

CATALOGUE 2013/2014



**B.**  
Berker

This catalogue is intended as procedure documentation for dealers and trade.

Our terms of sale, delivery and payment apply exclusively.

Our publications are intended to provide information to the best of our knowledge and are in no way intended to be legally binding. Illustrations are not binding, especially with regard to colour, size and equipment of the products shown.

Industrial property rights exist for many of the products.

We reserve the right to make technical and formal changes to our products in the interest of technical progress.

All items in this catalogue which are subject to CE regulations bear the CE mark on their packaging label and on the product itself.

<b>ABOUT US, NEW CATALOGUE CONCEPT,</b>	2-19
-----------------------------------------	------

## 1

---

**FUNCTIONS**

<b>LIGHT CONTROL</b>	20-83
<b>MOTION DETECTOR</b>	84-109
<b>BLIND CONTROL</b>	110-133
<b>HVAC CONTROL</b>	134-153
<b>COMMUNICATION/MULTIMEDIA TECHNOLOGY</b>	154-187
<b>BERKER S.1 / B.3 / B.7</b>	188-269
<b>MODUL 2</b>	270-315
<b>BERKER Q.1 / Q.3</b>	316-375
<b>BERKER K.1 / K.5</b>	376-427
<b>BERKER ARSYS</b>	428-483
<b>BERKER R.1 / R.3</b>	484-519
<b>SERIE 1930 / SERIE GLAS / SERIE PALAZZO / SERIE R.CLASSIC</b>	520-565

---

**DESIGN**

## 2

---

**DESIGN**

<b>BERKER B.IQ</b>	568-583
<b>BERKER TS</b>	584-605
<b>BERKER INTEGRO FLOW</b>	606-633
<b>BERKER MANUFACTURE</b>	634-639
<b>FLUSH-MOUNTED WET-ROOM INSTALLATION</b>	640-667
<b>SURFACE-MOUNTED WET-ROOM INSTALLATION</b>	668-707
<b>DRY SURFACE-MOUNTED INSTALLATION</b>	708-717
<b>CONNECTING SYSTEMS AND ACCESSORIES</b>	718-725
<b>RADIO BUS OPERATING SYSTEMS</b>	726-745
<b>RADIO BUS TRANSMITTERS AND ACTUATORS</b>	746-761
<b>KNX RADIO</b>	762-791
<b>KNX OPERATING SYSTEMS</b>	792-851
<b>KNX SENSORS AND ACTUATORS</b>	852-887
<b>KNX SYSTEM UNITS</b>	888-895
<b>SECURITY AND SAFETY SYSTEMS</b>	896-905
<b>TECHNICAL APPENDIX</b>	906-986

---

**APPLICATIONS /  
SYSTEMS**

Do you know how to create a living space that combines comfort with individuality? At Berker we have been working on this since 1919 – and we have found some very interesting answers.

Berker switches and systems are in use all over the world, making life more beautiful, easier and more comfortable. We place the utmost emphasis on quality, design and innovation. This is confirmed by the numerous awards we have received both at home and abroad.

Berker is a leading supplier of high-quality electrical installations – from timelessly classic switch design through to intelligent building management systems. All new developments are created with just one thing in mind: our customer. After all, we want our products to make them feel good for decades to come.

With Berker, you not only offer your customers products to suit every taste, you also offer your customers the latest state of the art. Berker – the right way.



BERKER R.1



BERKER R.1, R.3, SERIE R.CLASSIC



BERKER Q.1, B.IQ, K.5, TS SENSOR, SERIE 1930 PORZELLAN MADE BY ROSENTHAL, TS CRYSTAL BALL, RADIO TOUCH



BERKER R.1, R.3, SERIE R.CLASSIC, R.1/R.3 KNX-TOUCH SENSOR, TS SENSOR, RADIO TOUCH, B.3, B.IQ, S.1



SERIE R.CLASSIC

**DESIGN PLUS**

BERKER Q.1, K.5, SERIE 1930 PORZELLAN MADE BY ROSENTHAL, TS CRYSTAL BALL



red dot award

BERKER R.1, R.3, SERIE R.CLASSIC, R.1/R.3 KNX-TOUCH SENSOR, Q.1, B.IQ, TS, TS SENSOR



BERKER R.1, R.3, SERIE R.CLASSIC, R.1/R.3 KNX-TOUCH SENSOR, B.IQ, KNX TASTSENSOREN, K.1, K.5, S.1, TS SENSOR, SERIE 1930 PORZELLAN MADE BY ROSENTHAL



K.5 ALUMINIUM



BERKER B.IQ, ARSYS KUPFER MED



BERKER TS SENSOR



You can find additional information and a wealth of additional details at [www.berker.com](http://www.berker.com) and [www.berker-tv.com](http://www.berker-tv.com). We are available to take any other questions you might have, as well to provide technical advice, by telephone.

## WWW.BERKER.COM

- Electronic catalogue with
  - Comprehensive technical and product information
  - Parts' list creation to aid your planning
  - Tender texts available for download
  - Software and documentation on all Berker KNX products
  - Link to suitable communication technology inserts of other manufacturers
- Ordering of marketing and information material
- Berker room planner: simulation of your room fittings (with price overview)
- Berker newsfeed subscriber: all the latest news sent directly to your smartphone

## WWW.BERKER-TV.COM

- Comprehensive website with films from the world of Berker

Welcome! In our 2013/14 catalogue, you will not only find new switch designs and clever systems but thanks to the new catalogue structure you will also find them considerably more quickly. You can make your selection using the required function, the appropriate application or using your preferred switch design line - our catalogue is designed in such a way that you can find the perfect product solution quickly.

**CORE CATALOGUE AREAS**

- Functions
- Design lines
- Applications / systems
- Appendix

**TABLE OF CONTENTS**

- Contents for each chapter
- Rapid orientation using pictograms
- Spread over two series of tabs

FUNCTIONS	1	<b>LIGHT CONTROL</b>	SWITCHES, PUSH-BUTTONS, DIMMERS, NEW ELECTRONICS PLATFORM, BLC SYSTEM	22-83		PUSH-BUTTONS (WITH THERMOSTAT), IR PUSH-BUTTONS WITH THERMOSTAT, (PLASTIC, ALUMINIUM, STAINLESS STEEL, GLASS) 570-585 COVER PLATES, PUSH-BUTTONS, TS CRYSTAL BALL, TS SENSOR 586-607 608-635 636-641	DESIGN LINES																																																												
		<b>MOTION DETECTOR</b>	SYSTEM CONTROLLER, PRESENCE DETECTOR, NEW ELECTRONICS PLATFORM, BLC CONTROLLER	84-111																																																															
		<b>BLIND CONTROL</b>	BLIND SWITCHES, ROTARY SWITCHES, HEATING EMERGENCY SWITCHES	112-135																																																															
		<b>HVAC CONTROL</b>	THERMOSTATS, VALVE DRIVES, HEATING EMERGENCY SWITCHES	136-155																																																															
		<b>COMMUNICATION/MULTIMEDIA TECHNOLOGY</b>	TAE, UAE, ANTENNA, SAT COVERS, MULTIMEDIA SOCKET OUTLETS, ENTERTAINMENT ELECTRONICS	156-189																																																															
DESIGN LINES	2	<b>BERKER S.1 / B.3 / B.7</b>	SOCKET OUTLETS, COVERS, CENTRAL INSERTS	190-243		H-MOUNTED SYSTEMS, D.1/D.3/R.1/R.3 UP P44 642-669 E-CAST IP44, IP66 670-709 RE-CAST IP44, IP66 670-709 RE-CAST IP44, IP66 670-709 RE-CAST IP44, IP66 670-709 RE-CAST IP44, IP66 670-709 CONNECTION BOXES, WICKS, COLES 720-727 HAND-HELD 728-747 SENSORS 748-763 DR. TIME SWITCHES, DR. BLIND CONTROLLERS, DR. HAND-HELD TRANSMITTERS 748-763 DR. TIME SWITCHES, DR. BLIND CONTROLLERS, DR. HAND-HELD TRANSMITTERS 764-793 SENSORS, B.I.Q., TS SENSOR, 794-855 DR. TEMPERATURE PHYSICAL SENSORS, S-WITCHES, RMD SH-MOUNTED ACTUATORS 856-891 SENSORS, INTERFACES M SYSTEM 892-899 UNIT, SIRENS, 900-909 INFORMATION, DIRECTORY 910-992	APPLICATIONS / SYSTEMS																																																												
		<b>BERKER S.1 BERKER B.3 BERKER B.7</b>	FRAMES (PLASTIC) FRAMES (ALUMINIUM) FRAMES (PLASTIC, STAINLESS STEEL, ALUMINIUM, GLASS)	244-251 252-261 262-271																																																															
		<b>MODUL 2</b>	SOCKET OUTLETS, COVERS, CENTRAL INSERTS FRAMES (PLASTIC)	272-317																																																															
		<b>BERKER Q.1 / Q.3</b>	SOCKET OUTLETS, COVERS, CENTRAL INSERTS	318-363																																																															
		<b>BERKER Q.1 BERKER Q.3</b>	FRAMES (PLASTIC) FRAMES (PLASTIC)	364-371 372-377																																																															
		<b>BERKER K.1 / K.5</b>	SOCKET OUTLETS, COVERS, CENTRAL INSERTS, FRAMES (PLASTIC, ALUMINIUM, STAINLESS STEEL)	378-429																																																															
		<b>BERKER ARSYS BERKER ARSYS COPPER MED</b>	SOCKET OUTLETS, COVERS, CENTRAL INSERTS, FRAMES (PLASTIC, STAINLESS STEEL, COPPER)	430-485																																																															
		<b>BERKER R.1 / R.3</b>	SOCKET OUTLETS, COVERS, CENTRAL INSERTS	486-505																																																															
		<b>BERKER R.1 BERKER R.3</b>	FRAMES (PLASTIC, GLASS, ALUMINIUM, STAINLESS STEEL) FRAMES (PLASTIC, GLASS, ALUMINIUM, STAINLESS STEEL)	506-513 514-521																																																															
		<b>SERIE 1930 / SERIE GLAS / SERIE PALAZZO / SERIE R.CLASSIC</b>	SOCKET OUTLETS, COVERS, TOGGLES, CENTRAL INSERTS	522-568																																																															
		<b>SERIE 1930 / PORZELLAN MADE BY ROSENTHAL SERIE GLAS SERIE PALAZZO SERIE R.CLASSIC</b>	FRAMES (PLASTIC, PORCELAIN) FRAMES (GLASS) FRAMES (PLASTIC) FRAMES (PLASTIC, GLASS, ALUMINIUM, STAINLESS STEEL)	544-549 550-555 556-561 562-567																																																															
		APPENDIX	3	<b>PRODUCT SUMMARY</b>					PRODUCT SUMMARY																																																										
				<table border="1"> <thead> <tr> <th>PAGE</th> <th>ORDER NO.</th> <th>PAGE</th> </tr> </thead> <tbody> <tr><td>800</td><td>7516 47 70</td><td>1 801</td></tr> <tr><td>800</td><td>7516 47 73</td><td>1 801</td></tr> <tr><td>831</td><td>7516 47 74</td><td>1 801</td></tr> <tr><td>831</td><td>7516 47 75</td><td>1 801</td></tr> <tr><td>577</td><td>7516 47 80</td><td>1 801</td></tr> <tr><td>577</td><td>7516 47 85</td><td>1 801</td></tr> <tr><td>577</td><td>7516 86 90</td><td>1 579</td></tr> <tr><td>576</td><td>7516 86 92</td><td>1 579</td></tr> <tr><td>576</td><td>7516 85 93</td><td>1 578</td></tr> <tr><td>736</td><td>7516 86 94</td><td>1 578</td></tr> <tr><td>736</td><td>7516 86 99</td><td>1 578</td></tr> <tr><td>736</td><td>7516 87 12</td><td>1 810</td></tr> <tr><td>736</td><td>7516 87 19</td><td>1 810</td></tr> <tr><td>736</td><td>7516 87 42</td><td>1 810</td></tr> <tr><td>736</td><td>7516 87 43</td><td>1 810</td></tr> <tr><td>575</td><td>7516 87 44</td><td>1 810</td></tr> <tr><td>576</td><td>7516 87 49</td><td>1 810</td></tr> <tr><td>575</td><td>7516 87 83</td><td>1 810</td></tr> <tr><td>574</td><td>7516 87 85</td><td>1 810</td></tr> </tbody> </table>						PAGE	ORDER NO.	PAGE	800	7516 47 70	1 801	800	7516 47 73	1 801	831	7516 47 74	1 801	831	7516 47 75	1 801	577	7516 47 80	1 801	577	7516 47 85	1 801	577	7516 86 90	1 579	576	7516 86 92	1 579	576	7516 85 93	1 578	736	7516 86 94	1 578	736	7516 86 99	1 578	736	7516 87 12	1 810	736	7516 87 19	1 810	736	7516 87 42	1 810	736	7516 87 43	1 810	575	7516 87 44	1 810	576	7516 87 49	1 810	575	7516 87 83	1 810	574
		PAGE	ORDER NO.	PAGE																																																															
		800	7516 47 70	1 801																																																															
800	7516 47 73	1 801																																																																	
831	7516 47 74	1 801																																																																	
831	7516 47 75	1 801																																																																	
577	7516 47 80	1 801																																																																	
577	7516 47 85	1 801																																																																	
577	7516 86 90	1 579																																																																	
576	7516 86 92	1 579																																																																	
576	7516 85 93	1 578																																																																	
736	7516 86 94	1 578																																																																	
736	7516 86 99	1 578																																																																	
736	7516 87 12	1 810																																																																	
736	7516 87 19	1 810																																																																	
736	7516 87 42	1 810																																																																	
736	7516 87 43	1 810																																																																	
575	7516 87 44	1 810																																																																	
576	7516 87 49	1 810																																																																	
575	7516 87 83	1 810																																																																	
574	7516 87 85	1 810																																																																	

Further information in the appendix.

**SWITCHES/PUSH-BUTTONS**

Switching capacity with 16 AX switches 40 W, 0.5 W	
Uncompensated cos φ = 0.5	23 15
Compensated cos φ = 0.8	29 18
Compensated cos φ = 1	34 22
Bus circuit	38 25
Parallel compensation	8 5

Switching capacity with 16 AX switches 40 W, 0.5 W

Uncompensated cos φ = 0.5	33 21
Compensated cos φ = 0.8	46 28
Compensated cos φ = 1	51 33
Bus circuit	57 42
Parallel compensation	12 7

When connecting energy-saving bulbs and electronic ballasts (EWS), consider the high inrush currents. Check suitability of equipment prior to use. Fit in multi-current breakers if necessary.

Quick start using the order number in the product index.



CHAPTER INTRODUCTION PAGES

- Content overview of the following chapter
- Portrait of each product and its variants
- Dimensions, materials and colours at a glance

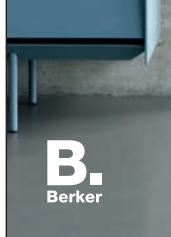


**BERKER B.7**

FRAMES 266-271

Gives every switch the right frame: In addition to glass frame varieties, the Berker B.7 is now available with plastic, stainless steel and aluminium frames. This version is a harmonious addition to the switches of the Berker TS Sensor and Berker B.IQ ranges.

- High-quality designs in glass, stainless steel, aluminium and plastic
- Complements Berker TS Sensor and Berker B.IQ
- Multiple frames vertical or horizontal for up to five devices



**BERKER B.7**  
DIMENSIONS / PRODUCT EXAMPLES

Frame, 1-gang  
W 95 mm x H 90 mm, 1gang

Frame, 2 to 5gang, horizontal  
W 161 mm x H 95 mm, 2gang  
W 232 mm x H 95 mm, 3gang  
W 303 mm x H 95 mm, 4gang  
W 384 mm x H 95 mm, 5gang

Frames 2 to 5gang, vertical  
H 161 mm x W 95 mm, 2gang  
H 232 mm x W 95 mm, 3gang  
H 303 mm x W 95 mm, 4gang  
H 384 mm x W 95 mm, 5gang

**BERKER B.7**  
SURFACES / PRODUCT EXAMPLES

**PRODUCT EXAMPLES**

SURFACES / FRAMES		COVERS / CENTRAL INSERTS		CENTRAL PLATES	
Glass, glossy, print on the back		Plastic, matt		Plastic, matt	
Polar white*	similar to RAL 9010	Polar white	similar to RAL 9010	Anthracite	similar to RAL 7021
Black	similar to RAL 9005	Anthracite	similar to RAL 7021	Polar white	similar to RAL 9010
Aluminium	similar to RAL 9006	Aluminium, lacquered	similar to RAL 9006	Plastic, glossy	
Plastic, matt				Polar white	similar to RAL 9010
Polar white	similar to RAL 9010	Plastic, glossy			
Anthracite	similar to RAL 9005	Polar white	similar to RAL 9010		
Aluminium, lacquered	similar to RAL 9006				
Metal					
Aluminium					
Stainless steel					

\* New shade

THE MOST IMPORTANT NEW FEATURES  
AT A GLANCE:

Higher-level information, which applies to the following articles

Large product images

Switching symbols\*

New, standardised and common article names

Distinguishing features for rapid differentiation of articles for similar applications supported by symbols

Tabular display of technical data

References to matching articles, optional accessory articles or subchapters, offering complementary articles

Tabular overview of variants with all the sales information

Link to the technical appendix

**LIGHT CONTROL**  
HOTEL APPLICATIONS

HOTEL APPLICATIONS

**Push-button for hotel card**

**Push-button for hotel card**  
 Rated voltage 250 V~  
 Momentary-contact current 2 A  
 10 A design on request.  
 Connection terminals according to IEC 60669-1

- for illumination and monitoring circuit
- with plug-in terminals

DESIGN	ORDER NO.	PAGE
Push-button, NO contact for hotel card	<b>5051 02</b>	10
Push-button, change-over contact for hotel card	<b>5056 01</b>	10
Push-button, NO contact for hotel card, 2 separate signal contacts	<b>5051 03</b>	10
Push-button, NC contact + NO contact for hotel card, isolated input terminals	<b>5052 01</b>	10

**Centre plate with imprint for push-button for hotel card**  
- Red lens

Card width max. 54 mm  
 Card thickness 0.5 ... 1.4 mm

Other imprint on request!

DESIGN	ORDER NO.	PAGE
<b>Berker S.1/B.3/B.7</b> white glossy	<b>1640 88 82</b>	10
polar white glossy	<b>1640 88 89</b>	10
polar white matt	<b>1640 18 09</b>	10
anthracite matt	<b>1640 16 06</b>	10
aluminium matt, lacquered	<b>1640 14 04</b>	10
<b>Modul 2</b> white glossy	# <b>1640 02</b>	10
polar white glossy	# <b>1640 05</b>	10
<b>Berker Q.1/Q.3</b> polar white velvety <sup>1)</sup>	<b>1640 60 89</b>	10
anthracite velvety, lacquered <sup>1)</sup>	* <b>1640 60 86</b>	10
<b>Berker K.1/K.5</b> polar white glossy	<b>1641 71 09</b>	10
anthracite matt, lacquered	<b>1641 71 06</b>	10
aluminium matt, lacquered	* <b>1641 71 03</b>	10
stainless steel matt, lacquered	<b>1641 71 04</b>	10
<b>Berker Arsys</b> white glossy	<b>1641 00 02</b>	10
polar white glossy	<b>1641 00 69</b>	10
brown glossy	<b>1641 00 01</b>	10
light bronze matt, lacquered	<b>1641 90 11</b>	10
stainless steel matt, lacquered	<b>1641 90 04</b>	10

<sup>1)</sup> with orange lens

80

Subject to changes - # Note discontinuation! - \* Note new code!


\* Standardised switching symbols, supplemented by Berker-specific symbols (see appendix)

FOR EXAMPLE ...  
STARTING WITH A FUNCTION

Let's assume you're looking for a solution for a light control. In this case, you first select the matching insert (module insert, for which all the relevant information is shown). Then we'll show you all the matching application modules/covers for the most common applications, in all the designs and colours with the appropriate ordering information. This means that you don't have to search for long – just select the products and combine them.

If specific inserts can also be used for other applications, then you'll see a page reference to another chapter, in which you can find the matching application module.

**LIGHT CONTROL**  
SWITCHES/PUSH-BUTTONS

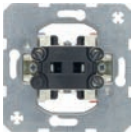


---

**Multi-pole rocker switches**

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1

---




**On/off switch 2pole 10 AX**

Rated voltage 250 V~  
Switching current 10 AX

Only suitable in combination with rockers with "0" imprint.

DESIGN ORDER NO.

On/off switch 2pole 10 AX **3032**




**On/off switch 2pole 16 AX**

Rated voltage 250 V~  
Switching current 16 AX

Only suitable in combination with rockers with "0" imprint.  
Not suitable for water-protected, flush-mounted installation IP44.  
For switching of 16 A socket outlets, for example.

DESIGN ORDER NO.

On/off switch 2pole 16 AX **3032 12**




**On/off switch 3pole**

Rated voltage 400 V~  
Switching current 16 AX

Only suitable in combination with rockers with "0" imprint.  
Not suitable for water-protected, flush-mounted installation IP44.

DESIGN ORDER NO.

On/off switch 3pole **3033 03**



**Rocker with imprint "0"**


DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	<b>1622 89 82</b>	10
polar white glossy	<b>1622 89 89</b>	10
polar white matt	<b>1622 19 09</b>	10
anthracite matt	<b>1622 16 06</b>	10
aluminium matt, lacquered	<b>1622 14 04</b>	10
polar white matt, Screw-on <sup>1)</sup>	<b>1573 19 09</b>	10
anthracite matt, Screw-on <sup>1)</sup>	<b>1573 16 06</b>	10
aluminium matt, lacquered, Screw-on <sup>1)</sup>	<b>1573 14 04</b>	10


**Modul 2**

white glossy	# <b>1622 02</b>	10
polar white glossy	# <b>1622 09</b>	10
white glossy, Screw-on <sup>1)</sup>	# <b>1573 02</b>	10
polar white glossy, Screw-on <sup>1)</sup>	# <b>1573 09</b>	10




DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**




DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**




DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**




DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX **3032**



DESIGN ORDER NO. PU

On/off switch 2pole 16 AX **3032 12**



DESIGN ORDER NO. PU

On/off switch 3pole **3033 03**



DESIGN ORDER NO. PU

On/off switch 2pole 10 AX

FOR EXAMPLE ...  
STARTING WITH THE DESIGN LINE

In the design chapter, you will also find the products, which are not assigned to a function chapter, such as socket outlets and frames. To obtain a better and more rapid overview, all the other design articles are shown, with the information reduced to only that which is necessary. For Berker connoisseurs, the sales information of an article picture and name are sufficient. If there are product variants for similar applications, then the differences are clearly marked. This helps you to find the right products, when you already know the solution and just want to find the order data. Here too, each article has information about the appropriate insert.

This means that you can obtain all the ordering information for the appropriate insert-application module combination in the design chapter, without having to search for a long time.

**BERKER R.1/R.3**  
SCHUKO SOCKET OUTLETS

**SCHUKO SOCKET OUTLETS**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

**SCHUKO socket outlets**

<b>NEW</b>		<p><b>SCHUKO socket outlet</b></p> <p>Rated voltage 250 V~    <span style="color: #0056b3;">■</span> with plug-in terminals Rated current 16 A</p>	<p><b>i 915</b></p>
	<p>DESIGN</p> <p>polar white glossy    <span style="color: #0056b3;">★</span> <b>4743 20 89</b></p> <p>black glossy    <span style="color: #0056b3;">★</span> <b>4743 20 45</b></p>	<p>ORDER NO.</p> <p>10</p> <p>10</p>	<p>PU</p> <p>10</p> <p>10</p>

<b>NEW</b>		<p><b>SCHUKO socket outlet</b> <b>- enhanced contact protection</b></p> <p>Rated voltage 250 V~    <span style="color: #0056b3;">■</span> with plug-in terminals Rated current 16 A</p>	<p><b>i 915</b></p>
	<p>DESIGN</p> <p>polar white glossy    <span style="color: #0056b3;">★</span> <b>4723 20 89</b></p> <p>black glossy    <span style="color: #0056b3;">★</span> <b>4723 20 45</b></p>	<p>ORDER NO.</p> <p>10</p> <p>10</p>	<p>PU</p> <p>10</p> <p>10</p>

<b>NEW</b>		<p><b>SCHUKO socket outlet</b> <b>- Screw-in lift terminals</b></p> <p>Rated voltage 250 V~    <span style="color: #0056b3;">■</span> with screw-in lift terminals Rated current 16 A</p>	<p><b>i 915</b></p>
	<p>DESIGN</p> <p>polar white glossy    <span style="color: #0056b3;">★</span> <b>4143 20 89</b></p> <p>black glossy    <span style="color: #0056b3;">★</span> <b>4143 20 45</b></p>	<p>ORDER NO.</p> <p>10</p> <p>10</p>	<p>PU</p> <p>10</p> <p>10</p>

<b>NEW</b>		<p><b>SCHUKO socket outlet</b> <b>- enhanced contact protection</b> <b>- Screw-in lift terminals</b></p> <p>Rated voltage 250 V~    <span style="color: #0056b3;">■</span> with screw-in lift terminals Rated current 16 A</p>	<p><b>i 915</b></p>
	<p>DESIGN</p> <p>polar white glossy    <span style="color: #0056b3;">★</span> <b>4123 20 89</b></p> <p>black glossy    <span style="color: #0056b3;">★</span> <b>4123 20 45</b></p>	<p>ORDER NO.</p> <p>10</p> <p>10</p>	<p>PU</p> <p>10</p> <p>10</p>

488


Subject to changes - # Note discontinuation! - ★ Note new code!

FOR EXAMPLE ...  
STARTING WITH THE KNX SYSTEM  
CHAPTER

The application and system chapters in the last part of the catalogue are, in themselves, comprehensive and self-contained. You can find a solution for these topic areas in a single chapter (inserts, application modules, accessories).

Our products are presented in a logical order, according to the sequence of your planning. Firstly, you can find all the operating systems, which you can select for each control section, according to the functions you require. This then produces the required number of actuator channels and you can combine these components. If necessary, you will also find sensors for additional comfort functions in the 2nd KNX chapter. Finally, you will find the system devices, required for the power supply and for the connection to the installation environment and system technology.

**KNX - OPERATING SYSTEMS**  
BERKER TS SENSOR



---


**BERKER TS SENSOR**  
Glass sensors comfort

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Operation with non-choked output of KNX voltage supply (pay attention to current consumption)
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool

---

NEW

**Glass sensor 1gang comfort**  
- integrated bus coupling unit



Operating voltage	21 ... 32 V=	
Current consumption	12.5 mA	
Operating temperature	-5 ... +45 °C	
Dimensions (W x H x D)	86 x 160 x 5.7 mm	

Only suitable for KNX.

■ with blue operation LED and 2 white status LEDs		
■ for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x		
■ for glass frames in the same "style" for additional applications, see the Design line B.7		


<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Wall box 2gang flat	1871	607
<b>optional</b>		
Temperature sensor	161	154

**i 984**

<b>DESIGN</b>	<b>ORDER NO.</b>	<b>PU</b>
<b>Berker TS Sensor</b>		
glass polar white	★ 7514 18 30	1
glass black	★ 7514 18 35	1
glass aluminium	★ 7514 10 34	1
<b>Berker TS Sensor - configured</b>		
glass polar white	★ 7514 19 30	1
glass black	★ 7514 19 35	1
glass aluminium	★ 7514 11 34	1

NEW

**Glass sensor 2gang comfort**  
- integrated bus coupling unit



Operating voltage	21 ... 32 V=	
Current consumption	12.5 mA	
Operating temperature	-5 ... +45 °C	
Dimensions (W x H x D)	86 x 160 x 5.7 mm	

Only suitable for KNX.

■ with blue operation LED and 4 white status LEDs		
■ for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x		
■ for glass frames in the same "style" for additional applications, see the Design line B.7		

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Wall box 2gang flat	1871	607
<b>optional</b>		
Temperature sensor	161	154

**i 984**

<b>DESIGN</b>	<b>ORDER NO.</b>	<b>PU</b>
<b>Berker TS Sensor</b>		
glass polar white	★ 7514 28 30	1
glass black	★ 7514 28 35	1
glass aluminium	★ 7514 20 34	1

844
Subject to changes - # Note discontinuation! - ★ Note new code!

## LITTLE DETAILS THAT MAKE A BIG DIFFERENCE

### WHY BERKER SOCKET OUTLETS ARE SIMPLY GOOD



It's often the small details that make a big difference.

- Compact housing with sturdy, closed base
- Rugged supporting ring without sharp edges
- New supporting ring contour for easy alignment and screwing in
- Easy-to-connect conductor
- Open claw geometry prevents damage to the conductors during assembly
- No parasitic voltage thanks to electrical isolation
- Flexolift claw vanishes completely into the base
- Release or screwing-in in just 4 to 5 rotations

We have even optimised the packaging, and thus handling on the building site: in a 10-pack, the centre plates are separated from the inserts and can be mounted according to your normal installation methods.

In addition, the centre plates are well-protected by film - a sensible detail to save time and money.



- **HIGH-QUALITY SUPPORTING RING**  
sturdy, with no sharp edges, and additional screwing options for easy installation on soft surfaces
- **OPTIMAL SUPPORTING RING CONTOURS**  
marked for precise alignment at the place of installation

- **TEST MARKS ON THE BASE**  
for visibility in every installation state

- **EASY-TO-OPERATE RELEASE BUTTONS**  
for rapid release of conductors during disassembly

- **CROSS-HEAD CLAW SCREWS**  
with optimised thread for 3x faster installation/disassembly

- **LABELLING FIELD ON THE SUPPORTING RING**  
for clear labelling of the electric circuit

- **CROSS-HEAD SCREW IN CENTRE PLATE**  
for perfect grip of tool during installation

- **MARKING ON BASE**  
for precise stripping of conductors

- **STURDY, ENCLOSED BASE**  
for safe, secure installation

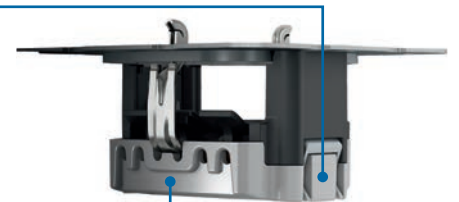
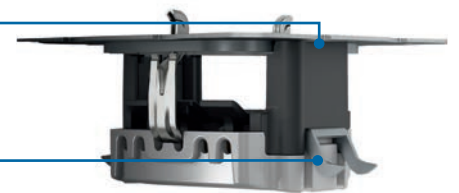
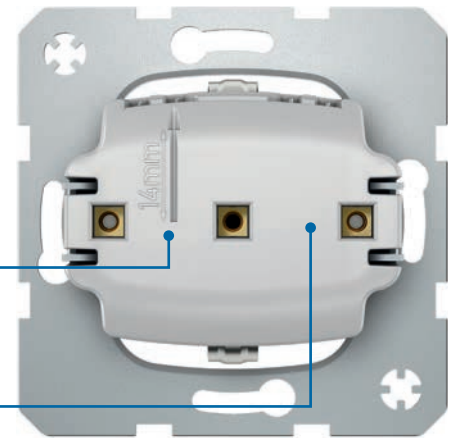
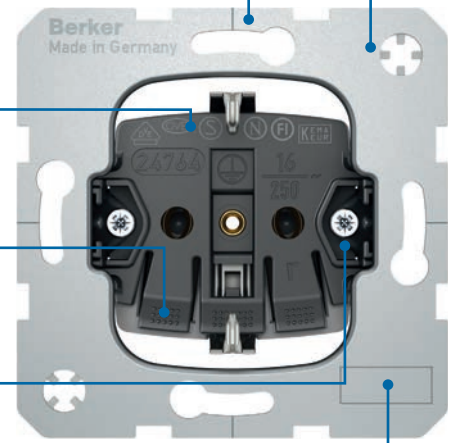
- **GALVANIC SEPARATION OF SUPPORTING RING**  
for safe working with no parasitic voltage

- **OPEN CLAW GEOMETRY**  
prevents damage to conductors during installation

- **CLAWS ARE ACCOMMODATED IN BASE**  
when fully retracted, for easy insertion/positioning in the switch box and reduced risk of injury

- **OPTIMISED TERMINAL DESIGN**  
for easier insertion of conductors

- **SCREW-IN LIFT TERMINALS<sup>1</sup>**  
for rapid connection and secure positioning of the conductors



<sup>1</sup> Only in socket outlets with screw-in lift terminals

## **USED THOUSANDS OF TIMES BUT STILL UNIQUE**

### **SIMPLE SWITCH REPLACEMENT WITH THE MODUL SYSTEM**

Admittedly, we're still a bit proud. In the Modul system, we found a principle which has not lost any of its attraction. Using the Modul system, switches can still be replaced easily, even after years have passed, and, for example, be adapted to a new room design, without any need to replace the switch insert. For your customers, this means less building mess, more flexibility in room planning and increased general satisfaction with their electrical equipment. Our Modul system can also offer you many advantages, such as less storage and lower mounting costs. As well savings in terms of time and money.

In addition, we have designed the switches and inserts to be completely uncomplicated in installation and handling.

- Flat appearance of the mounted switch and pleasant feel during operation through the very small switching angle of 3.5°
- High level of operating comfort through precise rocker guidance
- Flexolift claws ensure a tight fit and forced return when released
- Cable protection around the claw screws prevents conductor damage
- Laser engraving of the circuit diagram, circuit symbols, article number and conductor insulation length on the rear side of each switch
- Easy-to-operate lever release catches to free the conductors
- Installation of neon lamp units at a later date possible without dismantling





- **HIGH-QUALITY SUPPORTING RING**  
sturdy, no sharp edges, with additional screwing options for easy mounting on soft surfaces



- **OPTIMAL SUPPORTING RING DESIGN**  
marked for precise alignment at place of installation



- **3.5° SWITCHING ANGLE**  
for a flat profile



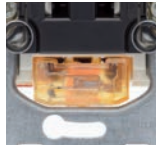
- **Modular design**  
for accommodation of all rocker types



- **LARGE CLEARANCE AROUND THE CLAW SCREW**  
with cross-head screws



- **VARIABLE 4-PIN MOUNT**  
for precise seating of rockers



- **CLIP-IN NEON/ GLOW LAMP UNIT**  
for exact positioning on the supporting ring, can be used as indicator or orientation light



- **MOULDED LEVER RELEASE CATCHES**  
for easy release of conductors



- **LABELLING ON REVERSE OF SWITCH**  
showing order no, circuit diagram/graphical symbol,

- conductor stripping guide

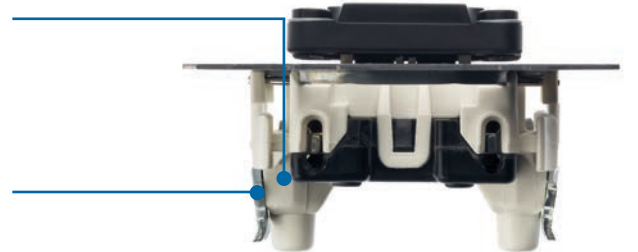
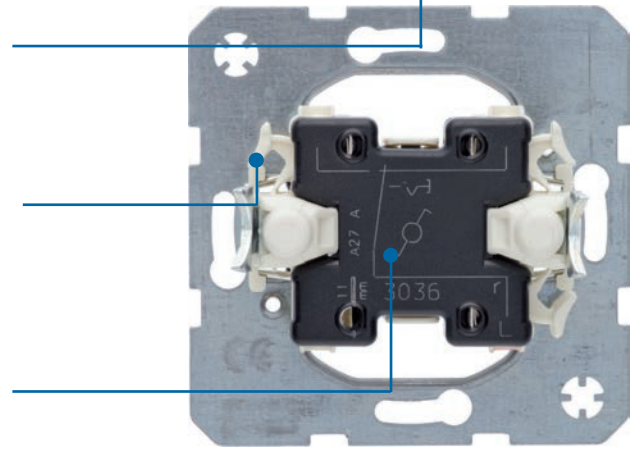
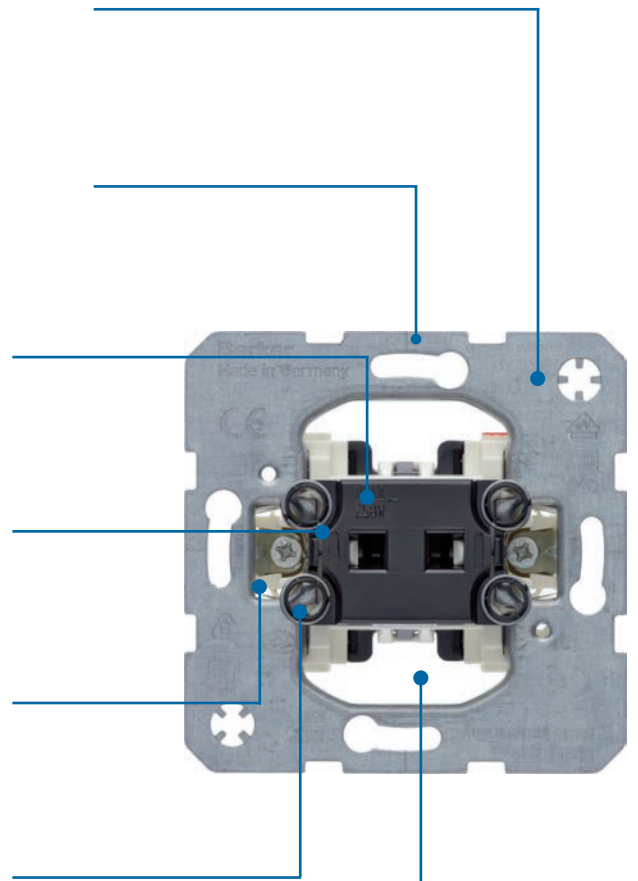


- **CABLE PROTECTION**  
to prevent damage to the conductors by the claw screws



- **FLEXOLIFT CLAWS**  
for flush-fitting positioning of claws and automatic reset upon release

- **MINIMAL INSTALLATION DEPTH**  
providing maximum space for installation of the insert in hollow-wall mounting





<b>LIGHT CONTROL</b>	SWITCHES, PUSH-BUTTONS, DIMMERS, NEW ELECTRONICS PLATFORM, BLC SYSTEM	22-83
<b>MOTION DETECTOR</b>	SYSTEM CONTROLLER, PRESENCE DETECTOR, NEW ELECTRONICS PLATFORM, BLC CONTROLLER	84-109
<b>BLIND CONTROL</b>	BLIND SWITCHES, ROTARY SWITCHES, SENSORS, NEW ELECTRONICS PLATFORM, ROLLOTEC SYSTEM	112-132
<b>HVAC CONTROL</b>	THERMOSTATS, VALVE DRIVES, HEATING EMERGENCY SWITCHES	136-152
<b>COMMUNICATION/MULTIMEDIA TECHNOLOGY</b>	TAE, UAE, ANTENNA, SAT COVERS, MULTIMEDIA SOCKET OUTLETS, ENTERTAINMENT ELECTRONICS	156-187
<b>BERKER S.1 / B.3 / B.7</b>	SOCKET OUTLETS, COVERS, CENTRAL INSERTS	190-241
<b>BERKER S.1</b>	FRAMES (PLASTIC)	242-249
<b>BERKER B.3</b>	FRAMES (ALUMINIUM)	250-259
<b>BERKER B.7</b>	FRAMES (PLASTIC, STAINLESS STEEL, ALUMINIUM, GLASS)	260-269
<b>MODUL 2</b>	SOCKET OUTLETS, COVERS, CENTRAL INSERTS FRAMES (PLASTIC)	274-315
<b>BERKER Q.1 / Q.3</b>	SOCKET OUTLETS, COVERS, CENTRAL INSERTS	318-361
<b>BERKER Q.1</b>	FRAMES (PLASTIC)	362-369
<b>BERKER Q.3</b>	FRAMES (PLASTIC)	370-375
<b>BERKER K.1 / K.5</b>	SOCKET OUTLETS, COVERS, CENTRAL INSERTS, FRAMES (PLASTIC, ALUMINIUM, STAINLESS STEEL)	380-427
<b>BERKER ARSYS BERKER ARSYS COPPER MED</b>	SOCKET OUTLETS, COVERS, CENTRAL INSERTS, FRAMES (PLASTIC, STAINLESS STEEL, COPPER)	432-483
<b>BERKER R.1 / R.3</b>	SOCKET OUTLETS, COVERS, CENTRAL INSERTS	486-503
<b>BERKER R.1</b>	FRAMES (PLASTIC, GLASS, ALUMINIUM, STAINLESS STEEL)	504-511
<b>BERKER R.3</b>	FRAMES (PLASTIC, GLASS, ALUMINIUM, STAINLESS STEEL)	512-519
<b>SERIE 1930 / SERIE GLAS / SERIE PALAZZO / SERIE R.CLASSIC</b>	SOCKET OUTLETS, COVERS, TOGGLES, CENTRAL INSERTS	522-541
<b>SERIE 1930 / PORZELLAN MADE BY ROSENTHAL</b>	FRAMES (PLASTIC, PORCELAIN)	542-547
<b>SERIE GLAS</b>	FRAMES (GLASS)	548-553
<b>SERIE PALAZZO</b>	FRAMES (PLASTIC)	554-559
<b>SERIE R.CLASSIC</b>	FRAMES (PLASTIC, GLASS, ALUMINIUM, STAINLESS STEEL)	560-565

LIGHT CONTROL

**B.**  
Berker



WITCHES/PUSH-BUTTONS	22-36
TIME SWITCHES	37-42
DIMMERS	42-50
NEW ELECTRONICS PLATFORM	51-55
BLC - BERKER LIGHT CONTROL	55-60
(BUILT-IN)DIMMERS/POWER BOOSTERS	61-64
TRANSFORMERS	64-67
PILOT LAMPS	68-71
SUPPLEMENTARY PRODUCTS	72-79
HOTEL APPLICATIONS	80
BARRIER-FREE CONSTRUCTION	81-83

From the elegantly beautiful switches, through the intelligent control of individual lamps through to clever lighting systems: we can offer you a wide range of light control variants. Common to all of them is that they can be supplemented, replaced and modernised easily, thanks to our modular system.

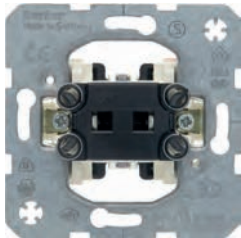
- All the rockers, covers and electronic application modules of our standard and comfort ranges fit perfectly on the flush-mounted inserts.
- Switches, dimmers or timers can be combined with all the switch ranges.
- Simple switch to a new switch range by exchanging frames and covers.
- Continuous further developments with innovative products mean that modern lighting (LEDs, compact fluorescent lamps) can be switched and dimmed easily.

**SWITCHES/PUSH-BUTTONS**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

**Rocker switch**

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm<sup>2</sup>
- Switching angle 3.5°



**Change-over/intermediate switch**

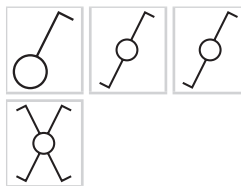
Rated voltage  
Switching current

250 V~  
10 AX

- for illumination and monitoring circuit
- with plug-in terminals

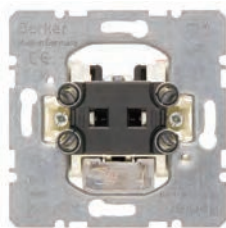
SUITABLE FOR optional	ORDER NO.	PAGE
LED unit 230 V, for switches/push-buttons	168 ..	74
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73

**i 908**



DESIGN	ORDER NO.	PU
On/off switch	<b>3031</b>	10
Change-over switch	<b>3036</b>	10
Change-over switch for installation in hollow walls <sup>1)</sup>	<b>3036 50</b>	10
Intermediate switch	<b>3037</b>	10

<sup>1)</sup> low installation depth, without spreader claws



**Control change-over switch (exemplary article)**

A control change-over switch is shown here as an example. With 2-pole and 3-pole control on/off switches, other rocker switches and neon lamp units are required.

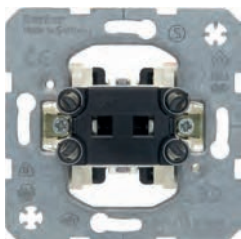
**i 908**



DESIGN	ORDER NO.	PU
Change-over switch	<b>3036</b>	10
Neon lamp unit with N terminal, grey, 230 V~, 1 mA	<b>1675</b>	10

**Rocker push-button**

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm<sup>2</sup>
- Switching angle 3.5°



**Push-button**

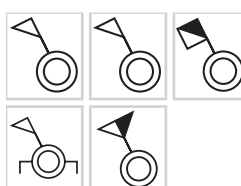
Rated voltage  
Momentary-contact current

250 V~  
10 A

- for illumination and monitoring circuit
- with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit 230 V, for switches/push-buttons	168 ..	74

**i 909**



DESIGN	ORDER NO.	PU
Push-button, NO contact	<b>5031</b>	10
Push-button, NO contact for installation in hollow walls <sup>1)</sup>	<b>5031 50</b>	10
Push-button, change-over	<b>5036</b>	10
Push-button, NO contact, 2 separate signal contacts	<b>5031 01</b>	10
Push-button, NC contact + NO contact, isolated input terminals	<b>5032 03</b>	10

<sup>1)</sup> low installation depth, without spreader claws



**Rockers for switches/push-buttons**

**Rocker**

■ also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	1620 89 82	10
polar white glossy	1620 89 89	10
polar white matt	1620 19 09	10
anthracite matt	1620 16 06	10
aluminium matt, lacquered	1620 14 04	10
polar white matt, Screw-on <sup>1)</sup>	1570 19 09	10
anthracite matt, Screw-on <sup>1)</sup>	1570 16 06	10
aluminium matt, lacquered, Screw-on <sup>1)</sup>	1570 14 04	10
<b>Modul 2</b>		
white glossy	# 1620 02	10
polar white glossy	# 1620 09	10
white glossy, Screw-on <sup>1)</sup>	# 1570 02	10
polar white glossy, Screw-on <sup>1)</sup>	# 1570 09	10
<b>Berker Q.1/Q.3</b>		
polar white velvety	1620 60 89	10
anthracite velvety, lacquered	* 1620 60 86	10
<b>Berker K.1/K.5</b>		
polar white glossy	1405 70 09	10
anthracite matt, lacquered	1405 70 06	10
Aluminium, aluminium anodised	* 1405 70 03	10
Stainless steel, metal matt finish	1405 70 04	10
<b>Berker Arsys</b>		
white glossy	1405 00 02	10
polar white glossy	1405 00 69	10
brown glossy	1405 00 01	10
light bronze matt, aluminium lacquered	1404 00 01	10
Stainless steel, metal matt finish	1404 00 04	10
gold matt, aluminium anodised	1404 00 02	10
Stainless steel, metal matt finish, Screw-on <sup>1)</sup>	1404 00 10	10
<b>Berker R.1/R.3</b>		
polar white glossy	* 1620 20 89	10
black glossy	* 1620 20 45	10

<sup>1)</sup>with cover plug for screw fitting

**NEW**  **Rocker with imprint symbol**

■ also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety, with imprinted symbol for light	1620 60 49	10
polar white velvety, with imprinted symbol for bell	1620 60 59	10
polar white velvety, with imprinted symbol for door opener	1620 60 69	10
anthracite velvety, lacquered, with imprinted symbol for light	* 1620 60 46	10
anthracite velvety, lacquered, with imprinted symbol for bell	* 1620 60 56	10
anthracite velvety, lacquered, with imprinted symbol for door opener	* 1620 60 66	10



**Berker R.1/R.3**

polar white glossy, with imprinted symbol for light	★ 1620 20 79	10
polar white glossy, with imprinted symbol for bell	★ 1620 20 69	10
polar white glossy, with imprinted symbol for door opener	★ 1620 20 59	10
black glossy, with imprinted symbol for light	★ 1620 20 35	10
black glossy, with imprinted symbol for bell	★ 1620 20 25	10
black glossy, with imprinted symbol for door opener	★ 1620 20 15	10



**Rocker**

**- Labelling field**



■ also for KNX applications: push-button, 1gang, and group push-button, 1gang

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	1626 89 82	10
polar white glossy	1626 89 89	10
polar white matt	1626 19 09	10
anthracite matt	1626 16 06	10
aluminium matt, lacquered	1626 14 04	10

**Modul 2**

white glossy <sup>1)</sup>	# 1626 62	10
polar white glossy <sup>1)</sup>	# 1626 69	10



**Berker Q.1/Q.3**

polar white velvety	1626 60 89	10
anthracite velvety, lacquered	★ 1626 60 86	10



**Berker K.1/K.5**

polar white glossy	1426 70 09	10
anthracite matt, lacquered	1426 70 06	10
Aluminium, aluminium anodised	★ 1426 70 03	10
Stainless steel, metal matt finish	1426 70 04	10

**Berker Arsys**

white glossy	1426 00 02	10
polar white glossy	1426 00 69	10
brown glossy	1426 00 01	10
light bronze matt, aluminium lacquered	1436 00 01	10
Stainless steel, metal matt finish	1436 00 04	10
gold matt, aluminium anodised	1436 00 02	10

<sup>1)</sup>labelling field height arranged for 9 mm P-touch strips



**Rocker**

**- Full-surface labelling field**



■ also for KNX applications: push-button, 1gang, and group push-button, 1gang

For labelling with names, notes etc.

Labelling field height designed for two 24 mm P-touch strips.

DESIGN ORDER NO. PU

**Berker Arsys**

clear, with white labelling field	1487 00	10
-----------------------------------	---------	----





**Rocker**

**- Lens**



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1621 89 82</b>	10
polar white glossy	<b>1621 89 89</b>	10
polar white matt	<b>1621 19 09</b>	10
anthracite matt	<b>1621 16 06</b>	10
aluminium matt, lacquered	<b>1621 14 04</b>	10
polar white matt, Screw-on <sup>1)</sup>	<b>1572 19 09</b>	10
anthracite matt, Screw-on <sup>1)</sup>	<b>1572 16 06</b>	10
aluminium matt, lacquered, Screw-on <sup>1)</sup>	<b>1572 14 04</b>	10

**Modul 2**

white glossy	<b># 1621 22</b>	10
polar white glossy	<b># 1621 19</b>	10
white glossy, Screw-on <sup>1)</sup>	<b># 1572 02</b>	10
polar white glossy, Screw-on <sup>1)</sup>	<b># 1572 09</b>	10

**Berker Q.1/Q.3**

polar white velvety <sup>2)</sup>	<b>1621 60 89</b>	10
anthracite velvety, lacquered <sup>2)</sup>	<b>* 1621 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1415 70 09</b>	10
anthracite matt, lacquered	<b>1415 70 06</b>	10
Aluminium, aluminium anodised	<b>* 1415 70 03</b>	10
Stainless steel, metal matt finish	<b>1415 70 04</b>	10

**Berker Arsys**

white glossy	<b>1415 00 02</b>	10
polar white glossy	<b>1415 00 69</b>	10
brown glossy	<b>1415 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1416 00 01</b>	10
Stainless steel, metal matt finish	<b>1416 00 04</b>	10
gold matt, aluminium anodised	<b>1416 00 02</b>	10
Stainless steel, metal matt finish, Screw-on <sup>1)</sup>	<b>1414 00 10</b>	10

**Berker R.1/R.3**

polar white glossy <sup>3)</sup>	<b>* 1621 20 89</b>	10
black glossy <sup>3)</sup>	<b>* 1621 20 45</b>	10

<sup>1)</sup> with cover plug for screw fitting  
<sup>2)</sup> only orange and clear lenses enclosed  
<sup>3)</sup> with clear lens only



**NEW**

**Rocker with imprinted symbol for light**

**- Lens**



Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1621 60 79</b>	10
anthracite velvety, lacquered	<b>* 1621 60 76</b>	10



**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	★ 1621 20 79	10
black glossy <sup>1)</sup>	★ 1621 20 35	10

<sup>1)</sup> with clear lens only



**Rocker**

- Labelling field
- Lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.  
Lenses with symbol for light, bell, door and neutral in clear,  
also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	1628 89 82	10
polar white glossy	1628 89 89	10
polar white matt	1628 19 09	10
anthracite matt	1628 16 06	10
aluminium matt, lacquered	1628 14 04	10

**Modul 2**

white glossy <sup>1)</sup>	# 1628 02	10
polar white glossy <sup>1)</sup>	# 1628 09	10



**Berker Q.1/Q.3**

polar white velvety <sup>2)</sup>	1628 60 89	10
anthracite velvety, lacquered <sup>2)</sup>	★ 1628 60 86	10



**Berker K.1/K.5**

polar white glossy <sup>3)</sup>	1415 71 09	10
anthracite matt, lacquered <sup>3)</sup>	1415 71 06	10
Aluminium, aluminium anodised <sup>3)</sup>	★ 1415 71 03	10
Stainless steel, metal matt finish <sup>3)</sup>	1415 71 04	10



**Berker Arsys**

white glossy	1415 02 02	10
polar white glossy	1415 02 69	10
brown glossy	1415 02 01	10
light bronze matt, aluminium lacquered	1416 02 01	10
Stainless steel, metal matt finish	1416 02 04	10



<sup>1)</sup> labelling field height arranged for 9 mm P-touch strips

<sup>2)</sup> only orange and clear lenses enclosed

<sup>3)</sup> lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed



**NEW** **Rocker with imprinted symbol for bell**

- Labelling field
- Lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.  
Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1628 60 79</b>	10
anthracite velvety, lacquered	<b>* 1628 60 76</b>	10

**Rocker**

- Large labelling field
- Lens



For labelling with name, information notice, etc.

Lenses with symbol for light, bell, door and neutral in clear,  
also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy <sup>1)</sup>	<b>1696 89 82</b>	10
polar white glossy <sup>1)</sup>	<b>1696 89 89</b>	10
polar white matt <sup>1)</sup>	<b>1696 19 09</b>	10
anthracite matt <sup>1)</sup>	<b>1696 16 06</b>	10
aluminium matt, lacquered <sup>1)</sup>	<b>1696 14 04</b>	10

<b>Berker Q.1/Q.3</b>		
polar white velvety <sup>2)</sup>	<b>1696 60 89</b>	10
anthracite velvety, lacquered <sup>2)</sup>	<b>* 1696 60 86</b>	10

<b>Berker K.1/K.5</b>		
polar white glossy <sup>3)</sup>	<b>1496 70 09</b>	10
anthracite matt, lacquered <sup>3)</sup>	<b>1496 70 06</b>	10
aluminium matt, lacquered <sup>3)</sup>	<b>* 1496 70 03</b>	10
stainless steel matt, lacquered <sup>3)</sup>	<b>1496 70 04</b>	10

<sup>1)</sup> labelling field height arranged for two 12 mm P-touch strips

<sup>2)</sup> labelling field height arranged for two 18 mm P-touch strips, only orange and clear lenses enclosed

<sup>3)</sup> labelling field height arranged for two 9 mm P-touch strips

**NEW** **Rocker with imprinted symbol for bell**

- Large labelling field
- Lens



Labelling field (W x H) ≈ 54.8 x 42.8 mm

For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.

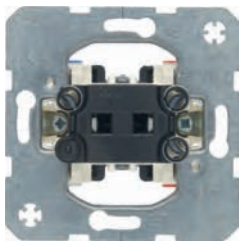
Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1696 60 79</b>	10
anthracite velvety, lacquered	<b>* 1696 60 76</b>	10

**Multi-pole rocker switches**

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1



**On/off switch 2pole 10 AX**

Rated voltage 250 V~  
Switching current 10 AX

- for illumination and monitoring circuit
- with plug-in terminals

Only suitable in combination with rockers with "0" imprint.

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit 230 V, for switches/push-buttons	168 ..	74
Neon lamp unit for switches/push-buttons	1600 02	73

**i 908**



DESIGN	ORDER NO.	PU
On/off switch 2pole 10 AX	<b>3032</b>	10



**On/off switch 2pole 16 AX**

Rated voltage 250 V~  
Switching current 16 AX

- for illumination and monitoring circuit
- with screw terminals

Only suitable in combination with rockers with "0" imprint.  
Not suitable for water-protected, flush-mounted installation IP44.

For switching of 16 A socket outlets, for example.

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit for switches/push-buttons	1600 02	73

**i 909**



DESIGN	ORDER NO.	PU
On/off switch 2pole 16 AX	<b>3032 12</b>	10



**On/off switch 3pole**

Rated voltage 400 V~  
Switching current 16 AX

- for illumination and monitoring circuit
- with screw terminals

Only suitable in combination with rockers with "0" imprint.  
Not suitable for water-protected, flush-mounted installation IP44.

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit for on/off switch 3pole	1600	74

**i 909**



DESIGN	ORDER NO.	PU
On/off switch 3pole	<b>3033 03</b>	10



**Rocker with imprint "0"**

DESIGN	ORDER NO.	PU
--------	-----------	----

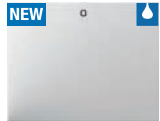
**Berker S.1/B.3/B.7**

white glossy	<b>1622 89 82</b>	10
polar white glossy	<b>1622 89 89</b>	10
polar white matt	<b>1622 19 09</b>	10
anthracite matt	<b>1622 16 06</b>	10
aluminium matt, lacquered	<b>1622 14 04</b>	10
polar white matt, Screw-on <sup>1)</sup>	<b>1573 19 09</b>	10
anthracite matt, Screw-on <sup>1)</sup>	<b>1573 16 06</b>	10
aluminium matt, lacquered, Screw-on <sup>1)</sup>	<b>1573 14 04</b>	10

**Modul 2**

white glossy	# <b>1622 02</b>	10
polar white glossy	# <b>1622 09</b>	10
white glossy, Screw-on <sup>1)</sup>	# <b>1573 02</b>	10
polar white glossy, Screw-on <sup>1)</sup>	# <b>1573 09</b>	10





DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	1622 60 89	10
anthracite velvety, lacquered	* 1622 60 86	10
<b>Berker K.1/K.5</b>		
polar white glossy	1425 71 09	10
anthracite matt, lacquered	1425 71 06	10
Aluminium, aluminium anodised	* 1425 71 03	10
Stainless steel, metal matt finish	1425 71 04	10
<b>Berker Arsys</b>		
white glossy	1425 00 02	10
polar white glossy	1425 00 69	10
brown glossy	1425 00 01	10
light bronze matt, aluminium lacquered	1424 00 01	10
Stainless steel, metal matt finish	1424 00 04	10
<b>Berker R.1/R.3</b>		
polar white glossy	* 1622 20 89	10
black glossy	* 1622 20 45	10

<sup>1)</sup> with cover plug for screw fitting



**Rocker with imprint "0"**

- Red lens



- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	1624 89 82	10
polar white glossy	1624 89 89	10
polar white matt	1624 19 09	10
anthracite matt	1624 16 06	10
aluminium matt, lacquered	1624 14 04	10
polar white matt, Screw-on <sup>1)</sup>	1577 19 09	10
anthracite matt, Screw-on <sup>1)</sup>	1577 16 06	10
aluminium matt, lacquered, Screw-on <sup>1)</sup>	1577 14 04	10
<b>Modul 2</b>		
white glossy	# 1624 62	10
polar white glossy	# 1624 69	10
white glossy, Screw-on <sup>1)</sup>	# 1577 02	10
polar white glossy, Screw-on <sup>1)</sup>	# 1577 09	10
<b>Berker Q.1/Q.3</b>		
polar white velvety <sup>2)</sup>	1624 60 89	10
anthracite velvety, lacquered <sup>2)</sup>	* 1624 60 86	10
<b>Berker K.1/K.5</b>		
polar white glossy	1417 71 09	10
anthracite matt, lacquered	1417 71 06	10
Aluminium, aluminium anodised	* 1417 71 03	10
Stainless steel, metal matt finish	1417 71 04	10
<b>Berker Arsys</b>		
white glossy	1417 00 02	10
polar white glossy	1417 00 69	10
brown glossy	1417 00 01	10
light bronze matt, aluminium lacquered	1418 00 01	10
Stainless steel, metal matt finish	1418 00 04	10



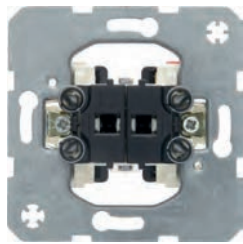


DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy <sup>3)</sup>	★ 1624 20 89	10
black glossy <sup>3)</sup>	★ 1624 20 45	10

<sup>1)</sup> with cover plug for screw fitting  
<sup>2)</sup> with orange lens  
<sup>3)</sup> with clear lens

**Rocker switch, 2gang**

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1



**Series switch**

Rated voltage 250 V~ ■ for illumination and monitoring circuit  
Switching current 10 AX ■ with plug-in terminals

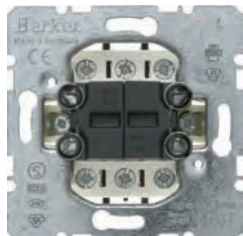
SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit with N terminal for series switch	1680	74
LED unit 230 V, for switches/push-buttons	1686 ..	74
LED unit for switches/push-buttons	1687	74

**i 909**



DESIGN	ORDER NO.	PU
Series switch	<b>3035</b>	10
Series switch for installation in hollow walls <sup>1)</sup>	<b>3035 50</b>	10

<sup>1)</sup> low installation depth, without spreader claws



**Double change-over switch, isolated input terminals**

Rated voltage 250 V~ ■ for illumination  
Switching current 10 AX ■ with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit for switches/push-buttons	1600 02	73

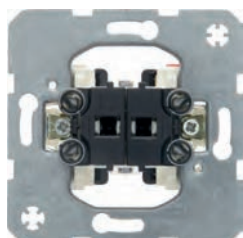
**i 909**



DESIGN	ORDER NO.	PU
Double change-over switch, isolated input terminals	<b>3038 08</b>	10

**Series push-button**

- Connection terminals according to IEC 60669-1



**Series push-button**

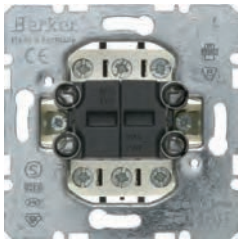
Rated voltage 250 V~ ■ for illumination  
Momentary-contact current 10 A ■ with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit 230 V, for switches/push-buttons	168 ..	74

**i 910**

DESIGN	ORDER NO.	PU
Series push-button, 2 NO contacts, common input terminal	<b>5035</b>	10
Series push-button, NC contact + NO contact, isolated input terminals	<b>5035 01</b>	10
Series push-button, 2 NO contacts, isolated input terminals	<b>5035 03</b>	10





**Series push-button, 2 change-over contacts**

Rated voltage 250 V~  
Momentary-contact current 10 A

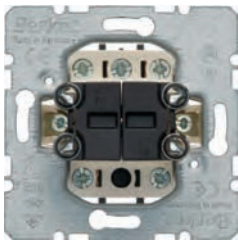
- double change-over contact, usable as NC or NO with separate input terminals
- for illumination
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b> Neon lamp unit for switches/push-buttons	1600 02	73

**i 910**



DESIGN	ORDER NO.	PU
Series push-button, 2 change-over contacts	<b>5038 08</b>	10



**Group series push-button, 4 NO contacts, common input terminal**

- 0 position



Rated voltage 250 V~  
Momentary-contact current 10 A

- with neutral-position
- for illumination
- also suitable as series push-button for blinds
- with screw terminals

Follow the motor manufacturers' instructions.

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b> Neon lamp unit for switches/push-buttons	1600 02	73

**i 910**



DESIGN	ORDER NO.	PU
Group series push-button, 4 NO contacts, common input terminal	<b>5034 04</b>	10

**Rockers, 2gang, for switches/push-buttons**



**Rocker 2gang**

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>1623 89 82</b>	10
polar white glossy	<b>1623 89 89</b>	10
polar white matt	<b>1623 19 09</b>	10
anthracite matt	<b>1623 16 06</b>	10
aluminium matt, lacquered	<b>1623 14 04</b>	10
polar white matt, Screw-on <sup>1)</sup>	<b>1571 19 09</b>	10
anthracite matt, Screw-on <sup>1)</sup>	<b>1571 16 06</b>	10
aluminium matt, lacquered, Screw-on <sup>1)</sup>	<b>1571 14 04</b>	10

**Modul 2**

white glossy	# <b>1623 02</b>	10
polar white glossy	# <b>1623 09</b>	10
white glossy, Screw-on <sup>1)</sup>	# <b>1571 02</b>	10
polar white glossy, Screw-on <sup>1)</sup>	# <b>1571 09</b>	10



**Berker Q.1/Q.3**

polar white velvety	<b>1623 60 89</b>	10
anthracite velvety, lacquered	* <b>1623 60 86</b>	10





**Berker K.1/K.5**

polar white glossy	<b>1435 70 09</b>	10
anthracite matt, lacquered	<b>1435 70 06</b>	10
Aluminium, aluminium anodised	* <b>1435 70 03</b>	10
Stainless steel, metal matt finish	<b>1435 70 04</b>	10



	DESIGN	ORDER NO.	PU
	<b>Berker Arsys</b>		
	white glossy	<b>1435 00 02</b>	10
	polar white glossy	<b>1435 00 69</b>	10
	brown glossy	<b>1435 00 01</b>	10
	light bronze matt, aluminium lacquered	<b>1434 00 01</b>	10
	Stainless steel, metal matt finish	<b>1434 00 04</b>	10
	gold matt, aluminium anodised	<b>1434 00 02</b>	10
	Stainless steel, metal matt finish, Screw-on <sup>1)</sup>	<b>1434 00 10</b>	10
	<b>Berker R.1/R.3</b>		
	polar white glossy	★ <b>1623 20 89</b>	10
	black glossy	★ <b>1623 20 45</b>	10

<sup>1)</sup> with cover plug for screw fitting

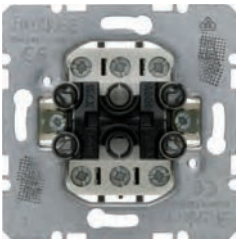
	DESIGN	ORDER NO.	PU
	<b>Rocker 2gang</b>		
	<b>- Red lens</b>		
			
		■ for illumination and monitoring circuit	
		■ also for KNX applications: push-button, 2gang, and group push-button, 2gang	
	<b>Berker S.1/B.3/B.7</b>		
	white glossy	<b>1627 89 82</b>	10
	polar white glossy	<b>1627 89 89</b>	10
	polar white matt	<b>1627 19 09</b>	10
	anthracite matt	<b>1627 16 06</b>	10
	aluminium matt, lacquered	<b>1627 14 04</b>	10
	<b>Modul 2</b>		
white glossy	# <b>1627 02</b>	10	
polar white glossy	# <b>1627 09</b>	10	
	<b>Berker Q.1/Q.3</b>		
	polar white velvety <sup>1)</sup>	<b>1627 60 89</b>	10
	anthracite velvety, lacquered <sup>1)</sup>	★ <b>1627 60 86</b>	10
	<b>Berker K.1/K.5</b>		
	polar white glossy	<b>1437 70 09</b>	10
	anthracite matt, lacquered	<b>1437 70 06</b>	10
	aluminium matt, lacquered	★ <b>1437 70 03</b>	10
	stainless steel matt, lacquered	<b>1437 70 04</b>	10
	<b>Berker Arsys</b>		
	white glossy	<b>1437 00 02</b>	10
	polar white glossy	<b>1437 00 69</b>	10
	brown glossy	<b>1437 00 01</b>	10
	<b>Berker R.1/R.3</b>		
	polar white glossy <sup>2)</sup>	★ <b>1627 20 89</b>	10
	black glossy <sup>2)</sup>	★ <b>1627 20 45</b>	10

<sup>1)</sup> with orange and clear lens  
<sup>2)</sup> with clear lens





**Rocker switch, 3gang**



**On/off switch 3gang**

Rated voltage  
Switching current

400 V~ ■ 3 x 1 pole Off  
16 AX ■ with screw terminals

DESIGN	ORDER NO.	PU
On/off switch 3gang	<b>6330 23</b>	10



**Rocker 3gang**

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1665 89 82</b>	10
polar white glossy	<b>1665 89 89</b>	10
polar white matt	<b>1665 19 09</b>	10
anthracite matt	<b>1665 16 06</b>	10
aluminium matt, lacquered	<b>1665 14 04</b>	10
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1665 60 89</b>	10
anthracite velvety, lacquered	* <b>1665 60 86</b>	10



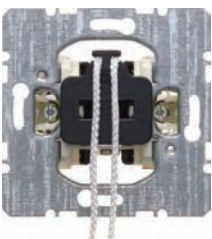
<b>Berker K.1/K.5</b>		
polar white glossy	<b>1465 70 09</b>	10
anthracite matt, lacquered	<b>1465 70 06</b>	10
Aluminium, aluminium anodised	* <b>1465 70 03</b>	10
stainless steel matt, lacquered	<b>1465 70 04</b>	10

<b>Berker Arsys</b>		
white glossy	<b>1465 00 02</b>	10
polar white glossy	<b>1465 00 69</b>	10
brown glossy	<b>1465 00 01</b>	10
light bronze matt, lacquered	<b>1465 90 11</b>	10
stainless steel matt, lacquered	<b>1465 90 04</b>	10

<b>Berker R.1/R.3</b>		
polar white glossy	* <b>1665 20 89</b>	10
black glossy	* <b>1665 20 45</b>	10

**Pullcord switches/pullcord push-buttons**

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm<sup>2</sup>



**Pullcord switch off/change-over**

Rated voltage  
Switching current  
Long pullcord

250 V~ ■ for illumination and monitoring circuit  
10 AX ■ for wall and ceiling mounting  
14 cm ■ with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit with N terminal	1605 1 ..	73

**i 909**



DESIGN	ORDER NO.	PU
Pullcord switch off/change-over	<b>3966</b>	10



**Pullcord push-button, change-over contact with separate signal contact**

Rated voltage	250 V~	■ for illumination and monitoring circuit
Momentary-contact current	10 A	■ for wall and ceiling mounting
Long pullcord	14 cm	■ with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73

**i 910**



DESIGN	ORDER NO.	PU
Pullcord push-button, change-over contact with separate signal contact	<b>3956 19</b>	10



**Centre plate for pullcord switch/pullcord push-button**

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1146 89 82</b>	10
polar white glossy	<b>1146 89 89</b>	10
polar white matt	<b>1146 19 09</b>	10
anthracite matt	<b>1146 16 06</b>	10
aluminium matt, lacquered	<b>1146 14 04</b>	10

**Modul 2**

white glossy	# <b>1146 02</b>	10
polar white glossy	# <b>1146 09</b>	10



NEW

**Berker Q.1/Q.3**

polar white velvety	<b>1146 60 89</b>	10
anthracite velvety, lacquered	* <b>1146 60 86</b>	10



**Berker K.1/K.5**

polar white glossy	<b>1147 70 09</b>	10
anthracite matt, lacquered	<b>1147 70 06</b>	10



**Berker Arsys**

white glossy	<b>1147 00 02</b>	10
polar white glossy	<b>1147 00 69</b>	10
brown glossy	<b>1147 00 01</b>	10
light bronze matt, lacquered	<b>1147 90 11</b>	10
stainless steel matt, lacquered	<b>1147 90 04</b>	10



NEW

**Berker R.1/R.3**

polar white glossy	* <b>1146 20 89</b>	10
black glossy	* <b>1146 20 45</b>	10



**Centre plate for pullcord switch/pullcord push-button**

- Red lens



DESIGN	ORDER NO.	PU
<b>Modul 2</b>		
white glossy	# <b>1149 02</b>	10
polar white glossy	# <b>1149 09</b>	10



**Key switches/key push-buttons**

- For standardised profile half-cylinder lock, 40 mm
- For master-key systems
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm<sup>2</sup>

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Change-over switch 2pole for lock cylinders**

Rated voltage 250 V~ ■ without spreader claws  
Switching current 10 A ■ with screw terminals

Not suitable for water-protected, flush-mounted installation IP44.

**SUITABLE FOR**  
Lock cylinder

**ORDER NO.** 1818 .. **PAGE** 79

**i 910**



DESIGN	ORDER NO.	PU
Change-over switch 2pole for lock cylinders	<b>3826 10</b>	10



**Change-over switch for lock cylinders**

**- Earthing contact**



Rated voltage 250 V~  
Switching current 10 A

- without spreader claws
- with screw terminals

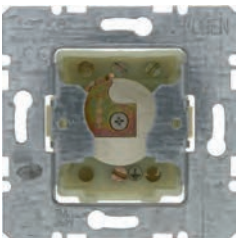
**SUITABLE FOR**  
Lock cylinder

**ORDER NO.** 1818 .. **PAGE** 79

**i 910**



DESIGN	ORDER NO.	PU
Change-over switch for lock cylinders	<b>3836 20</b>	10



**Push-button for lock cylinder**

**- Earthing contact**



Rated voltage 250 V~  
Momentary-contact current 10 A

- change-over contact, usable as NC or NO
- without spreader claws
- with screw terminals

**SUITABLE FOR**  
Lock cylinder

**ORDER NO.** 1818 .. **PAGE** 79

**i 910**



DESIGN	ORDER NO.	PU
Push-button for lock cylinder	<b>3856 20</b>	10



**Centre plate for key switch/key push-button**

DESIGN

**Berker S.1/B.3/B.7**

	ORDER NO.	PU
white glossy	<b>1507 89 82</b>	10
polar white glossy	<b>1507 89 89</b>	10
polar white matt	<b>1507 19 09</b>	10
anthracite matt	<b>1507 16 06</b>	10
aluminium matt, lacquered	<b>1507 14 04</b>	10

**Modul 2**

white glossy	# <b>1507 12</b>	10
polar white glossy	# <b>1507 19</b>	10





DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1507 60 89</b>	10
anthracite velvety, lacquered	* <b>1507 60 86</b>	10



<b>Berker K.1/K.5</b>		
polar white glossy	<b>1505 70 09</b>	10
anthracite matt, lacquered	<b>1505 70 06</b>	10
aluminium matt, lacquered	* <b>1505 70 03</b>	10
stainless steel matt, lacquered	<b>1505 70 04</b>	10



<b>Berker Arsys</b>		
white glossy	<b>1505 00 12</b>	10
polar white glossy	<b>1505 00 79</b>	10
brown glossy	<b>1505 00 11</b>	10
light bronze matt, lacquered	<b>1505 90 21</b>	10
stainless steel matt, lacquered	<b>1505 90 14</b>	10

### Residual current circuit-breaker



#### Residual current circuit-breaker

Rated voltage	230 V~	■ to protect downstream loads
Frequency	50/60 Hz	■ type A for alternating currents and pulsating direct currents
Rated current	16 A	■ without spreader claws
Measurement error current	30 mA	■ with plug-in terminals
Trigger time	≤ 30 ms	
Short-circuit resistance (with back-up fuse 16 AgL)	3 kA	
Surge current resistance	250 A (8/20) μs	
Operating temperature	-25 ... +40 °C	
Insertion depth	32 mm	

**i 967**

Tested conform according to VDE 0664 (EN 61008)

Suitable for use according to according to DIN VDE 0100-410



DESIGN	ORDER NO.	PU
Residual current circuit-breaker	<b>2844</b>	1



#### 50 x 50 mm centre plate for RCD protection switch

Caution!  
Use only with intermediate ring for 50 x 50 mm centre plate from the corresponding range.

DESIGN	ORDER NO.	PU
white glossy	<b>1493 02</b>	1
polar white glossy	<b>1493 09</b>	1
polar white matt/velvety	<b>1493 19 09</b>	1
anthracite matt	<b>1493 16 06</b>	1
brown glossy	<b>1493 01</b>	1
aluminium matt, lacquered	<b>1493 14 04</b>	1
light bronze matt, lacquered	<b>1493 11</b>	1
stainless steel matt, lacquered	<b>1493 04</b>	1



**TIME SWITCHES**

**Mechanical time switches**



**Mechanical timer**

Rated voltage 250 V~  
 Switching current 16 AX  
 Running accuracy ± 10 % per month

- reset with slip-clutch
- with through terminal
- without spreader claws
- with screw terminals

**i 909**



DESIGN	ORDER NO.	PU
2-pole off, 15 min	<b>2040</b>	1
2-pole off, 120 min	<b>2041</b>	1



**Centre plate for mechanical timer, 15 min**

■ with time scale symbol imprint

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1632 89 82</b>	1
polar white glossy	<b>1632 89 89</b>	1
polar white matt	<b>1632 19 09</b>	1
anthracite matt	<b>1632 16 06</b>	1
aluminium matt, lacquered	<b>1632 14 04</b>	1
<b>Modul 2</b>		
white glossy	# <b>1632 02</b>	1
polar white glossy	# <b>1632 09</b>	1



<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1632 60 89</b>	1
anthracite velvety, lacquered	* <b>1632 60 86</b>	1



<b>Berker K.1/K.5</b>		
polar white glossy	<b>1634 71 09</b>	1
anthracite matt, lacquered	<b>1634 71 06</b>	1
Aluminium, aluminium anodised	* <b>1634 71 03</b>	1
Stainless steel, metal matt finish	<b>1634 71 04</b>	1



<b>Berker Arsys</b>		
white glossy	<b>1634 00 02</b>	1
polar white glossy	<b>1634 00 69</b>	1
brown glossy	<b>1634 00 01</b>	1
light bronze matt, aluminium lacquered	<b>1634 01 01</b>	1
Stainless steel, metal matt finish	<b>1634 01 04</b>	1
gold/polar white, matt/glossy, aluminium anodised	<b>1634 01 02</b>	1



<b>Berker R.1/R.3</b>		
polar white glossy	* <b>1632 20 89</b>	1
black glossy	* <b>1632 20 45</b>	1



**Centre plate for mechanical timer, 120 min**

■ with time scale symbol imprint

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7**

polar white glossy	<b>1633 89 89</b>	1
white glossy	<b>1633 89 82</b>	1
polar white matt	<b>1633 19 09</b>	1
anthracite matt	<b>1633 16 06</b>	1
aluminium matt, lacquered	<b>1633 14 04</b>	1

**Modul 2**

white glossy	# <b>1633 02</b>	1
polar white glossy	# <b>1633 09</b>	1



**Berker Q.1/Q.3**

polar white velvety	<b>1633 60 89</b>	1
anthracite velvety, lacquered	* <b>1633 60 86</b>	1



**Berker K.1/K.5**

polar white glossy	<b>1635 71 09</b>	1
anthracite matt, lacquered	<b>1635 71 06</b>	1
Aluminium, aluminium anodised	* <b>1635 71 03</b>	1
Stainless steel, metal matt finish	<b>1635 71 04</b>	1



**Berker Arsys**

white glossy	<b>1635 00 02</b>	1
polar white glossy	<b>1635 00 69</b>	1
brown glossy	<b>1635 00 01</b>	1
light bronze matt, aluminium lacquered	<b>1635 01 01</b>	1
Stainless steel, metal matt finish	<b>1635 01 04</b>	1
gold/polar white, matt/glossy, aluminium anodised	<b>1635 01 02</b>	1

**Berker R.1/R.3**

polar white glossy	* <b>1633 20 89</b>	1
black glossy	* <b>1633 20 45</b>	1



**Electronic time switches**

**Time relay insert**



Operating voltage	230/240 V~
Frequency	50/60 Hz
Delay time, adjustable	≈ 1 min ... 1 h
230 V incandescent lamps	1500 W
230 V halogen lamps	300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	500 VA
- parallel compensated	150 VA
- in Duo circuit	1000 VA
Axis dimension Ø	4 mm

- is switched off when actuated in the switched-on state
- very low noise
- with extension unit input for push-button (NO contact)
- electronic timer with on/off pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with red control LED

**SUITABLE FOR**

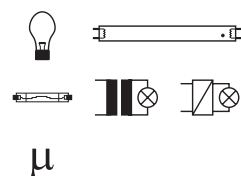
**optional**  
Making current limiter

**ORDER NO.**

185

**PAGE**

78



For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!



DESIGN

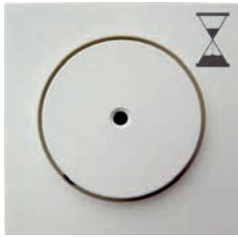
ORDER NO.

PU

Time relay insert

**2948 10**

1



**Centre plate for time relay insert**

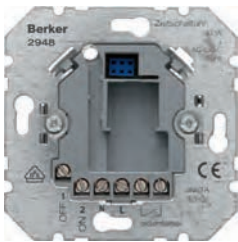
- Push-button with clear lens

■ with imprint



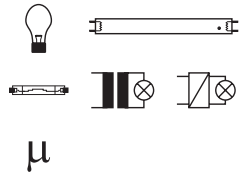
Axis dimension Ø 4 mm

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1674 89 82</b>	10
polar white glossy	<b>1674 89 89</b>	10
polar white matt	<b>1674 19 09</b>	10
anthracite matt	<b>1674 16 06</b>	10
aluminium matt, lacquered	<b>1674 14 04</b>	10
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1674 60 89</b>	10
anthracite velvety, lacquered	* <b>1674 60 86</b>	10
<b>Berker R.1/R.3</b>		
polar white glossy	* <b>1674 20 89</b>	10
black glossy	* <b>1674 20 45</b>	10



**Insert for timer**

Operating voltage	230 V~	■ with 230 V extension unit inputs for on and off
Frequency	50/60 Hz	■ with potential-free contact
230 V incandescent lamps and halogen lamps	1000 W	■ with screw terminals
Conventional transformers	500 VA	<b>SUITABLE FOR</b>
Electronic transformers	750 W	<b>optional</b>
Fluorescent lamps:		Making current limiter
- uncompensated	500 VA	ORDER NO. 185
- parallel compensated	400 VA	PAGE 78
- in Duo circuit	1000 VA	<b>i 912</b>



For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Recommendation: use deep box.  
Neutral conductor necessary!



DESIGN	ORDER NO.	PU
Insert for timer	<b>2948</b>	1



**Timer comfort for sensors**

**- Display**



Number of switching times for on/off	18
Astronomic time shift	± 2 h
Twilight setting range	≈ 6 ... 300 lx
Running accuracy	± 1 % per month
Power reserve	≈ 24 h
Random number generator	± 15 min
Countdown function	0 ... 23 h 59 min

For manual and time-programmed switching of electrical loads.

- after charging, the timer can also be programmed when removed.
- with imprint in German
- large-area display with symbols
- for sensor connection to socket contact or terminal block
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- with slide switch for manual/automatic
- with slide switch from summer to winter time
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	39
<b>optional</b>		
RolloTec brightness sensor	169	128
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>1738 89 82</b>	1
polar white glossy	<b>1738 89 89</b>	1
polar white matt	<b>1738 19 09</b>	1
anthracite matt	<b>1738 16 06</b>	1
aluminium matt, lacquered	<b>1738 14 04</b>	1

**Modul 2**

white glossy	# <b>1738 02</b>	1
polar white glossy	# <b>1738 09</b>	1

**Berker Q.1/Q.3**

polar white velvety	<b>1738 60 89</b>	1
anthracite velvety, lacquered	* <b>1738 60 86</b>	1

**Berker K.1/K.5**

polar white glossy	<b>1738 71 09</b>	1
anthracite matt, lacquered	<b>1738 71 06</b>	1
aluminium matt, lacquered	* <b>1738 71 03</b>	1
stainless steel matt, lacquered	<b>1738 71 04</b>	1

**Berker Arsys**

white glossy	<b>1738 00 02</b>	1
polar white glossy	<b>1738 00 69</b>	1
brown glossy	<b>1738 00 01</b>	1
light bronze matt, lacquered	<b>1738 90 11</b>	1
stainless steel matt, lacquered	<b>1738 90 04</b>	1







**Timer comfort**

**- Display**



- Number of switching times for on/off 18
- Astronomic time shift ± 2 h
- Power reserve ≈ 24 h
- Random number generator ± 15 min
- Countdown function 0 ... 23 h 59 min

For manual and time-programmed switching of electrical loads.

- after charging, the timer can also be programmed when removed.
- with imprint in German
- large-area display with symbols
- with slide switch for manual/automatic
- with slide switch from summer to winter time
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

**SUITABLE FOR**  
Insert for timer

**ORDER NO.**  
2948

**PAGE**  
39



DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	1736 89 82	1
polar white glossy	1736 89 89	1
polar white matt	1736 19 09	1
anthracite matt	1736 16 06	1
aluminium matt, lacquered	1736 14 04	1

**Modul 2**

white glossy	# 1736 02	1
polar white glossy	# 1736 09	1

**Berker Q.1/Q.3**

polar white velvety	1736 60 89	1
anthracite velvety, lacquered	* 1736 60 86	1

**Berker K.1/K.5**

polar white glossy	1736 71 09	1
anthracite matt, lacquered	1736 71 06	1
aluminium matt, lacquered	* 1736 71 03	1
stainless steel matt, lacquered	1736 71 04	1

**Berker Arsys**

white glossy	1736 00 02	1
polar white glossy	1736 00 69	1
brown glossy	1736 00 01	1
light bronze matt, lacquered	1736 90 11	1
stainless steel matt, lacquered	1736 90 04	1





**Timer Easy**

**- Display**



Switching times for on/off per program block

2

Power reserve (maintenance-free)

≈ 4 h

For manual and time-programmed switching of electrical loads.

- display of next switching time
- large-area display with symbols
- with slide switch for manual/automatic
- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode
- with automatic summer-/winter time switching (can be switched off)

**SUITABLE FOR**

Insert for timer

**ORDER NO.**

2948

**PAGE**

39

**i 912**

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7**

white glossy	<b>1735 89 82</b>	1
polar white glossy	<b>1735 89 89</b>	1
polar white matt	<b>1735 19 09</b>	1
anthracite matt	<b>1735 16 06</b>	1
aluminium matt, lacquered	<b>1735 14 04</b>	1

**Modul 2**

white glossy	# <b>1735 02</b>	1
polar white glossy	# <b>1735 09</b>	1

**Berker Q.1/Q.3**

polar white velvety	<b>1735 60 89</b>	1
anthracite velvety, lacquered	* <b>1735 60 86</b>	1

**Berker K.1/K.5**

polar white glossy	<b>1735 70 09</b>	1
anthracite matt, lacquered	<b>1735 70 06</b>	1
aluminium matt, lacquered	* <b>1735 70 03</b>	1
stainless steel matt, lacquered	<b>1735 70 04</b>	1

**Berker Arsys**

white glossy	<b>1735 00 02</b>	1
polar white glossy	<b>1735 00 69</b>	1
brown glossy	<b>1735 00 01</b>	1
light bronze matt, lacquered	<b>1735 90 11</b>	1
stainless steel matt, lacquered	<b>1735 90 04</b>	1



**DIMMERS**

**Rotary dimmers**



**Rotary dimmer with cover plate**

**- Setting knob**



Operating voltage

230 V~

Frequency

50 Hz

230 V incandescent lamps and halogen lamps

60 ... 400 W

Number of built-in power boosters (R, L)

max. 10

Axis dimension Ø

4 mm

- bulb-preserving soft startup
- phase cut-on
- with rotary on/off switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

**SUITABLE FOR**  
optional

Tronic power booster built-in (R, C)

**ORDER NO.**

2868

**PAGE**

63

**i 914**

DESIGN

ORDER NO.

PU

**Berker S.1**

white glossy	<b>2819 89 82</b>	1
polar white glossy	<b>2819 89 89</b>	1
polar white matt	<b>2819 99 09</b>	1



ε





**Modul 2**

white glossy	# 2819 02	1
polar white glossy	# 2819 09	1



**Rotary dimmer 400 W**

**- Setting knob**



Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm

- phase cut-on
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Power booster built-in (R, L)	2869	63



Possible to change fuse without removing cover.



DESIGN	ORDER NO.	PAGE
Rotary dimmer 400 W	<b>2830 10</b>	1



**Rotary dimmer 400 W**

**- Soft locking**



Operating voltage	230 V~
Frequency	50 Hz
Loss power at full load	≈ 4 W
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10
Operating temperature	+5 ... +25 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1,5 mm <sup>2</sup>
Axis dimension Ø	4 mm

- bulb-preserving soft startup
- phase cut-on
- with rotary on/off switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Power booster built-in (R, L)	2869	63



Possible to change fuse without removing cover.



DESIGN	ORDER NO.	PAGE
Rotary dimmer 400 W	<b>2819 01</b>	10



**Rotary dimmer 600 W**

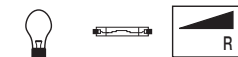
**- Soft locking**



Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	60 ... 600 W
Number of built-in Tronics or power boosters (R, L)	max. 10
Axis dimension Ø	4 mm

- phase cut-on
- with change-over pressure switch
- voltage test possible without dismantling
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77
Power booster built-in (R, L)	2869	63
Tronic power booster built-in (R, C)	2868	63



Possible to change fuse without removing cover.



**i 914**

DESIGN	ORDER NO.	PAGE
Rotary dimmer 600 W	<b>2875</b>	1



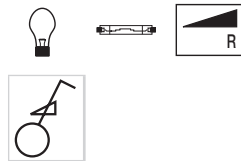
**Rotary dimmer 600 W**

Operating voltage 230/240 V~  
 Frequency 50/60 Hz  
 230 V incandescent lamps and halogen lamps 60 ... 600 W  
 Number of built-in power boosters (R, L) max. 10  
 Axis dimension Ø 4 mm

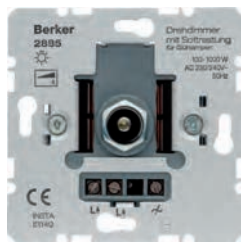
- phase cut-on
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Power booster built-in (R, L)	2869	63

Possible to change fuse without removing cover.



DESIGN	ORDER NO.	PU
Rotary dimmer 600 W	<b>2860 10</b>	1



**Rotary dimmer 1000 W**

**- Soft locking**

Operating voltage 230/240 V~  
 Frequency 50 Hz  
 230 V incandescent lamps and halogen lamps 100 ... 1000 W  
 Number of built-in Tronics or power boosters (R, L) max. 10  
 Axis dimension Ø 4 mm

- phase cut-off
- with change-over pressure switch
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Power booster built-in (R, L)	2869	63
Tronic power booster built-in (R, C)	2868	63

**i 914**

DESIGN	ORDER NO.	PU
Rotary dimmer 1000 W	<b>2885</b>	1



**Rotary dimmer (R, L)**

**- Soft locking**

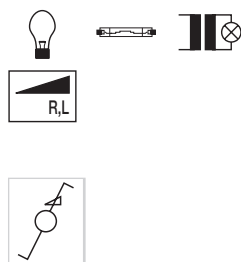
Operating voltage 230 V~  
 Frequency 50 Hz  
 230 V incandescent lamps and halogen lamps 20 ... 500 W  
 Dimmable conventional transformers 20 ... 500 VA  
 Number of built-in power boosters (R, L) max. 10  
 Axis dimension Ø 4 mm

- phase cut-on
- basic brightness programmable
- with change-over pressure switch
- voltage test possible without dismantling
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with terminal for base load from mains isolator
- with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77
Power booster built-in (R, L)	2869	63

**i 914**

Possible to change fuse without removing cover.



DESIGN	ORDER NO.	PU
Rotary dimmer (R, L)	<b>2873</b>	1



**Rotary dimmer (R, L)**

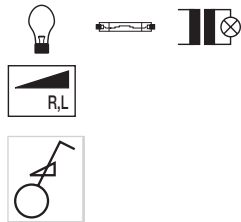
Operating voltage 230/240 V~  
 Frequency 50/60 Hz  
 230 V incandescent lamps and halogen lamps 20 ... 500 W  
 Dimmable conventional transformers 20 ... 500 VA  
 Number of built-in power boosters (R, L) max. 10  
 Axis dimension Ø 4 mm

- phase cut-on
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Power booster built-in (R, L)	2869	63

Possible to change fuse without removing cover.

In case of excessive switch-on currents (for conventional transformers), use switch-on current limiters order no. 185.



DESIGN	ORDER NO.	PU
Rotary dimmer (R, L)	<b>2866 10</b>	1



**Tronic rotary dimmer 360 W (R, C)**

**- Soft locking**

Operating voltage 230/240 V~  
 Frequency 50 Hz  
 230 V incandescent lamps and halogen lamps 20 ... 360 W  
 Electronic transformers 20 ... 360 W  
 Number of built-in Tronic power boosters (R, C) max. 10  
 Number of universal power boosters, 500 W max. 10  
 Axis dimension Ø 4 mm

- bulb-preserving soft startup
- phase cut-off
- very low noise
- with change-over pressure switch
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Tronic power booster built-in (R, C)	2868	63
Universal power booster Plus RMD	1 6599 01	62

Trouble-free operation will be obtained only with Berker Tronic transformers.



DESIGN	ORDER NO.	PU
Tronic rotary dimmer 360 W (R, C)	<b>2867 10</b>	1



**Tronic rotary dimmer 525 W (R, C)**

**- Soft locking**

Operating voltage 230 V~  
 Frequency 50 Hz  
 230 V incandescent lamps and halogen lamps 20 ... 525 W  
 Electronic transformers 20 ... 525 W  
 Number of built-in Tronic power boosters (R, C) max. 10  
 Number of universal power boosters, 500 W max. 10  
 Axis dimension Ø 4 mm

- bulb-preserving soft startup
- phase cut-off
- very low noise
- with change-over pressure switch
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- voltage test possible without dismantling
- short-circuit and overload proof (electronic fuse)
- with terminal for base load from mains isolator
- with plug-in terminals

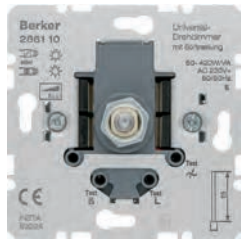
SUITABLE FOR optional	ORDER NO.	PAGE
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77
Tronic power booster built-in (R, C)	2868	63
Universal power booster Plus RMD	1 6599 01	62

Trouble-free operation will be obtained only with Berker Tronic transformers.



DESIGN	ORDER NO.	PU
Tronic rotary dimmer 525 W (R, C)	<b>2874</b>	1

**i 914**



**Universal rotary dimmer (R, L, C)**

- Soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Axis dimension Ø	4 mm

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

- with input for extension units insert for universal rotary dimmer
- with brightness memory
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- very low noise
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with incremental encoder
- voltage test possible without dismantling
- short-circuit and overload proof (electronic fuse)
- with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77
Power booster built-in (R, L)	2869	63
Tronic power booster built-in (R, C)	2868	63
Universal power booster Plus RMD	1 6599 01	62

**i 915**



DESIGN	ORDER NO.	PU
Universal rotary dimmer (R, L, C)	<b>2861 10</b>	1



**Extension units insert for universal rotary dimmer**

- Soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
Number of substations	max. 5
Axis dimension Ø	4 mm

- as extension unit for universal rotary dimmer
- voltage test possible without dismantling
- with incremental encoder
- with plug-in terminals

**i 915**



DESIGN	ORDER NO.	PU
Extension units insert for universal rotary dimmer	<b>2862 10</b>	1

**Rotary potentiometer DALI**



**Rotary potentiometer DALI**

- Soft locking



DALI voltage	16 V= (9,5 ... 22,5 V=)
Current consumption	< 2 mA
Quantity of DALI devices	max. 64
DALI cable length at 1.5 mm <sup>2</sup>	max. 200 m
Axis dimension Ø	4 mm

Possible to change fuse without removing cover.

Not suitable for combining with other DALI sensors or central units.

DALI draft according to DIN IEC 60929

Power supply required to DALI specifications DIN IEC 60929 required

- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- with on/off pressure switch
- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- for wiring in parallel (last potentiometer setting applicable)
- control is effected by central telegram (broadcast)
- with screw terminals

**i 936**



DESIGN	ORDER NO.	PU
Rotary potentiometer DALI	<b>2897</b>	1



**DALI rotary potentiometer with power supply**

**- Soft locking**



Rated voltage	230 V~
Frequency	50/60 Hz
DALI voltage	16 V=
Output current	max. 52 mA
Power consumption	>= 1.5 W
DALI cable length at 1.5 mm <sup>2</sup>	max. 200 m
Axis dimension Ø	4 mm
Quantity of DALI devices with an active DALI potentiometer	26
Quantity of DALI devices with 4 active DALI potentiometers in parallel	104

Not suitable for combining with other DALI sensors or centres.

DALI draft according to DIN IEC 60929

- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- with on/off pressure switch
- basic brightness programmable
- switch-on brightness level can be stored safe after power failure
- e.g. for fluorescent lamps and LV halogen lamps
- short-circuit and overload proof (electronic fuse)
- supplies the necessary control current for additional DALI users in the active operation to mains vo
- without mains voltage in passive operation on DALI voltage the unit serves as an additional control
- parallel connection of max. 4 active DALI potentiometers possible
- control is effected by central telegram (broadcast)
- with incremental encoder
- with screw terminals



DESIGN	ORDER NO.	PU
DALI rotary potentiometer with power supply	<b>2898</b>	1

**1-10 V Rotary potentiometer**



**1-10 V rotary potentiometer**

**- Soft locking**



Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	6 A
Control current	50 mA
Axis dimension Ø	4 mm

With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Possible to change fuse without removing cover.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Interface to according to DIN EN 61347-2-3

- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with on/off pressure switch
- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Making current limiter	185	78
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77

**i 935**



DESIGN	ORDER NO.	PU
1-10 V rotary potentiometer	<b>2891 10</b>	1



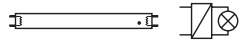
**1 - 10 V push-button rotary potentiometer, NO contact**

**- Soft locking**



Operating voltage	230/240 V~
Frequency	50/60 Hz
Momentary-contact current	max. 2 A
Control current	50 mA
Axis dimension Ø	4 mm

- with push-button, NO contact
- e.g. for fluorescent lamps and LV halogen lamps
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- for activation of pulse relays
- for controlling electronic ballasts and Tronic transformers with 1 - 10 V interface, 105 W
- with screw terminals



With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Possible to change fuse without removing cover.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Interface to according to DIN EN 61347-2-3

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Making current limiter	185	78
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77

**i 935**



DESIGN	ORDER NO.	PU
1 - 10 V push-button rotary potentiometer, NO contact	<b>2896 10</b>	1

**Covers for rotary dimmers/rotary potentiometers**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Centre plate for rotary dimmer/rotary potentiometer**

**- Setting knob**



Axis dimension Ø	4 mm
------------------	------

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>1137 89 82</b>	10
polar white glossy	<b>1137 89 89</b>	10
polar white matt	<b>1137 19 09</b>	10
anthracite matt	<b>1137 16 06</b>	10
aluminium matt, lacquered	<b>1137 14 04</b>	10

**Modul 2**

white glossy	<b># 1137 02</b>	10
polar white glossy	<b># 1137 09</b>	10

**Berker Q.1/Q.3**

polar white velvety	<b>1137 60 89</b>	10
anthracite velvety, lacquered	<b>* 1137 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1135 70 09</b>	10
anthracite matt, lacquered	<b>1135 70 06</b>	10
Aluminium, aluminium anodised	<b>* 1135 70 03</b>	10
Stainless steel, metal matt finish	<b>1135 70 04</b>	10







DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
white glossy	<b>1135 00 02</b>	10
polar white glossy	<b>1135 00 69</b>	10
brown glossy	<b>1135 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1134 00 01</b>	10
Stainless steel, metal matt finish	<b>1134 00 04</b>	10
gold matt, aluminium anodised	<b>1134 00 02</b>	10
<b>Berker R.1/R.3</b>		
polar white glossy	* <b>1137 20 89</b>	10
black glossy	* <b>1137 20 45</b>	10



**Cover for rotary dimmers/rotary potentiometers**

**- Setting knob**



Axis dimension Ø 4 mm

DESIGN	ORDER NO.	PU
<b>Berker S.1</b>		
white glossy	<b>1130 89 82</b>	10
polar white glossy	<b>1130 89 89</b>	10
polar white matt	<b>1130 99 09</b>	10
<b>Modul 2</b>		
white glossy	# <b>1130 02</b>	10
polar white glossy	# <b>1130 09</b>	10



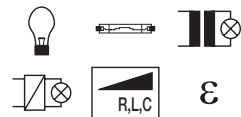
**Series touch dimmers**



**Universal series touch dimmer (R, L, C)**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 260 W
Dimmable conventional transformers	50 ... 260 VA
Electronic transformers	50 ... 260 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of 1gang universal power boosters, 500 W for phase cut-off	max. 10

- an extension input for both series by means of BLC extension unit
- switch-on brightness retained for series on mains power failure
- bulb-preserving soft startup
- phase cut-on or cut-off per series according to load type, self-learning
- for 2 independent lighting groups
- very low noise
- short-circuit and overload proof (electronic fuse)
- with screw terminals



Trouble-free operation will be obtained only with Berker Tronic transformers.  
Do not connect conventional transformers to one output together with electronic transformers.

SUITABLE FOR optional	ORDER NO.	PAGE
Power booster built-in (R, L)	2869	63
Tronic power booster built-in (R, C)	2868	63
Universal power booster Plus RMD	1 6599 01	62

**i 915**



DESIGN	ORDER NO.	PU
Universal series touch dimmer (R, L, C)	<b>2901</b>	1



**Button for universal series touch dimmer**

- with 2-push-buttons operation concept per series
- for 2 independent lighting groups

**i 915**

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7**

white glossy	<b>1765 89 82</b>	1
polar white glossy	<b>1765 89 89</b>	1
polar white matt	<b>1765 19 09</b>	1
anthracite matt	<b>1765 16 06</b>	1
aluminium matt, lacquered	<b>1765 14 04</b>	1

**Modul 2**

white glossy	# <b>1765 02</b>	1
polar white glossy	# <b>1765 09</b>	1



**Berker Q.1/Q.3**

polar white velvety	<b>1765 60 89</b>	1
anthracite velvety, lacquered	* <b>1765 60 86</b>	1



**Berker K.1/K.5**

polar white glossy	<b>1765 70 09</b>	1
anthracite matt, lacquered	<b>1765 70 06</b>	1
Aluminium, aluminium anodised	* <b>1765 70 03</b>	1
Stainless steel, metal matt finish	<b>1765 70 04</b>	1



**Berker Arsys**

white glossy	<b>1765 00 02</b>	1
polar white glossy	<b>1765 00 69</b>	1
brown glossy	<b>1765 00 01</b>	1
light bronze matt, aluminium lacquered	<b>1765 00 11</b>	1
Stainless steel, metal matt finish	<b>1765 00 04</b>	1
gold matt, aluminium anodised	<b>1765 00 12</b>	1





**NEW ELECTRONICS PLATFORM**

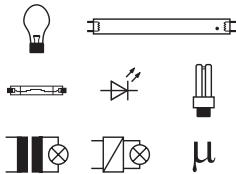
**Switches**

**NEW**



**Relay insert**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA/channel
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronic ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Minimum contact load	≈ 15 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm



- low intrinsic energy requirement
- also usable as push-button relay switch
- automatic setting to dimmable loads (autoDetect process)
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

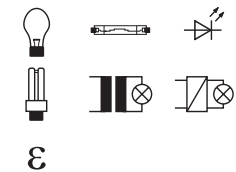
DESIGN	ORDER NO.	PU
Relay insert	<b>* 8512 12 00</b>	1

**NEW**



**Switch insert 1gang**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm



- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62

DESIGN	ORDER NO.	PU
Switch insert 1gang	<b>* 8512 11 00</b>	1



**Button 1gang**

Operating voltage via insert  
 Operating temperature -5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	★ 8514 11 82	1
polar white glossy	★ 8514 11 89	1
polar white matt	★ 8514 11 88	1
anthracite matt, lacquered	★ 8514 11 85	1
aluminium matt, lacquered	★ 8514 11 83	1



**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	★ 8514 11 39	1
black glossy <sup>1)</sup>	★ 8514 11 31	1

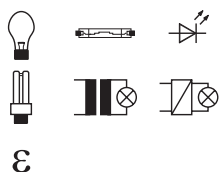
<sup>1)</sup>



**Switch insert 2gang**

Operating voltage 230 V~  
 Frequency 50/60 Hz  
 Power consumption (standby) < 1 W  
 230 V incandescent lamps and halogen lamps per channel 35 ... 300 W  
 Dimmable 230 V retrofit LED lamps per channel 12 ... 54 W  
 Dimmable energy-saving lamps per channel 15 ... 54 W  
 Dimmable conventional transformers per channel 35 ... 300 VA  
 Electronic transformers and dual-mode transformers per channel 35 ... 300 W  
 Operating temperature -5 ... +45 °C  
 Number of substations unlimited  
 Cable length, extensions max. per channel 50 m  
 Load cable length max. 100 m  
 Screw terminals max. 2 x 1,5 / 1 x 2,5 mm<sup>2</sup>  
 Insertion depth 32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Do not connect inductive and capacitive loads jointly.  
 Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

DESIGN ORDER NO. PU

Switch insert 2gang	★ 8512 22 00	1
---------------------	--------------	---



**Button 2gang**

Operating voltage via insert  
 Operating temperature -5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept per series
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	★ 8514 21 82	1
polar white glossy	★ 8514 21 89	1
polar white matt	★ 8514 21 88	1
anthracite matt, lacquered	★ 8514 21 85	1
aluminium matt, lacquered	★ 8514 21 83	1



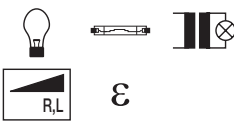
**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>* 8514 21 39</b>	1
black glossy <sup>1)</sup>	<b>* 8514 21 31</b>	1

**Dimmers**

**NEW**

**Touch dimmer (R, L)**



Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm

- low intrinsic energy requirement
- switch-on brightness level can be stored safe after power failure
- bulb-preserving soft startup
- phase cut-on
- short-circuit and overload proof (electronic fuse)
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

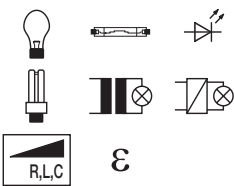
SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b> Universal power booster Plus RMD	1 6599 01	62

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

DESIGN	ORDER NO.	PU
Touch dimmer (R, L)	<b>* 8542 11 00</b>	1

**NEW**

**Universal touch dimmer 1gang**



Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Quantity LED lamps	max. 8
Quantity energy-saving lamps	max. 8
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b> Universal power booster Plus RMD	1 6599 01	62

Do not connect inductive and capacitive loads jointly.  
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

DESIGN	ORDER NO.	PU
Universal touch dimmer 1gang	<b>* 8542 12 00</b>	1

**NEW**

**Button 1gang**

Operating voltage via insert  
 Operating temperature -5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	★ 8514 11 82	1
polar white glossy	★ 8514 11 89	1
polar white matt	★ 8514 11 88	1
anthracite matt, lacquered	★ 8514 11 85	1
aluminium matt, lacquered	★ 8514 11 83	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	★ 8514 11 39	1
black glossy <sup>1)</sup>	★ 8514 11 31	1

**NEW**



<sup>1)</sup>

**NEW**

**Universal touch dimmer 2gang**

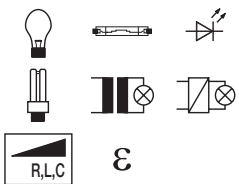


Operating voltage 230 V~  
 Frequency 50/60 Hz  
 Power consumption, standby (Channel 1/Channel 2) 0,3/0,7 W

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- with screw terminals

230 V incandescent lamps and halogen lamps per channel 35 ... 300 W  
 Dimmable 230 V retrofit LED lamps per channel 12 ... 40 W  
 Dimmable energy-saving lamps per channel 15 ... 54 W  
 Dimmable conventional transformers per channel 35 ... 300 VA  
 Electronic transformers and dual-mode transformers per channel 35 ... 300 W

Quantity LED lamps max. 8  
 Quantity energy-saving lamps max. 8  
 Operating temperature -5 ... +45 °C  
 Number of substations unlimited  
 Cable length, extensions max. per channel 50 m  
 Load cable length max. 100 m  
 Screw terminals max. 2 x 1,5 / 1 x 2,5 mm<sup>2</sup>  
 Insertion depth 32 mm



Do not connect inductive and capacitive loads jointly per series.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

DESIGN ORDER NO. PU

Universal touch dimmer 2gang	★ 8542 21 00	1
------------------------------	--------------	---

**NEW**

**Button 2gang**

Operating voltage via insert  
 Operating temperature -5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept per series
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	★ 8514 21 82	1
polar white glossy	★ 8514 21 89	1
polar white matt	★ 8514 21 88	1
anthracite matt, lacquered	★ 8514 21 85	1
aluminium matt, lacquered	★ 8514 21 83	1



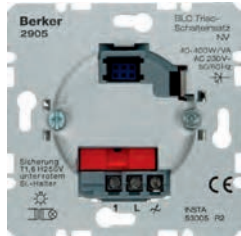
**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	* 8514 21 39	1
black glossy <sup>1)</sup>	* 8514 21 31	1

<sup>1)</sup>

**BLC - BERKER LIGHT CONTROL**

**BLC switches**



**BLC triac insert (R, L)**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	40 ... 400 W
Dimmable conventional transformers	40 ... 400 VA
Operating temperature	-20 ... +45 °C

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

Light scene function (On/Off) in conjunction with BLC radio button.

Possible to change fuse without removing cover.



Ⓔ

**SUITABLE FOR**

BLC push-buttons  
BLC controller  
BLC presence detectors

**ORDER NO.**

**PAGE**

page 60  
page 93  
page 100

**i 917**



**DESIGN**

BLC triac insert (R, L)

**ORDER NO.**

**2905**

**PU**

1



**BLC tronic insert (R, C)**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Electronic transformers	50 ... 420 W
Operating temperature	-20 ... +45 °C

- bulb-preserving soft startup
- phase cut-off
- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Light scene function (On/Off) in conjunction with BLC radio button.

For trouble-free operation, we recommend Berker Tronic transformers.



Ⓔ

**SUITABLE FOR**

BLC push-buttons  
BLC controller  
BLC presence detectors

**ORDER NO.**

**PAGE**

page 60  
page 93  
page 100

**i 917**



**DESIGN**

BLC tronic insert (R, C)

**ORDER NO.**

**2916**

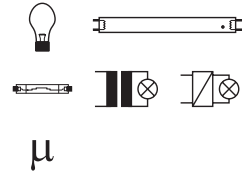
**PU**

1



**BLC relay insert**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Operating temperature	-20 ... +45 °C
Insertion depth	22 mm



For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.  
Light scene function (On/Off) in conjunction with BLC radio button.  
Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 60
BLC controller		page 93
BLC presence detectors		page 100
<b>optional</b>		
Making current limiter	185	78

**i 917**



DESIGN	ORDER NO.	PU
BLC relay insert	<b>2906</b>	1



**BLC relay insert**

**- Potential-free contact**

Operating voltage	230 V~
Frequency	50/60 Hz
Minimum load (at 12 V)	100 mA
230 V incandescent lamps	800 W
230 V halogen lamps	750 W
Operating temperature	+5 ... +35 °C



For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.  
Light scene function (On/Off) in conjunction with BLC radio button.  
Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- potential-free contact for function extra-low voltage FELV (only change-over voltage) suitable
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 60
BLC controller		page 93
BLC presence detectors		page 100
<b>optional</b>		
Making current limiter	185	78

**i 917**



DESIGN	ORDER NO.	PU
BLC relay insert	<b>2906 10</b>	1





**BLC relay insert HVAC**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Motor switching current (HLK channel)	2.1 A
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- in Duo circuit	1000 VA
Switch on delay HVAC-channel	0/3 min
HVAC-channel adjustable	≈ 2/10/30/60/120 min

- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/deactivated permanently with BLC button
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 60
BLC controller		page 93
BLC presence detectors		page 100
<b>optional</b>		
Making current limiter	185	78

**i 917**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!



DESIGN	ORDER NO.	PU
BLC relay insert HVAC	<b>2912</b>	1

**BLC stairwell light system**



**BLC timer RMD for stairway light**

Operating voltage	230 V~
Frequency	50 Hz
Delay time, adjustable	≈ 10 s ... 15 min
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Switch-on time (ED)	100 %
Electronic ballasts (EB)	700 W
Width of rail mounted device (RMD)	1 TE

- with slide switch for off/automatic/automatic with switch-off pre-warning/continuous on
- with switch-off advance warning, flashing at 30, 20 and 10 seconds before switching off
- NO contact
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC insert for timer	2934 10	58
<b>optional</b>		
Making current limiter	185	78
Interference suppressor for controller	123	109

**i 926**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

For contact suppression (spark suppression), we recommend using the radio interference suppressor, order no. 123.

For the connection of BLC inserts for timers and push-buttons, NO contact.

For 3-conductor circuit with neutral conductor and for 4-conductor circuit with neutral conductor or with phase.

Neutral conductor necessary!

For upgrading of stairwell light and pulse circuits without additional wiring.



DESIGN	ORDER NO.	PU
light grey	<b>163 01</b>	1



**BLC insert for timer**

Operating voltage	230 V~
Frequency	50 Hz
Control cable length	max. 100 m
Insertion depth	22 mm

Note:  
Delay time setting, switch-off prewarning and functions for off/automatic/continuous on are carried out on the BLC timer RMD for the stairway light.

For 3-conductor circuit with neutral conductor and for 4-conductor circuit with neutral conductor or phase.

Only suitable for BLC controller with imprint release issue "R3".

For upgrading of stairwell light and pulse circuits without additional wiring.

- with screw terminals

**SUITABLE FOR**

- BLC push-buttons
- BLC controller
- BLC presence detectors
- BLC timer RMD for stairway light

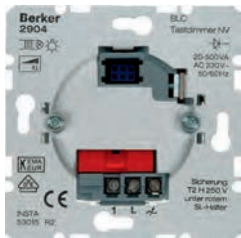
ORDER NO.	PAGE
	page 60
	page 93
	page 100
163 01	57

**i 926**



DESIGN	ORDER NO.	PU
BLC insert for timer	<b>2934 10</b>	1

**BLC dimmers**



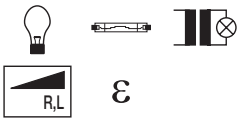
**BLC touch dimmer (R, L)**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Operating temperature	-20 ... +45 °C

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- switch-on brightness memory function
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Possible to change fuse without removing cover.



**SUITABLE FOR**

- BLC push-buttons
- BLC controller
- BLC presence detectors
- optional**
- Power booster built-in (R, L)

ORDER NO.	PAGE
	page 60
	page 93
	page 100
2869	63

**i 917**



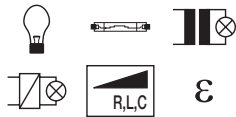
DESIGN	ORDER NO.	PU
BLC touch dimmer (R, L)	<b>2904</b>	1



**BLC universal touch dimmer (R, L, C)**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Operating temperature	-20 ... +45 °C
Insertion depth	22 mm

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with screw terminals



Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 60
BLC controller		page 93
BLC presence detectors		page 100
<b>optional</b>		
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77
Power booster built-in (R, L)	2869	63
Tronic power booster built-in (R, C)	2868	63
Universal power booster Plus RMD	1 6599 01	62

**i 917**



DESIGN	ORDER NO.	PU
BLC universal touch dimmer (R, L, C)	<b>2902</b>	1



**BLC 1 - 10 V push-button control unit**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	3.04 A
Control current	50 mA
Operating temperature	+5 ... +35 °C

- when cover is detached, the switch status is retained (wallpaper function)
- basic brightness programmable
- switch-on brightness level can be stored safe after power failure
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

In case of excessive switch-on currents use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend Berker 1 - 10 V Tronic transformers, 105 W, order no. 2977.

Neutral conductor necessary!

Interface to according to DIN EN 61347-2-3

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 60
BLC controller		page 93
BLC presence detectors		page 100
<b>optional</b>		
Making current limiter	185	78

**i 917**



DESIGN	ORDER NO.	PU
BLC 1 - 10 V push-button control unit	<b>2903</b>	1

**BLC extension units**



**BLC extension unit**

Operating voltage	230 V~
Frequency	50/60 Hz
Insertion depth	22 mm

- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 60
<b>optional</b>		
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77

**i 917**



DESIGN	ORDER NO.	PU
BLC extension unit	<b>2907</b>	1

**BLC push-buttons**



**BLC push-button**

- with 2-push-buttons operation concept
- switch-on brightness for BLC dimmer insert mains-failure protection storable

**SUITABLE FOR**  
BLC switches  
BLC dimmers

**ORDER NO.**      **PAGE**  
page 55  
page 58

**i 917**

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7**

white glossy	<b>1761 89 82</b>	1
polar white glossy	<b>1761 89 89</b>	1
polar white matt	<b>1761 19 09</b>	1
anthracite matt	<b>1761 16 06</b>	1
aluminium matt, lacquered	<b>1761 14 04</b>	1

**Modul 2**

white glossy	# <b>1761 02</b>	1
polar white glossy	# <b>1761 09</b>	1

**Berker Q.1/Q.3**

polar white velvety	<b>1761 60 89</b>	1
anthracite velvety, lacquered	* <b>1761 60 86</b>	1

**Berker K.1/K.5**

polar white glossy	<b>1761 70 09</b>	1
anthracite matt, lacquered	<b>1761 70 06</b>	1
Aluminium, aluminium anodised	* <b>1761 70 03</b>	1
Stainless steel, metal matt finish	<b>1761 70 04</b>	1

**Berker Arsys**

white glossy	<b>1761 00 02</b>	1
polar white glossy	<b>1761 00 69</b>	1
brown glossy	<b>1761 00 01</b>	1
light bronze matt, aluminium lacquered	<b>1761 00 11</b>	1
Stainless steel, metal matt finish	<b>1761 00 04</b>	1
gold matt, aluminium anodised	<b>1761 00 12</b>	1





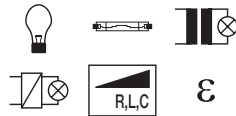
**(BUILT-IN)DIMMERS/POWER BOOSTERS**

**Built-in dimmers**



**Universal touch dimmer RMD (R, L, C)**

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 500 W
Dimmable conventional transformers	50 ... 500 VA
Electronic transformers	50 ... 500 W
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Control cable length	max. 100 m
Load cable length	max. 100 m
Assembling height as from DIN rail	63 mm
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	36 x 90 x 70 mm



Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

When using multiple dimmer or power boosters with a control cabinet, maintain a minimum spacing of 1 module width.

- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- with 2 manual buttons (2-surface operation) for ON (brighter) and OFF (darker)
- two-surface operation with BLC extension unit on extension unit input
- single-surface operation with push-button (NO contact) on extension unit input
- short-circuit and overload proof (electronic fuse)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with green indicator LED
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Power booster built-in (R, L)	2869	63
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77
Tronic power booster built-in (R, C)	2868	63
Universal power booster Plus RMD	1 6599 01	62

**i 916**

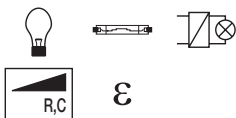


DESIGN	ORDER NO.	PU
light grey	<b>167 01</b>	1



**Tronic touch dimmer built-in (R, C)**

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	50 ... 700 W
Electronic transformers	50 ... 700 W
Number of built-in/RMD power boosters	max. 10
Number of universal capacity enhancers, 400 W	max. 10
Dimensions (L x W x H)	212 x 48.5 x 46 mm



Trouble-free operation will be obtained only with Berker Tronic transformers.

- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- bulb-preserving soft startup
- phase cut-off
- with selectable brightness memory
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Tronic power booster built-in (R, C)	2868	63
Universal power booster Plus RMD	1 6599 01	62

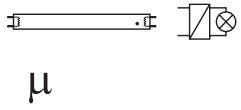
**i 916**



DESIGN	ORDER NO.	PU
polar white	<b>2943</b>	1



**1 - 10 V push-button control unit built-in**



Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	10 A
Control current	200 mA
Dimensions (L x W x H)	175 x 42 x 18 mm

With excessive switch-on currents, use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Neutral conductor necessary!

Interface to according to DIN EN 61347-2-3

- basic brightness programmable
- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- bulb-preserving soft startup
- e.g. for fluorescent lamps and LV halogen lamps
- with selectable brightness memory
- alarm zones can be activated individually or linked
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Making current limiter	185	78

**i 935**

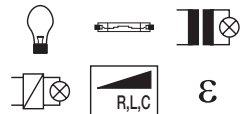


DESIGN	ORDER NO.	PU
polar white	<b>2872</b>	1

**Built-in power boosters**



**Universal power booster Plus RMD**



Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	200 ... 500 W
Dimmable conventional transformers	200 ... 420 VA
Electronic transformers	200 ... 500 W
Control cable length	max. 100 m
Load cable length	max. 100 m
Dimensions (W x H x D)	36 x 90 x 70 mm
Width of rail mounted device (RMD)	2 TE
Assembling height as from DIN rail	63 mm

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

When using multiple dimmer or power boosters with a control cabinet, maintain a minimum spacing of 1 module width.

- bulb-preserving soft startup
- common load switching for dimmer and power booster
- phase cut-on or cut-off according to load type, self-learning
- with selectable brightness memory
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Dimmers		page 53
Universal dim actuators		page 877
DIM ACTUATORS, FLUSH-MOUNTED/ BUILT-IN		page 754
BLC universal touch dimmer (R, L, C)	2902	59
Tronic rotary dimmer 360 W (R, C)	2867 10	45
Tronic rotary dimmer 525 W (R, C)	2874	45
Tronic touch dimmer built-in (R, C)	2943	61
Universal rotary dimmer (R, L, C)	2861 10	46
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	528
Universal series touch dimmer (R, L, C)	2901	49
Universal touch dimmer RMD (R, L, C)	167 01	61
Switch insert 1gang	8512 11 00	51
Touch dimmer (R, L)	8542 11 00	53
Universal touch dimmer 1gang	8542 12 00	53
<b>optional</b>		
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77

**i 916**



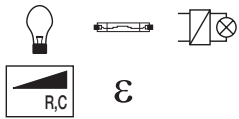
DESIGN	ORDER NO.	PU
light grey	<b>1 6599 01</b>	1



**Tronic power booster built-in (R, C)**

Operating voltage 230 V~  
 Frequency 50/60 Hz  
 230 V incandescent lamps and halogen lamps 100 ... 700 W  
 Electronic transformers 100 ... 700 W  
 Dimensions (L x W x H) 212 x 48.5 x 46 mm

- bulb-preserving soft startup
- phase cut-off
- short-circuit and overload proof (electronic fuse)
- with screw terminals



Trouble-free operation will be obtained only with Berker Tronic transformers.  
 Neutral conductor necessary!

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmer 600 W	2875	43
Rotary dimmer 1000 W	2885	44
Radio universal dim actuator EB	181	755
Rotary dimmer with cover plate	2819 ..	43
Tronic rotary dimmer 360 W (R, C)	2867 10	45
Tronic rotary dimmer 525 W (R, C)	2874	45
Tronic touch dimmer built-in (R, C)	2943	61
Universal rotary dimmer (R, L, C)	2861 10	46
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	528
Universal touch dimmer RMD (R, L, C)	167 01	61
Universal series touch dimmer (R, L, C)	2901	49
BLC universal touch dimmer (R, L, C)	2902	59
Universal dim actuator flush-mounted	7534 10 03	885
Radio universal dim actuator flush-mounted	9455 02 00	754
Radio universal dim actuator RMD	9455 01 00	759
Radio universal corded dim actuator	128	755

**i 916**



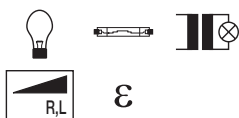
DESIGN	ORDER NO.	PU
polar white	<b>2868</b>	1



**Power booster built-in (R, L)**

Operating voltage 230 V~  
 Frequency 50 Hz  
 230 V incandescent lamps and halogen lamps 100 ... 600 W  
 Dimmable conventional transformers 100 ... 600 VA  
 Dimensions (L x W x H) 212 x 48.5 x 46 mm

- bulb-preserving soft startup
- phase cut-on
- short-circuit and overload proof (electronic fuse)
- with screw terminals



With excessive switch-on currents, use switching current limiters order no. 185.  
 Neutral conductor necessary!

SUITABLE FOR	ORDER NO.	PAGE
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	528
Universal dim actuator flush-mounted	7534 10 03	885
Rotary dimmer 400 W	2819 01	43
Rotary dimmer 400 W	2830 10	43
Rotary dimmer 600 W	2860 10	44
Rotary dimmer (R, L)	2866 10	45
BLC touch dimmer (R, L)	2904	58
Rotary dimmer 1000 W	2885	44
Radio universal dim actuator flush-mounted	9455 02 00	754
Radio universal corded dim actuator	128	755
Radio universal dim actuator EB	181	755
Universal series touch dimmer (R, L, C)	2901	49
Radio universal dim actuator RMD	9455 01 00	759
Rotary dimmer (R, L)	2873	44
Universal touch dimmer RMD (R, L, C)	167 01	61
Rotary dimmer 600 W	2875	43
Universal rotary dimmer (R, L, C)	2861 10	46
BLC universal touch dimmer (R, L, C)	2902	59
<b>optional</b>		
Making current limiter	185	78

**i 916**



DESIGN	ORDER NO.	PU
polar white	<b>2869</b>	1

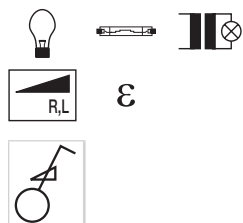
**Corded dimmers**



**Corded dimmer (R, L)**

Operating voltage 230 V~  
 Frequency 50 Hz  
 230 V incandescent lamps and halogen lamps 20 ... 500 W  
 Dimmable conventional transformers 20 ... 500 VA  
 Dimensions (L x W x H) 126 x 60 x 30 mm

- for hand and foot operation
- bulb-preserving soft startup
- phase cut-on
- for table and standing lamps
- short-circuit and overload proof (fine-wire fuse)
- with temperature protection
- with strain relief
- with screw terminals



DESIGN	ORDER NO.	PU
polar white	<b>2744 09</b>	1
black	<b>2744</b>	1
gold matt, lacquered	<b>2744 18</b>	1

**TRANSFORMERS**

**Corded transformers**



**Corded transformer 105 W**

**- Dimmable**

Operating voltage 230 V~  
 Frequency 50 Hz  
 Secondary voltage (effective) 3.1 ... 11.8 V~  
 Secondary frequency ≈ 40 kHz  
 12 V halogen lamps 20 ... 105 W  
 Secondary cable length max. 2 m  
 Dimensions (L x W x H) 150 x 70 x 36 mm

- with sliding controller
- for hand and foot operation
- for table and standing lamps
- bulb-preserving soft startup
- tronic transformer
- no-load proof
- input and output electrically isolated
- with overvoltage protection
- short-circuit and overload proof (electronic fuse)
- with overheating protection
- with strain relief
- with screw terminals

Spike-resistant to 1500 V according to acc. to EN 61047  
 Safety transformer to according to VDE 0712-32



DESIGN	ORDER NO.	PU
polar white	<b>2743 09</b>	1
black	<b>2743</b>	1
gold matt, lacquered	<b>2743 18</b>	1





**Tronic transformers**

- Input and output electrically isolated
- Short-circuit and overload proof (electronic fuse)
- With overheating protection
- No-load proof
- Overvoltage protection (spike-resistant to 1500 V according to EN 61047)
- Safety transformer VDE 0712-32



**Tronic transformer 40 W**

Operating voltage	230 V~
Frequency	50/60 Hz
Primary current	0.18 A
Secondary voltage (effective)	11.7 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	10 ... 40 W
Ambient temperature	max. +50 °C
Secondary cable length	max. 2 m
Pre-assembled primary cable	≈ 200 mm
Pre-assembled secondary cable	≈ 200 mm
Dimensions (L x W x H)	73 x 35.5 x 18 mm

- bulb-preserving soft startup
- very low noise



**i 937**

Dimmable with Berker Tronic dimmers (R, C) and Berker universal dimmers (R, L, C) and universal flush-mounted dimmers of the new electronic platform.



DESIGN	ORDER NO.	PU
polar white	<b>2915</b>	1



**Tronic transformer 70 W**

Operating voltage	230 V~
Frequency	50/60 Hz
Primary current	0.3 A
Secondary voltage (effective)	11.7 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	20 ... 70 W
Ambient temperature	max. +40 °C
Secondary cable length	max. 2 m
Pre-assembled primary cable	≈ 200 mm
Pre-assembled secondary cable	≈ 200 mm
Dimensions (L x W x H)	49 x 48 x 28 mm

- bulb-preserving soft startup
- very low noise



**i 937**

Dimmable with Berker Tronic dimmers (R, C) and Berker universal dimmers (R, L, C) and universal flush-mounted dimmers of the new electronic platform.



DESIGN	ORDER NO.	PU
polar white	<b>2918</b>	1



**Tronic transformer Berker Igel 105 W**

Operating voltage	230/240 V~
Frequency	50/60 Hz
Primary current	0.45 A
Secondary voltage (effective)	11.3 ... 11.8 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	20 ... 105 W
Secondary screw terminal pair	max. 2.5 mm <sup>2</sup>
Primary screw terminal pair	max. 2.5 mm <sup>2</sup>
Ambient temperature	max. +50 °C
Secondary cable length	max. 2 m
Dimensions (L x W x H)	105 x 50 x 29 mm

- bulb-preserving soft startup
- very low noise
- with primary and secondary side strain relief
- with screw terminals



**i 937**

Dimmable according to the phase cut-on and phase cut-off operation with Berker Tronic dimmers (R, C), Berker dimmers (R, L) and Berker universal dimmers (R, L, C).



DESIGN	ORDER NO.	PU
polar white	<b>2921</b>	1



**Tronic transformer 35 - 105 W**

Operating voltage	230 V~
Frequency	50/60 Hz
Primary current	0.45 A
Secondary voltage (effective)	11.8 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	35 ... 105 W
2 primary screw terminal pairs	max. 2.5 mm <sup>2</sup>
Ambient temperature	max. +50 °C
Secondary cable length	max. 2 m
Pre-assembled secondary cable	≈ 200 mm
Dimensions (L x W x H)	165 x 42 x 18 mm

- bulb-preserving soft startup
- very low noise
- with imprint on the backside
- with primary side strain relief
- flat shape
- with primary side screw terminals



**i 937**

Dimmable with Berker Tronic dimmers (R, C) and Berker universal dimmers (R, L, C) and universal flush-mounted dimmers of the new electronic platform.



DESIGN	ORDER NO.	PU
polar white	<b>2927</b>	1



**Tronic transformer 105 W**

Operating voltage	230/240 V~
Frequency	50/60 Hz
Primary current	0.45 A
Secondary voltage (effective)	11.8 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	20 ... 105 W
2 primary screw terminal pairs	max. 2.5 mm <sup>2</sup>
3 secondary screw terminal pairs	max. 2.5 mm <sup>2</sup>
Ambient temperature	max. +50 °C
Secondary cable length	max. 1 m
Dimensions (L x W x H)	175 x 42 x 18 mm

- bulb-preserving soft startup
- very low noise
- with primary and secondary side strain relief
- flat shape
- with screw terminals



**i 937**

Dimmable with Berker Tronic dimmers (R, C) and Berker universal dimmers (R, L, C) and universal flush-mounted dimmers of the new electronic platform.



DESIGN	ORDER NO.	PU
polar white	<b>2974 01</b>	1



**1 - 10 V tronic transformer 105 W**



Operating voltage	230 V~
Frequency	50 Hz
Primary load current	max. 0.31 A
Secondary voltage (effective)	11.7 V~
Secondary frequency	≈ 40 kHz
Control current	0.8 mA
12 V halogen lamps	20 ... 105 W
2 primary screw terminal pairs	max. 2.5 mm <sup>2</sup>
3 secondary screw terminal pairs	max. 2.5 mm <sup>2</sup>
Screw terminal pair 1 - 10 V	max. 2.5 mm <sup>2</sup>
Ambient temperature	max. +50 °C
Secondary cable length	max. 1 m
Dimensions (L x W x H)	216 x 42 x 32 mm

- bulb-preserving soft startup
- very low noise
- with strain relief
- with screw terminals

**i 936**

Dimmable with Berker 1 - 10 V control units  
Interface to according to DIN EN 61347-2-3



DESIGN	ORDER NO.	PU
polar white	<b>2977</b>	1



**Tronic transformer 150 W**



Operating voltage	230 V~
Frequency	50/60 Hz
Primary current	0.71 A
Secondary voltage (effective)	11.7 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	20 ... 150 W
2 primary screw terminal pairs	max. 2.5 mm <sup>2</sup>
3 secondary screw terminal pairs	max. 2.5 mm <sup>2</sup>
Ambient temperature	max. +50 °C
Secondary cable length	max. 1 m
Dimensions (L x W x H)	175 x 42 x 38 mm

- bulb-preserving soft startup
- very low noise
- with primary and secondary side strain relief
- with screw terminals

**i 937**

Dimmable with Berker Tronic dimmers (R, C) and Berker universal dimmers (R, L, C) and universal flush-mounted dimmers of the new electronic platform.



DESIGN	ORDER NO.	PU
polar white	<b>2976</b>	1



**Tronic transformer 200 W**



Operating voltage	230 V~
Frequency	50 Hz
Primary current	0.96 A
Secondary voltage (effective)	11.5 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	50 ... 200 W
2 primary screw terminal pairs	max. 2.5 mm <sup>2</sup>
2 secondary screw terminal pairs	max. 2.5 mm <sup>2</sup>
Ambient temperature	max. +50 °C
Secondary cable length	max. 2 m
Dimensions (L x W x H)	212 x 48.5 x 46 mm

- bulb-preserving soft startup
- very low noise
- with primary and secondary side strain relief
- with screw terminals

**i 937**

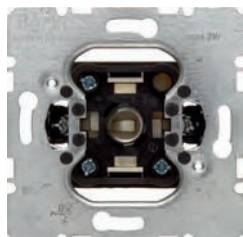
Dimmable with Berker Tronic dimmers (R, C) and Berker universal dimmers (R, L, C) and universal flush-mounted dimmers of the new electronic platform.



DESIGN	ORDER NO.	PU
polar white	<b>2972</b>	1

**PILOT LAMPS**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Push-button/pilot lamp E10**

Rated voltage  
Momentary-contact current  
Incandescent lamp power

250 V~  
2 A  
max. 2 W

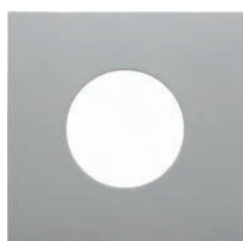
- for illumination and monitoring circuit
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Cover for push-button/pilot lamp E10	1247 00 04	75
Knob for push-button/pilot lamp E10	1279 ..	76
Cover for push-button/pilot lamp E10	128 ..	75
Neon lamp E10	1601	75
LED lamp E10	1678 ..	74

**i 910**



DESIGN	ORDER NO.	PU
Push-button/pilot lamp E10, NO contact	<b>5101</b>	10
Push-button/pilot lamp E10, NO contact, 2 separate signal contacts	<b>5101 10</b>	10



**Centre plate for push-button/pilot lamp E10**

Cut-out Ø 27.2 mm ■ centre plate for plug-in fixing

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1124 89 82</b>	10
polar white glossy	<b>1124 89 89</b>	10
polar white matt	<b>1124 19 09</b>	10
anthracite matt	<b>1124 16 06</b>	10
aluminium matt, lacquered	<b>1124 14 04</b>	10
<b>Modul 2</b>		
white glossy	# <b>1234 02</b>	10
polar white glossy	# <b>1234 09</b>	10



<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1124 60 89</b>	10
anthracite velvety, lacquered	* <b>1124 60 86</b>	10

<b>Berker K.1/K.5</b>		
polar white glossy	<b>1165 70 09</b>	10
anthracite matt, lacquered	<b>1165 70 06</b>	10
aluminium matt, lacquered	* <b>1165 70 03</b>	10
stainless steel matt, lacquered	<b>1165 70 04</b>	10

<b>Berker Arsys</b>		
light bronze matt, aluminium lacquered	<b>1165 01 01</b>	10
Stainless steel, metal matt finish	<b>1165 01 04</b>	10
gold matt, aluminium anodised	<b>1165 01 02</b>	10

<b>Berker R.1/R.3</b>		
polar white glossy	* <b>1124 20 89</b>	10
black glossy	* <b>1124 20 45</b>	10



**Centre plate for push-button/pilot lamp E10**

**- Labelling field**

■ centre plate for plug-in fixing



Cut-out Ø 27.3 mm

For push-buttons and covers, see "Supplementary products".

For push-buttons with hinged covers, use hinged cover, order no. 1140.

Labelling field height designed for 9 mm P-touch strips.

DESIGN	ORDER NO.	PU
<b>Modul 2</b>		
white glossy	# 1235 02	10
polar white glossy	# 1235 09	10
<b>Berker Arsys</b>		
white glossy	1165 00 02	10
polar white glossy	1165 00 69	10
brown glossy	1165 00 01	10



**Pilot lamp E14**

Rated voltage  
Incandescent lamp power  
Long lamp base

250 V~  
max. 3 W  
max. 23.5 mm

■ with screw terminals

**SUITABLE FOR**

Cover for pilot lamp E14  
Incandescent lamp E14  
LED lamp E14

ORDER NO.	PAGE
	page 76
	page 75
	page 75



DESIGN	ORDER NO.	PU
Pilot lamp E14	5131 02	10






**Centre plate for pilot lamp E14**

For LEDs, incandescent lamps and covers see "Supplementary products".

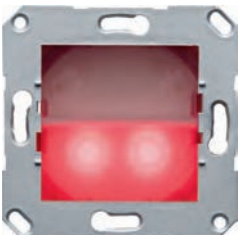
DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	1198 89 82	10
polar white glossy	1198 89 89	10
polar white matt	1198 19 09	10
anthracite matt	1198 16 06	10
aluminium matt, lacquered	1198 14 04	10
<b>Modul 2</b>		
white glossy	# 1198 02	10
polar white glossy	# 1198 09	10
<b>Berker Q.1/Q.3</b>		
polar white velvety	1198 60 89	10
anthracite velvety, lacquered	* 1198 60 86	10
<b>Berker K.1/K.5</b>		
polar white glossy	1167 70 09	10
anthracite matt, lacquered	1167 70 06	10
aluminium matt, lacquered	* 1167 70 03	10
stainless steel matt, lacquered	1167 70 04	10








DESIGN	ORDER NO.	PU
	<b>Berker Arsys</b>	
white glossy	<b>1167 00 02</b>	10
polar white glossy	<b>1167 00 69</b>	10
brown glossy	<b>1167 00 01</b>	10
light bronze matt, lacquered	<b>1167 90 11</b>	10
stainless steel matt, lacquered	<b>1167 90 04</b>	10
	<b>Berker R.1/R.3</b>	
polar white glossy	* <b>1198 20 89</b>	10
black glossy	* <b>1198 20 45</b>	10

DESIGN	ORDER NO.	PU
	<b>LED orientation light</b>	
Operating voltage	230 V~	■ e.g. for lighting of steps or as a point of reference in dark rooms
Frequency	50 Hz	■ with 4 RGB LEDs
Power consumption	1.8 ... 2 W	■ LED brightness continuously adjustable
Light intensity (white)	1.2 cd	■ individual colour from colour sequence can be saved permanently via control input
Operating temperature	-15 ... +40 °C	■ light colours white, blue, red, green, orange and colour sequence adjustable via control input

DESIGN	ORDER NO.	PU	
	LED orientation light	<b>2951</b>	1

DESIGN	ORDER NO.	PU
	<b>LED signal light</b>	
Operating voltage	230 V~	■ signalling systems for surgeries, conference rooms, hotel rooms, etc.
Frequency	50 Hz	■ homogenous illumination of the separately switchable red and green halves
Power consumption	1 ... 5.6 W	■ with 4 monochrome LEDs
Light intensity (red/green)	0.1 ... 0.3 cd	
Operating temperature	-15 ... +40 °C	

DESIGN	ORDER NO.	PU	
	LED signal light	<b>2952</b>	1

DESIGN	ORDER NO.	PU
	<b>Cover for LED orientation/signal light</b>	
		■ with printed label sheets "Bitte warten/Bitte eintreten" and "Do not disturb/make up room"
		■ with milky foil, for individual labelling
	<b>Berker S.1/B.3/B.7</b>	
transparent	<b>1248 19 00</b>	1
	<b>Berker Q.1/Q.3</b>	
polar white velvety	<b>1248 60 89</b>	1
anthracite velvety, lacquered	* <b>1248 60 86</b>	1
	<b>Berker K.1/K.5</b>	
polar white glossy	<b>1248 70 09</b>	1
anthracite matt, lacquered	<b>1248 70 06</b>	1
aluminium matt, lacquered	* <b>1248 70 03</b>	1
stainless steel matt, lacquered	<b>1248 70 04</b>	1



**Info pilot lamp**

Operating voltage 230 V~ ■ with screw terminals  
 Frequency 50/60 Hz

Use only in conjunction with cover for info pilot lamp.

**i 936**



DESIGN	ORDER NO.	PU
Info pilot lamp	<b>2949</b>	1



**Cover for info pilot lamp**

Current consumption 25 mA ■ with clear cover plate  
 Power, LED 800 mW ■ with 4 light intensive LEDs  
 ■ very long LED lifetime

Printed labels supplied: "Nicht eintreten", "Besetzt", "Bitte eintreten", "Bitte Ruhe", "Bitte warten".

**SUITABLE FOR**  
 Cover plate for info pilot lamp

**ORDER NO. PAGE**  
 page 76

**i 936**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>1345 89 82</b>	1
polar white glossy	<b>1345 89 89</b>	1
polar white matt	<b>1345 19 09</b>	1
anthracite matt	<b>1345 16 06</b>	1
aluminium matt, lacquered	<b>1345 14 04</b>	1

**Modul 2**

white glossy	<b># 1345 02</b>	1
polar white glossy	<b># 1345 09</b>	1

**Berker Q.1/Q.3**

polar white velvety	<b>1345 60 89</b>	1
anthracite velvety, lacquered	<b>* 1345 60 86</b>	1

**Berker K.1/K.5**

polar white glossy	<b>1345 70 09</b>	1
anthracite matt, lacquered	<b>1345 70 06</b>	1
aluminium matt, lacquered	<b>* 1345 70 03</b>	1
stainless steel matt, lacquered	<b>1345 70 04</b>	1

**Berker Arsys**

white glossy	<b>1345 00 02</b>	1
polar white glossy	<b>1345 00 69</b>	1
brown glossy	<b>1345 00 01</b>	1
light bronze matt, lacquered	<b>1345 90 11</b>	1
stainless steel matt, lacquered	<b>1345 90 04</b>	1



**SUPPLEMENTARY PRODUCTS**

		LED unit with N terminal	Incandescent lamp unit with N terminal	LED unit with N terminal	Neon lamp unit with N terminal	Neon lamp unit with N terminal for pullcord switch	Neon lamp unit 230 V~	Series LED unit with N terminal	Neon lamp unit 400 V~
		1687	1676 6 V 1676 02 12 V 1676 01 24 V 1676 03 48 V	1686 1 mA 1686 01 0.4 mA	1675 1 mA 1675 04 0.4 mA	1605 10 1 mA 1605 14 0.4 mA	1600 02	1680	1600
DESIGNATION	ORDER NO.	12 ... 48 V	8 ... 48 V	230 V~				400 V~	
<b>Rocker switch</b>									
Change-over switch	3016 40 3036 3036 50 3076 25 3176 05	■	■	■	■				
Intermediate switch	3037	■	■	■	■				
<b>Multi-pole rocker switches</b>									
On/off switch 2pole 10 AX	3012 40 3032 3172 05	■	■	■	■				
On/off switch 2pole 16 AX	3032 12						■		
On/off switch, 3pole	3033 03								■
<b>Multiple rocker switches</b>									
Series switch	3035 3035 50	■ 1)	■ 1)	■	■ 1)			■	
Double change-over switch	3038 08						■ 1)		
<b>Rocker push-button</b>									
Push-button, NO contact	5031 5031 50	■	■	■	■				
Push-button, change-over	5006 40 5036 5076 05	■	■	■	■				
Push-button, NO contact, 2 separate signal contacts	5031 01 5071 05	■	■	■	■				
Push-button, NO contact + NC contact	5032 03	■	■	■	■				
<b>Multiple rocker push-buttons</b>									
Series push-button, 2 NO contacts	5035 5035 03	■ 1)	■ 1)	■	■ 1)				
Series push-button, 1 NO contact + 1 NC contact	5035 01	■ 1)	■ 1)	■	■ 1)				
Series push-button 2 change-overs	5038 08						■ 1)		
Group series push-button	5034 04						■ 1)		
<b>Pullcord switches</b>									
Pullcord switch change-over	3966					■			
<b>Heating emergency switch</b>									
Control change-over switch with imprint, "heating emergency switch - 0"	3566 05	■	■	■	■				
Control on/off switch, 2-pole with imprint "heating emergency switch - 0"	3562 05	■	■	■	■				
<b>Combination switch/socket outlet</b>									
SCHUKO change-over switch / socket outlet with hinged cover combination, red lens	4781 05	■	■	■	■				
<b>Push-button for hotel card</b>									
Push-button for hotel card, NO contact	5051 02	■	■	■	■				
Push-button for hotel card, change-over	5056 01	■	■	■	■				
Push-button for hotel card, NO contact, 2 separate signal contacts	5051 03	■	■	■	■				
Push-button for hotel card, NO contact + NC contact	5052 01	■	■	■	■				

Suitable for degree of protection IP44

<sup>1)</sup> Only single lighting possible





**Glow and neon lamp units**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Incandescent lamp unit with N terminal**

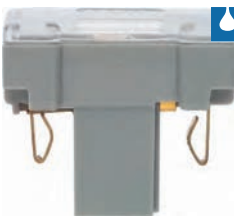
Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for series switch illuminated

**i 908**

DESIGN	ORDER NO.	PU
brown, 6V, 35 mA	<b>1676</b>	10
yellow, 12 V, 65 mA	<b>1676 02</b>	10
green, 24 V, 35 mA	<b>1676 01</b>	10
red, 48 V, 25 mA	<b>1676 03</b>	10



**Neon lamp unit with N terminal**

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for series switch illuminated

**i 908**

DESIGN	ORDER NO.	PU
grey, 230 V~, 1 mA	<b>1675</b>	10
orange, 230 V~, 0.4 mA	<b>1675 04</b>	10



**Neon lamp unit with N terminal**

Not suitable for water-protected installations with IP44 degree of protection.

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Suitable for push-button and pullcord switches, rocker switches and rocker push-buttons for the years 1985 to 1995.

Not suitable for water-protected, flush-mounted installation IP44.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for pullcord switch

**i 908**

DESIGN	ORDER NO.	PU
grey, 230 V~, 1 mA	<b>1605 10</b>	10
orange, 230 V~, 0.4 mA	<b>1605 14</b>	10



**Neon lamp unit for switches/push-buttons**

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Switch a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for on/off switch, 2-pole, 16 AX
- for rockers switches double change-over
- for rockers push-buttons double change-over

**i 909**

DESIGN	ORDER NO.	PU
grey, 230 V~, 0.9 mA	<b>1600 02</b>	10



**Neon lamp unit for on/off switch 3pole**

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit

**i 909**

DESIGN	ORDER NO.	PU
clear, transparent, 400 V~, 0.5 mA	<b>1600</b>	10

**LED units**

- Long service life of the LED
- Low storage and logistics costs by reduction to only three variants

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**LED unit 230 V, for switches/push-buttons**

Refer to the overview for the matching flush-mounted inserts.

When several LED units are used, the LED current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA LED current) in parallel with the coil.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

- also for waterproof installation of switches and push-buttons
- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808

DESIGN	ORDER NO.	PU
white, 230 V~, 1 mA	<b>* 1686</b>	10
black, 230 V~, 0.4 mA	<b>* 1686 01</b>	10



**LED unit for switches/push-buttons**

Refer to the overview for the matching flush-mounted inserts.

Connection to direct voltage within the specified voltage range, ensuring the correct polarity.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

- also for waterproof installation of switches and push-buttons
- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808

DESIGN	ORDER NO.	PU
blue, 12 ... 48 V~, 0.2 ... 0.9 mA	<b>* 1687</b>	10



**LED unit with N terminal for series switch**

Refer to the overview for the matching flush-mounted inserts.

Neutral conductor necessary!

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

- for control circuit per series
- with screw terminal

**i 908**

DESIGN	ORDER NO.	PU
black, 230 V~, 0.9 mA each	<b>1680</b>	1

**Incandescent, neon and LED lamps**



**LED lamp E10**

Operating voltage	230 V~/=
Rated current	0.004 A
Operating temperature	-40 ... +70 °C

- very long LED lifetime

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted push-button/pilot lamp 510 .. E10, NO contact		714
Surface-mounted push-button/pilot lamp 5112 15 E10, NO contact		686

DESIGN	ORDER NO.	PU
white	<b>1678</b>	10
red	<b>1678 01</b>	10
yellow	<b>1678 02</b>	10
green	<b>1678 03</b>	10
blue	<b>1678 04</b>	10



**Neon lamp E10**

Operating voltage 230 V~  
Rated current 1.35 mA

SUITABLE FOR	ORDER NO.	PAGE
Push-button/pilot lamp E10		page 68
Push-button complete for stairway light		page 205
Surface-mounted push-button/pilot lamp 5100 40 E10, NO contact		714
Surface-mounted push-button/pilot lamp 5112 15 E10, NO contact		686

DESIGN	ORDER NO.	PU
clear, transparent	<b>1601</b>	100



**LED lamp E14**

Operating voltage 230 V~/= ■ for light signal with flat and high cover  
Rated current 4.2 mA ■ very long LED lifetime  
Operating temperature -40 ... +70 °C

<sup>1</sup> Typ. up to approx. 50 % of the output brightness

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14 surface-mounted	5172 15	686
Pilot lamp E14 surface-mounted	5130 40	715
Pilot lamp E14	5131 02	69
Pilot lamp E14 surface-mounted	5152	706

DESIGN	ORDER NO.	PU
white	<b>1679</b>	10
red	<b>1679 01</b>	10
yellow	<b>1679 02</b>	10
green	<b>1679 03</b>	10
blue	<b>1679 04</b>	10



**Incandescent lamp E14**

Operating voltage 230 V~  
Power 3 W

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14	5131 02	69
Pilot lamp E14 surface-mounted	5152	706
Pilot lamp E14 surface-mounted	5172 15	686
Pilot lamp E14 surface-mounted	5130 40	715

DESIGN	ORDER NO.	PU
clear, transparent, for pilot lamp with flat cover	<b>1610 03</b>	100
clear, transparent, for pilot lamp with high cover	<b>1610 13</b>	100

**Covers and push-buttons**



**Cover for push-button/pilot lamp E10**

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted push-button/pilot lamp 5100 40 E10, NO contact		714
Push-button/pilot lamp E10, NO contact	5101 ..	68
Surface-mounted push-button/pilot lamp 5112 15 E10, NO contact		686

DESIGN	ORDER NO.	PU
clear, transparent	<b>1280</b>	10
red, transparent	<b>1281</b>	10
yellow, transparent	<b>1282</b>	10
green, transparent	<b>1283</b>	10



**Cover for push-button/pilot lamp E10**

The mirror image texts on the rear only become visible when the signal is illuminated.

With 10 labelling fields: "Bitte warten", "Bitte eintreten", "Nicht eintreten", "Bitte Ruhe", "Der Nächste bitte", "Aufzug kommt", symbol arrow, "Besetzt", 2x neutral.

SUITABLE FOR	ORDER NO.	PAGE
Push-button/pilot lamp E10, NO contact	5101 ..	68

DESIGN	ORDER NO.	PU
<b>Berker Arsys</b> clear	<b>1247 00 04</b>	10



**Knob for push-button/pilot lamp E10**

Push-button head Ø 26.5 mm

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted push-button/pilot lamp E10, NO contact	5100 40	714
Push-button/pilot lamp E10, NO contact	5101 ..	68
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	686

DESIGN	ORDER NO.	PU
clear, transparent	<b>1279 02</b>	10
red, transparent	<b>1279</b>	10
green, transparent	<b>1279 03</b>	10



**Cover for pilot lamp E14**

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14 surface-mounted	5172 15	686
Pilot lamp E14 surface-mounted	5130 40	715
Pilot lamp E14	5131 02	69

DESIGN	ORDER NO.	PU
clear, transparent, flat	<b>1220</b>	10
clear, transparent, high	<b>1230</b>	10
red, transparent, high	<b>1231</b>	10
green, transparent, high	<b>1232</b>	10



**Cover plate for info pilot lamp**

SUITABLE FOR	ORDER NO.	PAGE
Cover for info pilot lamp	1345 ..	71

DESIGN	ORDER NO.	PU
red, transparent	<b>1289</b>	10
green, transparent	<b>1289 03</b>	10



**Mains decouplers**

- For illuminated switches/push-buttons with a neon lamp current of max. 8 mA
- For mechanical switches, dimmer, current impulse switching, vacuum cleaners, etc.
- For bedroom and child's room in the home
- Switches without loads to DC voltage without electric and electromagnetic fields
- With overheating protection
- Monitoring voltage measurable with Duspol



**Mains decoupler comfort RMD**

Operating voltage	230 V~
Frequency	50 Hz
Monitoring voltage	230 V=
Residual ripple typical	4 mV
Monitoring current	max. 8 mA
Switching current	16 A
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	800 VA
Electronic transformers	1000 W
Fluorescent lamps:	
- uncompensated	1000 VA
- parallel compensated	700 VA
- in Duo circuit	1600 VA
EB switch-on current < 10 ms	max. 70 A
Energy-saving lamps	max. 160 W
Motors at cos φ = 0.4	max. 1400 W
Operating temperature	+0 ... +40 °C
Dimensions (W x H x D)	35 x 90 x 65 mm
Width of rail mounted device (RMD)	2 TE

- with manual selection switch for automatic (decoupling) on/off
- with 2 yellow residual current indicator LEDs
- with green operation LED
- with green status LED for decoupling

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmer (R, L)	2873	44
Rotary dimmer 600 W	2875	43
Tronic rotary dimmer 525 W (R, C)	2874	45
Universal rotary dimmer (R, L, C)	2861 10	46
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	528
Universal touch dimmer RMD (R, L, C)	167 01	61
BLC universal touch dimmer (R, L, C)	2902	59
BLC extension unit	2907	59
1-10 V rotary potentiometer	289 ..	47
Universal power booster Plus RMD	1 6599 01	62
<b>optional</b>		
Control module for mains decoupler	188 11	78

**i 915**

If a universal touch dimmer is to be de-coupled, the extension unit line length on extension units must be < 20 m.

To prevent heat problems due to mains overvoltage, the distance to other RMD units should be 1/2 modules.

Only suitable for BLC universal touch dimmers (R, L, C) with printing R3 and universal rotary dimmer (R, L, C) with printing R1.

For application options, see Technical appendix.



DESIGN	ORDER NO.	PU
light grey	<b>1 8799 01</b>	1



**Mains decoupler RMD**

Operating voltage	230 V~
Frequency	50 Hz
Monitoring voltage	230 V=
Residual ripple typical	8 mV
Monitoring current	max. 8 mA
Switching current	16 A
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	800 VA
Electronic transformers	1000 W
Fluorescent lamps:	
- uncompensated	1000 VA
- parallel compensated	700 VA
- in Duo circuit	1600 VA
EB switch-on current < 10 ms	max. 70 A
Energy-saving lamps	max. 160 W
Motors at cos φ = 0.4	max. 1400 W
Operating temperature	+0 ... +40 °C
Dimensions (W x H x D)	35 x 90 x 65 mm
Width of rail mounted device (RMD)	2 TE

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmer (R, L)	2873	44
Rotary dimmer 600 W	2875	43
Tronic rotary dimmer 525 W (R, C)	2874	45
Universal rotary dimmer (R, L, C)	2861 10	46
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	528
Universal touch dimmer RMD (R, L, C)	167 01	61
BLC universal touch dimmer (R, L, C)	2902	59
BLC extension unit	2907	59
1-10 V rotary potentiometer	289 ..	47
Universal power booster Plus RMD	1 6599 01	62
<b>optional</b>		
Control module for mains decoupler	188 11	78

**i 915**

If a universal touch dimmer is to be de-coupled, the extension unit line length on extension units must be < 20 m.

To prevent heat problems due to mains overvoltage, the distance to other RMD units should be 1/2 modules.

Only suitable for BLC universal touch dimmers (R, L, C) with printing R3 and universal rotary dimmer (R, L, C) with printing R1.

For application options, see Technical appendix.



DESIGN	ORDER NO.	PU
light grey	<b>187 00</b>	1



**Control module for mains decoupler**

Operating voltage	230 V~
Frequency	50 Hz
Pre-assembled cable	≈ 80 mm
Dimensions housing (W x H x D)	≈ 45 x 28 x 9 mm

- required for loads with small switch-on currents
- for connection between phase and load line from dimmer

SUITABLE FOR	ORDER NO.	PAGE
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77

DESIGN	ORDER NO.	PU
black	<b>188 11</b>	1

**Making current limiter**



**Making current limiter**

Operating voltage	230 V~
Frequency	50/60 Hz
Power	200 VA
Pre-assembled cable	≈ 80 mm
Dimensions housing (W x H x D)	≈ 51 x 25 x 13 mm

- to limit switch-on currents for problem loads, e.g. energy-saving lamps, electronic ballasts, etc.

**i 940**

Due to the small design, suitable for installation in a 40 mm flush-mounted box, e.g. behind universal insert with relay contact, and BLC relay insert. Also suitable for surface-mounted and RMD timer for stairway light.



DESIGN	ORDER NO.	PU
black	<b>185</b>	1



**Overvoltage protection modules**



**Overvoltage protection module**

Operating voltage	230 V~
Frequency	50/60 Hz
Residual voltage at input current 1 kA	≈ 1000 V
Leakage current IS(8/20)	100 x 1 kA
Leakage current IS(8/20)	1 x 4.5 kA
Pre-assembled cable	≈ 80 mm
Dimensions housing (W x H x D)	46 x 25 x 23 mm

- for Tronic transformers and dimmers as well as universal dimmers for parallel operation with inductive loads

**i 937**



DESIGN	ORDER NO.	PU
light grey	<b>142</b>	1

**Distributor for transformers**



**Distributor 5gang for transformers**

Input voltage	< 25 V
Input current	max. 16 A
Branch current	max. 16 A
Connected load at AC 12 V	max. 192 W
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>
Dimensions (W x H x D)	48 x 40 x 16 mm

- for secondary side connection of up to 5 LV halogen lamps
- for rigid and flexible conductors (without conductor sleeve)
- with plug-in terminals

**i 937**

Time and cost-saving installation aid when installing branched lighting systems.

Connecting material to according to VDE 0613

DESIGN	ORDER NO.	PU
polar white	<b>162</b>	1



**Distributor 6gang for transformers**

Input current	max. 17 A
Branch current	max. 8.5 A
Connected load at AC 12 V	max. 200 W
Ambient temperature	max. +50 °C
Pre-assembled cable	≈ 80 mm
Conductor cross-section (rigid)	2.5 mm <sup>2</sup>
Conductor cross-section (flexible)	max. 1.5 mm <sup>2</sup>
Dimensions housing (W x H x D)	≈ 86 x 40 x 29 mm

- pre-assembled, with 2-core flexible wire
- for secondary side connection of up to 6 LV halogen lamps
- for rigid and flexible conductors (without conductor sleeve)
- with plug-in terminals

**i 937**

DESIGN	ORDER NO.	PU
polar white	<b>140</b>	1

**Lock cylinder**



**Lock cylinder**

length	40 mm
In key switches, the key can be pulled out in the ON position in the appropriate bolt position.	
With 5 tumblers to according to DIN 18252	

- for change-over switches/push-buttons for lock cylinders
- for switches/push-buttons for lock cylinders

SUITABLE FOR	ORDER NO.	PAGE
Key switches/key push-buttons		page 35
Multi-pole rocker switches		page 678
Rocker switches/rocker push-buttons		page 675
Centre plate for key push-button for blinds/key switch		page 119
Key switches/key push-buttons for blinds		page 684

**i 910**

DESIGN	ORDER NO.	PU
<b>with differing closures</b>		
Lock cylinder	<b>1818</b>	1
<b>with same closures</b>		
Lock cylinder	<b>1818 01</b>	1

**HOTEL APPLICATIONS**

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm<sup>2</sup>

**Push-button for hotel card**



**Push-button for hotel card**

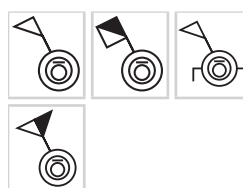
Rated voltage  
Momentary-contact current  
10 A design on request.  
Connection terminals according to IEC 60669-1

250 V~  
2 A

- for illumination and monitoring circuit
- with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit 230 V, for switches/push-buttons	1686 ..	74

**i 911**



DESIGN	ORDER NO.	PU
Push-button, NO contact for hotel card	<b>5051 02</b>	10
Push-button, change-over contact for hotel card	<b>5056 01</b>	10
Push-button, NO contact for hotel card, 2 separate signal contacts	<b>5051 03</b>	10
Push-button, NC contact + NO contact for hotel card, isolated input terminals	<b>5052 01</b>	10



**Centre plate with imprint for push-button for hotel card**

- Red lens



Card width max. 54 mm  
Card thickness 0.5 ... 1.4 mm

Other imprint on request!

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1640 89 82</b>	10
polar white glossy	<b>1640 89 89</b>	10
polar white matt	<b>1640 19 09</b>	10
anthracite matt	<b>1640 16 06</b>	10
aluminium matt, lacquered	<b>1640 14 04</b>	10

**Modul 2**

white glossy	# <b>1640 02</b>	10
polar white glossy	# <b>1640 09</b>	10

**Berker Q.1/Q.3**

polar white velvety <sup>1)</sup>	<b>1640 60 89</b>	10
anthracite velvety, lacquered <sup>1)</sup>	* <b>1640 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1641 71 09</b>	10
anthracite matt, lacquered	<b>1641 71 06</b>	10
aluminium matt, lacquered	* <b>1641 71 03</b>	10
stainless steel matt, lacquered	<b>1641 71 04</b>	10

**Berker Arsys**

white glossy	<b>1641 00 02</b>	10
polar white glossy	<b>1641 00 69</b>	10
brown glossy	<b>1641 00 01</b>	10
light bronze matt, lacquered	<b>1641 90 11</b>	10
stainless steel matt, lacquered	<b>1641 90 04</b>	10

<sup>1)</sup> with orange lens

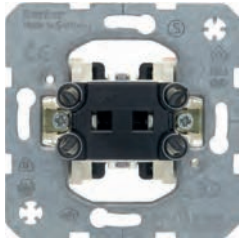




**BARRIER-FREE CONSTRUCTION**

**Rocker switches/rocker push-buttons**

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm<sup>2</sup>
- Switching angle 3.5°



**Change-over/intermediate switch**

Rated voltage  
Switching current

250 V~  
10 AX

- for illumination and monitoring circuit
- with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit 230 V, for switches/push-buttons	168 ..	74

**i 908**

DESIGN	ORDER NO.	PU
Change-over switch	<b>3036</b>	10
Change-over switch for installation in hollow walls <sup>1)</sup>	<b>3036 50</b>	10
Intermediate switch	<b>3037</b>	10

<sup>1)</sup> low installation depth, without spreader claws



**Push-button**

Rated voltage  
Momentary-contact current

250 V~  
10 A

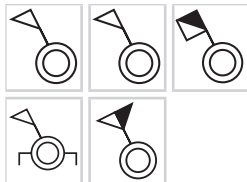
- for illumination and monitoring circuit
- with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit 230 V, for switches/push-buttons	168 ..	74

**i 909**

DESIGN	ORDER NO.	PU
Push-button, NO contact	<b>5031</b>	10
Push-button, NO contact for installation in hollow walls <sup>1)</sup>	<b>5031 50</b>	10
Push-button, change-over	<b>5036</b>	10
Push-button, NO contact, 2 separate signal contacts	<b>5031 01</b>	10
Push-button, NC contact + NO contact, isolated input terminals	<b>5032 03</b>	10

<sup>1)</sup> low installation depth, without spreader claws



**Rockers for barrier-free construction**

- For the matching contrast frame for visual highlighting, refer to the appropriate Design line.
- SCHUKO socket outlet with tactile symbol (see corresponding design line)
- For rockers with lenses, the IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit.

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Rocker for barrier-free construction**

- Guide for mouth rod
- Lens



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b> polar white matt	<b>1661 19 49</b>	10



<b>Modul 2</b>	polar white glossy	# 1661 49	10
<b>Berker Q.1/Q.3</b>	polar white velvety <sup>1)</sup>	1661 60 49	10
<b>Berker K.1/K.5</b>	polar white glossy	1661 71 09	10
<b>Berker R.1/R.3</b>	polar white glossy <sup>2)</sup>	* 1661 20 49	10

<sup>1)</sup> only orange and clear lenses enclosed  
<sup>2)</sup> with clear lens only

**Rocker for barrier-free construction**

- Tactile light symbol
- Red lens


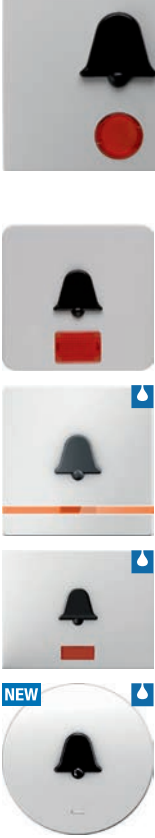


- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang




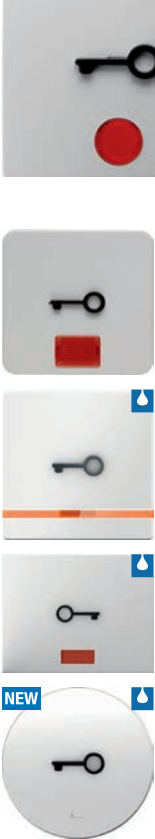


DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
polar white matt	1651 19 49	10
<b>Modul 2</b>		
polar white glossy	# 1651 49	10
<b>Berker Q.1/Q.3</b>		
polar white velvety <sup>1)</sup>	1651 60 49	10
<b>Berker K.1/K.5</b>		
polar white glossy	1651 71 09	10
<b>Berker R.1/R.3</b>		
polar white glossy <sup>2)</sup>	* 1651 20 49	10

<sup>1)</sup> with orange lens  
<sup>2)</sup> with clear lens



 <b>Rocker for barrier-free construction</b>			
	<b>- Tactile bell symbol</b> <b>- Red lens</b>	 	<ul style="list-style-type: none"> <li>also for KNX applications: push-button, 1gang</li> </ul>
	DESIGN	ORDER NO.	PU
	<b>Berker S.1/B.3/B.7</b>		
	polar white matt	<b>1651 19 59</b>	10
	<b>Modul 2</b>		
polar white glossy	# <b>1651 59</b>	10	
<b>Berker Q.1/Q.3</b>			
polar white velvety <sup>1)</sup>	<b>1651 60 59</b>	10	
<b>Berker K.1/K.5</b>			
polar white glossy	<b>1651 72 09</b>	10	
<b>Berker R.1/R.3</b>			
polar white glossy <sup>2)</sup>	* <b>1651 20 89</b>	10	

<sup>1)</sup> with orange lens  
<sup>2)</sup> with clear lens

 <b>Rocker for barrier-free construction</b>			
	<b>- Tactile symbol for door opener</b> <b>- Red lens</b>	 	<ul style="list-style-type: none"> <li>also for KNX applications: push-button, 1gang</li> </ul>
	DESIGN	ORDER NO.	PU
	<b>Berker S.1/B.3/B.7</b>		
	polar white matt	<b>1651 19 69</b>	10
	<b>Modul 2</b>		
polar white glossy	# <b>1651 69</b>	10	
<b>Berker Q.1/Q.3</b>			
polar white velvety <sup>1)</sup>	<b>1651 60 69</b>	10	
<b>Berker K.1/K.5</b>			
polar white glossy	<b>1651 73 09</b>	10	
<b>Berker R.1/R.3</b>			
polar white glossy <sup>2)</sup>	* <b>1651 20 69</b>	10	

<sup>1)</sup> with orange lens  
<sup>2)</sup> with clear lens

MOTION DETECTOR



**B.**  
Berker

NEW ELECTRONICS PLATFORM	86-89
BLC - BERKER LIGHT CONTROL	89-100
PRESENCE DETECTORS	101-103
CONTROLLERS SURFACE-MOUNTED	104-105
CONTROLLER SYSTEM	106-108
SUPPLEMENTARY PRODUCTS	108-109

The more your house looks after you, the less things you have to keep in mind. A motion detector ensures that your path is always lit automatically when you come home. It can switch the light in the stairwell, corridor or toilet on automatically when you need it. Thanks to its precise detection, it guarantees perfect monitoring of any area of the house, thus scaring off uninvited guests. Berker controllers can meet all your comfort and safety requirements, and also help to save energy. This is because they only switch the lighting on automatically, when they detect movement within their defined detection field.

- Simple switch to another design by exchanging frames and covers.
- The wide range of motion detectors offers the perfect solution for every installation situation.
- Once installed, the insert remains in the wall

**NEW ELECTRONICS PLATFORM**

**Inserts**

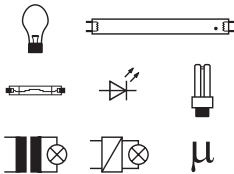
**NEW**



**Relay insert**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Minimum contact load	≈ 15 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA/channel
- parallel compensated	1000 W /130 µF
- with electrical ballast (EB)	1000 W
- in Duo circuit	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

- low intrinsic energy requirement
- also usable as push-button relay switch
- automatic setting to dimmable loads (autoDetect process)
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Relay insert	★ 8512 12 00	1

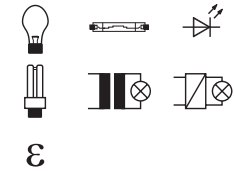
**NEW**



**Switch insert 1gang**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals



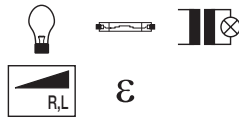
Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Switch insert 1gang	★ 8512 11 00	1

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b> Universal power booster Plus RMD	1 6599 01	62



**Touch dimmer (R, L)**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm

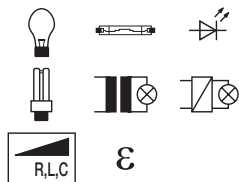
- low intrinsic energy requirement
- switch-on brightness level can be stored safe after power failure
- bulb-preserving soft startup
- phase cut-on
- short-circuit and overload proof (electronic fuse)
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Universal power booster Plus RMD	1 6599 01	62

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Touch dimmer (R, L)	★ 8542 11 00	1



**Universal touch dimmer 1gang**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Quantity LED lamps	max. 8
Quantity energy-saving lamps	max. 8
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Universal power booster Plus RMD	1 6599 01	62

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Universal touch dimmer 1gang	★ 8542 12 00	1



**Extension unit for motion detector**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
Operating temperature	-5 ... +45 °C
Number of motion detector extension units	unlimited
Cable length, extensions	max. 50 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm

- low intrinsic energy requirement
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

DESIGN	ORDER NO.	PU
Extension unit for motion detector	★ 8532 01 00	1

**Motion detector covers**

**NEW**



**IR motion detector comfort 1.1 m**

Delay time, adjustable	≈ 10 s ... 30 min
Short time mode	200 ms
immunity time	≈ 10 s
Nominal mounting height	1.1 m
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Detection field, rectangular shaped	≈ 12 x 16 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with button for on/off/automatic
- µ-processor controlled mode of operation
- step operation with immunity time (e.g. for stair light/impact current circuits)

**SUITABLE FOR** Inserts **ORDER NO.** **PAGE**  
page 86

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller.  
Only suitable for indoor areas!

DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy <sup>1)</sup>	★ 8534 12 39	1
black glossy <sup>1)</sup>	★ 8534 12 31	1

**NEW**



**IR motion detector comfort 2.2 m**

Delay time, adjustable	≈ 10 s ... 30 min
Short time mode	200 ms
immunity time	≈ 10 s
Nominal mounting height	2.2 m
Range, frontal	≈ 8 m
Range, side	each ≈ 6 m
Detection field, rectangular shaped	≈ 8 x 12 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with button for on/off/automatic
- µ-processor controlled mode of operation
- step operation with immunity time (e.g. for stair light/impact current circuits)

**SUITABLE FOR** Inserts **ORDER NO.** **PAGE**  
page 86

DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy <sup>1)</sup>	★ 8534 22 39	1
black glossy <sup>1)</sup>	★ 8534 22 31	1

**NEW**



**Motion detector 1.1 m**

Delay time	≈ 180 s
Nominal mounting height	1.1 m
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Detection field, rectangular shaped	≈ 12 x 16 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with button for on/off/automatic
- µ-processor controlled mode of operation

**SUITABLE FOR** Inserts **ORDER NO.** **PAGE**  
page 86

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller.  
Only suitable for indoor areas!

DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy <sup>1)</sup>	★ 8534 11 39	1
black glossy <sup>1)</sup>	★ 8534 11 31	1





**NEW**



**Motion detector 2.2 m**

Delay time	≈ 180 s
Nominal mounting height	2.2 m
Range, frontal	≈ 8 m
Range, side	each ≈ 6 m
Detection field, rectangular shaped	≈ 8 x 12 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with button for on/off/automatic
- µ-processor controlled mode of operation

DESIGN

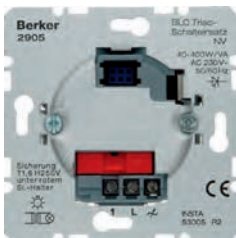
<b>SUITABLE FOR</b> Inserts	<b>ORDER NO.</b>	<b>PAGE</b> page 86
	ORDER NO.	PU

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>* 8534 21 39</b>	1
black glossy <sup>1)</sup>	<b>* 8534 21 31</b>	1

**BLC - BERKER LIGHT CONTROL**

**BLC Inserts**



**BLC triac insert (R, L)**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	40 ... 400 W
Dimmable conventional transformers	40 ... 400 VA
Operating temperature	-20 ... +45 °C

Light scene function (On/Off) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- insert suitable for BLC buttons
- with screw terminals



ε

**i 917**



DESIGN	ORDER NO.	PU
BLC triac insert (R, L)	<b>2905</b>	1



**BLC tronic insert (R, C)**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Electronic transformers	50 ... 420 W
Operating temperature	-20 ... +45 °C

Light scene function (On/Off) in conjunction with BLC radio button.

For trouble-free operation, we recommend Berker Tronic transformers.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-off
- very low noise
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- insert suitable for BLC buttons
- with screw terminals



ε

**i 917**

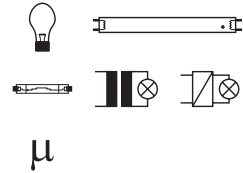


DESIGN	ORDER NO.	PU
BLC tronic insert (R, C)	<b>2916</b>	1



**BLC relay insert**

Operating voltage	230 V~
Frequency	50/60 Hz
Breaking capacity	2300 W
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1000 VA
Electronic transformers	1500 W
Insertion depth	22 mm
Operating temperature	-20 ... +45 °C



For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- insert suitable for BLC buttons
- with screw terminals

<b>SUITABLE FOR optional</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Making current limiter	185	78

**i 917**



DESIGN	ORDER NO.	PU
BLC relay insert	<b>2906</b>	1



**BLC relay insert**

**- Potential-free contact**

Operating voltage	230 V~
Frequency	50/60 Hz
Minimum load (at 12 V)	100 mA
230 V incandescent lamps	800 W
230 V halogen lamps	750 W
Operating temperature	+5 ... +35 °C



For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- potential-free contact for function extra-low voltage FELV (only change-over voltage) suitable
- insert suitable for BLC buttons
- with screw terminals

<b>SUITABLE FOR optional</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Making current limiter	185	78

**i 917**



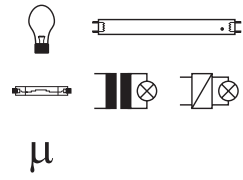
DESIGN	ORDER NO.	PU
BLC relay insert	<b>2906 10</b>	1



**BLC relay insert HVAC**

Operating voltage	230 V~
Frequency	50/60 Hz
Motor switching current (HLK channel)	2.1 A
Breaking capacity	1000 W
Switching capacity, HLK channel	max. 800 W
230 V incandescent lamps and halogen lamps	1000 W
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- in Duo circuit	1000 VA
Conventional transformers	750 VA
Electronic transformers	750 W
Switch on delay HVAC-channel	0/3 min
HVAC-channel adjustable	≈ 2/10/30/60/120 min
Operating temperature	+5 ... +35 °C

- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/deactivated permanently with BLC button
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- insert suitable for BLC buttons
- with screw terminals



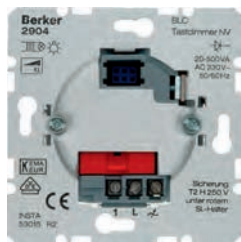
<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b>		
Making current limiter	185	78
		<b>i 917</b>

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.  
Neutral conductor necessary!



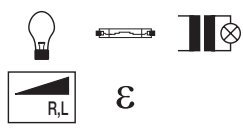
DESIGN	ORDER NO.	PU
BLC relay insert HVAC	<b>2912</b>	1



**BLC touch dimmer (R, L)**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Operating temperature	-20 ... +45 °C

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- switch-on brightness memory function
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- insert suitable for BLC buttons
- with screw terminals



Light scene function (On/Off, dimming value) in conjunction with BLC radio button.  
Possible to change fuse without removing cover.

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b>		
Power booster built-in (R, L)	2869	63
		<b>i 917</b>

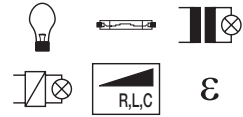


DESIGN	ORDER NO.	PU
BLC touch dimmer (R, L)	<b>2904</b>	1



**BLC universal touch dimmer (R, L, C)**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Insertion depth	22 mm
Operating temperature	-20 ... +45 °C



Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- very low noise
- switch-on brightness level can be stored safe after power failure
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- insert suitable for BLC buttons
- with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77
Power booster built-in (R, L)	2869	63
Tronic power booster built-in (R, C)	2868	63
Universal power booster Plus RMD	1 6599 01	62

**i 917**

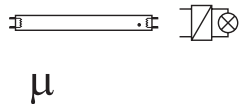


DESIGN	ORDER NO.	PU
BLC universal touch dimmer (R, L, C)	<b>2902</b>	1



**BLC 1 - 10 V push-button control unit**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	3.04 A
Control current	50 mA
Operating temperature	+5 ... +35 °C



Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

In case of excessive switch-on currents use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend Berker 1 - 10 V Tronic transformers, 105 W, order no. 2977.

Neutral conductor necessary!

Interface to according to DIN EN 61347-2-3

- when cover is detached, the switch status is retained (wallpaper function)
- basic brightness programmable
- switch-on brightness level can be stored safe after power failure
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- insert suitable for BLC buttons
- with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Making current limiter	185	78

**i 917**



DESIGN	ORDER NO.	PU
BLC 1 - 10 V push-button control unit	<b>2903</b>	1



**BLC extension unit for motion detector**

Operating voltage	230 V~
Frequency	50/60 Hz
Number of substations	max. 10
Number of extension units (for order no. 2902)	max. 5
Cable length between main unit and extension unit	max. 100 m
Insertion depth	22 mm

- with screw terminals

**i 917**

Neutral conductor necessary!



DESIGN	ORDER NO.	PU
BLC extension unit for motion detector	<b>2908</b>	1



**BLC insert for timer**

Operating voltage	230 V~	■ insert suitable for BLC buttons
Frequency	50 Hz	■ with screw terminals
Conductor cross-section (rigid)	max. 4 mm <sup>2</sup>	
Control cable length	max. 100 m	
Insertion depth	22 mm	
Operating temperature	+5 ... +35 °C	

**SUITABLE FOR**

BLC timer RMD for stairway light

**ORDER NO.**

163 01

**PAGE**

57

**i 926**

Note:  
Delay time setting, switch-off prewarning and functions for off/automatic/continuous on are carried out on the BLC timer RMD for the stairway light.

For 3-conductor circuit with neutral conductor and for 4-conductor circuit with neutral conductor or phase.

For upgrading of stairwell light and pulse circuits without additional wiring.

Only suitable for BLC controller with imprint release issue "R3".



DESIGN

BLC insert for timer

ORDER NO.

**2934 10**

PU

1

**BLC controller**



**BLC controller comfort 1.1 m**

Delay time, adjustable	≈ 10 s ... 30 min	■ with adaptive sensitivity adjustment
immunity time	≈ 3 s	■ with dimming function (soft-off) when using BLC dimmer inserts
Time to dim down	30 s	■ glare-proof, e.g. against a torch
Short time mode	0.5 s	■ with slide switch for OFF/automatic/ON
Nominal mounting height	1.1 m	■ with teach function for response brightness
Detection angle	180 °	■ μ-processor controlled operation (detection signal evaluation and interference signal suppression)
Detection field, semi-oval shaped	≈ 10 x 12 m	■ switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
Range, frontal	≈ 10 m	■ no switch-on in case of inadvertent brief shadowing
Range, side	each ≈ 6 m	■ activation by push-button, NC contact in the line
Response sensitivity, settable	≈ 20 ... 100 %	■ step operation with immunity time (e.g. for bell)
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)	■ with cover to limit detection angle to 90°
Dimensions assembling height	23.5 mm	
Operating temperature	-20 ... +45 °C	

**SUITABLE FOR**

BLC Inserts

**ORDER NO.**

**PAGE**

page 89

**i 920**

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.



DESIGN

**Berker S.1/B.3/B.7**

white glossy	<b>1784 89 82</b>	1
polar white glossy	<b>1784 89 89</b>	1
polar white matt	<b>1784 19 09</b>	1
anthracite matt	<b>1784 16 06</b>	1
aluminium matt, lacquered	<b>1784 14 04</b>	1

**Modul 2**

white glossy	<b># 1784 02</b>	1
polar white glossy	<b># 1784 09</b>	1

**Berker Q.1/Q.3**

polar white velvety	<b>1784 60 89</b>	1
anthracite velvety, lacquered	<b>* 1784 60 86</b>	1



DESIGN	ORDER NO.	PU
<b>Berker K.1/K.5</b>		
polar white glossy	1784 70 09	1
anthracite matt, lacquered	1784 70 06	1
aluminium matt, lacquered	* 1784 70 03	10
stainless steel matt, lacquered	1784 70 04	1
<b>Berker Arsys</b>		
white glossy	1784 00 02	1
polar white glossy	1784 00 69	1
light bronze matt, lacquered	1784 90 11	1
stainless steel matt, lacquered	1784 90 04	1
brown glossy	1784 00 01	1



DESIGN	ORDER NO.	PAGE
<b>BLC controller 1.1 m</b>		
Delay time	≈ 2 min	
Nominal mounting height	1.1 m	
Detection angle	180 °	
Detection field, semi-oval shaped	≈ 10 x 12 m	
Range, frontal	≈ 10 m	
Range, side	each ≈ 6 m	
Response sensitivity, settable	≈ 20 ... 100 %	
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)	
Dimensions assembling height	23.5 mm	
Operating temperature	-20 ... +45 °C	
	■ activation by push-button, NC contact in the line	
	■ with cover to limit detection angle to 90°	
	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>
	BLC Inserts	page 89
		<b>PAGE</b>
		<b>920</b>



Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	1783 89 82	1
polar white glossy	1783 89 89	1
polar white matt	1783 19 09	1
anthracite matt	1783 16 06	1
aluminium matt, lacquered	1783 14 04	1
<b>Modul 2</b>		
white glossy	# 1783 02	1
polar white glossy	# 1783 09	1



<b>Berker Q.1/Q.3</b>		
polar white velvety	1783 60 89	1
anthracite velvety, lacquered	* 1783 60 86	1



<b>Berker K.1/K.5</b>		
polar white glossy	1783 70 09	1
anthracite matt, lacquered	1783 70 06	1
aluminium matt, lacquered	* 1783 70 03	1
stainless steel matt, lacquered	1783 70 04	1
<b>Berker Arsys</b>		
white glossy	1783 00 02	1
polar white glossy	1783 00 69	1
brown glossy	1783 00 01	1
light bronze matt, lacquered	1783 90 11	1
stainless steel matt, lacquered	1783 90 04	1





**BLC IR controller comfort 2.2 m with hand-held transmitter**

Delay time, adjustable	≈ 10 s ... 60 min
Time to dim down	30 s
Short time mode	0.3 s
Limit switch-off	after max. 90 min
Nominal mounting height	2.2 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 12 x 12 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Response sensitivity stages	25/50/75/100 %
Response brightness stages	1/10/150/250 lx
Dimensions assembling height	31.4 mm
Operating temperature	-15 ... +45 °C

**Scope of delivery:**

- BLC IR controller comfort
- IR hand-held transmitter

As-delivered and reset condition: Response sensitivity 100%, time delay 30 s, night mode approx. 1 lx, additional functions OFF.

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- dimming insert switch-off advance warning (30 s dimming process)
- with adaptive sensitivity adjustment
- glare-proof, e.g. against a torch
- switch insert switch-off advance warning (3x alternately 0.2 s off/10 s on) via remote control
- with teach function for response brightness
- µ-processor controlled mode of operation
- switch-on brightness for BLC dimmer insert with hand-held transmitter and BLC extension unit storable
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode
- angle of detection limiter by means of sensor cutoff via remote control
- settings power-failure proof
- with detection and IR receiver LED red, and IR confirmation LED green
- with crawl-under protection

**SUITABLE FOR**  
BLC Inserts

**ORDER NO.**      **PAGE**  
page 89

**i 921**

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1789 89 82</b>	1
polar white glossy	<b>1789 89 89</b>	1
polar white matt	<b>1789 19 09</b>	1
anthracite matt	<b>1789 16 06</b>	1
aluminium matt, lacquered	<b>1789 14 04</b>	1
<b>Modul 2</b>		
white glossy	# <b>1789 02</b>	1
polar white glossy	# <b>1789 09</b>	1
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1789 60 89</b>	1
anthracite velvety, lacquered	* <b>1789 60 86</b>	1
<b>Berker K.1/K.5</b>		
polar white glossy	<b>1789 70 09</b>	1
anthracite matt, lacquered	<b>1789 70 06</b>	1
aluminium matt, lacquered	* <b>1789 70 03</b>	1
stainless steel matt, lacquered	<b>1789 70 04</b>	1
<b>Berker Arsys</b>		
white glossy	<b>1789 00 02</b>	1
polar white glossy	<b>1789 00 69</b>	1
light bronze matt, lacquered	<b>1789 90 11</b>	1
stainless steel matt, lacquered	<b>1789 00 04</b>	1





**Hand-held transmitter for BLC IR controller**

Operating voltage	3 V=
Number of IR channels	31
Dimensions (L x W x H)	85 x 52 x 7 mm

Functions and settings for BLC controller master station: 2 h on/off, continuous on/off, dimming (with BLC dimmer insert), short-time, hotel and test mode, switch insert switch-off advance warning, response brightness stages, response brightness continuously learnable, switch-on brightness storable (for BLC dimmer insert), response sensitivity in stages, delay time in stages and continuously learnable, sensor switch-off for angle of detection limitation, simultaneous operation, reset.

Functions and settings for BLC controller extension unit: extension unit 2 h or continuous OFF, response sensitivity in stages, sensor switch-off for angle of detection limitation, motion LED, reset.

IR remote control for individual configuration of the BLC IR Comfort controller 2.2 m.

- with 31 function keys
- with teach function for response brightness
- test functions for sensor setting (left, right, both sensors active)
- key function for switch-off advance warning
- key function for setting minimum brightness (only for operation with dimmer insert)
- key function for test mode
- key functions for 2 h ON/OFF, continuous ON/OFF and automatic mode
- key functions for response sensitivity 25%, 50%, 75% and 100%
- key functions for presence simulation, hotel and outdoor mode
- key functions for setting the follow-up time: 30 s, 2/5/30 min and individual follow-up time
- with enclosed lithium cell battery 3 V type: CR 2025



DESIGN  
light grey/dark grey

ORDER NO.  
**Included in scope of delivery**

**i 921**



**BLC controller 2.2 m**

Delay time	≈ 2 min
Time to dim down	30 s
Nominal mounting height	2.2 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 12 x 12 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Response brightness, teachable	≈ 10 lx
Dimensions assembling height	31.4 mm
Operating temperature	-15 ... +45 °C



- dimming insert switch-off advance warning (30 s dimming process)
- with adaptive sensitivity adjustment
- glare-proof, e.g. against a torch
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness for BLC dimmer insert with hand-held transmitter and BLC extension unit storable
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- with crawl-under protection

As-delivered and reset condition: response brightness 10 lx.

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

**SUITABLE FOR** BLC Inserts  
**ORDER NO.** **PAGE**  
page 89

**i 921**

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	<b>1788 89 82</b>	1
polar white glossy	<b>1788 89 89</b>	1
polar white matt	<b>1788 19 09</b>	1
anthracite matt	<b>1788 16 06</b>	1
aluminium matt, lacquered	<b>1788 14 04</b>	1

**Modul 2**

white glossy	# <b>1788 02</b>	1
polar white glossy	# <b>1788 09</b>	1

**Berker Q.1/Q.3**

polar white velvety	<b>1788 60 89</b>	1
anthracite velvety, lacquered	★ <b>1788 60 86</b>	1







DESIGN	ORDER NO.	PU
<b>Berker K.1/K.5</b>		
polar white glossy	<b>1788 70 09</b>	1
anthracite matt, lacquered	<b>1788 70 06</b>	1
aluminium matt, lacquered	* <b>1788 70 03</b>	1
stainless steel matt, lacquered	<b>1788 70 04</b>	1
<b>Berker Arslys</b>		
white glossy	<b>1788 00 02</b>	1
polar white glossy	<b>1788 00 69</b>	1
light bronze matt, lacquered	<b>1788 90 11</b>	1
stainless steel matt, lacquered	<b>1788 00 04</b>	1



**BLC controller comfort 1.1 m IP44**

Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Nominal mounting height	1.1 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 10 x 12 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

**SUITABLE FOR** BLC Inserts      **ORDER NO.**      **PAGE**  
page 89

**i 920**

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.



DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety <sup>1)</sup>	<b>1784 61 89</b>	1
anthracite velvety, lacquered <sup>1)</sup>	* <b>1784 61 86</b>	1
<b>Berker K.1/K.5</b>		
polar white glossy <sup>1)</sup>	<b>1784 71 09</b>	1
anthracite matt, lacquered <sup>1)</sup>	<b>1784 71 06</b>	1

**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

white glossy <sup>2)</sup>	<b>1784</b>	1
polar white glossy <sup>2)</sup>	<b>1784 19</b>	1
brown glossy <sup>2)</sup>	<b>1784 11</b>	1

<sup>1)</sup> sealing set enclosed  
<sup>2)</sup> with cover to limit detection angle to 90°

**NEW**



**BLC controller 1.1 m IP44**

Delay time	≈ 2 min
Nominal mounting height	1.1 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 10 x 12 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

**SUITABLE FOR**  
BLC Inserts

**ORDER NO.**      **PAGE**  
page 89

**i 920**

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety <sup>1)</sup>	<b>1783 61 89</b>	1
anthracite velvety, lacquered <sup>1)</sup>	<b>* 1783 61 86</b>	1
<b>Berker K.1/K.5</b>		
polar white glossy <sup>1)</sup>	<b>1783 71 09</b>	1
anthracite matt, lacquered <sup>1)</sup>	<b>1783 71 06</b>	1



**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

white glossy <sup>2)</sup>	<b>1783</b>	1
polar white glossy <sup>2)</sup>	<b>1783 19</b>	1
brown glossy <sup>2)</sup>	<b>1783 11</b>	1

<sup>1)</sup> sealing set enclosed  
<sup>2)</sup> with cover to limit detection angle to 90°

**NEW**



**BLC controller comfort 2.2 m IP44**

Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Nominal mounting height	2.2 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 12 x 12 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

**SUITABLE FOR**  
BLC Inserts

**ORDER NO.**      **PAGE**  
page 89

**i 920**

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety <sup>1)</sup>	<b>1787 61 89</b>	1
anthracite velvety, lacquered <sup>1)</sup>	<b>* 1787 61 86</b>	1





**Berker K.1/K.5**

polar white glossy <sup>1)</sup>	<b>1787 71 09</b>	1
anthracite matt, lacquered <sup>1)</sup>	<b>1787 71 06</b>	1



**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

white glossy	<b>1787</b>	1
polar white glossy	<b>1787 19</b>	1
brown glossy	<b>1787 11</b>	1

<sup>1)</sup> sealing set enclosed

**NEW**



**BLC controller 2.2 m IP44**

Delay time	≈ 2 min	■ activation by push-button, NC contact in the line
Nominal mounting height	2.2 m	■ with cover to limit detection angle to 90°
Detection angle	180 °	
Detection field, semi-oval shaped	≈ 12 x 12 m	<b>SUITABLE FOR</b>
Range, frontal (at 1.1 m installation height)	≈ 6 m	BLC Inserts
Range, frontal	≈ 12 m	<b>ORDER NO.</b>
Range, side (at 1.1 m installation height)	each ≈ 3 m	<b>PAGE</b>
Range, side	each ≈ 6 m	page 89
Response sensitivity, settable	≈ 20 ... 100 %	<b>i 920</b>
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)	
Dimensions assembling height	23.5 mm	
Operating temperature	-20 ... +45 °C	



In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker Q.1/Q.3**

polar white velvety <sup>1)</sup>	<b>1786 61 89</b>	1
anthracite velvety, lacquered <sup>1)</sup>	<b>* 1786 61 86</b>	1

**Berker K.1/K.5**

polar white glossy <sup>1)</sup>	<b>1786 71 09</b>	1
anthracite matt, lacquered <sup>1)</sup>	<b>1786 71 06</b>	1



**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

white glossy	<b>1786</b>	1
polar white glossy	<b>1786 19</b>	1
brown glossy	<b>1786 11</b>	1

<sup>1)</sup> sealing set enclosed



IP20

**BLC ceiling controller 360°**

Number of substations	max. 10
Number of extension units (for order no. 2902)	max. 5
Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 2.5 s
Short time mode	1 s
Installation height	≈ 3 m
Detection angle	360 °
Approach range	≈ 6 m
Cross range	≈ 10 m
Response brightness, adjustable	≈ 2 ... 80 lx, ∞ lx (day)
Dimensions (Ø x assembling height)	103 x 42 mm
Operating temperature	+5 ... +35 °C

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- with dimming function (soft-off) when using BLC dimmer inserts
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- on BLC dimmer inserts, saving of the switch-on brightness and temporary dimming via BLC extension unit
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with push-on cover to limit the detection field
- for ceiling mounting in 60 surface-mounted or hollow-wall box
- detection field extension with BLC controller extension unit
- on BLC or push-button (NO) extension units can be switched on by retriggering
- with red detection LED (when minimum response brightness level infringed)

SUITABLE FOR	ORDER NO.	PAGE
BLC Inserts		page 89
<b>optional</b>		
Surface-mounted housing for BLC and KNX presence detector	1076 09	100
DESIGN	ORDER NO.	PU
polar white matt	<b>1701 11</b>	1



**BLC presence detectors**



IP20

**BLC presence detector with constant light control**

Number of substations	max. 10
Delay time, adjustable	≈ 10 s ... 30 min
Monitor run-on time, settable	≈ 10 s ... 10 min
Presence detector run-on time, settable	≈ 10 ... 30 min
Activation on movement	< 30 cm
Detection angle	360 °
Recommended installation height	≈ 2.5 m
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Response brightness, adjustable	≈ 10 ... 1000 lx, ∞ lx (day)
Dimensions (Ø x assembling height)	103 x 42 mm
Operating temperature	+5 ... +35 °C

The purpose of the presence detector with constant light control is to save energy by dimming/switching off lighting when unoccupied or when ambient light level is sufficient. Furthermore, it facilitates presence-dependent activation of heating/ventilation systems in conjunction with the BLC relay/switch insert HVAC. Application areas e.g. office buildings, schools, hotels and nursing homes.

- with Dia-presentation function
- with dimming function (soft-off) when using BLC dimmer inserts
- with push-on cover to limit the detection field
- for ceiling mounting in 60 surface-mounted or hollow-wall box
- energy saving by presence and brightness-controlled lighting control
- detection field extension with BLC controller extension unit
- on BLC extension units, the brightness setpoint can also be temporarily changed
- on BLC or push-button (NO), extension units can be switched on and off by retriggering
- also to be used as ceiling controller in through areas
- with red diagnosis and settings help LED

SUITABLE FOR	ORDER NO.	PAGE
BLC Inserts		page 89
<b>optional</b>		
Surface-mounted housing for BLC and KNX presence detector	1076 09	100
<b>i 923</b>		



DESIGN	ORDER NO.	PU
polar white matt	<b>1701 10</b>	1



**Surface-mounted housing for BLC and KNX presence detector**

Dimensions (Ø x assembling height)	103 x 45 mm
------------------------------------	-------------

- cable entry from all sides possible
- also for KNX applications - KNX presence detector

SUITABLE FOR	ORDER NO.	PAGE
BLC presence detector with constant light control	1701 10	100
BLC ceiling controller 360°	1701 11	100

DESIGN	ORDER NO.	PU
polar white matt	<b>1076 09</b>	1

**PRESENCE DETECTORS**

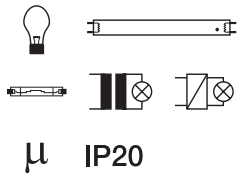
**Presence detector surface-mounted**



**Presence detector AP**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current (ohmic)	max. 10 A
Switch-on current < 4 s	max. 35 A /min.
230 V incandescent lamps and halogen lamps	1000 W
Fluorescent lamps:	
- uncompensated	500 VA
- parallel compensated	400 VA [200 µF]
Duo circuit KVG	1000 VA
Conventional transformers	750 VA
Electronic transformers	750 W
Delay time, adjustable	≈ 10 s ... 30 min
Monitor run-on time, settable	≈ 10 s ... 10 min
Presence detector run-on time, settable	≈ 10 ... 30 min
Activation on movement	< 30 cm
Detection angle	360 °
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Response brightness, adjustable	≈ 10 ... 1000 lx, ∞ lx (day)
Dimensions (Ø x assembling height)	103 x 57.5 mm
Operating temperature	+5 ... +35 °C

- with communication between individual units connected in parallel (controller system formation)
- with push-on cover to limit the detection field
- for ceiling assembly (also on a 60 wall box)
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- on push-button (NO), extension units can be switched on and off by retriggering
- also to be used as ceiling controller in through areas
- with red diagnosis and settings help LED
- with fitting material
- with plug-in terminals



**SUITABLE FOR**

**optional**  
Making current limiter

**ORDER NO.**

185

**PAGE**

78

**i 925**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.

Application areas e.g. office buildings, schools, hotels and nursing homes.



**DESIGN**

polar white matt

**ORDER NO.**

**1701 08**

**PU**

1

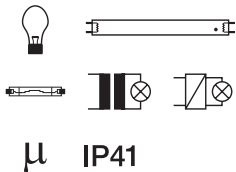
**IR presence detectors**

- IEC 60669-2-1
- Connection terminals according to IEC 60669-1



**IR presence detector**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (operation)	≈ 2.4 VA
Power consumption (standby)	270 mW
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- parallel compensated	1000 VA
Compact fluorescent lamps	23 VA
Conventional transformers	1500 VA
Electronic transformers	1500 W
Delay time, adjustable	≈ 1 min ... 1 h
Detection angle	360 °
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Conductor cross-section (rigid)	0.5 ... 1.5 mm <sup>2</sup>
Conductor cross-section (flexible)	0.5 ... 1.5 mm <sup>2</sup>
Dimensions (Ø x H)	78 x 70 mm
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Operating temperature	-10 ... +60 °C



- can only be used as a single unit
- with potentiometers for setting the response brightness and delay time without dismantling
- operating modes: semiautomatic, automatic, teach-in, day, corridor, office, test mode
- with spring clips for ceiling installation
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- on push-button (NO), extension units can be switched on and off by retriggering
- with red and green acknowledge/receive LED
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
IR hand-held transmitter for presence detector	7590 40 01	103
IR configuration hand-held transmitter for presence detector	7590 40 02	103
Surface-mounted housing for IR presence detector	1701 05	103

The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.  
Application areas e.g. office buildings, schools, hotels and nursing homes.



DESIGN	ORDER NO.	PU
polar white matt	<b>1701 06</b>	1



**DALI IR presence detector**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption	≈ 60 mW
Delay time, adjustable	≈ 1 min ... 1 h
Detection angle	360 °
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Conductor cross-section (rigid)	0.5 ... 1.5 mm <sup>2</sup>
Conductor cross-section (flexible)	0.5 ... 1.5 mm <sup>2</sup>
Dimensions (Ø x H)	78 x 70 mm
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Operating temperature	-10 ... +60 °C

**IP41**

- can only be used as a single unit
- with potentiometers for setting the response brightness and delay time without dismantling
- storing 4 individual switch-on brightness values with hand-held transmitter
- operating modes: semiautomatic, automatic, teach-in, day, corridor, office, test mode
- with spring clips for ceiling installation
- integrated DALI/DSI output (broadcast) for switching/controlling 24 DALI/DSI electronic ballasts
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- on push-button (NO), extension units can be switched on and off by retriggering
- with red and green acknowledge/receive LED
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
IR hand-held transmitter for presence detector	7590 40 01	103
IR configuration hand-held transmitter for presence detector	7590 40 02	103
Surface-mounted housing for IR presence detector	1701 05	103

The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.  
Application areas e.g. office buildings, schools, hotels and nursing homes.



DESIGN	ORDER NO.	PU
polar white matt	<b>1701 07</b>	1



**Surface-mounted housing for IR presence detector**

Dimensions (Ø x H) 75 x 67 mm

- with cable entry
- also for KNX applications - KNX IR presence detector

SUITABLE FOR	ORDER NO.	PAGE
IR presence detector	1701 06	102
DALI IR presence detector	1701 07	102

DESIGN	ORDER NO.	PU
polar white matt	<b>1701 05</b>	1



IP30

**IR hand-held transmitter for presence detector**

Battery service life [years] ≈ 3.5  
Dimensions (L x W x H) 120 x 70 x 10 mm

- with 4 function buttons (calling up/saving light scene)
- with green "on" and red "off" button (on/off, dimmer function)
- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- also for KNX applications - KNX IR presence detector

Scope of functions dependent on the controlled presence detector.

For control for the lighting connected to the presence detector.

Required battery (CR 2032) is included in the scope of delivery.

SUITABLE FOR	ORDER NO.	PAGE
IR presence detector	1701 06	102
DALI IR presence detector	1701 07	102

DESIGN	ORDER NO.	PU
black matt	<b>7590 40 01</b>	1



IP30

**IR configuration hand-held transmitter for presence detector**

Battery service life [years] ≈ 3.5  
Dimensions (L x W x H) 111 x 63 x 10 mm

- 3 configuration ranges for control, switch-off delay, brightness threshold
- setting of the brightness threshold manually, by default values or teach-in mode
- default settings can be selected for the brightness threshold daylight, office, corridor
- 15 buttons with integrated status-LED
- RC6 code
- 2 configuration memories for identical configuration of several presence detectors
- additional acknowledgement LED for displaying the IR transmission
- also for KNX applications - KNX IR presence detector

For convenient configuration of supported presence detectors.

Required battery (CR 2032) is included in the scope of delivery.

SUITABLE FOR	ORDER NO.	PAGE
IR presence detector	1701 06	102
DALI IR presence detector	1701 07	102

DESIGN	ORDER NO.	PU
black matt	<b>7590 40 02</b>	1



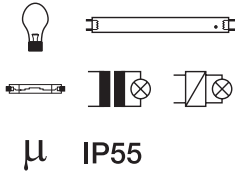
**CONTROLLERS SURFACE-MOUNTED**



**Controller 70° surface-mounted**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption	≈ 1.1 W
230 V incandescent lamps and halogen lamps	1000 W
Fluorescent lamps:	
- uncompensated	500 VA
- parallel compensated	400 VA
- in Duo circuit	1000 VA
Conventional transformers	750 VA
Electronic transformers	750 W
Delay time, adjustable	≈ 10 s ... 5 min
Detection angle	70 °
Range	≈ 8 m
Range adjustable in 3 stages	4, 6, 8 m
Recommended installation height	≈ 2.4 m
Detection field, rectangular shaped	≈ 8 x 11 m
Response brightness, adjustable	≈ 3 ... 80 lx, ∞ lx (day)
Dimensions (W x H x D)	62 x 120 x 42 mm
Ambient temperature	-25 ... +55 °C

- activation by push-button, NC contact in the line
- with cable entry at top and bottom
- with covers to limit the detection field
- for wall mounting
- specially for frontal approach
- with plug-in terminals



**SUITABLE FOR optional**

Making current limiter

ORDER NO.	PAGE
185	78

**i 928**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

To prevent incorrect switching caused by draughts, the supplied sealings must be used under the fastening screws.

Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.

Neutral conductor necessary!



DESIGN	ORDER NO.	PU
polar white matt	<b>1 4399 09</b>	1
anthracite matt	<b>1 4399 05</b>	1





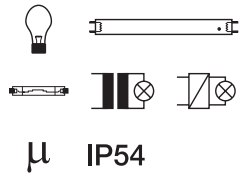
**Automatic controller plus 110° surface-mounted**

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps	2300 W
230 V halogen lamps	1000 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	1200 W
Delay time, adjustable	≈ 12 s ... 12 min
Detection angle	110 °
Range	≈ 16 m
Recommended installation height	≈ 2.5 m
Detection field width	max. 25 m
Response brightness, adjustable	≈ 5 ... 300 lx, ∞ lx (day)
Dimensions (W x H x D)	90 x 125 x 134 mm
Operating temperature	-35 ... +50 °C

- μ-processor controlled mode of operation
- activation by push-button, NC contact in the line
- with 2 cable entries at bottom
- with covers to limit the detection field
- for wall mounting
- digital detection signal evaluation
- rotating and vertically slewing
- with fitting material
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b>		
Making current limiter	185	78

**i 928**



For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.

Neutral conductor necessary!



DESIGN	ORDER NO.	PU
polar white glossy	<b>102 09</b>	1



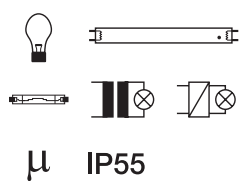
**Controller Berker Control 220° surface-mounted**

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	1200 W
Delay time, adjustable	≈ 2 s ... 30 min
Short time mode	0.5 s
Limit switch-off	after max. 90 min
Detection angle	220 °
Detection field, semi-oval shaped	≈ 22 x 20 m
Range	≈ 16 m
Recommended installation height	≈ 2.4 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 1 ... 1000 lx, ∞ lx (day)
Dimensions (W x H x D)	109 x 112 x 139 mm
Operating temperature	-20 ... +55 °C

- with communication between individual units connected in parallel (controller system formation)
- with limit switch-off
- glare-proof, e.g. against a torch
- with non-weather-dependent range consistency
- μ-processor controlled mode of operation
- activation by push-button, NC contact in the line
- step operation with immunity time adjustment (e.g. for bell)
- with 4 operating modes: controller operation/4 h on/4 h off/test mode
- mode change by NC push-button in lead
- cable entry from all sides possible
- with cover elements to limit the detection field
- for wall and ceiling mounting
- digital detection signal evaluation
- digital interference signal suppression
- vertically slewing and horizontally rotating
- with LED detection and mode indicator
- with crawl-under protection
- with fitting material
- with plug-in terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b>		
Making current limiter	185	78

**i 928**



For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.

Neutral conductor necessary!



DESIGN	ORDER NO.	PU
polar white glossy	<b>190</b>	1

**CONTROLLER SYSTEM**

**System controller, surface-mounted**

- Rotating and vertically slewing
- For wall mounting
- With 2 cable entries at top
- With push-on cover to limit the detection field
- With fitting material
- With LED detection indicator
- With screw terminals
- Controller system sensor cable, e.g. JY-ST-Y 2x2x0.8 mm



**System controller 180°**

Operating voltage	15 V=
Detection angle	180 °
Recommended installation height	≈ 2.4 m
Detection field, semi-circular shaped	≈ 16 x 32 m
Fail-safety	≤ 10 V/m
Range	≈ 16 m
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	80 x 68 x 92 mm

**SUITABLE FOR**  
System controller power packs  
Mounting accessories

**ORDER NO.**      **PAGE**  
page 107  
page 108

**i 929**

**IP55**

Sends signal to controller system power pack if people are detected.



DESIGN	ORDER NO.	PU
polar white glossy	<b>151 09</b>	1



**System controller 240°**

Operating voltage	15 V=
Response sensitivity, settable	≈ 20 ... 100 %
Detection angle	240 °
Recommended installation height	≈ 2.4 m
Detection field, rectangular shaped	≈ 22 x 20 m
Range	≈ 16 m
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	80 x 68 x 117 mm

- with cover for crawl under protection
- with push-on cover to limit the detection field
- with crawl-under protection

**SUITABLE FOR**  
System controller power packs  
Mounting accessories

**ORDER NO.**      **PAGE**  
page 107  
page 108

**i 929**

**IP55**

Sends signal to controller system power pack if people are detected.



DESIGN	ORDER NO.	PU
polar white glossy	<b>152 09</b>	1

**System controller power packs**

- Switching on infringement of the minimum response brightness level and when people are detected by the 180°/240° system controllers and 1.1 m/2.2 m system controllers for the duration of the delay time.



**System controller power unit surface-mounted**

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	1200 W
Delay time, adjustable	≈ 4 s ... 15 min
Response brightness, adjustable	≈ 3 ... 80 lx, ∞ lx (day)
Dimensions (W x H x D)	110 x 94 x 38 mm
Operating temperature	-25 ... +55 °C

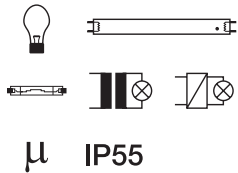
- with limit switch-off
- with 2 cable entries at bottom
- for connection of system controllers 180°/240° and system controller inserts: max 8 pieces
- with green indicator LED
- with fitting material
- with screw terminals

**SUITABLE FOR**  
System controller, surface-mounted

**ORDER NO.**      **PAGE**  
page 106

**optional**  
Making current limiter      185      78

**i 929**



Neutral conductor necessary!



<b>DESIGN</b>	<b>ORDER NO.</b>	<b>PU</b>
polar white glossy	<b>150 29</b>	1



**System controller power unit 1-channel RMD**

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	1200 W
Delay time, adjustable	≈ 4 s ... 15 min
Response brightness, adjustable	≈ 3 ... 80 lx, ∞ lx (day)
Width of rail mounted device (RMD)	4 TE
Operating temperature	-25 ... +55 °C

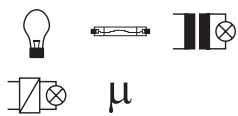
- with limit switch-off
- for connection of system controllers 180°/240° and system controller inserts: max 8 pieces
- with potential-free contact
- with green indicator LED
- with screw terminals

**SUITABLE FOR**  
System controller, surface-mounted

**ORDER NO.**      **PAGE**  
page 106

**optional**  
Making current limiter      185      78

**i 929**



Neutral conductor necessary!



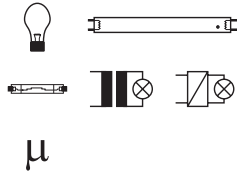
<b>DESIGN</b>	<b>ORDER NO.</b>	<b>PU</b>
light grey	<b>155</b>	1



**System controller power unit 2-channel RMD**

Operating voltage 230 V~  
 Frequency 50 Hz  
 230 V incandescent lamps and halogen lamps per channel 2300 W  
 Fluorescent lamps:  
 - uncompensated 1200 VA  
 - parallel compensated 920 VA  
 - in Duo circuit 2300 VA  
 Conventional transformers 1200 VA  
 Electronic transformers per channel 1200 W  
 Delay time, adjustable ≈ 4 s ... 15 min  
 Response brightness, adjustable ≈ 3 ... 80 lx, ∞ lx (day)  
 Width of rail mounted device (RMD) 4 TE  
 Operating temperature -25 ... +55 °C

- with limit switch-off
- for connection of system controllers 180°/240° and system controller inserts: max 2 x 8 pieces
- with potential-free and mains-connected contact
- with green indicator LED per channel
- with screw terminals



Neutral conductor necessary!

SUITABLE FOR	ORDER NO.	PAGE
System controller, surface-mounted		page 106
<b>optional</b> Making current limiter	185	78

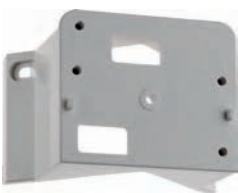
**i 929**



DESIGN	ORDER NO.	PU
light grey	<b>159</b>	1

**SUPPLEMENTARY PRODUCTS**

**Mounting accessories**



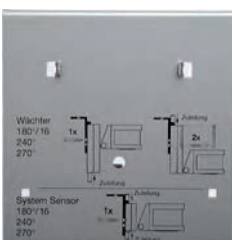
**Corner mounting piece for controllers/sensors**

- for mounting, e.g. on building corners

SUITABLE FOR	ORDER NO.	PAGE
Radio controller surface-mounted	1 7401 09	749
System controller 180°	151 09	106
System controller 240°	152 09	106
Weather station surface-mounted	7549 00 01	863

**i 933**

DESIGN	ORDER NO.	PU
polar white glossy	<b>149 09</b>	1



**Ceiling mounting angle for controller**

- for ceiling mounting

SUITABLE FOR	ORDER NO.	PAGE
Radio controller surface-mounted	1 7401 09	749
System controller 180°	151 09	106
System controller 240°	152 09	106

**i 933**

DESIGN	ORDER NO.	PU
Ceiling mounting angle for controller	<b>148</b>	1



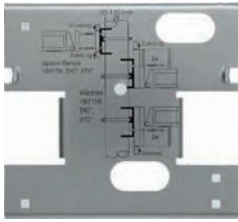
**Ceiling mounting angle 2gang for controller**

- for ceiling mounting of 2 controllers 180

SUITABLE FOR	ORDER NO.	PAGE
Radio controller surface-mounted	1 7401 09	749
System controller 180°	151 09	106
System controller 240°	152 09	106

**i 933**

DESIGN	ORDER NO.	PU
Ceiling mounting angle 2gang for controller	<b>158</b>	1



**Mast fixing for controllers/sensors**

Mast Ø 50 ... 120 mm

**SUITABLE FOR**

Radio controller surface-mounted  
System controller 180°  
System controller 240°  
Weather station surface-mounted

**ORDER NO.**

1 7401 09  
151 09  
152 09  
7549 00 01

**PAGE**

749  
106  
106  
863

**i 933**

DESIGN

Mast fixing for controllers/sensors

ORDER NO.

**154**

PU

1

**Radio interference suppressors for controllers**



**Interference suppressor for controller**

Rated voltage 250 V~  
Frequency 50/60 Hz  
Capacity 0.05 µF  
Resistor 100 Ω  
Pre-assembled cables ≈ 95 mm  
Dimensions (Ø x H) 18 x 37 mm

■ RC element

**SUITABLE FOR**

BLC timer RMD for stairway light

**ORDER NO.**

163 01

**PAGE**

57

**i 931**

For connection of mains-parallel inductivities (e. g. conventional transformers) when they cause the controller to reactivate.

DESIGN

light grey

ORDER NO.

**123**

PU

1

BLIND CONTROL



**B.**  
Berker

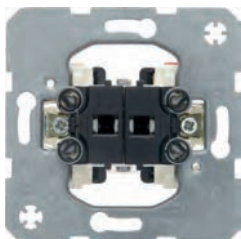
BLIND SWITCHES/PUSH-BUTTONS	112-119
NEW ELECTRONICS PLATFORM	120-121
ROLLOTEC SYSTEM	121-130
SUPPLEMENTARY PRODUCTS	130-132

A single action – and you can darken, brighten, open or lock any room to people outside. When combined with timers or sensors, all of this can happen automatically at times you set yourself or when the weather is bad. In this way, a Berker blind controller not only provides controlled sunlight penetration and temperature, but also tangibly more safety.

- Time-controlled raising and lowering of blinds.
- Twilight-controlled blind movement.
- Retraction of awnings or window closing according to precipitation or wind.
- Monitoring of windows and doors against glass breakage.
- Shut-out protection against blind lowering when the patio door is open.

**BLIND SWITCHES/PUSH-BUTTONS**

**Switch / push-button for blinds**



**Blind series switch 1pole**

Rated voltage  
Switching current

250 V~  
10 A

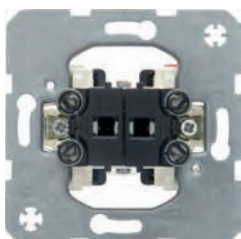
- with mechanical and electrical interlocking to prevent mutual switch on
- with plug-in terminals

Follow the motor manufacturers' instructions.

**i 910**



DESIGN	ORDER NO.	PU
Blind series switch 1pole	<b>3035 20</b>	10



**Blind series switch 1pole**

Rated voltage  
Momentary-contact current

250 V~  
10 A

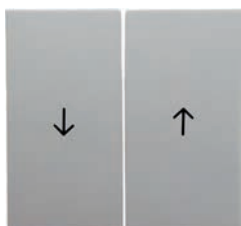
- with mechanical and electrical interlocking to prevent mutual activation
- with plug-in terminals

Follow the motor manufacturers' instructions.

**i 910**



DESIGN	ORDER NO.	PU
Blind series switch 1pole	<b>5035 20</b>	10



**Rocker 2gang with imprinted arrow symbol**

- also for KNX applications: push-button, 2gang
- for blind series switch/push-button

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1625 89 82</b>	10
polar white glossy	<b>1625 89 89</b>	10
polar white matt	<b>1625 19 09</b>	10
anthracite matt	<b>1625 16 06</b>	10
aluminium matt, lacquered	<b>1625 14 04</b>	10
<b>Modul 2</b>		
white glossy	# <b>1625 12</b>	10
polar white glossy	# <b>1625 19</b>	10



<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1625 60 89</b>	10
anthracite velvety, lacquered	* <b>1625 60 86</b>	10



<b>Berker K.1/K.5</b>		
polar white glossy	<b>1435 71 09</b>	10
anthracite matt, lacquered	<b>1435 71 06</b>	10
Aluminium, aluminium anodised	* <b>1435 71 03</b>	10
Stainless steel, metal matt finish	<b>1435 71 04</b>	10



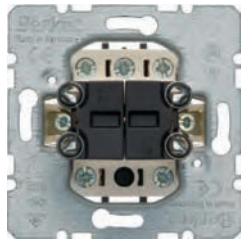
<b>Berker Arsys</b>		
white glossy	<b>1435 01 02</b>	10
polar white glossy	<b>1435 01 69</b>	10
brown glossy	<b>1435 01 01</b>	10
Stainless steel, metal matt finish	<b>1434 01 04</b>	10
gold matt, aluminium anodised	<b>1434 01 02</b>	10





DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy	* 1625 20 89	10
black glossy	* 1625 20 45	10

**Multi-pole push-buttons for blinds**



**Group series push-button, 4 NO contacts, common input terminal**

- 0 position



Rated voltage  
Momentary-contact current

250 V~  
10 A

- with neutral-position
- also suitable as series push-button for blinds
- with screw terminals

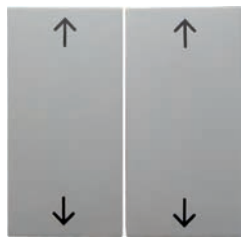
SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit for switches/push-buttons	1600 02	73

Follow the motor manufacturers' instructions.  
Connection terminals according to IEC 60669-1

**i 910**



DESIGN	ORDER NO.	PU
Group series push-button, 4 NO contacts, common input terminal	<b>5034 04</b>	10



**Rocker 2gang with imprinted arrows symbol**

- also for KNX applications: group push-button, 2gang

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1644 89 82</b>	10
polar white glossy	<b>1644 89 89</b>	10
polar white matt	<b>1644 19 09</b>	10
anthracite matt	<b>1644 16 06</b>	10
aluminium matt, lacquered	<b>1644 14 04</b>	10

**Modul 2**

white glossy	# 1644 02	10
polar white glossy	# 1644 09	10



<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1644 60 89</b>	10
anthracite velvety, lacquered	* 1644 60 86	10



<b>Berker K.1/K.5</b>		
polar white glossy	<b>1435 72 09</b>	10
anthracite matt, lacquered	<b>1435 72 06</b>	10
Aluminium, aluminium anodised	* 1435 71 03	10
Stainless steel, metal matt finish	<b>1435 72 04</b>	10



<b>Berker Arsys</b>		
white glossy	<b>1435 03 02</b>	10
polar white glossy	<b>1435 03 69</b>	10
brown glossy	<b>1435 03 01</b>	10
light bronze matt, aluminium lacquered	<b>1434 03 01</b>	10
Stainless steel, metal matt finish	<b>1434 03 04</b>	10
gold matt, aluminium anodised	<b>1434 03 02</b>	10

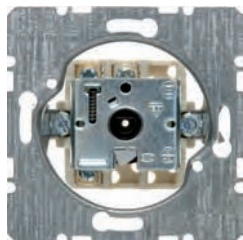


<b>Berker R.1/R.3</b>		
polar white glossy	* 1644 20 89	10
black glossy	* 1644 20 45	10

**Rotary switch for blinds**



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Rotary switch for blinds 1pole**

Rated voltage  
Switching current

250 V~  
10 A

- with push lock function
- with neutral-position
- for centre plate with rotary knob
- with screw terminals

Follow the motor manufacturers' instructions.  
Connection terminals according to IEC 60669-1

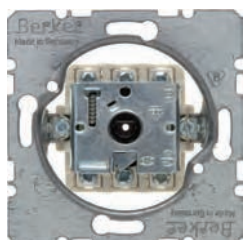
SUITABLE FOR	ORDER NO.	PAGE
Centre plate with rotary knob for rotary switch for blinds	1077 ..	115
Centre plate with rotary knob for rotary switch for blinds	1080 ..	114
Centre plate with rotary knob for rotary switch for blinds	1529 ..	657
<b>optional</b>		
Interlock disk for rotary switch for blinds	1861 ..	115



DESIGN  
Rotary switch for blinds 1pole

ORDER NO. **3841** PU 10

**i 910**



**Rotary switch for blinds 2pole**

Rated voltage  
Switching current

250 V~  
10 A

- with push lock function
- with neutral-position
- for centre plate with rotary knob
- with screw terminals

Follow the motor manufacturers' instructions.  
Connection terminals according to IEC 60669-1

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with rotary knob for rotary switch for blinds	1077 ..	115
Centre plate with rotary knob for rotary switch for blinds	1080 ..	114
Centre plate with rotary knob for rotary switch for blinds	1529 ..	657
<b>optional</b>		
Interlock disk for rotary switch for blinds	1861 ..	115



DESIGN  
Rotary switch for blinds 2pole

ORDER NO. **3842** PU 10

**i 910**



**Centre plate with rotary knob for rotary switch for blinds**

- with imprint

DESIGN

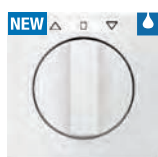
ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	<b>1080 89 82</b>	1
polar white glossy	<b>1080 89 89</b>	1
polar white matt	<b>1080 19 09</b>	1
anthracite matt	<b>1080 16 06</b>	1
aluminium matt, lacquered	<b>1080 14 04</b>	1

**Modul 2**

white glossy	# <b>1080 02</b>	1
polar white glossy	# <b>1080 09</b>	1



**Berker Q.1/Q.3**

polar white velvety	<b>1080 60 89</b>	1
anthracite velvety, lacquered	* <b>1080 60 86</b>	1



DESIGN	ORDER NO.	PU
<b>Berker K.1/K.5</b>		
polar white glossy	<b>1077 71 09</b>	1
anthracite matt, lacquered	<b>1077 71 06</b>	1
Aluminium, aluminium anodised	* <b>1077 71 03</b>	1
Stainless steel, metal matt finish	<b>1077 71 04</b>	1
<b>Berker Arsys</b>		
white glossy	<b>1077 00 02</b>	1
polar white glossy	<b>1077 00 69</b>	1
brown glossy	<b>1077 00 01</b>	1
light bronze matt, aluminium lacquered	<b>1077 01 01</b>	1
Stainless steel, metal matt finish	<b>1077 01 04</b>	1
gold/polar white, matt/glossy, aluminium anodised	<b>1077 01 02</b>	1
<b>Berker R.1/R.3</b>		
polar white glossy	* <b>1080 20 89</b>	1
black glossy	* <b>1080 20 45</b>	1



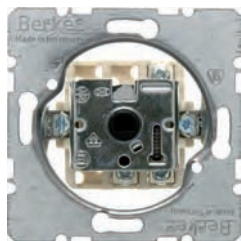
**Interlock disk for rotary switch for blinds**

- for conversion to rotary push-button for roller shutter

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7, Modul 2, Q.1/Q.3, K.1/K.5, Arsys</b>		
Interlock disk for rotary switch for blinds	<b>1861</b>	10
<b>Berker R.1/R.3/Serie R.classic</b>		
Interlock disk for rotary switch for blinds	* <b>1861 01</b>	10

**Key switches/key push-buttons for blinds**

- Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Switch for blinds 1pole for centre plate with lock**

Rated voltage  
Switching current  
Follow the motor manufacturers' instructions.

250 V~  
10 A

- with push lock function
- with neutral-position
- the centre plate used determines the function of switch or push-button
- with screw terminals

**i 910**



DESIGN	ORDER NO.	PU
Switch for blinds 1pole for centre plate with lock	<b>3851</b>	10



**Switch for blinds 2pole for centre plate with lock**

Rated voltage  
Switching current  
Follow the motor manufacturers' instructions.

250 V~  
10 A

- with push lock function
- with neutral-position
- the centre plate used determines the function of switch or push-button
- with screw terminals

**i 910**



DESIGN	ORDER NO.	PU
Switch for blinds 2pole for centre plate with lock	<b>3852</b>	10



**Centre plate with lock and push lock function for switch for blinds**

- Key can be removed in 0 position

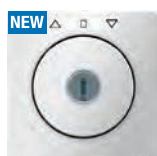
- with imprint
- with 2 keys



DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1081 89 82</b>	1
polar white glossy	<b>1081 89 89</b>	1
polar white matt	<b>1081 19 09</b>	1
anthracite matt	<b>1081 16 06</b>	1
aluminium matt, lacquered	<b>1081 14 04</b>	1

**Modul 2**

white glossy	# <b>1081 02</b>	1
polar white glossy	# <b>1081 09</b>	1



**Berker Q.1/Q.3**

polar white velvety	<b>1081 60 89</b>	1
anthracite velvety, lacquered	* <b>1081 60 86</b>	1



**Berker K.1/K.5**

polar white glossy	<b>1079 71 09</b>	1
anthracite matt, lacquered	<b>1079 71 06</b>	1
Aluminium, aluminium anodised	* <b>1079 71 03</b>	1
Stainless steel, metal matt finish	<b>1079 71 04</b>	1



**Berker Arsys**

white glossy	<b>1079 00 02</b>	1
polar white glossy	<b>1079 00 69</b>	1
brown glossy	<b>1079 00 01</b>	1
light bronze matt, aluminium lacquered	<b>1079 03 01</b>	1
Stainless steel, metal matt finish	<b>1079 03 04</b>	1
gold/polar white, matt/glossy, aluminium anodised	<b>1079 03 02</b>	1



**Centre plate with lock and push lock function for switch for blinds**

- Key can be removed in 3 positions

- with imprint
- with 2 keys



DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1082 89 82</b>	1
polar white glossy	<b>1082 89 89</b>	1
polar white matt	<b>1082 19 09</b>	1

**Modul 2**

white glossy	# <b>1082 02</b>	1
polar white glossy	# <b>1082 09</b>	1



**Berker Q.1/Q.3**

polar white velvety	<b>1082 60 89</b>	1
anthracite velvety, lacquered	* <b>1082 60 86</b>	1



DESIGN	ORDER NO.	PU
<b>Berker K.1/K.5</b>		
polar white glossy	1079 72 09	1
anthracite matt, lacquered	1079 72 06	1
Aluminium, aluminium anodised	* 1079 72 03	1
Stainless steel, metal matt finish	1079 72 04	1
<b>Berker Arsys</b>		
white glossy	1079 01 02	1
polar white glossy	1079 01 69	1
brown glossy	1079 01 01	1
light bronze matt, aluminium lacquered	1079 04 01	1
Stainless steel, metal matt finish	1079 04 04	1
gold/polar white, matt/glossy, aluminium anodised	1079 04 02	1



**Centre plate with lock and touch function for switch for blinds**

- Key can be removed in 0 position



- with imprint
- with 2 keys

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	1083 89 82	1
polar white glossy	1083 89 89	1
polar white matt	1083 19 09	1
<b>Modul 2</b>		
white glossy	# 1083 02	1
polar white glossy	# 1083 09	1



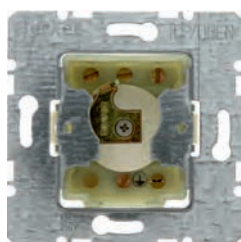
<b>Berker Q.1/Q.3</b>		
polar white velvety	1083 60 89	1
anthracite velvety, lacquered	* 1083 60 86	1



<b>Berker K.1/K.5</b>		
polar white glossy	1079 73 09	1
anthracite matt, lacquered	1079 73 06	1
Aluminium, aluminium anodised	* 1079 73 03	1
Stainless steel, metal matt finish	1079 73 04	1



<b>Berker Arsys</b>		
white glossy	1079 02 02	1
polar white glossy	1079 02 69	1
brown glossy	1079 02 01	1
light bronze matt, aluminium lacquered	1079 05 01	1
Stainless steel, metal matt finish	1079 05 04	1
gold/polar white, matt/glossy, aluminium anodised	1079 05 02	1



**Switch for blinds 1pole for lock cylinder**

- Earthing contact  
- 0 position



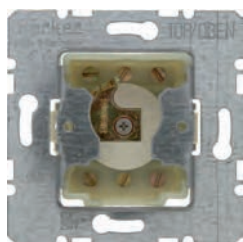
- with push lock function
- 1pole
- with neutral-position
- without spreader claws
- for master-key systems
- with screw terminals

Rated voltage 250 V~  
Switching current 10 A

**IP44**



DESIGN	ORDER NO.	PU
<b>FLUSH-MOUNTED SPLASH-PROTECTED IP44</b>		
Switch for blinds 1pole for lock cylinder	3821 20	10



**Switch for blinds 2pole for lock cylinder**

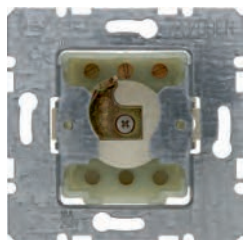
Rated voltage 250 V~  
Switching current 10 A  
Not suitable for water-protected, flush-mounted installation IP44.  
Follow the motor manufacturers' instructions.

- with push lock function
- with neutral-position
- without spreader claws
- for master-key systems
- with screw terminals

**i 910**



DESIGN	ORDER NO.	PU
Switch for blinds 2pole for lock cylinder	<b>3822 10</b>	10



**Push-button for blinds 1pole for lock cylinder**

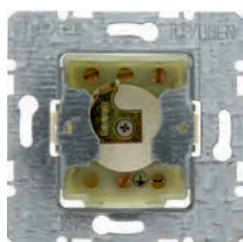
Rated voltage 250 V~  
Momentary-contact current 10 A  
Not suitable for water-protected, flush-mounted installation IP44.  
Follow the motor manufacturers' instructions.

- without spreader claws
- for master-key systems
- with screw terminals

**i 910**



DESIGN	ORDER NO.	PU
Push-button for blinds 1pole for lock cylinder	<b>3831 10</b>	10



**Push-button for blinds 1pole for lock cylinder  
- Earthing contact**



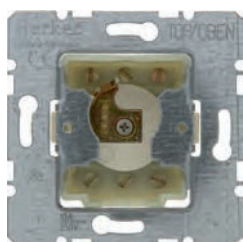
Rated voltage 250 V~  
Momentary-contact current 10 A

- 1 pole
- without spreader claws
- for master-key systems
- with screw terminals

**IP44**



DESIGN	ORDER NO.	PU
<b>FLUSH-MOUNTED SPLASH-PROTECTED IP44</b> Push-button for blinds 1pole for lock cylinder	<b>3831 20</b>	10



**Push-button for blinds 2pole for lock cylinder**

Rated voltage 250 V~  
Momentary-contact current 10 A  
Not suitable for water-protected, flush-mounted installation IP44.  
Follow the motor manufacturers' instructions.

- without spreader claws
- for master-key systems
- with screw terminals

**i 910**



DESIGN	ORDER NO.	PU
Push-button for blinds 2pole for lock cylinder	<b>3832 10</b>	10



**Centre plate for key push-button for blinds/key switch**

- with imprint
- for lock cylinder
- for master-key systems

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1506 89 82</b>	10
polar white glossy	<b>1506 89 89</b>	10
polar white matt	<b>1506 19 09</b>	10
anthracite matt	<b>1506 16 06</b>	10
aluminium matt, lacquered	<b>1506 14 04</b>	10

**Modul 2**

white glossy	# <b>1506 12</b>	10
polar white glossy	# <b>1506 19</b>	10



**Berker Q.1/Q.3**

polar white velvety	<b>1506 60 89</b>	10
anthracite velvety, lacquered	* <b>1506 60 86</b>	10



**Berker K.1/K.5**

polar white glossy	<b>1504 71 09</b>	10
anthracite matt, lacquered	<b>1504 71 06</b>	10
aluminium matt, lacquered	* <b>1504 71 03</b>	10
stainless steel matt, lacquered	<b>1504 71 04</b>	10

**Berker Arsys**

white glossy	<b>1504 00 12</b>	10
polar white glossy	<b>1504 00 79</b>	10
brown glossy	<b>1504 00 11</b>	10
light bronze matt, lacquered	<b>1504 90 21</b>	10
stainless steel matt, lacquered	<b>1504 90 14</b>	10



**Lock cylinder**

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.

With 5 tumblers to according to DIN 18252

- for switches/push-buttons for lock cylinders
- for change-over switches/push-buttons for lock cylinders

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for key push-button for blinds/key switch	1504 ..	119
Centre plate for key push-button for blinds/key switch	1506 ..	119
Centre plate for key push-button for blinds/key switch	1518 1 ..	658
Switch for blinds 1pole for lock cylinder	3821 20	117
Switch for blinds 2pole for lock cylinder	3822 10	118
Push-button for blinds 1pole for lock cylinder	3831 10	118
Push-button for blinds 1pole for lock cylinder	3831 20	118
Push-button for blinds 2pole for lock cylinder	3832 10	118

**i 910**

DESIGN	ORDER NO.	PU
<b>with differing closures</b>		
Lock cylinder	<b>1818</b>	1
<b>with same closures</b>		
Lock cylinder	<b>1818 01</b>	1

**NEW ELECTRONICS PLATFORM**

**Blind inserts**

**NEW**



**Blind insert comfort**

Operating voltage	230 V~	■ low intrinsic energy requirement
Frequency	50/60 Hz	■ with 2 mechanically and electrically mutually-locked relay contacts
Switching current (ohmic\inductive)	max. 5 A	■ with 230 V extension unit inputs for up and down
Switching current at cos φ = 0.6	max. 3 A	■ for single, group and master controls
Power consumption (standby)	< 0.1 W	■ no conductive connection between supporting ring and spreading claws
Change-over time for change of direction	< 0.6 s	■ circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
Operating temperature	-5 ... +45 °C	■ with screw terminals
Number of substations	unlimited	
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>	
Housing installation depth	22 mm	
Claw guidance installation depth	32 mm	

μ

SUITABLE FOR	ORDER NO.	PAGE
Blind button	8524 11 ..	120
Blind time switch	8574 11 ..	121



DESIGN	ORDER NO.	PU
Blind insert comfort	★ <b>8522 11 00</b>	1

**Blind buttons**

**NEW**



**Blind button**

Running time	max. 2 min	■ low intrinsic energy requirement
Venetian blind movement time	2 min	■ memory function for automatic execution of learned up and down times with position
Delay time, adjustable	0 s ... 500 s	■ party function, no execution of automatic, radio and extension unit commands (lock-out protection)
Minimum slat adjustment time	≈ 150 ms	■ LED application module/insert compatibility display
Change-over time for change of direction	< 0.6 s	■ with status LED for memory and party function, red/orange
Operating temperature	-5 ... +45 °C	■ with imprinted symbol arrows

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	120

DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy <sup>1)</sup>	★ <b>8524 11 39</b>	1
black glossy <sup>1)</sup>	★ <b>8524 11 31</b>	1



<sup>1)</sup>



**Time switches for blinds**

**NEW**



**Blind time switch**

**- Display**

Running time	2 min
Astronomic time shift	± 2 h
Random number generator	± 15 min
Power reserve	≈ 24 h
Number of operation times for up/down	20/day
Minimum slat adjustment time	≈ 150 ms
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C

Control using device buttons and programmed switching times.

- 2 independent preset programme memories, individually adaptable
- low intrinsic energy requirement
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- with automatic summer-/winter time switching (can be switched off)
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- menu guidance available in German, English or French

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	120

ORDER NO.	PU
-----------	----

DESIGN

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>* 8574 11 39</b>	1
black glossy <sup>1)</sup>	<b>* 8574 11 31</b>	1



**ROLLOTEC SYSTEM**

**RolloTec inserts**

- Light scene function (up/down) in conjunction with RolloTec radio button.

**RolloTec insert comfort**

**- Extension inputs**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	1000 W
Operating temperature	+5 ... +35 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm <sup>2</sup>

Recommendation: use deep box.  
Neutral conductor necessary!

- with 2 mechanically interlocked NO contacts
- with 230 V extension unit inputs for up, down and sensors
- for single, group and master controls
- suitable for multi-phase mode
- with screw terminals

**i 944**

(M)



DESIGN	ORDER NO.	PU
RolloTec insert comfort	<b>2975</b>	1



**RolloTec insert comfort for direct current drives**

Operating voltage	24 V=
Switching current at 24 V=	max. 3 A
Current consumption (operation)	≈ 100 mA
Current consumption (idle)	≈ 30 mA
Operating temperature	+5 ... +35 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm <sup>2</sup>

- with 2 reverse polarity change-over relays
- for 24 V reverse polarity motors with limit switches
- with 24 V reverse polarity extension unit inputs for up and down
- for single, group and master controls
- with screw terminals

**i 944**

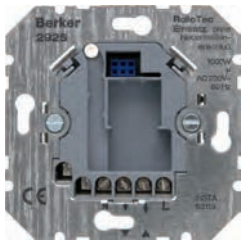
(M)

Recommendation: use deep box.  
Follow the motor manufacturers' instructions.  
External power supply 24 V= with protective separation required.

Recommendation of power supply units:  
Elka, type: SV230-24.1250 DC, item no. 140 01 915 or  
Elka, type: SV230-24.2500 DC, item no. 140 01 916  
Phoenix, type: STEP-PS-100-240AC/24DC/1.5 item no.: 2938947



DESIGN	ORDER NO.	PU
RolloTec insert comfort for direct current drives	<b>2975 01</b>	1



**RolloTec insert**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	1000 W
Operating temperature	+5 ... +35 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm <sup>2</sup>

- with 2 mechanically interlocked NO contacts
- without 230 V extension unit inputs
- for single and master controls
- with screw terminals

**i 944**

(M)

Recommendation: use deep box.  
Neutral conductor necessary!  
Not suitable for wind and precipitation sensor.



DESIGN	ORDER NO.	PU
RolloTec insert	<b>2925</b>	1

**RolloTec buttons**



**RolloTec button comfort for sensors**

Sun brightness value                      ≈ 5 ... 80 klx  
Teachable running time                    0.5 s ... 2 min

- when using a surface-mounted brightness sensor, the learned running time for sun protection movement is used
- no twilight sensor function
- activation of the anti-lockout device in the upper final position by touching in the up direction for at least 3 s
- brightnesses individually adjustable
- with lock-out protection, e.g. for blind control terrace door
- for sensor connection to socket contact or terminal block
- with indicator LED for lock-out protection

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor	169	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor surface-mounted	184	129

**i 944**

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1771 89 82</b>	1
polar white glossy	<b>1771 89 89</b>	1
polar white matt	<b>1771 19 09</b>	1
anthracite matt	<b>1771 16 06</b>	1
aluminium matt, lacquered	<b>1771 14 04</b>	1
<b>Modul 2</b>		
white glossy	# <b>1771 12</b>	1
polar white glossy	# <b>1771 49</b>	1
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1771 60 89</b>	1
anthracite velvety, lacquered	* <b>1771 60 86</b>	1
<b>Berker K.1/K.5</b>		
polar white glossy	<b>1771 70 09</b>	1
anthracite matt, lacquered	<b>1771 70 06</b>	1
Aluminium, aluminium anodised	* <b>1771 70 03</b>	1
Stainless steel, metal matt finish	<b>1771 70 04</b>	1
<b>Berker Arslys</b>		
white glossy	<b>1771 00 12</b>	1
polar white glossy	<b>1771 00 79</b>	1
brown glossy	<b>1771 00 11</b>	1
light bronze matt, aluminium lacquered	<b>1771 90 21</b>	1
Stainless steel, metal matt finish	<b>1771 90 14</b>	1
gold matt, aluminium anodised	<b>1771 90 12</b>	1





**RolloTec button comfort**

Teachable running time

0.5 s ... 2 min

- activation of the anti-lockout device in the upper final position by touching in the up direction for at least 3 s
- with lock-out protection, e.g. for blind control terrace door
- with indicator LED for lock-out protection

**SUITABLE FOR**  
RolloTec inserts

**ORDER NO.**      **PAGE**  
page 121

**i 944**

DESIGN      ORDER NO.      PU

**Berker S.1/B.3/B.7**

white glossy	<b>1770 89 82</b>	1
polar white glossy	<b>1770 89 89</b>	1
polar white matt	<b>1770 19 09</b>	1
anthracite matt	<b>1770 16 06</b>	1
aluminium matt, lacquered	<b>1770 14 04</b>	1

**Modul 2**

white glossy	<b># 1770 12</b>	1
polar white glossy	<b># 1770 49</b>	1

**Berker Q.1/Q.3**

polar white velvety	<b>1770 60 89</b>	1
anthracite velvety, lacquered	<b>* 1770 60 86</b>	1

**Berker K.1/K.5**

polar white glossy	<b>1770 70 09</b>	1
anthracite matt, lacquered	<b>1770 70 06</b>	1
Aluminium, aluminium anodised	<b>* 1770 70 03</b>	1
Stainless steel, metal matt finish	<b>1770 70 04</b>	1

**Berker Arsys**

white glossy	<b>1770 00 12</b>	1
polar white glossy	<b>1770 00 79</b>	1
brown glossy	<b>1770 00 11</b>	1
light bronze matt, aluminium lacquered	<b>1770 90 21</b>	1
Stainless steel, metal matt finish	<b>1770 90 14</b>	1
gold matt, aluminium anodised	<b>1770 90 12</b>	1



**RolloTec memory button for sensors**

Storage of the raising/lowering movement time on button-press

> 3.5 s

- no twilight sensor function
- for sensor connection to socket contact or terminal block

Sun brightness value

≈ 20 klx

Stored "up" and/or "down" time is run daily in automatic operation.

For manual and time-programmed running of awnings, shutters and blinds.

**SUITABLE FOR**

RolloTec inserts

**ORDER NO.**      **PAGE**  
page 121

**optional**

RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor	169	128

**i 944**

DESIGN      ORDER NO.      PU

**Berker S.1/B.3/B.7**

white glossy	<b>1757 89 82</b>	1
polar white glossy	<b>1757 89 89</b>	1
polar white matt	<b>1757 19 09</b>	1
anthracite matt	<b>1757 16 06</b>	1
aluminium matt, lacquered	<b>1757 14 04</b>	1





**Modul 2**

white glossy	# 1757 12	1
polar white glossy	# 1757 49	1



**Berker Q.1/Q.3**

polar white velvety	1757 60 89	1
anthracite velvety, lacquered	* 1757 60 86	1



**Berker K.1/K.5**

polar white glossy	1757 70 09	1
anthracite matt, lacquered	1757 70 06	1
Aluminium, aluminium anodised	* 1757 70 03	1
Stainless steel, metal matt finish	1757 70 04	1



**Berker Arsys**

white glossy	1757 00 12	1
polar white glossy	1757 00 79	1
brown glossy	1757 00 11	1
light bronze matt, aluminium lacquered	1757 90 21	1
Stainless steel, metal matt finish	1757 90 14	1
gold matt, aluminium anodised	1757 90 12	1



**RolloTec memory button**

Storage of the raising/lowering movement time on button-press > 3,5 s

**SUITABLE FOR**  
RolloTec inserts

**ORDER NO. PAGE**  
page 121

Stored "up" and/or "down" time is run daily in automatic operation.

**i 944**

For manual and time-programmed running of awnings, shutters and blinds.

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	1756 89 82	1
polar white glossy	1756 89 89	1
polar white matt	1756 19 09	1
anthracite matt	1756 16 06	1
aluminium matt, lacquered	1756 14 04	1



**Modul 2**

white glossy	# 1756 12	1
polar white glossy	# 1756 49	1



**Berker Q.1/Q.3**

polar white velvety	1756 60 89	1
anthracite velvety, lacquered	* 1756 60 86	1



**Berker K.1/K.5**

polar white glossy	1756 70 09	1
anthracite matt, lacquered	1756 70 06	1
Aluminium, aluminium anodised	* 1756 70 03	1
Stainless steel, metal matt finish	1756 70 04	1



**Berker Arsys**

white glossy	1756 00 12	1
polar white glossy	1756 00 79	1
brown glossy	1756 00 11	1
light bronze matt, aluminium lacquered	1756 90 21	1
Stainless steel, metal matt finish	1756 90 14	1
gold matt, aluminium anodised	1756 90 12	1

**RolloTec time switches**

- For manual and timer programmed running of awnings, shutters and blinds.
- With slide switch for manual/automatic



**RolloTec comfort time switch for sensors**

**- Display**

Random number generator	± 15 min
Number of operation times for up/down	18
Astronomic time shift	± 2 h
Teachable running time	1 s ... 6 min
Learnable down time	1 s ... 6 min
Lamella adjusting time	0 ... 5 s
Twilight setting range	≈ 6 ... 300 lx
Sun setting range	≈ 1 ... 76 klx
Power reserve (maintenance-free)	≈ 3 h
Operating temperature	+0 ... +45 °C

- after charging, the timer can also be programmed when removed.
- coincidence and astro function can be combined
- brightness values sun and twilight individually settable
- indication of the next operation schedule under consideration of astro and coincidence function
- large-area display with symbols
- for the sensor connection on the clamping block in the insert
- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lock out protection because evaluation of the centre or extension unit commands can be switched off
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved
- with German display text

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec brightness sensor	169	128
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129
Magnetic contact	9251 0 ..	130

**i 948**

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1775 89 82</b>	1
polar white glossy	<b>1775 89 89</b>	1
polar white matt	<b>1775 19 09</b>	1
anthracite matt	<b>1775 16 06</b>	1
aluminium matt, lacquered	<b>1775 14 04</b>	1
<b>Modul 2</b>		
white glossy	# <b>1775 02</b>	1
polar white glossy	# <b>1775 09</b>	1
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1775 60 89</b>	1
anthracite velvety, lacquered	* <b>1775 60 86</b>	1
<b>Berker K.1/K.5</b>		
polar white glossy	<b>1775 70 09</b>	1
anthracite matt, lacquered	<b>1775 70 06</b>	1
aluminium matt, lacquered	* <b>1775 70 03</b>	1
stainless steel matt, lacquered	<b>1775 70 04</b>	1





DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
white glossy	<b>1775 00 02</b>	1
polar white glossy	<b>1775 00 69</b>	1
brown glossy	<b>1775 00 01</b>	1
light bronze matt, lacquered	<b>1775 90 11</b>	1
stainless steel matt, lacquered	<b>1775 90 04</b>	1



**RolloTec comfort time switch**

**- Display**



Random number generator	± 15 min
Number of operation times for up/down	18
Astronomic time shift	± 2 h
Teachable running time	2 min ... 6 min
Learnable down time	1 s ... 6 min
Lamella adjusting time	0 ... 5 s
Power reserve (maintenance-free)	≈ 4 h
Operating temperature	+0 ... +45 °C

- after charging, the timer can also be programmed when removed.
- coincidence and astro function can be combined
- indication of the next operation schedule under consideration of astro and coincidence function
- large-area display with symbols
- lock out protection because evaluation of the centre or extension unit commands can be switched off
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved
- with German display text

**SUITABLE FOR**  
RolloTec inserts

**ORDER NO.**    **PAGE**  
page 121

**i 948**

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1774 89 82</b>	1
polar white glossy	<b>1774 89 89</b>	1
polar white matt	<b>1774 19 09</b>	1
anthracite matt	<b>1774 16 06</b>	1
aluminium matt, lacquered	<b>1774 14 04</b>	1

**Modul 2**

white glossy	<b># 1774 02</b>	1
polar white glossy	<b># 1774 09</b>	1



**Berker Q.1/Q.3**

polar white velvety	<b>1774 60 89</b>	1
anthracite velvety, lacquered	<b>* 1774 60 86</b>	1



**Berker K.1/K.5**

polar white glossy	<b>1774 70 09</b>	1
anthracite matt, lacquered	<b>1774 70 06</b>	1
aluminium matt, lacquered	<b>* 1774 70 03</b>	1
stainless steel matt, lacquered	<b>1774 70 04</b>	1

**Berker Arsys**

white glossy	<b>1774 00 02</b>	1
polar white glossy	<b>1774 00 69</b>	1
brown glossy	<b>1774 00 01</b>	1
light bronze matt, lacquered	<b>1774 90 11</b>	1
stainless steel matt, lacquered	<b>1774 90 04</b>	1





**RolloTec easy time switch**

**- Display**



Number of operation times for up/down 2  
Power reserve (maintenance-free) ≈ 6 h

No extension units and sensor signals or central commands will be processed.

- after charging, the timer can also be programmed when removed.
- with imprint
- large-area display
- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

**SUITABLE FOR**  
RolloTec inserts

**ORDER NO.**      **PAGE**  
page 121

**i 944**

DESIGN      ORDER NO.      PU

**Berker S.1/B.3/B.7**

white glossy	<b>1762 89 82</b>	1
polar white glossy	<b>1762 89 89</b>	1
polar white matt	<b>1762 19 09</b>	1
anthracite matt	<b>1762 16 06</b>	1
aluminium matt, lacquered	<b>1762 14 04</b>	1

**Modul 2**

white glossy	<b># 1762 02</b>	1
polar white glossy	<b># 1762 09</b>	1

**Berker Q.1/Q.3**

polar white velvety	<b>1762 60 89</b>	1
anthracite velvety, lacquered	<b>* 1762 60 86</b>	1

**Berker K.1/K.5**

polar white glossy	<b>1762 71 09</b>	1
anthracite matt, lacquered	<b>1762 71 06</b>	1
aluminium matt, lacquered	<b>* 1762 71 03</b>	1
stainless steel matt, lacquered	<b>1762 71 04</b>	1

**Berker Arsys**

white glossy	<b>1762 00 02</b>	1
polar white glossy	<b>1762 00 69</b>	1
brown glossy	<b>1762 00 01</b>	1
light bronze matt, lacquered	<b>1762 90 11</b>	1
stainless steel matt, lacquered	<b>1762 90 04</b>	1



**RolloTec sensors**



**RolloTec brightness sensor**

Rated current (in daylight) ≈ 2 mA  
 Rated current (in darkness) ≈ 0.5 mA  
 Internal resistance ≈ 12 kΩ  
 Operating temperature -30 ... +70 °C  
 Line length 2 m  
 Cable length extendable to max. 20 m  
 Dimensions, sensor (Ø x H) 45 x 25 mm

- pre-assembled, with cable and plug
- for suction cover to window pane
- with photodiode

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Timer comfort for sensors	1738 ..	40
RolloTec comfort time switch for sensors	1775 ..	127
RolloTec button comfort for sensors	1771 ..	123
RolloTec memory button for sensors	1757 ..	125

**i 946**

**IP54**

Before mounting, clean window pane with spirit and sensor with washing up liquid, then dip sensor in clear water and stick onto window pane.

Only suitable for covers with sensor connection.



DESIGN	ORDER NO.	PU
polar white	<b>169</b>	1





**RolloTec brightness sensor surface-mounted**

Rated current (in daylight)	≈ 2 mA
Rated current (in darkness)	≈ 0.5 mA
Internal resistance	≈ 12 kΩ
Operating temperature	-30 ... +70 °C
Line length	max. 20 m
Dimensions, sensor (W x H x D)	27 x 84.5 x 30 mm

- with mounting bracket
- with photodiode
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Timer comfort for sensors	1738 ..	40
RolloTec memory button for sensors	1757 ..	125
RolloTec comfort time switch for sensors	1775 ..	127
RolloTec button comfort for sensors	1771 ..	123

Only suitable for covers with sensor connection.

IP54

**i 946**



DESIGN	ORDER NO.	PU
polar white	<b>184</b>	1



**RolloTec glass breakage sensor**

Operating temperature	-30 ... +70 °C
Line length	2 m
Cable length extendable to	max. 20 m
Dimensions sensor (L x W x H)	37 x 19 x 12 mm

- pre-assembled, with cable and plug

SUITABLE FOR	ORDER NO.	PAGE
RolloTec memory button for sensors	1757 ..	125
RolloTec button comfort for sensors	1771 ..	123
RolloTec comfort time switch for sensors	1775 ..	127

In case of glass breakage the roller shutter is moved down and the extension unit inputs are locked.

**i 946**

IP67



DESIGN	ORDER NO.	PU
polar white	<b>170</b>	1



**RolloTec precipitation sensor**

Operating voltage	230 V~
Frequency	50/60 Hz
Switch-on current at 250 V (ohmic)	max. 15 A
Switching current at 30 V= (ohmic)	max. 3 A
Switching current at 250 V~ (ohmic)	max. 6 A
Power consumption incl. additional heating	max. 4.5 W
Operating temperature	-30 ... +70 °C
Pre-assembled cables	≈ 2.9 m
Dimensions, mounting bracket (W x H x D)	130 x 90 x 90 mm
Dimensions sensor (L x W x H)	82 x 60 x 57.5 mm
Mast Ø	max. 62 mm

- heated
- pre-assembled, with cables
- with stainless steel mounting bracket approx. 70°
- with pipe clamp for mast fixing
- with potential-free change-over contact

SUITABLE FOR	ORDER NO.	PAGE
RolloTec insert comfort	2975	121

μ IP65

**i 947**

Neutral conductor necessary!  
When it begins to rain, snow etc. the contact is closed. To protect against mildew on awnings, roller shutters etc.



DESIGN	ORDER NO.	PU
grey	<b>183 01</b>	1



**RolloTec adapter for sensors**

Line length 5 m  
Only suitable for covers with sensor connection.

- pre-assembled, with cable, plug and 2 sockets
- for the connection of RolloTec brightness and glass-break sensor to an cover
- for brightness sensor and glass breakage sensor

SUITABLE FOR	ORDER NO.	PAGE
Timer comfort for sensors	1738 ..	40
RolloTec comfort time switch for sensors	1775 ..	127
RolloTec memory button for sensors	1757 ..	125
RolloTec button comfort for sensors	1771 ..	123

**i 947**

DESIGN	ORDER NO.	PU
polar white	<b>171</b>	1



**RolloTec wind sensor**

Measuring range, wind strengths 3 ... 10 Bft  
Measuring range, wind speed 0.5 ... 40 m/s  
Pre-assembled cable ≈ 3 m

- reed contact (frequency measurement)
- confectioned with wire LIYY 2 x 0.5 mm<sup>2</sup> and conductor sleeves
- with fitting material

SUITABLE FOR	ORDER NO.	PAGE
RolloTec interface surface-mounted for wind sensor	173	130
Mast adapter for surface-mounted sensors	7590 00 46	868

**i 947**



DESIGN	ORDER NO.	PU
white	<b>172 01</b>	1



**RolloTec interface surface-mounted for wind sensor**

Operating voltage 230 V~  
Frequency 50/60 Hz  
Switching current 2 A  
Wind strengths, settable 3 ... 10 Bft  
Dimensions (W x H x D) 110 x 94 x 38 mm

- 2 NO contacts, common input terminal
- with test mode
- with potential-free contact
- with fitting material
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
RolloTec wind sensor	172 01	130
RolloTec insert comfort	2975	121

**i 947**

**IP55**

Also suitable for company Thies heated wind speed sensor art. no. 4.3515.50.000.  
Neutral conductor necessary!  
When the wind speed is reached, the contact is closed.  
To protect against excessive wind, e. g. for shutters, sun blinds, etc.

DESIGN	ORDER NO.	PU
polar white	<b>173</b>	1

**SUPPLEMENTARY PRODUCTS**



**Magnetic contact**

Switching voltage max. 40 V=  
Switching current 500 mA  
Breaking capacity max. 10 W  
Line length 3 m  
Dimensions sensor (L x W x H) 44 x 15 x 15 mm

- in the isolated state the contact is open
- pre-assembled, with cable
- built-on/built-in

SUITABLE FOR	ORDER NO.	PAGE
RolloTec radio button for sensors	1759 ..	743
KNX alarm central unit	7573 00 10	895
Alarm central unit	9020	898
RolloTec memory button for sensors	1757 ..	125
RolloTec button comfort for sensors	1771 ..	123
RolloTec comfort time switch for sensors	1775 ..	127

**i 947**

RolloTec function:  
When window is open, blind moves to the lower end position for example.

Suitable for RolloTec covers with sensor connection.  
To monitor window and door opening.

**IP67**



DESIGN	ORDER NO.	PU
polar white glossy	<b>9251 02</b>	1
brown glossy	<b>9251 01</b>	1

**Cutoff relay**



**RolloTec cutoff relay surface-mounted/flush-mounted**

**- Extension outputs**



Operating voltage	230 V~
Frequency	50 Hz
Switching current at $\cos \phi = 0.6$	max. 4 A
Current consumption (operation)	$\approx 10$ mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Ambient temperature	+0 ... +60 °C
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>
Dimensions (W x H x D)	53 x 50 x 25 mm

Neutral conductor necessary!

- to operate 2 shutter/blind control motors
- with master input e.g. for RolloTec timer
- required for electric motor decoupling
- with separate mains power supply
- with 2 extension unit outgoing feeders for single operation
- with screw terminals

**i 943**



DESIGN	ORDER NO.	PU
grey	<b>2969</b>	1



**RolloTec cutoff relay surface-mounted/flush-mounted**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current at $\cos \phi = 0.6$	max. 3 A
Switching current at $\cos \phi = 1$	max. 8 A
Current consumption (operation)	$\approx 10$ mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Ambient temperature	+0 ... +60 °C
Dimensions (W x H x D)	50 x 52 x 22 mm

Neutral conductor necessary!

- to operate 2 shutter/blind control motors
- installation in flush-mounted or splash-protected junction box
- with master input e.g. for RolloTec timer
- with separate mains power supply
- with screw terminals

**i 943**



DESIGN	ORDER NO.	PU
RolloTec cutoff relay surface-mounted/flush-mounted	<b>2930</b>	1



**RolloTec cutoff relay RMD**

**- Extension outputs**



Operating voltage	230 V~
Frequency	50 Hz
Switching current at $\cos \phi = 0.6$	max. 4 A
Current consumption (operation)	$\approx 10$ mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>
Assembling height as from DIN rail	39 mm
Width of rail mounted device (RMD)	2.5 TE
Dimensions (W x H x D)	45 x 71 x 42 mm

Neutral conductor necessary!

- to operate 2 shutter/blind control motors
- with master input e.g. for RolloTec timer
- required for electric motor decoupling
- with separate mains power supply
- with 2 extension unit outgoing feeders for single operation
- with screw terminals

**i 943**



DESIGN	ORDER NO.	PU
RolloTec cutoff relay RMD	<b>2919</b>	1



**RolloTec cutoff relay RMD**

Operating voltage	230 V~	■ to operate 2 shutter/blind control motors
Frequency	50/60 Hz	■ with master input e.g. for RolloTec timer
Switching current at $\cos \phi = 0.6$	max. 3 A	■ with separate mains power supply
Switching current at $\cos \phi = 1$	max. 8 A	■ with screw terminals
Current consumption (operation)	$\approx 10$ mA	
Activation change-over time up/down	min. 0.5 s	
Switch-on time (ED)	100 %	
Assembling height as from DIN rail	38 mm	
Width of rail mounted device (RMD)	2.5 TE	
Dimensions (W x H x D)	45 x 71 x 42 mm	

**i 943**

Neutral conductor necessary!



DESIGN	ORDER NO.	PU
RolloTec cutoff relay RMD	<b>2931</b>	1



HVAC CONTROL



**B.**  
Berker

THERMOSTAT	136-143
SENSORS	143
VALVE DRIVES	144
HEATING EMERGENCY SWITCHES	145-148
3-STEP SWITCHES	148-149
SPEED CONTROLLERS	149-150
BLC - BERKER LIGHT CONTROL	151-152
SUPPLEMENTARY PRODUCTS	152

People need warmth – but when? Where exactly? And how much? Our room thermostats give each of your rooms the right temperature and turn it down automatically when the room is unused.

- These days, heating, cooling and air-conditioning are inseparable from the concept of saving energy. This means that it is even more important to be able to control room temperatures individually.
- Reduction of the room temperature by 1 °C produces energy savings of approx 6 %. That's a good reason to control the temperature of less-used rooms like bathrooms or bedrooms according to need.
- Our conventional thermostats allow you to control all the standard heating types (hot water, electrical etc.).
- In addition, the electronic devices work controlled by time, meaning that rooms can be run using specific temperature profiles – as individually as is required.
- Valve drives for heating valve bases mean that radiators and underfloor heating can be included in the control system quickly and perfectly.

**THERMOSTAT**

**Thermostat inserts**



**Thermostat, NO contact, with centre plate**

**- Time-controlled**



Rated voltage	230 V~
Frequency	50 Hz
Switching current	10 mA ... 10 (4) A
Switching current at cos φ = 0.6	max. 4 A
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10
Insertion depth	25 mm
Floor temperature setting range	10 ... 40 °C
Room temperature setting range	5 ... 30 °C
Switching temperature difference	≈ 0.5 K

Neutral conductor necessary!

- with imprint
- operating hours counter or energy consumption display adjustable
- with access protection
- with valve protection function
- with frost protection function
- timer for changing the temperature by the hour
- operating languages are adjustable: German, English, Dutch or French
- temperature control range adjustable
- type of actuator (currentless closed/open) adjustable
- for floor heating, control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve
- large, backlight display with text display
- with integrated temperature sensor
- with switchover manual/automatic mode
- PWM cycle time and hysteresis (for two-point control) settable
- control process PWM or 2-point (on/off) can be selected
- 3 blocks of days: Mon-Fri, Sat-Sun, Mon-Sun
- 3 preset time programmes, individually adjustable
- max. 9 switching times per weekday
- programmable with operating unit removed
- with automatic summer-/winter time switching (can be switched off)
- holiday programme with date activation
- without spreader claws
- with additional connection for external floor temperature sensor/remote sensor
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	144
<b>optional</b>		
Temperature sensor	161	152

**i 942**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>2044 89 82</b>	1
polar white glossy	<b>2044 89 89</b>	1
polar white matt	<b>2044 19 09</b>	1
anthracite matt	<b>2044 16 06</b>	1
aluminium matt, lacquered	<b>2044 14 04</b>	1

**Modul 2**

white glossy	# <b>2044 02</b>	1
polar white glossy	# <b>2044 09</b>	1

**Berker Q.1/Q.3**

polar white velvety	<b>2044 60 89</b>	1
anthracite velvety, lacquered	* <b>2044 60 86</b>	1

**Berker K.1/K.5**

polar white glossy	<b>2044 71 09</b>	1
anthracite matt	<b>2044 71 06</b>	1
aluminium matt, lacquered	* <b>2044 71 03</b>	1
stainless steel, lacquered	<b>2044 71 04</b>	1







DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
white glossy	<b>2044 00 02</b>	1
polar white glossy	<b>2044 00 69</b>	1
brown glossy	<b>2044 00 01</b>	1
light bronze, lacquered	<b>2044 90 11</b>	1
stainless steel matt, lacquered	<b>2044 90 04</b>	1



**Thermostat, NO contact, with centre plate**

**- Time-controlled**



Rated voltage	230 V~
Frequency	50 Hz
Switching current	8 A
Hysteresis, settable	0.1 ... 1 K
Room temperature setting range	5 ... 30 °C
Neutral conductor necessary!	

- with imprint
- with keylock
- with frost protection function
- operating languages adjustable: German, English, Dutch, Italian or French
- 4 temperature modes selectable
- temperature value can be calibrated
- temperature control range adjustable
- for heating or cooling mode
- large, backlight display with text display
- with integrated temperature sensor
- with switchover manual/automatic mode
- hysteresis, settable
- 3 preset time programmes, individually adjustable
- simple programming of switching times through integrated copy function
- programme memory network failure proved
- without spreader claws
- with screw terminals

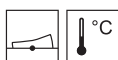
SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	144

DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy	<b>* 2045 20 89</b>	1
black glossy	<b>* 2045 20 45</b>	1



**Thermostat, NO contact, with centre plate, for underfloor heating**

- Rocker switch**
- External temperature sensor**



Rated voltage	250 V~
Frequency	50/60 Hz
Switching current	10 A
Sensor cable length	4 m
Floor temperature setting range	10 ... 50 °C
Room temperature setting range	5 ... 30 °C
Switching temperature difference	≈ 1 K
Night lowering	≈ 5 K

- with imprint
- with on/off switch and 2 LEDs
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with LED for heating and LED for night lowering
- without spreader claws
- with separate connection for night lowering
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat for under-floor heating	1672 ..	141
Valve drive 230 V	7590 00 76	144
<b>replacement</b>		
Temperature sensor	161	152

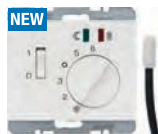
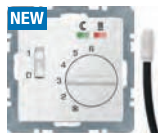
If the preset temperature is reached, the contact closes.  
Neutral conductor necessary!

**i 941**

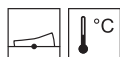
DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>2034 89 82</b>	1
polar white glossy	<b>2034 89 89</b>	1
polar white matt	<b>2034 19 09</b>	1
anthracite matt	<b>2034 16 06</b>	1
aluminium matt, lacquered	<b>2034 14 04</b>	1
<b>Modul 2</b>		
white glossy	<b># 2034 02</b>	1
polar white glossy	<b># 2034 09</b>	1



DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>2034 60 89</b>	1
anthracite velvety, lacquered	★ <b>2034 60 86</b>	1
<b>Berker K.1/K.5</b>		
polar white glossy	<b>2034 71 09</b>	1
anthracite matt, lacquered	<b>2034 71 06</b>	1
aluminium matt, lacquered	★ <b>2034 71 03</b>	1
stainless steel matt, lacquered	<b>2034 71 04</b>	1
<b>Berker Arsys</b>		
white glossy	<b>2034 00 02</b>	1
polar white glossy	<b>2034 00 69</b>	1
brown glossy	<b>2034 00 01</b>	1
light bronze matt, lacquered	<b>2034 90 11</b>	1
stainless steel matt, lacquered	<b>2034 90 04</b>	1



DESIGN	ORDER NO.	PU												
<b>Thermostat, NO contact, with centre plate, for underfloor heating</b>														
<ul style="list-style-type: none"> <li>- <b>Rocker switch</b></li> <li>- <b>External temperature sensor</b></li> </ul>														
<ul style="list-style-type: none"> <li>■ with imprint</li> <li>■ with on/off switch and 2 LEDs</li> <li>■ e.g. for valve drives closed in de-energised state</li> <li>■ setting knob with temperature range limitation</li> <li>■ with LED for heating and LED for night lowering</li> <li>■ without spreader claws</li> <li>■ with separate connection for night lowering</li> <li>■ with screw terminals</li> </ul>														
Rated voltage	230 V~													
Frequency	50 Hz													
Switching current	16 (2) A													
Sensor cable length	4 m													
Floor temperature setting range	10 ... 50 °C													
Room temperature setting range	5 ... 30 °C													
Switching temperature difference	≈ 1 K													
Night lowering	≈ 5 K													
<p>If the preset temperature is reached, the contact closes. Neutral conductor necessary!</p>														
<table border="1"> <thead> <tr> <th>SUITABLE FOR</th> <th>ORDER NO.</th> <th>PAGE</th> </tr> </thead> <tbody> <tr> <td>Valve drive 230 V</td> <td>7590 00 76</td> <td>144</td> </tr> <tr> <td>replacement</td> <td></td> <td></td> </tr> <tr> <td>Temperature sensor</td> <td>161</td> <td>152</td> </tr> </tbody> </table>			SUITABLE FOR	ORDER NO.	PAGE	Valve drive 230 V	7590 00 76	144	replacement			Temperature sensor	161	152
SUITABLE FOR	ORDER NO.	PAGE												
Valve drive 230 V	7590 00 76	144												
replacement														
Temperature sensor	161	152												



DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy	★ <b>2034 20 89</b>	1
black glossy	★ <b>2034 20 45</b>	1



DESIGN	ORDER NO.	PU									
<b>Temperature controller, change-over contact, with centre plate</b>											
Rated voltage	250 V~										
Frequency	50/60 Hz										
“Heating” switching current	10 A										
Switching current “Heating” at cos φ = 0.6	4 A										
Switching current “Cooling”	5 A										
Switching current “Cooling” at cos φ = 0.6	2 A										
Switching temperature difference	≈ 0.5 K										
Temperature	5 ... 30 °C										
<p>If the preset temperature is reached the contact changes. Neutral conductor necessary!</p>											
<table border="1"> <thead> <tr> <th>SUITABLE FOR</th> <th>ORDER NO.</th> <th>PAGE</th> </tr> </thead> <tbody> <tr> <td>Centre plate for thermostat</td> <td>1670 ..</td> <td>142</td> </tr> <tr> <td>Valve drive 230 V</td> <td>7590 00 76</td> <td>144</td> </tr> </tbody> </table>			SUITABLE FOR	ORDER NO.	PAGE	Centre plate for thermostat	1670 ..	142	Valve drive 230 V	7590 00 76	144
SUITABLE FOR	ORDER NO.	PAGE									
Centre plate for thermostat	1670 ..	142									
Valve drive 230 V	7590 00 76	144									



**i 941**

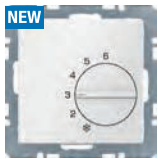
DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>2026 89 82</b>	1
polar white glossy	<b>2026 89 89</b>	1
polar white matt	<b>2026 19 09</b>	1
anthracite matt	<b>2026 16 06</b>	1
aluminium matt, lacquered	<b>2026 14 04</b>	1





**Modul 2**

white glossy	# 2026 12	1
polar white glossy	# 2026 09	1



**Berker Q.1/Q.3**

polar white velvety	2026 60 89	1
anthracite velvety, lacquered	* 2026 60 86	1



**Berker K.1/K.5**

polar white glossy	2026 71 09	1
anthracite matt, lacquered	2026 71 06	1
aluminium matt, lacquered	* 2026 71 03	1
stainless steel matt, lacquered	2026 71 04	1



**Berker Arsys**

white glossy	2026 00 02	1
polar white glossy	2026 00 69	1
brown glossy	2026 00 01	1
light bronze matt, lacquered	2026 90 11	1
stainless steel matt, lacquered	2026 90 04	1



**Temperature controller, change-over contact, with centre plate**

Rated voltage	250 V~	■ with imprint
Frequency	50/60 Hz	■ e.g. for valve drives closed in de-energised state
"Heating" switching current	10 A	■ for heating or cooling mode
Switching current "Heating" at cos φ = 0.6	4 A	■ setting knob with temperature range limitation
Switching current "Cooling"	5 A	■ with thermal return
Switching current "Cooling" at cos φ = 0.6	2 A	■ without spreader claws
Switching temperature difference	≈ 0.5 K	■ with screw terminals
Temperature	5 ... 30 °C	

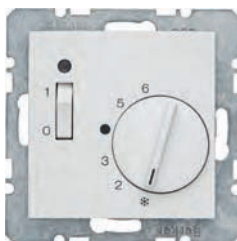
SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	144

If the preset temperature is reached the contact changes.  
Neutral conductor necessary!

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker R.1/R.3**

polar white glossy	* 2026 20 89	1
black glossy	* 2026 20 45	1



**Temperature controller, NC contact, with centre plate**

**- Rocker switch**

Rated voltage	250 V~	■ with imprint
Frequency	50/60 Hz	■ with on/off switch and indicator LED for "on"
Switching current	10 A	■ e.g. for valve drives closed in de-energised state
Switching temperature difference	≈ 0.5 K	■ setting knob with temperature range limitation
Night lowering	≈ 4 K	■ with thermal return
Temperature	5 ... 30 °C	■ without spreader claws
		■ with separate connection for night lowering
		■ with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 ..	143
Valve drive 230 V	7590 00 76	144

If the preset temperature is reached, the contact opens.  
Neutral conductor necessary!



DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	2030 89 82	1
polar white glossy	2030 89 89	1
polar white matt	2030 19 09	1
anthracite matt	2030 16 06	1
aluminium matt, lacquered	2030 14 04	1





**Modul 2**

white glossy	# 2030 02	1
polar white glossy	# 2030 09	1



**Berker Q.1/Q.3**

polar white velvety	2030 60 89	1
anthracite velvety, lacquered	* 2030 60 86	1



**Berker K.1/K.5**

polar white glossy	2030 71 09	1
anthracite matt, lacquered	2030 71 06	1
aluminium matt, lacquered	* 2030 71 03	1
stainless steel matt, lacquered	2030 71 04	1



**Berker Arsys**

white glossy	2030 00 02	1
polar white glossy	2030 00 69	1
brown glossy	2030 00 01	1
light bronze matt, lacquered	2030 90 11	1
stainless steel matt, lacquered	2030 90 04	1



**Temperature controller, NC contact, with centre plate**

**- Rocker switch**



Rated voltage	250 V~
Frequency	50 Hz
Switching current	10 A
Switching temperature difference	≈ 0.5 K
Night lowering	≈ 4 K
Temperature	5 ... 30 °C

- with imprint
- with on/off switch and indicator LED for "on"
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with thermal return
- without spreader claws
- with separate connection for night lowering
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	144

If the preset temperature is reached, the contact opens.  
Neutral conductor necessary!

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker R.1/R.3**

polar white glossy	* 2030 20 89	1
black glossy	* 2030 20 45	1





**Temperature controller, NC contact, with centre plate, 24 V AC/DC**

**- Rocker switch**



Rated voltage	24 V~/24 V=
Frequency	50/60 Hz
Switching current	10 A~/4 A=
Switching temperature difference	≈ 0.5 K
Night lowering	≈ 4 K
Temperature	5 ... 30 °C

If the preset temperature is reached, the contact opens.

- with imprint
- with on/off switch and indicator LED for "on"
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with thermal return
- without spreader claws
- with separate connection for night lowering
- with plug-in terminals

**SUITABLE FOR**

Centre plate for thermostat  
Valve drive 24 V AC/DC

**ORDER NO.**

1671 ..  
7590 00 77

**PAGE**

143  
144

**i 941**

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	<b>2031 89 82</b>	1
polar white glossy	<b>2031 89 89</b>	1
polar white matt	<b>2031 19 09</b>	1
anthracite matt	<b>2031 16 06</b>	1
aluminium matt, lacquered	<b>2031 14 04</b>	1

**Modul 2**

white glossy	# <b>2031 02</b>	1
polar white glossy	# <b>2031 09</b>	1

**Berker Q.1/Q.3**

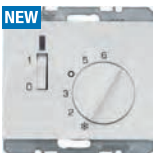
polar white velvety	<b>2031 60 89</b>	1
anthracite velvety, lacquered	* <b>2031 60 86</b>	1

**Berker K.1/K.5**

polar white glossy	<b>2031 71 09</b>	1
anthracite matt, lacquered	<b>2031 71 06</b>	1
aluminium matt, lacquered	* <b>2031 71 03</b>	1
stainless steel matt, lacquered	<b>2031 71 04</b>	1

**Berker Arsys**

white glossy	<b>2031 00 02</b>	1
polar white glossy	<b>2031 00 69</b>	1
brown glossy	<b>2031 00 01</b>	1
light bronze matt, lacquered	<b>2031 90 11</b>	1
stainless steel matt, lacquered	<b>2031 90 04</b>	1



**Thermostat covers**



**Centre plate for thermostat for underfloor heating**

- Rocker**  
**- Setting knob**



- with imprint
- setting knob with temperature range limitation

**SUITABLE FOR**

Thermostat, NO contact, with centre plate, for underfloor heating

**ORDER NO.**

2034 ..

**PAGE**

137

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	<b>1672 89 82</b>	1
polar white glossy	<b>1672 89 89</b>	1
polar white matt	<b>1672 19 09</b>	1
anthracite matt	<b>1672 16 06</b>	1
aluminium matt, lacquered	<b>1672 14 04</b>	1



**Modul 2**

white glossy	# 1672 02	1
polar white glossy	# 1672 09	1



**Berker Q.1/Q.3**

polar white velvety	1672 60 89	1
anthracite velvety, lacquered	* 1672 60 86	1



**Berker K.1/K.5**

polar white glossy	1672 71 09	1
anthracite matt, lacquered	1672 71 06	1
aluminium matt, lacquered	* 1672 71 03	1
stainless steel matt, lacquered	1672 71 04	1



**Berker Arsys**

white glossy	1672 00 02	1
polar white glossy	1672 00 69	1
brown glossy	1672 00 01	1
light bronze matt, lacquered	1672 90 11	1
stainless steel matt, lacquered	1672 90 04	1

**Centre plate for thermostat**

**- Setting knob**



- with imprint
- setting knob with temperature range limitation

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, change-over contact, with centre plate	2026 ..	138

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7**

white glossy	1670 89 82	1
polar white glossy	1670 89 89	1
polar white matt	1670 19 09	1
anthracite matt	1670 16 06	1
aluminium matt, lacquered	1670 14 04	1

**Modul 2**

white glossy	# 1670 02	1
polar white glossy	# 1670 09	1

**Berker Q.1/Q.3**

polar white velvety	1670 60 89	1
anthracite velvety, lacquered	* 1670 60 86	1

**Berker K.1/K.5**

polar white glossy	1670 71 09	1
anthracite matt, lacquered	1670 71 06	1
aluminium matt, lacquered	* 1670 71 03	1
stainless steel matt, lacquered	1670 71 04	1

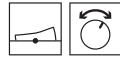
**Berker Arsys**

white glossy	1670 00 02	1
polar white glossy	1670 00 69	1
brown glossy	1670 00 01	1
light bronze matt, lacquered	1670 90 11	1
stainless steel matt, lacquered	1670 90 04	1



**Centre plate for thermostat**

- **Rocker**
- **Setting knob**



- with imprint
- setting knob with temperature range limitation

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, NC contact, with 2030 .. centre plate		139
Temperature controller, NC contact, with 2031 .. centre plate, 24 V AC/DC		141

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>1671 89 82</b>	1
polar white glossy	<b>1671 89 89</b>	1
polar white matt	<b>1671 19 09</b>	1
anthracite matt	<b>1671 16 06</b>	1
aluminium matt, lacquered <sup>1)</sup>	<b>1671 14 04</b>	1

**Modul 2**

white glossy	# <b>1671 02</b>	1
polar white glossy	# <b>1671 09</b>	1



**Berker Q.1/Q.3**

polar white velvety	<b>1671 60 89</b>	1
anthracite velvety, lacquered	* <b>1671 60 86</b>	1

**Berker K.1/K.5**

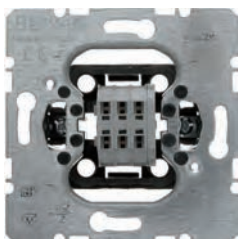
polar white glossy	<b>1671 71 09</b>	1
anthracite matt, lacquered	<b>1671 71 06</b>	1
aluminium matt, lacquered	* <b>1671 71 03</b>	1
stainless steel matt, lacquered	<b>1671 71 04</b>	1

**Berker Arsys**

white glossy	<b>1671 00 02</b>	1
polar white glossy	<b>1671 00 69</b>	1
brown glossy	<b>1671 00 01</b>	1
light bronze matt, lacquered	<b>1671 90 11</b>	1
stainless steel matt, lacquered	<b>1671 90 04</b>	1

<sup>1)</sup> with cover plug for screw fitting

**SENSORS**



**Sensor insert**

- e.g. for temperature sensor PT100
- without spreader claws
- with plug-in terminals

DESIGN	ORDER NO.	PU
Sensor insert	<b>7594 10 01</b>	10

**Central plate for sensor insert**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
Labelling field cannot be used.

- with slots for air circulation
- e.g. for temperature sensor PT100

DESIGN	ORDER NO.	PU
white glossy	<b>7594 04 02</b>	1
polar white glossy	<b>7594 04 09</b>	1
polar white matt/velvety	<b>7594 04 89</b>	1
anthracite matt	<b>7594 04 85</b>	1
aluminium matt, lacquered	<b>7594 04 83</b>	1
stainless steel matt, lacquered	<b>7594 04 03</b>	1
light bronze matt, lacquered	<b>7594 04 04</b>	1

VALVE DRIVES



IP54

**Valve drive 230 V**

Operating voltage	230 V~
Frequency	0 ... 60 Hz
Power consumption	1.8 W
Stroke	4 mm
Running time	45 s /mm
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm
Medium temperature	max. 0 ... 100 °C
Operating temperature	+0 ... +60 °C

Neutral conductor necessary!  
Order valve adapter separately.

- thermoelectric mode of operation
- with overheating protection
- closed in de-energized state
- with state indication (opened or closed)
- with anti-dismantling protection
- for plug-in cover
- pluggable connection cable

SUITABLE FOR	ORDER NO.	PAGE
Thermostat, NO contact, with centre plate	2044 ..	137
Thermostat, NO contact, with centre plate	2045 ..	137
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	137
Temperature controller, change-over contact, with centre plate	2026 ..	139
Temperature controller, NC contact, with centre plate	2030 ..	140
Heating actuator 6gang RMD 230 V	7531 60 03	881
Heating actuator 230 V flush-mounted	7534 10 05	886
Blind and heating actuator 1 + 1gang flush-mounted	7534 10 06	886
Valve adapter for valve drive	7590 ..	144



DESIGN	ORDER NO.	PU
polar white	<b>7590 00 76</b>	1



IP54

**Valve drive 24 V AC/DC**

Operating voltage	24 V~/=
Frequency	50/60 Hz
Power consumption	1.8 W
Stroke	4 mm
Running time	45 s /mm
Line length	max. 200 m
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm
Medium temperature	max. 0 ... 100 °C
Operating temperature	+0 ... +60 °C

Order valve adapter separately.

- thermoelectric mode of operation
- with overheating protection
- closed in de-energized state
- with state indication (opened or closed)
- with anti-dismantling protection
- for plug-in cover
- pluggable connection cable

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 ..	141
Valve adapter for valve drive	7590 ..	144



DESIGN	ORDER NO.	PU
polar white	<b>7590 00 77</b>	1



**Valve adapter for valve drive**

Cap nut (M x L)	M30 x 1.5 mm
More valve adapters upon request.	

- for valve drive 230 V or actuator drive 24 V

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	144
Valve drive 24 V AC/DC	7590 00 77	144

DESIGN	ORDER NO.	PU
grey, VA10, Dumser/Simplex/Beulco (from 2005)	<b>7590 00 72</b>	1
dark grey, VA50, Cazzaniga/Honeywell & Braukmann/Landis & Gyr/Frese/Reich (distributor)/KaMo	<b>7590 00 73</b>	1
light grey, VA80, Comap/Empur/Heimeier/Herb/IVAR/MNG/Onda/Oventrop/Schlösser/Strawa/TA/Thermot	<b>7590 00 75</b>	1
polar white, VA78, flange for Danfoss valves, type: RA	<b>7590 00 74</b>	1

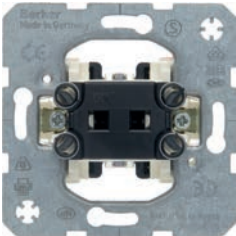


**HEATING EMERGENCY SWITCHES**

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

**1-pole inserts**

■ Connection terminals according to IEC 60669-1



**Change-over/intermediate switch**

Rated voltage 250 V~  
Switching current 10 AX  
Insertion depth 31 mm

- for illumination and monitoring circuit
- with plug-in terminals

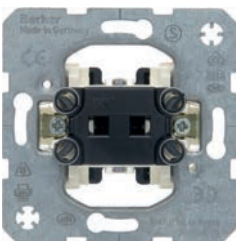
A control change-over switch is shown here as an example. With 2-pole and 3-pole control on/off switches, other rocker switches and neon lamp units are required.

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit 230 V, for switches/push-buttons	1686 ..	74
LED unit for switches/push-buttons	1687	74

**i 908**

DESIGN	ORDER NO.	PU
Change-over switch	<b>3036</b>	10
Change-over switch for installation in hollow walls <sup>1)</sup>	<b>3036 50</b>	10
Intermediate switch	<b>3037</b>	10

<sup>1)</sup>low installation depth, without spreader claws



**Push-button**

Rated voltage 250 V~  
Momentary-contact current 10 A  
Contact spacing 3 mm  
Contact spacing > 3 mm  
Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>

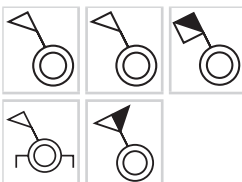
- for illumination and monitoring circuit
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit 230 V, for switches/push-buttons	1686 ..	74
LED unit for switches/push-buttons	1687 ..	74

**i 909**

DESIGN	ORDER NO.	PU
Push-button, NO contact	<b>5031</b>	10
Push-button, NO contact for installation in hollow walls <sup>1)</sup>	<b>5031 50</b>	10
Push-button, change-over	<b>5036</b>	10
Push-button, NO contact, 2 separate signal contacts	<b>5031 01</b>	10
Push-button, NC contact + NO contact, isolated input terminals	<b>5032 03</b>	10

<sup>1)</sup>low installation depth, without spreader claws



**Covers for 1-pole inserts**



**Rocker with imprint "Heizung Notschalter"**

- Red lens



Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.

- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
red glossy	<b>1621 89 02</b>	10
red matt	<b>1621 19 02</b>	10



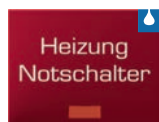
**Modul 2**

white glossy	# 1707 02	10
polar white glossy	# 1707 09	10



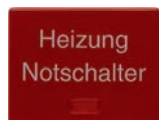
**Berker Q.1/Q.3**

polar white velvety <sup>1)</sup>	1621 60 69	10
-----------------------------------	------------	----



**Berker K.1/K.5**

red glossy	1488 71 15	10
------------	------------	----



**Berker Arsys**

red glossy	1488 00 62	10
------------	------------	----



**Berker R.1/R.3**

polar white glossy <sup>2)</sup>	* 1621 20 49	10
----------------------------------	--------------	----

<sup>1)</sup> with orange lens  
<sup>2)</sup> with clear lens



**Centre plate with glass plate**

**- Rocker**



- also for KNX applications: push-button, 1gang, and group push-button, 1gang

In case of danger break glass and press rocker!

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: "Notschalter", "Rauchabzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen".

Not suitable for heating systems > 50 kW.

DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
red glossy	1297 00 00	10



Covers for multi-pole inserts



**Rocker with imprint "Heizung Notschalter - 0"**

- Red lens



Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

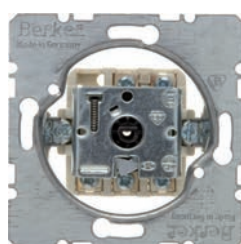
- with imprint "0"
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

DESIGN	ORDER NO.	PU
<b>Modul 2</b>		
white glossy	# 1708 02	10
polar white glossy	# 1708 09	10

3-STEP SWITCHES



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**3-step switch**

Rated voltage

250 V~

- with screw terminals

Switching current

16 A

For air conditioners and fans, for example.

**i 910**



DESIGN	ORDER NO.	PU
3-step switch, with 0-position: 0-1-2-3	<b>3861</b>	10
3-step switch, without 0-position: 2-1-3	<b>3861 01</b>	10



**Centre plate with rotary knob for 3-step switch**

- with imprint

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7, without 0-position**

white glossy, without 0-position: 2-1-3	<b>1084 89 82</b>	1
polar white glossy, without 0-position: 2-1-3	<b>1084 89 89</b>	1
polar white matt, without 0-position: 2-1-3	<b>1084 19 09</b>	1
anthracite matt, without 0-position: 2-1-3	<b>1084 16 06</b>	1
aluminium matt, lacquered, without 0-position: 2-1-3	<b>1084 14 04</b>	1

**Berker S.1/B.3/B.7, with 0-position**

white glossy, with 0-position: 0-1-2-3	<b>1096 89 82</b>	1
polar white glossy, with 0-position: 0-1-2-3	<b>1096 89 89</b>	1
polar white matt, with 0-position: 0-1-2-3	<b>1096 19 09</b>	1
anthracite matt, with 0-position: 0-1-2-3	<b>1096 16 06</b>	1
aluminium matt, lacquered, with 0-position: 0-1-2-3	<b>1096 14 04</b>	1

**Modul 2, without 0-position**

white glossy, without 0-position: 2-1-3	# 1084 02	1
polar white glossy, without 0-position: 2-1-3	# 1084 09	1

**Modul 2, with 0-position**

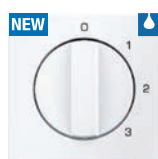
white glossy, with 0-position: 0-1-2-3	# 1096 02	1
polar white glossy, with 0-position: 0-1-2-3	# 1096 09	1

**Berker Q.1/Q.3, without 0-position**

polar white velvety, without 0-position: 2-1-3	<b>1084 60 89</b>	1
anthracite velvety, lacquered, without 0-position: 2-1-3	* <b>1084 60 86</b>	1

**Berker Q.1/Q.3, with 0-position**

polar white velvety, with 0-position: 0-1-2-3	<b>1096 60 89</b>	1
anthracite velvety, lacquered, with 0-position: 0-1-2-3	* <b>1096 60 86</b>	1





DESIGN	ORDER NO.	PU
<b>Berker K.1/K.5, without 0-position</b>		
polar white glossy, without 0-position: 2-1-3	<b>1088 71 09</b>	1
anthracite matt, lacquered, without 0-position: 2-1-3	<b>1088 71 06</b>	1
Aluminium, aluminium anodised, without 0-position: 2-1-3	* <b>1088 71 03</b>	1
Stainless steel, metal matt finish, without 0-position: 2-1-3	<b>1088 71 04</b>	1
<b>Berker K.1/K.5, with 0-position</b>		
polar white glossy, with 0-position: 0-1-2-3	<b>1087 71 09</b>	1
anthracite matt, lacquered, with 0-position: 0-1-2-3	<b>1087 71 06</b>	1
Aluminium, aluminium anodised, with 0-position: 0-1-2-3	* <b>1087 71 03</b>	1
Stainless steel, metal matt finish, with 0-position: 0-1-2-3	<b>1087 71 04</b>	1
<b>Berker Arsys, without 0-position</b>		
white glossy, without 0-position: 2-1-3	<b>1088 00 02</b>	1
polar white glossy, without 0-position: 2-1-3	<b>1088 00 69</b>	1
brown glossy, without 0-position: 2-1-3	<b>1088 00 01</b>	1
light bronze matt, aluminium lacquered, without 0-position: 2-1-3	<b>1088 01 01</b>	1
Stainless steel, metal matt finish, without 0-position: 2-1-3	<b>1088 01 04</b>	1
gold/polar white, matt/glossy, aluminium anodised, without 0-position: 2-1-3	<b>1088 01 02</b>	1
<b>Berker Arsys, with 0-position</b>		
white glossy, with 0-position: 0-1-2-3	<b>1087 00 02</b>	1
polar white glossy, with 0-position: 0-1-2-3	<b>1087 00 69</b>	1
brown glossy, with 0-position: 0-1-2-3	<b>1087 00 01</b>	1
light bronze matt, aluminium lacquered, with 0-position: 0-1-2-3	<b>1087 01 01</b>	1
Stainless steel, metal matt finish, with 0-position: 0-1-2-3	<b>1087 01 04</b>	1
gold/polar white, matt/glossy, aluminium anodised, with 0-position: 0-1-2-3	<b>1087 01 02</b>	1
<b>Berker R.1/R.3, without 0-position</b>		
polar white glossy, without 0-position: 2-1-3	* <b>1084 20 89</b>	1
black glossy, without 0-position: 2-1-3	* <b>1084 20 45</b>	1
<b>Berker R.1/R.3, with 0-position</b>		
polar white glossy, with 0-position: 0-1-2-3	* <b>1096 20 89</b>	1
black glossy, with 0-position: 0-1-2-3	* <b>1096 20 45</b>	1

**SPEED CONTROLLERS**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Speed controllers**

Operating voltage	230/240 V~	■ phase cut-on
Frequency	50/60 Hz	■ short-circuit and overload proof (fine-wire fuse)
Motor nominal and slat current	max. 0.1 ... 2.7 A	■ with spare fuse
Fine-wire fuse	T 3.15 H 250 V	■ basic speed adjustable
Loss power at full load	≈ 5 W	■ for devices with motory drive
Axis dimension Ø	4 mm	■ with rotary on/off switch
Possible to change fuse without removing cover.		■ additional switching contact for blade control
		■ with plug-in terminals



**i 913**



DESIGN	ORDER NO.	PU
Speed controllers	<b>2968 01</b>	1



**Centre plate for speed controller**

**- Setting knob**

■ with imprinted symbol curve



Axis dimension Ø

4 mm

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	<b>1137 89 22</b>	10
polar white glossy	<b>1137 89 29</b>	10
polar white matt	<b>1137 19 29</b>	10
anthracite matt	<b>1137 16 26</b>	10
aluminium matt, lacquered	<b>1137 14 24</b>	10

**Modul 2**

white glossy	# <b>1137 22</b>	1
polar white glossy	# <b>1137 29</b>	10



**Berker Q.1/Q.3**

polar white velvety	<b>1137 60 79</b>	10
anthracite velvety, lacquered	* <b>1137 60 76</b>	10



**Berker K.1/K.5**

polar white glossy	<b>1135 72 09</b>	10
anthracite matt, lacquered	<b>1135 72 06</b>	10
Aluminium, aluminium anodised	* <b>1135 72 03</b>	10
Stainless steel, metal matt finish	<b>1135 72 04</b>	10



**Berker Arsys**

white glossy	<b>1135 00 22</b>	10
polar white glossy	<b>1135 00 89</b>	10
brown glossy	<b>1135 00 21</b>	10
light bronze matt, aluminium lacquered	<b>1134 00 21</b>	10
Stainless steel, metal matt finish	<b>1134 00 24</b>	10
gold matt, aluminium anodised	<b>1134 00 22</b>	10



**Berker R.1/R.3**

polar white glossy	* <b>1137 20 79</b>	10
black glossy	* <b>1137 20 35</b>	10



**BLC - BERKER LIGHT CONTROL**

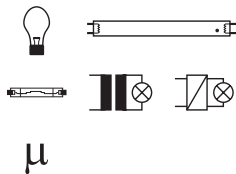
**BLC switches**



**BLC relay insert HVAC**

Operating voltage	230 V~
Frequency	50/60 Hz
Motor switching current (HLK channel)	2.1 A
230 V incandescent lamps and halogen lamps	1000 W
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- in Duo circuit	1000 VA
Conventional transformers	750 VA
Electronic transformers	750 W
HVAC-channel adjustable	≈ 2/10/30/60/120 min
Switch on delay HVAC-channel	0/3 min
Operating temperature	+5 ... +35 °C

- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/deactivated permanently with BLC button
- also usable as push-button relay switch
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- insert suitable for BLC buttons
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- with screw terminals



<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b>		
Making current limiter	185	78

**i 917**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!



DESIGN	ORDER NO.	PU
BLC relay insert HVAC	<b>2912</b>	1

**BLC push-buttons**



**BLC push-button**

- with 2-push-buttons operation concept
- switch-on brightness for BLC dimmer insert mains-failure protection storable

**i 917**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>1761 89 82</b>	1
polar white glossy	<b>1761 89 89</b>	1
anthracite matt	<b>1761 16 06</b>	1
polar white matt	<b>1761 19 09</b>	1
aluminium matt, lacquered	<b>1761 14 04</b>	1

**Modul 2**

white glossy	<b># 1761 02</b>	1
polar white glossy	<b># 1761 09</b>	1

**Berker Q.1/Q.3**

polar white velvety	<b>1761 60 89</b>	1
anthracite velvety, lacquered	<b>* 1761 60 86</b>	1

**Berker K.1/K.5**

polar white glossy	<b>1761 70 09</b>	1
anthracite matt, lacquered	<b>1761 70 06</b>	1
Aluminium, aluminium anodised	<b>* 1761 70 03</b>	1
Stainless steel, metal matt finish	<b>1761 70 04</b>	1





DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
white glossy	<b>1761 00 02</b>	1
polar white glossy	<b>1761 00 69</b>	1
brown glossy	<b>1761 00 01</b>	1
light bronze matt, aluminium lacquered	<b>1761 00 11</b>	1
Stainless steel, metal matt finish	<b>1761 00 04</b>	1
gold matt, aluminium anodised	<b>1761 00 12</b>	1

**SUPPLEMENTARY PRODUCTS**



**Temperature sensor**

Characteristic resistance value at 25 °C  
Sensor cable length

33 kΩ  
4 m

■ as replacement or function extension of products with suitable connection, such as thermostat, glass sensors or KNX thermostat

SUITABLE FOR	ORDER NO.	PAGE
Thermostat, NO contact, with centre plate	2044 ..	137
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	138

**i 941**



DESIGN	ORDER NO.	PU
Temperature sensor	<b>161</b>	1







ANTENNA TECHNOLOGY	156-159
DATA COMMUNICATION	160-173
SUPPLEMENTARY PRODUCTS	173-176
USB CHARGING SOCKET OUTLETS	176-177
MULTIMEDIA	177-185
CONSUMER ELECTRONICS	186-187

Whatever new options communication and entertainment technologies open up - Berker means they can also be integrated perfectly. Our multimedia socket outlets, for example, offer ideal connections for laptops, beamers, PC monitors, mobile terminals and HiFi systems, as well as for all the newest entertainment electronics devices. Our flush-mounted radio offers perfect reception in any room. And our USB charging socket outlet helps to charge up the batteries of mobile phones and smartphones, digital cameras and games consoles and give them new energy. All of these functions are easy to install, are available for all Berker switch ranges and are thus the most direct method of bringing the future into your home.

- Multimedia socket outlets for modern entertainment electronics
- Best reception with the flush-mounted radio
- Charging smartphones, cameras and consoles using the USB charging socket outlet
- Available for all Berker stand and comfort ranges
- The communication and multimedia connection technology means that the jungle of cables is a thing of the past – both at home and at work

ANTENNA TECHNOLOGY

Aerial sockets



**Aerial socket 2hole single box**

- DC-permeable



Wave impedance	75 Ω
Broadband technology	4 ... 2400 MHz
Attenuation:	
- at 40 ... 68 MHz	3.5 dB
- at 87.5 ... 108 MHz	3.8 dB
- at 113 ... 174 MHz	2.5 dB
- at 174 ... 862 MHz	4 dB
- at 950 ... 2200 MHz	3 ... 4.9 dB
reverse channel compatible	4 ... 2400 MHz

- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- for analogue and digital transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- remote supply via output socket
- DC voltage conducting
- with screw terminals

**i 969**

Not suitable as terminal box.  
IEC 169-2 and EN 60728-11  
Shielding value according to EMC protection class A



DESIGN	ORDER NO.	PU
Aerial socket 2hole single box	<b>4502</b>	10



**Aerial socket, 2hole throughpass socket**

Wave impedance	75 Ω
Broadband technology	4 ... 2400 MHz
Attenuation:	
- at 5 ... 111 MHz	14 dB
- at 111 ... 862 MHz	15 dB
- at 950 ... 2400 MHz	16 dB
Transmission loss:	
- at 5 ... 111 MHz	1.5 dB
- at 111 ... 862 MHz	1 dB
- at 950 ... 2400 MHz	2.5 dB
reverse channel compatible	4 ... 2400 MHz

- for community, DVB-T and broadband cable systems
- for SAT house distributors
- for analogue and digital transmission
- for terrestrial reception
- in tree structure and trunk lines
- suitable for HDTV
- disables DC voltage
- with decoupling device
- with screw terminals

**i 969**

EN 60728-4, -11  
IEC 169-2 and EN 50083-2  
Shielding value according to EMC protection class A



DESIGN	ORDER NO.	PU
Aerial socket, 2hole throughpass socket	<b>4515</b>	10



**Aerial socket 3hole single box**

- DC-permeable



Wave impedance	75 Ω
Broadband technology	5 ... 2400 MHz
Attenuation:	
- at 4 ... 30 MHz	3.5 dB
- at 40 ... 68 MHz	3.5 dB
- at 87.5 ... 108 MHz	3.8 dB
- at 113 ... 174 MHz	3.5 dB
- at 174 ... 862 MHz	4 dB
- at 950 ... 2400 MHz	1.5 ... 3 dB

- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- for analogue and digital transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- remote supply via F-socket
- DC voltage conducting
- with screw terminals

**i 969**

EN 60728-4, -11  
IEC 169-2 and EN 50083-2  
Shielding value according to EMC protection class A



DESIGN	ORDER NO.	PU
Aerial socket 3hole single box	<b>4522</b>	1



**Aerial socket 3hole throughpass socket**

Wave impedance	75 Ω
Broadband technology	40 ... 2400 MHz
Attenuation:	
- at 1.5 ... 26.1 MHz	11 dB
- at 47 ... 68 MHz	10.5 dB
- at 87.5 ... 108 MHz	10.5 dB
- at 111 ... 174 MHz	10 dB
- at 174 ... 862 MHz	10.5 dB
- at 950 ... 2050 MHz	10.5 dB
Transmission loss:	
- at 1.5 ... 26.1 MHz	1.5 dB
- at 47 ... 68 MHz	1.5 dB
- at 87.5 ... 108 MHz	1.5 dB
- at 111 ... 174 MHz	1 dB
- at 174 ... 862 MHz	2 dB
- at 950 ... 2050 MHz	3 dB

- for community, DVB-T and broadband cable systems
- for SAT house distributors without supply voltage, e.g. single-cable solution
- for analogue and digital transmission
- for terrestrial reception
- in tree structure and trunk lines
- suitable for HDTV
- disables DC voltage
- with decoupling device
- with screw terminals

**i 969**

EN 60728-4, -11  
IEC 169-2 and EN 50083-2  
Shielding value according to EMC protection class A



DESIGN	ORDER NO.	PU
Aerial socket 3hole throughpass socket	<b>4523</b>	1



**Aerial socket 3hole throughpass socket**

**- DC-permeable**



Wave impedance	75 Ω
Broadband technology	40 ... 2400 MHz
Attenuation:	
- at 1.5 ... 26.1 MHz	11 dB
- at 47 ... 68 MHz	10.5 dB
- at 87.5 ... 108 MHz	10.5 dB
- at 111 ... 174 MHz	10 dB
- at 174 ... 862 MHz	10.5 dB
- at 950 ... 2050 MHz	10.5 dB
Transmission loss:	
- at 1.5 ... 26.1 MHz	1.5 dB
- at 47 ... 68 MHz	1.5 dB
- at 87.5 ... 108 MHz	1.5 dB
- at 111 ... 174 MHz	1 dB
- at 174 ... 862 MHz	2 dB
- at 950 ... 2050 MHz	3 dB

- for community, DVB-T and broadband cable systems
- for SAT house distributors
- suitable for unicable
- for analogue and digital transmission
- for terrestrial reception
- in tree structure and trunk lines
- suitable for HDTV
- DC voltage conducting
- with decoupling device
- with screw terminals

**i 969**

In unicable systems, the last antenna socket must be closed with a terminating resistor (available in specialist shops) suitable for DC.

EN 60728-4, -11  
IEC 169-2 and EN 50083-2  
Shielding value according to EMC protection class A



DESIGN	ORDER NO.	PU
Aerial socket 3hole throughpass socket	<b>4593</b>	1



**Terminating resistor**

Broadband technology	0.15 ... 2400 MHz
Resistor	75 Ω

- for use in last through-box
- DC voltage conducting
- for non-reflective termination of a trunk cable

**i 969**

DESIGN	ORDER NO.	PU
Terminating resistor	<b>4503</b>	1



**Centre plate for aerial socket 2-/3hole**

For aerial socket as per according to DIN 45330

- with knock out SAT input

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1203 89 82</b>	10
polar white glossy	<b>1203 89 89</b>	10
polar white matt	<b>1203 19 09</b>	10
anthracite matt	<b>1203 16 06</b>	10
aluminium matt, lacquered	<b>1203 14 04</b>	10
<b>Modul 2</b>		
white glossy	# <b>1200 02</b>	10
polar white glossy	# <b>1200 09</b>	10



<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1203 60 89</b>	10
anthracite velvety, lacquered	* <b>1203 60 86</b>	10

<b>Berker K.1/K.5</b>		
polar white glossy	<b>1201 70 19</b>	10
anthracite matt, lacquered	<b>1201 70 16</b>	10
Aluminium, aluminium anodised	* <b>1201 70 13</b>	10
Stainless steel, metal matt finish	<b>1201 70 14</b>	10

<b>Berker Arsys</b>		
white glossy	<b>1201 01 12</b>	10
polar white glossy	<b>1201 01 79</b>	10
brown glossy	<b>1201 01 11</b>	10
light bronze matt, aluminium lacquered	<b>1202 00 21</b>	10
Stainless steel, metal matt finish	<b>1202 00 04</b>	10
gold matt, aluminium anodised	<b>1202 00 02</b>	10



<b>Berker R.1/R.3</b>		
polar white glossy	* <b>1203 20 89</b>	10
black glossy	* <b>1203 20 45</b>	10



**Aerial socket 4hole single box**

- DC-permeable



Wave impedance	75 Ω
Broadband technology	5 ... 2400 MHz
Attenuation:	
- at 0.5 ... 26.1 MHz	2 dB
- at 47 ... 68 MHz	2 dB
- at 87.5 ... 108 MHz	2 dB
- at 174 ... 862 MHz	2 dB
- at 120 ... 174 MHz	4.5 dB
- at 950 ... 2050 MHz	4 dB

EN 60728-4  
IEC 169-2 and EN 50083-2  
Shielding value according to EMC protection class A

- for community and broadband cable systems
- for multi-switch systems
- for single and distributor SAT systems
- for analogue and digital transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- remote supply via F-sockets
- with 2 equal IEC outputs (socket and plug)
- with 2 independent SAT outputs (F-sleeves)
- for simultaneous connection of radio and TV receiver as well as 2 independent SAT receivers
- also to add SAT programmes in broadband cable systems
- DC voltage conducting
- with screw terminals

**i 969**



DESIGN	ORDER NO.	PU
Aerial socket 4hole single box	<b>4594</b>	1



**Central plate for aerial socket 4hole (Ankaro)**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

**MANUFACTURER: PRODUCT LINE ART. NO.**

**Aerial sockets**

Ankaro  
Astro  
Axing  
Delta  
Schwaiger

DESIGN	ORDER NO.	PU
white glossy	<b>1484 02</b>	10
polar white glossy	<b>1484 09</b>	10
polar white matt/velvety	<b>1484 19 09</b>	10
anthracite matt	<b>1484 16 06</b>	10
aluminium matt, lacquered	<b>1484 14 04</b>	10
brown glossy	<b>1484 01</b>	10
light bronze matt, lacquered	<b>1484 11</b>	10
stainless steel matt, lacquered	<b>1484 04</b>	10

**Covers of external aerial sockets**



**Central plate for aerial socket 4hole (Hirschmann)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

**MANUFACTURER: PRODUCT LINE ART. NO.**

**Aerial sockets**

Hirschmann

DESIGN	ORDER NO.	PU
white glossy	<b>1483 02</b>	10
polar white glossy	<b>1483 09</b>	10
polar white matt/velvety	<b>1483 19 09</b>	10
anthracite matt	<b>1483 16 06</b>	10
aluminium matt, lacquered	<b>1483 14 04</b>	10
brown	<b>1483 01</b>	10
light bronze matt, lacquered	<b>1483 11</b>	10
stainless steel matt, lacquered	<b>1483 04</b>	10



**Central plate for broadband modem socket (Wisi)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with additional multimedia output

**MANUFACTURER: PRODUCT LINE ART. NO.**

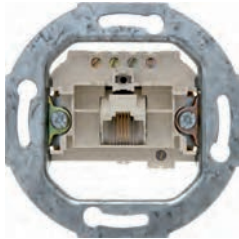
**Broadband modem socket**

Wisi

DESIGN	ORDER NO.	PU
white glossy	# <b>1439 02</b>	10
polar white glossy	# <b>1439 09</b>	10
polar white matt/velvety	# <b>1439 19 09</b>	10
anthracite matt	# <b>1439 16 06</b>	10

**DATA COMMUNICATION**

**UAE socket outlets 1gang**



**FCC socket outlet 8(4)pole, cat.3**

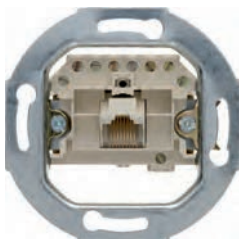
Rated voltage	125 V=	■ for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Rated current	1 A	■ with 45° oblique outlet
Transmission bandwidth	max. 16 MHz	■ with screw terminals
Transition resistance	< 20 mΩ	
Conductor Ø	max. 1 mm	
Insertion depth	22 mm	

**i 971**

Cat.3 to according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7



DESIGN	ORDER NO.	PU
white	<b>4568</b>	10



**FCC socket outlet 8pole, cat.3**

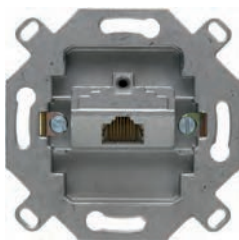
Rated voltage	125 V=	■ for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Rated current	1 A	■ with 45° oblique outlet
Transmission bandwidth	max. 16 MHz	■ with screw terminals
Transition resistance	< 20 mΩ	
Conductor Ø	max. 1 mm	
Insertion depth	22 mm	

**i 971**

Cat.3 to according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7



DESIGN	ORDER NO.	PU
white	<b>4538</b>	10



**FCC socket outlet 8pole shielded, cat.5e**

Rated voltage	72 V=	■ external eyelets on the supporting ring can be broken off for round designs
Rated current	0.75 A	■ housing out of tin diecasting
Transmission bandwidth	max. 100 MHz	■ for RJ11, RJ12 and RJ45 plugs
Signal contact resistance	20 mΩ	■ suitable for PoE+
Shield contact resistance	100 mΩ	■ with screen contacting 360° and cable clamp
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)	■ flexible cable routing
Insertion depth	31 mm	■ with 45° oblique outlet

- without spreader claws
- with LSA+ terminals

**i 971**

Cat.5, class D, shielded according to ISO/IEC 11801  
cat.5e according to TIA/EIA 568-B.2  
Design to according to DIN EN 60603-7-3  
Protective screen according to DIN EN 55022, class B  
Colour code A and B according to TIA/EIA-568-B.2



DESIGN	ORDER NO.	PU
FCC socket outlet 8pole shielded, cat.5e	<b>4554</b>	10





**FCC socket outlet 8pole shielded, cat.6A iso**

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Transition resistance	< 20 mΩ
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

Cat.6<sub>A</sub> iso, Class E<sub>A</sub>, shielded according to ISO/IEC 11801 A2

Design to according to DIN IEC 60603-7-51

Protective screen according to DIN EN 55022, class B

Colour code A and B according to TIA/EIA-568-B.2

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- cat.6<sub>A</sub> iso, Class E<sub>A</sub>, shielded
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with LSA+ terminals

**i 971**



DESIGN	ORDER NO.	PU
FCC socket outlet 8pole shielded, cat.6A iso	<b>4586</b>	10



**Centre plate for FCC socket outlet**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 1gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet

**MANUFACTURER: PRODUCT LINE ART. NO.**

**FCC socket outlets**

- AMP
- Brand-Rex
- BTR
- Crack-IT
- Rutenbeck
- Telegärtner
- Telena

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>1407 89 82</b>	10
polar white glossy	<b>1407 89 89</b>	10
polar white matt	<b>1407 19 09</b>	10
anthracite matt	<b>1407 16 06</b>	10
aluminium matt, lacquered	<b>1407 14 04</b>	10

**Berker Q.1/Q.3**

polar white velvety	<b>1407 60 89</b>	10
anthracite velvety, lacquered	<b>* 1407 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1407 70 09</b>	10
anthracite matt, lacquered	<b>1407 70 06</b>	10
Aluminium, aluminium anodised	<b>* 1407 70 03</b>	10
Stainless steel, metal matt finish	<b>1407 70 04</b>	10

**Berker Arsys**

white glossy	<b>1407 00 02</b>	10
polar white glossy	<b>1407 00 69</b>	10
brown glossy	<b>1407 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1408 00 01</b>	10
Stainless steel, metal matt finish	<b>1408 00 04</b>	10
gold matt, aluminium anodised	<b>1408 00 02</b>	10

**Berker R.1/R.3**

polar white glossy	<b>* 1407 20 89</b>	10
black glossy	<b>* 1407 20 45</b>	10





**Central plate for FCC socket outlet**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- for 1 gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- labelling field latchable
- with 45° oblique outlet

**MANUFACTURER: PRODUCT LINE**

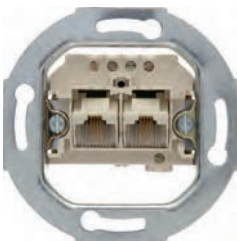
**FCC socket outlets**

AMP  
Brand-Rex  
BTR  
Rutenbeck  
Telegärtner

**ART. NO.**

DESIGN	ORDER NO.	PU
white glossy	<b>1468 02</b>	10
polar white glossy	<b>1468 09</b>	10
brown glossy	<b>1468 01</b>	10

**UAE socket outlets 2gang**



**FCC socket outlet 2x8(4)pole, cat.3**

Rated voltage 125 V=

Rated current 1 A

Transmission bandwidth max. 16 MHz

Transition resistance < 20 mΩ

Conductor Ø max. 1 mm

Insertion depth 22 mm

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- with 45° oblique outlet
- with screw terminals

**i 971**

Cat.3 to according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7



DESIGN	ORDER NO.	PU
white	<b>4562</b>	10



**FCC connection socket outlet 2x8(4)pole, cat.3**

Rated voltage 125 V=

Rated current 1 A

Transmission bandwidth max. 16 MHz

Transition resistance < 20 mΩ

Resistor 100 Ω

Conductor Ø max. 1 mm

Insertion depth 22 mm

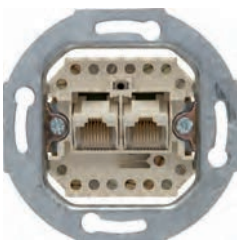
- as socket outlet for ISDN-So-Bus installations
- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- for telephone installations as single box
- with 45° oblique outlet
- with screw terminals

**i 971**

Cat.3 to according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7



DESIGN	ORDER NO.	PU
white	<b># 4592</b>	10



**FCC socket outlet 8/8pole, cat.3**

Rated voltage 125 V=

Rated current 1 A

Transmission bandwidth max. 16 MHz

Transition resistance < 20 mΩ

Conductor Ø max. 1 mm

Insertion depth 22 mm

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

**i 971**

Cat.3 to according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7



DESIGN	ORDER NO.	PU
white	<b>4539</b>	10



**FCC socket outlet 8/8pole shielded, cat.5e**

Rated voltage	72 V=
Rated current	0.75 A
Transmission bandwidth	max. 100 MHz
Transition resistance	< 20 mΩ
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

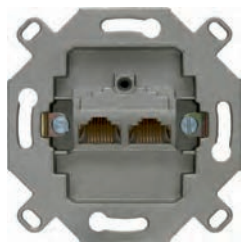
Colour code A and B according to TIA/EIA-568-B.2  
Cat.5, class D, shielded according to ISO/IEC 11801  
cat.5e according to TIA/EIA 568-B.2  
Protective screen according to DIN EN 55022, class B  
Design to according to DIN EN 60603-7-3

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with LSA+ terminals

**i 971**



DESIGN	ORDER NO.	PU
FCC socket outlet 8/8pole shielded, cat.5e	<b>4555</b>	10



**FCC socket outlet 8/8pole shielded, cat.6A iso**

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Transition resistance	< 20 mΩ
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

Colour code A and B according to TIA/EIA-568-B.2  
Cat.6<sub>A</sub> iso, Class E<sub>A</sub>, shielded according to ISO/IEC 11801 A2  
Protective screen according to DIN EN 55022, class B  
Design to according to DIN IEC 60603-7-51

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- cat.6<sub>A</sub> iso, Class E<sub>A</sub>, shielded
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with LSA+ terminals

**i 971**



DESIGN	ORDER NO.	PU
FCC socket outlet 8/8pole shielded, cat.6A iso	<b>4587</b>	10



**Centre plate for FCC socket outlet 2gang**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 2gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet

**MANUFACTURER: PRODUCT LINE ART. NO.**  
**FCC socket outlets**

- AMP
- Brand-Rex
- BTR
- CobiNet
- Corning
- Dätwyler
- EFB Electronic
- Elmat/Süveg (STL-Gruppe)
- Komos
- Leoni Kerpen
- Rutenbeck
- Setec
- Telegärtner
- ISDN socket outlets (Rutenbeck)**
- Telekom

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1409 89 82</b>	10
polar white glossy	<b>1409 89 89</b>	10
polar white matt	<b>1409 19 09</b>	10
anthracite matt	<b>1409 16 06</b>	10
aluminium matt, lacquered	<b>1409 14 04</b>	10



**Berker Q.1/Q.3**

polar white velvety	1409 60 89	10
anthracite velvety, lacquered	* 1409 60 86	10



**Berker K.1/K.5**

polar white glossy	1409 70 09	10
anthracite matt, lacquered	1409 70 06	10
Aluminium, aluminium anodised	* 1409 70 03	10
Stainless steel, metal matt finish	1409 70 04	10



**Berker Arsys**

white glossy	1409 00 02	10
polar white glossy	1409 00 69	10
brown glossy	1409 00 01	10
light bronze matt, aluminium lacquered	1410 00 01	10
Stainless steel, metal matt finish	1410 00 04	10
gold matt, aluminium anodised	1410 00 02	10



**Berker R.1/R.3**

polar white glossy	* 1409 20 89	10
black glossy	* 1409 20 45	10



**Central plate for FCC socket outlet 2gang**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- for 2gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- labelling field latchable
- with 45° oblique outlet

**MANUFACTURER: PRODUCT LINE** **ART. NO.**

**FCC socket outlets**

- AMP
- Brand-Rex
- BTR
- CobiNet
- Coming
- Dätwyler
- EFB Electronic
- Elmat/Süveg (STL-Gruppe)
- Komos
- Leoni Kerpen
- Rutenbeck
- Setec
- Telegärtner
- Telena

**ISDN socket outlets (Rutenbeck)**

- Telekom

DESIGN	ORDER NO.	PU
white glossy	1469 02	10
polar white glossy	1469 09	10
brown glossy	1469 01	10

**Modular UAE socket outlets**



**Modular UAE socket outlet 8/8pole shielded, cat.6A iso**

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Signal contact resistance	< 20 mΩ
Shield contact resistance	100 mΩ
Copper conductor (solid) Ø	0.51 ... 0.64 (AWG 24-22) mm
Copper conductor (flexible) Ø	0.4 ... 0.53 (AWG 26) mm
Insertion depth	35 mm

- external eyelets on the supporting ring can be broken off for round designs
- die-cast zinc housing
- only suitable for RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- with straight outlet
- with optional dust protection hinged covers
- with IDC terminals
- without spreader claws

Cat.6<sub>A</sub> iso, Class E<sub>A</sub>, shielded according to ISO/IEC 11801 A2

**i 970**

Design to according to DIN IEC 60603-7-51

Protective screen according to DIN EN 55022, class B

Colour code A and B according to TIA/EIA-568-B.2



DESIGN	ORDER NO.	PU
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	<b>4588</b>	1



**Modular UAE socket outlet 8/8pole unshielded, cat.6A iso**

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Signal contact resistance	< 200 mΩ
Copper conductor (solid) Ø	0.51 ... 0.64 mm
Copper conductor (flexible) Ø	0.4 ... 0.53 mm
Insertion depth	35 mm

- housing made of ABS
- only suitable for RJ45 plugs
- suitable for PoE+
- with straight outlet
- with optional dust protection hinged covers
- with IDC terminals
- without spreader claws

real.cat.6a according to DIN IEC 60603-7-51

Colour code A and B according to TIA/EIA-568-B.2



DESIGN	ORDER NO.	PU
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	<b>4584</b>	1



**Centre plate with TAE cut-out**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

**MANUFACTURER: PRODUCT LINE**

**ART. NO.**

**FCC socket outlets**

Dätwyler

Rutenbeck

**TAE and FCC overvoltage protection sockets**

Dehn

**EAD socket outlets**

Drivex

Fröhlich + Walter



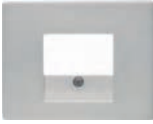

Intracom

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1033 89 12</b>	10
polar white glossy	<b>1033 89 19</b>	10
polar white matt, with 2 knock out openings	<b>1033 19 09</b>	10
anthracite matt, with 2 knock out openings	<b>1033 16 06</b>	10
aluminium matt, lacquered, with 2 knock out openings	<b>1033 14 04</b>	10

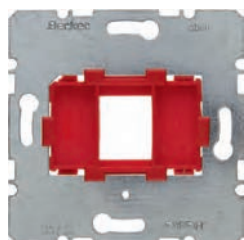
**Modul 2**

white glossy	<b># 1033 02</b>	10
polar white glossy	<b># 1033 09</b>	10



	DESIGN	ORDER NO.	PU
	<b>Berker Q.1/Q.3</b>		
	polar white velvety	<b>1033 60 89</b>	10
	anthracite velvety, lacquered	* <b>1033 60 86</b>	10
	<b>Berker K.1/K.5</b>		
	polar white glossy	<b>1035 70 09</b>	10
	anthracite matt, lacquered	<b>1035 70 06</b>	10
	Aluminium, aluminium anodised	* <b>1035 70 03</b>	10
	Stainless steel, metal matt finish	<b>1035 70 04</b>	10
	<b>Berker Arsys</b>		
	white glossy	<b>1035 01 02</b>	10
	polar white glossy	<b>1035 01 69</b>	10
	brown glossy	<b>1035 01 01</b>	10
	light bronze matt, aluminium lacquered	<b>1034 00 01</b>	10
	Stainless steel, metal matt finish	<b>1034 00 04</b>	10
	<b>Berker R.1/R.3</b>		
	polar white glossy	* <b>1038 20 89</b>	10
	black glossy	* <b>1038 20 45</b>	10

### Installation of external modular jacks



#### Supporting plate with red mounting device 1gang for modular jack

Indexing dimension (W x H) ≈ 15.5 x 19.5 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- without spreader claws

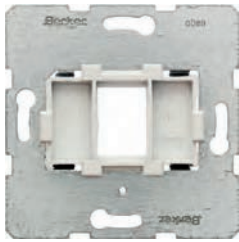
#### MANUFACTURER: PRODUCT LINE

#### ART. NO.

##### Modular jacks

Abitana  
AMP  
Assmann  
Asyco  
Dätwyler  
Dr. Ing. Sieger  
EFB Electronic  
Erni  
Hubbell  
ICS  
Leoni Kerpen  
Nexans  
Premium Line Systems  
Radiall  
Rutenbeck  
Setec  
Telegärtner  
ZA-Tec

DESIGN	ORDER NO.	PU
Supporting plate with red mounting device 1gang for modular jack	<b>4540 01</b>	10



**Supporting plate with white mounting device 1gang for modular jack**

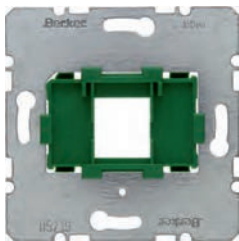
Indexing dimension (W x H) ≈ 14.9 x 20.7 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- without spreader claws

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>Modular jacks</b>	
AMP	
Brand-Rex	
CobiNet	
EFB Electronic	

DESIGN	ORDER NO.	PU
Supporting plate with white mounting device 1gang for modular jack	<b>4540 02</b>	10



**Supporting plate with green mounting device 1gang for modular jack**

Indexing dimension (W x H) ≈ 17 x 18 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- for Commscope-Systimax Modular Jacks cat.5 and cat.6
- without spreader claws

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>Modular jacks</b>	
Commscope-Systimax: gigaSpeed	MGS300BH-... MGS400-... MGS500-...
PowerSUM	MPS100E-...

DESIGN	ORDER NO.	PU
Supporting plate with green mounting device 1gang for modular jack	<b>4540 04</b>	10



**Centre plate with dust protection slider**

- Labelling field



- for supporting plates with coloured mounting device, 1gang, order no. 4540 ..., see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
polar white matt	<b>1170 19 09</b>	10
anthracite matt	<b>1170 16 06</b>	10
aluminium matt, lacquered	<b>1170 14 04</b>	10

**Modul 2**

white glossy <sup>1)</sup>	# <b>1170 02</b>	10
polar white glossy <sup>1)</sup>	# <b>1170 09</b>	10

**Berker Q.1/Q.3**

polar white velvety	<b>1170 60 89</b>	10
anthracite velvety, lacquered	* <b>1170 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1170 70 09</b>	10
anthracite matt, lacquered	<b>1170 70 06</b>	10
aluminium matt, lacquered	* <b>1170 70 03</b>	10
stainless steel matt, lacquered	<b>1170 70 04</b>	10

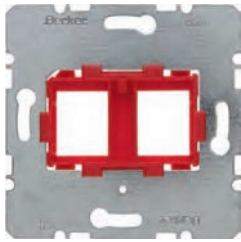
**Berker R.1/R.3**

polar white glossy, without labelling field	* <b>1170 20 89</b>	10
black glossy, without labelling field	* <b>1170 20 45</b>	10



<sup>1)</sup> labelling field height arranged for 9 mm P-touch strips





**Supporting plate with red mounting device  
2gang for modular jacks**

Indexing dimension (W x H)  $\approx 15.5 \times 19.5$  mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- without spreader claws

**MANUFACTURER: PRODUCT LINE**

**Modular jacks**

Abitana  
AMP  
Assmann  
Asyco  
Dätwyler  
Dr. Ing. Sieger  
EFB Electronic  
Erni  
Hubbell  
ICS  
Leoni Kerpen  
Nexans  
Premium Line Systems  
Radiall  
Rutenbeck  
Setec  
Telegärtner  
ZA-Tec

**ART. NO.**

DESIGN

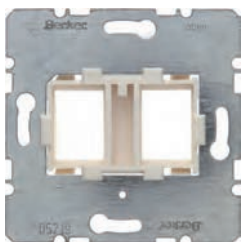
ORDER NO.

PU

Supporting plate with red mounting device 2gang for modular jacks

**4541 01**

10



**Supporting plate with white mounting device  
2gang for modular jacks**

Indexing dimension (W x H)  $\approx 14.9 \times 20.7$  mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- without spreader claws

**MANUFACTURER: PRODUCT LINE**

**Modular jacks**

AMP  
Brand-Rex  
CobiNet  
EFB Electronic

**ART. NO.**

DESIGN

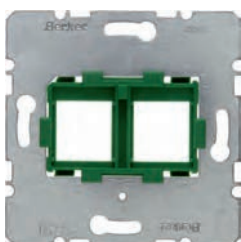
ORDER NO.

PU

Supporting plate with white mounting device 2gang for modular jacks

**4541 05**

10



**Supporting plate with green mounting device  
2gang for modular jacks**

Indexing dimension (W x H)  $\approx 17 \times 18$  mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- for Commscope-Systimax Modular Jacks cat.5 and cat.6
- without spreader claws

**MANUFACTURER: PRODUCT LINE**

**Modular jacks**

Commscope-Systimax: gigaSpeed

PowerSUM

MGS300BH-...  
MGS400-...  
MGS500-...  
MPS100E-...

**ART. NO.**

DESIGN

ORDER NO.

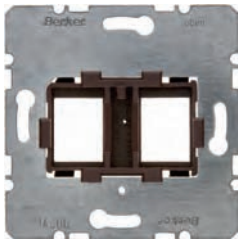
PU

Supporting plate with green mounting device 2gang for modular jacks

**4541 04**

10





**Supporting plate with brown mounting device 2gang for modular jacks**

Indexing dimension (W x H) ≈ 14.9 x 19.5 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- for Krone modular jacks cat.5, cat.5e and cat.6
- without spreader claws

**MANUFACTURER: PRODUCT LINE ART. NO.**

**Modular jacks**

Harting  
Krone  
Reichle&De-Massari  
Thomas & Betts

**Fibre-optic couplings**

3M  
Krone  
mvk

DESIGN	ORDER NO.	PU
Supporting plate with brown mounting device 2gang for modular jacks	<b>4541 07</b>	10



**Supporting plate with orange mounting device 2gang for modular jacks**

Indexing dimension (W x H) ≈ 14.9 x 19.4 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- without spreader claws

**MANUFACTURER: PRODUCT LINE ART. NO.**

**Modular jacks**

BTR  
Dätwyler

DESIGN	ORDER NO.	PU
Supporting plate with orange mounting device 2gang for modular jacks	<b>4541 09</b>	10



**Centre plate with 2 dust protection sliders**

**- Labelling field**



- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ... see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>1181 89 82</b>	10
polar white glossy	<b>1181 89 89</b>	10
polar white matt	<b>1181 19 09</b>	10
anthracite matt	<b>1181 16 06</b>	10
aluminium matt, lacquered	<b>1181 14 04</b>	10

**Modul 2**

white glossy <sup>1)</sup>	# <b>1181 02</b>	10
polar white glossy <sup>1)</sup>	# <b>1181 09</b>	10

**Berker Q.1/Q.3**

polar white velvety	<b>1181 60 89</b>	10
anthracite velvety, lacquered	* <b>1181 60 86</b>	10

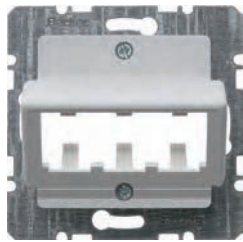
**Berker K.1/K.5**

polar white glossy	<b>1182 70 09</b>	10
anthracite matt, lacquered	<b>1182 70 06</b>	10
aluminium matt, lacquered	* <b>1182 70 03</b>	10
stainless steel matt, lacquered	<b>1182 70 04</b>	10



DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
white glossy	<b>1182 00 02</b>	10
polar white glossy	<b>1182 00 69</b>	10
brown glossy	<b>1182 00 01</b>	10
light bronze matt, lacquered	<b>1182 90 11</b>	10
stainless steel matt, lacquered	<b>1182 90 04</b>	10
<b>Berker R.1/R.3</b>		
polar white glossy, without labelling field	* <b>1181 20 89</b>	10
black glossy, without labelling field	* <b>1181 20 45</b>	10

<sup>1)</sup>labelling field height arranged for 9 mm P-touch strips



### Central plate for 3 MINI-COM modules

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!

Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com HDMI™ module, double socket 1.3, type A
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com USB modules, double socket type A, USB 2.0 compliant
- for Mini-Com dummy modules 1gang
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
S-Video module	199 ..	625

MANUFACTURER: PRODUCT LINE	ART. NO.
Modules Panduit	

DESIGN	ORDER NO.	PU
white glossy	<b>1427 02</b>	10
polar white glossy	<b>1427 09</b>	10
polar white matt/velvety	<b>1427 19 09</b>	10
anthracite matt	<b>1427 16 06</b>	10
aluminium matt, lacquered	<b>1427 14 04</b>	10



### Central plate for Reichle&De-Massari single modules

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!

Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for connecting modules RJ45 cat.5e and cat.6
- for fibre-optic modules
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

MANUFACTURER: PRODUCT LINE	ART. NO.
Modules Reichle&De-Massari	

DESIGN	ORDER NO.	PU
white glossy	<b>1472 02</b>	10
polar white glossy	<b>1472 09</b>	10
polar white matt/velvety	<b>1472 19 09</b>	10
anthracite matt	<b>1472 16 06</b>	10
aluminium matt, lacquered	<b>1472 14 04</b>	10



**Central plate for Reichle&De-Massari double module**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for connecting modules RJ45 cat.5e and cat.6
- for fibre-optic modules
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

**MANUFACTURER: PRODUCT LINE** **ART. NO.**

**Modules**  
Reichle&De-Massari  
Diamond

DESIGN	ORDER NO.	PU
white glossy	<b>1461 02</b>	10
polar white glossy	<b>1461 09</b>	10
polar white matt/velvety	<b>1461 19 09</b>	10



**Central plate 2gang for AMP jacks**

Indexing dimension (W x H)  $\approx 14.7 \times 20.7$  mm

Shielded versions touch each other.

For detailed information on relevant articles of the listed manufacturers, please see Berker online catalogue.

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- for AMP fibre-optic couplings MT-RJ jacks
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

**MANUFACTURER: PRODUCT LINE** **ART. NO.**

**SL series toolless jack with dust protection**  
AMP  
**Standard 110 Connect jack**  
AMP  
**MT-RJ jack**  
AMP  
Intracom  
Telena  
**SL series 110 Connect Jack**  
AMP  
**Modular jacks**  
CobiNet  
EFB Electronic  
Schumann  
**SL series toolless jack**  
AMP

DESIGN	ORDER NO.	PU
white glossy	<b>1463 02</b>	10
polar white glossy	<b>1463 09</b>	10
polar white matt/velvety	<b>1463 19 09</b>	10
anthracite matt	<b>1463 16 06</b>	10
aluminium matt, lacquered	<b>1463 14 04</b>	10





### Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

**Caution!**  
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for Krone modular jacks cat.5, cat.5e and cat.6
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- with 30° oblique outlet
- without spreader claws

**MANUFACTURER: PRODUCT LINE** **ART. NO.**

#### Modular jacks

3M  
Assmann  
Asyco  
Dätwyler  
Erni  
Harting  
Hubbell  
ICS  
Krone  
Leoni Kerpen  
Nexans  
Premium Line Systems  
Setec  
Telegärtner  
Thomas & Betts

DESIGN	ORDER NO.	PU
white glossy	<b>1464 02</b>	10
polar white glossy	<b>1464 09</b>	10
polar white matt/velvety	<b>1464 19 09</b>	10
anthracite matt	<b>1464 16 06</b>	10
aluminium matt, lacquered	<b>1464 14 04</b>	10

### Mounting device for fibre-optic couplings



### Central plate for fibre-optic couplings Simplex ST

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

**Caution!**  
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for 2 fibre-optic couplings
- with 30° oblique outlet
- without spreader claws

**MANUFACTURER: PRODUCT LINE** **ART. NO.**

#### Fibre-optic couplings

Ackermann  
AMP  
Brand-Rex  
BTR  
CobiNet  
Corning  
Diamond  
Drahtex  
Huber+Suhner  
Quante  
Telegärtner

DESIGN	ORDER NO.	PU
white glossy, 2gang	<b>1492 02</b>	10
polar white glossy, 2gang	<b>1492 09</b>	10
polar white matt/velvety, 2gang	<b>1492 19 09</b>	10



**Central plate for fibre-optic couplings Duplex SC**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for 1 or 2 fibre-optic couplings
- with 30° oblique outlet
- 1 knock out opening
- without spreader claws

**MANUFACTURER: PRODUCT LINE**

**ART. NO.**

**Fibre-optic couplings**

- Ackermann
- AMP
- Brand-Rex
- BTR
- CobiNet
- Corning
- Diamond
- Drahtex
- FiberCraft
- Huber+Suhner
- Krone
- Quante
- Telegärtner

DESIGN	ORDER NO.	PU
white glossy	<b>1480 02</b>	10
polar white glossy	<b>1480 09</b>	10
polar white matt/velvety	<b>1480 19 09</b>	10

**SUPPLEMENTARY PRODUCTS**

**Cable outlets**

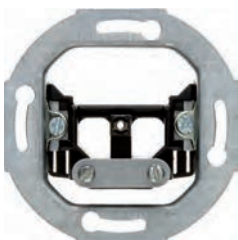


**Cable outlet**

- with strain relief
- for lines dia. max. 9 mm
- without terminal block



DESIGN	ORDER NO.	PU
Cable outlet	<b>4470</b>	10



**Cable outlet with low installation depth**

- with strain relief
- for lines dia. max. 9 mm
- space-saving for relays, etc.
- without terminal block



DESIGN	ORDER NO.	PU
Cable outlet with low installation depth	<b>4468</b>	10





**Centre plate for cable outlet**

■ with an outlet below

**MANUFACTURER: PRODUCT LINE**

**VDo connector boxes**

Komos  
Rutenbeck  
Telena

**ART. NO.**

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7**

white glossy	<b>1019 89 82</b>	10
polar white glossy	<b>1019 89 89</b>	10
polar white matt	<b>1019 19 09</b>	10
anthracite matt	<b>1019 16 06</b>	10
aluminium matt, lacquered	<b>1019 14 04</b>	10

**Modul 2**

white glossy	# <b>1019 02</b>	10
polar white glossy	# <b>1019 09</b>	10



NEW



**Berker Q.1/Q.3**

polar white velvety	<b>1019 60 89</b>	10
anthracite velvety, lacquered	* <b>1019 60 86</b>	10

NEW



**Berker K.1/K.5**

polar white glossy	<b>1005 70 09</b>	10
anthracite matt, lacquered	<b>1005 70 06</b>	10
aluminium matt, lacquered	* <b>1005 70 03</b>	10
stainless steel matt, lacquered	<b>1005 70 04</b>	10

**Berker Arsys**

white glossy	<b>1005 00 02</b>	10
polar white glossy	<b>1005 00 69</b>	10
brown glossy	<b>1005 00 01</b>	10
light bronze matt, lacquered	<b>1004 90 11</b>	10
stainless steel matt, lacquered	<b>1004 90 04</b>	10

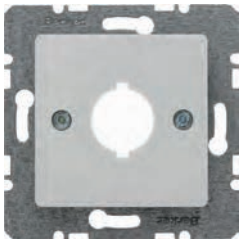
NEW



**Berker R.1/R.3**

polar white glossy	* <b>1019 20 89</b>	10
black glossy	* <b>1019 20 45</b>	10

Covers of external circular plug-in connectors



**Central plate with installation opening Ø 18.8 mm**

Screw spacing 36 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- with cut-out dia. 18.8 mm
- labelling field latchable
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
optional		
Built-in socket for floating output	4604	724

**MANUFACTURER: PRODUCT LINE ART. NO.**

**Circular plug-in connector**

- Amphenol-Tuchel
- Binder
- Cannon
- Farnell
- Hirose
- Hirschmann
- Lumberg
- Monacor
- RS Components

**Signalling and command units**

- Lumitas
- Schlegel

**Extra low voltage jack**

- PRO-CAR

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7, Modul 2, Q.1/Q.3, K.1/K.5 - Stainless Steel, Arsys</b>		
white glossy	1431 02	10
polar white glossy	1431 09	10
polar white matt/velvety	1431 19 09	10
anthracite matt	1431 16 06	10
aluminium matt, lacquered	1431 14 04	10
stainless steel matt, lacquered	1431 04	10
<b>Berker K.5 - Aluminium</b>		
aluminium matt, lacquered	* 1431 70 03	10



**Central plate with installation opening Ø 22.5 mm**

Screw spacing 36 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

- with supporting plate
- with cut-out dia. 22.5 mm
- labelling field latchable
- without spreader claws

**MANUFACTURER: PRODUCT LINE ART. NO.**

**Signalling and command units**

- Kraus-Naimer
- Lumitas
- Schlegel

**Overvoltage protection devices**

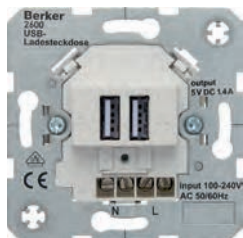
- Dehn
- OBO-Bettermann

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7, Modul 2, Q.1/Q.3, K.1/K.5 - Stainless Steel, Arsys</b>		
white glossy	1432 02	10
polar white glossy	1432 09	10
polar white matt/velvety	1432 19 09	10
yellow glossy	1432 07	10
aluminium matt, lacquered	1432 14 04	10
anthracite matt	1432 16 06	10
stainless steel matt, lacquered	1432 04	10
<b>Berker K.5 - Aluminium</b>		
aluminium matt, lacquered	* 1432 70 03	10



DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy	★ 1432 20 89	10
black glossy	★ 1432 20 45	10
yellow glossy	★ 1432 20 06	10

## USB CHARGING SOCKET OUTLETS



### 230 V USB charging socket outlet

#### - Screw terminals



Input voltage	100 ... 240 V~
Frequency	50/60 Hz
Output voltage	5 V= (± 5 %)
Output current per socket	max. 1 A
Output current when operating both sockets	max. 1.4 A
Power consumption (standby)	75 mW
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>
Insertion depth	32 mm

- for charging mobile end devices via USB cable
- with 2 USB sockets type A
- short-circuit and overload proof (electronic fuse)
- with screw terminals (double for wiring through)

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with TAE cut-out		page 176

No data transmission possible!  
USB connections according to DIN EN 50558



DESIGN	ORDER NO.	PU
polar white matt	2600 09	1
anthracite matt	2600 05	1



### Centre plate with TAE cut-out

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	1033 89 12	10
polar white glossy	1033 89 19	10
polar white matt, with 2 knock out openings	1033 19 09	10
anthracite matt, with 2 knock out openings	1033 16 06	10
aluminium matt, lacquered, with 2 knock out openings	1033 14 04	10

#### Modul 2

white glossy	# 1033 02	10
polar white glossy	# 1033 09	10



<b>Berker Q.1/Q.3</b>		
polar white velvety	1033 60 89	10
anthracite velvety, lacquered	★ 1033 60 86	10



<b>Berker K.1/K.5</b>		
polar white glossy	1035 70 09	10
anthracite matt, lacquered	1035 70 06	10
Aluminium, aluminium anodised	★ 1035 70 03	10
Stainless steel, metal matt finish	1035 70 04	10



<b>Berker Arsys</b>		
white glossy	1035 01 02	10
polar white glossy	1035 01 69	10
brown glossy	1035 01 01	10
light bronze matt, aluminium lacquered	1034 00 01	10
Stainless steel, metal matt finish	1034 00 04	10
gold matt, aluminium anodised	1034 00 02	10





DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy	* 1038 20 89	10
black glossy	* 1038 20 45	10

**MULTIMEDIA**

**Audio socket outlets**

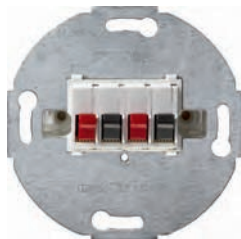


**Loudspeaker connection box**

Rated voltage	60 V=	■ with plug-in terminals (on backside with screw terminals)	
Conductor cross-section	max. 10 mm <sup>2</sup>		
	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
	Centre plate with TAE cut-out		page 177
			page
		<b>i 911</b>	



DESIGN	ORDER NO.	PU
polar white matt	4572 09	10
anthracite matt	4572 05	10



**Stereo loudspeaker connection box**

Rated voltage	60 V=	■ with plug-in terminals (on backside with screw terminals)	
Conductor cross-section	max. 10 mm <sup>2</sup>		
	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
	Centre plate with TAE cut-out		page 177
			page
		<b>i 911</b>	



DESIGN	ORDER NO.	PU
polar white matt	4573 09	10
anthracite matt	4573 05	10



**Centre plate with TAE cut-out**

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	1033 89 12	10
polar white glossy	1033 89 19	10
polar white matt, with 2 knock out openings	1033 19 09	10
anthracite matt, with 2 knock out openings	1033 16 06	10
aluminium matt, lacquered, with 2 knock out openings	1033 14 04	10
<b>Modul 2</b>		
white glossy	# 1033 02	10
polar white glossy	# 1033 09	10



<b>Berker Q.1/Q.3</b>		
polar white velvety	1033 60 89	10
anthracite velvety, lacquered	* 1033 60 86	10



<b>Berker K.1/K.5</b>		
polar white glossy	1035 70 09	10
anthracite matt, lacquered	1035 70 06	10
Aluminium, aluminium anodised	* 1035 70 03	10
Stainless steel, metal matt finish	1035 70 04	10

DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
white glossy	<b>1035 01 02</b>	10
polar white glossy	<b>1035 01 69</b>	10
brown glossy	<b>1035 01 01</b>	10
light bronze matt, aluminium lacquered	<b>1034 00 01</b>	10
Stainless steel, metal matt finish	<b>1034 00 04</b>	10
gold matt, aluminium anodised	<b>1034 00 02</b>	10
<b>Berker R.1/R.3</b>		
polar white glossy	★ <b>1038 20 89</b>	10
black glossy	★ <b>1038 20 45</b>	10



**Loudspeaker socket outlet High End**

Clamp transition resistance	< 0.1 mΩ	■ banana sockets also suitable for screw connection
Connect transition resistance	< 0.15 mΩ	■ with 2 metal banana sockets, gold-plated design
Conductor cross-section	max. 10 mm <sup>2</sup>	■ with 2 metal banana plugs, gold-plated design
Insertion depth	31 mm	■ with 2 metal cable lugs, gold-plated design

Recommendation: use deep box for larger cross-sections.

**i 911**

Jack and plug with red or black identification ring, as well as a plug connection are suitable for protection low voltage.



DESIGN	ORDER NO.	PU
Loudspeaker socket outlet High End	<b>4505 02</b>	10



**Stereo loudspeaker socket outlet**

Conductor cross-section	max. 2.5 mm <sup>2</sup>	■ with 2 integral speaker sockets
		■ with screw terminals

For only 1 loudspeaker socket, use miniature connector insert order no. 4505 and loudspeaker socket order no. 1800.  
DIN EN 60130-9

**i 911**



DESIGN	ORDER NO.	PU
Stereo loudspeaker socket outlet	<b>4505 01</b>	10



**Loudspeaker socket**

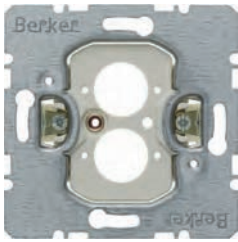
Conductor cross-section	max. 2.5 mm <sup>2</sup>	■ for miniature connector insert
		■ with screw terminals

DIN EN 60130-9

**i 911**



DESIGN	ORDER NO.	PU
black	<b>1800</b>	10



**Entry for small connector**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.  
For flange cover with 22.2 mm hole pitch to according to DIN 41529

- for 1 or 2 connectors
- for diode plug-in devices
- for miniature plug-in devices
- for loudspeaker sockets

**MANUFACTURER: PRODUCT LINE** **ART. NO.**

**Circular plug-in connector**

Cannon  
Conrad Electronic  
Dr. Ing. Sieger  
Farnell  
Hirschmann  
Lumberg  
Monacor  
RS Components

DESIGN	ORDER NO.	PU
Entry for small connector	<b>4505</b>	10



**Centre plate for loudspeaker socket outlet**

- 1 knock out opening

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>1196 89 82</b>	10
polar white glossy	<b>1196 89 89</b>	10
polar white matt	<b>1196 19 09</b>	10
anthracite matt	<b>1196 16 06</b>	10
aluminium matt, lacquered	<b>1196 14 04</b>	10

**Modul 2**

white glossy	# <b>1196 02</b>	10
polar white glossy	# <b>1196 09</b>	10

**Berker Q.1/Q.3**

polar white velvety	<b>1196 60 89</b>	10
anthracite velvety, lacquered	* <b>1196 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1184 70 09</b>	10
anthracite matt, lacquered	<b>1184 70 06</b>	10
Aluminium, aluminium anodised	* <b>1184 70 03</b>	10
Stainless steel, metal matt finish	<b>1184 70 04</b>	10

**Berker Arsys**

light bronze matt, aluminium lacquered	<b>1184 00 01</b>	10
Stainless steel, metal matt finish	<b>1184 00 04</b>	10
gold matt, aluminium anodised	<b>1184 00 02</b>	10

**Berker R.1/R.3**

polar white glossy	* <b>1196 20 89</b>	10
black glossy	* <b>1196 20 45</b>	10





**Centre plate for loudspeaker socket outlet**

**- Labelling field**

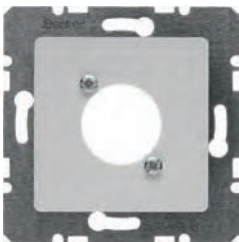


Labelling field height arranged for P-touch strips 6 mm.

- 1 knock out opening

DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
white glossy	<b>1185 00 02</b>	10
polar white glossy	<b>1185 00 69</b>	10
brown glossy	<b>1185 00 01</b>	10

**Covers of external audio sockets**



**Central plate for XLR D-series connector**

Cut-out Ø 23.6 mm  
Screw spacing (horizontal/vertical) 19/24 mm

- with supporting plate
- speakon and jack connector
- labelling field latchable
- without spreader claws

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

**MANUFACTURER: PRODUCT LINE ART. NO.**

**Circular plug-in connector**

Cannon  
Deltron  
Farnell  
Hirose  
Monacor  
Neutrik  
RS Components

DESIGN	ORDER NO.	PU
white glossy	<b>1412 02</b>	10
polar white glossy	<b>1412 09</b>	10
polar white matt/velvety	<b>1412 19 09</b>	10
anthracite matt	<b>1412 16 06</b>	10

**Video socket outlets**



**VGA socket outlet**

Frequency range video max. 160 MHz  
Resolution max. 1280 x 1024 px

- S-VGA compatible
- with 15pole D-subminiature double jack
- without spreader claws

For connecting PCs, notebooks, etc. to display devices such as monitors (including LCD monitors) and projectors.  
Fränkische: "Multimedia-Rohr" for laying pre-assembled connection cable, Art. No. 294.10.092.

**i 970**

Installation recommendation:  
Kaiser: "Electronic-Dose" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74.  
Comply with the instructions of the cable and device manufacturers as to the maximum VGA cable length.

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>33 1540 89 82</b>	10
polar white glossy	<b>33 1540 89 89</b>	10
polar white matt	<b>33 1540 19 09</b>	10
anthracite matt	<b>33 1540 16 06</b>	10
aluminium matt, lacquered	<b>33 1540 14 04</b>	10
<b>Modul 2</b>		
white glossy	<b># 3315 40 02</b>	10
polar white glossy	<b># 3315 40 09</b>	10





DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>33 1540 60 89</b>	10
anthracite velvety, lacquered	* <b>33 1540 60 86</b>	10
<b>Berker K.1/K.5</b>		
polar white glossy	<b>33 1540 70 09</b>	10
anthracite matt, lacquered	<b>33 1540 70 06</b>	10
aluminium matt, lacquered	* <b>33 1540 70 03</b>	10
stainless steel matt, lacquered	<b>33 1540 70 04</b>	10
<b>Berker Arsys</b>		
white glossy	<b>33 1540 00 02</b>	10
polar white glossy	<b>33 1540 00 69</b>	10
light bronze matt, lacquered	<b>33 1540 90 11</b>	10
stainless steel matt, lacquered	<b>33 1540 90 04</b>	10
<b>Berker R.1/R.3</b>		
VGA socket outlet, polar white glossy	* <b>33 1540 20 89</b>	10
VGA socket outlet, black glossy	* <b>33 1540 20 45</b>	10



**VGA socket outlet**  
- Screw-in lift terminals



Frequency range video	max. 160 MHz
Resolution	max. 1280 x 1024 px
Conductor cross-section	max. 1.5 mm <sup>2</sup>

- S-VGA compatible
- with 15pole D-subminiature jack (front)
- without spreader claws
- with screw-in lift terminals for connection to 15-core VGA cable

**i 970**

For connecting PCs, notebooks, etc. to display devices such as monitors (including LCD monitors) and projectors.

Fränkische: "Multimedia-Rohr" for laying pre-assembled connection cable, Art. No. 294.10.092.

Installation recommendation:  
Kaiser: "Electronic-Dose" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74.

Comply with the instructions of the cable and device manufacturers as to the maximum VGA cable length.

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>33 1541 89 82</b>	10
polar white glossy	<b>33 1541 89 89</b>	10
polar white matt	<b>33 1541 19 09</b>	10
anthracite matt	<b>33 1541 16 06</b>	10
aluminium matt, lacquered	<b>33 1541 14 04</b>	10



<b>Modul 2</b>		
white glossy	# <b>3315 41 02</b>	10
polar white glossy	# <b>3315 41 09</b>	10
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>33 1541 60 89</b>	10
anthracite velvety, lacquered	* <b>33 1541 60 86</b>	10



DESIGN	ORDER NO.	PU
<b>Berker K.1/K.5</b>		
polar white glossy	33 1541 70 09	10
anthracite matt, lacquered	33 1541 70 06	10
aluminium matt, lacquered	* 33 1541 70 03	10
stainless steel matt, lacquered	33 1541 70 04	10
<b>Berker Arsys</b>		
white glossy	33 1541 00 02	10
polar white glossy	33 1541 00 69	10
light bronze matt, lacquered	33 1541 90 11	10
stainless steel matt, lacquered	33 1541 90 04	10
<b>Berker R.1/R.3</b>		
polar white glossy	* 33 1541 20 89	10
black glossy	* 33 1541 20 45	10

### Multimedia sockets



#### 3 x Cinch/S-Video socket outlet

Frequency range audio 20 ... 20000 Hz  
Frequency range video max. 160 MHz

Fränkische: "Multimedia-Rohr" for laying pre-assembled connection cable, Art. No. 294.10.092.

for connecting analogue audio and video devices such as receivers, hi-fi systems and DVD players.

- gold-plated contacts
- without spreader claws
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack

**i** 973

Installation recommendation:  
Kaiser: "Electronic-Dose" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74.

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	33 1532 89 82	10
polar white glossy	33 1532 89 89	10
polar white matt	33 1532 19 09	10
anthracite matt	33 1532 16 06	10
aluminium matt, lacquered	33 1532 14 04	10
<b>Modul 2</b>		
white glossy	# 3315 32 02	10
polar white glossy	# 3315 32 09	10
<b>Berker Q.1/Q.3</b>		
polar white velvety	33 1532 60 89	10
anthracite velvety, lacquered	* 33 1532 60 86	10
<b>Berker K.1/K.5</b>		
polar white glossy	33 1532 70 09	10
anthracite matt, lacquered	33 1532 70 06	10
aluminium matt, lacquered	* 33 1532 70 03	10
stainless steel matt, lacquered	33 1532 70 04	10
<b>Berker Arsys</b>		
white glossy	33 1532 00 02	10
polar white glossy	33 1532 00 69	10
light bronze matt, lacquered	33 1532 90 11	10
stainless steel matt, lacquered	33 1532 90 04	10





DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy	* 33 1532 20 89	10
black glossy	* 33 1532 20 45	10



**High definition socket outlet**

Frequency range (vertical)	50 ... 85 Hz	■ gold-plated contacts
Video bandwidth	max. 165 MHz	■ without spreader claws
Resolution	max. 1920 x 1080 px	■ with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
Transmission rate	max. 8.16 Gbit/s	

Fränkische: "Multimedia-Rohr" for laying pre-assembled connection cable, Art. No. 294.10.092.

**i 973**

For the connection of digital devices for transmission of high-resolution audio and video signals, such as satellite receivers and DVD players, to LCD or plasma screens.

Installation recommendation:  
Kaiser: "Electronic-Dose" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74.

Comply with the instructions of the cable and device manufacturers as to the maximum HDMI cable length.

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	33 1542 89 82	10
polar white glossy	33 1542 89 89	10
polar white matt	33 1542 19 09	10
anthracite matt	33 1542 16 06	10
aluminium matt, lacquered	33 1542 14 04	10
<b>Modul 2</b>		
white glossy	# 3315 42 02	10
polar white glossy	# 3315 42 09	10



<b>Berker Q.1/Q.3</b>		
polar white velvety	33 1542 60 89	10
anthracite velvety, lacquered	* 33 1542 60 86	10



<b>Berker K.1/K.5</b>		
polar white glossy	33 1542 70 09	10
anthracite matt, lacquered	33 1542 70 06	10
aluminium matt, lacquered	* 33 1542 70 03	10
stainless steel matt, lacquered	33 1542 70 04	10



<b>Berker Arsys</b>		
white glossy	33 1542 00 02	10
polar white glossy	33 1542 00 69	10
light bronze matt, lacquered	33 1542 90 11	10
stainless steel matt, lacquered	33 1542 90 04	10



<b>Berker R.1/R.3</b>		
High definition socket outlet, polar white glossy	* 33 1542 20 89	10
High definition socket outlet, black glossy	* 33 1542 20 45	10



**High definition socket outlet with 90° plug connection**

Frequency range (vertical)	50 ... 85 Hz
Video bandwidth	max. 165 MHz
Resolution	max. 1920 x 1080 px
Transmission rate	max. 8.16 Gbit/s

- gold-plated contacts
- without spreader claws
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

Fränkische: "Multimedia-Rohr" for laying pre-assembled connection cable, Art. No. 294.10.092.

**i 973**

For the connection of digital devices for transmission of high-resolution audio and video signals, such as satellite receivers and DVD players, to LCD or plasma screens.

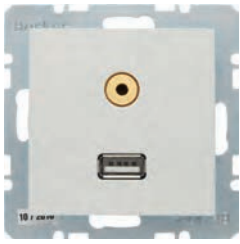
Installation recommendation:  
Kaiser: "Electronic-Dose" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74.

Comply with the instructions of the cable and device manufacturers as to the maximum HDMI cable length.



DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>33 1543 89 82</b>	10
polar white glossy	<b>33 1543 89 89</b>	10
polar white matt	<b>33 1543 19 09</b>	10
anthracite matt	<b>33 1543 16 06</b>	10
aluminium matt, lacquered	<b>33 1543 14 04</b>	10
<b>Modul 2</b>		
white glossy	# <b>3315 43 02</b>	10
polar white glossy	# <b>3315 43 09</b>	10
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>33 1543 60 89</b>	10
anthracite velvety, lacquered	* <b>33 1543 60 86</b>	10
<b>Berker K.1/K.5</b>		
polar white glossy	<b>33 1543 70 09</b>	10
anthracite matt, lacquered	<b>33 1543 70 06</b>	10
aluminium matt, lacquered	* <b>33 1543 70 03</b>	10
stainless steel matt, lacquered	<b>33 1543 70 04</b>	10
<b>Berker Arsys</b>		
white glossy	<b>33 1543 00 02</b>	10
polar white glossy	<b>33 1543 00 69</b>	10
light bronze matt, lacquered	<b>33 1543 90 11</b>	10
stainless steel matt, lacquered	<b>33 1543 90 04</b>	10
<b>Berker R.1/R.3</b>		
polar white glossy	* <b>33 1543 20 89</b>	10
black glossy	* <b>33 1543 20 45</b>	10





**USB/3.5 mm audio socket outlet**

Frequency range audio 20 ... 20000 Hz  
 USB transmission rate max. 480 Mbit/s

- without spreader claws
- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

Fränkische: "Multimedia-Rohr" for laying pre-assembled connection cable, Art. No. 294.10.092.

**i 973**

For connecting mobile devices, such as mobile phones or MP3 players (mini audio), digital cameras and computer peripherals (USB 2.0).

Installation recommendation:  
 Kaiser: "Electronic-Dose" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74.

Comply with the instructions of the cable and device manufacturers as to the maximum USB cable length.

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>33 1539 89 82</b>	10
polar white glossy	<b>33 1539 89 89</b>	10
polar white matt	<b>33 1539 19 09</b>	10
anthracite matt	<b>33 1539 16 06</b>	10
aluminium matt, lacquered	<b>33 1539 14 04</b>	10
<b>Modul 2</b>		
white glossy	# <b>3315 39 02</b>	10
polar white glossy	# <b>3315 39 09</b>	10
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>33 1539 60 89</b>	10
anthracite velvety, lacquered	* <b>33 1539 60 86</b>	10
<b>Berker K.1/K.5</b>		
polar white glossy	<b>33 1539 70 09</b>	10
anthracite matt, lacquered	<b>33 1539 70 06</b>	10
aluminium matt, lacquered	* <b>33 1539 70 03</b>	10
stainless steel matt, lacquered	<b>33 1539 70 04</b>	10
<b>Berker Arsys</b>		
white glossy	<b>33 1539 00 02</b>	10
polar white glossy	<b>33 1539 00 69</b>	10
light bronze matt, lacquered	<b>33 1539 90 11</b>	10
stainless steel matt, lacquered	<b>33 1539 90 04</b>	10
<b>Berker R.1/R.3</b>		
polar white glossy	* <b>33 1539 20 89</b>	10
black glossy	* <b>33 1539 20 45</b>	10



CONSUMER ELECTRONICS

Radios



**Berker Radio Touch**

Operating voltage	230 V~	■ stereo FM radio with RDS display
Frequency	50/60 Hz	■ with one loudspeaker
Frequency range	87.5 ... 108 MHz	■ illuminated touch graphics display
For loudspeakers	per channel 4 ... 8 Ω	■ time and date display
Conductor cross-section	max. 2.5 mm <sup>2</sup>	■ operation via sensor areas of the touch display
Dimensions of display (W x H)	35 x 28 mm	■ manual and automatic station search
Insertion depth	33 mm	■ 8 station memory, non-volatile
		■ switch-on with last station
		■ countdown
		■ volume control
		■ sleep timer
		■ alarm clock
		■ external audio input, e.g. for MP3 player or docking station
		■ connection for a second speaker
		■ extension unit input for separate on/off switching
		■ single and combination installation
		■ with screw terminals

**SUITABLE FOR optional**

Loudspeaker	page 186
Docking stations	page 187

DESIGN

**Berker S.1/B.3/B.7**

	ORDER NO.	PAGE
polar white glossy	<b>2880 89 89</b>	1
polar white matt	<b>2880 99 09</b>	1
stainless steel matt, lacquered	<b>2880 89 16</b>	1

**Modul 2**

polar white glossy	<b># 2880 09</b>	1
--------------------	------------------	---

**Berker Q.1/Q.3**

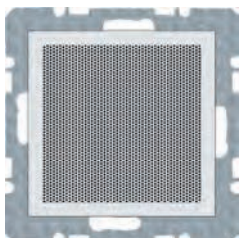
polar white velvety	<b>2880 60 89</b>	1
---------------------	-------------------	---

**Berker K.1/K.5**

polar white glossy	<b>2880 70 09</b>	1
aluminium matt, lacquered	<b>* 2880 70 03</b>	1
stainless steel matt, lacquered	<b>2880 70 04</b>	1

**Berker Arsys**

polar white glossy	<b>2880 00 69</b>	1
stainless steel matt, lacquered	<b>2880 00 04</b>	1



**Loudspeaker**

Impedance	8 Ω	■ without spreader claws
Nominal/music power handling	4/8 W	■ confectioned, with 2-core, double-insulated, flexible cable
Frequency response (-3 dB)	170 ... 20000 Hz	
Conductor cross-section (flexible)	0.75 mm <sup>2</sup>	<b>SUITABLE FOR</b>
Pre-assembled cable	≈ 0.3 m	Radios
Insertion depth	22.5 mm	Docking stations

**SUITABLE FOR**

Radios	page 186
Docking stations	page 187

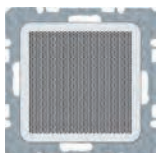
DESIGN

**Berker S.1/B.3/B.7**

	ORDER NO.	PAGE
polar white glossy	<b>2882 89 89</b>	1
polar white matt	<b>2882 99 09</b>	1
stainless steel matt, lacquered	<b>2882 89 16</b>	1

**Modul 2**

polar white glossy	<b># 2882 09</b>	1
--------------------	------------------	---





DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b> polar white velvety	<b>2882 60 89</b>	1
<b>Berker K.1/K.5</b> polar white glossy	<b>2882 70 09</b>	1
aluminium matt, lacquered	* <b>2882 70 03</b>	1
stainless steel matt, lacquered	<b>2882 70 04</b>	1
<b>Berker Arsys</b> polar white glossy	<b>2882 00 69</b>	1
stainless steel matt, lacquered	<b>2882 00 04</b>	1

**Docking stations**



**Docking station**

Operating voltage	230 V~	■ with 30pole plug connector for iPod and iPhone*
Frequency	50/60 Hz	■ buttons for volume control
Output voltage	max. 3.5 V	■ storage battery charging function for iPod and iPhone*
Number of loudspeakers (4 Ω)	1	■ AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
Number of loudspeakers (8 Ω)	2	■ stereo Line-Out for connection to the radio touch
Number of loudspeakers (20 Ω)	5	■ without spreader claws
Insertion depth	36 mm	■ with screw terminals

\* iPod and iPhone are registered trademarks of Apple Inc.  
Similar to illustration

SUITABLE FOR	ORDER NO.	PAGE
Radios		page 186
Loudspeaker		page 186

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b> polar white glossy	<b>2883 89 89</b>	1
polar white matt	<b>2883 99 09</b>	1
stainless steel matt, lacquered	<b>2883 89 16</b>	1

<b>Modul 2</b> polar white glossy	# <b>2883 09</b>	1
--------------------------------------	------------------	---

<b>Berker Q.1/Q.3</b> polar white velvety	<b>2883 60 89</b>	1
----------------------------------------------	-------------------	---

<b>Berker K.1/K.5</b> polar white glossy	<b>2883 70 09</b>	1
aluminium matt, lacquered	* <b>2883 70 03</b>	1
stainless steel matt, lacquered	<b>2883 70 04</b>	1

<b>Berker Arsys</b> polar white glossy	<b>2883 00 69</b>	1
stainless steel matt, lacquered	<b>2883 00 14</b>	1





SCHUKO SOCKET OUTLETS	190-198
INTERNATIONAL SOCKET OUTLET SYSTEMS	199-205
PUSH-BUTTONS	205
COVERS FOR SWITCHES/PUSH-BUTTONS	205-209
TIMERS	209-211
NEW ELECTRONICS PLATFORM	212
DIMMERS AND COVERS	213-214
BLC - BERKER LIGHT CONTROL	214
COVERS FOR BLIND SWITCHES/ PUSH-BUTTONS	214-216
ROLLOTEC	216-218
HVAC CONTROLLERS AND COVERS	218-221
COMMUNICATION/MULTIMEDIA TECHNOLOGY	222-227
CONSUMER ELECTRONICS	228
COVERS FOR PILOT LAMPS	228-229
SUPPLEMENTARY PRODUCTS	229-230
HOTEL APPLICATIONS	231
BARRIER-FREE CONSTRUCTION	231-232
HOSPITAL INSTALLATION	233-241

Variety was never easier to obtain. You can combine all the rockers, central inserts and frames of the switch programmes S.1, B.3 and B.7 however you desire. We'll be showing you the whole range of options on the following pages. Have fun selecting and combining!

■ Reduced stockholding due to use of rockers and central inserts from the S.1, B.3, B.7 design lines

#### COVERS/CENTRAL INSERTS

##### Plastic, matt

Polar white	similar to RAL 9010
Anthracite	similar to RAL 7021
Aluminium, lacquered	similar to RAL 9006
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003
Yellow	similar to RAL 1004

##### Plastic, glossy

White	similar to RAL 1013
Polar white	similar to RAL 9010
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003
Yellow	similar to RAL 1004

**SCHUKO SOCKET OUTLETS**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

**SCHUKO socket outlets**



**SCHUKO socket outlet**

Rated voltage 250 V~ ■ with plug-in terminals  
Rated current 16 A

**i 911**

DESIGN	ORDER NO.	PU
white glossy	<b>4743 89 82</b>	10
polar white glossy	<b>4743 89 89</b>	10
polar white matt	<b>4743 19 09</b>	10
anthracite matt	<b>4743 16 06</b>	10
aluminium matt, lacquered	<b>4743 14 04</b>	10



**SCHUKO socket outlet**

**- enhanced contact protection** ■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	<b>4723 89 82</b>	10
polar white glossy	<b>4723 89 89</b>	10
polar white matt	<b>4723 19 09</b>	10
anthracite matt	<b>4723 16 06</b>	10
aluminium matt, lacquered	<b>4723 14 04</b>	10



**SCHUKO socket outlet**

**- Screw-in lift terminals** ■ with screw-in lift terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	<b>4143 89 82</b>	10
polar white glossy	<b>4143 89 89</b>	10
polar white matt	<b>4143 19 09</b>	10
anthracite matt	<b>4143 16 06</b>	10
aluminium matt, lacquered	<b>4143 14 04</b>	10



**SCHUKO socket outlet**

**- enhanced contact protection** ■ with screw-in lift terminals  
**- Screw-in lift terminals**



**i 911**

Rated voltage 250 V~  
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	<b>4123 89 82</b>	10
polar white glossy	<b>4123 89 89</b>	10
polar white matt	<b>4123 19 09</b>	10
anthracite matt	<b>4123 16 06</b>	10
aluminium matt, lacquered	<b>4123 14 04</b>	10





**SCHUKO socket outlet**

- Labelling field

■ with plug-in terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	<b>4750 89 82</b>	10
polar white glossy	<b>4750 89 89</b>	10
polar white matt	<b>4750 19 09</b>	10
anthracite matt	<b>4750 16 06</b>	10
aluminium matt, lacquered	<b>4750 14 04</b>	10



**SCHUKO socket outlet**

- Labelling field

- enhanced contact protection

■ with plug-in terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	<b>4749 89 82</b>	10
polar white glossy	<b>4749 89 89</b>	10
polar white matt	<b>4749 19 09</b>	10
anthracite matt	<b>4749 16 06</b>	10
aluminium matt, lacquered	<b>4749 14 04</b>	10



S.1/B.x



**SCHUKO socket outlet**

- Labelling field

- enhanced contact protection

- Screw-in lift terminals

■ with screw-in lift terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	<b>4149 89 82</b>	10
polar white glossy	<b>4149 89 89</b>	10
polar white matt	<b>4149 19 09</b>	10
anthracite matt	<b>4149 16 06</b>	10
aluminium matt, lacquered	<b>4149 14 04</b>	10



**SCHUKO socket outlet 45°**

Rated voltage 250 V~  
Rated current 16 A

■ for diagonal installation  
■ with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

**i 911**

DESIGN	ORDER NO.	PU
white glossy	<b>4727 89 82</b>	10
polar white glossy	<b>4727 89 89</b>	10
polar white matt	<b>4727 19 09</b>	10
anthracite matt	<b>4727 16 06</b>	10
aluminium matt, lacquered	<b>4727 14 04</b>	10





**NEW**

**SCHUKO socket outlet with LED orientation light**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- through-wiring possible, therefore also ideal for retrofitting
- long service life of the LED
- white LED light
- with screw-in lift terminals

**i 911**

Caution!  
Items with special flush-mounted insert.  
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

DESIGN	ORDER NO.	PU
white glossy	* 4109 89 82	10
polar white glossy	* 4109 89 89	10
polar white matt	* 4109 19 09	10
anthracite matt, lacquered	* 4109 16 06	10
aluminium matt, lacquered	* 4109 14 04	10



**SCHUKO socket outlet with control LED**

- Labelling field
- enhanced contact protection
- Screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- with screw-in lift terminals

Labelling field height arranged for P-touch strips 6 mm.

**i 911**

DESIGN	ORDER NO.	PU
white glossy	4110 89 82	10
polar white glossy	4110 89 89	10
polar white matt	4110 19 09	10



**NEW**

**SCHUKO socket outlet with cover plate**

Rated voltage	250 V~
Rated current	16 A

- with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
<b>Berker S.1</b>		
white glossy	4742 89 82	10
polar white glossy	4742 89 89	10
polar white matt	4742 99 09	10
anthracite matt	* 4742 99 49	10
aluminium matt, lacquered	* 4742 99 39	10





NEW



**SCHUKO socket outlet with cover plate**

- enhanced contact protection

■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

DESIGN	ORDER NO.	PU
<b>Berker S.1</b>		
white glossy	<b>4722 89 82</b>	10
polar white glossy	<b>4722 89 89</b>	10
polar white matt	<b>4722 99 09</b>	10
anthracite matt	* <b>4722 99 49</b>	10
aluminium matt, lacquered	* <b>4722 99 39</b>	10



NEW



**Double SCHUKO socket outlet with cover plate**

Rated voltage 250 V~  
Rated current 16 A  
Assembling height 22 mm

■ with plug-in terminals

**i 911**

For installation in 1gang wall boxes according to according to DIN 49073-1

DESIGN	ORDER NO.	PU
<b>Berker S.1</b>		
white glossy	<b>4754 89 82</b>	10
polar white glossy	<b>4754 89 89</b>	10
polar white matt	<b>4754 99 09</b>	10
anthracite matt	* <b>4754 99 49</b>	10
aluminium matt, lacquered	* <b>4754 99 39</b>	10



S.1/B.x

NEW



**Double SCHUKO socket outlet with cover plate**

- enhanced contact protection

■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A  
Assembling height 22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1

DESIGN	ORDER NO.	PU
<b>Berker S.1</b>		
white glossy	<b>4729 89 82</b>	10
polar white glossy	<b>4729 89 89</b>	10
polar white matt	<b>4729 99 09</b>	10
anthracite matt	* <b>4729 99 49</b>	10
aluminium matt, lacquered	* <b>4729 99 39</b>	10





**Combination SCHUKO socket outlet 2gang with frame**

Rated voltage 250 V~ ■ 2 x 1gang, wired-through  
 Rated current 16 A ■ without spreader claws  
 ■ with plug-in terminals

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

**i 911**

DESIGN	ORDER NO.	PU
<b>Berker S.1</b>		
white glossy	<b>4720 89 82</b>	5
polar white glossy	<b>4720 89 89</b>	5
polar white matt	<b>4720 99 09</b>	5
anthracite matt	<b>* 4720 99 49</b>	5
aluminium matt, lacquered	<b>* 4720 99 39</b>	5



**3gang SCHUKO socket outlet with cover plate**

Rated voltage 250 V~ ■ common base, connected-through  
 Rated current 16 A ■ through-wiring possible  
 Installation time ≈ 2 min ■ without wall box  
 Conductor cross-section 2.5 mm<sup>2</sup> ■ without spreader claws  
 Pre-assembled cables ≈ 1 m ■ with plug-in terminals

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

**i 911**

DESIGN	ORDER NO.	PU
<b>Berker S.1</b>		
polar white matt	<b>4766 19 09</b>	5
anthracite matt	<b>* 4766 19 49</b>	5
aluminium matt, lacquered	<b>* 4766 19 39</b>	5



**SCHUKO socket outlets with hinged cover**



**SCHUKO socket outlet with hinged cover**

Rated voltage 250 V~ ■ with imprint  
 Rated current 16 A ■ with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
white glossy	<b>4751 89 82</b>	10
polar white glossy	<b>4751 89 89</b>	10
polar white matt	<b>4751 19 09</b>	10



**SCHUKO socket outlet with hinged cover**

- enhanced contact protection
- Installation position variable in 45° steps



Rated voltage 250 V~  
 Rated current 16 A

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

**i 911**

Specially suited to combinations of several socket outlets if right angle plugs are used.

DESIGN	ORDER NO.	PU
white glossy	<b>4744 89 82</b>	10
polar white glossy	<b>4744 89 89</b>	10
polar white matt	<b>4744 19 09</b>	10
anthracite matt	<b>4744 16 06</b>	10
aluminium matt, lacquered	<b>4744 14 04</b>	10





**SCHUKO socket outlet with hinged cover**

- Labelling field
- enhanced contact protection
- Installation position variable in 45° steps



Rated voltage 250 V~  
Rated current 16 A

**i 911**

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

DESIGN	ORDER NO.	PU
white glossy	<b>4746 89 82</b>	10
polar white glossy	<b>4746 89 89</b>	10
polar white matt	<b>4746 19 09</b>	10
anthracite matt	<b>4746 16 06</b>	10
aluminium matt, lacquered	<b>4746 14 04</b>	10



**SCHUKO socket outlets with safety device**



**SCHUKO socket outlet with overvoltage protection**

- Labelling field
- Screw terminals



Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A

**i 940**

Labelling field height arranged for P-touch strips 6 mm.

Overvoltage protection to according to EN 61643 and VDE 0675-6-11

- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals

DESIGN	ORDER NO.	PU
white glossy	<b>4108 89 82</b>	1
polar white glossy	<b>4108 89 89</b>	1
polar white matt	<b>4108 19 09</b>	1
anthracite matt	<b>4108 16 06</b>	1
aluminium matt, lacquered	<b>4108 14 04</b>	1



S.1/B.x



**SCHUKO socket outlet with residual current circuit-breaker**

- enhanced contact protection



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Trigger time	≤ 30 ms
Surge current resistance	250 A (8/20) μs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA

- type A for alternating currents and pulsating direct currents
- to protect connected and downstream loads
- with plug-in terminals

**i 967**

Through-wired socket outlets are also protected.  
Tested conform according to VDE 0664 (EN 61008)  
Suitable for use according to according to DIN VDE 0100-410

DESIGN	ORDER NO.	PU
white glossy	<b>4708 89 82</b>	1
polar white glossy	<b>4708 89 89</b>	1
polar white matt	<b>4708 19 09</b>	1



**SCHUKO socket outlets for special applications**



**SCHUKO socket outlet**

Rated voltage	250 V~
Rated current	16 A

- with plug-in terminals

Insert colour-coded.

**i 911**

DESIGN	ORDER NO.	PU
red glossy	<b>4743 89 12</b>	10
green glossy	<b>4743 89 13</b>	10
orange glossy	<b>4743 89 14</b>	10
red matt	<b>4743 19 12</b>	10
green matt	<b>4743 19 13</b>	10
orange matt	<b>4743 19 14</b>	10



**SCHUKO socket outlet**

- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A

- with plug-in terminals

Insert colour-coded.

**i 911**

DESIGN	ORDER NO.	PU
orange glossy	<b>4723 89 14</b>	10
orange matt	<b>4723 19 14</b>	10





**SCHUKO socket outlet**  
- Screw-in lift terminals

■ with screw-in lift terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.

DESIGN	ORDER NO.	PU
red glossy	<b>4143 89 12</b>	10
green glossy	<b>4143 89 13</b>	10
orange glossy	<b>4143 89 14</b>	10
red matt	<b>4143 19 12</b>	10
green matt	<b>4143 19 13</b>	10
orange matt	<b>4143 19 14</b>	10



**SCHUKO socket outlet with imprint**

■ with plug-in terminals

Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

**i 911**

DESIGN	ORDER NO.	PU
red glossy, Imprint "EDV"	<b>4743 89 22</b>	10
green glossy, Imprint "SV"	<b>4743 89 03</b>	10
orange glossy, Imprint "ZSV"	<b>4743 89 07</b>	10
red matt, Imprint "EDV"	<b>4743 19 22</b>	10
green matt, Imprint "SV"	<b>4743 19 03</b>	10
orange matt, Imprint "ZSV"	<b>4743 19 07</b>	10



**SCHUKO socket outlet**  
- Labelling field

■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

DESIGN	ORDER NO.	PU
red glossy	<b>4750 89 02</b>	10
green glossy	<b>4750 89 03</b>	10
orange glossy	<b>4750 89 07</b>	10
red matt	<b>4750 19 02</b>	10
green matt	<b>4750 19 03</b>	10
orange matt	<b>4750 19 07</b>	10





**SCHUKO socket outlet with imprint**

- Labelling field

- with plug-in terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.  
Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
red glossy, Imprint "EDV"	<b>4750 89 15</b>	10
green glossy, Imprint "SV"	<b>4750 89 13</b>	10
orange glossy, Imprint "ZSV"	<b>4750 89 14</b>	10
red matt, Imprint "EDV"	<b>4750 19 15</b>	10
green matt, Imprint "SV"	<b>4750 19 13</b>	10
orange matt, Imprint "ZSV"	<b>4750 19 14</b>	10



**SCHUKO socket outlet with control LED and imprint**

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.  
Labelling field height arranged for P-touch strips 6 mm.  
Execution SV, ZSV to according to VDE 0100-710

DESIGN	ORDER NO.	PU
red glossy, Imprint "EDV"	<b>4110 89 15</b>	10
green glossy, Imprint "SV"	<b>4110 89 13</b>	10
orange glossy, Imprint "ZSV"	<b>4110 89 14</b>	10
red matt, Imprint "EDV"	<b>4110 19 15</b>	10
green matt, Imprint "SV"	<b>4110 19 13</b>	10
orange matt, Imprint "ZSV"	<b>4110 19 14</b>	10



**SCHUKO socket outlets with safety device**



**SCHUKO socket outlet with overvoltage protection**

- Labelling field
- Screw terminals

- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals

**i 940**



Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.  
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

DESIGN	ORDER NO.	PU
red glossy	<b>4108 89 62</b>	1
red matt	<b>4108 19 62</b>	1



**INTERNATIONAL SOCKET OUTLET SYSTEMS**

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

**Socket outlets without earthing contact**

**NEW**



**Socket outlet without earthing contact**

Rated voltage 250 V~ ■ 2pole  
 Rated current 16 A ■ without spreader claws  
 Mirror depth 8 mm ■ with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
white glossy	* <b>61 6703 89 82</b>	10
polar white glossy	<b>61 6703 89 89</b>	10
polar white matt	<b>61 6703 19 09</b>	10



**Socket outlet without earthing contact**

**- enhanced contact protection**



Rated voltage 250 V~ ■ 2pole  
 Rated current 16 A ■ without spreader claws  
 Mirror depth 8 mm ■ with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
polar white matt	<b>61 6733 19 09</b>	10
anthracite matt	<b>61 6733 16 06</b>	10
aluminium matt, lacquered	<b>61 6733 14 04</b>	10



**Socket outlets with earthing pin**



**Socket outlet with earthing pin**

**- enhanced contact protection**



Rated voltage 250 V~ ■ 2pole + earth  
 Rated current 16 A ■ with plug-in terminals  
 Mirror depth 14.5 mm

**i 911**

DESIGN	ORDER NO.	PU
white glossy	<b>67 6876 89 82</b>	10
polar white glossy	<b>67 6876 89 89</b>	10
polar white matt	<b>67 6876 19 09</b>	10
anthracite matt	<b>67 6876 16 06</b>	10
aluminium matt, lacquered	<b>67 6876 14 04</b>	10



S.1/B.x



**Socket outlet with earthing pin**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.5 mm

- 2pole + earth
- with screw-in lift terminals

**i 911**

DESIGN	ORDER NO.	PU
white glossy	<b>67 6576 89 82</b>	10
polar white glossy	<b>67 6576 89 89</b>	10
polar white matt	<b>67 6576 19 09</b>	10
anthracite matt	<b>67 6576 16 06</b>	10
aluminium matt, lacquered	<b>67 6576 14 04</b>	10



**Socket outlet with earthing pin and LED orientation light**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A  
Power consumption 0,25 W/0,35 VA  
Switch-off brightness ca. 4 lx  
Light intensity (white) 0.2 cd  
Switch-on brightness ca. 2 lx  
Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>

- additional benefit by combination of a socket outlet with an orientation light
- long service life of the LED
- white LED light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- 2pole + earth
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

**i 911**

Caution!  
Items with special flush-mounted insert.  
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

DESIGN	ORDER NO.	PU
white glossy	<b>* 67 6510 89 82</b>	10
polar white glossy	<b>* 67 6510 89 89</b>	10
polar white matt	<b>* 67 6510 19 09</b>	10
anthracite matt	<b>* 67 6510 16 06</b>	10
aluminium matt	<b>* 67 6510 14 04</b>	10



**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A

- 2pole + earth
- with screw-in lift terminals

**i 911**

DESIGN	ORDER NO.	PU
white glossy	<b>67 6509 89 82</b>	10
polar white glossy	<b>67 6509 89 89</b>	10
polar white matt	<b>67 6509 19 09</b>	10





Socket outlets with earthing pin for special applications



**Socket outlet with earthing pin**  
- enhanced contact protection



Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.5 mm

Insert colour-coded.

- 2pole + earth
- with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
red glossy	<b>67 6876 89 62</b>	10
green glossy	<b>67 6876 89 63</b>	10
red matt	<b>67 6876 00 62</b>	10
green matt	<b>67 6876 00 63</b>	10



**Socket outlet with earthing pin**  
- enhanced contact protection  
- Screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.5 mm

Insert colour-coded.

- 2pole + earth
- with screw-in lift terminals

**i 911**

DESIGN	ORDER NO.	PU
red glossy	<b>67 6576 89 62</b>	10
green glossy	<b>67 6576 89 63</b>	10
red matt	<b>67 6576 00 62</b>	10
green matt	<b>67 6576 00 63</b>	10



**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.

- 2pole + earth
- with screw-in lift terminals

**i 911**

DESIGN	ORDER NO.	PU
red glossy	<b>67 6509 89 15</b>	10
green glossy	<b>67 6509 89 13</b>	10
orange glossy	<b>67 6509 89 14</b>	10
red matt	<b>67 6509 19 15</b>	10
green matt	<b>67 6509 19 13</b>	10
orange matt	<b>67 6509 19 14</b>	10



S.1/B.x

**British Standard socket outlets**



**Socket outlet with earthing contact BRITISH STANDARD, can be switched off**

- enhanced contact protection
- **Screw terminals**



- without neon lamp
- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage 250 V~  
Rated current 13 A

**i 911**

Equates to standard BS 1363: Part 2.  
Not for UK.  
For installation in standard wall boxes according to according to DIN 49073-1

DESIGN	ORDER NO.	PU
polar white matt	# 6347 19 09	10
anthracite matt	# 6347 16 06	10
aluminium matt, lacquered	# 6347 14 04	10



**Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off**

- enhanced contact protection
- **Screw terminals**

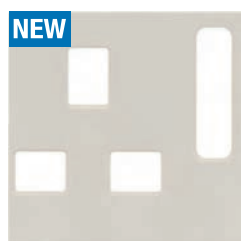


- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage 250 V~  
Rated current 13 A

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for socket outlets, British Standard, can be switched off	33 1307 ..	442

DESIGN	ORDER NO.	PU
white glossy	★ 3342 02 12	10
polar white glossy	★ 3342 02 19	10
anthracite matt	★ 3342 02 16	10
brown glossy	★ 3342 02 11	10



**Centre plate for socket outlets, British Standard, can be switched off**

SUITABLE FOR	ORDER NO.	PAGE
Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off	3342 02 ..	202

DESIGN	ORDER NO.	PU
white glossy	★ 33 1307 89 82	10
polar white glossy	★ 33 1307 89 89	10
polar white matt	★ 33 1307 99 09	10
anthracite matt	★ 33 1307 16 06	10
aluminium matt, lacquered	★ 33 1307 14 04	10

**Euro-American Standard socket outlets**



**Socket outlet without earthing contact EURO-AMERICAN STANDARD**

- enhanced contact protection



Rated voltage 250 V~  
Rated current 10 A  
Conductor cross-section (rigid) max. 4 mm<sup>2</sup>

Only for Asia.

- 2pole
- centre plate for plug-in fixing
- without spreader claws
- with screw terminals



DESIGN	ORDER NO.	PU
polar white matt	<b>33 4171 29 09</b>	10
anthracite matt	<b>33 4171 26 06</b>	10
aluminium matt, lacquered	<b>33 4171 24 04</b>	10

**NEMA-socket outlets**



**Socket outlet with earthing contact USA/CANADA NEMA 5-15 R**

- Screw terminals



Rated voltage 125 V~  
Rated current 15 A  
Conductor cross-section (rigid) max. 2 x 4 mm<sup>2</sup>  
Insertion depth 19 mm

Not UL-certified.  
Standard NEMA 5-15 R

- 2pole + earth
- without spreader claws
- with screw terminals

**i 911**



DESIGN	ORDER NO.	PU
white glossy	<b>4166 89 82</b>	10
polar white glossy	<b>4166 89 89</b>	10
polar white matt	<b>4166 19 09</b>	10



**Socket outlet with earthing contact USA/CANADA NEMA 5-20 R**

- Screw terminals



Rated voltage 125 V~  
Rated current 20 A  
Conductor cross-section (rigid) max. 2 x 4 mm<sup>2</sup>  
Insertion depth 19 mm

Not UL-certified.  
Standard NEMA 5-20 R

- 2pole + earth
- without spreader claws
- with screw terminals

**i 911**



DESIGN	ORDER NO.	PU
white glossy	<b>4168 89 82</b>	10
polar white glossy	<b>4168 89 89</b>	10
polar white matt, lacquered	<b>4168 19 09</b>	10



S.1/B.x



**Socket outlet with earthing contact CHINA 10 A**

- enhanced contact protection
- Screw terminals



- 2pole + earth
- centre plate for plug-in fixing
- without spreader claws
- with screw terminals

Rated voltage 250 V~  
Rated current 10 A  
Conductor cross-section (rigid) max. 4 mm<sup>2</sup>

Only for Asia.

DESIGN	ORDER NO.	PU
polar white matt	<b>33 4213 29 09</b>	10
anthracite matt	<b>33 4213 26 06</b>	10
aluminium matt, lacquered	<b>33 4213 24 04</b>	10



**Socket outlet with earthing contact CHINA 16 A**

- enhanced contact protection
- Screw terminals



- 2pole + earth
- centre plate for plug-in fixing
- without spreader claws
- with screw terminals

Rated voltage 250 V~  
Rated current 16 A  
Conductor cross-section (rigid) max. 4 mm<sup>2</sup>

Only for Asia.

DESIGN	ORDER NO.	PU
polar white matt	<b>33 4214 29 09</b>	10
anthracite matt	<b>33 4214 26 06</b>	10
aluminium matt, lacquered	<b>33 4214 24 04</b>	10



**Socket outlet with earthing contact INDIAN STANDARD 10 A**

- enhanced contact protection
- Screw-in lift terminals



- 2pole + earth
- centre plate for plug-in fixing
- without spreader claws
- with screw-in lift terminals

Rated voltage 250 V~  
Rated current 10 A  
Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>

DESIGN	ORDER NO.	PU
polar white matt	<b>34 6001 19 09</b>	10
anthracite matt	<b>34 6001 16 06</b>	10
aluminium matt	<b>34 6001 14 04</b>	10



**Socket outlet with earthing contact INDIAN STANDARD 13 A**

- enhanced contact protection
- Screw-in lift terminals



- 2pole + earth
- centre plate for plug-in fixing
- without spreader claws
- with screw-in lift terminals

Rated voltage 250 V~  
Rated current 13 A  
Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>

DESIGN	ORDER NO.	PU
polar white matt	<b>34 6003 19 09</b>	10
anthracite matt	<b>34 6003 16 06</b>	10
aluminium matt	<b>34 6003 14 04</b>	10



**Socket outlet with earthing contact INDIAN STANDARD 16 A**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~  
 Rated current 16 A  
 Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>

- 2pole + earth
- centre plate for plug-in fixing
- without spreader claws
- with screw-in lift terminals

DESIGN	ORDER NO.	PU
polar white matt	<b>34 6002 19 09</b>	10
anthracite matt	<b>34 6002 16 06</b>	10
aluminium matt	<b>34 6002 14 04</b>	10

**PUSH-BUTTONS**



**Push-button complete for stairway light**

- Screw terminals



Rated voltage 250 V~  
 Momentary-contact current 2 A

- with insert, frame, centre plate and red button
- without neon lamp
- NO contact
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Neon lamp E10	1601	75

DESIGN	ORDER NO.	PU
white glossy	<b>5101 89 82</b>	10
polar white glossy	<b>5101 89 89</b>	10
polar white matt	<b>5101 99 09</b>	10



S.1/B.x

**COVERS FOR SWITCHES/PUSH-BUTTONS**

**Rockers**



**Rocker**

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
white glossy	<b>1620 89 82</b>	10
polar white glossy	<b>1620 89 89</b>	10
polar white matt	<b>1620 19 09</b>	10
anthracite matt	<b>1620 16 06</b>	10
aluminium matt, lacquered	<b>1620 14 04</b>	10



**Rocker screw-on**

- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
polar white matt	<b>1570 19 09</b>	10
anthracite matt	<b>1570 16 06</b>	10
aluminium matt, lacquered	<b>1570 14 04</b>	10



**Rocker**

**- Labelling field**



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
white glossy	<b>1626 89 82</b>	10
polar white glossy	<b>1626 89 89</b>	10
polar white matt	<b>1626 19 09</b>	10
anthracite matt	<b>1626 16 06</b>	10
aluminium matt, lacquered	<b>1626 14 04</b>	10



**Rocker**

**- Lens**



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
white glossy	<b>1621 89 82</b>	10
polar white glossy	<b>1621 89 89</b>	10
polar white matt	<b>1621 19 09</b>	10
anthracite matt	<b>1621 16 06</b>	10
aluminium matt, lacquered	<b>1621 14 04</b>	10



**Rocker screw-on**

**- Lens**



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
polar white matt	<b>1572 19 09</b>	10
anthracite matt	<b>1572 16 06</b>	10
aluminium matt, lacquered	<b>1572 14 04</b>	10



**Rocker**

**- Labelling field**

**- Lens**



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
white glossy	<b>1628 89 82</b>	10
polar white glossy	<b>1628 89 89</b>	10
polar white matt	<b>1628 19 09</b>	10
anthracite matt	<b>1628 16 06</b>	10
aluminium matt, lacquered	<b>1628 14 04</b>	10



**Rocker**

- Large labelling field
- Lens



Labelling field (W x H) ≈ 50.8 x 25.5 mm

For labelling with names, notes etc.

Labelling field height designed for two 12 mm P-touch strips.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

**SUITABLE FOR**

Rocker switch  
Rocker push-button

**ORDER NO.**

**PAGE**

page 22  
page 22

DESIGN	ORDER NO.	PU
white glossy	<b>1696 89 82</b>	10
polar white glossy	<b>1696 89 89</b>	10
polar white matt	<b>1696 19 09</b>	10
anthracite matt	<b>1696 16 06</b>	10
aluminium matt, lacquered	<b>1696 14 04</b>	10

**Rockers for multi-pole rocker switches**



**Rocker with imprint "0"**

**SUITABLE FOR**

Multi-pole rocker switches

**ORDER NO.**

page 28

DESIGN	ORDER NO.	PU
white glossy	<b>1622 89 82</b>	10
polar white glossy	<b>1622 89 89</b>	10
polar white matt	<b>1622 19 09</b>	10
anthracite matt	<b>1622 16 06</b>	10
aluminium matt, lacquered	<b>1622 14 04</b>	10



**Rocker with imprint "0", screw-on**

- with cover plug for screw fitting

**SUITABLE FOR**

Multi-pole rocker switches

**ORDER NO.**

page 28

DESIGN	ORDER NO.	PU
polar white matt	<b>1573 19 09</b>	10
anthracite matt	<b>1573 16 06</b>	10
aluminium matt, lacquered	<b>1573 14 04</b>	10



**Rocker with imprint "0"**

- Red lens



- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

**SUITABLE FOR**

Multi-pole rocker switches

**ORDER NO.**

page 28

DESIGN	ORDER NO.	PU
white glossy	<b>1624 89 82</b>	10
polar white glossy	<b>1624 89 89</b>	10
polar white matt	<b>1624 19 09</b>	10
anthracite matt	<b>1624 16 06</b>	10
aluminium matt, lacquered	<b>1624 14 04</b>	10





**Rocker with imprint "0", screw-on**

- Red lens



- for illumination and monitoring circuit
- with cover plug for screw fitting

DESIGN	ORDER NO.	PU
polar white matt	<b>1577 19 09</b>	10
anthracite matt	<b>1577 16 06</b>	10
aluminium matt, lacquered	<b>1577 14 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 28

**Multiple Rockers**



**Rocker 2gang**

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

DESIGN	ORDER NO.	PU
white glossy	<b>1623 89 82</b>	10
polar white glossy	<b>1623 89 89</b>	10
polar white matt	<b>1623 19 09</b>	10
anthracite matt	<b>1623 16 06</b>	10
aluminium matt, lacquered	<b>1623 14 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch, 2gang		page 30
Series push-button		page 30



**Rocker 2gang**

- with cover plug for screw fitting

DESIGN	ORDER NO.	PU
polar white matt	<b>1571 19 09</b>	10
anthracite matt	<b>1571 16 06</b>	10
aluminium matt, lacquered	<b>1571 14 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch, 2gang		page 30
Series push-button		page 30



**Rocker 2gang**

- Red lens



- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

DESIGN	ORDER NO.	PU
white glossy	<b>1627 89 82</b>	10
polar white glossy	<b>1627 89 89</b>	10
polar white matt	<b>1627 19 09</b>	10
anthracite matt	<b>1627 16 06</b>	10
aluminium matt, lacquered	<b>1627 14 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch, 2gang		page 30
Series push-button		page 30



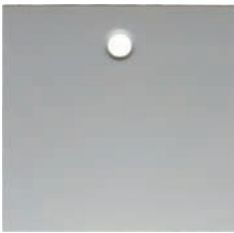
**Rocker 3gang**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1665 89 89</b>	10
white glossy	<b>1665 89 82</b>	10
polar white matt	<b>1665 19 09</b>	10
anthracite matt	<b>1665 16 06</b>	10
aluminium matt, lacquered	<b>1665 14 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
On/off switch 3gang	6330 23	33



**Centre plates for pullcord switches/pullcord push-buttons**



**Centre plate for pullcord switch/pullcord push-button**

DESIGN	ORDER NO.	PU
white glossy	<b>1146 89 82</b>	10
polar white glossy	<b>1146 89 89</b>	10
polar white matt	<b>1146 19 09</b>	10
anthracite matt	<b>1146 16 06</b>	10
aluminium matt, lacquered	<b>1146 14 04</b>	10

**SUITABLE FOR**  
Pullcord switches/pullcord push-buttons

**ORDER NO.**  
PAGE  
page 33

**Centre plates for key switches/key push-buttons**



**Centre plate for key switch/key push-button**

DESIGN	ORDER NO.	PU
white glossy	<b>1507 89 82</b>	10
polar white glossy	<b>1507 89 89</b>	10
polar white matt	<b>1507 19 09</b>	10
anthracite matt	<b>1507 16 06</b>	10
aluminium matt, lacquered	<b>1507 14 04</b>	10

- for lock cylinder
- for master-key systems

**SUITABLE FOR**  
Key switches/key push-buttons  
Lock cylinder

**ORDER NO.**  
PAGE  
1818 ..  
79



S.1/B.x

**Centre plates for protection switches**



**50 x 50 mm centre plate for RCD protection switch**

Caution!  
Use only with intermediate ring for 50 x 50 mm centre plate from the corresponding range.

DESIGN	ORDER NO.	PU
white glossy	<b>1493 02</b>	1
polar white glossy	<b>1493 09</b>	1
polar white matt/velvety	<b>1493 19 09</b>	1
anthracite matt	<b>1493 16 06</b>	1
aluminium matt, lacquered	<b>1493 14 04</b>	1

**SUITABLE FOR**  
Residual current circuit-breaker

**ORDER NO.**  
PAGE  
2844  
36

**TIMERS**

**Centre plates for mechanical timer**



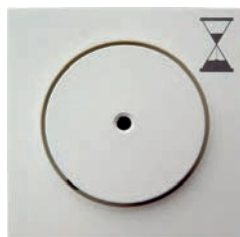
**Centre plate for mechanical timer**

DESIGN	ORDER NO.	PU
<b>with time scale 15 min</b>		
white glossy	<b>1632 89 82</b>	1
polar white glossy	<b>1632 89 89</b>	1
polar white matt	<b>1632 19 09</b>	1
anthracite matt	<b>1632 16 06</b>	1
aluminium matt, lacquered	<b>1632 14 04</b>	1
<b>with time scale 120 min</b>		
polar white glossy	<b>1633 89 89</b>	1
white glossy	<b>1633 89 82</b>	1
polar white matt	<b>1633 19 09</b>	1
anthracite matt	<b>1633 16 06</b>	1
aluminium matt, lacquered	<b>1633 14 04</b>	1

**SUITABLE FOR**  
Mechanical time switches

**ORDER NO.**  
PAGE  
page 37





**Centre plate for time relay insert**

**- Push-button with clear lens**



Axis dimension Ø

4 mm

- with imprint

**SUITABLE FOR**  
Time relay insert

**ORDER NO.**  
2948 10

**PAGE**  
38

DESIGN	ORDER NO.	PU
white glossy	<b>1674 89 82</b>	10
polar white glossy	<b>1674 89 89</b>	10
polar white matt	<b>1674 19 09</b>	10
anthracite matt	<b>1674 16 06</b>	10
aluminium matt, lacquered	<b>1674 14 04</b>	10



**Timer comfort for sensors**

**- Display**



- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme
- 2 independent programme memories for everyday/holidays
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- after charging, the timer can also be programmed when removed.

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Insert for timer	2948	39
<b>optional</b>		
RolloTec brightness sensor	169	128
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129

**i 912**

DESIGN	ORDER NO.	PU
white glossy	<b>1738 89 82</b>	1
polar white glossy	<b>1738 89 89</b>	1
polar white matt	<b>1738 19 09</b>	1
anthracite matt	<b>1738 16 06</b>	1
aluminium matt, lacquered	<b>1738 14 04</b>	1



**Timer comfort**

**- Display**



- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme
- 2 independent programme memories for everyday/holidays
- after charging, the timer can also be programmed when removed.

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Insert for timer	2948	39

**i 912**

DESIGN	ORDER NO.	PU
white glossy	<b>1736 89 82</b>	1
polar white glossy	<b>1736 89 89</b>	1
polar white matt	<b>1736 19 09</b>	1
anthracite matt	<b>1736 16 06</b>	1
aluminium matt, lacquered	<b>1736 14 04</b>	1





**Timer Easy**

**- Display**



- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Insert for timer	2948	39

**i 912**

DESIGN	ORDER NO.	PU
white glossy	<b>1735 89 82</b>	1
polar white glossy	<b>1735 89 89</b>	1
polar white matt	<b>1735 19 09</b>	1
anthracite matt	<b>1735 16 06</b>	1
aluminium matt, lacquered	<b>1735 14 04</b>	1



**NEW ELECTRONICS PLATFORM**

**Buttons for switches/dimmers**

**NEW**



**Button 1gang**

Operating voltage  
Operating temperature

via insert  
-5 ... +45 °C

- with 2-push-buttons operation concept
- low intrinsic energy requirement
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Relay insert	8512 12 00	51
Switch insert 1gang	8512 11 00	51
Touch dimmer (R, L)	8542 11 00	53
Universal touch dimmer 1gang	8542 12 00	53
Extension unit for motion detector	8532 01 00	87

DESIGN	ORDER NO.	PU
white glossy	<b>* 8514 11 82</b>	1
polar white glossy	<b>* 8514 11 89</b>	1
polar white matt	<b>* 8514 11 88</b>	1
anthracite matt, lacquered	<b>* 8514 11 85</b>	1
aluminium matt, lacquered	<b>* 8514 11 83</b>	1



**NEW**



**Button 2gang**

Operating voltage  
Operating temperature

via insert  
-5 ... +45 °C

- with 2-push-buttons operation concept per series
- low intrinsic energy requirement
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 2gang	8512 22 00	52
Universal touch dimmer 2gang	8542 21 00	54

DESIGN	ORDER NO.	PU
white glossy	<b>* 8514 21 82</b>	1
polar white glossy	<b>* 8514 21 89</b>	1
polar white matt	<b>* 8514 21 88</b>	1
anthracite matt, lacquered	<b>* 8514 21 85</b>	1
aluminium matt, lacquered	<b>* 8514 21 83</b>	1



S.1/B.x

**DIMMERS AND COVERS**

**Rotary dimmer with cover plate**

**NEW**



**Rotary dimmer with cover plate**

- **Setting knob**



Frequency

50 Hz

■ phase cut-on

**SUITABLE FOR optional**

Covers for rotary dimmers  
Tronic power booster built-in (R, C)

**ORDER NO.**

2868

**PAGE**

page 212  
63

**i 914**



DESIGN

ORDER NO.

PU

white glossy

**2819 89 82**

1

polar white glossy

**2819 89 89**

1

polar white matt

**2819 99 09**

1

anthracite matt

★ **2819 99 49**

1

aluminium matt, lacquered

★ **2819 99 39**

1

ε



**Covers for rotary dimmers**

**NEW**



**Cover for rotary dimmers/rotary potentiometers**

- **Setting knob**



DESIGN

**SUITABLE FOR**

Rotary dimmer with cover plate

**ORDER NO.**

**PAGE**

page 212

white glossy

ORDER NO.

PU

white glossy

**1130 89 82**

10

polar white glossy

**1130 89 89**

10

polar white matt

**1130 99 09**

10

anthracite matt

★ **1130 99 49**

10

aluminium matt, lacquered

★ **1130 99 39**

10



**Centre plate for rotary dimmer**

- **Setting knob**



Axis dimension Ø

4 mm

**SUITABLE FOR**

Rotary dimmers  
Rotary potentiometer DALI  
1-10 V Rotary potentiometer

**ORDER NO.**

**PAGE**

page 42

page 46

page 47

DESIGN

ORDER NO.

PU

white glossy

**1137 89 82**

10

polar white glossy

**1137 89 89**

10

polar white matt

**1137 19 09**

10

anthracite matt

**1137 16 06**

10

aluminium matt, lacquered

**1137 14 04**

10

**Push-buttons**



**Button for universal series touch dimmer**

**SUITABLE FOR**

Universal series touch dimmer (R, L, C)

**ORDER NO.**

2901

**PAGE**

49

**i 915**

DESIGN

ORDER NO.

PU

white glossy

**1765 89 82**

1

polar white glossy

**1765 89 89**

1

polar white matt

**1765 19 09**

1

anthracite matt

**1765 16 06**

1

aluminium matt, lacquered

**1765 14 04**

1



**BLC - BERKER LIGHT CONTROL**

**BLC push-buttons**



**BLC push-button**

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit	2907	59

**i 917**

DESIGN	ORDER NO.	PU
white glossy	<b>1761 89 82</b>	1
polar white glossy	<b>1761 89 89</b>	1
polar white matt	<b>1761 19 09</b>	1
anthracite matt	<b>1761 16 06</b>	1
aluminium matt, lacquered	<b>1761 14 04</b>	1



**BLC controller**



**BLC controller comfort 1.1 m**

Delay time, adjustable  $\approx 10$  s ... 30 min

- with teach function for response brightness
- with slide switch for OFF/automatic/ON
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 920**

DESIGN	ORDER NO.	PU
<b>Nominal mounting height 1.1 m</b>		
white glossy	<b>1784 89 82</b>	1
polar white glossy	<b>1784 89 89</b>	1
polar white matt	<b>1784 19 09</b>	1
anthracite matt	<b>1784 16 06</b>	1
aluminium matt, lacquered	<b>1784 14 04</b>	1



**BLC IR controller comfort 2.2 m with hand-held transmitter**

Delay time, adjustable  $\approx 10$  s ... 60 min

**Scope of delivery:**  
- BLC IR controller comfort  
- IR hand-held transmitter

- with detection and IR receiver LED red, and IR confirmation LED green
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 921**

DESIGN	ORDER NO.	PU
<b>Nominal mounting height 2.2 m</b>		
white glossy	<b>1789 89 82</b>	1
polar white glossy	<b>1789 89 89</b>	1
polar white matt	<b>1789 19 09</b>	1
anthracite matt	<b>1789 16 06</b>	1
aluminium matt, lacquered	<b>1789 14 04</b>	1



S.1/B.x



**BLC controller**

Delay time

≈ 2 min

**SUITABLE FOR**

- BLC switches
- BLC dimmers
- BLC insert for timer
- BLC extension unit for motion detector

**ORDER NO.**

2934 10  
2908

**PAGE**

page 55  
page 58  
58  
92

**i 920**

DESIGN

ORDER NO.

PU

**Nominal mounting height 1.1 m**

white glossy <sup>1)</sup>	<b>1783 89 82</b>	1
polar white glossy <sup>1)</sup>	<b>1783 89 89</b>	1
polar white matt <sup>1)</sup>	<b>1783 19 09</b>	1
anthracite matt <sup>1)</sup>	<b>1783 16 06</b>	1
aluminium matt, lacquered <sup>1)</sup>	<b>1783 14 04</b>	1

**Nominal mounting height 2.2 m**

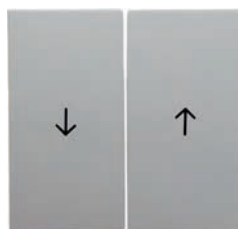
white glossy	<b>1788 89 82</b>	1
polar white glossy	<b>1788 89 89</b>	1
polar white matt	<b>1788 19 09</b>	1
anthracite matt	<b>1788 16 06</b>	1
aluminium matt, lacquered	<b>1788 14 04</b>	1

<sup>1)</sup> with cover to limit detection angle to 90°



**COVERS FOR BLIND SWITCHES/PUSH-BUTTONS**

**Rockers with imprint**



**Rocker 2gang with imprinted arrow symbol**

■ also for KNX applications: push-button, 2gang

**SUITABLE FOR**

Switch / push-button for blinds

**ORDER NO.**

**PAGE**

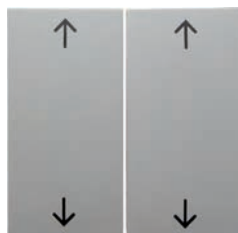
page 112

DESIGN

ORDER NO.

PU

white glossy	<b>1625 89 82</b>	10
polar white glossy	<b>1625 89 89</b>	10
polar white matt	<b>1625 19 09</b>	10
anthracite matt	<b>1625 16 06</b>	10
aluminium matt, lacquered	<b>1625 14 04</b>	10



**Rocker 2gang with imprinted arrows symbol**

■ also for KNX applications: group push-button, 2gang

**SUITABLE FOR**

Group series push-button, 4 NO contacts, common input terminal

**ORDER NO.**

5034 04

**PAGE**

31

DESIGN

ORDER NO.

PU

white glossy	<b>1644 89 82</b>	10
polar white glossy	<b>1644 89 89</b>	10
polar white matt	<b>1644 19 09</b>	10
anthracite matt	<b>1644 16 06</b>	10
aluminium matt, lacquered	<b>1644 14 04</b>	10

**Centre plates for rotary switches for blinds**



**Centre plate with rotary knob for rotary switch for blinds**

- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Rotary switch for blinds		page 114
Interlock disk for rotary switch for blinds	1861	115

DESIGN	ORDER NO.	PU
white glossy	<b>1080 89 82</b>	1
polar white glossy	<b>1080 89 89</b>	1
polar white matt	<b>1080 19 09</b>	1
anthracite matt	<b>1080 16 06</b>	1
aluminium matt, lacquered	<b>1080 14 04</b>	1

**Centre plates for key switches/key push-buttons for blinds**



**Centre plate with lock and push lock function for switch for blinds**

- Key can be removed in 0 position



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

DESIGN	ORDER NO.	PU
white glossy	<b>1081 89 82</b>	1
polar white glossy	<b>1081 89 89</b>	1
polar white matt	<b>1081 19 09</b>	1
anthracite matt	<b>1081 16 06</b>	1
aluminium matt, lacquered	<b>1081 14 04</b>	1



S.1/B.x



**Centre plate with lock and push lock function for switch for blinds**

- Key can be removed in 3 positions



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

DESIGN	ORDER NO.	PU
white glossy	<b>1082 89 82</b>	1
polar white velvety	<b>1082 60 89</b>	1
polar white matt	<b>1082 19 09</b>	1



**Centre plate with lock and touch function for switch for blinds**

- Key can be removed in 0 position



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

DESIGN	ORDER NO.	PU
white glossy	<b>1083 89 82</b>	1
polar white glossy	<b>1083 89 89</b>	1
polar white matt	<b>1083 19 09</b>	1



**Centre plate for key push-button for blinds/key switch**

- with imprint
- for lock cylinder
- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 79
Switch for blinds 2pole for lock cylinder	3822 10	118
Push-button for blinds 1pole for lock cylinder	3831 10	118
Push-button for blinds 2pole for lock cylinder	3832 10	118

DESIGN	ORDER NO.	PU
white glossy	<b>1506 89 82</b>	10
polar white glossy	<b>1506 89 89</b>	10
polar white matt	<b>1506 19 09</b>	10
anthracite matt	<b>1506 16 06</b>	10
aluminium matt, lacquered	<b>1506 14 04</b>	10

## ROLLOTEC

### RolloTec buttons



**RolloTec button comfort for sensors**

- for sensor connection to socket contact or terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor	169	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor surface-mounted	184	129

**i 944**

DESIGN	ORDER NO.	PU
white glossy	<b>1771 89 82</b>	1
polar white glossy	<b>1771 89 89</b>	1
polar white matt	<b>1771 19 09</b>	1
anthracite matt	<b>1771 16 06</b>	1
aluminium matt, lacquered	<b>1771 14 04</b>	1



**RolloTec button comfort**

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121

**i 944**

DESIGN	ORDER NO.	PU
white glossy	<b>1770 89 82</b>	1
polar white glossy	<b>1770 89 89</b>	1
polar white matt	<b>1770 19 09</b>	1
anthracite matt	<b>1770 16 06</b>	1
aluminium matt, lacquered	<b>1770 14 04</b>	1







**RolloTec memory button for sensors**

Stored "up" and/or "down" time is run daily in automatic operation.

- for sensor connection to socket contact or terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor	169	128

**i 944**

DESIGN	ORDER NO.	PU
white glossy	<b>1757 89 82</b>	1
polar white glossy	<b>1757 89 89</b>	1
polar white matt	<b>1757 19 09</b>	1
anthracite matt	<b>1757 16 06</b>	1
aluminium matt, lacquered	<b>1757 14 04</b>	1



**RolloTec memory button**

Stored "up" and/or "down" time is run daily in automatic operation.

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121

**i 944**

DESIGN	ORDER NO.	PU
white glossy	<b>1756 89 82</b>	1
polar white glossy	<b>1756 89 89</b>	1
polar white matt	<b>1756 19 09</b>	1
anthracite matt	<b>1756 16 06</b>	1
aluminium matt, lacquered	<b>1756 14 04</b>	1



**RolloTec time switches**



**RolloTec comfort time switch for sensors**

**- Display**



- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec brightness sensor	169	128
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129
Magnetic contact	9251 0 ..	130

**i 948**

DESIGN	ORDER NO.	PU
white glossy	<b>1775 89 82</b>	1
polar white glossy	<b>1775 89 89</b>	1
polar white matt	<b>1775 19 09</b>	1
anthracite matt	<b>1775 16 06</b>	1
aluminium matt, lacquered	<b>1775 14 04</b>	1





**RolloTec comfort time switch**

**- Display**



- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

**SUITABLE FOR**  
RolloTec inserts

**ORDER NO.**    **PAGE**  
page 121

**i 948**

DESIGN	ORDER NO.	PU
white glossy	<b>1774 89 82</b>	1
polar white glossy	<b>1774 89 89</b>	1
polar white matt	<b>1774 19 09</b>	1
anthracite matt	<b>1774 16 06</b>	1
aluminium matt, lacquered	<b>1774 14 04</b>	1



**RolloTec easy time switch**

**- Display**



- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

**SUITABLE FOR**  
RolloTec inserts

**ORDER NO.**    **PAGE**  
page 121

**i 948**

DESIGN	ORDER NO.	PU
white glossy	<b>1762 89 82</b>	1
polar white glossy	<b>1762 89 89</b>	1
polar white matt	<b>1762 19 09</b>	1
anthracite matt	<b>1762 16 06</b>	1
aluminium matt, lacquered	<b>1762 14 04</b>	1



**HVAC CONTROLLERS AND COVERS**

**Thermostat**



**Thermostat, NO contact, with centre plate**

**- Time-controlled**



Rated voltage                    230 V~  
 Frequency                        50 Hz  
 Power consumption            ≈ 1.2 W  
 Lithium cell power reserve [years]    ≈ 10

- for floor heating, control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

**SUITABLE FOR**                    **ORDER NO.**    **PAGE**  
 Valve drive 230 V                    7590 00 76                    144  
**optional**  
 Temperature sensor                    161                                152

**i 942**

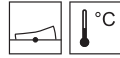
DESIGN	ORDER NO.	PU
white glossy	<b>2044 89 82</b>	1
polar white glossy	<b>2044 89 89</b>	1
polar white matt	<b>2044 19 09</b>	1
anthracite matt	<b>2044 16 06</b>	1
aluminium matt, lacquered	<b>2044 14 04</b>	1





**Thermostat, NO contact, with centre plate, for underfloor heating**

- Rocker switch
- External temperature sensor



Rated voltage 250 V~  
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat for under-floor heating	1672 ..	141
Valve drive 230 V	7590 00 76	144
<b>replacement</b>		
Temperature sensor	161	152

**i 941**

DESIGN	ORDER NO.	PU
white glossy	<b>2034 89 82</b>	1
polar white glossy	<b>2034 89 89</b>	1
polar white matt	<b>2034 19 09</b>	1
anthracite matt	<b>2034 16 06</b>	1
aluminium matt, lacquered	<b>2034 14 04</b>	1



**Temperature controller, change-over contact, with centre plate**

Rated voltage 250 V~  
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1670 ..	142
Valve drive 230 V	7590 00 76	144

■ for heating or cooling mode

**i 941**

DESIGN	ORDER NO.	PU
white glossy	<b>2026 89 82</b>	1
polar white glossy	<b>2026 89 89</b>	1
polar white matt	<b>2026 19 09</b>	1
anthracite matt	<b>2026 16 06</b>	1
aluminium matt, lacquered	<b>2026 14 04</b>	1



**Temperature controller, NC contact, with centre plate**

- Rocker switch



Rated voltage 250 V~  
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 ..	143
Valve drive 230 V	7590 00 76	144

**i 941**

DESIGN	ORDER NO.	PU
white glossy	<b>2030 89 82</b>	1
polar white glossy	<b>2030 89 89</b>	1
polar white matt	<b>2030 19 09</b>	1
anthracite matt	<b>2030 16 06</b>	1
aluminium matt, lacquered	<b>2030 14 04</b>	1



**Temperature controller, NC contact, with centre plate, 24 V AC/DC**

- Rocker switch



Rated voltage 24 V~/24 V=  
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 ..	143
Valve drive 24 V AC/DC	7590 00 77	144

**i 941**

DESIGN	ORDER NO.	PU
white glossy	<b>2031 89 82</b>	1
polar white glossy	<b>2031 89 89</b>	1
polar white matt	<b>2031 19 09</b>	1
anthracite matt	<b>2031 16 06</b>	1
aluminium matt, lacquered	<b>2031 14 04</b>	1





**Centre plate for thermostat for underfloor heating**

- **Rocker**
- **Setting knob**



**SUITABLE FOR**  
Thermostat, NO contact, with centre plate, for underfloor heating

**ORDER NO.** 2034 .. **PAGE** 137

DESIGN	ORDER NO.	PU
white glossy	<b>1672 89 82</b>	1
polar white glossy	<b>1672 89 89</b>	1
polar white matt	<b>1672 19 09</b>	1
anthracite matt	<b>1672 16 06</b>	1
aluminium matt, lacquered	<b>1672 14 04</b>	1



**Centre plate for thermostat**

- **Setting knob**



**SUITABLE FOR**  
Temperature controller, change-over contact, with centre plate

**ORDER NO.** 2026 .. **PAGE** 138

DESIGN	ORDER NO.	PU
white glossy	<b>1670 89 82</b>	1
polar white glossy	<b>1670 89 89</b>	1
polar white matt	<b>1670 19 09</b>	1
anthracite matt	<b>1670 16 06</b>	1
aluminium matt, lacquered	<b>1670 14 04</b>	1



**Centre plate for thermostat**

- **Rocker**
- **Setting knob**



**SUITABLE FOR**  
Temperature controller, NC contact, with 2030 .. centre plate  
Temperature controller, NC contact, with 2031 .. centre plate, 24 V AC/DC

**ORDER NO.** .. **PAGE** 139  
141

DESIGN	ORDER NO.	PU
white glossy	<b>1671 89 82</b>	1
polar white glossy	<b>1671 89 89</b>	1
polar white matt	<b>1671 19 09</b>	1
anthracite matt	<b>1671 16 06</b>	1
aluminium matt, lacquered <sup>1)</sup>	<b>1671 14 04</b>	1

<sup>1)</sup> with cover plug for screw fitting

**Central plates for sensor inserts**



**Central plate for sensor insert**

**SUITABLE FOR**  
Sensor insert

**ORDER NO.** 7594 10 01 **PAGE** 143

DESIGN	ORDER NO.	PU
white glossy	<b>7594 04 02</b>	1
polar white glossy	<b>7594 04 09</b>	1
polar white matt/velvety	<b>7594 04 89</b>	1
anthracite matt	<b>7594 04 85</b>	1
aluminium matt, lacquered	<b>7594 04 83</b>	1

**Rockers for heating emergency switches**



**Rocker with imprint "Heizung Notschalter"**

**- Red lens**



Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.

- for monitoring circuit
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

**SUITABLE FOR**

Rocker switch  
Rocker push-button

**ORDER NO.**

**PAGE**

page 22  
page 22

DESIGN	ORDER NO.	PU
red glossy	<b>1621 89 02</b>	10
red matt	<b>1621 19 02</b>	10

**Centre plates for air conditioner/fan controllers**



**Centre plate with rotary knob for 3-step switch**

- with imprint

**SUITABLE FOR**

3-step switch

**ORDER NO.**

3861 ..

**PAGE**

148

**DESIGN**

**without 0-position, imprint 2-1-3**

DESIGN	ORDER NO.	PU
white glossy	<b>1084 89 82</b>	1
polar white glossy	<b>1084 89 89</b>	1
polar white matt	<b>1084 19 09</b>	1
anthracite matt	<b>1084 16 06</b>	1
aluminium matt, lacquered	<b>1084 14 04</b>	1

**with 0-position, imprint 0-1-2-3**

white glossy	<b>1096 89 82</b>	1
polar white glossy	<b>1096 89 89</b>	1
polar white matt	<b>1096 19 09</b>	1
anthracite matt	<b>1096 16 06</b>	1
aluminium matt, lacquered	<b>1096 14 04</b>	1



**Centre plate for speed controller**

**- Setting knob**



Axis dimension Ø

4 mm

- with imprinted symbol curve

**SUITABLE FOR**

Speed controllers

**ORDER NO.**

2968 01

**PAGE**

149

**DESIGN**

**ORDER NO.**

**PU**

white glossy	<b>1137 89 22</b>	10
polar white glossy	<b>1137 89 29</b>	10
polar white matt	<b>1137 19 29</b>	10
anthracite matt	<b>1137 16 26</b>	10
aluminium matt, lacquered	<b>1137 14 24</b>	10



**COMMUNICATION/MULTIMEDIA TECHNOLOGY**

■ For information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

**Covers data-/telecommunication**



**Centre plate with TAE cut-out**

■ also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
230 V USB charging socket outlet	2600 ..	176
Loudspeaker connection box	4572 ..	177
Stereo loudspeaker connection box	4573 ..	177
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	165
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	165

DESIGN	ORDER NO.	PU
white glossy	<b>1033 89 12</b>	10
polar white glossy	<b>1033 89 19</b>	10
polar white matt, with 2 knock out openings	<b>1033 19 09</b>	10
anthracite matt, with 2 knock out openings	<b>1033 16 06</b>	10
aluminium matt, lacquered, with 2 knock out openings	<b>1033 14 04</b>	10



**Centre plate for FCC socket outlet**

■ for 1 gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso  
■ with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1 gang		page 160

DESIGN	ORDER NO.	PU
white glossy	<b>1407 89 82</b>	10
polar white glossy	<b>1407 89 89</b>	10
polar white matt	<b>1407 19 09</b>	10
anthracite matt	<b>1407 16 06</b>	10
aluminium matt, lacquered	<b>1407 14 04</b>	10



**Centre plate for FCC socket outlet 2gang**

■ for 2gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso  
■ with 45° oblique outlet

DESIGN	ORDER NO.	PU
white glossy	<b>1409 89 82</b>	10
polar white glossy	<b>1409 89 89</b>	10
polar white matt	<b>1409 19 09</b>	10
anthracite matt	<b>1409 16 06</b>	10
aluminium matt, lacquered	<b>1409 14 04</b>	10



**Centre plate with dust protection slider**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

■ for supporting plates with coloured mounting device, 1gang, order no. 4540 ... see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white matt	<b>1170 19 09</b>	10
anthracite matt	<b>1170 16 06</b>	10
aluminium matt, lacquered	<b>1170 14 04</b>	10



**Centre plate with 2 dust protection sliders**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ... see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
white glossy	<b>1181 89 82</b>	10
polar white glossy	<b>1181 89 89</b>	10
polar white matt	<b>1181 19 09</b>	10
anthracite matt	<b>1181 16 06</b>	10
aluminium matt, lacquered	<b>1181 14 04</b>	10



**Central plate for 3 MINI-COM modules**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com HDMI™ module, double socket 1.3, type A
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com USB modules, double socket type A, USB 2.0 compliant
- for Mini-Com dummy modules 1gang

DESIGN	ORDER NO.	PU
white glossy	<b>1427 02</b>	10
polar white glossy	<b>1427 09</b>	10
polar white matt/velvety	<b>1427 19 09</b>	10
anthracite matt	<b>1427 16 06</b>	10
aluminium matt, lacquered	<b>1427 14 04</b>	10



**Central plate for Reichle&De-Massari single modules**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6

DESIGN	ORDER NO.	PU
white glossy	<b>1472 02</b>	10
polar white glossy	<b>1472 09</b>	10
polar white matt/velvety	<b>1472 19 09</b>	10
anthracite matt	<b>1472 16 06</b>	10
aluminium matt, lacquered	<b>1472 14 04</b>	10



**Central plate for Reichle&De-Massari double module**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
For 1gang modules, the 1port DIN connection box with straight outlet and centre plate 50 x 50 mm of makes IBM no. 51H8234 or Reichle + De Massari no. R 825857 can be used.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

DESIGN	ORDER NO.	PU
white glossy	<b>1461 02</b>	10
polar white glossy	<b>1461 09</b>	10
polar white matt/velvety	<b>1461 19 09</b>	10





**Central plate 2gang for AMP jacks**

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6

DESIGN	ORDER NO.	PU
white glossy	<b>1463 02</b>	10
polar white glossy	<b>1463 09</b>	10
polar white matt/velvety	<b>1463 19 09</b>	10
anthracite matt	<b>1463 16 06</b>	10
aluminium matt, lacquered	<b>1463 14 04</b>	10



**Central plate 2gang for Krone jacks**

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

DESIGN	ORDER NO.	PU
white glossy	<b>1464 02</b>	10
polar white glossy	<b>1464 09</b>	10
polar white matt/velvety	<b>1464 19 09</b>	10
anthracite matt	<b>1464 16 06</b>	10
aluminium matt, lacquered	<b>1464 14 04</b>	10

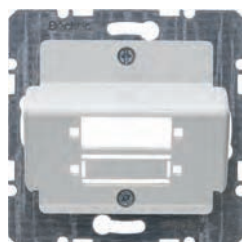


**Central plate for fibre-optic couplings Simplex ST**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

DESIGN	ORDER NO.	PU
white glossy, 2gang	<b>1492 02</b>	10
polar white glossy, 2gang	<b>1492 09</b>	10
polar white matt/velvety, 2gang	<b>1492 19 09</b>	10



**Central plate for fibre-optic couplings Duplex SC**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

DESIGN	ORDER NO.	PU
white glossy	<b>1480 02</b>	10
polar white glossy	<b>1480 09</b>	10
polar white matt/velvety	<b>1480 19 09</b>	10

**Covers for aerial sockets**



**Centre plate for aerial socket 2-/3hole**

- with knock out SAT input

DESIGN	SUITABLE FOR	ORDER NO.	PAGE
	Aerial sockets		page 156
DESIGN	ORDER NO.	PU	
white glossy	<b>1203 89 82</b>	10	
polar white glossy	<b>1203 89 89</b>	10	
polar white matt	<b>1203 19 09</b>	10	
anthracite matt	<b>1203 16 06</b>	10	
aluminium matt, lacquered	<b>1203 14 04</b>	10	





**Central plate for aerial socket 4hole (Ankaro)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

DESIGN	ORDER NO.	PU
white glossy	<b>1484 02</b>	10
polar white glossy	<b>1484 09</b>	10
polar white matt/velvety	<b>1484 19 09</b>	10
anthracite matt	<b>1484 16 06</b>	10
aluminium matt, lacquered	<b>1484 14 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Aerial socket 4hole single box	4594	158



**Central plate for aerial socket 4hole (Hirschmann)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

DESIGN	ORDER NO.	PU
white glossy	<b>1483 02</b>	10
polar white glossy	<b>1483 09</b>	10
polar white matt/velvety	<b>1483 19 09</b>	10
anthracite matt	<b>1483 16 06</b>	10
aluminium matt, lacquered	<b>1483 14 04</b>	10



**Central plate for broadband modem socket (Wisi)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with additional multimedia output

DESIGN	ORDER NO.	PU
white glossy	# <b>1439 02</b>	10
polar white glossy	# <b>1439 09</b>	10
polar white matt/velvety	# <b>1439 19 09</b>	10
anthracite matt	# <b>1439 16 06</b>	10
aluminium matt, lacquered	# <b>1439 14 04</b>	10

**Central plates for signalling and command units**



**Central plate with installation opening Ø 18.8 mm**

Screw spacing 36 mm  
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

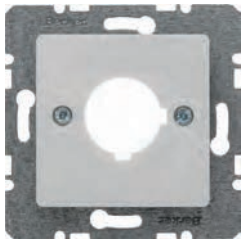
- with supporting plate
- with cut-out dia. 18.8 mm
- without spreader claws

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

SUITABLE FOR	ORDER NO.	PAGE
optional Built-in socket for floating output	4604	724

DESIGN	ORDER NO.	PU
white glossy	<b>1431 02</b>	10
polar white glossy	<b>1431 09</b>	10
polar white matt/velvety	<b>1431 19 09</b>	10
anthracite matt	<b>1431 16 06</b>	10
aluminium matt, lacquered	<b>1431 14 04</b>	10





**Central plate with installation opening Ø 22.5 mm**

Screw spacing 36 mm

- with supporting plate
- with cut-out dia. 22.5 mm
- without spreader claws

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

DESIGN	ORDER NO.	PU
white glossy	<b>1432 02</b>	10
polar white glossy	<b>1432 09</b>	10
yellow glossy	<b>1432 07</b>	10
polar white matt/velvety	<b>1432 19 09</b>	10
anthracite matt	<b>1432 16 06</b>	10
aluminium matt, lacquered	<b>1432 14 04</b>	10

**Covers Audio**

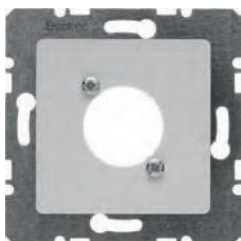


**Centre plate for loudspeaker socket outlet**

- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Stereo loudspeaker socket outlet	4505 01	178
Loudspeaker socket outlet High End	4505 02	178
Entry for small connector	4505	179

DESIGN	ORDER NO.	PU
white glossy	<b>1196 89 82</b>	10
polar white glossy	<b>1196 89 89</b>	10
polar white matt	<b>1196 19 09</b>	10
anthracite matt	<b>1196 16 06</b>	10
aluminium matt, lacquered	<b>1196 14 04</b>	10



**Central plate for XLR D-series connector**

Cut-out Ø 23.6 mm

- with supporting plate
- without spreader claws
- speakon and jack connector

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

DESIGN	ORDER NO.	PU
white glossy	<b>1412 02</b>	10
polar white glossy	<b>1412 09</b>	10
polar white matt/velvety	<b>1412 19 09</b>	10
anthracite matt	<b>1412 16 06</b>	10
aluminium matt, lacquered	<b>1412 14 04</b>	10

**Video socket outlets**



**VGA socket outlet**

Frequency range video max. 160 MHz  
Resolution max. 1280 x 1024 px

- with 15pole D-subminiature double jack
- S-VGA compatible
- with 15pole D-subminiature jack (front)

**i 970**

DESIGN	ORDER NO.	PU
<b>with double jack</b>		
white glossy	<b>33 1540 89 82</b>	10
polar white glossy	<b>33 1540 89 89</b>	10
polar white matt	<b>33 1540 19 09</b>	10
anthracite matt	<b>33 1540 16 06</b>	10
aluminium matt, lacquered	<b>33 1540 14 04</b>	10



**back side, with screw-in lift terminals**

polar white matt <sup>1)</sup>	<b>33 1541 19 09</b>	10
white glossy <sup>1)</sup>	<b>33 1541 89 82</b>	10
polar white glossy <sup>1)</sup>	<b>33 1541 89 89</b>	10
anthracite matt <sup>1)</sup>	<b>33 1541 16 06</b>	10
aluminium matt, lacquered <sup>1)</sup>	<b>33 1541 14 04</b>	10

<sup>1)</sup> for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm<sup>2</sup>

**Multimedia sockets**



**3 x Cinch/S-Video socket outlet**

Frequency range audio  
Frequency range video

20 ... 20000 Hz  
max. 160 MHz

- gold-plated contacts
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack

**i 973**

DESIGN	ORDER NO.	PU
white glossy	<b>33 1532 89 82</b>	10
polar white glossy	<b>33 1532 89 89</b>	10
polar white matt	<b>33 1532 19 09</b>	10
anthracite matt	<b>33 1532 16 06</b>	10
aluminium matt, lacquered	<b>33 1532 14 04</b>	10



**High definition socket outlet**

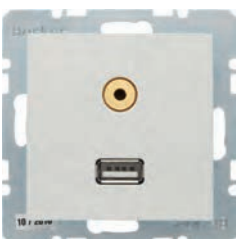
Transmission rate  
Resolution

max. 8.16 Gbit/s  
max. 1920 x 1080 px

- gold-plated contacts

**i 973**

DESIGN	ORDER NO.	PU
<b>back side, with straight socket</b>		
white glossy	<b>33 1542 89 82</b>	10
polar white glossy	<b>33 1542 89 89</b>	10
polar white matt	<b>33 1542 19 09</b>	10
anthracite matt	<b>33 1542 16 06</b>	10
aluminium matt, lacquered	<b>33 1542 14 04</b>	10
<b>back side, with 90° angle socket</b>		
white glossy	<b>33 1543 89 82</b>	10
polar white glossy	<b>33 1543 89 89</b>	10
polar white matt	<b>33 1543 19 09</b>	10
anthracite matt	<b>33 1543 16 06</b>	10
aluminium matt, lacquered	<b>33 1543 14 04</b>	10



**USB/3.5 mm audio socket outlet**

USB transmission rate  
Frequency range audio

max. 480 Mbit/s  
20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

**i 973**

DESIGN	ORDER NO.	PU
white glossy	<b>33 1539 89 82</b>	10
polar white glossy	<b>33 1539 89 89</b>	10
polar white matt	<b>33 1539 19 09</b>	10
anthracite matt	<b>33 1539 16 06</b>	10
aluminium matt, lacquered	<b>33 1539 14 04</b>	10



**CONSUMER ELECTRONICS**

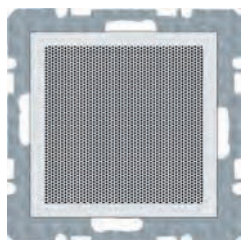


**Berker Radio Touch**

Operating voltage	230 V~	■ stereo FM radio with RDS display
Frequency	50/60 Hz	■ with one loudspeaker
Frequency range	87.5 ... 108 MHz	■ illuminated touch graphics display
Conductor cross-section	max. 2.5 mm <sup>2</sup>	■ time and date display
Insertion depth	33 mm	■ operation via sensor areas of the touch display
Dimensions of display (W x H)	35 x 28 mm	■ connection for a second speaker
		■ extension unit input for separate on/off switching
		■ external audio input, e.g. for MP3 player or docking station

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b>		
Loudspeaker		page 228
Docking station		page 228

DESIGN	ORDER NO.	PU
polar white glossy	<b>2880 89 89</b>	1
polar white matt	<b>2880 99 09</b>	1
stainless steel matt, lacquered	<b>2880 89 16</b>	1



**Loudspeaker**

Impedance	8 Ω	■ confectioned, with 2-core, double-insulated, flexible cable
Conductor cross-section (flexible)	0.75 mm <sup>2</sup>	
Pre-assembled cable	≈ 0.3 m	<b>SUITABLE FOR</b>
Insertion depth	22.5 mm	Berker Radio Touch
		Docking station
		<b>ORDER NO.</b>
		page 228
		page 228

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Berker Radio Touch		page 228
Docking station		page 228

DESIGN	ORDER NO.	PU
polar white glossy	<b>2882 89 89</b>	1
polar white matt	<b>2882 99 09</b>	1
stainless steel matt, lacquered	<b>2882 89 16</b>	1



**Docking station**

Operating voltage	230 V~	■ buttons for volume control
Frequency	50/60 Hz	■ stereo Line-Out for connection to the radio touch
Output voltage	max. 3.5 V	■ AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
Number of loudspeakers (4 Ω)	1	■ with 30pole plug connector for iPod and iPhone*
Number of loudspeakers (8 Ω)	2	
Number of loudspeakers (20 Ω)	5	<b>SUITABLE FOR</b>
Insertion depth	36 mm	Berker Radio Touch
		Loudspeaker
		<b>ORDER NO.</b>
		page 228
		page 228

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Berker Radio Touch		page 228
Loudspeaker		page 228

\* iPod and iPhone are registered trademarks of Apple Inc.

DESIGN	ORDER NO.	PU
polar white glossy	<b>2883 89 89</b>	1
polar white matt	<b>2883 99 09</b>	1
stainless steel matt, lacquered	<b>2883 89 16</b>	1



**COVERS FOR PILOT LAMPS**



**Centre plate for push-button/pilot lamp E10**

Cut-out Ø	27.2 mm	■ centre plate for plug-in fixing
		<b>SUITABLE FOR</b>
		Covers and push-buttons
		LED lamp E10
		Neon lamp E10
		Push-button/pilot lamp E10, NO contact 5101 ..
		68
		<b>ORDER NO.</b>
		page 75
		page 74
		page 75

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Covers and push-buttons		page 75
LED lamp E10		page 74
Neon lamp E10		page 75
Push-button/pilot lamp E10, NO contact 5101 ..		68

DESIGN	ORDER NO.	PU
white glossy	<b>1124 89 82</b>	10
polar white glossy	<b>1124 89 89</b>	10
polar white matt	<b>1124 19 09</b>	10
anthracite matt	<b>1124 16 06</b>	10
aluminium matt, lacquered	<b>1124 14 04</b>	10



**Centre plate for pilot lamp E14**

DESIGN	ORDER NO.	PU
white glossy	<b>1198 89 82</b>	10
polar white glossy	<b>1198 89 89</b>	10
polar white matt	<b>1198 19 09</b>	10
anthracite matt	<b>1198 16 06</b>	10
aluminium matt, lacquered	<b>1198 14 04</b>	10

**SUITABLE FOR**  
Covers and push-buttons  
LED lamp E14  
Incandescent lamp E14  
Pilot lamp E14

**ORDER NO.**    **PAGE**  
5131 02    page 75  
69



**Cover for LED orientation/signal light**

DESIGN	ORDER NO.	PU
transparent	<b>1248 19 00</b>	1

- with printed label sheets "Bitte warten/Bitte eintreten" and "Do not disturb/make up room"
- with milky foil, for individual labelling

**SUITABLE FOR**    **ORDER NO.**    **PAGE**  
LED orientation light    2951    70  
LED signal light    2952    70



**Cover for info pilot lamp**

Current consumption    25 mA  
Power, LED    800 mW  
Service life of the LED    ≈ 25000 h

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

Printed labels supplied: "Nicht eintreten", "Besetzt", "Bitte eintreten", "Bitte Ruhe", "Bitte warten".

DESIGN	ORDER NO.	PU
white glossy	<b>1345 89 82</b>	1
polar white glossy	<b>1345 89 89</b>	1
polar white matt	<b>1345 19 09</b>	1
anthracite matt	<b>1345 16 06</b>	1
aluminium matt, lacquered	<b>1345 14 04</b>	1

**SUITABLE FOR**    **ORDER NO.**    **PAGE**  
Cover plate for info pilot lamp    1289 ..    76  
Info pilot lamp    2949    71

**SUPPLEMENTARY PRODUCTS**

**Blind plates**

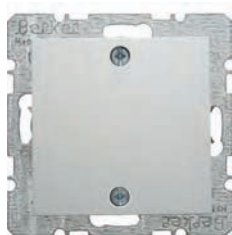


**Blind plug with centre plate**

DESIGN	ORDER NO.	PU
<b>without spreader claws</b>		
white glossy	<b>1009 89 82</b>	20
polar white glossy	<b>1009 89 89</b>	20
polar white matt	<b>1009 19 09</b>	20
anthracite matt	<b>1009 16 06</b>	20
aluminium matt, lacquered	<b>1009 14 04</b>	20
<b>with base and spreader claws</b>		
white glossy	<b>67 1009 89 82</b>	10
polar white glossy	<b>67 1009 89 89</b>	10
polar white matt	<b>67 1009 19 09</b>	10
anthracite matt	<b>67 1009 16 06</b>	10
aluminium matt, lacquered	<b>67 1009 14 04</b>	10

- on supporting plate without cut-out
- centre plate for plug-in fixing





**Blind plug with centre plate, screw-on**

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- for customised cut-outs or holes when installing special solutions
- space-saving for relays, etc.

DESIGN	ORDER NO.	PU
white glossy	<b>1009 89 12</b>	20
polar white glossy	<b>1009 89 19</b>	20
polar white matt	<b>1009 19 19</b>	20
anthracite matt	<b>1009 16 16</b>	20
aluminium matt, lacquered	<b>1009 14 14</b>	20



**Centre plate for cable outlet**

- with an outlet below

SUITABLE FOR	ORDER NO.	PAGE
Cable outlet	4470	173
Cable outlet with low installation depth	4468	173

DESIGN	ORDER NO.	PU
white glossy	<b>1019 89 82</b>	10
polar white glossy	<b>1019 89 89</b>	10
polar white matt	<b>1019 19 09</b>	10
anthracite matt	<b>1019 16 06</b>	10
aluminium matt, lacquered	<b>1019 14 04</b>	10

**Intermediate rings**



**Adapter ring for centre plate 50 x 50 mm**

Caution!  
Not suitable for Berker central plates.  
For centre plate as per according to DIN 49075

- for other centre plates with external size 50 x 50 mm

DESIGN	ORDER NO.	PU
white glossy	<b>1109 90 82</b>	10
polar white glossy	<b>1109 90 89</b>	10
polar white matt	<b>1109 19 19</b>	10
anthracite matt	<b>1109 16 16</b>	10
aluminium matt, lacquered	<b>1109 14 14</b>	10



**Intermediate ring for central plate**

- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
optional Labelling field for intermediate ring	1905 00 02	230

DESIGN	ORDER NO.	PU
white glossy	<b>1109 89 82</b>	10
polar white glossy	<b>1109 89 89</b>	10
polar white matt	<b>1109 19 09</b>	10
anthracite matt	<b>1109 16 06</b>	10
aluminium matt, lacquered	<b>1109 14 04</b>	10



**Labelling field for intermediate ring**

Labelling field height arranged for P-touch strips 6 mm.

SUITABLE FOR	ORDER NO.	PAGE
Intermediate ring for central plate	1108 ..	470
Intermediate ring for central plate	1109 ..	305

DESIGN	ORDER NO.	PU
white glossy	<b>1905 00 02</b>	10
polar white glossy	<b>1905 00 69</b>	10

**HOTEL APPLICATIONS**

**Centre plates for hotel card switches**



**Centre plate with imprint for push-button for hotel card**

**- Red lens**



Card width max. 54 mm

Other imprint on request!

- for push-button for hotel card

**SUITABLE FOR**

Push-button for hotel card

**ORDER NO.**

**PAGE**

page 80

DESIGN	ORDER NO.	PU
white glossy	<b>1640 89 82</b>	10
polar white glossy	<b>1640 89 89</b>	10
polar white matt	<b>1640 19 09</b>	10
anthracite matt	<b>1640 16 06</b>	10
aluminium matt, lacquered	<b>1640 14 04</b>	10

**BARRIER-FREE CONSTRUCTION**



The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

**SCHUKO socket outlets**



**SCHUKO socket outlet with hinged cover for barrier-free construction**

**- Tactile symbol**



Rated voltage 250 V~  
Rated current 16 A  
Conductor cross-section 1 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Connection terminals according to IEC 60884-1

- with hinged cover that falls back
- with plug-in terminals

**i 911**



DESIGN	ORDER NO.	PU
polar white matt	<b>4786 19 49</b>	10



**SCHUKO socket outlet with hinged cover for barrier-free construction**

**- Tactile symbol**

**- enhanced contact protection**

**- Installation position variable in 45° steps**



Rated voltage 250 V~  
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Connection terminals according to IEC 60884-1

- when opening hinged cover, it can be arrested in end position
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

**i 911**



DESIGN	ORDER NO.	PU
polar white matt	<b>4744 19 49</b>	10



**Rockers**



**Rocker for barrier-free construction**

- Guide for mouth rod
- Lens



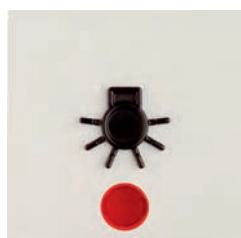
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
polar white matt <sup>1)</sup>	<b>1661 19 49</b>	10

<sup>1)</sup>lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent



**Rocker for barrier-free construction**

- Tactile light symbol
- Red lens



- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
polar white matt	<b>1651 19 49</b>	10



**Rocker for barrier-free construction**

- Tactile bell symbol
- Red lens

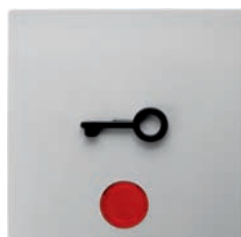


- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

DESIGN	ORDER NO.	PU
polar white matt	<b>1651 19 59</b>	10



**Rocker for barrier-free construction**

- Tactile symbol for door opener
- Red lens



- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
polar white matt	<b>1651 19 69</b>	10



**HOSPITAL INSTALLATION**

**Emergency system**

**NEW**



**Emergency call set with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

Set consisting of:  
- Pullcord with frame, order no. 5202..  
- Pilot lamp with frame, order no. 5203..  
- Shut-off push-button with frame, order no. 5201..  
- Power supply with frame, order no. 5204..

The emergency call set is used to call for help in public or disabled WCs, doctors' surgeries and old people's homes. It corresponds to the safety requirements according to DIN VDE 0834

- acoustic and visual signalling of an emergency call using pilot lamp after the pullcord push-button has been actuated
- switch-off of emergency call using shut-off push-button at emergency location
- power supply via power supply unit with 24 V AC
- centre plates for plug-in fixing
- monitoring of devices triggering calls for wire break
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Cancellation/presence button with frame	5205 ..	233
Cancellation button with frame	5201 ..	234
Pull button with frame	5202 ..	234
Light signal with frame	5203 ..	234
Mains adapter with frame	5204 ..	234
Call button with frame	5206 ..	233

DESIGN	ORDER NO.	PAGE
white glossy	* 5200 89 82	1
polar white glossy	* 5200 89 89	1
polar white matt	* 5200 99 09	1

**NEW**



**Call button with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

Additional call push-button to, for example, provide a control section in a second room or an additional location to trigger an emergency call.

- with quiet lamp
- with red call button with lens
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 ..	233

DESIGN	ORDER NO.	PAGE
white glossy	* 5206 89 82	1
polar white glossy	* 5206 89 89	1
polar white matt	* 5206 99 09	1

**NEW**



**Cancellation/presence button with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C  
Cable length to light signal max. 500 m

Office unit, in order to, for example, indicate an emergency call in an office or a headquarters.

- with yellow shut-off button
- with green presence button
- with visual and acoustic alarm encoder
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 ..	233

DESIGN	ORDER NO.	PAGE
white glossy	* 5205 89 82	1
polar white glossy	* 5205 89 89	1
polar white matt	* 5205 99 09	1



S.1/B.x



**Pull button with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

To trigger an emergency call in emergency situations.

- with pullcord and knob
- with quiet lamp
- centre plate for plug-in fixing
- for wall and ceiling mounting
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Emergency call set with frame	5200 ..	233

DESIGN	ORDER NO.	PU
white glossy	★ 5202 89 82	1
polar white glossy	★ 5202 89 89	1
polar white matt	★ 5202 99 09	1



**Cancellation button with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.

- with green shut-off button
- centre plate for plug-in fixing
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Emergency call set with frame	5200 ..	233

DESIGN	ORDER NO.	PU
white glossy	★ 5201 89 82	1
polar white glossy	★ 5201 89 89	1
polar white matt	★ 5201 99 09	1



**Light signal with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

Recommendation: use deep box.  
For visual and acoustic alarms in emergency situations.  
Caution:  
Always install the device in a clearly visible location.

- call tone received on voltage failure and return
- with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
- with 4 red LEDs
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- centre plate for plug-in fixing
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Emergency call set with frame	5200 ..	233

DESIGN	ORDER NO.	PU
white glossy	★ 5203 89 82	1
polar white glossy	★ 5203 89 89	1
polar white matt	★ 5203 99 09	1



**Mains adapter with frame**

Operating voltage 24 V  
Frequency 50 ... 60 Hz  
Output current max. 250 mA  
Input current max. 180 mA  
Operating temperature -5 ... +40 °C  
Input voltage 100 ... 240 V~

Recommendation: use deep box.  
For the power supply of the emergency call system components with 24 V DC.

- centre plate for plug-in fixing
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Emergency call set with frame	5200 ..	233

DESIGN	ORDER NO.	PU
white glossy	★ 5204 89 82	1
polar white matt	★ 5204 99 09	1
polar white glossy	★ 5204 89 89	1



**Central plates for hospital installation**



**Central plate for socket outlet for floating output**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
For double pole socket outlet for floating output according to DIN 42801

■ with imprint

SUITABLE FOR	ORDER NO.	PAGE
Socket outlet for floating output	1061	724

DESIGN	ORDER NO.	PU
white glossy	<b>1403 02</b>	10
polar white glossy	<b>1403 09</b>	10
polar white matt/velvety	<b>1403 19 09</b>	10
anthracite matt	<b>1403 16 06</b>	10
aluminium matt, lacquered	<b>1403 14 04</b>	10



**Central plate for 6pole socket outlet**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>Nurse call systems</b>	
Ackermann: clino opt 90 / clino phon 95	71008C
clino opt 99	71008C3

**6pole socket outlets**  
Hirschmann: Medu 600 GSK

DESIGN	ORDER NO.	PU
white glossy	<b>1474 02</b>	10
polar white glossy	<b>1474 09</b>	10
polar white matt/velvety	<b>1474 19 09</b>	10
anthracite matt	<b>1474 16 06</b>	10
aluminium matt, lacquered	<b>1474 14 04</b>	10



S.1/B.x

**Centre plates for Ackermann inserts**



**Centre plate for nurse call system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

■ centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	72642C 72639A 71197A 72642B

DESIGN	ORDER NO.	PU
white glossy	<b>1204 89 82</b>	10
polar white glossy	<b>1204 89 89</b>	10
polar white matt	<b>1204 99 09</b>	10



**Centre plate with plug-in opening for nurse call systems**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

■ centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73070A

DESIGN	ORDER NO.	PU
white glossy	<b>1298 89 82</b>	10
polar white glossy	<b>1298 89 89</b>	10
polar white matt	<b>1298 99 09</b>	10



**Centre plate for dropping plug-and-socket connector**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- a-coded for dropping plug-and-socket connector

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>Nurse call systems</b>	
Ackermann: clino opt 99	74189A

DESIGN	ORDER NO.	PU
white glossy	<b>1305 89 82</b>	10
polar white glossy	<b>1305 89 89</b>	10
polar white matt	<b>1305 99 19</b>	10



**Centre plate with 2 plug-in openings and imprint, for call unit**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 diagnostic plug-in contacts
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73075C 73020G 73021G 73075D

DESIGN	ORDER NO.	PU
white glossy	<b>1244 89 82</b>	10
polar white glossy	<b>1244 89 89</b>	10
polar white matt	<b>1244 99 09</b>	10



**Centre plate with plug-in opening, red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

DESIGN	ORDER NO.	PU
white glossy	<b>1217 89 82</b>	10
polar white glossy	<b>1217 89 89</b>	10
polar white matt	<b>1217 99 09</b>	10



**Centre plate with 2 plug-in openings, imprint and red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

DESIGN	ORDER NO.	PU
white glossy	<b>1218 89 82</b>	10
polar white glossy	<b>1218 89 89</b>	10
polar white matt	<b>1218 99 09</b>	10



**Centre plate with red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

73071F  
73071F2  
73073F

DESIGN	ORDER NO.	PU
white glossy	<b>1216 89 82</b>	10
polar white glossy	<b>1216 89 89</b>	10
polar white matt	<b>1216 99 09</b>	10



**Centre plate with red button at bottom**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

73022A  
73022A2

DESIGN	ORDER NO.	PU
white glossy	<b>1219 89 82</b>	10
polar white glossy	<b>1219 89 89</b>	10
polar white matt	<b>1219 99 09</b>	10



**Centre plate with green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

73642C

DESIGN	ORDER NO.	PU
white glossy	<b>1251 89 82</b>	10
polar white glossy	<b>1251 89 89</b>	10
polar white matt	<b>1251 99 09</b>	10



**Centre plate with yellow button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

73642D

DESIGN	ORDER NO.	PU
white glossy	<b>1252 89 82</b>	10
polar white glossy	<b>1252 89 89</b>	10
polar white matt	<b>1252 99 09</b>	10





**Centre plate with blue button and imprint**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
white glossy	<b>1223 89 82</b>	10
polar white glossy	<b>1223 89 89</b>	10
polar white matt	<b>1223 99 09</b>	10



**Centre plate with white button and imprint**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- button with lens
- centre plate for plug-in fixing
- for office unit

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73640J 73640J2

DESIGN	ORDER NO.	PU
white glossy	<b>1308 89 82</b>	10
polar white glossy	<b>1308 89 89</b>	10
polar white matt	<b>1308 99 09</b>	10



**Centre plate with red + green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642B2

DESIGN	ORDER NO.	PU
white glossy	<b>1249 89 82</b>	10
polar white glossy	<b>1249 89 89</b>	10
polar white matt	<b>1249 99 09</b>	10



**Centre plate with green + yellow button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642E

DESIGN	ORDER NO.	PU
white glossy	<b>1253 89 82</b>	10
polar white glossy	<b>1253 89 89</b>	10
polar white matt	<b>1253 99 09</b>	10



**Centre plate with white + green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- buttons with lens
- centre plate for plug-in fixing
- for office unit

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
Nurse call systems	
Ackermann: clino opt 99	73642B

DESIGN	ORDER NO.	PU
white glossy	<b>1299 89 82</b>	10
polar white glossy	<b>1299 89 89</b>	10
polar white matt	<b>1299 99 09</b>	10



**Centre plate for pneumatic call switch**

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70006A
	70006B
clino opt 99	70006C

DESIGN	ORDER NO.	PU
white glossy	<b>1236 89 82</b>	10
polar white glossy	<b>1236 89 89</b>	10
polar white matt	<b>1236 99 09</b>	10



**Centre plate for pullcord push-button**

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3
	70046A3
	70046A

DESIGN	ORDER NO.	PU
white glossy	<b>1233 89 82</b>	10
polar white glossy	<b>1233 89 89</b>	10
polar white matt	<b>1233 99 09</b>	10



**Centre plate with imprinted symbol curve for small sound system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120C
	73120H

DESIGN	ORDER NO.	PU
white glossy	<b>1300 89 82</b>	10
polar white glossy	<b>1300 89 89</b>	10
polar white matt	<b>1300 99 09</b>	10





**Centre plate with imprint "0 - 1 - 2 - 3 - 4 - 5" for small sound system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

DESIGN	ORDER NO.	PU
white glossy	<b>1301 89 82</b>	10
polar white glossy	<b>1301 89 89</b>	10
polar white matt	<b>1301 99 09</b>	10

**Centre plates for Total Walther (Zettler) inserts**



**Centre plate for socket outlet 15gang**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Total Walther: Zettler Medicall 800	125.891xS 125.850xS

DESIGN	ORDER NO.	PU
white glossy	<b>1288 89 22</b>	10
polar white glossy	<b>1288 89 29</b>	10
polar white matt	<b>1288 19 29</b>	10



**Centre plate for call unit with push-button + socket outlet 15pole**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Total Walther: Zettler Medicall 800	125.840xS 125.841xS 125.842xS 125.843xS

DESIGN	ORDER NO.	PU
white glossy	<b>1288 89 32</b>	10
polar white glossy	<b>1288 89 39</b>	10
polar white matt	<b>1288 19 39</b>	10



**Centre plate for call unit with 2 push-buttons + socket outlet 15pole**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Total Walther: Zettler Medicall 800	125.830xS 125.831xS 125.832xS

DESIGN	ORDER NO.	PU
white glossy	<b>1288 89 42</b>	10
polar white glossy	<b>1288 89 49</b>	10
polar white matt	<b>1288 19 49</b>	10





**Centre plate for call unit with push-button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

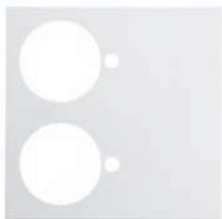
**Nurse call systems**

Total Walther: Zettler Medical 800

**ART. NO.**

125.810xS  
125.811xS  
125.812xS  
125.813xS  
125.814xS  
125.815xS  
125.816xS  
125.892xS  
125.893xS

DESIGN	ORDER NO.	PU
white glossy	<b>1288 89 82</b>	10
polar white glossy	<b>1288 89 89</b>	10
polar white matt	<b>1288 19 09</b>	10



**Centre plate for call unit with 2 push-buttons**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Total Walther: Zettler Medical 800

**ART. NO.**

125.892xS  
125.893xS  
125.820xS  
125.821xS  
125.822xS  
125.823xS  
125.824xS  
125.825xS  
125.826xS  
125.827xS  
125.891xS

DESIGN	ORDER NO.	PU
white glossy	<b>1288 89 12</b>	10
polar white glossy	<b>1288 89 19</b>	10
polar white matt	<b>1288 19 19</b>	10



**Centre plate for pneumatic call switch**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with quiet lamp
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Total Walther: Zettler Medical 800

**ART. NO.**

125.860xS  
125.861xS

DESIGN	ORDER NO.	PU
white glossy	<b>1288 89 52</b>	10
polar white glossy	<b>1288 89 59</b>	10
polar white matt	<b>1288 19 59</b>	10



**Centre plate for buzzer**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Total Walther: Zettler Medical 800 IP

**ART. NO.**

125.800xS

DESIGN	ORDER NO.	PU
polar white matt	<b>1288 19 69</b>	10



BERKER S.1



**B.**  
Berker

FRAME	246-249
SURFACE-MOUNTED HOUSINGS	249

Berker S.1 stands for "Standard" in two different aspects: on the one hand, because this switch range has set real standards in the fields of elegance, functionality and timelessness. On the other hand, because these qualities have made it a popular standard in offices and homes.

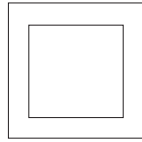
- Modular concept, ergonomic design and square shape guarantee ease of handling.
- Clean form harmonises with extremely diverse surroundings and is suitable for a wide range of applications
- Combination frames allow you to combine up to 5 devices vertically or horizontally.
- Available surfaces: polar white matt, white and polar white glossy



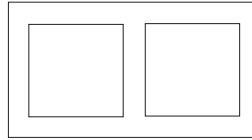
**BERKER S.1**  
DIMENSIONS / PRODUCT EXAMPLES



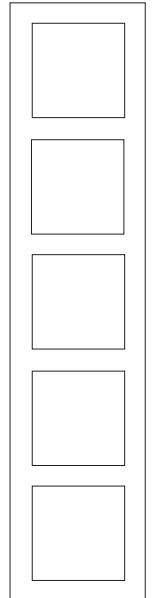
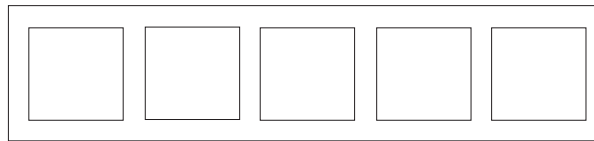
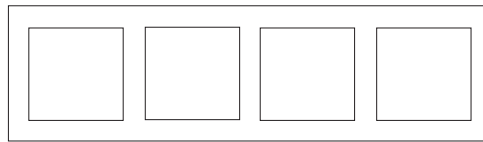
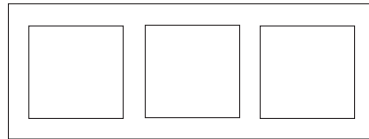
Frames 1gang  
W 80.5 mm x H 80.5 mm, 1gang



Frames 2 to 5gang, horizontal  
W 151.5 mm x H 80.5 mm, 2gang  
W 223 mm x H 80.5 mm, 3gang  
W 294 mm x H 80.5 mm, 4gang  
W 365 mm x H 80.5 mm, 5gang

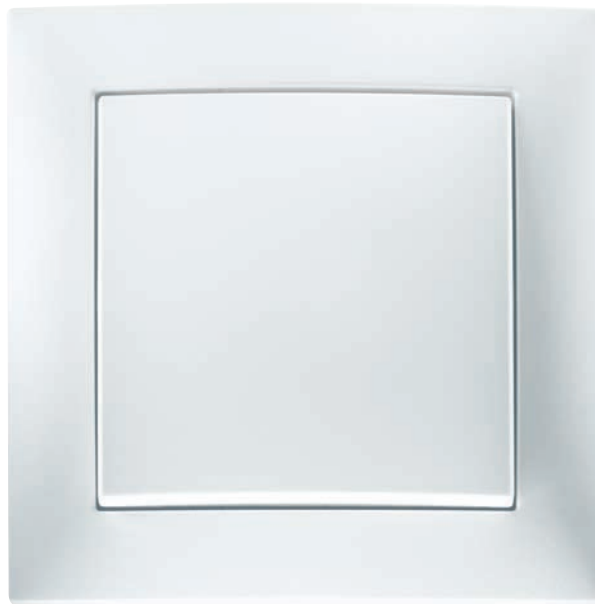


Frames 2 to 5gang, vertical  
H 151.5 mm x W 80.5 mm, 2gang  
H 223 mm x W 80.5 mm, 3gang  
H 294 mm x W 80.5 mm, 4gang  
H 365 mm x W 80.5 mm, 5gang



PRODUCT EXAMPLES





SURFACES

FRAMES/COVERS/CENTRAL INSERTS

Plastic, matt

Polar white similar to RAL 9010

Anthracite similar to RAL 7021

Plastic, glossy

White similar to RAL 1013

Polar white similar to RAL 9010

Red similar to RAL 3003

CENTRAL PLATES

Plastic, matt lacquered

Polar white similar to RAL 9010

Plastic, glossy

White similar to RAL 1013

Polar white similar to RAL 9010



**FRAME**



**Frame**

■ for vertical and horizontal mounting

**i 974**

DESIGN	ORDER NO.	PU
Frame 1gang, white glossy, 1gang	<b>1011 89 82</b>	10
Frame 2gang, white glossy, 2gang	<b>1012 89 82</b>	10
Frame 3gang, white glossy, 3gang	<b>1013 89 82</b>	10
Frame 4gang, white glossy, 4gang	<b>1014 89 82</b>	2
Frame 5gang, white glossy, 5gang	<b>1015 89 82</b>	2



**Frame**

■ for vertical and horizontal mounting

**i 974**

DESIGN	ORDER NO.	PU
Frame 1gang, polar white glossy, 1gang	<b>1011 89 89</b>	10
Frame 2gang, polar white glossy, 2gang	<b>1012 89 89</b>	10
Frame 3gang, polar white glossy, 3gang	<b>1013 89 89</b>	10
Frame 4gang, polar white glossy, 4gang	<b>1014 89 89</b>	2
Frame 5gang, polar white glossy, 5gang	<b>1015 89 89</b>	2
Frame 1gang, polar white matt, 1gang	<b>1011 99 09</b>	10
Frame 2gang, polar white matt, 2gang	<b>1012 99 09</b>	10
Frame 3gang, polar white matt, 3gang	<b>1013 99 09</b>	10
Frame 4gang, polar white matt, 4gang	<b>1014 99 09</b>	10
Frame 5gang, polar white matt, 5gang	<b>1015 99 09</b>	2



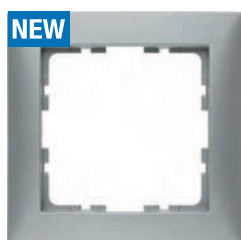
**NEW**

**Frame**

■ for vertical and horizontal mounting

**i 974**

DESIGN	ORDER NO.	PU
Frame 1gang, anthracite matt, 1gang	<b>* 1011 99 49</b>	10
Frame 2gang, anthracite matt, 2gang	<b>* 1012 99 49</b>	10
Frame 3gang, anthracite matt, 3gang	<b>* 1013 99 49</b>	10
Frame 4gang, anthracite matt, 4gang	<b>* 1014 99 49</b>	2
Frame 5gang, anthracite matt, 5gang	<b>* 1015 99 49</b>	2



**NEW**

**Frame**

■ for vertical and horizontal mounting

**i 974**

DESIGN	ORDER NO.	PU
Frame 1gang, aluminium matt, 1gang	<b>* 1011 99 39</b>	10
Frame 2gang, aluminium matt, 2gang	<b>* 1012 99 39</b>	10
Frame 3gang, aluminium matt, 3gang	<b>* 1013 99 39</b>	10
Frame 4gang, aluminium matt, 4gang	<b>* 1014 99 39</b>	2
Frame 5gang, aluminium matt, 5gang	<b>* 1015 99 39</b>	2



**Frame**

- for emphasising special switches, socket outlets, etc.
- for vertical and horizontal mounting

**i 974**

DESIGN	ORDER NO.	PU
Frame 1gang, red glossy, 1gang	<b>1011 89 62</b>	10
Frame 2gang, red glossy, 2gang	<b>1012 89 62</b>	2
Frame 3gang, red glossy, 3gang	<b>1013 89 62</b>	2
Frame 4gang, red glossy, 4gang	<b>1014 89 62</b>	2
Frame 5gang, red glossy, 5gang	<b>1015 89 62</b>	2



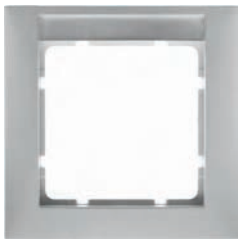
**Frame**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
Frame 1gang, white glossy, 1gang	<b>1011 89 12</b>	10
Frame 2gang vertical, white glossy, 2gang vertical	<b>1012 89 12</b>	10
Frame 3gang vertical, white glossy, 3gang vertical	<b>1013 89 12</b>	10
Frame 2gang horizontal, white glossy, 2gang horizontal	<b>1022 89 12</b>	10
Frame 3gang horizontal, white glossy, 3gang horizontal	<b>1023 89 12</b>	10



**Frame**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
Frame 1gang, polar white glossy, 1gang	<b>1011 89 19</b>	10
Frame 2gang vertical, polar white glossy, 2gang vertical	<b>1012 89 19</b>	10
Frame 3gang vertical, polar white glossy, 3gang vertical	<b>1013 89 19</b>	10
Frame 2gang horizontal, polar white glossy, 2gang horizontal	<b>1022 89 19</b>	10
Frame 3gang horizontal, polar white glossy, 3gang horizontal	<b>1023 89 19</b>	10
Frame 1gang, polar white matt, 1gang	<b>1011 99 19</b>	10
Frame 2gang vertical, polar white matt, 2gang vertical	<b>1012 99 19</b>	10
Frame 3gang vertical, polar white matt, 3gang vertical	<b>1013 99 19</b>	10
Frame 2gang horizontal, polar white matt, 2gang horizontal	<b>1022 99 19</b>	10
Frame 3gang horizontal, polar white matt, 3gang horizontal	<b>1023 99 19</b>	10



**Frame**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
Frame 1gang, anthracite matt, 1gang	<b>* 1011 99 69</b>	10
Frame 2gang vertical, anthracite matt, 2gang vertical	<b>* 1012 99 69</b>	10
Frame 3gang vertical, anthracite matt, 3gang vertical	<b>* 1013 99 69</b>	10
Frame 2gang horizontal, anthracite matt, 2gang horizontal	<b>* 1022 99 69</b>	10
Frame 3gang horizontal, anthracite matt, 3gang horizontal	<b>* 1023 99 69</b>	10



**Frame**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
Frame 1gang, aluminium matt, 1gang	* 1011 99 59	10
Frame 2gang vertical, aluminium matt, 2gang vertical	* 1012 99 59	10
Frame 3gang vertical, aluminium matt, 3gang vertical	* 1013 99 59	10
Frame 2gang horizontal, aluminium matt, 2gang horizontal	* 1022 99 59	10
Frame 3gang horizontal, aluminium matt, 3gang horizontal	* 1023 99 59	10

**Frame with large cut-out**

- For vertical mounting
- Not suitable for surface-mounted housing.



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
white glossy	<b>1309 89 82</b>	10



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1309 89 89</b>	10
polar white matt	<b>1309 99 09</b>	10



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	734
Push-button 4gang comfort	7516 47 85	797
Push-button 4gang for light scenes	7516 88 85	799
Push-button 3gang with thermostat	7566 37 85	801
Push-button 5gang with thermostat	7566 57 85	801

**i 974**

DESIGN	ORDER NO.	PU
anthracite matt	* <b>1309 99 49</b>	10



**NEW**



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	734
Push-button 4gang comfort	7516 47 85	797
Push-button 4gang for light scenes	7516 88 85	799
Push-button 3gang with thermostat	7566 37 85	801
Push-button 5gang with thermostat	7566 57 85	801

**i 974**

DESIGN	ORDER NO.	PU
aluminium matt	<b>* 1309 99 39</b>	10

**SURFACE-MOUNTED HOUSINGS**

**NEW**



**Housing surface-mounted**

Insertion depth 37 mm

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface
- for vertical and horizontal mounting

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Entries/connectors		page 690

DESIGN	ORDER NO.	PU
white glossy, 1gang	<b>1041 89 82</b>	10
white glossy, 2gang	<b>1042 89 82</b>	5
white glossy, 3gang	<b>1043 89 82</b>	5
polar white glossy, 1gang	<b>1041 89 89</b>	10
polar white glossy, 2gang	<b>1042 89 89</b>	5
polar white glossy, 3gang	<b>1043 89 89</b>	5
polar white matt, 1gang	<b>1041 99 09</b>	10
polar white matt, 2gang	<b>1042 99 09</b>	5
polar white matt, 3gang	<b>1043 99 09</b>	5
anthracite matt, 1gang	<b>* 1041 99 49</b>	10
anthracite matt, 2gang	<b>* 1042 99 49</b>	5
anthracite matt, 3gang	<b>* 1043 99 49</b>	5
aluminium matt, 1gang	<b>* 1041 99 39</b>	10
aluminium matt, 2gang	<b>* 1042 99 39</b>	5
aluminium matt, 3gang	<b>* 1043 99 39</b>	5

S.1  
B.3  
B.7

BERKER B.3



**B.**  
Berker

FRAME	254-258
SURFACE-MOUNTED HOUSINGS	258

Contrasts enrich life, and, with B.3, contrasts are essentially built in. Highly-individual combinations can be created from a wide range of frame variants with polar white and anthracite rockers and central inserts. An absolute innovation are the B.3 frames, made of black, brown, gold or red anodised aluminium.

- Incisive design with high-quality aluminium frame
- Integrates perfectly into any modern interior design style – whether in the home or office
- Combination frames allow you to combine up to 5 devices vertically or horizontally.



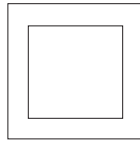
# BERKER B.3

## DIMENSIONS / PRODUCT EXAMPLES



Frame, 1gang

W 90.7 mm x H 81.1 mm, 1gang



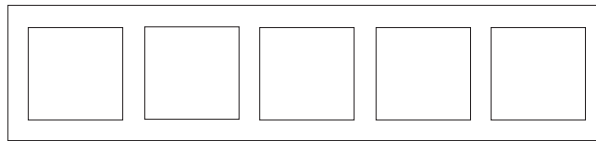
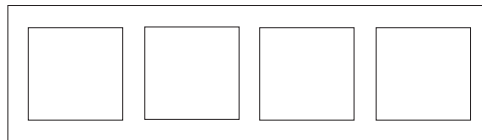
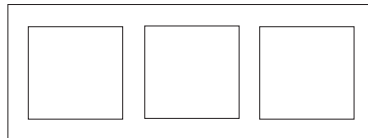
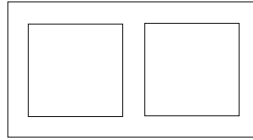
Frame, 2 to 5gang, horizontal

W 152.1 mm x H 90.7 mm, 2gang

W 223.1 mm x H 90.7 mm, 3gang

W 294.1 mm x H 90.7 mm, 4gang

W 365.1 mm x H 90.7 mm, 5gang



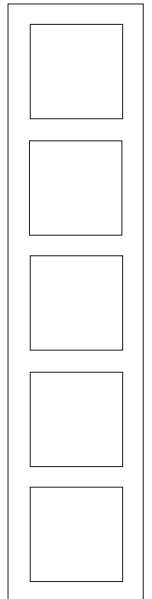
Frames 2 to 5gang, vertical

H 152.1 mm x W 90.7 mm, 2gang

H 223.1 mm x W 90.7 mm, 3gang

H 294.1 mm x W 90.7 mm, 4gang

H 365.1 mm x W 90.7 mm, 5gang



## PRODUCT EXAMPLES





SURFACES  
FRAMES

Aluminium  
black  
brown  
red  
gold

COVERS /  
CENTRAL INSERTS

Plastic, matt  
Anthracite similar to RAL 7021  
Polar white similar to RAL 9010  
  
Plastic, glossy  
Polar white similar to RAL 9010

CENTRAL PLATES

Plastic, matt  
Anthracite similar to RAL 7021  
Polar white similar to RAL 9010  
  
Plastic, glossy  
Polar white similar to RAL 9010



**FRAME**

- For vertical and horizontal mounting
- Metal, aluminum profile



**Frame**

**i 974**

DESIGN	ORDER NO.	PU
Aluminium/polar white matt, aluminium anodised, 1gang	<b>1011 39 04</b>	10
Aluminium/polar white matt, aluminium anodised, 2gang	<b>1012 39 04</b>	10
Aluminium/polar white matt, aluminium anodised, 3gang	<b>1013 39 04</b>	10
Aluminium/polar white matt, aluminium anodised, 4gang	<b>1014 39 04</b>	2
Aluminium/polar white matt, aluminium anodised, 5gang	<b>1015 39 04</b>	2



**Frame**

**i 974**

DESIGN	ORDER NO.	PU
aluminium/anthracite matt, aluminium anodised, 1gang	<b>1011 30 04</b>	10
aluminium/anthracite matt, aluminium anodised, 2gang	<b>1012 30 04</b>	10
aluminium/anthracite matt, aluminium anodised, 3gang	<b>1013 30 04</b>	10
aluminium/anthracite matt, aluminium anodised, 4gang	<b>1014 30 04</b>	2
aluminium/anthracite matt, aluminium anodised, 5gang	<b>1015 30 04</b>	2



**Frame**

**i 974**

DESIGN	ORDER NO.	PU
Aluminium black/polar white matt, aluminium anodised, 1gang	<b>* 1011 30 25</b>	10
Aluminium black/polar white matt, aluminium anodised, 2gang	<b>* 1012 30 25</b>	10
Aluminium black/polar white matt, aluminium anodised, 3gang	<b>* 1013 30 25</b>	10
Aluminium black/polar white matt, aluminium anodised, 4gang	<b>* 1014 30 25</b>	2
Aluminium black/polar white matt, aluminium anodised, 5gang	<b>* 1015 30 25</b>	2



**Frame**

**i 974**

DESIGN	ORDER NO.	PU
Aluminium black/anthracite matt, aluminium anodised, 1gang	<b>* 1011 30 05</b>	10
Aluminium black/anthracite matt, aluminium anodised, 2gang	<b>* 1012 30 05</b>	10
Aluminium black/anthracite matt, aluminium anodised, 3gang	<b>* 1013 30 05</b>	10
Aluminium black/anthracite matt, aluminium anodised, 4gang	<b>* 1014 30 05</b>	2
Aluminium black/anthracite matt, aluminium anodised, 5gang	<b>* 1015 30 05</b>	2



**Frame**

**i 974**

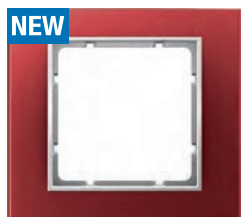
DESIGN	ORDER NO.	PU
Aluminium brown/polar white matt, aluminium anodised, 1gang	* 1011 30 21	10
Aluminium brown/polar white matt, aluminium anodised, 2gang	* 1012 30 21	10
Aluminium brown/polar white matt, aluminium anodised, 3gang	* 1013 30 21	10
Aluminium brown/polar white matt, aluminium anodised, 4gang	* 1014 30 21	2
Aluminium brown/polar white matt, aluminium anodised, 5gang	* 1015 30 21	2



**Frame**

**i 974**

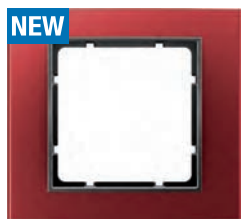
DESIGN	ORDER NO.	PU
Aluminium brown/anthracite matt, aluminium anodised, 1gang	* 1011 30 01	10
Aluminium brown/anthracite matt, aluminium anodised, 2gang	* 1012 30 01	10
Aluminium brown/anthracite matt, aluminium anodised, 3gang	* 1013 30 01	10
Aluminium brown/anthracite matt, aluminium anodised, 4gang	* 1014 30 01	2
Aluminium brown/anthracite matt, aluminium anodised, 5gang	* 1015 30 01	2



**Frame**

**i 974**

DESIGN	ORDER NO.	PU
Aluminium red/polar white matt, aluminium anodised, 1gang	* 1011 30 22	10
Aluminium red/polar white matt, aluminium anodised, 2gang	* 1012 30 22	10
Aluminium red/polar white matt, aluminium anodised, 3gang	* 1013 30 22	10
Aluminium red/polar white matt, aluminium anodised, 4gang	* 1014 30 22	2
Aluminium red/polar white matt, aluminium anodised, 5gang	* 1015 30 22	2



**Frame**

**i 974**

DESIGN	ORDER NO.	PU
Aluminium red/anthracite matt, aluminium anodised, 1gang	* 1011 30 12	10
Aluminium red/anthracite matt, aluminium anodised, 2gang	* 1012 30 12	10
Aluminium red/anthracite matt, aluminium anodised, 3gang	* 1013 30 12	10
Aluminium red/anthracite matt, aluminium anodised, 4gang	* 1014 30 12	2
Aluminium red/anthracite matt, aluminium anodised, 5gang	* 1015 30 12	2



**Frame**

**i 974**

DESIGN	ORDER NO.	PU
Aluminium gold/polar white matt, aluminium anodised, 1gang	★ <b>1011 30 46</b>	10
Aluminium gold/polar white matt, aluminium anodised, 2gang	★ <b>1012 30 46</b>	10
Aluminium gold/polar white matt, aluminium anodised, 3gang	★ <b>1013 30 46</b>	10
Aluminium gold/polar white matt, aluminium anodised, 4gang	★ <b>1014 30 46</b>	2
Aluminium gold/polar white matt, aluminium anodised, 5gang	★ <b>1015 30 46</b>	2



**Frame**

**i 974**

DESIGN	ORDER NO.	PU
Aluminium gold/anthracite matt, aluminium anodised, 1gang	★ <b>1011 30 16</b>	10
Aluminium gold/anthracite matt, aluminium anodised, 2gang	★ <b>1012 30 16</b>	10
Aluminium gold/anthracite matt, aluminium anodised, 3gang	★ <b>1013 30 16</b>	10
Aluminium gold/anthracite matt, aluminium anodised, 4gang	★ <b>1014 30 16</b>	2
Aluminium gold/anthracite matt, aluminium anodised, 5gang	★ <b>1015 30 16</b>	2

**Frame with large cut-out**

- For vertical mounting
- Metal, aluminum profile
- Not suitable for surface-mounted housing.



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
Aluminium/polar white matt, aluminium anodised	<b>1309 39 04</b>	1



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	734
Push-button 4gang comfort	7516 47 85	797
Push-button 4gang for light scenes	7516 88 85	799
Push-button 3gang with thermostat	7566 37 85	801
Push-button 5gang with thermostat	7566 57 85	801

**i 974**

DESIGN	ORDER NO.	PU
aluminium/anthracite matt, aluminium anodised	<b>1309 30 04</b>	1



**NEW**



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
Aluminium black/polar white matt, aluminium anodised	* <b>1309 30 25</b>	1

**NEW**



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	734
Push-button 4gang comfort	7516 47 85	797
Push-button 4gang for light scenes	7516 88 85	799
Push-button 3gang with thermostat	7566 37 85	801
Push-button 5gang with thermostat	7566 57 85	801

**i 974**

DESIGN	ORDER NO.	PU
Aluminium black/anthracite matt, aluminium anodised	* <b>1309 30 05</b>	1

**NEW**



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
Aluminium brown/polar white matt, aluminium anodised	* <b>1309 30 21</b>	1

**NEW**



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	734
Push-button 4gang comfort	7516 47 85	797
Push-button 4gang for light scenes	7516 88 85	799
Push-button 3gang with thermostat	7566 37 85	801
Push-button 5gang with thermostat	7566 57 85	801

**i 974**

DESIGN	ORDER NO.	PU
Aluminium brown/anthracite matt, aluminium anodised	* <b>1309 30 01</b>	1

**NEW**



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
Aluminium red/polar white matt, aluminium anodised	* <b>1309 30 22</b>	1



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	734
Push-button 4gang comfort	7516 47 85	797
Push-button 4gang for light scenes	7516 88 85	799
Push-button 3gang with thermostat	7566 37 85	801
Push-button 5gang with thermostat	7566 57 85	801

**i 974**

DESIGN	ORDER NO.	PU
Aluminium red/anthracite matt, aluminium anodised	<b>* 1309 30 12</b>	1



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
Aluminium gold/polar white matt, aluminium anodised	<b>* 1309 30 46</b>	1



**Frame with large cut-out**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	734
Push-button 4gang comfort	7516 47 85	797
Push-button 4gang for light scenes	7516 88 85	799
Push-button 3gang with thermostat	7566 37 85	801
Push-button 5gang with thermostat	7566 57 85	801

**i 974**

DESIGN	ORDER NO.	PU
Aluminium gold/anthracite matt, aluminium anodised	<b>* 1309 30 16</b>	1

**SURFACE-MOUNTED HOUSINGS**



**Housing surface-mounted**

Insertion depth 37 mm

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

- with cable and duct entry
- entry at top and bottom possible
- for mounting on combustible base surface

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Entries/connectors		page 690

DESIGN	ORDER NO.	PU
polar white matt, 1gang	<b>1041 19 09</b>	10
polar white matt, 2gang vertical	<b>1042 19 09</b>	5
polar white matt, 3gang vertical	<b>1043 19 09</b>	5
anthracite matt, 1gang	<b>1041 16 06</b>	10
anthracite matt, 2gang vertical	<b>1042 16 06</b>	5
anthracite matt, 3gang vertical	<b>1043 16 06</b>	5



BERKER B.7



14 x 11,84 160  
925 1104 3 110  
240



**B.**  
Berker

Gives every switch the right frame: In addition to glass frame varieties, the Berker B.7 is now available with plastic, stainless steel and aluminium frames. This version is a harmonious addition to the switches of the Berker TS Sensor and Berker B.IQ ranges.

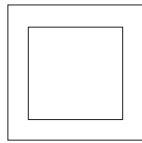
- High-quality designs in glass, stainless steel, aluminium and plastic
- Complements Berker TS Sensor and Berker B.IQ
- Multiple frames vertical or horizontal for up to five devices

# BERKER B.7

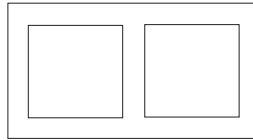
## DIMENSIONS / PRODUCT EXAMPLES



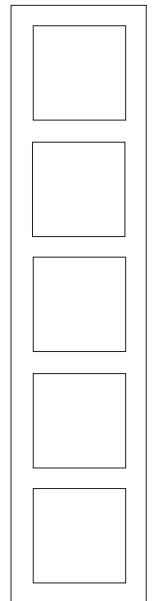
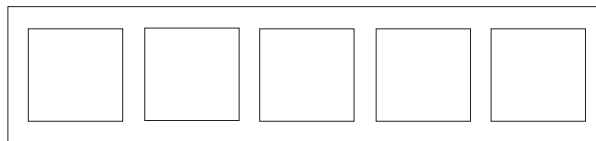
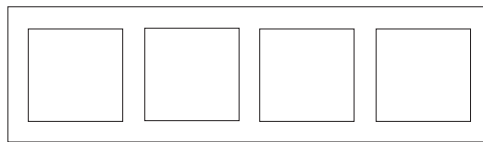
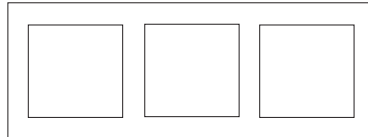
Frame, 1-gang  
W 95 mm x H 90 mm, 1gang



Frame, 2 to 5gang, horizontal  
W 161 mm x H 95 mm, 2gang  
W 232 mm x H 95 mm, 3gang  
W 303 mm x H 95 mm, 4gang  
W 384 mm x H 95 mm, 5gang



Frames 2 to 5gang, vertical  
H 161 mm x W 95 mm, 2gang  
H 232 mm x W 95 mm, 3gang  
H 303 mm x W 95 mm, 4gang  
H 384 mm x W 95 mm, 5gang



## PRODUCT EXAMPLES





**SURFACES  
FRAMES**

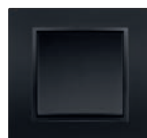
Glass, glossy, print on the back  
 Polar white\* similar to RAL 9010  
 Black similar to RAL 9005  
 Aluminium similar to RAL 9006  
 Plastic, matt  
 Polar white similar to RAL 9010  
 Anthracite similar to RAL 9005  
 Aluminium, lacquered similar to RAL 9006  
 Metal  
 Aluminium  
 Stainless steel

**COVERS /  
CENTRAL INSERTS**

Plastic, matt  
 Polar white similar to RAL 9010  
 Anthracite similar to RAL 7021  
 Aluminium, lacquered similar to RAL 9006  
 Plastic, glossy  
 Polar white similar to RAL 9010

**CENTRAL PLATES**

Plastic, matt  
 Anthracite similar to RAL 7021  
 Polar white similar to RAL 9010  
 Plastic, glossy  
 Polar white similar to RAL 9010



\* New shade

**FRAME**

- Not suitable for surface-mounted housing
- For vertical and horizontal mounting

**NEW**



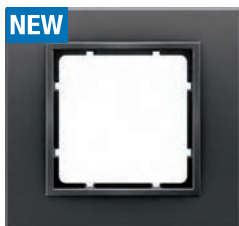
**Frame**

- plastic

**i 974**

DESIGN	ORDER NO.	PU
polar white matt, 1gang	★ 1011 69 19	10
polar white matt, 2gang	★ 1012 69 19	5
polar white matt, 3gang	★ 1013 69 19	5
polar white matt, 4gang	★ 1014 69 19	1
polar white matt, 5gang	★ 1015 69 19	1

**NEW**



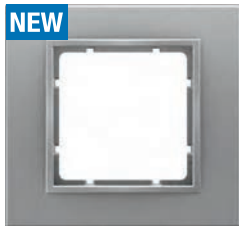
**Frame**

- plastic

**i 974**

DESIGN	ORDER NO.	PU
anthracite matt, 1gang	★ 1011 66 26	10
anthracite matt, 2gang	★ 1012 66 26	5
anthracite matt, 3gang	★ 1013 66 26	5
anthracite matt, 4gang	★ 1014 66 26	1
anthracite matt, 5gang	★ 1015 66 26	1

**NEW**



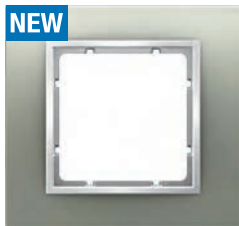
**Frame**

- plastic

**i 974**

DESIGN	ORDER NO.	PU
aluminium matt, lacquered, 1gang	★ 1011 64 24	10
aluminium matt, lacquered, 2gang	★ 1012 64 24	5
aluminium matt, lacquered, 3gang	★ 1013 64 24	5
aluminium matt, lacquered, 4gang	★ 1014 64 24	1
aluminium matt, lacquered, 5gang	★ 1015 64 24	1

**NEW**



**Frame**

- metal, aluminum profile anodized

**i 974**

DESIGN	ORDER NO.	PU
Aluminium/polar white matt, aluminium anodised, 1gang	★ 1011 69 14	10
Aluminium/polar white matt, aluminium anodised, 2gang	★ 1012 69 14	5
Aluminium/polar white matt, aluminium anodised, 3gang	★ 1013 69 14	5
Aluminium/polar white matt, aluminium anodised, 4gang	★ 1014 69 14	1
Aluminium/polar white matt, aluminium anodised, 5gang	★ 1015 69 14	1

**NEW**



**Frame**

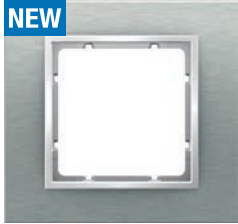
- metal, aluminum profile anodized

**i 974**

DESIGN	ORDER NO.	PU
aluminium/anthracite matt, aluminium anodised, 1gang	★ 1011 69 04	10
aluminium/anthracite matt, aluminium anodised, 2gang	★ 1012 69 04	5
aluminium/anthracite matt, aluminium anodised, 3gang	★ 1013 69 04	5
aluminium/anthracite matt, aluminium anodised, 4gang	★ 1014 69 04	1
aluminium/anthracite matt, aluminium anodised, 5gang	★ 1015 69 04	1



**NEW**



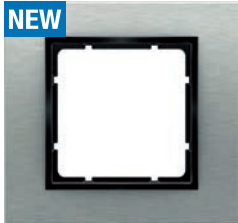
**Frame**

■ metal, stainless steel, brushed

**i 974**

DESIGN	ORDER NO.	PU
Stainless steel/polar white matt, metal brushed, 1gang	* 1011 36 09	10
Stainless steel/polar white matt, metal brushed, 2gang vertical	* 1012 36 09	5
Stainless steel/polar white matt, metal brushed, 3gang vertical	* 1013 36 09	5
Stainless steel/polar white matt, metal brushed, 4gang vertical	* 1014 36 09	1
Stainless steel/polar white matt, metal brushed, 5gang vertical	* 1015 36 09	1
Stainless steel/polar white matt, metal brushed, 2gang horizontal	* 1022 36 09	5
Stainless steel/polar white matt, metal brushed, 3gang horizontal	* 1023 36 09	5
Stainless steel/polar white matt, metal brushed, 4gang horizontal	* 1024 36 09	1
Stainless steel/polar white matt, metal brushed, 5gang horizontal	* 1025 36 09	1

**NEW**



**Frame**

■ metal, stainless steel, brushed

**i 974**

DESIGN	ORDER NO.	PU
Stainless steel/anthracite matt, metal brushed, 1gang	* 1011 36 06	10
Stainless steel/anthracite matt, metal brushed, 2gang vertical	* 1012 36 06	5
Stainless steel/anthracite matt, metal brushed, 3gang vertical	* 1013 36 06	5
Stainless steel/anthracite matt, metal brushed, 4gang vertical	* 1014 36 06	1
Stainless steel/anthracite matt, metal brushed, 5gang vertical	* 1015 36 06	1
Stainless steel/anthracite matt, metal brushed, 2gang horizontal	* 1022 36 06	5
Stainless steel/anthracite matt, metal brushed, 3gang horizontal	* 1023 36 06	5
Stainless steel/anthracite matt, metal brushed, 4gang horizontal	* 1024 36 06	1
Stainless steel/anthracite matt, metal brushed, 5gang horizontal	* 1025 36 06	1



**Frame**

■ toughened glass

**i 974**

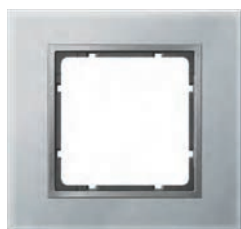
DESIGN	ORDER NO.	PU
glass polar white/polar white matt, 1gang	1011 69 09	10
glass polar white/polar white matt, 2gang	1012 69 09	5
glass polar white/polar white matt, 3gang	1013 69 09	5
glass polar white/polar white matt, 4gang	1014 69 09	1
glass polar white/polar white matt, 5gang	1015 69 09	1



**Frame**

■ toughened glass

DESIGN	ORDER NO.	PU
glass black/anthracite matt, 1gang	1011 66 16	10
glass black/anthracite matt, 2gang	1012 66 16	5
glass black/anthracite matt, 3gang	1013 66 16	5
glass black/anthracite matt, 4gang	1014 66 16	1
glass black/anthracite matt, 5gang	1015 66 16	1



**Frame**

- toughened glass

**i 974**

DESIGN	ORDER NO.	PU
glass aluminium/aluminium matt, lacquered, 1gang	<b>1011 64 14</b>	10
glass aluminium/aluminium matt, lacquered, 2gang	<b>1012 64 14</b>	5
glass aluminium/aluminium matt, lacquered, 3gang	<b>1013 64 14</b>	5
glass aluminium/aluminium matt, lacquered, 4gang	<b>1014 64 14</b>	1
glass aluminium/aluminium matt, lacquered, 5gang	<b>1015 64 14</b>	1

**Frame with large cut-out**

- For vertical mounting
- Not suitable for surface-mounted housing.



**Frame with large cut-out**

- plastic

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
polar white matt, lacquered	★ <b>1309 69 19</b>	2



**Frame with large cut-out**

- plastic

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	734
Push-button 4gang comfort	7516 47 85	797
Push-button 4gang for light scenes	7516 88 85	799
Push-button 3gang with thermostat	7566 37 85	801
Push-button 5gang with thermostat	7566 57 85	801

**i 974**

DESIGN	ORDER NO.	PU
anthracite matt, lacquered	★ <b>1309 66 26</b>	2



**Frame with large cut-out**

- plastic

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
aluminium matt, lacquered	★ <b>1309 64 24</b>	2

**NEW**



**Frame with large cut-out**

- metal, aluminum profile anodized

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
Aluminium/polar white matt, aluminium anodised	* <b>1309 69 14</b>	2

**NEW**



**Frame with large cut-out**

- metal, aluminum profile anodized

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	734
Push-button 4gang comfort	7516 47 85	797
Push-button 4gang for light scenes	7516 88 85	799
Push-button 3gang with thermostat	7566 37 85	801
Push-button 5gang with thermostat	7566 57 85	801

**i 974**

DESIGN	ORDER NO.	PU
aluminium/anthracite matt, aluminium anodised	* <b>1309 69 04</b>	2

**NEW**



**Frame with large cut-out**

- stainless steel surface, brushed transversely

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
Stainless steel/polar white matt, metal brushed	* <b>1309 36 09</b>	2

**NEW**



**Frame with large cut-out**

- stainless steel surface, brushed transversely

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	734
Push-button 4gang comfort	7516 47 85	797
Push-button 4gang for light scenes	7516 88 85	799
Push-button 3gang with thermostat	7566 37 85	801
Push-button 5gang with thermostat	7566 57 85	801

**i 974**

DESIGN	ORDER NO.	PU
Stainless steel/anthracite matt, metal brushed	* <b>1309 36 06</b>	2



**Glass frame with large cut-out**

- toughened glass

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
glass polar white/polar white matt	<b>1309 69 09</b>	2



**Glass frame with large cut-out**

- toughened glass

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	734
Push-button 4gang comfort	7516 47 85	797
Push-button 4gang for light scenes	7516 88 85	799
Push-button 3gang with thermostat	7566 37 85	801
Push-button 5gang with thermostat	7566 57 85	801

**i 974**

DESIGN	ORDER NO.	PU
glass black/anthracite matt	<b>1309 66 16</b>	2



**Glass frame with large cut-out**

- toughened glass

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	734
Push-button 4gang comfort	7516 47 80	797
Push-button 4gang for light scenes	7516 88 80	799
Push-button 3gang with thermostat	7566 37 80	801
Push-button 5gang with thermostat	7566 57 80	801

**i 974**

DESIGN	ORDER NO.	PU
glass aluminium/aluminium matt, lacquered	<b>1309 64 14</b>	2



MODUL 2



**B.**  
Berker

SCHUKO SOCKET OUTLETS	274-280
INTERNATIONAL SOCKET OUTLET SYSTEMS	280-285
SWITCHES/PUSH-BUTTONS	285
COVERS FOR SWITCHES/PUSH-BUTTONS	285-288
TIMERS	289-290
DIMMERS AND COVERS	290-291
BLC - BERKER LIGHT CONTROL	291-292
COVERS FOR BLIND SWITCHES/ PUSH-BUTTONS	292-294
ROLLOTEC	294-296
HVAC CONTROLLERS AND COVERS	296-298
COMMUNICATION/MULTIMEDIA TECHNOLOGY	299-303
CONSUMER ELECTRONICS	303-304
COVERS FOR PILOT LAMPS	304-305
SUPPLEMENTARY PRODUCTS	305-306
HOTEL APPLICATIONS	306
BARRIER-FREE CONSTRUCTION	307-308
HOSPITAL INSTALLATION	308-314
FRAME	314-315
SURFACE MOUNTED FRAMES	315

A programme with clear lines, for almost any room or function. And the whole thing comes with an attractive price-performance ratio: Modul 2 is the simplest switch solution there is.

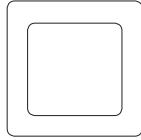
- Perfect for housing and commercial buildings
- With a glossy white or polar white surface
- Multiple frames vertical or horizontal for up to five devices

## MODUL 2

### DIMENSIONS / PRODUCT EXAMPLES

Frames, 1gang

W 81 mm x H 81 mm, 1gang



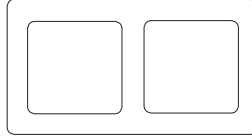
Frames, 2 to 5gang, horizontal

W 152 mm x H 81 mm, 2gang

W 222.5 mm x H 81 mm, 3gang

W 293.5 mm x H 81 mm, 4gang

W 364.5 mm x H 81 mm, 5gang



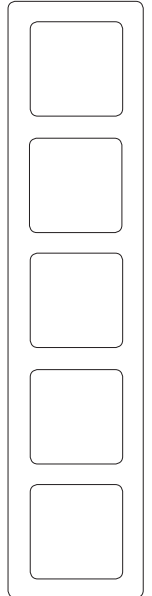
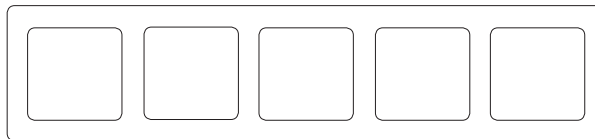
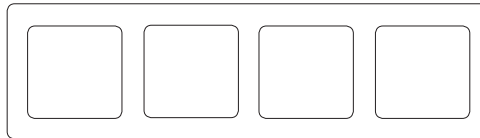
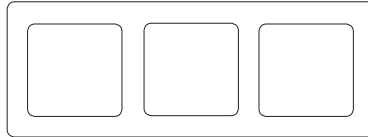
Frames, 2 to 5gang, vertical

H 152 mm x W 81 mm, 2gang

H 222.5 mm x W 81 mm, 3gang

H 293.5 mm x W 81 mm, 4gang

H 364.5 mm x W 81 mm, 5gang



### PRODUCT EXAMPLES







SURFACES  
FRAMES / COVERS / CENTRAL INSERTS

Plastic, glossy

White	similar to RAL 1013
Polar white	similar to RAL 9010
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003
Yellow	similar to RAL 1004
Black	similar to RAL 9005



**SCHUKO SOCKET OUTLETS**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

**SCHUKO socket outlets**



**SCHUKO socket outlet**

Rated voltage 250 V~ ■ with plug-in terminals  
Rated current 16 A

**i 911**



DESIGN	ORDER NO.	PU
white glossy	# 4743 02	10
polar white glossy	# 4743 09	10



**SCHUKO socket outlet**

**- enhanced contact protection** ■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A



DESIGN	ORDER NO.	PU
white glossy	# 4723 02	10
polar white glossy	# 4723 09	10



**SCHUKO socket outlet**

**- Screw-in lift terminals** ■ with screw-in lift terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A



DESIGN	ORDER NO.	PU
white glossy	# 4143 02	10
polar white glossy	# 4143 09	10



**SCHUKO socket outlet**

**- Labelling field** ■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.



DESIGN	ORDER NO.	PU
white glossy	# 4749 02	10
polar white glossy	# 4749 09	10



**SCHUKO socket outlet**

- Labelling field
- enhanced contact protection

■ with plug-in terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.



DESIGN	ORDER NO.	PU
white glossy	# 4756 02	10
polar white glossy	# 4756 09	10



**SCHUKO socket outlet with centre plate 50 x 50 mm**

Rated voltage 250 V~  
Rated current 16 A

■ with plug-in terminals

**i 911**

Suitable for installation without frame in Ackermann and Tehalit 50 x 50 mm cable ducts.

With centre plate as per according to DIN 49075



DESIGN	ORDER NO.	PU
white glossy	# 4703	10
polar white glossy	# 4703 09	10



**SCHUKO socket outlet with centre plate 50 x 50 mm**

- enhanced contact protection
- Screw-in lift terminals

■ with screw-in lift terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Suitable for installation without frame in Ackermann and Tehalit 50 x 50 mm cable ducts.

With centre plate as per according to DIN 49075



DESIGN	ORDER NO.	PU
white glossy	# 4123	10



**SCHUKO socket outlet 45°**

Rated voltage 250 V~  
Rated current 16 A

■ for diagonal installation

■ with plug-in terminals

**i 911**

Specially suited to combinations of several socket outlets if right angle plugs are used.



DESIGN	ORDER NO.	PU
white glossy	# 4727 02	10
polar white glossy	# 4727 09	10



Modul 2



**SCHUKO socket outlet with control LED**

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

■ with screw-in lift terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.



DESIGN	ORDER NO.	PU
white glossy	# 4110 02	10
polar white glossy	# 4110 09	10



**SCHUKO socket outlet with cover plate**

Rated voltage 250 V~  
Rated current 16 A

■ with plug-in terminals

**i 911**



DESIGN	ORDER NO.	PU
polar white glossy	# 4742 09	10
white glossy	# 4742 02	10



**SCHUKO socket outlet with cover plate**

- enhanced contact protection

■ with plug-in terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A



DESIGN	ORDER NO.	PU
polar white glossy	# 4722 09	10
white glossy	# 4722 02	10



**Double SCHUKO socket outlet with cover plate**

Rated voltage 250 V~  
Rated current 16 A  
Assembling height 22 mm

■ with plug-in terminals

**i 911**

For installation in 1gang wall boxes according to according to DIN 49073-1



DESIGN	ORDER NO.	PU
white glossy	# 4754 02	10
polar white glossy	# 4754 09	10



**Double SCHUKO socket outlet with cover plate**

- enhanced contact protection

- with plug-in terminals



**i 911**

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1



DESIGN	ORDER NO.	PU
white glossy	# 4729 02	10
polar white glossy	# 4729 09	10



**3gang SCHUKO socket outlet with cover plate**

Rated voltage	250 V~	■ without spreader claws
Rated current	16 A	■ without wall box
Installation time	≈ 2 min	■ through-wiring possible
Conductor cross-section	2.5 mm <sup>2</sup>	■ common base, connected-through
Pre-assembled cables	≈ 1 m	■ with plug-in terminals

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

**i 911**



DESIGN	ORDER NO.	PU
white glossy	# 4766 02	5
polar white glossy	# 4766 09	5

**SCHUKO socket outlets with hinged cover**



**SCHUKO socket outlet with hinged cover**

Rated voltage	250 V~	■ with imprint
Rated current	16 A	■ with plug-in terminals

**i 911**



DESIGN	ORDER NO.	PU
white glossy	# 4744 02	10
polar white glossy	# 4744 09	10



**SCHUKO socket outlet with hinged cover**

- Labelling field

- with plug-in terminals



**i 911**

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 9 mm.



DESIGN	ORDER NO.	PU
white glossy	# 4746 02	10
polar white glossy	# 4746 09	10

**SCHUKO socket outlets with safety device**



**SCHUKO socket outlet with overvoltage protection**

- Labelling field
- Screw terminals



- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals

Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A

**i 940**

Labelling field height arranged for P-touch strips 6 mm.  
Overvoltage protection to according to EN 61643 and VDE 0675-6-11



DESIGN	ORDER NO.	PU
white glossy	# 4108 02	1
polar white glossy	# 4108 09	1



**SCHUKO socket outlet with residual current circuit-breaker**

- enhanced contact protection



- type A for alternating currents and pulsating direct currents
- to protect connected and downstream loads
- with plug-in terminals

Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A  
Measurement error current 30 mA  
Trigger time ≤ 30 ms  
Surge current resistance 250 A (8/20) μs  
Short-circuit resistance (with back-up fuse 20 AgL) 3 kA

**i 967**

Through-wired socket outlets are also protected.  
Tested conform according to VDE 0664 (EN 61008)  
Suitable for use according to according to DIN VDE 0100-410



DESIGN	ORDER NO.	PU
white glossy	# 4708 02	1
polar white glossy	# 4708 09	1

**SCHUKO socket outlets for special applications**



**SCHUKO socket outlet**

Rated voltage 250 V~  
Rated current 16 A

- with plug-in terminals

Insert colour-coded.

**i 911**



DESIGN	ORDER NO.	PU
red glossy	# 4743 05	10
green glossy	# 4743 03	10
orange glossy	# 4743 04	10



**SCHUKO socket outlet**

- enhanced contact protection

■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.



DESIGN	ORDER NO.	PU
green glossy	# 4723 03	10
orange glossy	# 4723 04	10



**SCHUKO socket outlet with imprint**

Rated voltage 250 V~ ■ with plug-in terminals  
Rated current 16 A

**i 911**

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.



DESIGN	ORDER NO.	PU
SCHUKO socket outlet with "SV" imprint, green glossy, Imprint "SV"	# 4743 13	10
SCHUKO socket outlet with "ZSV" imprint, orange glossy, Imprint "ZSV"	# 4743 14	10



**SCHUKO socket outlet**

- Labelling field

■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.



DESIGN	ORDER NO.	PU
red glossy	# 4749 05	10
green glossy	# 4749 03	10
orange glossy	# 4749 04	10



**SCHUKO socket outlet with "EDV" imprint**

- Labelling field

■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.



DESIGN	ORDER NO.	PU
red glossy	# 4749 15	10



Modul 2



**SCHUKO socket outlet with control LED and imprint**

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.  
Labelling field height arranged for P-touch strips 6 mm.  
Execution SV, ZSV to according to VDE 0100-710

DESIGN	ORDER NO.	PU
red glossy, Imprint "EDV"	# 4110 15	10
green glossy, Imprint "SV"	# 4110 13	10
orange glossy, Imprint "ZSV"	# 4110 14	10



**SCHUKO socket outlet with overvoltage protection**

- Labelling field
- Screw terminals

- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals

**i 940**



Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.  
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

DESIGN	ORDER NO.	PU
red glossy	# 4108 62	1



**INTERNATIONAL SOCKET OUTLET SYSTEMS**

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

**Socket outlets without earthing contact**



**Socket outlet without earthing contact**

- Screw terminals

- 2pole
- without spreader claws
- with screw terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 7.8 mm

DESIGN	ORDER NO.	PU
white glossy	# 6161 03 02	10
polar white glossy	# 6161 03 09	10







**Socket outlet without earthing contact**

- enhanced contact protection
- Screw terminals



Rated voltage 250 V~  
 Rated current 16 A  
 Mirror depth 14.5 mm

- 2pole
- without spreader claws
- with screw terminals

**i 911**



DESIGN	ORDER NO.	PU
white glossy	# 6161 76 02	10
polar white glossy	# 6161 76 09	10



**Socket outlet without earthing contact with cover plate**

- Screw terminals



Rated voltage 250 V~  
 Rated current 16 A  
 Mirror depth 7.6 mm

- 2pole
- without spreader claws
- with screw terminals

**i 911**



DESIGN	ORDER NO.	PU
white glossy	# 6161 02 02	10
polar white glossy	# 6161 02 09	10



**Double socket outlet without earthing contact with cover plate**

Rated voltage 250 V~  
 Rated current 16 A  
 Mirror depth 5.7 mm

- 2pole
- without spreader claws
- with plug-in terminals

For installation in standard wall boxes according to according to DIN 49073-1

**i 911**



DESIGN	ORDER NO.	PU
white glossy	# 6167 54 02	10
polar white glossy	# 6167 54 09	10

**Socket outlets with earthing pin**



**Socket outlet with earthing pin**

- enhanced contact protection



Rated voltage 250 V~  
 Rated current 16 A  
 Mirror depth 14.5 mm

- 2pole + earth
- with plug-in terminals

**i 911**



DESIGN	ORDER NO.	PU
white glossy	# 6768 76 02	10
polar white glossy	# 6768 76 09	10





**Socket outlet with earthing pin**

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.5 mm



DESIGN	ORDER NO.	PU
white glossy	# 6765 76 02	10
polar white glossy	# 6765 76 09	10



**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A



DESIGN	ORDER NO.	PU
white glossy	# 6765 09 02	10
polar white glossy	# 6765 09 09	10



**Socket outlets with earthing pin and centre plate 50 x 50 mm**

- enhanced contact protection

- 2pole + earth
- with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.5 mm

With centre plate as per according to DIN 49075



DESIGN	ORDER NO.	PU
white glossy	# 6768 76 01	10



**Socket outlets with earthing pin and centre plate 50 x 50 mm**

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.5 mm

With centre plate as per according to DIN 49075



DESIGN	ORDER NO.	PU
white glossy	# 6765 76 01	10



**Socket outlet with earthing pin and cover plate**

- enhanced contact protection

- 2pole + earth
- with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.5 mm



DESIGN	ORDER NO.	PU
white glossy	# 6768 72 02	10
polar white glossy	# 6768 72 09	10

**Socket outlets with earthing pin for special applications**



**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection

- 2pole + earth
- with screw-in lift terminals

- Screw-in lift terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A



DESIGN	ORDER NO.	PU
red glossy	# 6765 09 15	10
green glossy	# 6765 09 13	10
orange glossy	# 6765 09 14	10

**British Standard socket outlets**



**Socket outlet with earthing contact BRITISH STANDARD, can be switched off**

- enhanced contact protection

- 2pole + earth
- without spreader claws
- with screw terminals
- without neon lamp

- Screw terminals



**i 911**

Rated voltage 250 V~  
Rated current 13 A

Equates to standard BS 1363: Part 2.  
Not for UK.  
For installation in standard wall boxes according to DIN 49073-1



DESIGN	ORDER NO.	PU
white	# 6347 02	10
polar white glossy	# 6347 09	10



**Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off**

- enhanced contact protection

- 2pole + earth
- without spreader claws
- with screw terminals

- Screw terminals



**SUITABLE FOR** Centre plate for socket outlets, British Standard, can be switched off  
**ORDER NO.** 33 1307 ..  
**PAGE** 442

Rated voltage 250 V~  
Rated current 13 A

DESIGN	ORDER NO.	PU
white glossy	* 3342 02 12	10
polar white glossy	* 3342 02 19	10
anthracite matt	* 3342 02 16	10
brown glossy	* 3342 02 11	10





**Centre plate for socket outlets, British Standard, can be switched off**

**SUITABLE FOR** Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off  
**ORDER NO.** 3342 02 ..  
**PAGE** 202

DESIGN	ORDER NO.	PU
white glossy	* <b>3313 07 02</b>	10
polar white glossy	* <b>3313 07 09</b>	10

**Euro-American Standard socket outlets**



**Socket outlet without earth contact with cover plate EURO-AMERICAN STANDARD**

- Screw terminals



- 2pole
- with screw terminals

Rated voltage 125 V~  
 Rated current 15 A

**SUITABLE FOR** Extension claw for attaching  
**ORDER NO.** 1913 ..  
**PAGE** 725

Only for Asia.



DESIGN	ORDER NO.	PU
white glossy	# <b>4170</b>	10



**Socket outlet without earth contact EURO-AMERICAN STANDARD**

- Screw terminals



- 2pole
- with screw terminals

Rated voltage 125 V~  
 Rated current 15 A

**SUITABLE FOR** Extension claw for attaching  
**ORDER NO.** 1913 ..  
**PAGE** 725

Only for Asia.



DESIGN	ORDER NO.	PU
white glossy	# <b>4171 02</b>	10
polar white glossy	# <b>4171 09</b>	10



**Combination SCHUKO socket outlet 2gang with frame**

Rated voltage 250 V~  
 Rated current 16 A

- without spreader claws
- with plug-in terminals
- special design for Attema
- 2 x 1gang, wired-through

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.



DESIGN	ORDER NO.	PU
polar white glossy	# <b>4720 02</b>	5
polar white glossy	# <b>4720 09</b>	5

**NEMA-socket outlets**



**Socket outlet with earthing contact USA/  
CANADA NEMA 5-15 R**

- Screw terminals



- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage 125 V~  
Rated current 15 A  
Conductor cross-section (rigid) max. 2 x 4 mm<sup>2</sup>  
Insertion depth 19 mm

**i 911**

Not UL-certified.  
Standard NEMA 5-15 R



DESIGN	ORDER NO.	PU
white glossy	# 4166 02	10
polar white glossy	# 4166 09	10



**Socket outlet with earthing contact USA/  
CANADA NEMA 5-20 R**

- Screw terminals



- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage 125 V~  
Rated current 20 A  
Conductor cross-section (rigid) max. 2 x 4 mm<sup>2</sup>  
Insertion depth 19 mm

**i 911**

Not UL-certified.  
Standard NEMA 5-20 R



DESIGN	ORDER NO.	PU
white glossy	# 4168 02	10
polar white glossy	# 4168 09	10

**SWITCHES/PUSH-BUTTONS**



**Push-button complete for stairway light**

- Screw terminals



- without neon lamp
- NO contact
- with insert, frame, centre plate and red button
- with screw terminals

Rated voltage 250 V~  
Momentary-contact current 2 A

**SUITABLE FOR** ORDER NO. PAGE  
Neon lamp E10 1601 75



DESIGN	ORDER NO.	PU
white glossy	# 5101 02	10

**COVERS FOR SWITCHES/PUSH-BUTTONS**

**Rockers**



**Rocker**

- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

**SUITABLE FOR** ORDER NO. PAGE  
Rocker switch page 22  
Rocker push-button page 22

DESIGN	ORDER NO.	PU
white glossy	# 1620 02	10
polar white glossy	# 1620 09	10



**Rocker screw-on**

- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
white glossy	# 1570 02	10
polar white glossy	# 1570 09	10



**Rocker**

**- Labelling field**



For labelling with names, notes etc.

Labelling field height designed for 9 mm P-touch strip.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
white glossy	# 1626 62	10
polar white glossy	# 1626 69	10



**Rocker**

**- Lens**



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
white glossy	# 1621 22	10
polar white glossy	# 1621 19	10



**Rocker screw-on**

**- Lens**



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
white glossy	# 1572 02	10
polar white glossy	# 1572 09	10



**Rocker**

**- Labelling field**

**- Lens**



For labelling with names, notes etc.

Labelling field height designed for 9 mm P-touch strip.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
white glossy	# 1628 02	10
polar white glossy	# 1628 09	10

**Rockers for multi-pole rocker switches**



**Rocker with imprint "0 - 1"**

**SUITABLE FOR** Multi-pole rocker switches **ORDER NO.** **PAGE** page 28

DESIGN	ORDER NO.	PU
white glossy	# 1622 02	10
polar white glossy	# 1622 09	10



**Rocker with imprint "0 - 1", screw-on**

■ with cover plug for screw fitting  
**SUITABLE FOR** Multi-pole rocker switches **ORDER NO.** **PAGE** page 28

DESIGN	ORDER NO.	PU
white glossy	# 1573 02	10
polar white glossy	# 1573 09	10



**Rocker with imprint "0 - 1"**

**- Red lens**



■ for illumination and monitoring circuit  
■ also for KNX applications: group push-button, 1gang  
**SUITABLE FOR** Multi-pole rocker switches **ORDER NO.** **PAGE** page 28

DESIGN	ORDER NO.	PU
white glossy	# 1624 62	10
polar white glossy	# 1624 69	10



**Rocker with imprint "0 - 1", screw-on**

**- Red lens**



■ for illumination and monitoring circuit  
■ with cover plug for screw fitting  
**SUITABLE FOR** Multi-pole rocker switches **ORDER NO.** **PAGE** page 28

DESIGN	ORDER NO.	PU
white glossy	# 1577 02	10
polar white glossy	# 1577 09	10

**Multiple Rockers**



**Rocker 2gang**

■ also for KNX applications: push-button, 2gang, and group push-button, 2gang  
**SUITABLE FOR** Rocker switch, 2gang  
Series push-button **ORDER NO.** **PAGE** page 30  
page 30

DESIGN	ORDER NO.	PU
white glossy	# 1623 02	10
polar white glossy	# 1623 09	10



**Rocker 2gang**

■ with cover plug for screw fitting  
**SUITABLE FOR** Rocker switch, 2gang  
Series push-button **ORDER NO.** **PAGE** page 30  
page 30

DESIGN	ORDER NO.	PU
white glossy	# 1571 02	10
polar white glossy	# 1571 09	10



**Rocker 2gang**

- Red lens



- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch, 2gang		page 30
Series push-button		page 30

DESIGN	ORDER NO.	PU
white glossy	# 1627 02	10
polar white glossy	# 1627 09	10

**Centre plates for pullcord switches/pullcord push-buttons**



**Centre plate for pullcord switch/pullcord push-button**

SUITABLE FOR	ORDER NO.	PAGE
Pullcord push-button, change-over contact with separate signal contact	3956 19	34
Pullcord switch off/change-over	3966	33

DESIGN	ORDER NO.	PU
white glossy	# 1146 02	10
polar white glossy	# 1146 09	10



**Centre plate for pullcord switch/pullcord push-button**

- Red lens



SUITABLE FOR	ORDER NO.	PAGE
Pullcord push-button, change-over contact with separate signal contact	3956 19	34
Pullcord switch off/change-over	3966	33

DESIGN	ORDER NO.	PU
white glossy	# 1149 02	10
polar white glossy	# 1149 09	10

**Centre plates for key switches/key push-buttons**



**Centre plate for key switch/key push-button**

- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Change-over switch 2pole for lock cylinders	3826 10	35
Push-button for lock cylinder	3856 20	35
Lock cylinder	1818 ..	79

DESIGN	ORDER NO.	PU
white glossy	# 1507 12	10
polar white glossy	# 1507 19	10

**Centre plates for protection switches**



**50 x 50 mm centre plate for RCD protection switch**

Caution!  
Use only with intermediate ring for 50 x 50 mm centre plate from the corresponding range.

SUITABLE FOR	ORDER NO.	PAGE
Residual current circuit-breaker	2844	36

DESIGN	ORDER NO.	PU
white glossy	1493 02	1
polar white glossy	1493 09	1



**TIMERS**

**Centre plates for mechanical timer**



**Centre plate for mechanical timer**

**SUITABLE FOR**  
Mechanical time switches

**ORDER NO.**      **PAGE**  
page 37

DESIGN      ORDER NO.      PU

**with time scale 15 min**

white glossy	# 1632 02	1
polar white glossy	# 1632 09	1

**with time scale 120 min**

white glossy	# 1633 02	1
polar white glossy	# 1633 09	1



**Timer comfort for sensors**

**- Display**



Countdown function

- 2 independent programme memories for everyday/holidays
- with slide switch from summer to winter time
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme
- after charging, the timer can also be programmed when removed.

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	39
<b>optional</b>		
RolloTec brightness sensor	169	128
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129

**i 912**



DESIGN      ORDER NO.      PU

white glossy	# 1738 02	1
polar white glossy	# 1738 09	1



**Timer comfort**

**- Display**



Countdown function

- 2 independent programme memories for everyday/holidays
- with slide switch from summer to winter time
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	39

**i 912**



DESIGN      ORDER NO.      PU

white glossy	# 1736 02	1
polar white glossy	# 1736 09	1



**Timer Easy**

**- Display**



- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode
- with automatic summer-/winter time switching (can be switched off)

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Insert for timer	2948	39

**i 912**



DESIGN	ORDER NO.	PU
white glossy	# 1735 02	1
polar white glossy	# 1735 09	1

**DIMMERS AND COVERS**

**Rotary dimmer with cover plate**



**Rotary dimmer with cover plate**

**- Setting knob**

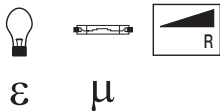


- bulb-preserving soft startup
- phase cut-on
- with rotary on/off switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

Operating voltage	230 V~
Frequency	50 Hz
Loss power at full load	≈ 4 W
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10
Operating temperature	+5 ... +25 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm <sup>2</sup>
Axis dimension Ø	4 mm

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
optional		
Covers for rotary dimmers		page 290
Tronic power booster built-in (R, C)	2868	63

**i 914**



DESIGN	ORDER NO.	PU
white glossy	# 2819 02	1
polar white glossy	# 2819 09	1

**Covers for rotary dimmers**



**Centre plate for rotary dimmer**

**- Setting knob**



<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Rotary dimmers		page 42
Rotary potentiometer DALI		page 46
1-10 V Rotary potentiometer		page 47

Axis dimension Ø	4 mm
------------------	------

DESIGN	ORDER NO.	PU
white glossy	# 1137 02	10
polar white glossy	# 1137 09	10



**Cover for rotary dimmers/rotary potentiometers**

**- Setting knob**



<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Rotary dimmers		page 42
Rotary potentiometer DALI		page 46
1-10 V Rotary potentiometer		page 47

Axis dimension Ø	4 mm
------------------	------

DESIGN	ORDER NO.	PU
white glossy	# 1130 02	10
polar white glossy	# 1130 09	10

**Push-buttons**



**Button for universal series touch dimmer**

SUITABLE FOR	ORDER NO.	PAGE
Universal series touch dimmer (R, L, C)	2901	49

**i 915**



DESIGN	ORDER NO.	PU
white glossy	# 1765 02	1
polar white glossy	# 1765 09	1

**BLC - BERKER LIGHT CONTROL**

**BLC push-buttons**



**BLC push-button**

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit	2907	59

**i 917**



DESIGN	ORDER NO.	PU
white glossy	# 1761 02	1
polar white glossy	# 1761 09	1

**BLC controller**



**BLC controller comfort 1.1 m**

Delay time, adjustable	≈ 10 s ... 30 min
Detection angle	180 °
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

- with slide switch for OFF/automatic/ON
- with teach function for response brightness
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 920**



DESIGN	ORDER NO.	PU
<b>Nominal mounting height 1.1 m</b>		
white glossy	# 1784 02	1
polar white glossy	# 1784 09	1



Modul 2



**BLC IR controller comfort 2.2 m with hand-held transmitter**

Delay time, adjustable ≈ 10 s ... 60 min  
 Detection angle 180 °

**Scope of delivery:**  
 - BLC IR controller comfort  
 - IR hand-held transmitter

- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- with detection and IR receiver LED red, and IR confirmation LED green
- with teach function for response brightness
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode



SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 921**

DESIGN ORDER NO. PU

**Nominal mounting height 2.2 m**

white glossy	# 1789 02	1
polar white glossy	# 1789 09	1



**BLC controller**

Detection angle 180 °  
 Delay time ≈ 2 min  
 Response brightness, adjustable ≈ 0 ... 80 lx, ∞ lx (day)

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 920**

DESIGN ORDER NO. PU

**Nominal mounting height 1.1 m**

white glossy <sup>1)</sup>	# 1783 02	1
polar white glossy <sup>1)</sup>	# 1783 09	1

**Nominal mounting height 2.2 m**

white glossy	# 1788 02	1
polar white glossy	# 1788 09	1



<sup>1)</sup> with cover to limit detection angle to 90°

**COVERS FOR BLIND SWITCHES/PUSH-BUTTONS**

**Rockers with imprint**



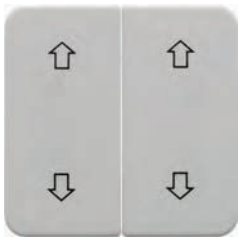
**Rocker 2gang with imprinted arrow symbol**

- also for KNX applications: push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Switch / push-button for blinds		page 112

DESIGN ORDER NO. PU

white glossy	# 1625 12	10
polar white glossy	# 1625 19	10



**Rocker 2gang with imprinted arrows symbol**

■ also for KNX applications: group push-button, 2gang

DESIGN

white glossy  
polar white glossy

SUITABLE FOR	ORDER NO.	PAGE
Group series push-button, 4 NO contacts, common input terminal	5034 04	31
	ORDER NO.	PU
	# 1644 02	10
	# 1644 09	10

**Centre plates for rotary switches for blinds**



**Centre plate with rotary knob for rotary switch for blinds**

■ with imprint

DESIGN

white glossy  
polar white glossy

SUITABLE FOR	ORDER NO.	PAGE
Rotary switch for blinds		page 114
<b>optional</b>		
Interlock disk for rotary switch for blinds	1861	115
	ORDER NO.	PU
	# 1080 02	1
	# 1080 09	1

**Centre plates for key switches/key push-buttons for blinds**



**Centre plate with lock and push lock function for switch for blinds**

- Key can be removed in 0 position



■ with imprint  
■ with 2 keys

DESIGN

white glossy  
polar white glossy

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole for centre plate with lock	3852	115
Switch for blinds 1pole for centre plate with lock	3851	115
	ORDER NO.	PU
	# 1081 02	1
	# 1081 09	1



**Centre plate with lock and push lock function for switch for blinds**

- Key can be removed in 3 positions



■ with imprint  
■ with 2 keys

DESIGN

white glossy  
polar white glossy

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole for centre plate with lock	3852	115
Switch for blinds 1pole for centre plate with lock	3851	115
	ORDER NO.	PU
	# 1082 02	1
	# 1082 09	1



**Centre plate with lock and touch function for switch for blinds**

- Key can be removed in 0 position



■ with imprint  
■ with 2 keys

DESIGN

white glossy  
polar white glossy

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115
	ORDER NO.	PU
	# 1083 02	1
	# 1083 09	1





**Centre plate for key push-button for blinds/key switch**

- with imprint
- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Push-button for blinds 1pole for lock cylinder	3831 10	118
Lock cylinder	1818 ..	79
Switch for blinds 2pole for lock cylinder	3822 10	118
Push-button for blinds 2pole for lock cylinder	3832 10	118

DESIGN	ORDER NO.	PU
white glossy	# 1506 12	10
polar white glossy	# 1506 19	10

**ROLLOTEC**

**RolloTec buttons**



**RolloTec button comfort for sensors**

- only for sensor connection to terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor	169	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor surface-mounted	184	129

**i 944**



DESIGN	ORDER NO.	PU
white glossy	# 1771 12	1
polar white glossy	# 1771 49	1



**RolloTec button comfort**

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121

**i 944**



DESIGN	ORDER NO.	PU
white glossy	# 1770 12	1
polar white glossy	# 1770 49	1



**RolloTec memory button for sensors**

Stored "up" and/or "down" time is run daily in automatic operation.

- only for sensor connection to terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor	169	128

**i 944**



DESIGN	ORDER NO.	PU
white glossy	# 1757 12	1
polar white glossy	# 1757 49	1



**RolloTec memory button**

Stored "up" and/or "down" time is run daily in automatic operation.

**SUITABLE FOR**  
RolloTec inserts

**ORDER NO. PAGE**  
page 121

**i 944**



DESIGN	ORDER NO.	PU
white glossy	# 1756 12	1
polar white glossy	# 1756 49	1

**RolloTec time switches**



**RolloTec comfort time switch for sensors**

**- Display**



Number of operation times for up/down

18

- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec brightness sensor	169	128
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129
Magnetic contact	9251 0 ..	130

**i 948**



DESIGN	ORDER NO.	PU
white glossy	# 1775 02	1
polar white glossy	# 1775 09	1



**RolloTec comfort time switch**

**- Display**



Number of operation times for up/down

18

- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121

**i 948**



DESIGN	ORDER NO.	PU
white glossy	# 1774 02	1
polar white glossy	# 1774 09	1





**RolloTec easy time switch**

**- Display**



Number of operation times for up/down

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

**SUITABLE FOR** RolloTec inserts **ORDER NO.** **PAGE** page 121

**i 948**



DESIGN	ORDER NO.	PU
white glossy	# 1762 02	1
polar white glossy	# 1762 09	1

**HVAC CONTROLLERS AND COVERS**

**Thermostat**



**Thermostat, NO contact, with centre plate**

**- Time-controlled**



Rated voltage 230 V~  
 Frequency 50 Hz  
 Power consumption ≈ 1.2 W  
 Lithium cell power reserve [years] ≈ 10

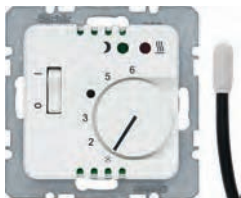
- for floor heating, control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

**SUITABLE FOR** Valve drive 230 V **ORDER NO.** 7590 00 76 **PAGE** 144  
**optional** Temperature sensor 161 152

**i 942**



DESIGN	ORDER NO.	PU
white glossy	# 2044 02	1
polar white glossy	# 2044 09	1



**Thermostat, NO contact, with centre plate, for underfloor heating**

**- Rocker switch**  
**- External temperature sensor**



Rated voltage 250 V~  
 Frequency 50/60 Hz

**SUITABLE FOR** Centre plate for thermostat for under-floor heating 1672 0 .. 142  
 Valve drive 230 V 7590 00 76 144  
**replacement** Temperature sensor 161 152

**i 941**



DESIGN	ORDER NO.	PU
white glossy	# 2034 02	1
polar white glossy	# 2034 09	1



**Temperature controller, change-over contact, with centre plate**

Rated voltage 250 V~ ■ for heating or cooling mode  
 Frequency 50/60 Hz

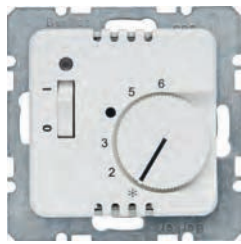
**SUITABLE FOR** Centre plate for thermostat 1670 0 .. 142  
 Valve drive 230 V 7590 00 76 144

**i 941**



DESIGN	ORDER NO.	PU
white glossy	# 2026 12	1
polar white glossy	# 2026 09	1





**Temperature controller, NC contact, with centre plate**

- **Rocker switch**



Rated voltage 250 V~  
Frequency 50/60 Hz

**SUITABLE FOR**  
Centre plate for thermostat  
Valve drive 230 V

ORDER NO.	PAGE
1671 0 ..	143
7590 00 76	144

**i 941**



DESIGN	ORDER NO.	PU
white glossy	# 2030 02	1
polar white glossy	# 2030 09	1



**Temperature controller, NC contact, with centre plate, 24 V AC/DC**

- **Rocker switch**



Rated voltage 24 V~/24 V=  
Frequency 50/60 Hz

**SUITABLE FOR**  
Centre plate for thermostat  
Valve drive 24 V AC/DC

ORDER NO.	PAGE
1671 0 ..	143
7590 00 77	144

**i 941**



DESIGN	ORDER NO.	PU
white glossy	# 2031 02	1
polar white glossy	# 2031 09	1



**Centre plate for thermostat for underfloor heating**

- **Rocker**  
- **Setting knob**



DESIGN  
white glossy  
polar white glossy

**SUITABLE FOR**  
Thermostat, NO contact, with centre plate, for underfloor heating

ORDER NO.	PAGE
2034 0 ..	137

DESIGN	ORDER NO.	PU
white glossy	# 1672 02	1
polar white glossy	# 1672 09	1



**Centre plate for thermostat**

- **Setting knob**



DESIGN  
white glossy  
polar white glossy

**SUITABLE FOR**  
Temperature controller, change-over contact, with centre plate  
Temperature controller, change-over contact, with centre plate

ORDER NO.	PAGE
2026 0 ..	139
2026 1 ..	139

DESIGN	ORDER NO.	PU
white glossy	# 1670 02	1
polar white glossy	# 1670 09	1



**Centre plate for thermostat**

- **Rocker**  
- **Setting knob**



DESIGN  
white glossy  
polar white glossy

**SUITABLE FOR**  
Temperature controller, NC contact, with centre plate, 24 V AC/DC  
Temperature controller, NC contact, with centre plate

ORDER NO.	PAGE
2031 0 ..	141
2030 0 ..	140

DESIGN	ORDER NO.	PU
white glossy	# 1671 02	1
polar white glossy	# 1671 09	1



Modul 2

**Central plates for sensor inserts**



**Central plate for sensor insert**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
Labelling field cannot be used.

**SUITABLE FOR**  
Sensor insert

**ORDER NO.**  
7594 10 01

**PAGE**  
143

DESIGN	ORDER NO.	PU
white glossy	<b>7594 04 02</b>	1
polar white glossy	<b>7594 04 09</b>	1

**Rockers for heating emergency switches**



**Rocker with imprint "Heizung Notschalter"**

**- Red lens**



- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

**SUITABLE FOR**  
Rocker switch  
Rocker push-button

**ORDER NO.**

**PAGE**  
page 22  
page 22

DESIGN	ORDER NO.	PU
white glossy	<b># 1707 02</b>	10
polar white glossy	<b># 1707 09</b>	10



**Rocker with imprint "Heizung Notschalter - 0"**

**- Red lens**



- with imprint "0"
- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

**SUITABLE FOR**  
Multi-pole rocker switches

**ORDER NO.**

**PAGE**  
page 28

DESIGN	ORDER NO.	PU
white glossy	<b># 1708 02</b>	10
polar white glossy	<b># 1708 09</b>	10

**Centre plates for air conditioner/fan controllers**



**Centre plate with rotary knob for 3-step switch**

- with imprint

**SUITABLE FOR**  
3-step switch

**ORDER NO.**  
3861 ..

**PAGE**  
148

DESIGN	ORDER NO.	PU
<b>without 0-position, imprint 2-1-3</b>		
white glossy	<b># 1084 02</b>	1
polar white glossy	<b># 1084 09</b>	1
<b>with 0-position, imprint 0-1-2-3</b>		
white glossy	<b># 1096 02</b>	1
polar white glossy	<b># 1096 09</b>	1



**Centre plate for speed controller**

**- Setting knob**



- with imprinted symbol curve

**SUITABLE FOR**  
Speed controllers

**ORDER NO.**  
2968 01

**PAGE**  
149

Axis dimension Ø 4 mm

DESIGN	ORDER NO.	PU
white glossy	<b># 1137 22</b>	1
polar white glossy	<b># 1137 29</b>	10

**COMMUNICATION/MULTIMEDIA TECHNOLOGY**

**Covers data-/telecommunication**



**Centre plate with TAE cut-out**

- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
230 V USB charging socket outlet	2600 0 ..	176
Loudspeaker connection box	4572 0 ..	177
Stereo loudspeaker connection box	4573 0 ..	177
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	165
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	165

DESIGN	ORDER NO.	PU
white glossy	# 1033 02	10
polar white glossy	# 1033 09	10



**Central plate for FCC socket outlet**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- for 1gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 160

DESIGN	ORDER NO.	PU
white glossy	1468 02	10
polar white glossy	1468 09	10



**Central plate for FCC socket outlet 2gang**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- for 2gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 162

DESIGN	ORDER NO.	PU
white glossy	1469 02	10
polar white glossy	1469 09	10



**Centre plate with dust protection slider**

**- Labelling field**



Labelling field height arranged for P-touch strips 9 mm.

- for supporting plates with coloured mounting device, 1gang, order no. 4540 ... see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
white glossy	# 1170 02	10
polar white glossy	# 1170 09	10



**Centre plate with 2 dust protection sliders**

**- Labelling field**




Labelling field height arranged for P-touch strips 9 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ... see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
white glossy	# 1181 02	10
polar white glossy	# 1181 09	10



Modul 2



**Central plate for 3 MINI-COM modules**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com dummy modules 1gang
- labelling field latchable

DESIGN	ORDER NO.	PU
white glossy	<b>1427 02</b>	10
polar white glossy	<b>1427 09</b>	10




**Central plate for Reichle&De-Massari single modules**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

DESIGN	ORDER NO.	PU
white glossy	<b>1472 02</b>	10
polar white glossy	<b>1472 09</b>	10




**Central plate for Reichle&De-Massari double module**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

DESIGN	ORDER NO.	PU
white glossy	<b>1461 02</b>	10
polar white glossy	<b>1461 09</b>	10




**Central plate 2gang for AMP jacks**

Indexing dimension (W x H)                      ≈ 14.7 x 20.7 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

DESIGN	ORDER NO.	PU
white glossy	<b>1463 02</b>	10
polar white glossy	<b>1463 09</b>	10



**Central plate 2gang for Krone jacks**

Indexing dimension (W x H)                      ≈ 14.7 x 19.4 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

DESIGN	ORDER NO.	PU
white glossy	<b>1464 02</b>	10
polar white glossy	<b>1464 09</b>	10



**Central plate for fibre-optic couplings Simplex ST**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

DESIGN	ORDER NO.	PU
white glossy, 2gang	<b>1492 02</b>	10
polar white glossy, 2gang	<b>1492 09</b>	10



**Central plate for fibre-optic couplings Duplex SC**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

DESIGN	ORDER NO.	PU
white glossy	<b>1480 02</b>	10
polar white glossy	<b>1480 09</b>	10

**Covers for aerial sockets**



**Centre plate for aerial socket 2-/3hole**

- with knock out SAT input

SUITABLE FOR	ORDER NO.	PAGE
Aerial sockets		page 156

DESIGN	ORDER NO.	PU
white glossy	# <b>1200 02</b>	10
polar white glossy	# <b>1200 09</b>	10



**Central plate for aerial socket 4hole (Ankaro)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

SUITABLE FOR	ORDER NO.	PAGE
Aerial socket 4hole single box	4594	158

DESIGN	ORDER NO.	PU
white glossy	<b>1484 02</b>	10
polar white glossy	<b>1484 09</b>	10



**Central plate for aerial socket 4hole (Hirschmann)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

DESIGN	ORDER NO.	PU
white glossy	<b>1483 02</b>	10
polar white glossy	<b>1483 09</b>	10



**Central plate for broadband modem socket (Wisi)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with additional multimedia output

DESIGN	ORDER NO.	PU
white glossy	# <b>1439 02</b>	10
polar white glossy	# <b>1439 09</b>	10

**Central plates for signalling and command units**



**Central plate with installation opening Ø 18.8 mm**

Screw spacing 36 mm

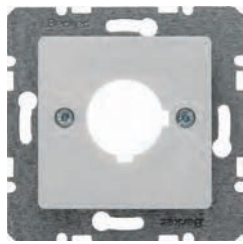
Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with cut-out dia. 18.8 mm
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
optional Built-in socket for floating output	4604 ..	724

DESIGN	ORDER NO.	PU
white glossy	<b>1431 02</b>	10
polar white glossy	<b>1431 09</b>	10





**Central plate with installation opening Ø 22.5 mm**

Screw spacing 36 mm ■ with cut-out dia. 22.5 mm  
■ labelling field latchable

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
Installation aperture according to IEC 60947-5-1

DESIGN	ORDER NO.	PU
white glossy	<b>1432 02</b>	10
polar white glossy	<b>1432 09</b>	10

**Covers Audio**



**Centre plate for loudspeaker socket outlet**

■ 1 knock out opening

**SUITABLE FOR** ORDER NO. PAGE  
Entry for small connector 4505 .. 179

DESIGN	ORDER NO.	PU
white glossy	# <b>1196 02</b>	10
polar white glossy	# <b>1196 09</b>	10



**Central plate for XLR D-series connector**

Cut-out Ø 23.6 mm ■ speakon and jack connector  
Screw spacing (horizontal/vertical) 19/24 mm ■ labelling field latchable

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

DESIGN	ORDER NO.	PU
white glossy	<b>1412 02</b>	10
polar white glossy	<b>1412 09</b>	10

**Video socket outlets**



**VGA socket outlet**

Frequency range video max. 160 MHz ■ with 15pole D-subminiature double jack  
Resolution max. 1280 x 1024 px ■ S-VGA compatible  
■ with 15pole D-subminiature jack (front)

**i 970**

DESIGN	ORDER NO.	PU
<b>with double jack</b>		
white glossy	# <b>3315 40 02</b>	10
polar white glossy	# <b>3315 40 09</b>	10
<b>back side, with screw-in lift terminals</b>		
white glossy <sup>1)</sup>	# <b>3315 41 02</b>	10
polar white glossy, with screw-in lift terminals <sup>1)</sup>	# <b>3315 41 09</b>	10

<sup>1)</sup> for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm<sup>2</sup>

**Multimedia sockets**



**3 x Cinch/S-Video socket outlet**

Frequency range audio 20 ... 20000 Hz ■ gold-plated contacts  
Frequency range video max. 160 MHz ■ 1 cinch double jack for video connection (yellow)  
■ 2 cinch double jacks for audio connection (red, white)  
■ S-Video double jack

**i 973**

DESIGN	ORDER NO.	PU
white glossy	# <b>3315 32 02</b>	10
polar white glossy	# <b>3315 32 09</b>	10



**High definition socket outlet**

Transmission rate max. 8.16 Gbit/s ■ gold-plated contacts  
 Resolution max. 1920 x 1080 px ■ with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

**i 973**



DESIGN	ORDER NO.	PU
<b>back side, with straight socket</b>		
white glossy	# 3315 42 02	10
polar white glossy	# 3315 42 09	10
<b>back side, with 90° angle socket</b>		
white glossy	# 3315 43 02	10
polar white glossy	# 3315 43 09	10



**USB/3.5 mm audio socket outlet**

USB transmission rate max. 480 Mbit/s ■ double jack gold-plated 3.5 mm, stereo  
 Frequency range audio 20 ... 20000 Hz ■ USB double jack type A, USB 2.0 capable

**i 973**



DESIGN	ORDER NO.	PU
white glossy	# 3315 39 02	10
polar white glossy	# 3315 39 09	10

**CONSUMER ELECTRONICS**



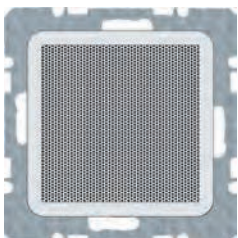
**Berker Radio Touch**

Operating voltage 230 V~ ■ stereo FM radio with RDS display  
 Frequency 50/60 Hz ■ with one loudspeaker  
 Frequency range 87.5 ... 108 MHz ■ illuminated touch graphics display  
 For loudspeakers per channel 4 ... 8 Ω ■ time and date display  
 Conductor cross-section max. 2.5 mm² ■ operation via sensor areas of the touch display  
 Insertion depth 33 mm ■ connection for a second speaker  
 Dimensions of display (W x H) 35 x 28 mm ■ extension unit input for separate on/off switching  
 ■ external audio input, e.g. for MP3 player or docking station

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Loudspeaker		page 303
Docking station		page 304



DESIGN	ORDER NO.	PU
polar white glossy	# 2880 09	1



**Loudspeaker**

Impedance 8 Ω ■ confectioned, with 2-core, double-insulated, flexible cable  
 Nominal/music power handling 4/8 W  
 Conductor cross-section (flexible) 0.75 mm² ■ **SUITABLE FOR**  
 Pre-assembled cable ≈ 0.3 m Berker Radio Touch ORDER NO. PAGE  
 Insertion depth 22.5 mm Docking station page 303  
 page 304



DESIGN	ORDER NO.	PU
polar white glossy	# 2882 09	1



**Docking station**

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	max. 3.5 V
Number of loudspeakers (4 Ω)	1
Number of loudspeakers (8 Ω)	2
Number of loudspeakers (20 Ω)	5
Insertion depth	36 mm

- buttons for volume control
- stereo Line-Out for connection to the radio touch
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- with 30pole plug connector for iPod and iPhone\*

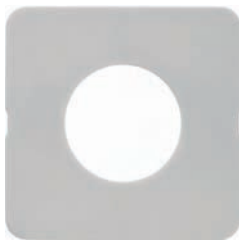
SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch Loudspeaker		page 303
		page 303

\* iPod and iPhone are registered trademarks of Apple Inc.



DESIGN	ORDER NO.	PU
polar white glossy	# 2883 09	1

**COVERS FOR PILOT LAMPS**



**Centre plate for push-button/pilot lamp E10**

Cut-out Ø	27.3 mm
-----------	---------

- centre plate for plug-in fixing

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 75
LED lamp E10		page 74
Neon lamp E10		page 75
Push-button/pilot lamp E10, NO contact	5101 ..	68

DESIGN	ORDER NO.	PU
white glossy	# 1234 02	10
polar white glossy	# 1234 09	10



**Centre plate for push-button/pilot lamp E10**

**- Labelling field**



Cut-out Ø	27.3 mm
-----------	---------

- centre plate for plug-in fixing

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 75
LED lamp E10		page 74
Neon lamp E10		page 75
Push-button/pilot lamp E10, NO contact	5101 ..	68

For push-buttons and covers, see "Supplementary products".

For push-buttons with hinged covers, use hinged cover, order no. 1140.

Labelling field height designed for 9 mm P-touch strips.

DESIGN	ORDER NO.	PU
white glossy	# 1235 02	10
polar white glossy	# 1235 09	10



**Centre plate for pilot lamp E14**

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 75
LED lamp E14		page 75
Incandescent lamp E14		page 75
Pilot lamp E14	5131 02	69

DESIGN	ORDER NO.	PU
white glossy	# 1198 02	10
polar white glossy	# 1198 09	10





**Cover for info pilot lamp**

Current consumption 25 mA  
Power, LED 800 mW  
Service life of the LED ≈ 25000 h

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

Printed labels supplied: "Nicht eintreten", "Besetzt", "Bitte eintreten", "Bitte Ruhe", "Bitte warten".

**SUITABLE FOR**  
Cover plate for info pilot lamp  
Info pilot lamp

ORDER NO.	PAGE
1289 ..	76
2949	71

**i 936**

DESIGN	ORDER NO.	PU
white glossy	# 1345 02	1
polar white glossy	# 1345 09	1

**SUPPLEMENTARY PRODUCTS**

**Blind plates**



**Blind plug with centre plate**

- on supporting plate without cut-out



DESIGN	ORDER NO.	PU
<b>without spreader claws</b>		
white glossy	# 1009 02	20
polar white glossy	# 1009 19	20
<b>with base and spreader claws</b>		
white glossy	# 6710 09 02	10
polar white glossy	# 6710 09 09	10



**Centre plate for cable outlet**

SUITABLE FOR	ORDER NO.	PAGE
Cable outlet with low installation depth	4468	173
Cable outlet	4470	173

DESIGN	ORDER NO.	PU
white glossy	# 1019 02	10
polar white glossy	# 1019 09	10

**Intermediate rings**



**Adapter ring for centre plate 50 x 50 mm**

Caution!  
Not suitable for Berker central plates.  
For centre plate as per according to DIN 49075

- for other centre plates with external size 50 x 50 mm

DESIGN	ORDER NO.	PU
white glossy	# 1143 02	10
polar white glossy	# 1143 09	10



**Intermediate ring for central plate**

Also suitable for additional centre plates 50 x 50 mm of other manufacturers according to DIN 49075 Part 1 and 2. Use of the labelling field is normally possible.

- also suitable for 50 x 50 mm centre plate with square cut-out
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
optional Labelling field for intermediate ring	1905 00 02	230

DESIGN	ORDER NO.	PU
white glossy	# 1109 02	10
polar white glossy	# 1109 09	10





**Labelling field for intermediate ring**

Labelling field height arranged for P-touch strips 9 mm.

DESIGN	ORDER NO.	PU
white glossy	# 1905 02	10
polar white glossy	# 1905 69	10



**Frame with hinged cover for centre plate 50 x 50 mm**

For centre plate as per according to DIN 49075

DESIGN	ORDER NO.	PU
white glossy	# 1022	10
polar white glossy	# 1022 09	10

**Base plates**



**Base plate 1gang, self-extinguishing**

For surface-mounted frames of the design lines:

- Modul 2
- Berker Q.1
- Berker Arsys

- with imprint
- for surface-mounted frame 1gang
- for mounting on combustible base surface

DESIGN	ORDER NO.	PU
white	1021 12	10

SUITABLE FOR	ORDER NO.	PAGE
Frame surface-mounted		page 315



**Base plate 2gang, self-extinguishing**

For surface-mounted frames of the design lines:

- Modul 2
- Berker Q.1
- Berker Arsys

- with imprint
- for surface-mounted frame 2gang
- for mounting on combustible base surface

DESIGN	ORDER NO.	PU
white	1021 22	10

SUITABLE FOR	ORDER NO.	PAGE
Frame surface-mounted		page 315



**Base plate 3gang, self-extinguishing**

For surface-mounted frames of the design lines:

- Modul 2
- Berker Q.1
- Berker Arsys

- with imprint
- for surface-mounted frame 3gang
- for mounting on combustible base surface

DESIGN	ORDER NO.	PU
white	1021 32	10

SUITABLE FOR	ORDER NO.	PAGE
Frame surface-mounted		page 315

**HOTEL APPLICATIONS**

**Centre plates for hotel card switches**



**Centre plate with imprint for push-button for hotel card**

- Red lens



- for push-button for hotel card


Card width max. 54 mm

Other imprint on request!

DESIGN	ORDER NO.	PU
white glossy	# 1640 02	10
polar white glossy	# 1640 09	10

SUITABLE FOR	ORDER NO.	PAGE
Push-button for hotel card		page 80

**BARRIER-FREE CONSTRUCTION**

 The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

**SCHUKO socket outlets**



**SCHUKO socket outlet with hinged cover for barrier-free construction**

- Tactile symbol



Rated voltage 250 V~  
Rated current 16 A

Connection terminals according to IEC 60884-1

- with plug-in terminals

**SUITABLE FOR** Contrast frame for barrier-free construction  
**ORDER NO.** 1011 45  
**PAGE** 314

 **911**



<b>DESIGN</b>	<b>ORDER NO.</b>	<b>PU</b>
polar white glossy	# 4786 49	10



**SCHUKO socket outlet with hinged cover for barrier-free construction**

- Tactile symbol
- enhanced contact protection
- Installation position variable in 45° steps




Rated voltage 250 V~  
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Connection terminals according to IEC 60884-1

- with plug-in terminals

**SUITABLE FOR** Contrast frame for barrier-free construction  
**ORDER NO.** 1011 45  
**PAGE** 314

 **911**



<b>DESIGN</b>	<b>ORDER NO.</b>	<b>PU</b>
polar white glossy	# 4744 49	10

**Rockers**



**Rocker for barrier-free construction**

- Guide for mouth rod
- Lens



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

Barrier-free building based on based on DIN 18025

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

**SUITABLE FOR** Rocker switch  
Rocker push-button  
Contrast frame for barrier-free construction  
**ORDER NO.** 1011 45  
**PAGE** page 22  
page 22  
314

<b>DESIGN</b>	<b>ORDER NO.</b>	<b>PU</b>
polar white glossy	# 1661 49	10



**Rocker for barrier-free construction**

- Tactile light symbol
- Red lens



Barrier-free building based on based on DIN 18025

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

**SUITABLE FOR** Rocker switch  
Rocker push-button  
Contrast frame for barrier-free construction  
**ORDER NO.** 1011 45  
**PAGE** page 22  
page 22  
314

<b>DESIGN</b>	<b>ORDER NO.</b>	<b>PU</b>
polar white glossy	# 1651 49	10



Modul 2



**Rocker for barrier-free construction**

- Tactile bell symbol
- Red lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Barrier-free building based on based on DIN 18025

- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
Contrast frame for barrier-free construction	1011 45	314

DESIGN	ORDER NO.	PU
polar white glossy	# 1651 59	10



**Rocker for barrier-free construction**

- Tactile symbol for door opener
- Red lens



Barrier-free building based on based on DIN 18025

- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
Contrast frame for barrier-free construction	1011 45	314

DESIGN	ORDER NO.	PU
polar white glossy	# 1651 69	10

**HOSPITAL INSTALLATION**

**Central plates for hospital installation**



**Central plate for socket outlet for floating output**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
For double pole socket outlet for floating output according to DIN 42801

- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Socket outlet for floating output	1061	724

DESIGN	ORDER NO.	PU
white glossy	1403 02	10
polar white glossy	1403 09	10



**Central plate for 6pole socket outlet**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>Nurse call systems</b>	
Ackermann: clino opt 90 / clino phon 95	71008C
clino opt 99	71008C3
<b>6pole socket outlets</b>	
Hirschmann: Medu 600 GSK	

DESIGN	ORDER NO.	PU
white glossy	1474 02	10
polar white glossy	1474 09	10

**Centre plates for Ackermann inserts**



**Centre plate for nurse call system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	72642C
	72639A
	71197A
	72642B

DESIGN	ORDER NO.	PU
polar white glossy	# 1204 49	10



**Centre plate with plug-in opening for nurse call systems**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
Nurse call systems	
Ackermann: clino opt 99	73070A

DESIGN	ORDER NO.	PU
polar white glossy	# 1298 49	10



**Centre plate for dropping plug-and-socket connector**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- a-coded for dropping plug-and-socket connector

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
Nurse call systems	
Ackermann: clino opt 99	74189A

DESIGN	ORDER NO.	PU
polar white glossy	# 1305 49	10



**Centre plate with 2 plug-in openings and imprint, for call unit**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
Nurse call systems	
Ackermann: clino opt 99	73075C 73020G 73021G 73075D

DESIGN	ORDER NO.	PU
polar white glossy	# 1244 49	10



**Centre plate with plug-in opening, red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
Nurse call systems	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

DESIGN	ORDER NO.	PU
polar white glossy	# 1217 49	10



**Centre plate with 2 plug-in openings, imprint and red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
Nurse call systems	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

DESIGN	ORDER NO.	PU
polar white glossy	# 1218 49	10





**Centre plate with red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**  
Ackermann: clino opt 99

**ART. NO.**

73071F  
73071F2  
73073F

DESIGN

polar white glossy

ORDER NO.

# **1216 49**

PU

10



**Centre plate with red button at bottom**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**  
Ackermann: clino opt 99

**ART. NO.**

73022A  
73022A2

DESIGN

polar white glossy

ORDER NO.

# **1219 49**

PU

10



**Centre plate with green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**  
Ackermann: clino opt 99

**ART. NO.**

73642C

DESIGN

polar white glossy

ORDER NO.

# **1251 49**

PU

10



**Centre plate with yellow button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**  
Ackermann: clino opt 99

**ART. NO.**

73642D

DESIGN

polar white glossy

ORDER NO.

# **1252 49**

PU

10



**Centre plate with blue button and imprint**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**  
Ackermann: clino opt 99

**ART. NO.**

73022A  
73022A2

DESIGN

polar white glossy

ORDER NO.

# **1223 49**

PU

10



**Centre plate with white button and imprint**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- button with lens
- centre plate for plug-in fixing
- for office unit

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems Ackermann: clino opt 99	73640J
DESIGN	ORDER NO. PU
polar white glossy	# 1308 59 10



**Centre plate with red + green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems Ackermann: clino opt 99	73642B2
DESIGN	ORDER NO. PU
polar white glossy	# 1249 49 10



**Centre plate with green + yellow button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems Ackermann: clino opt 99	73642E
DESIGN	ORDER NO. PU
polar white glossy	# 1253 49 10



**Centre plate with white + green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- buttons with lens
- centre plate for plug-in fixing
- for office unit

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems Ackermann: clino opt 99	73642B
DESIGN	ORDER NO. PU
polar white glossy	# 1299 49 10



**Centre plate for pneumatic call switch**

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems Ackermann: clino opt 90, 99 / clino phon 95 clino opt 99	70006A 70006B 70006C
DESIGN	ORDER NO. PU
polar white glossy	# 1236 49 10





**Centre plate for pullcord push-button**

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3 70046A3 70046A

DESIGN	ORDER NO.	PU
polar white glossy	# <b>1233 49</b>	10



**Centre plate with imprinted symbol curve for small sound system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	73120C 73120H

DESIGN	ORDER NO.	PU
polar white glossy	# <b>1300 49</b>	10



**Centre plate with imprint "0 - 1 - 2 - 3 - 4 - 5" for small sound system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

DESIGN	ORDER NO.	PU
polar white glossy	# <b>1301 49</b>	10

**Centre plates for Total Walther (Zettler) inserts**



**Centre plate for socket outlet 15gang**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Total Walther: Zettler Medicall 800	125.891xS 125.850xS

DESIGN	ORDER NO.	PU
white glossy	# <b>1288 22</b>	10
polar white glossy	# <b>1288 29</b>	10



**Centre plate for call unit with push-button + socket outlet 15pole**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Total Walther: Zettler Medicall 800	125.840xS 125.841xS 125.842xS 125.843xS

DESIGN	ORDER NO.	PU
white glossy	# <b>1288 32</b>	10
polar white glossy	# <b>1288 39</b>	10





**Centre plate for call unit with 2 push-buttons + socket outlet 15pole**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

**MANUFACTURER: PRODUCT LINE**  
Nurse call systems

Total Walther: Zettler Medicall 800

**ART. NO.**

125.830xS  
125.831xS  
125.832xS

DESIGN	ORDER NO.	PU
white glossy	# 1288 42	10
Centre plate for call unit with 2 push-buttons + socket outlet 15pole	# 1288 49	10



**Centre plate for call unit with push-button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

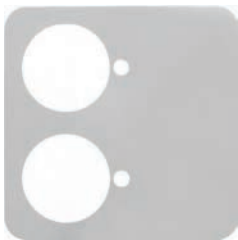
**MANUFACTURER: PRODUCT LINE**  
Nurse call systems

Total Walther: Zettler Medicall 800

**ART. NO.**

125.810xS  
125.811xS  
125.812xS  
125.813xS  
125.814xS  
125.815xS  
125.816xS  
125.892xS  
125.893xS

DESIGN	ORDER NO.	PU
white glossy	# 1288 02	10
polar white glossy	# 1288 09	10



**Centre plate for call unit with 2 push-buttons**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**  
Nurse call systems

Total Walther: Zettler Medicall 800

**ART. NO.**

125.892xS  
125.893xS  
125.820xS  
125.821xS  
125.822xS  
125.823xS  
125.824xS  
125.825xS  
125.826xS  
125.827xS  
125.891xS

DESIGN	ORDER NO.	PU
white glossy	# 1288 12	10
polar white glossy	# 1288 19	10



**Centre plate for pneumatic call switch**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with quiet lamp
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**  
Nurse call systems

Total Walther: Zettler Medicall 800

**ART. NO.**

125.860xS  
125.861xS

DESIGN	ORDER NO.	PU
white glossy	# 1288 52	10
polar white glossy	# 1288 59	10



Modul 2



**Centre plate for buzzer**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

Nurse call systems

Total Walther: Zettler Medical 800 IP

**ART. NO.**

125.800xS

DESIGN	ORDER NO.	PU
white glossy	# 1288 62	10
polar white glossy	# 1288 69	10

**FRAME**



**Frame**

- for vertical and horizontal mounting

**i 974**

DESIGN	ORDER NO.	PU
white glossy, 1gang	# 1011 02	10
white glossy, 2gang	# 1012 02	10
white glossy, 3gang	# 1013 02	10
white glossy, 4gang	# 1014 02	2
white glossy, 5gang	# 1015 02	2



**Frame**

- for vertical and horizontal mounting

**i 974**

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	# 1011 09	10
polar white glossy, 2gang	# 1012 09	10
polar white glossy, 3gang	# 1013 09	10
polar white glossy, 4gang	# 1014 09	2
polar white glossy, 5gang	# 1015 09	2



**Frame**

- for emphasising special switches, socket outlets, etc.
- for vertical and horizontal mounting

**i 974**

DESIGN	ORDER NO.	PU
red glossy, 1gang	# 1011 62	10
red glossy, 2gang	# 1012 62	10
red glossy, 3gang	# 1013 62	10
red glossy, 4gang	# 1014 62	2
red glossy, 5gang	# 1015 62	2



**Contrast frame for barrier-free construction**

Barrier-free building based on based on DIN 18025

**SUITABLE FOR**  
BARRIER-FREE CONSTRUCTION

**ORDER NO.** **PAGE**  
page 307

**i 974**

DESIGN	ORDER NO.	PU
black glossy	# 1011 45	10



**Frame**

Not suitable for surface-mounted frames.

- suitable for cable ducts with lid 80
- for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
white glossy, 1gang	# 1011 22	10
white glossy, 2gang	# 1012 22	2
white glossy, 3gang	# 1013 22	2



**Frame**

Not suitable for surface-mounted frames.

- suitable for cable ducts with lid 80
- for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	# 1011 29	10
polar white glossy, 2gang	# 1012 29	2
polar white glossy, 3gang	# 1013 29	2



**Frame**

Not suitable for surface-mounted frames.

- for emphasising special switches, socket outlets, etc.
- suitable for cable ducts with lid 80
- for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
red glossy, 1gang	# 1011 72	10
red glossy, 2gang	# 1012 72	2

**SURFACE MOUNTED FRAMES**



**Frame surface-mounted**

Insertion depth 33.5 mm

Flush-mounted devices can be used with surface-mounted frames for surface-mounted installation.

- entry at top and bottom possible
- with cable and duct entry

SUITABLE FOR	ORDER NO.	PAGE
optional		
Base plates		page 306
Entries/connectors		page 707

DESIGN	ORDER NO.	PU
white glossy, 1gang	1029 00 02	10
white glossy, 2gang	1030 00 02	10
white glossy, 3gang	1031 00 02	5
polar white glossy, 1gang	1029 00 69	10
polar white glossy, 2gang	1030 00 69	10
polar white glossy, 3gang	1031 00 69	5
red glossy, 1gang	1029 00 62	10
red glossy, 2gang	1030 00 62	10
red glossy, 3gang	1031 00 62	5
black glossy, 1gang	1029 00 65	10





SCHUKO SOCKET OUTLETS	318-325
INTERNATIONAL SOCKET OUTLET SYSTEMS	326-329
COVERS FOR SWITCHES/PUSH-BUTTONS	330-334
TIMERS	334-335
COVERS FOR DIMMERS	335
BLC - BERKER LIGHT CONTROL	336-337
COVERS FOR BLIND SWITCHES/PUSH-BUTTONS	338-339
ROLLOTEC	339-341
HVAC CONTROLLERS AND COVERS	342-344
COMMUNICATION/MULTIMEDIA TECHNOLOGY	345-349
CONSUMER ELECTRONICS	349-350
COVERS FOR PILOT LAMPS	350-351
SUPPLEMENTARY PRODUCTS	351-353
HOTEL APPLICATIONS	353
BARRIER-FREE CONSTRUCTION	354-355
HOSPITAL INSTALLATION	355-361

Quality always comes at a price, but the Berker Q.1 and Q.3 are noteworthy exceptions. They also excel through an unusually attractive price performance ratio.

- The quality of design can be seen in the fact that the centre plates and at the upper edge of the frame, creating a flat contour

#### FRAMES / COVERS / CENTRAL INSERTS

##### Plastic, silky

Polar white	similar to RAL 9010
Anthracite	similar to RAL 7021
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003

**SCHUKO SOCKET OUTLETS**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

**NEW**



**SCHUKO socket outlet**

Rated voltage 250 V~ ■ with plug-in terminals  
Rated current 16 A

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>4743 60 89</b>	10
anthracite velvety, lacquered	<b>* 4743 60 86</b>	10

**NEW**



**SCHUKO socket outlet**  
- enhanced contact protection

■ with plug-in terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>4723 60 89</b>	10
anthracite velvety, lacquered	<b>* 4723 60 86</b>	10

**NEW**



**SCHUKO socket outlet**  
- Screw-in lift terminals

■ with screw-in lift terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>4143 60 89</b>	10
anthracite velvety, lacquered	<b>* 4143 60 86</b>	10

**NEW**



**SCHUKO socket outlet**  
- enhanced contact protection  
- Screw-in lift terminals

■ with screw-in lift terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>4123 60 89</b>	10
anthracite velvety, lacquered	<b>* 4123 60 86</b>	10



NEW

**SCHUKO socket outlet 45°**

Rated voltage 250 V~ ■ for diagonal installation  
 Rated current 16 A ■ with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>4727 60 89</b>	10
anthracite velvety, lacquered	<b>* 4727 60 86</b>	10



NEW

**SCHUKO socket outlet**

- Labelling field

■ with plug-in terminals



Rated voltage 250 V~  
 Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>4750 60 89</b>	10
anthracite velvety, lacquered	<b>* 4750 60 86</b>	10



NEW

**SCHUKO socket outlet**

- Labelling field

■ with plug-in terminals

- enhanced contact protection



Rated voltage 250 V~  
 Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>4749 60 89</b>	10
anthracite velvety, lacquered	<b>* 4749 60 86</b>	10



NEW

**SCHUKO socket outlet**

- Labelling field

■ with screw-in lift terminals

- enhanced contact protection

- Screw-in lift terminals



Rated voltage 250 V~  
 Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>4149 60 89</b>	10
anthracite velvety, lacquered	<b>* 4149 60 86</b>	10





**SCHUKO socket outlet with LED orientation light**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

**i 911**

Caution!  
Items with special flush-mounted insert.  
Centre plates with LED orientation lights are not compatible with the standard socket outlets.



DESIGN	ORDER NO.	PU
polar white velvety	★ 4109 60 89	10
anthracite velvety, lacquered	★ 4109 60 86	10



**SCHUKO socket outlet with control LED**

- Labelling field
- enhanced contact protection
- Screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

- with screw-in lift terminals

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	4110 60 89	10
anthracite velvety, lacquered	★ 4110 60 86	10



**Double SCHUKO socket outlet with cover plate**

- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

- with plug-in terminals

**i 911**

For installation in 1gang wall boxes according to according to DIN 49073-1



DESIGN	ORDER NO.	PU
polar white velvety	4729 60 89	10
anthracite velvety, lacquered	★ 4729 60 86	10



**NEW**



**Combination SCHUKO socket outlet 2gang with frame**

Rated voltage 250 V~  
Rated current 16 A

- without spreader claws
- 2 x 1 gang, wired-through
- with plug-in terminals

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

**i 911**

DESIGN	ORDER NO.	PU
<b>Berker Q.1</b>		
polar white velvety	<b>4720 60 89</b>	5
anthracite velvety, lacquered	<b>* 4720 60 86</b>	5



**SCHUKO socket outlets with hinged cover**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

**NEW**



**SCHUKO socket outlet with hinged cover**

Rated voltage 250 V~  
Rated current 16 A

- with hinged cover that falls back
- with imprint
- with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
polar white velvety	<b>4751 60 69</b>	10
anthracite velvety, lacquered	<b>* 4751 60 66</b>	10



**NEW**



**SCHUKO socket outlet with hinged cover**

**- enhanced contact protection**



Rated voltage 250 V~  
Rated current 16 A

- with hinged cover that falls back
- with imprint
- with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
polar white velvety	<b>4751 60 79</b>	10
anthracite velvety, lacquered	<b>* 4751 60 76</b>	10



**NEW**



**SCHUKO socket outlet with hinged cover**

**- enhanced contact protection**



Rated voltage 250 V~  
Rated current 16 A

- with self-closing hinged covers
- with imprint
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	351

**i 911**


DESIGN	ORDER NO.	PU
polar white velvety	<b>4751 60 89</b>	10
anthracite velvety, lacquered	<b>* 4751 60 86</b>	10



**NEW** **SCHUKO socket outlet with hinged cover**

- enhanced contact protection
- Installation position variable in 45° steps


- with hinged cover that falls back
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.


DESIGN ORDER NO. PU  
polar white velvety **4744 60 89** 10  
anthracite velvety, lacquered **\* 4744 60 86** 10



**NEW** **SCHUKO socket outlet with hinged cover**

- Labelling field
- enhanced contact protection
- Installation position variable in 45° steps

- with hinged cover that falls back
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals




Rated voltage 250 V~  
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.


DESIGN ORDER NO. PU  
polar white velvety **4746 60 89** 10  
anthracite velvety, lacquered **\* 4746 60 86** 10



**NEW** **SCHUKO socket outlet with hinged cover**

- Labelling field
- enhanced contact protection

- with self-closing hinged covers
- with imprint
- with plug-in terminals




Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

**SUITABLE FOR optional** ORDER NO. PAGE  
Sealing set for socket outlets/centre plates 1010 72 00 351

DESIGN ORDER NO. PU  
polar white velvety **4752 60 89** 10  
anthracite velvety, lacquered **\* 4752 60 86** 10




**SCHUKO socket outlets with safety device**

**NEW** **SCHUKO socket outlet with overvoltage protection**

- Labelling field
- Screw terminals


- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals



Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.  
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

DESIGN ORDER NO. PU  
polar white velvety **4108 60 89** 1  
anthracite velvety, lacquered **\* 4108 60 86** 1



**NEW**



**SCHUKO socket outlet with residual current circuit-breaker**

- enhanced contact protection



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Trigger time	≤ 30 ms
Surge current resistance	250 A (8/20) μs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA

**i 967**

Through-wired socket outlets are also protected.  
Tested conform according to VDE 0664 (EN 61008)  
Suitable for use according to according to DIN VDE 0100-410

- to protect connected and downstream loads
- type A for alternating currents and pulsating direct currents
- with plug-in terminals



DESIGN	ORDER NO.	PU
polar white velvety	<b>4708 60 89</b>	1
anthracite velvety, lacquered	<b>* 4708 60 86</b>	1

**SCHUKO socket outlets for special applications**

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



**SCHUKO socket outlet**

Rated voltage	250 V~
Rated current	16 A

- with plug-in terminals

Insert colour-coded.

**i 911**



DESIGN	ORDER NO.	PU
red velvety	<b>4743 60 12</b>	10
green velvety	<b>4743 60 13</b>	10
orange velvety	<b>4743 60 14</b>	10



**SCHUKO socket outlet**

- Screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

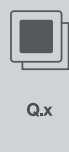
- with screw-in lift terminals

Insert colour-coded.

**i 911**



DESIGN	ORDER NO.	PU
red velvety	<b>4143 60 12</b>	10
green velvety	<b>4143 60 13</b>	10
orange velvety	<b>4143 60 14</b>	10





**SCHUKO socket outlet with imprint**

Rated voltage 250 V~ ■ with plug-in terminals  
Rated current 16 A

Insert colour-coded.  
Labelling field height designed for 6 mm P-touch strips.

**i 911**

DESIGN	ORDER NO.	PU
polar white velvety, Imprint "EDV" in black	<b>4743 60 09</b>	10
polar white velvety, Imprint "EDV" in red	<b>4743 60 79</b>	10
polar white velvety, Imprint "SV" in green	<b>4743 60 39</b>	10
polar white velvety, Imprint "ZSV" in orange	<b>4743 60 49</b>	10



**SCHUKO socket outlet with imprint**

Rated voltage 250 V~ ■ with plug-in terminals  
Rated current 16 A

Insert colour-coded.  
Labelling field height designed for 6 mm P-touch strips.

**i 911**

DESIGN	ORDER NO.	PU
red velvety, Imprint "EDV"	<b>4743 60 22</b>	10
green velvety, Imprint "SV"	<b>4743 60 03</b>	10
orange velvety, Imprint "ZSV"	<b>4743 60 07</b>	10



**SCHUKO socket outlet**

- Labelling field

■ with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.  
Labelling field height designed for 6 mm P-touch strips.

**i 911**

DESIGN	ORDER NO.	PU
red velvety	<b>4750 60 02</b>	10
green velvety	<b>4750 60 03</b>	10
orange velvety	<b>4750 60 07</b>	10



**SCHUKO socket outlet with imprint**

- Labelling field

■ with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.  
Labelling field height arranged for P-touch strips 6 mm.

**i 911**

DESIGN	ORDER NO.	PU
red velvety, Imprint "EDV"	<b>4750 60 15</b>	10
green velvety, Imprint "SV"	<b>4750 60 13</b>	10
orange velvety, Imprint "ZSV"	<b>4750 60 14</b>	10





**SCHUKO socket outlet with control LED and imprint**

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.  
Labelling field height arranged for P-touch strips 6 mm.  
Execution SV, ZSV to according to VDE 0100-710

DESIGN	ORDER NO.	PU
red velvety, Imprint "EDV"	<b>4110 60 15</b>	10
green velvety, Imprint "SV"	<b>4110 60 13</b>	10
orange velvety, Imprint "ZSV"	<b>4110 60 14</b>	10



**SCHUKO socket outlet with hinged cover and imprint**

Rated voltage 250 V~  
Rated current 16 A

- with hinged cover that falls back
- with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
polar white velvety, Imprint "EDV" in red	<b>4751 60 59</b>	10
polar white velvety, Imprint "SV" in green	<b>4751 60 39</b>	10
polar white velvety, Imprint "ZSV" in orange	<b>4751 60 49</b>	10



**SCHUKO socket outlet with hinged cover and imprint**

- Labelling field
- enhanced contact protection

- with self-closing hinged covers
- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

SUITABLE FOR optional	ORDER NO.	PAGE
Sealing set for socket outlets/centre plates	1010 72 00	351

**i 911**

DESIGN	ORDER NO.	PU
polar white velvety, Imprint "EDV" in red	<b>4752 60 59</b>	10
polar white velvety, Imprint "SV" in green	<b>4752 60 39</b>	10
polar white velvety, Imprint "ZSV" in orange	<b>4752 60 49</b>	10



**SCHUKO socket outlet with overvoltage protection**

- Labelling field
- Screw terminals

- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals



Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.  
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

**i 940**

DESIGN	ORDER NO.	PU
red velvety	<b>4108 60 62</b>	1



**INTERNATIONAL SOCKET OUTLET SYSTEMS**

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

**Socket outlets without earthing contact**

**NEW**



**Socket outlet without earthing contact**

Rated voltage  
Rated current

250 V~  
16 A

- 2pole
- without spreader claws
- with plug-in terminals

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>61 6703 60 89</b>	10
anthracite velvety, lacquered	<b>* 61 6703 60 86</b>	10

**NEW**



**Socket outlet without earthing contact**

**- enhanced contact protection**



Rated voltage  
Rated current

250 V~  
16 A

- 2pole
- without spreader claws
- with plug-in terminals

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>61 6733 60 89</b>	10
anthracite velvety, lacquered	<b>* 61 6733 60 86</b>	10

**NEW**



**Socket outlet without earthing contact**

**- Screw terminals**



Rated voltage  
Rated current

250 V~  
16 A

- 2pole
- with screw terminals

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>61 6103 60 89</b>	10
anthracite velvety, lacquered	<b>* 61 6103 60 86</b>	10

**Socket outlets with earthing pin**

**NEW**



**Socket outlet with earthing pin**

**- enhanced contact protection**



Rated voltage  
Rated current

250 V~  
16 A

- 2pole + earth
- with plug-in terminals

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>67 6876 60 89</b>	10
anthracite velvety, lacquered	<b>* 67 6876 60 86</b>	10



**Socket outlet with earthing pin**

- enhanced contact protection
- Screw-in lift terminals



- 2pole + earth
- with screw-in lift terminals

**i 911**

Rated voltage 250 V~  
Rated current 16 A



DESIGN	ORDER NO.	PU
polar white velvety	<b>67 6576 60 89</b>	10
anthracite velvety, lacquered	<b>* 67 6576 60 86</b>	10



**Socket outlet with earthing pin and LED orientation light**

- enhanced contact protection
- Screw-in lift terminals



- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- 2pole + earth
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

**i 911**

Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A  
Power consumption 0,25 W/0,35 VA  
Switch-off brightness ca. 4 lx  
Light intensity (white) 0,2 cd  
Switch-on brightness ca. 2 lx  
Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>

Caution!  
Items with special flush-mounted insert.  
Centre plates with LED orientation lights are not compatible with the standard socket outlets.



DESIGN	ORDER NO.	PU
polar white velvety	<b>* 67 6510 60 89</b>	10
anthracite velvety, lacquered	<b>* 67 6510 60 86</b>	10



**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection
- Screw-in lift terminals



- 2pole + earth
- with screw-in lift terminals

**i 911**

Rated voltage 250 V~  
Rated current 16 A



DESIGN	ORDER NO.	PU
polar white velvety	<b>67 6509 60 89</b>	10
anthracite velvety	<b>* 67 6509 60 86</b>	10



**Socket outlet with earthing pin and hinged cover**

- enhanced contact protection



- with hinged cover that falls back
- with imprint
- 2pole + earth
- with plug-in terminals

**i 911**

Rated voltage 250 V~  
Rated current 16 A



DESIGN	ORDER NO.	PU
polar white velvety	<b>67 6877 60 89</b>	10
anthracite velvety, lacquered	<b>* 67 6877 60 86</b>	10



**NEW**



**Socket outlet with earthing pin and hinged cover**

- enhanced contact protection
- Screw-in lift terminals



- with hinged cover that falls back
- with imprint
- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**



DESIGN	ORDER NO.	PU
polar white velvety	<b>67 6583 60 89</b>	10
anthracite velvety, lacquered	<b>* 67 6583 60 86</b>	10

**Socket outlets with earthing pin for special applications**



**Socket outlet with earthing pin**

- enhanced contact protection



- 2pole + earth
- with plug-in terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**



DESIGN	ORDER NO.	PU
red velvety	<b>67 6876 60 12</b>	10
green velvety	<b>67 6876 60 13</b>	10
orange velvety	<b>67 6876 60 14</b>	10



**Socket outlet with earthing pin**

- enhanced contact protection
- Screw-in lift terminals



- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**



DESIGN	ORDER NO.	PU
red velvety	<b>67 6576 60 12</b>	10
green velvety	<b>67 6576 60 13</b>	10
orange velvety	<b>67 6576 60 14</b>	10



**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection
- Screw-in lift terminals



- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**



DESIGN	ORDER NO.	PU
red velvety	<b>67 6509 60 15</b>	10
green velvety	<b>67 6509 60 13</b>	10
orange velvety	<b>67 6509 60 14</b>	10



**British Standard socket outlets**

**NEW**



**Socket outlet insert with earthing contact  
BRITISH STANDARD, can be switched off**

- enhanced contact protection
- Screw terminals



Rated voltage  
Rated current

250 V~  
13 A

- without spreader claws
- 2pole + earth
- with screw terminals

**SUITABLE FOR**

Centre plate for socket outlets, British Standard, can be switched off

**ORDER NO.**

33 1307 ..

**PAGE**

442

DESIGN	ORDER NO.	PU
white glossy	* 3342 02 12	10
polar white glossy	* 3342 02 19	10
anthracite matt	* 3342 02 16	10
brown glossy	* 3342 02 11	10

**NEW**



**Centre plate for socket outlets, British Standard, can be switched off**

**SUITABLE FOR**

Socket outlet insert with earthing contact 3342 02 .. BRITISH STANDARD, can be switched off

**ORDER NO.**

33 1307 ..

**PAGE**

202

DESIGN	ORDER NO.	PU
polar white velvety	* 33 1307 60 89	10
anthracite velvety, lacquered	* 33 1307 60 86	10

**NEMA-socket outlets**

**NEW**



**Socket outlet with earthing contact USA/  
CANADA NEMA 5-15 R**

- Screw terminals



Rated voltage  
Rated current

125 V~  
15 A

- 2pole + earth
- without spreader claws
- with screw terminals

**i 911**

Not UL-certified.  
Standard NEMA 5-15 R



DESIGN	ORDER NO.	PU
polar white velvety	4166 60 89	10
anthracite velvety, lacquered	* 4166 60 86	10

**NEW**



**Socket outlet with earthing contact USA/  
CANADA NEMA 5-20 R**

- Screw terminals



Rated voltage  
Rated current

125 V~  
20 A

- 2pole + earth
- without spreader claws
- with screw terminals

**i 911**

Not UL-certified.  
Standard NEMA 5-20 R



DESIGN	ORDER NO.	PU
polar white velvety	4168 60 89	10
anthracite velvety, lacquered	* 4168 60 86	10



Q.x

**COVERS FOR SWITCHES/PUSH-BUTTONS**

**Rockers**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

**NEW**

**Rocker**



■ also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1620 60 89</b>	10
anthracite velvety, lacquered	* <b>1620 60 86</b>	10

**NEW**

**Rocker with imprinted symbol for light**



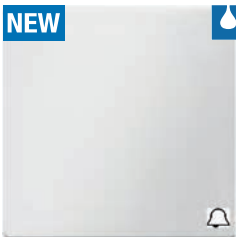
■ also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1620 60 49</b>	10
anthracite velvety, lacquered	* <b>1620 60 46</b>	10

**NEW**

**Rocker with imprinted symbol for bell**



■ also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1620 60 59</b>	10
anthracite velvety, lacquered	* <b>1620 60 56</b>	10

**NEW**

**Rocker with imprinted symbol for door opener**



■ also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1620 60 69</b>	10
anthracite velvety, lacquered	* <b>1620 60 66</b>	10

**NEW**

**Rocker**  
**- Labelling field**



For labelling with names, notes etc.  
Labelling field height designed for 6 mm P-touch strip.

■ also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1626 60 89</b>	10
anthracite velvety, lacquered	* <b>1626 60 86</b>	10

**NEW**  **Rocker**

**- Lens**



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1621 60 89</b>	10
anthracite velvety, lacquered	<b>* 1621 60 86</b>	10

**NEW**  **Rocker with imprinted symbol for light**

**- Lens**



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1621 60 79</b>	10
anthracite velvety, lacquered	<b>* 1621 60 76</b>	10

**NEW**  **Rocker**

**- Labelling field**

**- Lens**



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1628 60 89</b>	10
anthracite velvety, lacquered	<b>* 1628 60 86</b>	10

**NEW**  **Rocker with imprinted symbol for bell**

**- Labelling field**

**- Lens**



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.


Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang



SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1628 60 79</b>	10
anthracite velvety, lacquered	<b>* 1628 60 76</b>	10



**NEW**  **Rocker**

- Large labelling field
- Lens

Labelling field (W x H) ≈ 54.8 x 42.8 mm

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

For labelling with names, notes etc.


Labelling field height designed for two 18 mm P-touch strips.

Lenses available in orange and clear.



DESIGN	ORDER NO.	PU
polar white velvety	<b>1696 60 89</b>	10
anthracite velvety, lacquered	<b>* 1696 60 86</b>	10

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

**NEW**  **Rocker with imprinted symbol for bell**

- Large labelling field
- Lens

Labelling field (W x H) ≈ 54.8 x 42.8 mm

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.

Lenses available in orange and clear.


DESIGN	ORDER NO.	PU
polar white velvety	<b>1696 60 79</b>	10
anthracite velvety, lacquered	<b>* 1696 60 76</b>	10


- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

**Rockers for multi-pole rocker switches**


 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

**NEW**  **Rocker with imprint "0"**




DESIGN	ORDER NO.	PU
polar white velvety	<b>1622 60 89</b>	10
anthracite velvety, lacquered	<b>* 1622 60 86</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 28
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

**NEW**  **Rocker with imprint "0"**

- Orange lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

DESIGN	ORDER NO.	PU
polar white velvety	<b>1624 60 89</b>	10
anthracite velvety, lacquered	<b>* 1624 60 86</b>	10

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 28
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

**Multiple Rockers**

**NEW**



**Rocker 2gang**

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch, 2gang		page 30
Series push-button		page 30

DESIGN	ORDER NO.	PU
polar white velvety	<b>1623 60 89</b>	10
anthracite velvety, lacquered	* <b>1623 60 86</b>	10

**NEW**



**Rocker 2gang**

**- Lens**



Illumination only possible by 1 neon lamp unit.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch, 2gang		page 30
Series push-button		page 30

DESIGN	ORDER NO.	PU
polar white velvety	<b>1627 60 89</b>	10
anthracite velvety, lacquered	* <b>1627 60 86</b>	10

**NEW**



**Rocker 3gang**

SUITABLE FOR	ORDER NO.	PAGE
On/off switch 3gang	6330 23	33

DESIGN	ORDER NO.	PU
polar white velvety	<b>1665 60 89</b>	10
anthracite velvety, lacquered	* <b>1665 60 86</b>	10

**Centre plates for pullcord switches/pullcord push-buttons**

**NEW**



**Centre plate for pullcord switch/pullcord push-button**

SUITABLE FOR	ORDER NO.	PAGE
Pullcord switches/pullcord push-buttons		page 33

DESIGN	ORDER NO.	PU
polar white velvety	<b>1146 60 89</b>	10
anthracite velvety, lacquered	* <b>1146 60 86</b>	10

**Centre plates for key switches/key push-buttons**

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.

**NEW**



**Centre plate for key switch/key push-button**

- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Key switches/key push-buttons		page 35
Lock cylinder	1818 ..	79

**optional**  
Sealing set for key switch/key push-button 1010 70 00 351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1507 60 89</b>	10
anthracite velvety, lacquered	* <b>1507 60 86</b>	10



Q.x

**Centre plates for protection switches**



**50 x 50 mm centre plate for RCD protection switch**

Caution!  
Use only with intermediate ring for 50 x 50 mm centre plate from the corresponding range.

**SUITABLE FOR**  
Residual current circuit-breaker

**ORDER NO.**  
2844

**PAGE**  
36

DESIGN  
polar white matt/velvety

ORDER NO.  
**1493 19 09**

PU  
1

**TIMERS**

**Centre plates for mechanical timer**



**Centre plate for mechanical timer**

**SUITABLE FOR**  
Mechanical time switches

**ORDER NO.**  
page 37

DESIGN  
**with time scale 15 min**

ORDER NO.

PU

polar white velvety

**1632 60 89**

1

anthracite velvety, lacquered

**\* 1632 60 86**

1

**with time scale 120 min**

polar white velvety

**1633 60 89**

1

anthracite velvety, lacquered

**\* 1633 60 86**

1



**Centre plate for time relay insert**

**- Push-button with clear lens**

■ with imprint



**SUITABLE FOR**  
Time relay insert

**ORDER NO.**  
2948 10

**PAGE**  
38

Axis dimension Ø

4 mm

DESIGN

ORDER NO.

PU

polar white velvety

**1674 60 89**

10

anthracite velvety, lacquered

**\* 1674 60 86**

10



**Timer comfort for sensors**

**- Display**



- after charging, the timer can also be programmed when removed.
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

**SUITABLE FOR**

**ORDER NO.**

**PAGE**

Insert for timer

2948

39

**optional**

RolloTec brightness sensor

169

128

RolloTec adapter for sensors

171

130

RolloTec brightness sensor surface-mounted

184

129

**i 912**

DESIGN

ORDER NO.

PU

polar white velvety

**1738 60 89**

1

anthracite velvety, lacquered

**\* 1738 60 86**

1





**Timer comfort**

**- Display**



- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	39

**i 912**



DESIGN	ORDER NO.	PU
polar white velvety	<b>1736 60 89</b>	1
anthracite velvety, lacquered	<b>* 1736 60 86</b>	1



**Timer Easy**

**- Display**



- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	39

**i 912**



DESIGN	ORDER NO.	PU
polar white velvety	<b>1735 60 89</b>	1
anthracite velvety, lacquered	<b>* 1735 60 86</b>	1

**COVERS FOR DIMMERS**

**Centre plates for rotary dimmers**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



**Centre plate for rotary dimmer**

**- Setting knob**



Axis dimension Ø

4 mm

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmers		page 42
Rotary potentiometer DALI		page 46
1-10 V Rotary potentiometer		page 47
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1137 60 89</b>	10
anthracite velvety, lacquered	<b>* 1137 60 86</b>	10

**Push-buttons**



**Button for universal series touch dimmer**

SUITABLE FOR	ORDER NO.	PAGE
Universal series touch dimmer (R, L, C)	2901	49

**i 915**



DESIGN	ORDER NO.	PU
polar white velvety	<b>1765 60 89</b>	1
anthracite velvety, lacquered	<b>* 1765 60 86</b>	1

**BLC - BERKER LIGHT CONTROL**

**BLC push-buttons**

**NEW**



**BLC push-button**

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit	2907	59

**i 917**



DESIGN	ORDER NO.	PU
polar white velvety	<b>1761 60 89</b>	1
anthracite velvety, lacquered	<b>* 1761 60 86</b>	1

**BLC controller**

**NEW**



**BLC controller comfort 1.1 m**

Delay time, adjustable	≈ 10 s ... 30 min	<ul style="list-style-type: none"> <li>with slide switch for OFF/automatic/ON</li> </ul>
Detection angle	180 °	<ul style="list-style-type: none"> <li>with teach function for response brightness</li> </ul>
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)	<ul style="list-style-type: none"> <li>step operation with immunity time (e.g. for bell)</li> <li>with cover to limit detection angle to 90°</li> </ul>

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 920**



DESIGN	ORDER NO.	PU
<b>Nominal mounting height 1.1 m</b>		
polar white velvety	<b>1784 60 89</b>	1
anthracite velvety, lacquered	<b>* 1784 60 86</b>	1



**NEW**



**BLC IR controller comfort 2.2 m with hand-held transmitter**

Detection angle	180 °	<ul style="list-style-type: none"> <li>with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic</li> <li>with detection and IR receiver LED red, and IR confirmation LED green</li> <li>with teach function for response brightness</li> <li>presence simulation via remote control: retrieval of the switching operations from the last 7 days</li> <li>hotel mode via remote control: without motion dimming to 20%</li> <li>short-time mode with immunity time (e.g. for bell) via remote control</li> <li>test mode via remote control: response sensitivity 100%, time delay 1 s and day mode</li> </ul>
Delay time, adjustable	≈ 10 s ... 60 min	
<b>Scope of delivery:</b>		
- BLC IR controller comfort		
- IR hand-held transmitter		
As-delivered and reset condition: Response sensitivity 100%, time delay 30 s, night mode approx. 1 lx, additional functions OFF.		

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 921**



DESIGN	ORDER NO.	PU
<b>Nominal mounting height 2.2 m</b>		
polar white velvety	<b>1789 60 89</b>	1
anthracite velvety, lacquered	<b>* 1789 60 86</b>	1







**BLC controller**

Delay time  $\approx 2$  min  
 Detection angle  $180^\circ$   
 Response brightness, adjustable  $\approx 0 \dots 80$  lx,  $\infty$  lx (day)

**SUITABLE FOR**

BLC switches  
 BLC dimmers  
 BLC insert for timer  
 BLC extension unit for motion detector

**ORDER NO.**  
 2934 10  
 2908

**PAGE**  
 page 55  
 page 58  
 58  
 92

**i 920**

DESIGN

ORDER NO.

PU

**Nominal mounting height 1.1 m**

polar white velvety <sup>1)</sup>	<b>1783 60 89</b>	1
anthracite velvety, lacquered <sup>1)</sup>	<b>* 1783 60 86</b>	1

**Nominal mounting height 2.2 m**

polar white velvety	<b>1788 60 89</b>	1
anthracite velvety, lacquered	<b>* 1788 60 86</b>	1



<sup>1)</sup>with cover to limit detection angle to  $90^\circ$



**BLC controller comfort IP44**

Delay time, adjustable  $\approx 10$  s ... 30 min  
 Detection angle  $180^\circ$   
 Response brightness, adjustable  $\approx 0 \dots 80$  lx,  $\infty$  lx (day)

- with teach function for response brightness
- with cover to limit detection angle to  $90^\circ$

**SUITABLE FOR**

BLC switches  
 BLC dimmers  
 BLC insert for timer  
 BLC extension unit for motion detector

**ORDER NO.**  
 2934 10  
 2908

**PAGE**  
 page 55  
 page 58  
 58  
 92

**i 920**

DESIGN

ORDER NO.

PU

**Nominal mounting height 1.1 m**

polar white velvety	<b>1784 61 89</b>	1
anthracite velvety, lacquered	<b>* 1784 61 86</b>	1

**Nominal mounting height 2.2 m**

polar white velvety	<b>1787 61 89</b>	1
anthracite velvety, lacquered	<b>* 1787 61 86</b>	1



**BLC controller IP44**

Delay time  $\approx 2$  min  
 Detection angle  $180^\circ$   
 Response brightness, adjustable  $\approx 0 \dots 80$  lx,  $\infty$  lx (day)

- with cover to limit detection angle to  $90^\circ$

**SUITABLE FOR**

BLC switches  
 BLC dimmers  
 BLC insert for timer  
 BLC extension unit for motion detector

**ORDER NO.**  
 2934 10  
 2908

**PAGE**  
 page 55  
 page 58  
 58  
 92

**i 920**

DESIGN

ORDER NO.

PU

**Nominal mounting height 1.1 m**

polar white velvety	<b>1783 61 89</b>	1
anthracite velvety, lacquered	<b>* 1783 61 86</b>	1

**Nominal mounting height 2.2 m**

polar white velvety	<b>1786 61 89</b>	1
anthracite velvety, lacquered	<b>* 1786 61 86</b>	1



**COVERS FOR BLIND SWITCHES/PUSH-BUTTONS**

**Rockers with imprint**

**NEW**



**Rocker 2gang with imprinted arrow symbol**

■ also for KNX applications: push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Switch / push-button for blinds		page 112

DESIGN	ORDER NO.	PU
polar white velvety	<b>1625 60 89</b>	10
anthracite velvety, lacquered	<b>* 1625 60 86</b>	10

**NEW**



**Rocker 2gang with imprinted arrows symbol**

■ also for KNX applications: group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Group series push-button, 4 NO contacts, common input terminal	5034 04	31

DESIGN	ORDER NO.	PU
polar white velvety	<b>1644 60 89</b>	10
anthracite velvety, lacquered	<b>* 1644 60 86</b>	10

**Centre plates for rotary switches for blinds**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

**NEW**



**Centre plate with rotary knob for rotary switch for blinds**

■ with imprint

SUITABLE FOR	ORDER NO.	PAGE
Rotary switch for blinds		page 114
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	351
Interlock disk for rotary switch for blinds	1861	115

DESIGN	ORDER NO.	PU
polar white velvety	<b>1080 60 89</b>	1
anthracite velvety, lacquered	<b>* 1080 60 86</b>	1

**Centre plates for key switches/key push-buttons for blinds**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.

**NEW**



**Centre plate with lock and push lock function for switch for blinds**

- Key can be removed in 0 position



■ with imprint  
■ with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole for centre plate with lock	3852	115
Switch for blinds 1pole for centre plate with lock	3851	115

DESIGN	ORDER NO.	PU
polar white velvety	<b>1081 60 89</b>	1
anthracite velvety, lacquered	<b>* 1081 60 86</b>	1



**Centre plate with lock and push lock function for switch for blinds**

- Key can be removed in 3 positions



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole for centre plate with lock	3852	115
Switch for blinds 1pole for centre plate with lock	3851	115

DESIGN	ORDER NO.	PU
polar white velvety	<b>1082 60 89</b>	1
anthracite velvety, lacquered	* <b>1082 60 86</b>	1



**Centre plate with lock and touch function for switch for blinds**

- Key can be removed in 0 position



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

DESIGN	ORDER NO.	PU
polar white velvety	<b>1083 60 89</b>	1
anthracite velvety, lacquered	* <b>1083 60 86</b>	1



**Centre plate for key push-button for blinds/key switch**

- with imprint
- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole for lock cylinder	3822 10	118
Push-button for blinds 1pole for lock cylinder	3831 ..	118
Push-button for blinds 2pole for lock cylinder	3832 10	118
Lock cylinder	1818 ..	79
<b>optional</b>		
Sealing set for key switch/key push-button	1010 70 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1506 60 89</b>	10
anthracite velvety, lacquered	* <b>1506 60 86</b>	10

**ROLLOTEC**

**RolloTec buttons**



**RolloTec button comfort for sensors**

- only for sensor connection to terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor	169	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor surface-mounted	184	129

**i 944**



DESIGN	ORDER NO.	PU
polar white velvety	<b>1771 60 89</b>	1
anthracite velvety, lacquered	* <b>1771 60 86</b>	1



**NEW**

**RolloTec button comfort**

**SUITABLE FOR**  
RolloTec inserts

**ORDER NO.** **PAGE**  
page 121

**i 944**



DESIGN	ORDER NO.	PU
polar white velvety	<b>1770 60 89</b>	1
anthracite velvety, lacquered	<b>* 1770 60 86</b>	1



**NEW**

**RolloTec memory button for sensors**

Stored “up” and/or “down” time is run daily in automatic operation.

■ only for sensor connection to terminal block

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
RolloTec inserts		page 121
<b>optional</b>		
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor	169	128

**i 944**



DESIGN	ORDER NO.	PU
polar white velvety	<b>1757 60 89</b>	1
anthracite velvety, lacquered	<b>* 1757 60 86</b>	1



**NEW**

**RolloTec memory button**

Stored “up” and/or “down” time is run daily in automatic operation.

**SUITABLE FOR**  
RolloTec inserts

**ORDER NO.** **PAGE**  
page 121

**i 944**



DESIGN	ORDER NO.	PU
polar white velvety	<b>1756 60 89</b>	1
anthracite velvety, lacquered	<b>* 1756 60 86</b>	1

**RolloTec time switches**

**NEW**



**RolloTec comfort time switch for sensors**

**- Display**



- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec brightness sensor	169	128
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129
Magnetic contact	9251 0 ..	130

**i 948**



DESIGN	ORDER NO.	PU
polar white velvety	<b>1775 60 89</b>	1
anthracite velvety, lacquered	<b>* 1775 60 86</b>	1

**NEW**



**RolloTec comfort time switch**

**- Display**



- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121

**i 948**



DESIGN	ORDER NO.	PU
polar white velvety	<b>1774 60 89</b>	1
anthracite velvety, lacquered	<b>* 1774 60 86</b>	1

**NEW**



**RolloTec easy time switch**

**- Display**



- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121

**i 948**



DESIGN	ORDER NO.	PU
polar white velvety	<b>1762 60 89</b>	1
anthracite velvety, lacquered	<b>* 1762 60 86</b>	1



**HVAC CONTROLLERS AND COVERS**

**Thermostat**

**NEW**



**Thermostat, NO contact, with centre plate**

- **Time-controlled**



Rated voltage	230 V~
Frequency	50 Hz
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10

- for floor heating, control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

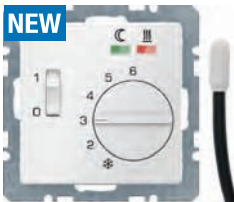
SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	144
<b>optional</b>		
Temperature sensor	161	152

**i 942**



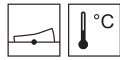
DESIGN	ORDER NO.	PU
polar white velvety	<b>2044 60 89</b>	1
anthracite velvety, lacquered	<b>* 2044 60 86</b>	1

**NEW**



**Thermostat, NO contact, with centre plate, for underfloor heating**

- **Rocker switch**  
- **External temperature sensor**



Rated voltage	250 V~
Frequency	50/60 Hz

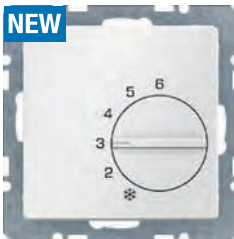
SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat for under-floor heating	1672 60 8 ..	142
Valve drive 230 V	7590 00 76	144
<b>replacement</b>		
Temperature sensor	161	152

**i 941**



DESIGN	ORDER NO.	PU
polar white velvety	<b>2034 60 89</b>	1
anthracite velvety, lacquered	<b>* 2034 60 86</b>	1

**NEW**



**Temperature controller, change-over contact, with centre plate**

Rated voltage	250 V~
Frequency	50/60 Hz

- for heating or cooling mode

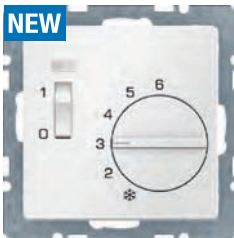
SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1670 60 8 ..	142
Valve drive 230 V	7590 00 76	144

**i 941**



DESIGN	ORDER NO.	PU
polar white velvety	<b>2026 60 89</b>	1
anthracite velvety, lacquered	<b>* 2026 60 86</b>	1

**NEW**



**Temperature controller, NC contact, with centre plate**

- **Rocker switch**



Rated voltage	250 V~
Frequency	50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 60 8 ..	143
Valve drive 230 V	7590 00 76	144

**i 941**



DESIGN	ORDER NO.	PU
polar white velvety	<b>2030 60 89</b>	1
anthracite velvety, lacquered	<b>* 2030 60 86</b>	1



**Temperature controller, NC contact, with centre plate, 24 V AC/DC**

- **Rocker switch**



Rated voltage 24 V~/24 V=  
Frequency 50/60 Hz

**SUITABLE FOR**  
Centre plate for thermostat  
Valve drive 24 V AC/DC

ORDER NO.	PAGE
1671 60 8 ..	143
7590 00 77	144

**i 941**

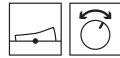


DESIGN	ORDER NO.	PU
polar white velvety	<b>2031 60 89</b>	1
anthracite velvety, lacquered	* <b>2031 60 86</b>	1



**Centre plate for thermostat for underfloor heating**

- **Rocker**  
- **Setting knob**



DESIGN  
polar white velvety  
anthracite velvety, lacquered

**SUITABLE FOR**  
Thermostat, NO contact, with centre plate, for underfloor heating

ORDER NO.	PAGE
2034 60 8 ..	138

DESIGN	ORDER NO.	PU
polar white velvety	<b>1672 60 89</b>	1
anthracite velvety, lacquered	* <b>1672 60 86</b>	1



**Centre plate for thermostat**

- **Setting knob**



DESIGN  
polar white velvety  
anthracite velvety, lacquered

**SUITABLE FOR**  
Temperature controller, change-over contact, with centre plate

ORDER NO.	PAGE
2026 60 8 ..	139

DESIGN	ORDER NO.	PU
polar white velvety	<b>1670 60 89</b>	1
anthracite velvety, lacquered	* <b>1670 60 86</b>	1



**Centre plate for thermostat**

- **Rocker**  
- **Setting knob**



DESIGN  
polar white velvety  
anthracite velvety, lacquered

**SUITABLE FOR**  
Temperature controller, NC contact, with centre plate  
Temperature controller, NC contact, with centre plate, 24 V AC/DC

ORDER NO.	PAGE
2030 60 8 ..	140
2031 60 8 ..	141

DESIGN	ORDER NO.	PU
polar white velvety	<b>1671 60 89</b>	1
anthracite velvety, lacquered	* <b>1671 60 86</b>	1

**Central plates for sensor inserts**



**Central plate for sensor insert**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
Labelling field cannot be used.

DESIGN  
polar white matt/velvety

**SUITABLE FOR**  
Sensor insert

ORDER NO.	PAGE
7594 10 01	143

DESIGN	ORDER NO.	PU
polar white matt/velvety	<b>7594 04 89</b>	1



**Rockers for heating emergency switches**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

**Rocker with imprint "Heizung Notschalter"**



**- Orange lens**



Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.

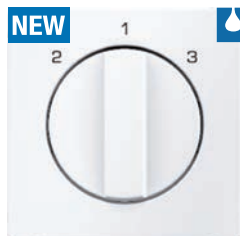
- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351
DESIGN	ORDER NO.	PU
polar white velvety	<b>1621 60 69</b>	10

**Centre plates for air conditioner/fan controllers**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

**Centre plate with rotary knob for 3-step switch**



DESIGN

**without 0-position, imprint 2-1-3**

polar white velvety

anthracite velvety, lacquered

**with 0-position, imprint 0-1-2-3**

polar white velvety

anthracite velvety, lacquered

SUITABLE FOR	ORDER NO.	PAGE
3-step switch	3861 ..	148
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	351
DESIGN	ORDER NO.	PU
polar white velvety	<b>1084 60 89</b>	1
anthracite velvety, lacquered	* <b>1084 60 86</b>	1
polar white velvety	<b>1096 60 89</b>	1
anthracite velvety, lacquered	* <b>1096 60 86</b>	1



**Centre plate for speed controller**

**- Setting knob**



Axis dimension Ø

4 mm

- with imprinted symbol curve

SUITABLE FOR	ORDER NO.	PAGE
Speed controllers	2968 01	149
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	351
DESIGN	ORDER NO.	PU
polar white velvety	<b>1137 60 79</b>	10
anthracite velvety, lacquered	* <b>1137 60 76</b>	10





**COMMUNICATION/MULTIMEDIA TECHNOLOGY**

■ For information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

**Covers data-/telecommunication**

**NEW**

**Centre plate with TAE cut-out**



- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
230 V USB charging socket outlet	2600 0 ..	176
Loudspeaker connection box	4572 0 ..	177
Stereo loudspeaker connection box	4573 0 ..	177
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	165
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	165

DESIGN	ORDER NO.	PU
polar white velvety	<b>1033 60 89</b>	10
anthracite velvety, lacquered	* <b>1033 60 86</b>	10

**NEW**

**Centre plate for FCC socket outlet**



- for 1gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 160

DESIGN	ORDER NO.	PU
polar white velvety	<b>1407 60 89</b>	10
anthracite velvety, lacquered	* <b>1407 60 86</b>	10

**NEW**

**Centre plate for FCC socket outlet 2gang**



- for 2gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 162

DESIGN	ORDER NO.	PU
polar white velvety	<b>1409 60 89</b>	10
anthracite velvety, lacquered	* <b>1409 60 86</b>	10

**NEW**

**Centre plate with dust protection slider**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting device, 1gang, order no. 4540 .., see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white velvety	<b>1170 60 89</b>	10
anthracite velvety, lacquered	* <b>1170 60 86</b>	10

**NEW**

**Centre plate with 2 dust protection sliders**

**- Labelling field**

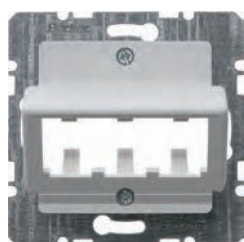


Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 .., see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white velvety	<b>1181 60 89</b>	10
anthracite velvety, lacquered	* <b>1181 60 86</b>	10





**Central plate for 3 MINI-COM modules**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- labelling field latchable
- for Mini-Com dummy modules 1gang

**SUITABLE FOR** Multimedia modules **ORDER NO.** **PAGE**  
page 624

DESIGN ORDER NO. PU  
polar white matt/velvety **1427 19 09** 10



**Central plate for Reichle&De-Massari single modules**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

DESIGN ORDER NO. PU  
polar white matt/velvety **1472 19 09** 10



**Central plate for Reichle&De-Massari double module**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

DESIGN ORDER NO. PU  
polar white matt/velvety **1461 19 09** 10



**Central plate 2gang for AMP jacks**

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

DESIGN ORDER NO. PU  
polar white matt/velvety **1463 19 09** 10



**Central plate 2gang for Krone jacks**

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

DESIGN ORDER NO. PU  
polar white matt/velvety **1464 19 09** 10



**Central plate for fibre-optic couplings Simplex ST**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

DESIGN ORDER NO. PU  
polar white matt/velvety, 2gang **1492 19 09** 10



**Central plate for fibre-optic couplings Duplex SC**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

DESIGN	ORDER NO.	PU
polar white matt/velvety	<b>1480 19 09</b>	10

**Covers for aerial sockets**

**NEW**



**Centre plate for aerial socket 2-/3hole**

- with knock out SAT input

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Aerial sockets		page 156

DESIGN	ORDER NO.	PU
polar white velvety	<b>1203 60 89</b>	10
anthracite velvety, lacquered	* <b>1203 60 86</b>	10



**Central plate for aerial socket 4hole (Ankaro)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Aerial socket 4hole single box	4594	158

DESIGN	ORDER NO.	PU
polar white matt/velvety	<b>1484 19 09</b>	10



**Central plate for aerial socket 4hole (Hirschmann)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

DESIGN	ORDER NO.	PU
polar white matt/velvety	<b>1483 19 09</b>	10



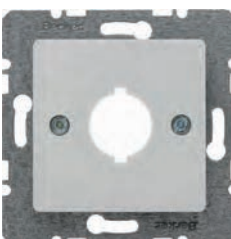
**Central plate for broadband modem socket (Wisi)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with additional multimedia output

DESIGN	ORDER NO.	PU
polar white matt/velvety	# <b>1439 19 09</b>	10

**Central plates for signalling and command units**



**Central plate with installation opening Ø 18.8 mm**

Screw spacing 36 mm

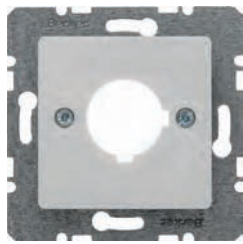
Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with cut-out dia. 18.8 mm
- labelling field latchable

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b> Built-in socket for floating output	4604	724

DESIGN	ORDER NO.	PU
polar white matt/velvety	<b>1431 19 09</b>	10





**Central plate with installation opening Ø 22.5 mm**

Screw spacing 36 mm ■ with cut-out dia. 22.5 mm  
■ labelling field latchable

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
Installation aperture according to IEC 60947-5-1

DESIGN	ORDER NO.	PU
polar white matt/velvety	<b>1432 19 09</b>	10
yellow glossy	<b>1432 07</b>	10

**Covers Audio**

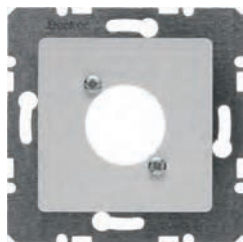


**Centre plate for loudspeaker socket outlet**

■ 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Entry for small connector	4505	179
Stereo loudspeaker socket outlet	4505 01	178
Loudspeaker socket outlet High End	4505 02	178

DESIGN	ORDER NO.	PU
polar white velvety	<b>1196 60 89</b>	10
anthracite velvety, lacquered	<b>* 1196 60 86</b>	10



**Central plate for XLR D-series connector**

Cut-out Ø 23.6 mm ■ speakon and jack connector  
Screw spacing (horizontal/vertical) 19/24 mm ■ labelling field latchable

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

DESIGN	ORDER NO.	PU
polar white matt/velvety	<b>1412 19 09</b>	10

**Video socket outlets**



**VGA socket outlet**

Frequency range video max. 160 MHz ■ with 15pole D-subminiature double jack  
Resolution max. 1280 x 1024 px ■ S-VGA compatible

**i 970**

DESIGN	ORDER NO.	PU
<b>with double jack</b>		
polar white velvety	<b>33 1540 60 89</b>	10
anthracite velvety, lacquered	<b>* 33 1540 60 86</b>	10
<b>back side, with screw-in lift terminals</b>		
polar white velvety <sup>1)</sup>	<b>33 1541 60 89</b>	10
anthracite velvety, lacquered <sup>1)</sup>	<b>* 33 1541 60 86</b>	10

<sup>1)</sup>for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm<sup>2</sup>

**Multimedia sockets**



**3 x Cinch/S-Video socket outlet**

Frequency range audio 20 ... 20000 Hz ■ gold-plated contacts  
Frequency range video max. 160 MHz ■ 1 cinch double jack for video connection (yellow)  
■ 2 cinch double jacks for audio connection (red, white)  
■ S-Video double jack

**i 973**

DESIGN	ORDER NO.	PU
polar white velvety	<b>33 1532 60 89</b>	10
anthracite velvety, lacquered	<b>* 33 1532 60 86</b>	10

**NEW**



**High definition socket outlet**

Transmission rate max. 8.16 Gbit/s  
Resolution max. 1920 x 1080 px

- gold-plated contacts
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

**i 973**



DESIGN	ORDER NO.	PU
<b>back side, with straight socket</b>		
polar white velvety	<b>33 1542 60 89</b>	10
anthracite velvety, lacquered	<b>* 33 1542 60 86</b>	10
<b>back side, with 90° angle socket</b>		
polar white velvety	<b>33 1543 60 89</b>	10
anthracite velvety, lacquered	<b>* 33 1543 60 86</b>	10

**NEW**



**USB/3.5 mm audio socket outlet**

USB transmission rate max. 480 Mbit/s  
Frequency range audio 20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

**i 973**



DESIGN	ORDER NO.	PU
polar white velvety	<b>33 1539 60 89</b>	10
anthracite velvety, lacquered	<b>* 33 1539 60 86</b>	10

**CONSUMER ELECTRONICS**



**Berker Radio Touch**

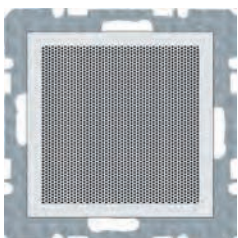
Frequency range 87.5 ... 108 MHz  
Operating voltage 230 V~  
Insertion depth 33 mm  
Dimensions of display (W x H) 35 x 28 mm  
Conductor cross-section max. 2.5 mm<sup>2</sup>  
Frequency 50/60 Hz

- stereo FM radio with RDS display
- with one loudspeaker
- illuminated touch graphics display
- time and date display
- operation via sensor areas of the touch display
- connection for a second speaker
- extension unit input for separate on/off switching
- external audio input, e.g. for MP3 player or docking station

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Loudspeaker		page 349
Docking station		page 350



DESIGN	ORDER NO.	PU
polar white velvety	<b>2880 60 89</b>	1



**Loudspeaker**

Impedance 8 Ω  
Pre-assembled cable ≈ 0.3 m  
Conductor cross-section (flexible) 0.75 mm<sup>2</sup>  
Insertion depth 22.5 mm

- confectioned, with 2-core, double-insulated, flexible cable

SUITABLE FOR	ORDER NO.	PAGE
<b>Berker Radio Touch</b>		page 349
Docking station		page 350



DESIGN	ORDER NO.	PU
polar white velvety	<b>2882 60 89</b>	1





**Docking station**

Operating voltage	230 V~	■ with 30pole plug connector for iPod and iPhone*
Frequency	50/60 Hz	■ buttons for volume control
Output voltage	max. 3.5 V	■ AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
Number of loudspeakers (4 Ω)	1	■ stereo Line-Out for connection to the radio touch
Number of loudspeakers (8 Ω)	2	
Number of loudspeakers (20 Ω)	5	
Insertion depth	36 mm	

\* iPod and iPhone are registered trademarks of Apple Inc.

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 349
Loudspeaker		page 349



DESIGN	ORDER NO.	PU
polar white velvety	<b>2883 60 89</b>	1

**COVERS FOR PILOT LAMPS**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



**Centre plate for push-button/pilot lamp E10**

Cut-out Ø	27.2 mm	■ centre plate for plug-in fixing
-----------	---------	-----------------------------------

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 75
LED lamp E10		page 74
Neon lamp E10		page 75
Push-button/pilot lamp E10, NO contact	5101 ..	68

DESIGN	ORDER NO.	PU
polar white velvety	<b>1124 60 89</b>	10
anthracite velvety, lacquered	<b>* 1124 60 86</b>	10



**Centre plate for pilot lamp E14**

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 75
LED lamp E14		page 75
Incandescent lamp E14		page 75
Pilot lamp E14	5131 02	69
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1198 60 89</b>	10
anthracite velvety, lacquered	<b>* 1198 60 86</b>	10



**Cover for LED orientation/signal light**

- with printed label sheets "Bitte warten/Bitte eintreten" and "Do not disturb/make up room"
- with milky foil, for individual labelling

SUITABLE FOR	ORDER NO.	PAGE
LED orientation light	2951	70
LED signal light	2952	70

DESIGN	ORDER NO.	PU
polar white velvety	<b>1248 60 89</b>	1
anthracite velvety, lacquered	<b>* 1248 60 86</b>	1

**NEW**



**Cover for info pilot lamp**

Current consumption 25 mA  
Power, LED 800 mW  
Service life of the LED ≈ 25000 h

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

Printed labels supplied: "Nicht eintreten", "Besetzt", "Bitte eintreten", "Bitte Ruhe", "Bitte warten".

SUITABLE FOR	ORDER NO.	PAGE
Cover plate for info pilot lamp	1289 ..	76
Info pilot lamp	2949	71

**i 936**

DESIGN	ORDER NO.	PU
polar white velvety	<b>1345 60 89</b>	1
anthracite velvety, lacquered	<b>* 1345 60 86</b>	1

**SUPPLEMENTARY PRODUCTS**

**Sealings IP44**



**Sealing set for socket outlets/centre plates**

SUITABLE FOR	ORDER NO.	PAGE
Centre plates for rotary dimmers		page 335
Centre plates for rotary switches for blinds		page 338
Centre plates for air conditioner/fan controllers		page 344
SCHUKO socket outlet with hinged cover and imprint		page 325
Blind plates		page 352
FRAME		page 366
FRAME		page 374

DESIGN	ORDER NO.	PU
transparent	<b>1010 72 00</b>	1



**Sealing set for switches/push-buttons**

- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang
- with IP44 fixing piece to screw on

SUITABLE FOR	ORDER NO.	PAGE
Rockers		page 330
Rockers for multi-pole rocker switches		page 332
Rockers - barrier-free construction		page 354
Rocker with imprint "Heizung Notschalter"		page 344
FRAME		page 366
FRAME		page 374
Rocker with imprinted arrows symbol	1620 60 7 ..	818

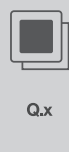
DESIGN	ORDER NO.	PU
transparent	<b>1010 71 00</b>	1



**Sealing set for key switch/key push-button**

SUITABLE FOR	ORDER NO.	PAGE
FRAME		page 366
FRAME		page 374
Centre plate for key push-button for blinds/key switch	1506 60 8 ..	119
Centre plate for key switch/key push-button	1507 60 8 ..	36

DESIGN	ORDER NO.	PU
transparent	<b>1010 70 00</b>	1



**Blind plates**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

**NEW** **Blind plug with centre plate**



DESIGN

**without spreader claws**

polar white velvety

anthracite velvety, lacquered

**with base and spreader claws**

polar white velvety

anthracite velvety, lacquered

■ on supporting plate without cut-out

**SUITABLE FOR**

**optional**

Sealing set for socket outlets/centre plates

**ORDER NO.**

1010 72 00

**PAGE**

351

ORDER NO.

PU

**1009 60 89**

20

★ **1009 60 86**

20

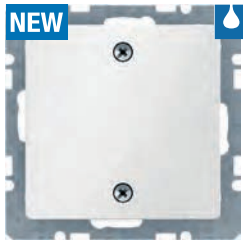
**67 1009 60 89**

10

★ **67 1009 60 86**

10

**NEW** **Blind plug with centre plate, screw-on**



DESIGN

polar white velvety

anthracite velvety, lacquered

■ on supporting plate with large cut-out

■ with cover plug for screw fitting

■ without spreader claws

■ for customised cut-outs or holes when installing special solutions

■ space-saving for relays, etc.

**SUITABLE FOR**

**optional**

Sealing set for socket outlets/centre plates

**ORDER NO.**

1010 72 00

**PAGE**

351

ORDER NO.

PU

**1009 60 79**

20

★ **1009 60 76**

20

**NEW** **Centre plate for cable outlet**



**SUITABLE FOR**

Cable outlet with low installation depth

Cable outlet

**ORDER NO.**

4468

4470

**PAGE**

173

173

DESIGN

polar white velvety

anthracite velvety, lacquered

ORDER NO.

**1019 60 89**

PU

10

★ **1019 60 86**

10

**Intermediate rings**

**NEW** **Adapter ring for centre plate 50 x 50 mm**



Caution!  
Not suitable for Berker central plates.

For centre plate as per according to DIN 49075

■ for other centre plates with external size 50 x 50 mm

DESIGN

polar white velvety

anthracite velvety, lacquered

ORDER NO.

**1109 60 79**

PU

10

★ **1109 60 76**

10

**NEW** **Intermediate ring for central plate**



■ labelling field latchable

**SUITABLE FOR**

**optional**

Labelling field for intermediate ring

**ORDER NO.**

1905 00 69

**PAGE**

230

DESIGN

polar white velvety

anthracite velvety, lacquered

ORDER NO.

**1109 60 89**

PU

10

★ **1109 60 86**

10





**Labelling field for intermediate ring**

Labelling field height arranged for P-touch strips 6 mm.

**SUITABLE FOR**

Intermediate ring for central plate

**ORDER NO.**

**PAGE**  
page 352

DESIGN

polar white glossy

ORDER NO.

**1905 00 69**

PU

10

**Base plates**



**Base plate 1gang, self-extinguishing**

For surface-mounted frames of the design lines:  
- Modul 2  
- Berker Q.1  
- Berker Arsys

- with imprint
- for mounting on combustible base surface
- for surface-mounted frame 1gang

**SUITABLE FOR**

SURFACE MOUNTED FRAMES

**ORDER NO.**

**PAGE**  
page 368

DESIGN

white

ORDER NO.

**1021 12**

PU

10



**Base plate 2gang, self-extinguishing**

For surface-mounted frames of the design lines:  
- Modul 2  
- Berker Q.1  
- Berker Arsys

- with imprint
- for mounting on combustible base surface
- for surface-mounted frame 2gang

**SUITABLE FOR**

SURFACE MOUNTED FRAMES

**ORDER NO.**

**PAGE**  
page 368

DESIGN

white

ORDER NO.

**1021 22**

PU

10



**Base plate 3gang, self-extinguishing**

For surface-mounted frames of the design lines:  
- Modul 2  
- Berker Q.1  
- Berker Arsys

- with imprint
- for mounting on combustible base surface
- for surface-mounted frame 3gang

**SUITABLE FOR**

SURFACE MOUNTED FRAMES

**ORDER NO.**

**PAGE**  
page 368

DESIGN

white

ORDER NO.

**1021 32**

PU

10

**HOTEL APPLICATIONS**

**Centre plates for hotel card switches**



**Centre plate with imprint for push-button for hotel card**

**- Orange lens**



**SUITABLE FOR**

Push-button for hotel card

**ORDER NO.**

**PAGE**  
page 80

Card width

max. 54 mm

Card thickness

0.5 ... 1.4 mm

Other imprint on request!

DESIGN

polar white velvety

anthracite velvety, lacquered

ORDER NO.

**1640 60 89**

\* **1640 60 86**

PU

10

10



**BARRIER-FREE CONSTRUCTION**



The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

**SCHUKO socket outlets**



**SCHUKO socket outlet with hinged cover for barrier-free construction**

- Tactile symbol
- enhanced contact protection
- Installation position variable in 45° steps

- with self-closing hinged covers
- with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.  
Connection terminals according to IEC 60884-1



DESIGN	ORDER NO.	PU
polar white velvety	<b>4744 60 49</b>	10

**Rockers - barrier-free construction**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



**Rocker for barrier-free construction**

- Guide for mouth rod
- Lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1661 60 49</b>	10



**Rocker for barrier-free construction**

- Tactile light symbol
- Orange lens

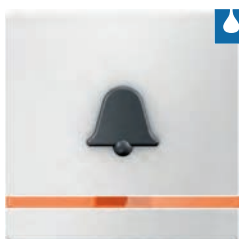


The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1651 60 49</b>	10



**Rocker for barrier-free construction**

- Tactile bell symbol
- Orange lens

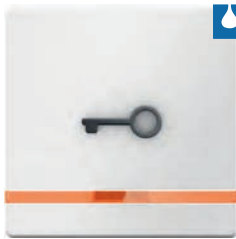


The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1651 60 59</b>	10



**Rocker for barrier-free construction**

- Tactile symbol for door opener
- Orange lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1 gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white velvety	<b>1651 60 69</b>	10

**HOSPITAL INSTALLATION**

**Emergency system**



**Emergency call set with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

- Set consisting of:
- Pullcord with frame, order no. 5202..
  - Pilot lamp with frame, order no. 5203..
  - Shut-off push-button with frame, order no. 5201..
  - Power supply with frame, order no. 5204..

For installation in standard wall boxes according to DIN 49073-1

The emergency call set is used to call for help in public or disabled WCs, doctors' surgeries and old people's homes. It corresponds to the safety requirements according to DIN VDE 0834

- acoustic and visual signalling of an emergency call using pilot lamp after the pullcord push-button has been actuated
- switch-off of emergency call using shut-off push-button at emergency location
- power supply via power supply unit with 24 V AC
- centre plates for plug-in fixing
- monitoring of devices triggering calls for wire break
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Cancellation/presence button with frame	5205 60 ..	356
Call button with frame	5206 60 ..	355
Pull button with frame	5202 60 ..	356
Light signal with frame	5203 60 ..	356
Cancellation button with frame	5201 60 ..	356
Mains adapter with frame	5204 60 ..	357

DESIGN	ORDER NO.	PU
<b>Berker Q.1</b>		
polar white velvety	<b>* 5200 60 89</b>	1
<b>Berker Q.3</b>		
polar white velvety	<b>* 5200 60 99</b>	1



**Call button with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

Additional call push-button to, for example, provide a control section in a second room or an additional location to trigger an emergency call.

For installation in standard wall boxes according to DIN 49073-1

- with quiet lamp
- with red call button with lens
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 60 ..	355

DESIGN	ORDER NO.	PU
<b>Berker Q.1</b>		
polar white velvety	<b>* 5206 60 89</b>	1
<b>Berker Q.3</b>		
polar white velvety	<b>* 5206 60 99</b>	1

**NEW**



**Cancellation/presence button with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C  
Cable length to light signal max. 500 m

Office unit, in order to, for example, indicate an emergency call in an office or a headquarters.

For installation in standard wall boxes according to DIN 49073-1

- with yellow shut-off button
- with green presence button
- with visual and acoustic alarm encoder
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Emergency call set with frame	5200 60 ..	355

DESIGN	ORDER NO.	PU
--------	-----------	----

<b>Berker Q.1</b>		
polar white velvety	★ 5205 60 89	1
<b>Berker Q.3</b>		
polar white velvety	★ 5205 60 99	1

**NEW**



**Pull button with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

To trigger an emergency call in emergency situations.

For installation in standard wall boxes according to DIN 49073-1

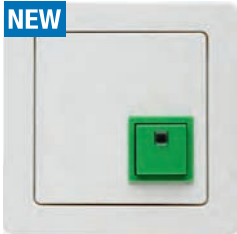
- with quiet lamp
- centre plate for plug-in fixing
- for wall and ceiling mounting
- with pullcord and knob
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Emergency call set with frame	5200 60 ..	355

DESIGN	ORDER NO.	PU
--------	-----------	----

<b>Berker Q.1</b>		
polar white velvety	★ 5202 60 89	1
<b>Berker Q.3</b>		
polar white velvety	★ 5202 60 99	1

**NEW**



**Cancellation button with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.

For installation in standard wall boxes according to DIN 49073-1

- with green shut-off button
- centre plate for plug-in fixing
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Emergency call set with frame	5200 60 ..	355

DESIGN	ORDER NO.	PU
--------	-----------	----

<b>Berker Q.1</b>		
polar white velvety	★ 5201 60 89	1
<b>Berker Q.3</b>		
polar white velvety	★ 5201 60 99	1

**NEW**



**Light signal with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

Recommendation: use deep box.

For visual and acoustic alarms in emergency situations.

Caution:

Always install the device in a clearly visible location.

For installation in standard wall boxes according to DIN 49073-1

- with 4 red LEDs
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
- call tone received on voltage failure and return
- centre plate for plug-in fixing
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Emergency call set with frame	5200 60 ..	355

DESIGN	ORDER NO.	PU
--------	-----------	----

<b>Berker Q.1</b>		
polar white velvety	★ 5203 60 89	1
<b>Berker Q.3</b>		
polar white velvety	★ 5203 60 99	1

**NEW****Mains adapter with frame**

Operating voltage	24 V
Frequency	50 ... 60 Hz
Input voltage	100 ... 240 V~
Input current	max. 180 mA
Output current	max. 250 mA
Operating temperature	-5 ... +40 °C

- centre plate for plug-in fixing
- with screw terminals

**SUITABLE FOR**

Emergency call set with frame

**ORDER NO.**

5200 60 ..

**PAGE**

355

Recommendation: use deep box.

For the power supply of the emergency call system components with 24 V DC.

For installation in standard wall boxes according to DIN 49073-1



## DESIGN

**Berker Q.1**

polar white velvety

## ORDER NO.

\* 5204 60 89

## PU

1

**Berker Q.3**

polar white velvety

\* 5204 60 99

1

**Central plates for hospital installation****Central plate for socket outlet for floating output**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

For double pole socket outlet for floating output according to DIN 42801

- with imprint

**SUITABLE FOR**

Socket outlet for floating output

**ORDER NO.**

1061

**PAGE**

724

## DESIGN

polar white matt/velvety

## ORDER NO.

1403 19 09

## PU

10

**Central plate for 6pole socket outlet**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

**MANUFACTURER: PRODUCT LINE****Nurse call systems**Ackermann: clino opt 90 / clino phon 95  
clino opt 99**ART. NO.**71008C  
71008C3**6pole socket outlets**

Hirschmann: Medu 600 GSK

## DESIGN

polar white matt/velvety

## ORDER NO.

1474 19 09

## PU

10

**Centre plates for Ackermann inserts****Centre plate for nurse call system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE****Nurse call systems**

Ackermann: clino opt 90, 99 / clino phon 95

**ART. NO.**72642C  
72639A  
71197A  
72642B

## DESIGN

polar white velvety

## ORDER NO.

1204 60 89

## PU

10

**Centre plate with plug-in opening for nurse call systems**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE****Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

73070A

## DESIGN

polar white velvety

## ORDER NO.

1298 60 89

## PU

10



**Centre plate for dropping plug-and-socket connector**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- a-coded for dropping plug-and-socket connector

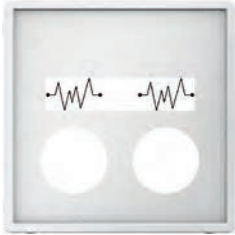
**MANUFACTURER: PRODUCT LINE**  
**Nurse call systems**  
Ackermann: clino opt 99

**ART. NO.**  
74189A

DESIGN  
polar white velvety

ORDER NO.  
**1305 60 89**

PU  
10



**Centre plate with 2 plug-in openings and imprint, for call unit**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**  
**Nurse call systems**  
Ackermann: clino opt 99

**ART. NO.**  
73075C  
73020G  
73021G  
73075D

DESIGN  
polar white velvety

ORDER NO.  
**1244 60 89**

PU  
10



**Centre plate with plug-in opening, red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**  
**Nurse call systems**  
Ackermann: clino opt 99

**ART. NO.**  
73071E  
73071E2  
73075A  
73073E

DESIGN  
polar white velvety

ORDER NO.  
**1217 60 89**

PU  
10



**Centre plate with 2 plug-in openings, imprint and red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**  
**Nurse call systems**  
Ackermann: clino opt 99

**ART. NO.**  
73071D  
73071D2  
73075B  
73073D

DESIGN  
polar white velvety

ORDER NO.  
**1218 60 89**

PU  
10



**Centre plate with red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

73071F  
73071F2  
73073F

DESIGN

polar white velvety

ORDER NO.

**1216 60 89**

PU

10



**Centre plate with red button at bottom**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

73022A  
73022A2

DESIGN

polar white velvety

ORDER NO.

**1219 60 89**

PU

10



**Centre plate with green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

73642C

DESIGN

polar white velvety

ORDER NO.

**1251 60 89**

PU

10



**Centre plate with yellow button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

73642D

DESIGN

polar white velvety

ORDER NO.

**1252 60 89**

PU

10



**Centre plate with blue button and imprint**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

73022A  
73022A2

DESIGN

polar white velvety

ORDER NO.

**1223 60 89**

PU

10





**Centre plate with white button and imprint**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- button with lens
- centre plate for plug-in fixing
- for office unit

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73640J 73640J2

DESIGN	ORDER NO.	PU
polar white velvety	<b>1308 60 89</b>	10



**Centre plate with red + green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642B2

DESIGN	ORDER NO.	PU
polar white velvety	<b>1249 60 89</b>	10



**Centre plate with green + yellow button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642E

DESIGN	ORDER NO.	PU
polar white velvety	<b>1253 60 89</b>	10



**Centre plate with white + green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- buttons with lens
- centre plate for plug-in fixing
- for office unit

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642B

DESIGN	ORDER NO.	PU
polar white velvety	<b>1299 60 89</b>	10



**Centre plate for pneumatic call switch**

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

■ centre plate for plug-in fixing	<b>ART. NO.</b>
<b>MANUFACTURER: PRODUCT LINE</b>	
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	70006A 70006B 70006C
clino opt 99	

DESIGN	ORDER NO.	PU
polar white velvety	<b>1236 60 89</b>	10





**Centre plate for pullcord push-button**

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

■ centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 90, 99 / clino phon 95

**ART. NO.**

70045A3  
70046A3  
70046A

DESIGN

polar white velvety

ORDER NO.

**1233 60 89**

PU

10



**Centre plate with imprinted symbol curve for small sound system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

■ centre plate for plug-in fixing

■ for earpiece and volume control

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 90, 99 / clino phon 95

**ART. NO.**

73120C  
73120H

DESIGN

polar white velvety

ORDER NO.

**1300 60 89**

PU

10



**Centre plate with imprint "0 - 1 - 2 - 3 - 4 - 5" for small sound system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

■ centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 90, 99 / clino phon 95

**ART. NO.**

73120A

DESIGN

polar white velvety

ORDER NO.

**1301 60 89**

PU

10



Q.x



FRAME  
SURFACE MOUNTED FRAMES

366-367  
368

You notice the difference the first time you touch it: thanks to its innovative surface, this likable all-rounder has an unmistakable velvety feel – and in elegant anthracite now an additional attractive colour variety. With its smooth profile, flat switching angle and soft, rounded edges, it is very pleasant to look at.

- Suitable for both residential and non-residential buildings
- Due to the large radii, particularly suitable for projects such as schools and kindergartens
- Combination frames allow you to combine up to 5 devices vertically or horizontally.
- Available surface: polar white, velvety lacquered anthracite



reddot design award  
winner 2009

**DESIGN PLUS**



Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

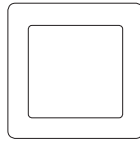
# BERKER Q.1

## DIMENSIONS / PRODUCT EXAMPLES



Frame, 1gang

W 80.5 mm x H 80.5 mm, 1gang



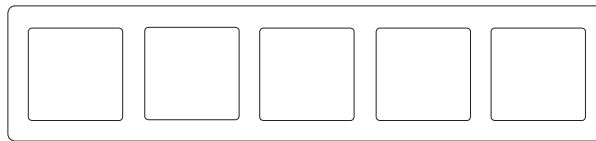
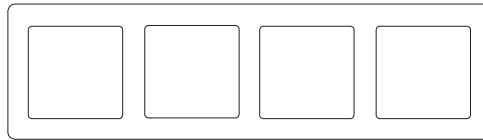
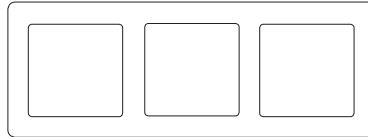
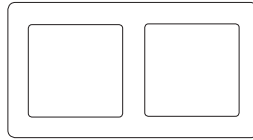
Frame, 2 to 5gang, horizontal

W 151.5 mm x H 80.5 mm, 2gang

W 222.5 mm x H 80.5 mm, 3gang

W 293.5 mm x H 80.5 mm, 4gang

W 364.5 mm x H 80.5 mm, 5gang



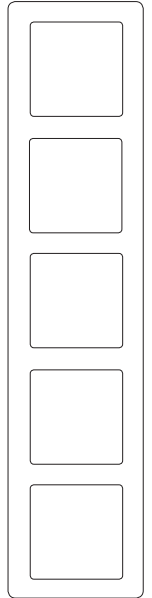
Frames 2 to 5gang, vertical

H 151.5 mm x W 80.5 mm, 2gang

H 222.5 mm x W 80.5 mm, 3gang

H 293.5 mm x W 80.5 mm, 4gang

H 364.5 mm x W 80.5 mm, 5gang



## PRODUCT EXAMPLES





FRAMES/COVERS/CENTRAL INSERTS

Plastic, silky	
Polar white	similar to RAL 9010
Anthracite, lacquered	similar to RAL 7021
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003



**FRAME**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Frame**

- for vertical and horizontal mounting

**SUITABLE FOR** **ORDER NO.** **PAGE**  
**optional**  
 Sealings IP44 page 351

**i 975**

DESIGN	ORDER NO.	PU
polar white velvety, 1gang	<b>1011 60 89</b>	10
polar white velvety, 2gang	<b>1012 60 89</b>	10
polar white velvety, 3gang	<b>1013 60 89</b>	2
polar white velvety, 4gang	<b>1014 60 89</b>	2
polar white velvety, 5gang	<b>1015 60 89</b>	2



**NEW** **Frame**

- for vertical and horizontal mounting

**SUITABLE FOR** **ORDER NO.** **PAGE**  
 SCHUKO socket outlet with hinged cover 4744 60 49 .. 354  
 for barrier-free construction

**optional**  
 Sealings IP44 page 351

**i 975**

DESIGN	ORDER NO.	PU
anthracite velvety, lacquered, 1gang	★ <b>1011 60 86</b>	10
anthracite velvety, lacquered, 2gang	★ <b>1012 60 86</b>	10
anthracite velvety, lacquered, 3gang	★ <b>1013 60 86</b>	2
anthracite velvety, lacquered, 4gang	★ <b>1014 60 86</b>	2
anthracite velvety, lacquered, 5gang	★ <b>1015 60 86</b>	2



**Frame**

- for emphasising special switches, socket outlets, etc.
- for vertical and horizontal mounting

**SUITABLE FOR** **ORDER NO.** **PAGE**  
**optional**  
 Sealings IP44 page 351

**i 975**

DESIGN	ORDER NO.	PU
red velvety, 1gang	<b>1011 60 62</b>	10
red velvety, 2gang	<b>1012 60 62</b>	10
red velvety, 3gang	<b>1013 60 62</b>	2
red velvety, 4gang	<b>1014 60 62</b>	2
red velvety, 5gang	<b>1015 60 62</b>	2



**Frame**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**    **PAGE**  
page 351

DESIGN	ORDER NO.	PU
polar white velvety, 1gang	<b>1011 60 19</b>	10
polar white velvety, 2gang vertical	<b>1012 60 19</b>	10
polar white velvety, 3gang vertical	<b>1013 60 19</b>	10
polar white velvety, 4gang vertical	<b>1014 60 19</b>	2
polar white velvety, 5gang vertical	<b>1015 60 19</b>	2
polar white velvety, 2gang horizontal	<b>1022 60 19</b>	10
polar white velvety, 3gang horizontal	<b>1023 60 19</b>	10
polar white velvety, 4gang horizontal	<b>1024 60 19</b>	2
polar white velvety, 5gang horizontal	<b>1025 60 19</b>	2



**Frame**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**    **PAGE**  
page 351

DESIGN	ORDER NO.	PU
anthracite velvety, lacquered, 1gang	<b>* 1011 60 16</b>	10
anthracite velvety, lacquered, 2gang vertical	<b>* 1012 60 16</b>	10
anthracite velvety, lacquered, 3gang vertical	<b>* 1013 60 16</b>	10
anthracite velvety, lacquered, 4gang vertical	<b>* 1014 60 16</b>	2
anthracite velvety, lacquered, 5gang vertical	<b>* 1015 60 16</b>	2
anthracite velvety, lacquered, 2gang horizontal	<b>* 1022 60 16</b>	10
anthracite velvety, lacquered, 3gang horizontal	<b>* 1023 60 16</b>	10
anthracite velvety, lacquered, 4gang horizontal	<b>* 1024 60 16</b>	2
anthracite velvety, lacquered, 5gang horizontal	<b>* 1025 60 16</b>	2

**Frame with large cut-out**



**Frame with large cut-out**

Not suitable for surface-mounted frames.

■ for vertical mounting

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Push-button 3gang with thermostat	7566 37 29	810
Push-button 5gang with thermostat	7566 57 29	810

DESIGN	ORDER NO.	PU
polar white velvety	<b>1309 60 89</b>	10



**Frame with large cut-out**

Not suitable for surface-mounted frames.

■ for vertical mounting

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Push-button 3gang with thermostat	7566 37 26	810
Push-button 5gang with thermostat	7566 57 26	810

DESIGN	ORDER NO.	PU
anthracite velvety, lacquered	<b>* 1309 60 86</b>	10

**SURFACE MOUNTED FRAMES**



**Frame surface-mounted**

Insertion depth 33.5 mm

- entry at top and bottom possible
- with cable and duct entry

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

Flush-mounted devices can be used with surface-mounted frames for surface-mounted installation.

**SUITABLE FOR**

Base plates  
**optional**  
Entries/connectors

**ORDER NO.**

**PAGE**

page 353

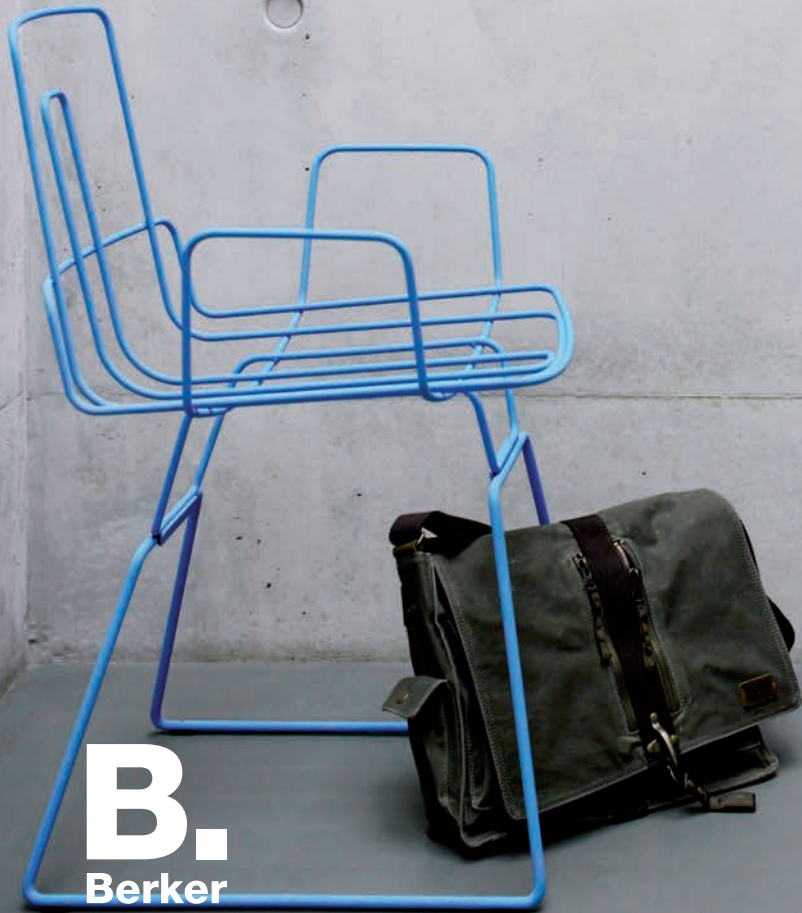
page 716

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	<b>1029 00 69</b>	10
polar white glossy, 2gang	<b>1030 00 69</b>	10
polar white glossy, 3gang	<b>1031 00 69</b>	5
anthracite velvety, lacquered, 1gang	<b>* 1029 60 86</b>	10
anthracite velvety, lacquered, 2gang	<b>* 1030 60 86</b>	10
anthracite velvety, lacquered, 3gang	<b>* 1031 60 86</b>	5
red glossy, 1gang	<b>1029 00 62</b>	10
red glossy, 2gang	<b>1030 00 62</b>	10
red glossy, 3gang	<b>1031 00 62</b>	5





BERKER Q.3



**B.**  
Berker



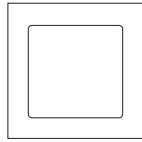
Robust. Hardly any term describes the Berker Q.3 better. On the hand, there is its clear contour, on another its scratch-resistant and friendly surface. It is equipped with the same centre plates as its sister programme Berker Q.1. Its functional benefits are also noteworthy: the Berker Q.3 is ideally suited to installations in dado ducts.

- Together with the radii of the central plates, the clear, cornered frame forms a design contrast, which can be ideally integrated into the architecture of modern buildings.
- Combination frames allow you to combine up to 5 devices vertically or horizontally.
- Available surface: polar white, velvety lacquered anthracite

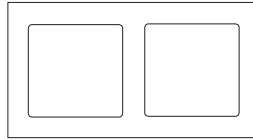


Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

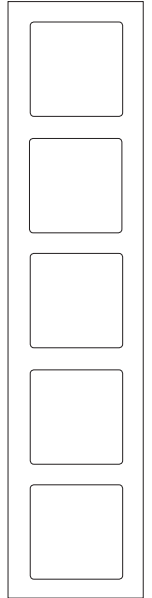
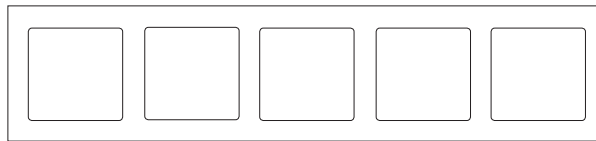
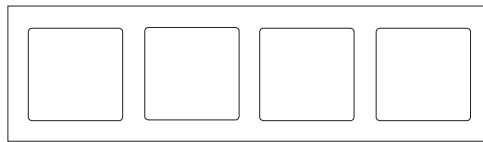
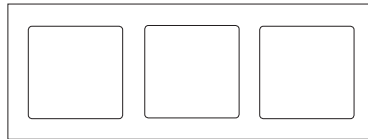
Frame, 1gang  
W 80.5 mm x H 80.5 mm, 1gang



Frame, 2 to 5gang, horizontal  
W 151.5 mm x H 80.5 mm, 2gang  
W 222.5 mm x H 80.5 mm, 3gang  
W 293.5 mm x H 80.5 mm, 4gang  
W 364.5 mm x H 80.5 mm, 5gang



Frames 2 to 5gang, vertical  
H 151.5 mm x W 80.5 mm, 2gang  
H 222.5 mm x W 80.5 mm, 3gang  
H 293.5 mm x W 80.5 mm, 4gang  
H 364.5 mm x W 80.5 mm, 5gang



PRODUCT EXAMPLES





FRAMES / covers / central inserts

Plastic, silky

Polar white      similar to RAL 9010

Anthracite      similar to RAL 7021

Red      similar to RAL 3003

Green      similar to RAL 6029

Orange      similar to RAL 2003



**FRAME**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Frame**

■ for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealings IP44		page 351
		<b>i 975</b>

DESIGN	ORDER NO.	PU
polar white velvety, 1gang	★ <b>1011 60 99</b>	10
polar white velvety, 2gang	★ <b>1012 60 99</b>	2
polar white velvety, 3gang	★ <b>1013 60 99</b>	2
polar white velvety, 4gang	★ <b>1014 60 99</b>	2
polar white velvety, 5gang	★ <b>1015 60 99</b>	2



**Frame**

■ for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealings IP44		page 351
		<b>i 975</b>

DESIGN	ORDER NO.	PU
anthracite velvety, lacquered, 1gang	★ <b>1011 60 96</b>	10
anthracite velvety, lacquered, 2gang	★ <b>1012 60 96</b>	10
anthracite velvety, lacquered, 3gang	★ <b>1013 60 96</b>	2
anthracite velvety, lacquered, 4gang	★ <b>1014 60 96</b>	2
anthracite velvety, lacquered, 5gang	★ <b>1015 60 96</b>	2



**Frame**

**- Labelling field**

■ also suitable for cable ducts



When the frame has been dismantled, the labelling field remains on the insert.

For inserts with order no. 4522, 4523, 4593, 4594, mounting of the labelling field on the supporting ring is not possible.

For this, the labelling field can be engaged in the recess of the frame.

DESIGN	ORDER NO.	PU
polar white velvety, 1gang	<b>1051 60 99</b>	10
polar white velvety, 2gang horizontal	<b>1022 60 99</b>	10
polar white velvety, 2gang vertical	<b>1052 60 99</b>	10
polar white velvety, 3gang horizontal	<b>1023 60 99</b>	10
polar white velvety, 3gang vertical	<b>1053 60 99</b>	10

**Frame with large cut-out**



**Frame with large cut-out**

Not suitable for surface-mounted frames.

■ for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 3gang with thermostat	7566 37 29	810
Push-button 5gang with thermostat	7566 57 29	810

DESIGN	ORDER NO.	PU
polar white velvety	★ <b>1309 60 99</b>	2

NEW



**Frame with large cut-out**

Not suitable for surface-mounted frames.

■ for vertical mounting

**SUITABLE FOR**

Push-button 3gang with thermostat  
Push-button 5gang with thermostat

**ORDER NO.**

7566 37 26  
7566 57 26

**PAGE**

810  
810

DESIGN

anthracite velvety, lacquered

ORDER NO.

★ **1309 60 96**

PU

1





SCHUKO SOCKET OUTLETS	380-387
INTERNATIONAL SOCKET OUTLET SYSTEMS	387-391
COVERS FOR SWITCHES/PUSH-BUTTONS	391-394
TIMERS	394-395
COVERS FOR DIMMERS	396
BLC - BERKER LIGHT CONTROL	396-398
COVERS FOR BLIND SWITCHES/ PUSH-BUTTONS	398-400
ROLLOTEC	400-403
HVAC CONTROLLERS AND COVERS	403-406
COMMUNICATION/MULTIMEDIA TECHNOLOGY	406-412
CONSUMER ELECTRONICS	412
COVERS FOR PILOT LAMPS	413
SUPPLEMENTARY PRODUCTS	414-416
HOTEL APPLICATIONS	416
BARRIER-FREE CONSTRUCTION	416-417
HOSPITAL INSTALLATION	418-423
FRAME	424-425
SURFACE-MOUNTED HOUSINGS	426

Profiled, contoured, sleek: the Berker K.1 and its sister programme, Berker K.5, are perfect examples for straight designs. It gets better: the Berker K.5 is now also available in fully-anodised aluminium, as well as in its classic stainless steel variant.

### BERKER K.1

- High breaking resistance and long life
- Available in glossy polar white or matt anthracite
- Multiple frames vertical or horizontal for up to five devices

### BERKER K.5

- High-quality stainless steel combined with classic design
- Unique combination of clear contours and matt-shiny surface
- Also available in fully-anodised aluminium (according to E6EV1)



DESIGNPREIS  
2007  
NOMINIERT

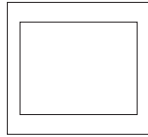


DESIGN PLUS

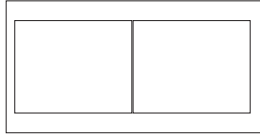


Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

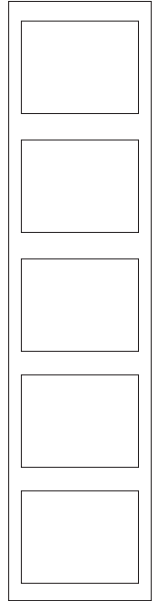
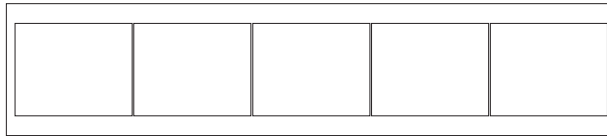
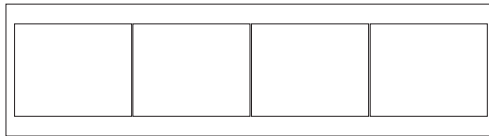
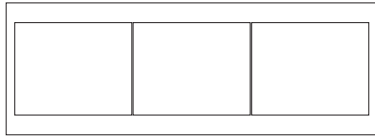
Frame, 1gang  
 W 87 mm x H 80.5 mm, 1gang



Frame, 2 to 5gang, horizontal  
 W 158 mm x H 80.5 mm, 2gang  
 W 229 mm x H 80.5 mm, 3gang  
 W 300 mm x H 80.5 mm, 4gang  
 W 371 mm x H 80.5 mm, 5gang

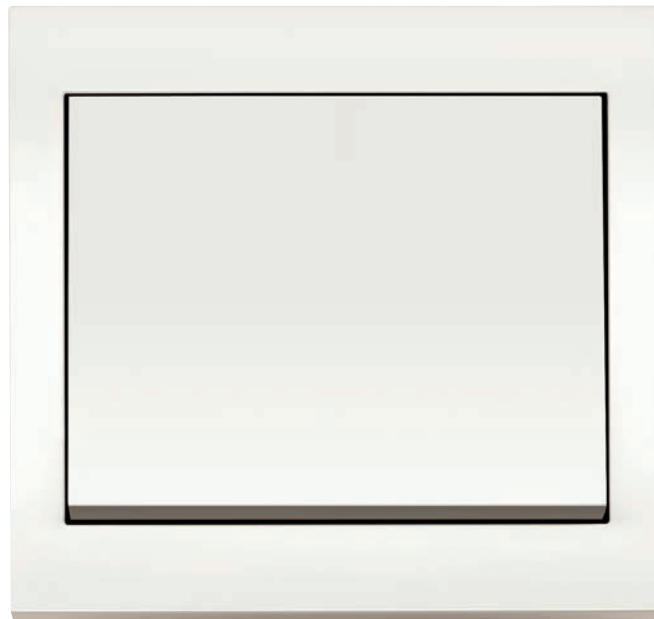


Frames 2 to 5gang, vertical  
 H 151.5 mm x W 87 mm, 2gang  
 H 222.5 mm x W 87 mm, 3gang  
 H 293.5 mm x W 87 mm, 4gang  
 H 364.5 mm x W 87 mm, 5gang



PRODUCT EXAMPLES





FRAMES / COVERS / CENTRAL INSERTS

Plastic, glossy

Polar white      similar to RAL 9010

Red                similar to RAL 3003

Green             similar to RAL 6029

Orange           similar to RAL 2003

Yellow            similar to RAL 1004

Plastic, matt lacquered

Anthracite, similar to RAL 7021

Metal, matt finish

Stainless steel

Metal, anodised

Aluminium (according to E6EV1)

Individual items that cannot be coated  
for technical reasons are lacquered.



**SCHUKO SOCKET OUTLETS**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

**NEW**



**SCHUKO socket outlet**

Rated voltage 250 V~ ■ with plug-in terminals  
Rated current 16 A

**i 911**

DESIGN	ORDER NO.	PU
polar white glossy	<b>4715 70 09</b>	10
anthracite matt, lacquered	<b>4715 70 06</b>	10
Aluminium, aluminium anodised	★ <b>4715 70 03</b>	10
Stainless steel, metal matt finish	<b>4715 70 04</b>	10



**NEW**



**SCHUKO socket outlet**

- enhanced contact protection ■ with plug-in terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**

DESIGN	ORDER NO.	PU
polar white glossy	<b>4735 70 09</b>	10
anthracite matt, lacquered	<b>4735 70 06</b>	10
Aluminium, aluminium anodised	★ <b>4735 70 03</b>	10
Stainless steel, metal matt finish	<b>4735 70 04</b>	10



**NEW**



**SCHUKO socket outlet**

- Screw-in lift terminals ■ with screw-in lift terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**

DESIGN	ORDER NO.	PU
polar white glossy	<b>4115 70 09</b>	10
anthracite matt, lacquered	<b>4115 70 06</b>	10
Aluminium, aluminium anodised	★ <b>4115 70 03</b>	10
Stainless steel, metal matt finish	<b>4115 70 04</b>	10



**NEW**



**SCHUKO socket outlet**

- enhanced contact protection ■ with screw-in lift terminals  
- Screw-in lift terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**

DESIGN	ORDER NO.	PU
polar white glossy	<b>4135 70 09</b>	10
anthracite matt, lacquered	<b>4135 70 06</b>	10
Aluminium, aluminium anodised	★ <b>4135 70 03</b>	10
Stainless steel, metal matt finish	<b>4135 70 04</b>	10



**NEW**



**SCHUKO socket outlet**

- Labelling field

■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white glossy	<b>4739 70 09</b>	10
anthracite matt, lacquered	<b>4739 70 06</b>	10
aluminium matt, lacquered	<b>* 4739 70 03</b>	10
stainless steel matt, lacquered	<b>4739 70 04</b>	10



**NEW**



**SCHUKO socket outlet**

- Labelling field

- enhanced contact protection

■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white glossy	<b>4738 70 09</b>	10
anthracite matt, lacquered	<b>4738 70 06</b>	10
aluminium matt, lacquered	<b>* 4738 70 03</b>	10
stainless steel matt, lacquered	<b>4738 70 04</b>	10



**NEW**



**SCHUKO socket outlet 45°**

- Labelling field

■ for diagonal installation  
■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

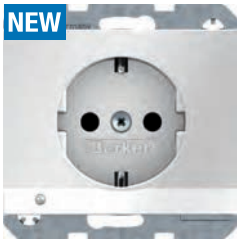
Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

DESIGN	ORDER NO.	PU
polar white glossy	<b>4728 71 09</b>	10
anthracite matt, lacquered	<b>4728 71 06</b>	10
aluminium matt, lacquered	<b>* 4728 71 03</b>	10
stainless steel matt, lacquered	<b>4728 71 04</b>	10



K.1/K.5



**NEW**

**SCHUKO socket outlet with LED orientation light**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

**i 911**

Caution!  
Items with special flush-mounted insert.  
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

DESIGN	ORDER NO.	PU
polar white glossy	★ 4109 70 09	10
anthracite matt, lacquered	★ 4109 70 06	10
aluminium matt, lacquered	★ 4109 70 03	10
stainless steel matt, lacquered	★ 4109 70 04	10



**SCHUKO socket outlet with control LED**

- Labelling field
- enhanced contact protection
- Screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- with screw-in lift terminals

**i 911**

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white glossy	4110 70 09	10



**NEW**

**Double SCHUKO socket outlet with cover plate**

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

- with plug-in terminals

**i 911**

For installation in 1gang wall boxes according to according to DIN 49073-1

DESIGN	ORDER NO.	PU
polar white glossy	4753 70 09	10
anthracite matt, lacquered	4753 70 06	10
aluminium matt, lacquered	★ 4753 70 03	10
stainless steel matt, lacquered	4753 70 04	10



**NEW**



**Double SCHUKO socket outlet with cover plate**

- enhanced contact protection

- with plug-in terminals



**i 911**

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1

DESIGN	ORDER NO.	PU
polar white glossy	<b>4729 70 09</b>	10
anthracite matt, lacquered	<b>4729 70 06</b>	10
aluminium matt, lacquered	<b>* 4729 70 03</b>	10
stainless steel matt, lacquered	<b>4729 70 04</b>	10



**SCHUKO socket outlets with hinged cover**

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

**NEW**



**SCHUKO socket outlet with hinged cover**

- enhanced contact protection

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals



**i 911**

Rated voltage	250 V~
Rated current	16 A

DESIGN	ORDER NO.	PU
polar white glossy	<b>4751 71 09</b>	10
anthracite matt, lacquered	<b>4751 71 06</b>	10
Aluminium, aluminium anodised	<b>* 4751 71 03</b>	10
Stainless steel, metal matt finish	<b>4751 71 04</b>	10



**NEW**



 **SCHUKO socket outlet with hinged cover**

- enhanced contact protection

- with self-closing hinged covers
- with imprint
- with plug-in terminals



**i 911**

Rated voltage	250 V~	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Rated current	16 A	<b>optional</b>		
		Sealing set for socket outlets/centre plates	1010 72 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>4751 72 09</b>	10
anthracite matt, lacquered	<b>4751 72 06</b>	10
Aluminium, aluminium anodised	<b>* 4751 72 03</b>	10
Stainless steel, metal matt finish	<b>4751 72 04</b>	10



K.1/K.5

**NEW**



**SCHUKO socket outlet with hinged cover**

- enhanced contact protection



Rated voltage 250 V~  
Rated current 16 A

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

**i 911**

Specially suited to combinations of several socket outlets if right angle plugs are used.

DESIGN	ORDER NO.	PU
polar white glossy	<b>4747 71 09</b>	10
anthracite matt, lacquered	<b>4747 71 06</b>	10
Aluminium, aluminium anodised	<b>* 4747 71 03</b>	10
Stainless steel, metal matt finish	<b>4747 71 04</b>	10



**NEW**



**SCHUKO socket outlet with hinged cover**

- Labelling field
- enhanced contact protection



Rated voltage 250 V~  
Rated current 16 A

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

**i 911**

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

DESIGN	ORDER NO.	PU
polar white glossy	<b>4752 71 09</b>	10
anthracite matt, lacquered	<b>4752 71 06</b>	10
Aluminium, aluminium anodised	<b>* 4752 71 03</b>	10
Stainless steel, metal matt finish	<b>4752 71 04</b>	10



**NEW**



**SCHUKO socket outlet with hinged cover**

- Labelling field
- enhanced contact protection



Rated voltage 250 V~  
Rated current 16 A

- with self-closing hinged covers
- with imprint
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b> Sealing set for socket outlets/centre plates	1010 72 00	351

**i 911**

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

DESIGN	ORDER NO.	PU
polar white glossy	<b>4752 72 09</b>	10
anthracite matt, lacquered	<b>4752 72 06</b>	10
Aluminium, aluminium anodised	<b>* 4752 72 03</b>	10
Stainless steel, metal matt finish	<b>4752 72 04</b>	10





**NEW**



**SCHUKO socket outlet with hinged cover**

- Labelling field
- enhanced contact protection
- Installation position variable in 45° steps



Rated voltage 250 V~  
Rated current 16 A

**i 911**

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

DESIGN	ORDER NO.	PU
polar white glossy	<b>4748 71 09</b>	10
anthracite matt, lacquered	<b>4748 71 06</b>	10
Aluminium, aluminium anodised	<b>* 4748 71 03</b>	10
Stainless steel, metal matt finish	<b>4748 71 04</b>	10



**SCHUKO socket outlets with safety device**

**NEW**



**SCHUKO socket outlet with overvoltage protection**

- Labelling field
- Screw terminals



Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A

**i 940**

Labelling field height arranged for P-touch strips 6 mm.

Overvoltage protection to according to EN 61643 and VDE 0675-6-11

DESIGN	ORDER NO.	PU
polar white glossy	<b>4152 71 09</b>	1
anthracite matt, lacquered	<b>4152 71 06</b>	1
aluminium matt, lacquered	<b>* 4152 71 03</b>	1
stainless steel matt, lacquered	<b>4152 71 04</b>	1



**NEW**



**SCHUKO socket outlet with residual current circuit-breaker**

- enhanced contact protection



Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A  
Measurement error current 30 mA  
Trigger time ≤ 30 ms  
Surge current resistance 250 A (8/20) μs  
Short-circuit resistance (with back-up fuse 20 AgL) 3 kA

- type A for alternating currents and pulsating direct currents
- to protect connected and downstream loads
- with plug-in terminals

**i 967**

Through-wired socket outlets are also protected.

Tested conform according to VDE 0664 (EN 61008)

Suitable for use according to according to DIN VDE 0100-410

DESIGN	ORDER NO.	PU
polar white glossy	<b>4708 70 09</b>	1
anthracite matt, lacquered	<b>4708 70 06</b>	1
aluminium matt, lacquered	<b>* 4708 70 03</b>	1
stainless steel matt, lacquered	<b>4708 70 04</b>	1



K.1/K.5

**SCHUKO socket outlets for special applications**



**SCHUKO socket outlet**

Rated voltage 250 V~ ■ with plug-in terminals  
 Rated current 16 A

Insert colour-coded.

**i 911**



DESIGN	ORDER NO.	PU
red glossy	<b>4715 70 15</b>	10
green glossy	<b>4715 70 13</b>	10
orange glossy	<b>4715 70 14</b>	10



**SCHUKO socket outlet with imprint**

Rated voltage 250 V~ ■ with plug-in terminals  
 Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

**i 911**



DESIGN	ORDER NO.	PU
red glossy, Imprint "EDV"	<b>4715 71 15</b>	10
green glossy, Imprint "SV"	<b>4715 71 13</b>	10
orange glossy, Imprint "ZSV"	<b>4715 71 14</b>	10



**SCHUKO socket outlet**

**- Labelling field**

■ with plug-in terminals

Rated voltage 250 V~  
 Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

**i 911**



DESIGN	ORDER NO.	PU
red glossy	<b>4739 70 15</b>	10
green glossy	<b>4739 70 13</b>	10
orange glossy	<b>4739 70 14</b>	10



**SCHUKO socket outlet with imprint**

**- Labelling field**

■ with plug-in terminals

Rated voltage 250 V~  
 Rated current 16 A

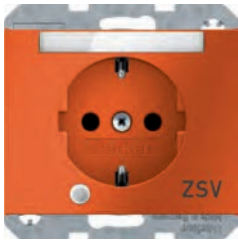
Insert colour-coded.

Labelling field height arranged for P-touch strips 6 mm.

**i 911**



DESIGN	ORDER NO.	PU
red glossy, Imprint "EDV"	<b>4739 71 15</b>	10
green glossy, Imprint "SV"	<b>4739 71 13</b>	10
orange glossy, Imprint "ZSV"	<b>4739 71 14</b>	10



**SCHUKO socket outlet with control LED and imprint**

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.  
Labelling field height arranged for P-touch strips 6 mm.  
Execution SV, ZSV to according to VDE 0100-710

DESIGN	ORDER NO.	PU
red glossy, Imprint "EDV"	<b>4110 71 15</b>	10
green glossy, Imprint "SV"	<b>4110 71 13</b>	10
orange glossy, Imprint "ZSV"	<b>4110 71 14</b>	10



**SCHUKO socket outlet with overvoltage protection**

- Labelling field
- Screw terminals

- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals

**i 940**



Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A

Insert colour-coded.  
Labelling field height designed for 6 mm P-touch strips.  
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

DESIGN	ORDER NO.	PU
red glossy	<b>4152 71 15</b>	1



**INTERNATIONAL SOCKET OUTLET SYSTEMS**

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

**Socket outlets without earthing contact**



**Socket outlet without earthing contact**

Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 8 mm

- without spreader claws
- 2pole
- with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
polar white glossy	<b>61 6715 70 09</b>	10
anthracite matt, lacquered	<b>61 6715 70 06</b>	10
aluminium matt, lacquered	<b>* 61 6715 70 03</b>	10
stainless steel matt, lacquered	<b>61 6715 70 04</b>	10



K.1/K.5



**Socket outlet without earthing contact EURO-AMERICAN STANDARD**

- enhanced contact protection



Rated voltage 250 V~  
Rated current 10 A  
Conductor cross-section (rigid) max. 4 mm<sup>2</sup>

Only for Asia.

- centre plate for plug-in fixing
- without spreader claws
- 2pole
- with screw terminals



DESIGN	ORDER NO.	PU
polar white glossy	<b>33 4207 80 09</b>	1

**Socket outlets with earthing pin**



**Socket outlet with earthing pin**

- enhanced contact protection



Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.7 mm

- 2pole + earth
- with plug-in terminals

**i 911**



DESIGN	ORDER NO.	PU
polar white glossy	<b>67 6875 70 09</b>	10
anthracite matt, lacquered	<b>67 6875 70 06</b>	10
Aluminium, aluminium anodised	<b>* 67 6875 70 03</b>	10
Stainless steel, metal matt finish	<b>67 6875 70 04</b>	10



**Socket outlet with earthing pin**

- enhanced contact protection  
- Screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.7 mm

- 2pole + earth
- with screw-in lift terminals

**i 911**



DESIGN	ORDER NO.	PU
polar white glossy	<b>67 6575 70 09</b>	10
anthracite matt, lacquered	<b>67 6575 70 06</b>	10
Aluminium, aluminium anodised	<b>* 67 6575 70 03</b>	10
Stainless steel, metal matt finish	<b>67 6575 70 04</b>	10

**NEW**



**Socket outlet with earthing pin and LED orientation light**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- 2pole + earth
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

**i 911**

Caution!  
Items with special flush-mounted insert.  
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

DESIGN	ORDER NO.	PU
polar white glossy	* 67 6510 70 09	10
anthracite matt	* 67 6510 70 06	10
aluminium matt, lacquered	* 67 6510 70 03	10
stainless steel matt, lacquered	* 67 6510 70 04	10



**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- 2pole + earth
- with screw-in lift terminals

**i 911**

DESIGN	ORDER NO.	PU
polar white glossy	67 6509 70 09	10



**NEW**



**Socket outlet with earthing pin and hinged cover**

- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A

- when opening hinged cover, it can be arrested in end position
- with imprint
- 2pole + earth
- with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
polar white glossy	67 6877 71 09	10
anthracite matt, lacquered	67 6877 71 06	10
Aluminium, aluminium anodised	* 67 6877 71 03	10
Stainless steel, metal matt finish	67 6877 71 04	10



K.1/K.5

**NEW**



**Socket outlet with earthing pin and hinged cover**

- enhanced contact protection
- Screw-in lift terminals



- when opening hinged cover, it can be arrested in end position
- with imprint
- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**

DESIGN	ORDER NO.	PU
polar white glossy	<b>67 6577 71 09</b>	10
anthracite matt, lacquered	<b>67 6577 71 06</b>	10
Aluminium, aluminium anodised	<b>* 67 6577 71 03</b>	10
Stainless steel, metal matt finish	<b>67 6577 71 04</b>	10



**British Standard socket outlets**

**NEW**



**Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off**

- enhanced contact protection
- Screw terminals



- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage 250 V~  
Rated current 13 A

**SUITABLE FOR** Centre plate for socket outlets, British Standard, can be switched off  
**ORDER NO.** 33 1307 ..  
**PAGE** 442

DESIGN	ORDER NO.	PU
white glossy	<b>* 3342 02 12</b>	10
polar white glossy	<b>* 3342 02 19</b>	10
anthracite matt	<b>* 3342 02 16</b>	10
brown glossy	<b>* 3342 02 11</b>	10

**NEW**



**Centre plate for socket outlets, British Standard, can be switched off**

**SUITABLE FOR** Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off  
**ORDER NO.** 3342 02 ..  
**PAGE** 202

DESIGN	ORDER NO.	PU
white glossy	<b>* 33 1307 70 02</b>	10
polar white glossy	<b>* 33 1307 70 09</b>	10
anthracite matt, lacquered	<b>* 33 1307 70 06</b>	10
aluminium matt, lacquered	<b>* 33 1307 70 24</b>	10
stainless steel matt, lacquered	<b>* 33 1307 70 04</b>	10



**Socket outlet with earthing contact CHINA 10 A**

- enhanced contact protection
- Screw terminals



- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage 250 V~  
Rated current 10 A  
Conductor cross-section (rigid) max. 4 mm<sup>2</sup>

Only for Asia.



DESIGN	ORDER NO.	PU
polar white glossy	<b>33 4208 80 09</b>	1



**Socket outlet with earthing contact CHINA 16 A**

- enhanced contact protection
- Screw terminals



Rated voltage 250 V~  
Rated current 16 A  
Conductor cross-section (rigid) max. 4 mm<sup>2</sup>

Only for Asia.

- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw terminals



DESIGN	ORDER NO.	PU
polar white glossy	<b>33 4209 80 09</b>	1

**Socket outlets with earthing pin for special applications**



**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A

**i 911**

- 2pole + earth
- with screw-in lift terminals



DESIGN	ORDER NO.	PU
red glossy	<b>67 6509 70 15</b>	10
green glossy	<b>67 6509 70 13</b>	10
orange glossy	<b>67 6509 70 14</b>	10

**COVERS FOR SWITCHES/PUSH-BUTTONS**

**Rockers**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

**NEW**

**Rocker**

Not suitable for rocker push-button switches.

- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1405 70 09</b>	10
anthracite matt, lacquered	<b>1405 70 06</b>	10
Aluminium, aluminium anodised	<b>* 1405 70 03</b>	10
Stainless steel, metal matt finish	<b>1405 70 04</b>	10

**NEW**

**Rocker**

- Labelling field



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.  
Not suitable for rocker push-button switches.

- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1426 70 09</b>	10
anthracite matt, lacquered	<b>1426 70 06</b>	10
Aluminium, aluminium anodised	<b>* 1426 70 03</b>	10
Stainless steel, metal matt finish	<b>1426 70 04</b>	10



**Rocker**

- Lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Not suitable for rocker push-button switches.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1415 70 09</b>	10
anthracite matt, lacquered	<b>1415 70 06</b>	10
Aluminium, aluminium anodised	* <b>1415 70 03</b>	10
Stainless steel, metal matt finish	<b>1415 70 04</b>	10



**Rocker**

- Labelling field

- Lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Not suitable for rocker push-button switches.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1415 71 09</b>	10
anthracite matt, lacquered	<b>1415 71 06</b>	10
Aluminium, aluminium anodised	* <b>1415 71 03</b>	10
Stainless steel, metal matt finish	<b>1415 71 04</b>	10



**Rocker**

- Large labelling field

- Lens



Labelling field (W x H) ≈ 49.5 x 20.3 mm

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Labelling field height arranged for two 9 mm P-touch strips.

Not suitable for rocker push-button switches.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1496 70 09</b>	10
anthracite matt, lacquered	<b>1496 70 06</b>	10
aluminium matt, lacquered	* <b>1496 70 03</b>	10
stainless steel matt, lacquered	<b>1496 70 04</b>	10



**Rockers for multi-pole rocker switches**

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

**NEW**

 **Rocker with imprint "0"**

Not suitable for rocker push-button switches.

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 28
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1425 71 09</b>	10
anthracite matt, lacquered	<b>1425 71 06</b>	10
Aluminium, aluminium anodised	* <b>1425 71 03</b>	10
Stainless steel, metal matt finish	<b>1425 71 04</b>	10

**NEW**

 **Rocker with imprint "0"**

**- Red lens**



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Not suitable for rocker push-button switches.

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 28
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1417 71 09</b>	10
anthracite matt, lacquered	<b>1417 71 06</b>	10
Aluminium, aluminium anodised	* <b>1417 71 03</b>	10
Stainless steel, metal matt finish	<b>1417 71 04</b>	10

**Multiple Rockers**

**NEW**

**Rocker 2gang**

Not suitable for rockers push-button switches.

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch, 2gang		page 30
Series push-button		page 30

DESIGN	ORDER NO.	PU
polar white glossy	<b>1435 70 09</b>	10
anthracite matt, lacquered	<b>1435 70 06</b>	10
Aluminium, aluminium anodised	* <b>1435 70 03</b>	10
Stainless steel, metal matt finish	<b>1435 70 04</b>	10

**NEW**

**Rocker 2gang**

**- Red lens**



Not suitable for rockers push-button switches.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch, 2gang		page 30
Series push-button		page 30

DESIGN	ORDER NO.	PU
polar white glossy	<b>1437 70 09</b>	10
anthracite matt, lacquered	<b>1437 70 06</b>	10
aluminium matt, lacquered	* <b>1437 70 03</b>	10
stainless steel matt, lacquered	<b>1437 70 04</b>	10



K.1/K.5

**NEW**



**Rocker 3gang**

DESIGN	SUITABLE FOR	ORDER NO.	PAGE
	On/off switch 3gang	6330 23	33
			PU
polar white glossy		<b>1465 70 09</b>	10
anthracite matt, lacquered		<b>1465 70 06</b>	10
Aluminium, aluminium anodised		* <b>1465 70 03</b>	10
stainless steel matt, lacquered		<b>1465 70 04</b>	10

**Centre plates for pullcord switches/pullcord push-buttons**



**Centre plate for pullcord switch/pullcord push-button**

DESIGN	SUITABLE FOR	ORDER NO.	PAGE
	Pullcord switches/pullcord push-buttons		page 33
			PU
polar white glossy		<b>1147 70 09</b>	10
anthracite matt, lacquered		<b>1147 70 06</b>	10

**Centre plates for key switches/key push-buttons**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.

**NEW**



**Centre plate for key switch/key push-button**

■ for master-key systems

DESIGN	SUITABLE FOR	ORDER NO.	PAGE
	Key switches/key push-buttons		page 35
	Lock cylinder	1818 ..	79
	<b>optional</b>		
	Sealing set for key switch/key push-button	1010 70 00	351
			PU
polar white glossy		<b>1505 70 09</b>	10
anthracite matt, lacquered		<b>1505 70 06</b>	10
aluminium matt, lacquered		* <b>1505 70 03</b>	10
stainless steel matt, lacquered		<b>1505 70 04</b>	10

**Centre plates for protection switches**



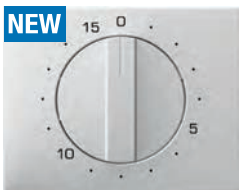
**50 x 50 mm centre plate for RCD protection switch**

Caution!  
Use only with intermediate ring for 50 x 50 mm centre plate from the corresponding range.

DESIGN	SUITABLE FOR	ORDER NO.	PAGE
	Residual current circuit-breaker	2844	36
			PU
polar white glossy		<b>1493 09</b>	1
anthracite matt		<b>1493 16 06</b>	1
stainless steel matt, lacquered		<b>1493 04</b>	1

**TIMERS**

**NEW**



**Centre plate for mechanical timer**

DESIGN	ORDER NO.	PAGE
<b>with time scale 15 min</b>		
polar white glossy	<b>1634 71 09</b>	1
anthracite matt, lacquered	<b>1634 71 06</b>	1
Aluminium, aluminium anodised	* <b>1634 71 03</b>	1
Stainless steel, metal matt finish	<b>1634 71 04</b>	1





**with time scale 120 min**

polar white glossy	<b>1635 71 09</b>	1
anthracite matt, lacquered	<b>1635 71 06</b>	1
Aluminium, aluminium anodised	<b>* 1635 71 03</b>	1
Stainless steel, metal matt finish	<b>1635 71 04</b>	1



**Timer comfort for sensors**

**- Display**



- 2 independent programme memories for everyday/holidays
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme
- after charging, the timer can also be programmed when removed.

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	39
<b>optional</b>		
RolloTec brightness sensor	169	128
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129

**i 912**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1738 71 09</b>	1
anthracite matt, lacquered	<b>1738 71 06</b>	1
aluminium matt, lacquered	<b>* 1738 71 03</b>	1
stainless steel matt, lacquered	<b>1738 71 04</b>	1



**Timer comfort**

**- Display**



- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	39

**i 912**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1736 71 09</b>	1
anthracite matt, lacquered	<b>1736 71 06</b>	1
aluminium matt, lacquered	<b>* 1736 71 03</b>	1
stainless steel matt, lacquered	<b>1736 71 04</b>	1



**Timer Easy**

**- Display**



- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	39

**i 912**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1735 70 09</b>	1
anthracite matt, lacquered	<b>1735 70 06</b>	1
aluminium matt, lacquered	<b>* 1735 70 03</b>	1
stainless steel matt, lacquered	<b>1735 70 04</b>	1



K.1/K.5

**COVERS FOR DIMMERS**

**Centre plates for rotary dimmers**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

**NEW**



**Centre plate for rotary dimmer**

**- Setting knob**



Axis dimension Ø

4 mm

**SUITABLE FOR**

Rotary dimmers  
Rotary potentiometer DALI  
1-10 V Rotary potentiometer

**optional**

Sealing set for socket outlets/centre plates

**ORDER NO.**

1010 72 00

**PAGE**

page 42  
page 46  
page 47

351

DESIGN

polar white glossy  
anthracite matt, lacquered  
Aluminium, aluminium anodised  
Stainless steel, metal matt finish

ORDER NO.

**1135 70 09**  
**1135 70 06**  
**\* 1135 70 03**  
**1135 70 04**

PU

10  
10  
10  
10

**Push-buttons**

**NEW**

**Button for universal series touch dimmer**



**SUITABLE FOR**

Universal series touch dimmer (R, L, C)

**ORDER NO.**

2901

**PAGE**

49

**i 915**

DESIGN

polar white glossy  
anthracite matt, lacquered  
Aluminium, aluminium anodised  
Stainless steel, metal matt finish

ORDER NO.

**1765 70 09**  
**1765 70 06**  
**\* 1765 70 03**  
**1765 70 04**

PU

1  
1  
1  
1



**BLC - BERKER LIGHT CONTROL**

**BLC push-buttons**

**NEW**

**BLC push-button**



**SUITABLE FOR**

BLC switches  
BLC dimmers  
BLC insert for timer  
BLC extension unit

**ORDER NO.**

2934 10  
2907

**PAGE**

page 55  
page 58  
58  
59

**i 917**

DESIGN

polar white glossy  
anthracite matt, lacquered  
Aluminium, aluminium anodised  
Stainless steel, metal matt finish

ORDER NO.

**1761 70 09**  
**1761 70 06**  
**\* 1761 70 03**  
**1761 70 04**

PU

1  
1  
1  
1



**BLC controller**

**NEW**



**BLC controller comfort 1.1 m**

Delay time, adjustable  $\approx 10 \text{ s} \dots 30 \text{ min}$   
 Detection angle  $180^\circ$   
 Response brightness, adjustable  $\approx 0 \dots 80 \text{ lx}, \infty \text{ lx (day)}$

- with teach function for response brightness
- with slide switch for OFF/automatic/ON
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to  $90^\circ$

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 920**

DESIGN ORDER NO. PU

**Nominal mounting height 1.1 m**

polar white glossy	<b>1784 70 09</b>	1
anthracite matt, lacquered	<b>1784 70 06</b>	1
aluminium matt, lacquered	<b>* 1784 70 03</b>	10
stainless steel matt, lacquered	<b>1784 70 04</b>	1



**NEW**



**BLC IR controller comfort 2.2 m with hand-held transmitter**

Delay time, adjustable  $\approx 10 \text{ s} \dots 60 \text{ min}$   
 Detection angle  $180^\circ$

**Scope of delivery:**  
 - BLC IR controller comfort  
 - IR hand-held transmitter

- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- with detection and IR receiver LED red, and IR confirmation LED green
- with teach function for response brightness
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 921**

DESIGN ORDER NO. PU

**Nominal mounting height 2.2 m**

polar white glossy	<b>1789 70 09</b>	1
anthracite matt, lacquered	<b>1789 70 06</b>	1
aluminium matt, lacquered	<b>* 1789 70 03</b>	1
stainless steel matt, lacquered	<b>1789 70 04</b>	1



**NEW**



**BLC controller**

Delay time  $\approx 2 \text{ min}$   
 Detection angle  $180^\circ$   
 Response brightness, adjustable  $\approx 0 \dots 80 \text{ lx}, \infty \text{ lx (day)}$

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 920**

DESIGN ORDER NO. PU

**Nominal mounting height 1.1 m**

polar white glossy <sup>1)</sup>	<b>1783 70 09</b>	1
anthracite matt, lacquered <sup>1)</sup>	<b>1783 70 06</b>	1
aluminium matt, lacquered <sup>1)</sup>	<b>* 1783 70 03</b>	1
stainless steel matt, lacquered <sup>1)</sup>	<b>1783 70 04</b>	1





**Nominal mounting height 2.2 m**

polar white glossy	<b>1788 70 09</b>	1
anthracite matt, lacquered	<b>1788 70 06</b>	1
aluminium matt, lacquered	<b>* 1788 70 03</b>	1
stainless steel matt, lacquered	<b>1788 70 04</b>	1

<sup>1)</sup> with cover to limit detection angle to 90°



**BLC controller comfort IP44**

Delay time, adjustable  $\approx 10 \text{ s} \dots 30 \text{ min}$  ■ with teach function for response brightness  
 Detection angle  $180^\circ$  ■ with cover to limit detection angle to 90°  
 Response brightness, adjustable  $\approx 0 \dots 80 \text{ lx}, \infty \text{ lx (day)}$

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**IP44**

**i 920**



DESIGN	ORDER NO.	PU
<b>Nominal mounting height 1.1 m</b>		
polar white glossy	<b>1784 71 09</b>	1
anthracite matt, lacquered	<b>1784 71 06</b>	1
<b>Nominal mounting height 2.2 m</b>		
polar white glossy	<b>1787 71 09</b>	1
anthracite matt, lacquered	<b>1787 71 06</b>	1



**BLC controller IP44**

Delay time  $\approx 2 \text{ min}$  ■ with cover to limit detection angle to 90°  
 Detection angle  $180^\circ$   
 Response brightness, adjustable  $\approx 0 \dots 80 \text{ lx}, \infty \text{ lx (day)}$

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**IP44**

**i 920**



DESIGN	ORDER NO.	PU
<b>Nominal mounting height 1.1 m</b>		
polar white glossy	<b>1783 71 09</b>	1
anthracite matt, lacquered	<b>1783 71 06</b>	1
<b>Nominal mounting height 2.2 m</b>		
polar white glossy	<b>1786 71 09</b>	1
anthracite matt, lacquered	<b>1786 71 06</b>	1

**COVERS FOR BLIND SWITCHES/PUSH-BUTTONS**

**Rockers with imprint**



**Rocker 2gang with imprinted arrow symbol**

- also for KNX applications: push-button, 2gang
- for blind series switch/push-button

SUITABLE FOR	ORDER NO.	PAGE
Switch / push-button for blinds		page 112

DESIGN	ORDER NO.	PU
polar white glossy	<b>1435 71 09</b>	10
anthracite matt, lacquered	<b>1435 71 06</b>	10
Aluminium, aluminium anodised	<b>* 1435 71 03</b>	10
Stainless steel, metal matt finish	<b>1435 71 04</b>	10



**Rocker 2gang with imprinted arrows symbol**

■ also for KNX applications: group push-button, 2gang

DESIGN	ORDER NO.	PU
polar white glossy	<b>1435 72 09</b>	10
anthracite matt, lacquered	<b>1435 72 06</b>	10
Aluminium, aluminium anodised	* <b>1435 72 03</b>	10
Stainless steel, metal matt finish	<b>1435 72 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Group series push-button, 4 NO contacts, common input terminal	5034 04	31

**Centre plates for rotary switches for blinds**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



**Centre plate with rotary knob for rotary switch for blinds**

■ with imprint

DESIGN	ORDER NO.	PU
polar white glossy	<b>1077 71 09</b>	1
anthracite matt, lacquered	<b>1077 71 06</b>	1
Aluminium, aluminium anodised	* <b>1077 71 03</b>	1
Stainless steel, metal matt finish	<b>1077 71 04</b>	1

SUITABLE FOR	ORDER NO.	PAGE
Rotary switch for blinds		page 114
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	351
Interlock disk for rotary switch for blinds	1861	115

**Centre plates for key switches/key push-buttons for blinds**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.



**Centre plate with lock and push lock function for switch for blinds**

- Key can be removed in 0 position



■ with imprint  
■ with 2 keys

DESIGN	ORDER NO.	PU
polar white glossy	<b>1079 71 09</b>	1
anthracite matt, lacquered	<b>1079 71 06</b>	1
Aluminium, aluminium anodised	* <b>1079 71 03</b>	1
Stainless steel, metal matt finish	<b>1079 71 04</b>	1

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115



**Centre plate with lock and push lock function for switch for blinds**

- Key can be removed in 3 positions



■ with imprint  
■ with 2 keys

DESIGN	ORDER NO.	PU
polar white glossy	<b>1079 72 09</b>	1
anthracite matt, lacquered	<b>1079 72 06</b>	1
Aluminium, aluminium anodised	* <b>1079 72 03</b>	1
Stainless steel, metal matt finish	<b>1079 72 04</b>	1

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115





**Centre plate with lock and touch function for switch for blinds**

- Key can be removed in 0 position



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

DESIGN	ORDER NO.	PU
polar white glossy	<b>1079 73 09</b>	1
anthracite matt, lacquered	<b>1079 73 06</b>	1
Aluminium, aluminium anodised	* <b>1079 73 03</b>	1
Stainless steel, metal matt finish	<b>1079 73 04</b>	1



**Centre plate for key push-button for blinds/key switch**

- with imprint
- for lock cylinder
- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for lock cylinder	3821 20	117
Switch for blinds 2pole for lock cylinder	3822 10	118
Push-button for blinds 1pole for lock cylinder	3831 ..	118
Push-button for blinds 2pole for lock cylinder	3832 10	118
Lock cylinder	1818 ..	79
<b>optional</b>		
Sealing set for key switch/key push-button	1010 70 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1504 71 09</b>	10
anthracite matt, lacquered	<b>1504 71 06</b>	10
aluminium matt, lacquered	* <b>1504 71 03</b>	10
stainless steel matt, lacquered	<b>1504 71 04</b>	10

**ROLLOTEC**

**RolloTec buttons**



**RolloTec button comfort for sensors**

- Runtime when using a surface-mounted brightness sensor, the learned running time for sun protection movement is used
- only for sensor connection to terminal block

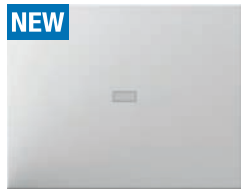
SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor	169	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor surface-mounted	184	129

**i 944**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1771 70 09</b>	1
anthracite matt, lacquered	<b>1771 70 06</b>	1
Aluminium, aluminium anodised	* <b>1771 70 03</b>	1
Stainless steel, metal matt finish	<b>1771 70 04</b>	1







**RolloTec button comfort**

**SUITABLE FOR**  
RolloTec inserts

**ORDER NO.**    **PAGE**  
page 121

**i 944**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1770 70 09</b>	1
anthracite matt, lacquered	<b>1770 70 06</b>	1
Aluminium, aluminium anodised	* <b>1770 70 03</b>	1
Stainless steel, metal matt finish	<b>1770 70 04</b>	1



**RolloTec memory button for sensors**

Stored “up” and/or “down” time is run daily in automatic operation.

■ only for sensor connection to terminal block

**SUITABLE FOR**                      **ORDER NO.**    **PAGE**  
RolloTec inserts                      page 121

<b>optional</b>		
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor	169	128

**i 944**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1757 70 09</b>	1
anthracite matt, lacquered	<b>1757 70 06</b>	1
Aluminium, aluminium anodised	* <b>1757 70 03</b>	1
Stainless steel, metal matt finish	<b>1757 70 04</b>	1



**RolloTec memory button**

Stored “up” and/or “down” time is run daily in automatic operation.

**SUITABLE FOR**  
RolloTec inserts

**ORDER NO.**    **PAGE**  
page 121

**i 944**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1756 70 09</b>	1
anthracite matt, lacquered	<b>1756 70 06</b>	1
Aluminium, aluminium anodised	* <b>1756 70 03</b>	1
Stainless steel, metal matt finish	<b>1756 70 04</b>	1



**RolloTec time switches**

**NEW**



**RolloTec comfort time switch for sensors**

**- Display**



Number of operation times for up/down

- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- 18 ■ RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec brightness sensor	169	128
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129
Magnetic contact	9251 0 ..	130

**i 948**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1775 70 09</b>	1
anthracite matt, lacquered	<b>1775 70 06</b>	1
aluminium matt, lacquered	<b>* 1775 70 03</b>	1
stainless steel matt, lacquered	<b>1775 70 04</b>	1



**NEW**



**RolloTec comfort time switch**

**- Display**



Number of operation times for up/down

- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- 18 ■ with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121

**i 948**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1774 70 09</b>	1
anthracite matt, lacquered	<b>1774 70 06</b>	1
aluminium matt, lacquered	<b>* 1774 70 03</b>	1
stainless steel matt, lacquered	<b>1774 70 04</b>	1





**RolloTec easy time switch**

**- Display**



Number of operation times for up/down

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

2

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
RolloTec inserts		page 121
		<b>i 948</b>

DESIGN	ORDER NO.	PU
polar white glossy	<b>1762 71 09</b>	1
anthracite matt, lacquered	<b>1762 71 06</b>	1
aluminium matt, lacquered	* <b>1762 71 03</b>	1
stainless steel matt, lacquered	<b>1762 71 04</b>	1



**HVAC CONTROLLERS AND COVERS**

**Thermostat**



**Thermostat, NO contact, with centre plate**

**- Time-controlled**



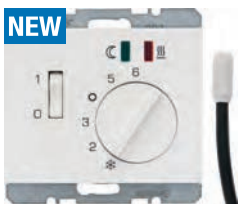
Rated voltage	230 V~
Frequency	50 Hz
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10

- for floor heating, control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Valve drive 230 V	7590 00 76	144
<b>optional</b>		
Temperature sensor	161	152

**i 942**

DESIGN	ORDER NO.	PU
polar white glossy	<b>2044 71 09</b>	1
anthracite matt	<b>2044 71 06</b>	1
aluminium matt, lacquered	* <b>2044 71 03</b>	1
stainless steel, lacquered	<b>2044 71 04</b>	1



**Thermostat, NO contact, with centre plate, for underfloor heating**

- Rocker switch**
- External temperature sensor**



Rated voltage	250 V~
Frequency	50/60 Hz

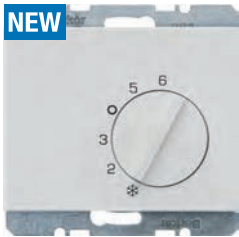
<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Centre plate for thermostat for under-floor heating	1672 71 ..	142
Valve drive 230 V	7590 00 76	144
<b>replacement</b>		
Temperature sensor	161	152

**i 941**

DESIGN	ORDER NO.	PU
polar white glossy	<b>2034 71 09</b>	1
anthracite matt, lacquered	<b>2034 71 06</b>	1
aluminium matt, lacquered	* <b>2034 71 03</b>	1
stainless steel matt, lacquered	<b>2034 71 04</b>	1



K.1/K.5



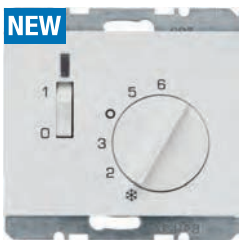
**Temperature controller, change-over contact, with centre plate**

Rated voltage 250 V~ ■ for heating or cooling mode  
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 71 ..	142
Valve drive 230 V	7590 00 76	144

**i 941**

DESIGN	ORDER NO.	PU
polar white glossy	<b>2026 71 09</b>	1
anthracite matt, lacquered	<b>2026 71 06</b>	1
aluminium matt, lacquered	* <b>2026 71 03</b>	1
stainless steel matt, lacquered	<b>2026 71 04</b>	1



**Temperature controller, NC contact, with centre plate**

- Rocker switch



Rated voltage 250 V~  
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 71 ..	143
Valve drive 230 V	7590 00 76	144

**i 941**

DESIGN	ORDER NO.	PU
polar white glossy	<b>2030 71 09</b>	1
anthracite matt, lacquered	<b>2030 71 06</b>	1
aluminium matt, lacquered	* <b>2030 71 03</b>	1
stainless steel matt, lacquered	<b>2030 71 04</b>	1



**Temperature controller, NC contact, with centre plate, 24 V AC/DC**

- Rocker switch



Rated voltage 24 V~/24 V=  
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 71 ..	143
Valve drive 24 V AC/DC	7590 00 77	144

**i 941**

DESIGN	ORDER NO.	PU
polar white glossy	<b>2031 71 09</b>	1
anthracite matt, lacquered	<b>2031 71 06</b>	1
aluminium matt, lacquered	* <b>2031 71 03</b>	1
stainless steel matt, lacquered	<b>2031 71 04</b>	1



**Centre plate for thermostat for underfloor heating**

- Rocker  
- Setting knob



SUITABLE FOR	ORDER NO.	PAGE
Thermostat, NO contact, with centre plate, for underfloor heating	2034 71 ..	138

DESIGN	ORDER NO.	PU
polar white glossy	<b>1672 71 09</b>	1
anthracite matt, lacquered	<b>1672 71 06</b>	1
aluminium matt, lacquered	* <b>1672 71 03</b>	1
stainless steel matt, lacquered	<b>1672 71 04</b>	1

**NEW** Centre plate for thermostat



**- Setting knob**



SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, change-over contact, with centre plate	2026 71 ..	139

DESIGN	ORDER NO.	PU
polar white glossy	<b>1670 71 09</b>	1
anthracite matt, lacquered	<b>1670 71 06</b>	1
aluminium matt, lacquered	* <b>1670 71 03</b>	1
stainless steel matt, lacquered	<b>1670 71 04</b>	1

**NEW** Centre plate for thermostat



**- Rocker**  
**- Setting knob**



SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, NC contact, with 2030 71 .. centre plate		140
Temperature controller, NC contact, with 2031 71 .. centre plate, 24 V AC/DC		141

DESIGN	ORDER NO.	PU
polar white glossy	<b>1671 71 09</b>	1
anthracite matt, lacquered	<b>1671 71 06</b>	1
aluminium matt, lacquered	* <b>1671 71 03</b>	1
stainless steel matt, lacquered	<b>1671 71 04</b>	1

**Central plates for sensor inserts**

**Central plate for sensor insert**

Not suitable for rocker push-button switches.  
Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
Labelling field cannot be used.

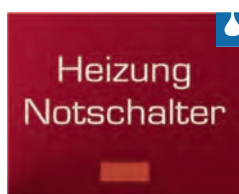
SUITABLE FOR	ORDER NO.	PAGE
Sensor insert	7594 10 01	143

DESIGN	ORDER NO.	PU
polar white glossy	<b>7594 04 09</b>	1
anthracite matt	<b>7594 04 85</b>	1
stainless steel matt, lacquered	<b>7594 04 03</b>	1

**Rockers for heating emergency switches**

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

 **Rocker with imprint "Heizung Notschalter"**



**- Red lens**



SUITABLE FOR	ORDER NO.	PAGE
<ul style="list-style-type: none"> <li>for monitoring circuit</li> <li>also for KNX applications: push-button, 1gang, and group push-button, 1gang</li> </ul>		
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.

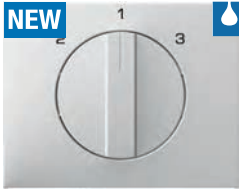
DESIGN	ORDER NO.	PU
red glossy	<b>1488 71 15</b>	10



K.1/K.5

**Centre plates for air conditioner/fan controllers**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



**Centre plate with rotary knob for 3-step switch**

DESIGN

**without 0-position, imprint 2-1-3**

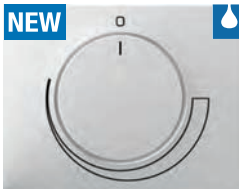
DESIGN	ORDER NO.	PU
polar white glossy	<b>1088 71 09</b>	1
anthracite matt, lacquered	<b>1088 71 06</b>	1
Aluminium, aluminium anodised	* <b>1088 71 03</b>	1
Stainless steel, metal matt finish	<b>1088 71 04</b>	1

SUITABLE FOR	ORDER NO.	PAGE
3-step switch	3861 ..	148
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	351



**with 0-position, imprint 0-1-2-3**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1087 71 09</b>	1
anthracite matt, lacquered	<b>1087 71 06</b>	1
Aluminium, aluminium anodised	* <b>1087 71 03</b>	1
Stainless steel, metal matt finish	<b>1087 71 04</b>	1



**Centre plate for speed controller**

**- Setting knob**



Axis dimension Ø

4 mm

■ with imprinted symbol curve

DESIGN

DESIGN	ORDER NO.	PU
polar white glossy	<b>1135 72 09</b>	10
anthracite matt, lacquered	<b>1135 72 06</b>	10
Aluminium, aluminium anodised	* <b>1135 72 03</b>	10
Stainless steel, metal matt finish	<b>1135 72 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Speed controllers	2968 01	149
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	351

**COMMUNICATION/MULTIMEDIA TECHNOLOGY**

■ For information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

**Covers data-/telecommunication**



**Centre plate with TAE cut-out**

DESIGN

DESIGN	ORDER NO.	PU
polar white glossy	<b>1035 70 09</b>	10
anthracite matt, lacquered	<b>1035 70 06</b>	10
Aluminium, aluminium anodised	* <b>1035 70 03</b>	10
Stainless steel, metal matt finish	<b>1035 70 04</b>	10

■ also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
230 V USB charging socket outlet	2600 0 ..	176
Loudspeaker connection box	4572 0 ..	177
Stereo loudspeaker connection box	4573 0 ..	177
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	165
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	165



**Centre plate for FCC socket outlet**

- for 1gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet

DESIGN

	ORDER NO.	PU
polar white glossy	<b>1407 70 09</b>	10
anthracite matt, lacquered	<b>1407 70 06</b>	10
Aluminium, aluminium anodised	* <b>1407 70 03</b>	10
Stainless steel, metal matt finish	<b>1407 70 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 160



**Central plate for FCC socket outlet**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- for 1gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet
- labelling field latchable

DESIGN

	ORDER NO.	PU
polar white glossy	<b>1468 09</b>	10

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 160



**Centre plate for FCC socket outlet 2gang**

- for 2gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet

DESIGN

	ORDER NO.	PU
polar white glossy	<b>1409 70 09</b>	10
anthracite matt, lacquered	<b>1409 70 06</b>	10
Aluminium, aluminium anodised	* <b>1409 70 03</b>	10
Stainless steel, metal matt finish	<b>1409 70 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 162



**Central plate for FCC socket outlet 2gang**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- for 2gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet
- labelling field latchable

DESIGN

	ORDER NO.	PU
polar white glossy	<b>1469 09</b>	10

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 162



**Centre plate with dust protection slider**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting device, 1gang, order no. 4540 .., see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN

	ORDER NO.	PU
polar white glossy	<b>1170 70 09</b>	10
anthracite matt, lacquered	<b>1170 70 06</b>	10
aluminium matt, lacquered	* <b>1170 70 03</b>	10
stainless steel matt, lacquered	<b>1170 70 04</b>	10



K.1/K.5

**NEW**



**Centre plate with 2 dust protection sliders**

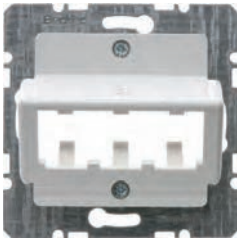
**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ..., see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white glossy	<b>1182 70 09</b>	10
anthracite matt, lacquered	<b>1182 70 06</b>	10
aluminium matt, lacquered	<b>* 1182 70 03</b>	10
stainless steel matt, lacquered	<b>1182 70 04</b>	10



**Central plate for 3 MINI-COM modules**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com HDMI™ module, double socket 1.3, type A
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com USB modules, double socket type A, USB 2.0 compliant
- labelling field latchable
- for Mini-Com dummy modules 1gang

DESIGN	ORDER NO.	PU
polar white glossy	<b>1427 09</b>	10
anthracite matt	<b>1427 16 06</b>	10

**SUITABLE FOR**  
Multimedia modules

**ORDER NO.**  
page 624

**PAGE**  
page 624



**Central plate for Reichle&De-Massari single modules**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

DESIGN	ORDER NO.	PU
polar white glossy	<b>1472 09</b>	10
anthracite matt	<b>1472 16 06</b>	10



**Central plate for Reichle&De-Massari double module**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

DESIGN	ORDER NO.	PU
polar white glossy	<b>1461 09</b>	10





**Central plate 2gang for AMP jacks**

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

DESIGN	ORDER NO.	PU
polar white glossy	<b>1463 09</b>	10
anthracite matt	<b>1463 16 06</b>	10



**Central plate 2gang for Krone jacks**

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

DESIGN	ORDER NO.	PU
polar white glossy	<b>1464 09</b>	10
anthracite matt	<b>1464 16 06</b>	10

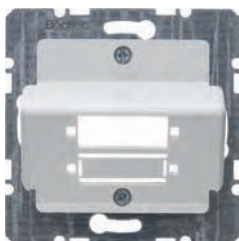


**Central plate for fibre-optic couplings Simplex ST**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

DESIGN	ORDER NO.	PU
polar white glossy, 2gang	<b>1492 09</b>	10



**Central plate for fibre-optic couplings Duplex SC**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

DESIGN	ORDER NO.	PU
polar white glossy	<b>1480 09</b>	10

**Covers for aerial sockets**



**Centre plate for aerial socket 2-/3hole**

- with knock out SAT input

DESIGN	ORDER NO.	PU
polar white glossy	<b>1201 70 19</b>	10
anthracite matt, lacquered	<b>1201 70 16</b>	10
Aluminium, aluminium anodised	* <b>1201 70 13</b>	10
Stainless steel, metal matt finish	<b>1201 70 14</b>	10

**SUITABLE FOR**  
Aerial sockets

**ORDER NO.**      **PAGE**  
page 156



**Centre plate for aerial socket 4hole (Ankaro)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

DESIGN	ORDER NO.	PU
polar white glossy	<b>1484 09</b>	10
anthracite matt	<b>1484 16 06</b>	10
aluminium matt, lacquered	* <b>1484 70 03</b>	10
stainless steel matt, lacquered	<b>1484 04</b>	10

**SUITABLE FOR**  
Aerial socket 4hole single box

**ORDER NO.**      **PAGE**  
4594      158





**Central plate for aerial socket 4hole (Hirschmann)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

DESIGN	ORDER NO.	PU
polar white glossy	<b>1483 09</b>	10
anthracite matt	<b>1483 16 06</b>	10
aluminium matt, lacquered	<b>* 1483 70 03</b>	10
stainless steel matt, lacquered	<b>1483 04</b>	10



**Central plate for broadband modem socket (Wisi)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with additional multimedia output

DESIGN	ORDER NO.	PU
polar white glossy	<b># 1439 09</b>	10
anthracite matt	<b># 1439 16 06</b>	10

**Central plates for signalling and command units**



**Central plate with installation opening Ø 18.8 mm**

Screw spacing 36 mm

- with cut-out dia. 18.8 mm
- labelling field latchable

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Built-in socket for floating output	4604 ..	724

DESIGN	ORDER NO.	PU
polar white glossy	<b>1431 09</b>	10
anthracite matt	<b>1431 16 06</b>	10
stainless steel matt, lacquered	<b>1431 04</b>	10



**Central plate with installation opening Ø 22.5 mm**

Screw spacing 36 mm

- with cut-out dia. 22.5 mm
- labelling field latchable

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

DESIGN	ORDER NO.	PU
polar white glossy	<b>1432 09</b>	10
anthracite matt	<b>1432 16 06</b>	10
stainless steel matt, lacquered	<b>1432 04</b>	10

**Covers Audio**

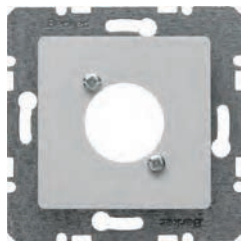


**Centre plate for loudspeaker socket outlet**

- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Stereo loudspeaker socket outlet	4505 01	178
Loudspeaker socket outlet High End	4505 02	178
Entry for small connector	4505	179

DESIGN	ORDER NO.	PU
polar white glossy	<b>1184 70 09</b>	10
anthracite matt, lacquered	<b>1184 70 06</b>	10
Aluminium, aluminium anodised	<b>* 1184 70 03</b>	10
Stainless steel, metal matt finish	<b>1184 70 04</b>	10



**Central plate for XLR D-series connector**

Cut-out Ø	23.6 mm	■ speakon and jack connector
Screw spacing (horizontal/vertical)	19/24 mm	■ labelling field latchable

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

DESIGN	ORDER NO.	PU
polar white glossy	<b>1412 09</b>	10
anthracite matt	<b>1412 16 06</b>	10

**Video socket outlets**



**NEW**

**VGA socket outlet**

Frequency range video	max. 160 MHz	■ with 15pole D-subminiature double jack
Resolution	max. 1280 x 1024 px	■ S-VGA compatible
		■ with 15pole D-subminiature jack (front)

**i 970**

DESIGN	ORDER NO.	PU
<b>with double jack</b>		
polar white glossy	<b>33 1540 70 09</b>	10
anthracite matt, lacquered	<b>33 1540 70 06</b>	10
aluminium matt, lacquered	<b>* 33 1540 70 03</b>	10
stainless steel matt, lacquered	<b>33 1540 70 04</b>	10
<b>back side, with screw-in lift terminals</b>		
polar white glossy <sup>1)</sup>	<b>33 1541 70 09</b>	10
anthracite matt, lacquered <sup>1)</sup>	<b>33 1541 70 06</b>	10
aluminium matt, lacquered <sup>1)</sup>	<b>* 33 1541 70 03</b>	10
stainless steel matt, lacquered <sup>1)</sup>	<b>33 1541 70 04</b>	10

<sup>1)</sup> for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm<sup>2</sup>



**Multimedia sockets**



**NEW**

**3 x Cinch/S-Video socket outlet**

Frequency range audio	20 ... 20000 Hz	■ gold-plated contacts
Frequency range video	max. 160 MHz	■ 1 cinch double jack for video connection (yellow)
		■ 2 cinch double jacks for audio connection (red, white)
		■ S-Video double jack

**i 973**

DESIGN	ORDER NO.	PU
polar white glossy	<b>33 1532 70 09</b>	10
anthracite matt, lacquered	<b>33 1532 70 06</b>	10
aluminium matt, lacquered	<b>* 33 1532 70 03</b>	10
stainless steel matt, lacquered	<b>33 1532 70 04</b>	10



**NEW**

**High definition socket outlet**

Transmission rate	max. 8.16 Gbit/s	■ gold-plated contacts
Resolution	max. 1920 x 1080 px	■ with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

**i 973**

DESIGN	ORDER NO.	PU
<b>back side, with straight socket</b>		
polar white glossy	<b>33 1542 70 09</b>	10
anthracite matt, lacquered	<b>33 1542 70 06</b>	10
aluminium matt, lacquered	<b>* 33 1542 70 03</b>	10
stainless steel matt, lacquered	<b>33 1542 70 04</b>	10
<b>back side, with 90° angle socket</b>		
polar white glossy	<b>33 1543 70 09</b>	10
anthracite matt, lacquered	<b>33 1543 70 06</b>	10
aluminium matt, lacquered	<b>* 33 1543 70 03</b>	10
stainless steel matt, lacquered	<b>33 1543 70 04</b>	10





**USB/3.5 mm audio socket outlet**

USB transmission rate max. 480 Mbit/s  
 Frequency range audio 20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

**i 973**



DESIGN	ORDER NO.	PU
polar white glossy	<b>33 1539 70 09</b>	10
anthracite matt, lacquered	<b>33 1539 70 06</b>	10
aluminium matt, lacquered	★ <b>33 1539 70 03</b>	10
stainless steel matt, lacquered	<b>33 1539 70 04</b>	10

**CONSUMER ELECTRONICS**



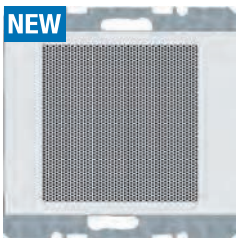
**Berker Radio Touch**

Operating voltage 230 V~  
 Frequency 50/60 Hz  
 Frequency range 87.5 ... 108 MHz  
 Dimensions of display (W x H) 35 x 28 mm  
 Insertion depth 33 mm  
 Conductor cross-section max. 2.5 mm<sup>2</sup>

- stereo FM radio with RDS display
- operation via sensor areas of the touch display
- illuminated touch graphics display
- time and date display
- with one loudspeaker
- extension unit input for separate on/off switching
- external audio input, e.g. for MP3 player or docking station
- connection for a second speaker

SUITABLE FOR optional	ORDER NO.	PAGE
Loudspeaker		page 412
Docking station		page 412

DESIGN	ORDER NO.	PU
polar white glossy	<b>2880 70 09</b>	1
aluminium matt, lacquered	★ <b>2880 70 03</b>	1
stainless steel matt, lacquered	<b>2880 70 04</b>	1



**Loudspeaker**

Insertion depth 22.5 mm  
 Pre-assembled cable ≈ 0.3 m  
 Conductor cross-section (flexible) 0.75 mm<sup>2</sup>

- confectioned, with 2-core, double-insulated, flexible cable

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 412
Docking station		page 412

DESIGN	ORDER NO.	PU
polar white glossy	<b>2882 70 09</b>	1
aluminium matt, lacquered	★ <b>2882 70 03</b>	1
stainless steel matt, lacquered	<b>2882 70 04</b>	1



**Docking station**

Operating voltage 230 V~  
 Frequency 50/60 Hz  
 Output voltage max. 3.5 V  
 Number of loudspeakers (4 Ω) 1  
 Number of loudspeakers (8 Ω) 2  
 Number of loudspeakers (20 Ω) 5  
 Insertion depth 36 mm

- with 30pole plug connector for iPod and iPhone\*
- buttons for volume control
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- stereo Line-Out for connection to the radio touch

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 412
Loudspeaker		page 412

\* iPod and iPhone are registered trademarks of Apple Inc.

DESIGN	ORDER NO.	PU
polar white glossy	<b>2883 70 09</b>	1
aluminium matt, lacquered	★ <b>2883 70 03</b>	1
stainless steel matt, lacquered	<b>2883 70 04</b>	1



**COVERS FOR PILOT LAMPS**

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

**NEW**



**Centre plate for push-button/pilot lamp E10**

Cut-out Ø 27.2 mm ■ centre plate for plug-in fixing

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 75
LED lamp E10		page 74
Neon lamp E10		page 75
Push-button/pilot lamp E10, NO contact	5101 ..	68

DESIGN	ORDER NO.	PU
polar white glossy	<b>1165 70 09</b>	10
anthracite matt, lacquered	<b>1165 70 06</b>	10
aluminium matt, lacquered	* <b>1165 70 03</b>	10
stainless steel matt, lacquered	<b>1165 70 04</b>	10

**NEW**



 **Centre plate for pilot lamp E14**

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 75
LED lamp E14		page 75
Incandescent lamp E14		page 75
Pilot lamp E14	5131 02	69
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1167 70 09</b>	10
anthracite matt, lacquered	<b>1167 70 06</b>	10
aluminium matt, lacquered	* <b>1167 70 03</b>	10
stainless steel matt, lacquered	<b>1167 70 04</b>	10

**NEW**



**Cover for LED orientation/signal light**

- with printed label sheets "Bitte warten/Bitte eintreten" and "Do not disturb/make up room"
- with milky foil, for individual labelling

SUITABLE FOR	ORDER NO.	PAGE
LED signal light	2952	70
LED orientation light	2951	70

DESIGN	ORDER NO.	PU
polar white glossy	<b>1248 70 09</b>	1
anthracite matt, lacquered	<b>1248 70 06</b>	1
aluminium matt, lacquered	* <b>1248 70 03</b>	1
stainless steel matt, lacquered	<b>1248 70 04</b>	1

**NEW**



**Cover for info pilot lamp**

Current consumption 25 mA ■ with clear cover plate  
 Power, LED 800 mW ■ with 4 light intensive LEDs  
 Service life of the LED ≈ 25000 h ■ very long LED lifetime

Printed labels supplied: "Nicht eintreten", "Besetzt", "Bitte eintreten", "Bitte Ruhe", "Bitte warten".	SUITABLE FOR	ORDER NO.	PAGE
	Cover plate for info pilot lamp	1289 ..	76
	Info pilot lamp	2949	71

**i 936**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1345 70 09</b>	1
anthracite matt, lacquered	<b>1345 70 06</b>	1
aluminium matt, lacquered	* <b>1345 70 03</b>	1
stainless steel matt, lacquered	<b>1345 70 04</b>	1



**SUPPLEMENTARY PRODUCTS**

**Sealings IP44**

■ For installation information on sealing sets, see FLUSH-MOUNTED WET ROOM INSTALLATION.



**Sealing set for socket outlets/centre plates**

SUITABLE FOR	ORDER NO.	PAGE
Centre plates for rotary dimmers		page 396
Centre plates for rotary switches for blinds		page 399
Centre plates for air conditioner/fan controllers		page 406
Blind plates		page 414
FRAME		page 424
Centre plate for pilot lamp E14	1167 7 ..	69
SCHUKO socket outlet with hinged cover 4751 7 ..		383
SCHUKO socket outlet with hinged cover 4752 7 ..		384

DESIGN	ORDER NO.	PU
transparent	<b>1010 72 00</b>	1



**Sealing set for switches/push-buttons**

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

SUITABLE FOR	ORDER NO.	PAGE
Rockers		page 391
Rockers for multi-pole rocker switches		page 393
Rockers - barrier-free construction		page 417
FRAME		page 424
Rocker with imprinted arrows symbol	1405 71 ..	818
Rocker with imprint "Heizung Notschalter"	1488 71 15	146

DESIGN	ORDER NO.	PU
transparent	<b>1010 71 00</b>	1



**Sealing set for key switch/key push-button**

SUITABLE FOR	ORDER NO.	PAGE
FRAME		page 424
Centre plate for key push-button for blinds/key switch	1504 71 ..	119
Centre plate for key switch/key push-button	1505 70 ..	36

DESIGN	ORDER NO.	PU
transparent	<b>1010 70 00</b>	1

**Blind plates**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



**Blind plug with centre plate**

- on supporting plate without cut-out

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	351

DESIGN	ORDER NO.	PU
--------	-----------	----

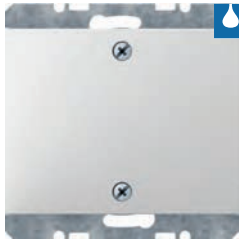
**without spreader claws**

polar white glossy	<b>1045 70 09</b>	20
anthracite matt, lacquered	<b>1045 70 06</b>	20
Aluminium, aluminium anodised	* <b>1045 70 03</b>	20
Stainless steel, metal matt finish	<b>1045 70 04</b>	20



**with base and spreader claws**

polar white glossy	<b>67 1045 70 09</b>	10
anthracite matt, lacquered	<b>67 1045 70 06</b>	10
Aluminium, aluminium anodised	<b>* 67 1045 70 03</b>	10
Stainless steel, metal matt finish	<b>67 1045 70 04</b>	10



**Blind plug with centre plate, screw-on**

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- for customised cut-outs or holes when installing special solutions
- space-saving for relays, etc.

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	351



DESIGN	ORDER NO.	PAGE
polar white glossy	<b>1045 71 09</b>	20
anthracite matt, lacquered	<b>1045 71 06</b>	20



**Centre plate for cable outlet**

SUITABLE FOR	ORDER NO.	PAGE
Cable outlet with low installation depth	4468	173
Cable outlet	4470	173

DESIGN	ORDER NO.	PAGE
polar white glossy	<b>1005 70 09</b>	10
anthracite matt, lacquered	<b>1005 70 06</b>	10
aluminium matt, lacquered	<b>* 1005 70 03</b>	10
stainless steel matt, lacquered	<b>1005 70 04</b>	10

**Intermediate rings**



**Adapter ring for centre plate 50 x 50 mm**

Caution!  
Not suitable for Berker central plates.  
For centre plate as per according to DIN 49075

- for other centre plates with external size 50 x 50 mm

DESIGN	ORDER NO.	PAGE
polar white glossy	<b>1108 71 09</b>	10
anthracite matt, lacquered	<b>1108 71 06</b>	10
aluminium matt, lacquered	<b>* 1108 71 03</b>	10
stainless steel matt, lacquered	<b>1108 71 04</b>	10



**Intermediate ring for central plate**

- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Labelling field for intermediate ring	1905 00 69	230

DESIGN	ORDER NO.	PAGE
polar white glossy	<b>1108 70 09</b>	10
anthracite matt, lacquered	<b>1108 70 06</b>	10
aluminium matt, lacquered	<b>* 1108 70 03</b>	10
stainless steel matt, lacquered	<b>1108 70 04</b>	10



K.1/K.5



**Labelling field for intermediate ring**

Labelling field height arranged for P-touch strips 6 mm.

SUITABLE FOR	ORDER NO.	PAGE
Intermediate ring for central plate	1108 ..	470
Intermediate ring for central plate	1109 ..	305

DESIGN	ORDER NO.	PU
polar white glossy	<b>1905 00 69</b>	10
aluminium matt, lacquered	* <b>1905 70 03</b>	10
stainless steel matt, lacquered	<b>1905 70 04</b>	10



**Intermediate ring with hinged cover**

Labelling field height arranged for P-touch strips 6 mm.

- when opening hinged cover, it can be arrested in end position
- with imprint
- for other centre plates with external size 50 x 50 mm

DESIGN	ORDER NO.	PU
polar white glossy <sup>1)</sup>	<b>1154 71 09</b>	10
anthracite matt, lacquered <sup>1)</sup>	<b>1154 71 06</b>	10
Aluminium aluminium anodised <sup>1)</sup>	* <b>1154 71 03</b>	10
Stainless steel/metal matt finish <sup>1)</sup>	<b>1154 71 04</b>	10

**HOTEL APPLICATIONS**  
**Centre plates for hotel card switches**



**Centre plate with imprint for push-button for hotel card**

- Red lens



- for push-button for hotel card

SUITABLE FOR	ORDER NO.	PAGE
Push-button for hotel card		page 80

Card width max. 54 mm  
Card thickness 0.5 ... 1.4 mm

Other imprint on request!

DESIGN	ORDER NO.	PU
polar white glossy	<b>1641 71 09</b>	10
anthracite matt, lacquered	<b>1641 71 06</b>	10
aluminium matt, lacquered	* <b>1641 71 03</b>	10
stainless steel matt, lacquered	<b>1641 71 04</b>	10

**BARRIER-FREE CONSTRUCTION**

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

**SCHUKO socket outlets**



**SCHUKO socket outlet with hinged cover for barrier-free construction**

- Tactile symbol  
- enhanced contact protection



- when opening hinged cover, it can be arrested in end position
- for barrier-free construction
- with plug-in terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**

Connection terminals according to IEC 60884-1  
Barrier-free building based on based on DIN 18025



DESIGN	ORDER NO.	PU
polar white glossy	<b>4786 71 09</b>	10



**Rockers - barrier-free construction**

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



 **Rocker for barrier-free construction**

- Guide for mouth rod
- Lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

Barrier-free building based on based on DIN 18025

- for illumination and monitoring circuit
- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang
- for barrier-free construction

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1661 71 09</b>	10



 **Rocker for barrier-free construction**

- Tactile light symbol
- Red lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

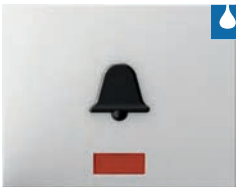
Not suitable for rocker push-button switches.

Barrier-free building based on based on DIN 18025

- for illumination and monitoring circuit
- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang
- for barrier-free construction

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1651 71 09</b>	10



 **Rocker for barrier-free construction**

- Tactile bell symbol
- Red lens



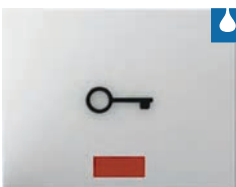
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Barrier-free building based on based on DIN 18025

- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1 gang
- for barrier-free construction

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1651 72 09</b>	10



 **Rocker for barrier-free construction**

- Tactile symbol for door opener
- Red lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Barrier-free building based on based on DIN 18025

- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1 gang
- for barrier-free construction

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	351

DESIGN	ORDER NO.	PU
polar white glossy	<b>1651 73 09</b>	10



K.1/K.5

**HOSPITAL INSTALLATION**

**Emergency system**



**Emergency call set with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

Set consisting of:  
- Pullcord with frame, order no. 5202..  
- Pilot lamp with frame, order no. 5203..  
- Shut-off push-button with frame, order no. 5201..  
- Power supply with frame, order no. 5204..

For installation in standard wall boxes according to DIN 49073-1

The emergency call set is used to call for help in public or disabled WCs, doctors' surgeries and old people's homes. It corresponds to the safety requirements according to DIN VDE 0834

- acoustic and visual signalling of an emergency call using pilot lamp after the pullcord push-button has been actuated
- switch-off of emergency call using shut-off push-button at emergency location
- power supply via power supply unit with 24 V AC
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- centre plates for plug-in fixing
- monitoring of devices triggering calls for wire break
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Cancellation/presence button with frame	5205 70 09	418
Call button with frame	5206 70 09	418
Pull button with frame	5202 70 09	418
Light signal with frame	5203 70 09	419
Cancellation button with frame	5201 70 09	419
Mains adapter with frame	5204 70 09	419

DESIGN	ORDER NO.	PU
polar white glossy	★ 5200 70 09	1



**Call button with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

Additional call push-button to, for example, provide a control section in a second room or an additional location to trigger an emergency call.

For installation in standard wall boxes according to DIN 49073-1

- as expansion for the emergency call set
- with quiet lamp
- with red call button with lens
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 70 09	418

DESIGN	ORDER NO.	PU
polar white glossy	★ 5206 70 09	1



**Cancellation/presence button with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C  
Cable length to light signal max. 500 m

Office unit, in order to, for example, indicate an emergency call in an office or a headquarters.

For installation in standard wall boxes according to DIN 49073-1

- as expansion for the emergency call set
- with yellow shut-off button
- with green presence button
- with visual and acoustic alarm encoder
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 70 09	418

DESIGN	ORDER NO.	PU
polar white glossy	★ 5205 70 09	1



**Pull button with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

To trigger an emergency call in emergency situations.

For installation in standard wall boxes according to DIN 49073-1

- with quiet lamp
- centre plate for plug-in fixing
- for wall and ceiling mounting
- with pullcord and knob
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 70 09	418

DESIGN	ORDER NO.	PU
polar white glossy	★ 5202 70 09	1

**NEW**



**Cancellation button with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

- with green shut-off button
- centre plate for plug-in fixing
- with screw terminals

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.  
For installation in standard wall boxes according to DIN 49073-1

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 70 09	418

DESIGN	ORDER NO.	PU
polar white glossy	<b>* 5201 70 09</b>	1

**NEW**



**Light signal with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

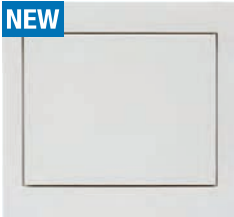
- with 4 red LEDs
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
- call tone received on voltage failure and return
- centre plate for plug-in fixing
- with screw terminals

For visual and acoustic alarms in emergency situations.  
Caution:  
Always install the device in a clearly visible location.  
Recommendation: use deep box.  
For installation in standard wall boxes according to DIN 49073-1

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 70 09	418

DESIGN	ORDER NO.	PU
polar white glossy	<b>* 5203 70 09</b>	1

**NEW**



**Mains adapter with frame**

Operating voltage 24 V  
Frequency 50 ... 60 Hz  
Input voltage 100 ... 240 V~  
Input current max. 180 mA  
Output current max. 250 mA  
Operating temperature -5 ... +40 °C

- centre plate for plug-in fixing
- with screw terminals

For the power supply of the emergency call system components with 24 V DC.  
Recommendation: use deep box.  
For installation in standard wall boxes according to DIN 49073-1

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 70 09	418

DESIGN	ORDER NO.	PU
polar white glossy	<b>* 5204 70 09</b>	1

**Central plates for hospital installation**



**Central plate for socket outlet for floating output**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
For double pole socket outlet for floating output according to DIN 42801

- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Socket outlet for floating output	1061	724

DESIGN	ORDER NO.	PU
polar white glossy	<b>1403 09</b>	10
anthracite matt	<b>1403 16 06</b>	10



K.1/K.5



**Central plate for 6pole socket outlet**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

**MANUFACTURER: PRODUCT LINE**

**ART. NO.**

**Nurse call systems**

Ackermann: clino opt 90 / clino phon 95  
clino opt 99

71008C  
71008C3

**6pole socket outlets**

Hirschmann: Medu 600 GSK

DESIGN	ORDER NO.	PU
polar white glossy	<b>1474 09</b>	10
anthracite matt	<b>1474 16 06</b>	10
stainless steel matt, lacquered	<b>1474 04</b>	10

**Centre plates for Ackermann inserts**



**Centre plate for nurse call system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**ART. NO.**

**Nurse call systems**

Ackermann: clino opt 90, 99 / clino phon 95

72642C  
72639A  
71197A  
72642B

DESIGN	ORDER NO.	PU
polar white glossy	<b>1204 70 09</b>	10



**Centre plate with plug-in opening for nurse call systems**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**ART. NO.**

**Nurse call systems**

Ackermann: clino opt 99

73070A

DESIGN	ORDER NO.	PU
polar white glossy	<b>1298 70 09</b>	10



**Centre plate for dropping plug-and-socket connector**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- a-coded for dropping plug-and-socket connector

**MANUFACTURER: PRODUCT LINE**

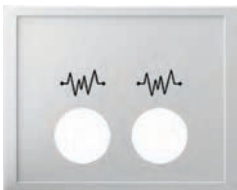
**ART. NO.**

**Nurse call systems**

Ackermann: clino opt 99

74189A

DESIGN	ORDER NO.	PU
polar white glossy	<b>1305 70 09</b>	10



**Centre plate with 2 plug-in openings and imprint, for call unit**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 diagnostic plug-in contacts
- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**ART. NO.**

**Nurse call systems**

Ackermann: clino opt 99

73075C  
73020G  
73021G  
73075D

DESIGN	ORDER NO.	PU
polar white glossy	<b>1244 71 09</b>	10



**Centre plate with plug-in opening, red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

DESIGN	ORDER NO.	PU
polar white glossy	<b>1217 70 09</b>	10



**Centre plate with 2 plug-in openings, imprint and red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint
- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

DESIGN	ORDER NO.	PU
polar white glossy	<b>1218 71 09</b>	10



**Centre plate with red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73071F 73071F2 73073F

DESIGN	ORDER NO.	PU
polar white glossy	<b>1216 70 09</b>	10



**Centre plate with red button at bottom**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
polar white glossy	<b>1219 70 09</b>	10



K.1/K.5



**Centre plate with green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642C

DESIGN	ORDER NO.	PU
polar white glossy	<b>1251 70 09</b>	10



**Centre plate with yellow button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642D

DESIGN	ORDER NO.	PU
polar white glossy	<b>1252 70 09</b>	10



**Centre plate with blue button and imprint**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint
- for call push-button
- button with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
polar white glossy	<b>1223 71 09</b>	10



**Centre plate with red + green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642B2

DESIGN	ORDER NO.	PU
polar white glossy	<b>1249 70 09</b>	10



**Centre plate with green + yellow button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642E

DESIGN	ORDER NO.	PU
polar white glossy	<b>1253 70 09</b>	10



**Centre plate with white + green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- buttons with lens
- centre plate for plug-in fixing
- for office unit

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642B
<b>DESIGN</b>	<b>ORDER NO.</b>
polar white glossy	1299 71 09
	<b>PU</b>
	10



**Centre plate for pneumatic call switch**

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	70006A
	70006B
clino opt 99	70006C
<b>DESIGN</b>	<b>ORDER NO.</b>
polar white glossy	1236 70 09
	<b>PU</b>
	10



**Centre plate for pullcord push-button**

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3
	70046A3
	70046A
<b>DESIGN</b>	<b>ORDER NO.</b>
polar white glossy	1233 70 09
	<b>PU</b>
	10



**Centre plate with imprinted symbol curve for small sound system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	73120C
	73120H
<b>DESIGN</b>	<b>ORDER NO.</b>
polar white glossy	1300 71 09
	<b>PU</b>
	10



**Centre plate with imprint "0 - 1 - 2 - 3 - 4 - 5" for small sound system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	73120A
<b>DESIGN</b>	<b>ORDER NO.</b>
polar white glossy	1301 71 09
	<b>PU</b>
	10



K.1/K.5

**FRAME**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Frame**

■ for vertical and horizontal mounting

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**

**PAGE**  
page 414

**i 975**

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	<b>1313 70 09</b>	10
polar white glossy, 2gang vertical	<b>1323 70 09</b>	2
polar white glossy, 3gang vertical	<b>1333 70 09</b>	2
polar white glossy, 4gang vertical	<b>1343 70 09</b>	2
polar white glossy, 5gang vertical	<b>1353 70 09</b>	2
polar white glossy, 2gang horizontal	<b>1363 70 09</b>	2
polar white glossy, 3gang horizontal	<b>1373 70 09</b>	2
polar white glossy, 4gang horizontal	<b>1383 70 09</b>	2
polar white glossy, 5gang horizontal	<b>1393 70 09</b>	2



**Frame**

■ for vertical and horizontal mounting

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**

**PAGE**  
page 414

**i 975**

DESIGN	ORDER NO.	PU
anthracite matt, lacquered, 1gang	<b>1313 70 06</b>	10
anthracite matt, lacquered, 2gang vertical	<b>1323 70 06</b>	10
anthracite matt, lacquered, 3gang vertical	<b>1333 70 06</b>	2
anthracite matt, lacquered, 4gang vertical	<b>1343 70 06</b>	2
anthracite matt, lacquered, 5gang vertical	<b>1353 70 06</b>	2
anthracite matt, lacquered, 2gang horizontal	<b>1363 70 06</b>	10
anthracite matt, lacquered, 3gang horizontal	<b>1373 70 06</b>	2
anthracite matt, lacquered, 4gang horizontal	<b>1383 70 06</b>	2
anthracite matt, lacquered, 5gang horizontal	<b>1393 70 06</b>	2



**NEW**

**Frame**

Support plate thickness

max. 2 mm

■ for vertical and horizontal mounting

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**

**PAGE**  
page 414

**i 975**

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised, 1gang	<b>* 1313 70 03</b>	10
Aluminium, aluminium anodised, 2gang vertical	<b>* 1323 70 03</b>	2
Aluminium, aluminium anodised, 3gang vertical	<b>* 1333 70 03</b>	2
Aluminium, aluminium anodised, 4gang vertical	<b>* 1343 70 03</b>	2
Aluminium, aluminium anodised, 5gang vertical	<b>* 1353 70 03</b>	2
Aluminium, aluminium anodised, 2gang horizontal	<b>* 1363 70 03</b>	2
Aluminium, aluminium anodised, 3gang horizontal	<b>* 1373 70 03</b>	2
Aluminium, aluminium anodised, 4gang horizontal	<b>* 1383 70 03</b>	2
Aluminium, aluminium anodised, 5gang horizontal	<b>* 1393 70 03</b>	2





Frame

■ for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealings IP44		page 414

**i 975**

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish, 1gang	<b>1313 70 04</b>	10
Stainless steel, metal matt finish, 2gang vertical	<b>1323 70 04</b>	2
Stainless steel, metal matt finish, 3gang vertical	<b>1333 70 04</b>	2
Stainless steel, metal matt finish, 4gang vertical	<b>1343 70 04</b>	2
Stainless steel, metal matt finish, 5gang vertical	<b>1353 70 04</b>	2
Stainless steel, metal matt finish, 2gang horizontal	<b>1363 70 04</b>	2
Stainless steel, metal matt finish, 3gang horizontal	<b>1373 70 04</b>	2
Stainless steel, metal matt finish, 4gang horizontal	<b>1383 70 04</b>	2
Stainless steel, metal matt finish, 5gang horizontal	<b>1393 70 04</b>	2

**Frame with large cut-out**



**Frame with large cut-out**

Not suitable for surface-mounted housing.

■ for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 70	734
Push-button 4gang comfort	7516 47 70	797
Push-button 4gang for light scenes	7516 88 70	799
Push-button 3gang with thermostat	7566 37 70	801
Push-button 5gang with thermostat	7566 57 70	801

DESIGN	ORDER NO.	PU
polar white glossy	<b>1309 70 09</b>	1



**Frame with large cut-out**

Not suitable for surface-mounted housing.

■ for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 75	734
Push-button 4gang comfort	7516 47 75	797
Push-button 4gang for light scenes	7516 88 75	799
Push-button 3gang with thermostat	7566 37 75	801
Push-button 5gang with thermostat	7566 57 75	801

DESIGN	ORDER NO.	PU
anthracite matt, lacquered	<b>1309 70 06</b>	1



**NEW**

**Frame with large cut-out**

Not suitable for surface-mounted housing.

■ for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 74	734
Push-button 4gang comfort	7516 47 74	797
Push-button 4gang for light scenes	7516 88 74	799
Push-button 3gang with thermostat	7566 37 74	801
Push-button 5gang with thermostat	7566 57 74	801

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised	<b>* 1309 70 03</b>	1



**Frame with large cut-out**

Not suitable for surface-mounted housing.

■ for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 73	734
Push-button 4gang comfort	7516 47 73	797
Push-button 4gang for light scenes	7516 88 73	799
Push-button 3gang with thermostat	7566 37 73	801
Push-button 5gang with thermostat	7566 57 73	801

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	<b>1309 70 04</b>	1



K.1/K.5

**SURFACE-MOUNTED HOUSINGS**

**NEW**



**Housing surface-mounted**

Insertion depth

36 mm

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

**SUITABLE FOR optional**

Entries/connectors

**ORDER NO.**

**PAGE**

page 716

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	<b>1041 70 09</b>	10
polar white glossy, 2gang vertical	<b>1042 70 09</b>	5
polar white glossy, 3gang vertical	<b>1043 70 09</b>	5
polar white glossy, 2gang horizontal	<b>1052 70 09</b>	5
polar white glossy, 3gang horizontal	<b>1053 70 09</b>	5
anthracite matt, lacquered, 1gang	<b>1041 70 06</b>	10
anthracite matt, lacquered, 2gang vertical	<b>1042 70 06</b>	5
anthracite matt, lacquered, 3gang vertical	<b>1043 70 06</b>	5
anthracite matt, lacquered, 2gang horizontal	<b>1052 70 06</b>	5
anthracite matt, lacquered, 3gang horizontal	<b>1053 70 06</b>	5
aluminium matt, lacquered, 1gang	* <b>1041 70 03</b>	10
aluminium matt, lacquered, 2gang vertical	* <b>1042 70 03</b>	5
aluminium matt, lacquered, 3gang vertical	* <b>1043 70 03</b>	5
aluminium matt, lacquered, 2gang horizontal	* <b>1052 70 03</b>	5
aluminium matt, lacquered, 3gang horizontal	* <b>1053 70 03</b>	5
stainless steel matt, lacquered, 1gang	<b>1041 70 04</b>	10
stainless steel matt, lacquered, 2gang vertical	<b>1042 70 04</b>	5
stainless steel matt, lacquered, 3gang vertical	<b>1043 70 04</b>	5
stainless steel matt, lacquered, 2gang horizontal	<b>1052 70 04</b>	5
stainless steel matt, lacquered, 3gang horizontal	<b>1053 70 04</b>	5



BERKER ARSYS



**B.**  
Berker

SCHUKO SOCKET OUTLETS	432-438
INTERNATIONAL SOCKET OUTLET SYSTEMS	438-442
COVERS FOR SWITCHES/PUSH-BUTTONS	443-446
TIMERS	447-448
COVERS FOR DIMMERS	448
BLC - BERKER LIGHT CONTROL	449-450
COVERS FOR BLIND SWITCHES/PUSH-BUTTONS	451-453
ROLLOTEC	453-456
HVAC CONTROLLERS AND COVERS	456-459
COMMUNICATION/MULTIMEDIA TECHNOLOGY	460-466
CONSUMER ELECTRONICS	466
COVERS FOR PILOT LAMPS	467
SUPPLEMENTARY PRODUCTS	468-471
HOTEL APPLICATIONS	472
HOSPITAL INSTALLATION	472-478
FRAME	478-480
SURFACE MOUNTED FRAMES	480
<b>BERKER ARSYS KUPFER MED</b>	
SCHUKO SOCKET OUTLETS	482
INTERNATIONAL SOCKET OUTLET SYSTEMS	482
COVERS FOR SWITCHES/PUSH-BUTTONS	483
COVERS FOR BLIND SWITCHES/PUSH-BUTTONS	483
FRAME	483

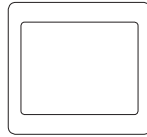
Each property is different. Each interior is individual. And the switch concept should be just as unique. Thanks to its wide range of available materials and surfaces, Berker Arsys can fit into almost any ambience. And still remains true to itself.

- Easy hygienic cleaning of the surface
- Very flat, elegant design through perfectly-matched radii of frames, rocker switch edges and the rocker switch surface
- Available surfaces: white, polar white, brown, gold metal, metal light bronze, stainless steel



Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

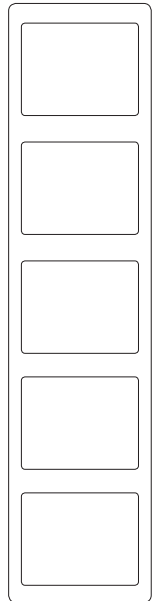
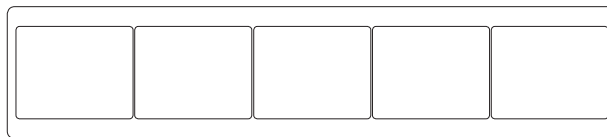
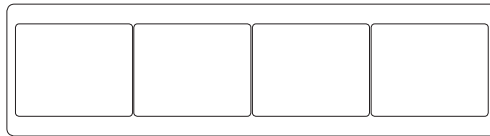
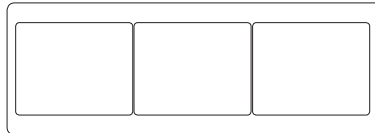
Frame, 1gang  
W 80.5 mm x H 80.5 mm, 1gang



Frame, 2 to 5gang, horizontal  
W 151.5 mm x H 80.5 mm, 2gang  
W 222.5 mm x H 80.5 mm, 3gang  
W 293.5 mm x H 80.5 mm, 4gang  
W 364.5 mm x H 80.5 mm, 5gang



Frames 2 to 5gang, vertical  
H 151.5 mm x W 80.5 mm, 2gang  
H 222.5 mm x W 80.5 mm, 3gang  
H 293.5 mm x W 80.5 mm, 4gang  
H 364.5 mm x W 80.5 mm, 5gang



PRODUCT EXAMPLES





FRAMES / COVERS / CENTRAL INSERTS

Plastic, glossy

White	similar to RAL 1013
Polar white	similar to RAL 9010
Brown	similar to RAL 8011
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003
Yellow	similar to RAL 1004

Metal, matt finish

Aluminium light bronze lacquered
Aluminium gold anodised
Stainless steel

Copper, metal alloy

Individual articles, which, for technical reasons, cannot be coated are lacquered.



**SCHUKO SOCKET OUTLETS**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



**SCHUKO socket outlet**

Rated voltage 250 V~ ■ with plug-in terminals  
Rated current 16 A

**i 911**

DESIGN	ORDER NO.	PU
white glossy	<b>4715 00 02</b>	10
polar white glossy	<b>4715 00 69</b>	10
brown glossy	<b>4715 00 01</b>	10
light bronze matt, aluminium lacquered	<b>4714 00 01</b>	10
Stainless steel, metal matt finish	<b>4714 00 04</b>	10
gold matt, aluminium anodised	<b>4714 00 02</b>	10



**SCHUKO socket outlet**

**- enhanced contact protection**

■ with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

**i 911**

DESIGN	ORDER NO.	PU
white glossy	<b>4735 00 02</b>	10
polar white glossy	<b>4735 00 69</b>	10
brown glossy	<b>4735 00 01</b>	10
light bronze matt, aluminium lacquered	<b>4734 00 01</b>	10
Stainless steel, metal matt finish	<b>4734 00 04</b>	10
gold matt, aluminium anodised	<b>4734 00 02</b>	10



**SCHUKO socket outlet**

**- Screw-in lift terminals**



Rated voltage 250 V~  
Rated current 16 A

**i 911**

DESIGN	ORDER NO.	PU
white glossy	<b>4115 00 02</b>	10
polar white glossy	<b>4115 00 69</b>	10
brown glossy	<b>4115 00 01</b>	10
light bronze matt, aluminium lacquered	<b>4114 00 01</b>	10
Stainless steel, metal matt finish	<b>4114 00 04</b>	10







**SCHUKO socket outlet**

- enhanced contact protection
- Screw-in lift terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

DESIGN	ORDER NO.	PU
brown glossy	<b>4135 00 01</b>	10
white glossy	<b>4135 00 02</b>	10
polar white glossy	<b>4135 00 69</b>	10
light bronze matt, aluminium lacquered	<b>4134 00 01</b>	10
Stainless steel, metal matt finish	<b>4134 00 04</b>	10
gold matt, aluminium anodised	<b>4134 00 02</b>	10



**SCHUKO socket outlet 45°**

Rated voltage 250 V~  
Rated current 16 A

- for diagonal installation
- with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

**i 911**

DESIGN	ORDER NO.	PU
white glossy	<b>4728 00 02</b>	10
polar white glossy	<b>4728 00 69</b>	10
brown glossy	<b>4728 00 01</b>	10



**SCHUKO socket outlet**

- Labelling field

- with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	<b>4739 00 02</b>	10
polar white glossy	<b>4739 00 69</b>	10
brown glossy	<b>4739 00 01</b>	10
stainless steel matt, lacquered	<b>4739 90 04</b>	10



**SCHUKO socket outlet**

- Labelling field

- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
green glossy	<b>4739 00 63</b>	10



Arsys



**SCHUKO socket outlet**

- Labelling field
- enhanced contact protection

- with plug-in terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	<b>4738 00 02</b>	10
polar white glossy	<b>4738 00 69</b>	10
brown glossy	<b>4738 00 01</b>	10



**SCHUKO socket outlet**

- Labelling field
- enhanced contact protection

- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
green glossy	<b>4738 00 63</b>	10



**SCHUKO socket outlet with LED orientation light**

- enhanced contact protection
- Screw-in lift terminals

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- through-wiring possible, therefore also ideal for retrofitting
- long service life of the LED
- white LED light



Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A  
Power consumption 0,25 W/0,35 VA  
Switch-off brightness ca. 4 lx  
Light intensity (white) 0.2 cd  
Switch-on brightness ca. 2 lx  
Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>

Caution!  
Items with special flush-mounted insert.  
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

**i 911**

DESIGN	ORDER NO.	PU
white glossy	★ <b>4109 00 02</b>	10
polar white glossy	★ <b>4109 00 69</b>	10
light bronze, lacquered	★ <b>4109 90 11</b>	10
stainless steel, lacquered	★ <b>4109 90 04</b>	10





**SCHUKO socket outlet with control LED**

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

■ with screw-in lift terminals

**i 911**



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.



DESIGN	ORDER NO.	PU
white glossy	<b>4110 00 02</b>	10
polar white glossy	<b>4110 00 69</b>	10



**Double SCHUKO socket outlet with frame**

Rated voltage 250 V~  
Rated current 16 A  
Assembling height 22 mm

■ with plug-in terminals

**i 911**

For installation in 1gang wall boxes according to according to DIN 49073-1



DESIGN	ORDER NO.	PU
white glossy	<b>4753 00 02</b>	10
polar white glossy	<b>4753 00 69</b>	10
brown glossy	<b>4753 00 01</b>	10



**Double SCHUKO socket outlet with frame**

- enhanced contact protection

■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A  
Assembling height 22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1



DESIGN	ORDER NO.	PU
white glossy	<b>4729 00 02</b>	10
polar white glossy	<b>4729 00 69</b>	10
brown glossy	<b>4729 00 01</b>	10
light bronze matt, lacquered	<b>4729 90 11</b>	10
stainless steel matt, lacquered	<b>4729 90 04</b>	10



**SCHUKO socket outlets with hinged cover**



- SCHUKO socket outlet with hinged cover**
- enhanced contact protection
  - Installation position variable in 45° steps



Rated voltage 250 V~  
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
white glossy	<b>4747 00 02</b>	10
polar white glossy	<b>4747 00 69</b>	10
brown glossy	<b>4747 00 01</b>	10
light bronze matt, aluminium lacquered	<b>4757 00 01</b>	10
Stainless steel, metal matt finish	<b>4757 00 04</b>	10
gold matt, aluminium anodised	<b>4757 00 02</b>	10



- SCHUKO socket outlet with hinged cover**
- Labelling field
  - enhanced contact protection
  - Installation position variable in 45° steps



Rated voltage 250 V~  
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
white glossy	<b>4748 00 02</b>	10
polar white glossy	<b>4748 00 69</b>	10
brown glossy	<b>4748 00 01</b>	10
light bronze matt, aluminium lacquered	<b>4758 00 01</b>	10
Stainless steel, metal matt finish	<b>4758 00 04</b>	10
gold matt, aluminium anodised	<b>4758 00 02</b>	10



**SCHUKO socket outlet with hinged cover**

Rated voltage 250 V~  
Rated current 16 A

Degree of protection IP44 is provided only with sealing set order no. 1010 00.

- with imprint
- with plug-in terminals

**SUITABLE FOR**  
Sealing set for Arsys IP44 devices

**ORDER NO.** 1010 00      **PAGE** 468

**i 911**

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	<b>4758 10 04</b>	10





**SCHUKO socket outlet with hinged cover**

- enhanced contact protection



Rated voltage 250 V~  
Rated current 16 A

Degree of protection IP44 is provided only with sealing set order no. 1010 00.

- with imprint
- with plug-in terminals

**SUITABLE FOR**  
Sealing set for Arsys IP44 devices

**ORDER NO.** 1010 00  
**PAGE** 468

**i 911**



DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	<b>4758 30 04</b>	10



**SCHUKO socket outlet with hinged cover**

- Labelling field



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.  
Degree of protection IP44 is provided only with sealing set order no. 1010 00.

- with imprint
- with plug-in terminals

**SUITABLE FOR**  
Sealing set for Arsys IP44 devices

**ORDER NO.** 1010 00  
**PAGE** 468

**i 911**



DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	<b>4758 20 04</b>	10

**SCHUKO socket outlets with safety device**



**SCHUKO socket outlet with overvoltage protection**

- Labelling field  
- Screw terminals



Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.  
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal

**i 940**



DESIGN	ORDER NO.	PU
white glossy	<b>4152 00 02</b>	1
polar white glossy	<b>4152 00 69</b>	1
brown glossy	<b>4152 00 01</b>	1
stainless steel matt, lacquered	<b>4152 90 04</b>	1

**SCHUKO socket outlets for special applications**



**SCHUKO socket outlet**

Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.

- with plug-in terminals

**i 911**



DESIGN	ORDER NO.	PU
red glossy	<b>4715 00 62</b>	10



Arsys



**SCHUKO socket outlet with imprint**

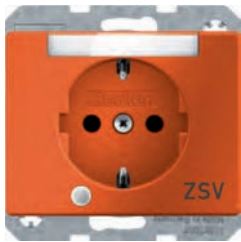
Rated voltage 250 V~ ■ with plug-in terminals  
Rated current 16 A

Insert colour-coded.  
Labelling field height designed for 6 mm P-touch strips.

**i 911**



DESIGN	ORDER NO.	PU
red glossy, Imprint "EDV"	<b>4715 00 82</b>	10
green glossy, Imprint "SV"	<b>4715 00 73</b>	10
orange glossy, Imprint "ZSV"	<b>4715 00 77</b>	10



**SCHUKO socket outlet with control LED and imprint**

- Labelling field ■ with screw-in lift terminals
- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.  
Labelling field height arranged for P-touch strips 6 mm.  
Execution SV, ZSV to according to VDE 0100-710

**i 911**



DESIGN	ORDER NO.	PU
red glossy, Imprint "EDV"	<b>4110 00 82</b>	10
green glossy, Imprint "SV"	<b>4110 00 73</b>	10
orange glossy, Imprint "ZSV"	<b>4110 00 77</b>	10

**INTERNATIONAL SOCKET OUTLET SYSTEMS**

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

**Socket outlets without earthing contact**



**Socket outlet without earthing contact**

- Screw terminals ■ without spreader claws
- 2pole
- with screw terminals

Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 8 mm

**i 911**



DESIGN	ORDER NO.	PU
white glossy	<b>61 6115 00 02</b>	10
polar white glossy	<b>61 6115 00 69</b>	10
brown glossy	<b>61 6115 00 01</b>	10
light bronze matt, aluminium lacquered	<b>61 6114 00 01</b>	10
Stainless steel, metal matt finish	<b>61 6114 00 04</b>	10



**Socket outlet without earthing contact EURO-AMERICAN STANDARD**

- Screw terminals



- 2pole
- with screw terminals

Rated voltage 125 V~  
Rated current 15 A

Only for Asia.

DESIGN	ORDER NO.	PU
white glossy	<b>4170 00 02</b>	10
polar white glossy	<b>4170 00 69</b>	10
brown glossy	<b>4170 00 01</b>	10
light bronze matt, aluminium lacquered	<b>4174 00 01</b>	10
Stainless steel, metal matt finish	<b>4174 00 04</b>	10



**Socket outlet without earthing contact**

- enhanced contact protection

- Screw terminals



- without spreader claws
- 2pole
- with screw terminals

**i 911**

Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 8 mm

DESIGN	ORDER NO.	PU
white glossy	<b>61 6115 01 02</b>	10
polar white glossy	<b>61 6115 01 69</b>	10
brown glossy	<b>61 6115 01 01</b>	10
light bronze matt, aluminium lacquered	<b>61 6114 01 01</b>	10
Stainless steel, metal matt finish	<b>61 6114 01 04</b>	10



**Socket outlets with earthing pin**



**Socket outlet with earthing pin**

- enhanced contact protection



- 2pole + earth
- with plug-in terminals

**i 911**

Rated voltage 250 V~  
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	<b>67 6875 00 02</b>	10
polar white glossy	<b>67 6875 00 69</b>	10
brown glossy	<b>67 6875 00 01</b>	1
light bronze matt, aluminium lacquered	<b>67 6874 00 01</b>	10
Stainless steel, metal matt finish	<b>67 6874 00 04</b>	10



Arsys



**Socket outlet with earthing pin**

- enhanced contact protection
- Screw-in lift terminals



- 2pole + earth
- with screw-in lift terminals

**i 911**

Rated voltage 250 V~  
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	<b>67 6575 00 02</b>	10
polar white glossy	<b>67 6575 00 69</b>	10
brown glossy	<b>67 6575 00 01</b>	10
light bronze matt, aluminium lacquered	<b>67 6574 00 01</b>	10
Stainless steel, metal matt finish	<b>67 6574 00 04</b>	10



**Socket outlet with earthing pin and LED orientation light**

- enhanced contact protection
- Screw-in lift terminals



- additional benefit by combination of a socket outlet with an orientation light
- 2pole + earth
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- through-wiring possible, therefore also ideal for retrofitting
- long service life of the LED
- white LED light
- with screw-in lift terminals

**i 911**

Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A  
Power consumption 0,25 W/0,35 VA  
Switch-off brightness ca. 4 lx  
Light intensity (white) 0.2 cd  
Switch-on brightness ca. 2 lx  
Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>

Caution!  
Items with special flush-mounted insert.  
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

DESIGN	ORDER NO.	PU
white glossy	<b>67 6510 00 02</b>	10
polar white glossy	<b>67 6510 00 69</b>	10
light bronze, lacquered	<b>67 6510 90 11</b>	10
stainless steel, lacquered	<b>67 6510 90 04</b>	10



**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection
- Screw-in lift terminals



- 2pole + earth
- with screw-in lift terminals

**i 911**

Rated voltage 250 V~  
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	<b>67 6509 00 02</b>	10
polar white glossy	<b>67 6509 00 69</b>	10





**Socket outlets with earthing pin for special applications**



**Socket outlet with earthing pin**  
- enhanced contact protection



Rated voltage 250 V~  
Rated current 16 A

- 2pole + earth
- with plug-in terminals

**i 911**

Insert colour-coded.



DESIGN	ORDER NO.	PU
red glossy	<b>67 6875 00 62</b>	10
green glossy	<b>67 6875 00 63</b>	10



**Socket outlet with earthing pin**  
- enhanced contact protection  
- Screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A

- 2pole + earth
- with screw-in lift terminals

**i 911**

Insert colour-coded.



DESIGN	ORDER NO.	PU
red glossy	<b>67 6575 00 62</b>	10
green glossy	<b>67 6575 00 63</b>	10



**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A

- 2pole + earth
- with screw-in lift terminals

**i 911**

DESIGN	ORDER NO.	PU
red glossy	<b>67 6509 00 82</b>	10
green glossy	<b>67 6509 00 73</b>	10
orange glossy	<b>67 6509 00 77</b>	10



**British Standard socket outlets**



**Socket outlet with earthing contact BRITISH STANDARD, can be switched off**

- enhanced contact protection
- Screw terminals



Rated voltage 250 V~  
Rated current 13 A

- without neon lamp
- without spreader claws
- 2pole + earth
- with screw terminals

**i 911**

Equates to standard BS 1363: Part 2.  
Not for UK.  
For installation in standard wall boxes according to according to DIN 49073-1

DESIGN	ORDER NO.	PU
white glossy	<b># 6347 00 02</b>	10
polar white glossy	<b># 6347 00 69</b>	10
brown glossy	<b># 6347 00 01</b>	10
light bronze matt, lacquered	<b># 6347 90 11</b>	10
stainless steel matt, lacquered	<b># 6347 90 04</b>	10



Arsys



**Socket outlet insert with earthing contact  
BRITISH STANDARD, can be switched off**

- enhanced contact protection
- Screw terminals



Rated voltage  
Rated current

250 V~  
13 A

- without spreader claws
- 2pole + earth
- with screw terminals

**SUITABLE FOR**

Centre plate for socket outlets, British Standard, can be switched off

**ORDER NO.**

33 1307 ..

**PAGE**

442

DESIGN	ORDER NO.	PU
white glossy	★ 3342 02 12	10
polar white glossy	★ 3342 02 19	10
anthracite matt	★ 3342 02 16	10
brown glossy	★ 3342 02 11	10



**Centre plate for socket outlets, British Standard, can be switched off**

**SUITABLE FOR**

Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

**ORDER NO.**

3342 02 ..

**PAGE**

202

DESIGN	ORDER NO.	PU
white glossy	★ 33 1307 00 02	10
polar white glossy	★ 33 1307 00 69	10

**NEMA-socket outlets**



**Socket outlet with earthing contact USA/  
CANADA NEMA 5-15 R**

- Screw terminals



Rated voltage  
Rated current

125 V~  
15 A

- without spreader claws
- 2pole + earth
- with screw terminals

**i 911**

Not UL-certified.  
Standard NEMA 5-15 R

DESIGN	ORDER NO.	PU
white glossy	4167 00 02	10
polar white glossy	4167 00 69	10
light bronze matt, lacquered	4167 90 11	10
stainless steel matt, lacquered	4167 90 04	10



**Socket outlet with earthing contact USA/  
CANADA NEMA 5-20 R**

- Screw terminals



Rated voltage  
Rated current

125 V~  
20 A

- without spreader claws
- 2pole + earth
- with screw terminals

**i 911**

Not UL-certified.  
Standard NEMA 5-20 R

DESIGN	ORDER NO.	PU
white glossy	4169 00 02	10
polar white glossy	4169 00 69	10
light bronze matt, lacquered	4169 90 11	10
stainless steel matt, lacquered	4169 90 04	10



**COVERS FOR SWITCHES/PUSH-BUTTONS**

**Rockers**



**Rocker**

- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
white glossy	<b>1405 00 02</b>	10
polar white glossy	<b>1405 00 69</b>	10
brown glossy	<b>1405 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1404 00 01</b>	10
Stainless steel, metal matt finish	<b>1404 00 04</b>	10
gold matt, aluminium anodised	<b>1404 00 02</b>	10



**Rocker screw-on**

- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	<b>1404 00 10</b>	10



**Rocker with imprint "IP44"**

Not suitable for push-button (KNX) and group push-buttons (KNX).  
Degree of protection IP44 is provided only with sealing set order no. 1010 00.

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
Sealing set for Arsys IP44 devices	1010 00	468

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	<b>1424 10 04</b>	10



**Rocker**

**- Labelling field**



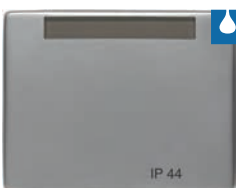
For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
white glossy	<b>1426 00 02</b>	10
polar white glossy	<b>1426 00 69</b>	10
brown glossy	<b>1426 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1436 00 01</b>	10
Stainless steel, metal matt finish	<b>1436 00 04</b>	10
gold matt, aluminium anodised	<b>1436 00 02</b>	10



**Rocker with imprint "IP44"**

**- Labelling field**



Not suitable for push-button (KNX) and group push-buttons (KNX).

Labelling field height designed for 6 mm P-touch strips.  
Degree of protection IP44 is provided only with sealing set order no. 1010 00.

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
Sealing set for Arsys IP44 devices	1010 00	468

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	<b>1436 10 04</b>	10





**Rocker**

**- Full-surface labelling field**



For labelling with names, notes etc.

Labelling field height designed for two 24 mm P-touch strips.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

**SUITABLE FOR**

Rocker switch  
Rocker push-button

**ORDER NO.**

**PAGE**

page 22  
page 22

DESIGN

clear, with white labelling field

ORDER NO.

**1487 00**

PU

10



**Rocker**

**- Lens**



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

**SUITABLE FOR**

Rocker switch  
Rocker push-button

**ORDER NO.**

**PAGE**

page 22  
page 22

DESIGN

white glossy  
polar white glossy  
brown glossy  
light bronze matt, aluminium lacquered  
Stainless steel, metal matt finish  
gold matt, aluminium anodised

ORDER NO.

**1415 00 02**  
**1415 00 69**  
**1415 00 01**  
**1416 00 01**  
**1416 00 04**  
**1416 00 02**

PU

10  
10  
10  
10  
10  
10



**Rocker screw-on**

**- Lens**



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- with cover plug for screw fitting

**SUITABLE FOR**

Rocker switch  
Rocker push-button

**ORDER NO.**

**PAGE**

page 22  
page 22

DESIGN

Stainless steel, metal matt finish

ORDER NO.

**1414 00 10**

PU

10



**Rocker**

**- Labelling field**

**- Lens**



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

**SUITABLE FOR**

Rocker switch  
Rocker push-button

**ORDER NO.**

**PAGE**

page 22  
page 22

DESIGN

white glossy  
polar white glossy  
brown glossy  
light bronze matt, aluminium lacquered  
Stainless steel, metal matt finish

ORDER NO.

**1415 02 02**  
**1415 02 69**  
**1415 02 01**  
**1416 02 01**  
**1416 02 04**

PU

10  
10  
10  
10  
10

**Rockers for multi-pole rocker switches**



**Rocker with imprint "0"**

DESIGN	ORDER NO.	PU
white glossy	<b>1425 00 02</b>	10
polar white glossy	<b>1425 00 69</b>	10
brown glossy	<b>1425 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1424 00 01</b>	10
Stainless steel, metal matt finish	<b>1424 00 04</b>	10
gold matt, aluminium anodised	<b>1424 00 02</b>	10

**SUITABLE FOR**  
Multi-pole rocker switches

**ORDER NO.**    **PAGE**  
page 28



**Rocker with imprint "0"**

**- Red lens**



DESIGN	ORDER NO.	PU
white glossy	<b>1417 00 02</b>	10
polar white glossy	<b>1417 00 69</b>	10
brown glossy	<b>1417 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1418 00 01</b>	10
Stainless steel, metal matt finish	<b>1418 00 04</b>	10
gold matt, aluminium anodised	<b>1418 00 02</b>	10

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

**SUITABLE FOR**  
Group push-button 1gang

**ORDER NO.**    **PAGE**  
7514 11 00    811

**Multiple Rockers**



**Rocker 2gang**

DESIGN	ORDER NO.	PU
white glossy	<b>1435 00 02</b>	10
polar white glossy	<b>1435 00 69</b>	10
brown glossy	<b>1435 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1434 00 01</b>	10
Stainless steel, metal matt finish	<b>1434 00 04</b>	10
gold matt, aluminium anodised	<b>1434 00 02</b>	10

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

**SUITABLE FOR**  
Rocker switch, 2gang  
Series push-button

**ORDER NO.**    **PAGE**  
page 30  
page 30



**Rocker 2gang**

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	<b>1434 00 10</b>	10

- with cover plug for screw fitting

**SUITABLE FOR**  
Rocker switch, 2gang  
Series push-button

**ORDER NO.**    **PAGE**  
page 30  
page 30



**Rocker 2gang**

**- Red lens**



DESIGN	ORDER NO.	PU
white glossy	<b>1437 00 02</b>	10
polar white glossy	<b>1437 00 69</b>	10
brown glossy	<b>1437 00 01</b>	10

- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

**SUITABLE FOR**  
Rocker switch, 2gang  
Series push-button

**ORDER NO.**    **PAGE**  
page 30  
page 30





**Rocker 3gang**

	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
	On/off switch 3gang	6330 23	33
DESIGN	ORDER NO.		PU
white glossy	<b>1465 00 02</b>		10
polar white glossy	<b>1465 00 69</b>		10
brown glossy	<b>1465 00 01</b>		10
light bronze matt, lacquered	<b>1465 90 11</b>		10
stainless steel matt, lacquered	<b>1465 90 04</b>		10

**Centre plates for pullcord switches/pullcord push-buttons**



**Centre plate for pullcord switch/pullcord push-button**

	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
	Pullcord switches/pullcord push-buttons		page 33
DESIGN	ORDER NO.		PU
white glossy	<b>1147 00 02</b>		10
polar white glossy	<b>1147 00 69</b>		10
brown glossy	<b>1147 00 01</b>		10
light bronze matt, lacquered	<b>1147 90 11</b>		10
stainless steel matt, lacquered	<b>1147 90 04</b>		10

**Centre plates for key switches/key push-buttons**



**Centre plate for key switch/key push-button**

■ for master-key systems

	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
	Lock cylinder	1818 ..	79
	Change-over switch 2pole for lock cylinders	3826 10	35
	Push-button for lock cylinder	3856 20	35
DESIGN	ORDER NO.		PU
white glossy	<b>1505 00 12</b>		10
polar white glossy	<b>1505 00 79</b>		10
brown glossy	<b>1505 00 11</b>		10
light bronze matt, lacquered	<b>1505 90 21</b>		10
stainless steel matt, lacquered	<b>1505 90 14</b>		10

**Centre plates for protection switches**



**50 x 50 mm centre plate for RCD protection switch**

Caution!  
Use only with intermediate ring for 50 x 50 mm centre plate from the corresponding range.

	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
	Residual current circuit-breaker	2844	36
DESIGN	ORDER NO.		PU
white glossy	<b>1493 02</b>		1
polar white glossy	<b>1493 09</b>		1
brown glossy	<b>1493 01</b>		1
light bronze matt, lacquered	<b>1493 11</b>		1
stainless steel matt, lacquered	<b>1493 04</b>		1

**TIMERS**

**Centre plates for mechanical timer**



**Centre plate for mechanical timer**

DESIGN

**with time scale 15 min**

DESIGN	SUITABLE FOR	ORDER NO.	PAGE
white glossy	Mechanical time switches	<b>1634 00 02</b>	page 37
polar white glossy		<b>1634 00 69</b>	
brown glossy		<b>1634 00 01</b>	
light bronze matt, aluminium lacquered		<b>1634 01 01</b>	
Stainless steel, metal matt finish		<b>1634 01 04</b>	
gold/polar white, matt/glossy, aluminium anodised		<b>1634 01 02</b>	

**with time scale 120 min**

white glossy		<b>1635 00 02</b>	1
polar white glossy		<b>1635 00 69</b>	1
brown glossy		<b>1635 00 01</b>	1
light bronze matt, aluminium lacquered		<b>1635 01 01</b>	1
Stainless steel, metal matt finish		<b>1635 01 04</b>	1
gold/polar white, matt/glossy, aluminium anodised		<b>1635 01 02</b>	1



**Timer comfort for sensors**

**- Display**



- after charging, the timer can also be programmed when removed.
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	39
<b>optional</b>		
RolloTec brightness sensor	169	128
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129

**i 912**

DESIGN

DESIGN	ORDER NO.	PU
white glossy	<b>1738 00 02</b>	1
polar white glossy	<b>1738 00 69</b>	1
brown glossy	<b>1738 00 01</b>	1
light bronze matt, lacquered	<b>1738 90 11</b>	1
stainless steel matt, lacquered	<b>1738 90 04</b>	1



**Timer comfort**

**- Display**



- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	39

**i 912**

DESIGN

DESIGN	ORDER NO.	PU
white glossy	<b>1736 00 02</b>	1
polar white glossy	<b>1736 00 69</b>	1
brown glossy	<b>1736 00 01</b>	1
light bronze matt, lacquered	<b>1736 90 11</b>	1
stainless steel matt, lacquered	<b>1736 90 04</b>	1



Arsys



**Timer Easy**

**- Display**



- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Insert for timer	2948	39

**i 912**

DESIGN	ORDER NO.	PU
white glossy	<b>1735 00 02</b>	1
polar white glossy	<b>1735 00 69</b>	1
brown glossy	<b>1735 00 01</b>	1
light bronze matt, lacquered	<b>1735 90 11</b>	1
stainless steel matt, lacquered	<b>1735 90 04</b>	1



**COVERS FOR DIMMERS**

**Centre plates for rotary dimmers**



**Centre plate for rotary dimmer**

**- Setting knob**



Axis dimension Ø

4 mm

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Rotary dimmers Rotary potentiometer DALI 1-10 V Rotary potentiometer		page 42 page 46 page 47

DESIGN	ORDER NO.	PU
white glossy	<b>1135 00 02</b>	10
polar white glossy	<b>1135 00 69</b>	10
brown glossy	<b>1135 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1134 00 01</b>	10
Stainless steel, metal matt finish	<b>1134 00 04</b>	10
gold matt, aluminium anodised	<b>1134 00 02</b>	10

**Push-buttons**



**Button for universal series touch dimmer**

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Universal series touch dimmer (R, L, C)	2901	49

**i 915**

DESIGN	ORDER NO.	PU
white glossy	<b>1765 00 02</b>	1
polar white glossy	<b>1765 00 69</b>	1
brown glossy	<b>1765 00 01</b>	1
light bronze matt, aluminium lacquered	<b>1765 00 11</b>	1
Stainless steel, metal matt finish	<b>1765 00 04</b>	1
gold matt, aluminium anodised	<b>1765 00 12</b>	1





**BLC - BERKER LIGHT CONTROL**

**BLC push-buttons**



**BLC push-button**

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit	2907	59

**i 917**

DESIGN	ORDER NO.	PU
white glossy	<b>1761 00 02</b>	1
polar white glossy	<b>1761 00 69</b>	1
brown glossy	<b>1761 00 01</b>	1
light bronze matt, aluminium lacquered	<b>1761 00 11</b>	1
Stainless steel, metal matt finish	<b>1761 00 04</b>	1
gold matt, aluminium anodised	<b>1761 00 12</b>	1



**BLC controller**



**BLC controller comfort 1.1 m**

Detection angle	180 °	■ with slide switch for OFF/automatic/ON
Delay time, adjustable	≈ 10 s ... 30 min	■ with teach function for response brightness
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)	■ step operation with immunity time (e.g. for bell)
		■ with cover to limit detection angle to 90°

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 920**

DESIGN	ORDER NO.	PU
<b>Nominal mounting height 1.1 m</b>		
white glossy	<b>1784 00 02</b>	1
polar white glossy	<b>1784 00 69</b>	1
light bronze matt, lacquered	<b>1784 90 11</b>	1
stainless steel matt, lacquered	<b>1784 90 04</b>	1
brown glossy	<b>1784 00 01</b>	1



Arsys



**BLC IR controller comfort 2.2 m with hand-held transmitter**

Detection angle 180 °  
Delay time, adjustable ≈ 10 s ... 60 min

**Scope of delivery:**  
- BLC IR controller comfort  
- IR hand-held transmitter

- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- with detection and IR receiver LED red, and IR confirmation LED green
- with teach function for response brightness
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode



SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 921**

DESIGN	ORDER NO.	PU
<b>Nominal mounting height 2.2 m</b>		
white glossy	<b>1789 00 02</b>	1
polar white glossy	<b>1789 00 69</b>	1
light bronze matt, lacquered	<b>1789 90 11</b>	1
stainless steel matt, lacquered	<b>1789 00 04</b>	1



**BLC controller**

Detection angle 180 °  
Delay time ≈ 2 min  
Response brightness, adjustable ≈ 0 ... 80 lx, ∞ lx (day)

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 55
BLC dimmers		page 58
BLC insert for timer	2934 10	58
BLC extension unit for motion detector	2908	92

**i 920**

DESIGN	ORDER NO.	PU
<b>Nominal mounting height 1.1 m</b>		
white glossy <sup>1)</sup>	<b>1783 00 02</b>	1
polar white glossy <sup>1)</sup>	<b>1783 00 69</b>	1
brown glossy <sup>1)</sup>	<b>1783 00 01</b>	1
light bronze matt, lacquered <sup>1)</sup>	<b>1783 90 11</b>	1
stainless steel matt, lacquered <sup>1)</sup>	<b>1783 90 04</b>	1
<b>Nominal mounting height 2.2 m</b>		
white glossy	<b>1788 00 02</b>	1
polar white glossy	<b>1788 00 69</b>	1
light bronze matt, lacquered	<b>1788 90 11</b>	1
stainless steel matt, lacquered	<b>1788 00 04</b>	1



<sup>1)</sup>with cover to limit detection angle to 90°

**COVERS FOR BLIND SWITCHES/PUSH-BUTTONS**

**Rockers with imprint**



**Rocker 2gang with imprinted arrow symbol**

■ also for KNX applications: push-button, 2gang

	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
	Switch / push-button for blinds		page 112
	Push-button 2gang	7514 20 00	820
DESIGN	ORDER NO.		PU
white glossy	<b>1435 01 02</b>		10
polar white glossy	<b>1435 01 69</b>		10
brown glossy	<b>1435 01 01</b>		10
light bronze matt, aluminium lacquered	<b>1434 01 01</b>		10
Stainless steel, metal matt finish	<b>1434 01 04</b>		10
gold matt, aluminium anodised	<b>1434 01 02</b>		10



**Rocker 2gang with imprinted arrows symbol**

■ also for KNX applications: group push-button, 2gang

	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
	Group series push-button, 4 NO contacts, common input terminal	5034 04	31
	Group push-button 2gang	7514 21 00	821
DESIGN	ORDER NO.		PU
white glossy	<b>1435 03 02</b>		10
polar white glossy	<b>1435 03 69</b>		10
brown glossy	<b>1435 03 01</b>		10
light bronze matt, aluminium lacquered	<b>1434 03 01</b>		10
Stainless steel, metal matt finish	<b>1434 03 04</b>		10
gold matt, aluminium anodised	<b>1434 03 02</b>		10

**Centre plates for rotary switches for blinds**



**Centre plate with rotary knob for rotary switch for blinds**

■ with imprint

	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
	Rotary switch for blinds		page 114
	<b>optional</b> Interlock disk for rotary switch for blinds	1861	115
DESIGN	ORDER NO.		PU
white glossy	<b>1077 00 02</b>		1
polar white glossy	<b>1077 00 69</b>		1
brown glossy	<b>1077 00 01</b>		1
light bronze matt, aluminium lacquered	<b>1077 01 01</b>		1
Stainless steel, metal matt finish	<b>1077 01 04</b>		1
gold/polar white, matt/glossy, aluminium anodised	<b>1077 01 02</b>		1



**Centre plates for key switches/key push-buttons for blinds**



**Centre plate with lock and push lock function for switch for blinds**

- Key can be removed in 0 position



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole for centre plate with lock	3852	115
Switch for blinds 1pole for centre plate with lock	3851	115

DESIGN	ORDER NO.	PU
white glossy	<b>1079 00 02</b>	1
polar white glossy	<b>1079 00 69</b>	1
brown glossy	<b>1079 00 01</b>	1
light bronze matt, aluminium lacquered	<b>1079 03 01</b>	1
Stainless steel, metal matt finish	<b>1079 03 04</b>	1
gold/polar white, matt/glossy, aluminium anodised	<b>1079 03 02</b>	1



**Centre plate with lock and push lock function for switch for blinds**

- Key can be removed in 3 positions



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole for centre plate with lock	3852	115
Switch for blinds 1pole for centre plate with lock	3851	115

DESIGN	ORDER NO.	PU
white glossy	<b>1079 01 02</b>	1
polar white glossy	<b>1079 01 69</b>	1
brown glossy	<b>1079 01 01</b>	1
light bronze matt, aluminium lacquered	<b>1079 04 01</b>	1
Stainless steel, metal matt finish	<b>1079 04 04</b>	1
gold/polar white, matt/glossy, aluminium anodised	<b>1079 04 02</b>	1



**Centre plate with lock and touch function for switch for blinds**

- Key can be removed in 0 position



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

DESIGN	ORDER NO.	PU
white glossy	<b>1079 02 02</b>	1
polar white glossy	<b>1079 02 69</b>	1
brown glossy	<b>1079 02 01</b>	1
light bronze matt, aluminium lacquered	<b>1079 05 01</b>	1
Stainless steel, metal matt finish	<b>1079 05 04</b>	1
gold/polar white, matt/glossy, aluminium anodised	<b>1079 05 02</b>	1



**Centre plate for key push-button for blinds/key switch**

- with imprint
- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Push-button for blinds 1pole for lock cylinder	3831 10	118
Lock cylinder	1818 ..	79
Switch for blinds 2pole for lock cylinder	3822 10	118
Push-button for blinds 2pole for lock cylinder	3832 10	118

DESIGN	ORDER NO.	PU
white glossy	<b>1504 00 12</b>	10
polar white glossy	<b>1504 00 79</b>	10
brown glossy	<b>1504 00 11</b>	10
light bronze matt, lacquered	<b>1504 90 21</b>	10
stainless steel matt, lacquered	<b>1504 90 14</b>	10

**ROLLOTEC**

**RolloTec buttons**



**RolloTec button comfort for sensors**

- only for sensor connection to terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor	169	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor surface-mounted	184	129

**i 944**

DESIGN	ORDER NO.	PU
white glossy	<b>1771 00 12</b>	04 1
polar white glossy	<b>1771 00 79</b>	04 1
brown glossy	<b>1771 00 11</b>	04 1
light bronze matt, aluminium lacquered	<b>1771 90 21</b>	04 1
Stainless steel, metal matt finish	<b>1771 90 14</b>	04 1
gold matt, aluminium anodised	<b>1771 90 12</b>	04 1



**RolloTec button comfort**

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121

**i 944**

DESIGN	ORDER NO.	PU
white glossy	<b>1770 00 12</b>	1
polar white glossy	<b>1770 00 79</b>	1
brown glossy	<b>1770 00 11</b>	1
light bronze matt, aluminium lacquered	<b>1770 90 21</b>	1
Stainless steel, metal matt finish	<b>1770 90 14</b>	1
gold matt, aluminium anodised	<b>1770 90 12</b>	1





**RolloTec memory button for sensors**

■ only for sensor connection to terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor	169	128

**i 944**

DESIGN	ORDER NO.	PU
white glossy	<b>1757 00 12</b>	1
polar white glossy	<b>1757 00 79</b>	1
brown glossy	<b>1757 00 11</b>	1
light bronze matt, aluminium lacquered	<b>1757 90 21</b>	1
Stainless steel, metal matt finish	<b>1757 90 14</b>	1
gold matt, aluminium anodised	<b>1757 90 12</b>	1



**RolloTec memory button**

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121

**i 944**

DESIGN	ORDER NO.	PU
white glossy	<b>1756 00 12</b>	1
polar white glossy	<b>1756 00 79</b>	1
brown glossy	<b>1756 00 11</b>	1
light bronze matt, aluminium lacquered	<b>1756 90 21</b>	1
Stainless steel, metal matt finish	<b>1756 90 14</b>	1
gold matt, aluminium anodised	<b>1756 90 12</b>	1



**RolloTec time switches**



**RolloTec comfort time switch for sensors**

**- Display**



- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121
<b>optional</b>		
RolloTec brightness sensor	169	128
RolloTec glass breakage sensor	170	129
RolloTec adapter for sensors	171	130
RolloTec brightness sensor surface-mounted	184	129
Magnetic contact	9251 0 ..	130

**i 948**

DESIGN	ORDER NO.	PU
white glossy	<b>1775 00 02</b>	1
polar white glossy	<b>1775 00 69</b>	1
brown glossy	<b>1775 00 01</b>	1
light bronze matt, lacquered	<b>1775 90 11</b>	1
stainless steel matt, lacquered	<b>1775 90 04</b>	1



**RolloTec comfort time switch**

**- Display**



- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 121

**i 948**

DESIGN	ORDER NO.	PU
white glossy	<b>1774 00 02</b>	1
polar white glossy	<b>1774 00 69</b>	1
brown glossy	<b>1774 00 01</b>	1
light bronze matt, lacquered	<b>1774 90 11</b>	1
stainless steel matt, lacquered	<b>1774 90 04</b>	1



Arsys



### RolloTec easy time switch

#### - Display



- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

**SUITABLE FOR**  
RolloTec inserts

**ORDER NO.**      **PAGE**  
page 121

**i** 948

DESIGN	ORDER NO.	PU
white glossy	<b>1762 00 02</b>	1
polar white glossy	<b>1762 00 69</b>	1
brown glossy	<b>1762 00 01</b>	1
light bronze matt, lacquered	<b>1762 90 11</b>	1
stainless steel matt, lacquered	<b>1762 90 04</b>	1



## HVAC CONTROLLERS AND COVERS

### Thermostat



### Thermostat, NO contact, with centre plate

#### - Time-controlled



Rated voltage                              230 V~  
 Frequency                                    50 Hz  
 Power consumption                        ≈ 1.2 W  
 Lithium cell power reserve [years]     ≈ 10

- for floor heating, control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

**SUITABLE FOR**  
Valve drive 230 V  
**optional**  
Temperature sensor

**ORDER NO.**      **PAGE**  
7590 00 76            144  
161                      152

**i** 942

DESIGN	ORDER NO.	PU
white glossy	<b>2044 00 02</b>	1
polar white glossy	<b>2044 00 69</b>	1
brown glossy	<b>2044 00 01</b>	1
light bronze, lacquered	<b>2044 90 11</b>	1
stainless steel matt, lacquered	<b>2044 90 04</b>	1



### Thermostat, NO contact, with centre plate, for underfloor heating

#### - Rocker switch - External temperature sensor



Rated voltage                              250 V~  
 Frequency                                    50/60 Hz

**SUITABLE FOR**  
Centre plate for thermostat for under-floor heating  
Valve drive 230 V  
**replacement**  
Temperature sensor

**ORDER NO.**      **PAGE**  
1672 ..                142  
7590 00 76            144  
161                      152

**i** 941

DESIGN	ORDER NO.	PU
white glossy	<b>2034 00 02</b>	1
polar white glossy	<b>2034 00 69</b>	1
brown glossy	<b>2034 00 01</b>	1
light bronze matt, lacquered	<b>2034 90 11</b>	1
stainless steel matt, lacquered	<b>2034 90 04</b>	1







**Temperature controller, change-over contact, with centre plate**

Rated voltage 250 V~ ■ for heating or cooling mode  
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1670 ..	142
Valve drive 230 V	7590 00 76	144

**i 941**

DESIGN	ORDER NO.	PU
white glossy	<b>2026 00 02</b>	1
polar white glossy	<b>2026 00 69</b>	1
brown glossy	<b>2026 00 01</b>	1
light bronze matt, lacquered	<b>2026 90 11</b>	1
stainless steel matt, lacquered	<b>2026 90 04</b>	1



**Temperature controller, NC contact, with centre plate**

**- Rocker switch**



Rated voltage 250 V~  
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 ..	143
Valve drive 230 V	7590 00 76	144

**i 941**

DESIGN	ORDER NO.	PU
white glossy	<b>2030 00 02</b>	1
polar white glossy	<b>2030 00 69</b>	1
brown glossy	<b>2030 00 01</b>	1
light bronze matt, lacquered	<b>2030 90 11</b>	1
stainless steel matt, lacquered	<b>2030 90 04</b>	1



**Temperature controller, NC contact, with centre plate, 24 V AC/DC**

**- Rocker switch**



Rated voltage 24 V~/24 V=  
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 ..	143
Valve drive 24 V AC/DC	7590 00 77	144

**i 941**

DESIGN	ORDER NO.	PU
white glossy	<b>2031 00 02</b>	1
polar white glossy	<b>2031 00 69</b>	1
brown glossy	<b>2031 00 01</b>	1
light bronze matt, lacquered	<b>2031 90 11</b>	1
stainless steel matt, lacquered	<b>2031 90 04</b>	1



**Centre plate for thermostat for underfloor heating**

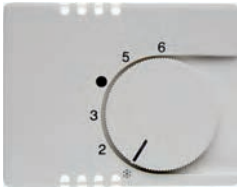
**- Rocker**  
**- Setting knob**



SUITABLE FOR	ORDER NO.	PAGE
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	138

DESIGN	ORDER NO.	PU
white glossy	<b>1672 00 02</b>	1
polar white glossy	<b>1672 00 69</b>	1
brown glossy	<b>1672 00 01</b>	1
light bronze matt, lacquered	<b>1672 90 11</b>	1
stainless steel matt, lacquered	<b>1672 90 04</b>	1





**Centre plate for thermostat**

**- Setting knob**



SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, change-over contact, with centre plate	2026 ..	139

DESIGN	ORDER NO.	PU
white glossy	<b>1670 00 02</b>	1
polar white glossy	<b>1670 00 69</b>	1
brown glossy	<b>1670 00 01</b>	1
light bronze matt, lacquered	<b>1670 90 11</b>	1
stainless steel matt, lacquered	<b>1670 90 04</b>	1



**Centre plate for thermostat**

**- Rocker**  
**- Setting knob**



SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, NC contact, with 2030 .. centre plate	2026 ..	140
Temperature controller, NC contact, with 2031 .. centre plate, 24 V AC/DC	2026 ..	141

DESIGN	ORDER NO.	PU
white glossy	<b>1671 00 02</b>	1
polar white glossy	<b>1671 00 69</b>	1
brown glossy	<b>1671 00 01</b>	1
light bronze matt, lacquered	<b>1671 90 11</b>	1
stainless steel matt, lacquered	<b>1671 90 04</b>	1

**Central plates for sensor inserts**



**Central plate for sensor insert**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
Labelling field cannot be used.

SUITABLE FOR	ORDER NO.	PAGE
Sensor insert	7594 10 01	143

DESIGN	ORDER NO.	PU
white glossy	<b>7594 04 02</b>	1
polar white glossy	<b>7594 04 09</b>	1
light bronze matt, lacquered	<b>7594 04 04</b>	1
stainless steel matt, lacquered	<b>7594 04 03</b>	1

**Rockers for heating emergency switches**



**Rocker with imprint "Heizung Notschalter"**

**- Red lens**



- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Or use glass pane-protected heating emergency switch.  
Not suitable for heating systems > 50 kW.

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
red glossy	<b>1488 00 62</b>	10

**Centre plates for emergency switches**

**Centre plate with glass plate**

**- Rocker**



The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: "Notschalter", "Rauchabzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen".

Not suitable for heating systems > 50 kW.

In case of danger break glass and press rocker!

■ also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

**SUITABLE FOR**

Rocker switch  
Rocker push-button

**ORDER NO.**

**PAGE**

page 22  
page 22

DESIGN	ORDER NO.	PU
red glossy	<b>1297 00 00</b>	10

**Centre plates for air conditioner/fan controllers**

**Centre plate with rotary knob for 3-step switch**



**SUITABLE FOR**

3-step switch

**ORDER NO.**

3861 ..

**PAGE**

148

**DESIGN**

**ORDER NO.**

**PU**

**without 0-position, imprint 2-1-3**

white glossy	<b>1088 00 02</b>	1
polar white glossy	<b>1088 00 69</b>	1
brown glossy	<b>1088 00 01</b>	1
light bronze matt, aluminium lacquered	<b>1088 01 01</b>	1
Stainless steel, metal matt finish	<b>1088 01 04</b>	1
gold/polar white, matt/glossy, aluminium anodised	<b>1088 01 02</b>	1

**with 0-position, imprint 0-1-2-3**

white glossy	<b>1087 00 02</b>	1
polar white glossy	<b>1087 00 69</b>	1
brown glossy	<b>1087 00 01</b>	1
light bronze matt, aluminium lacquered	<b>1087 01 01</b>	1
Stainless steel, metal matt finish	<b>1087 01 04</b>	1
gold/polar white, matt/glossy, aluminium anodised	<b>1087 01 02</b>	1



**Centre plate for speed controller**

**- Setting knob**



Axis dimension Ø

4 mm

■ with imprinted symbol curve

**SUITABLE FOR**

Speed controllers

**ORDER NO.**

2968 01

**PAGE**

149

**DESIGN**

**ORDER NO.**

**PU**

white glossy	<b>1135 00 22</b>	10
polar white glossy	<b>1135 00 89</b>	10
brown glossy	<b>1135 00 21</b>	10
light bronze matt, aluminium lacquered	<b>1134 00 21</b>	10
Stainless steel, metal matt finish	<b>1134 00 24</b>	10
gold matt, aluminium anodised	<b>1134 00 22</b>	10



Arsys

**COMMUNICATION/MULTIMEDIA TECHNOLOGY**

■ For information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

**Covers data-/telecommunication**



**Centre plate with TAE cut-out**

■ also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
230 V USB charging socket outlet	2600 0 ..	176
Loudspeaker connection box	4572 ..	177
Stereo loudspeaker connection box	4573 ..	177
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	165
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	165

DESIGN	ORDER NO.	PU
white glossy	<b>1035 01 02</b>	10
polar white glossy	<b>1035 01 69</b>	10
brown glossy	<b>1035 01 01</b>	10
gold matt, aluminium anodised	<b>1034 00 02</b>	10
Stainless steel, metal matt finish	<b>1034 00 04</b>	10
light bronze matt, aluminium lacquered	<b>1034 00 01</b>	10



**Centre plate for FCC socket outlet**

■ for 1gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso  
■ with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 160

DESIGN	ORDER NO.	PU
white glossy	<b>1407 00 02</b>	10
polar white glossy	<b>1407 00 69</b>	10
brown glossy	<b>1407 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1408 00 01</b>	10
Stainless steel, metal matt finish	<b>1408 00 04</b>	10
gold matt, aluminium anodised	<b>1408 00 02</b>	10



**Central plate for FCC socket outlet**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

■ for 1gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso  
■ with 45° oblique outlet  
■ labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 160

DESIGN	ORDER NO.	PU
white glossy	<b>1468 02</b>	10
polar white glossy	<b>1468 09</b>	10
brown glossy	<b>1468 01</b>	10



**Centre plate for FCC socket outlet 2gang**

■ for 2gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso  
■ with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 162

DESIGN	ORDER NO.	PU
white glossy	<b>1409 00 02</b>	10
polar white glossy	<b>1409 00 69</b>	10
brown glossy	<b>1409 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1410 00 01</b>	10
Stainless steel, metal matt finish	<b>1410 00 04</b>	10
gold matt, aluminium anodised	<b>1410 00 02</b>	10



**Central plate for FCC socket outlet 2gang**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- for 2gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet
- labelling field latchable

**SUITABLE FOR** ORDER NO. PAGE  
UAE socket outlets 2gang page 162

DESIGN	ORDER NO.	PU
white glossy	<b>1469 02</b>	10
polar white glossy	<b>1469 09</b>	10
brown glossy	<b>1469 01</b>	10



**Central plate for 3 MINI-COM modules**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- labelling field latchable
- for Mini-Com dummy modules 1gang

**SUITABLE FOR** ORDER NO. PAGE  
Multimedia modules page 624

DESIGN	ORDER NO.	PU
white glossy	<b>1427 02</b>	10
polar white glossy	<b>1427 09</b>	10



**Central plate for Reichle&De-Massari single modules**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

DESIGN	ORDER NO.	PU
white glossy	<b>1472 02</b>	10
polar white glossy	<b>1472 09</b>	10



**Central plate for Reichle&De-Massari double module**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

For 1gang modules, the 1port DIN connection box with straight outlet and centre plate 50 x 50 mm of makes IBM no. 51H8234 or Reichle + De Massari no. R 825857 can be used.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

DESIGN	ORDER NO.	PU
white glossy	<b>1461 02</b>	10
polar white glossy	<b>1461 09</b>	10



**Central plate 2gang for AMP jacks**

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

DESIGN	ORDER NO.	PU
white glossy	<b>1463 02</b>	10
polar white glossy	<b>1463 09</b>	10





**Central plate 2gang for Krone jacks**

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

DESIGN	ORDER NO.	PU
white glossy	<b>1464 02</b>	10
polar white glossy	<b>1464 09</b>	10



**Centre plate with 2 dust protection sliders**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ..., see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
white glossy	<b>1182 00 02</b>	10
polar white glossy	<b>1182 00 69</b>	10
brown glossy	<b>1182 00 01</b>	10
light bronze matt, lacquered	<b>1182 90 11</b>	10
stainless steel matt, lacquered	<b>1182 90 04</b>	10



**Centre plate for AMP-ACO**

**- Labelling field**

Labelling field height arranged for P-touch strips 6 mm.

- cat.5, cat.6 and cat.7

DESIGN	ORDER NO.	PU
white glossy	<b>1177 00 02</b>	10
polar white glossy	<b>1177 00 69</b>	10
brown glossy	<b>1177 00 01</b>	10
light bronze matt, lacquered	<b>1177 90 11</b>	10
stainless steel matt, lacquered	<b>1177 90 04</b>	10

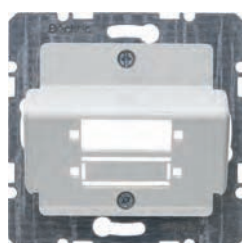


**Central plate for fibre-optic couplings Simplex ST**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

DESIGN	ORDER NO.	PU
white glossy, 2gang	<b>1492 02</b>	10
polar white glossy, 2gang	<b>1492 09</b>	10



**Central plate for fibre-optic couplings Duplex SC**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

DESIGN	ORDER NO.	PU
white glossy	<b>1480 02</b>	10
polar white glossy	<b>1480 09</b>	10

**Covers for aerial sockets**



**Centre plate for aerial socket 2-/3hole**

- with knock out SAT input

DESIGN

gold matt, aluminium anodised	<b>1202 00 02</b>	10
white glossy	<b>1201 01 12</b>	10
polar white glossy	<b>1201 01 79</b>	10
light bronze matt, aluminium lacquered	<b>1202 00 21</b>	10
brown glossy	<b>1201 01 11</b>	10
Stainless steel, metal matt finish	<b>1202 00 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Aerial sockets		page 156

ORDER NO.	PU



**Central plate for aerial socket 4hole (Ankaro)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

DESIGN

white glossy	<b>1484 02</b>	10
polar white glossy	<b>1484 09</b>	10
brown glossy	<b>1484 01</b>	10
light bronze matt, lacquered	<b>1484 11</b>	10
stainless steel matt, lacquered	<b>1484 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Aerial socket 4hole single box	4594	158

ORDER NO.	PU



**Central plate for aerial socket 4hole (Hirschmann)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

DESIGN

white glossy	<b>1483 02</b>	10
polar white glossy	<b>1483 09</b>	10
brown	<b>1483 01</b>	10
light bronze matt, lacquered	<b>1483 11</b>	10
stainless steel matt, lacquered	<b>1483 04</b>	10

ORDER NO.	PU



**Central plate for broadband modem socket (Wisi)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with additional multimedia output
- labelling field latchable

DESIGN

white glossy	# <b>1439 02</b>	10
polar white glossy	# <b>1439 09</b>	10

ORDER NO.	PU

**Central plates for signalling and command units**



**Central plate with installation opening Ø 18.8 mm**

Screw spacing 36 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- with cut-out dia. 18.8 mm
- labelling field latchable

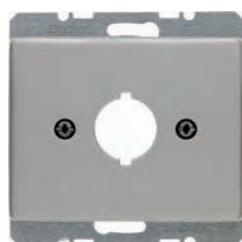
DESIGN

white glossy	<b>1431 02</b>	10
polar white glossy	<b>1431 09</b>	10
stainless steel matt, lacquered	<b>1431 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Built-in socket for floating output	4604 ..	724

ORDER NO.	PU





**Centre plate with installation opening Ø 18.8 mm**

Screw spacing 36 mm ■ with cut-out dia. 18.8 mm

SUITABLE FOR	ORDER NO.	PAGE
Built-in socket for floating output	4604 ..	724
DESIGN	ORDER NO.	PU
light bronze matt, aluminium lacquered	<b>1070 01 01</b>	10
Stainless steel, metal matt finish	<b>1070 01 04</b>	10
gold matt, aluminium anodised	<b>1070 01 02</b>	10



**Central plate with installation opening Ø 22.5 mm**

Screw spacing 36 mm ■ with cut-out dia. 22.5 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

DESIGN	ORDER NO.	PU
white glossy	<b>1432 02</b>	10
polar white glossy	<b>1432 09</b>	10
stainless steel matt, lacquered	<b>1432 04</b>	10
yellow glossy	<b>1432 07</b>	10



**Centre plate with installation opening Ø 22.5 mm**

Screw spacing 36 mm ■ with cut-out dia. 22.5 mm

DESIGN	ORDER NO.	PU
light bronze matt, aluminium lacquered	<b>1071 01 01</b>	10
Stainless steel, metal matt finish	<b>1071 01 04</b>	10
gold matt, aluminium anodised	<b>1071 01 02</b>	10

**Covers Audio**



**Centre plate for loudspeaker socket outlet**

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

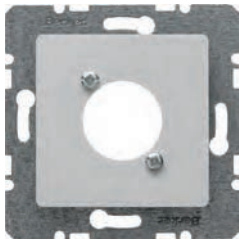
SUITABLE FOR	ORDER NO.	PAGE
Stereo loudspeaker socket outlet	4505 01	178
Entry for small connector	4505	179
Loudspeaker socket outlet High End	4505 02	178
DESIGN	ORDER NO.	PU
white glossy	<b>1185 00 02</b>	10
polar white glossy	<b>1185 00 69</b>	10
brown glossy	<b>1185 00 01</b>	10



**Centre plate for loudspeaker socket outlet**

SUITABLE FOR	ORDER NO.	PAGE
Entry for small connector	4505	179
Stereo loudspeaker socket outlet	4505 01	178
Loudspeaker socket outlet High End	4505 02	178
DESIGN	ORDER NO.	PU
light bronze matt, aluminium lacquered	<b>1184 00 01</b>	10
Stainless steel, metal matt finish	<b>1184 00 04</b>	10
gold matt, aluminium anodised	<b>1184 00 02</b>	10





**Central plate for XLR D-series connector**

Cut-out Ø	23.6 mm	■ speakon and jack connector
Screw spacing (horizontal/vertical)	19/24 mm	■ labelling field latchable

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

DESIGN	ORDER NO.	PU
white glossy	<b>1412 02</b>	10
polar white glossy	<b>1412 09</b>	10

**Video socket outlets**



**VGA socket outlet**

Frequency range video	max. 160 MHz	■ with 15pole D-subminiature double jack
Resolution	max. 1280 x 1024 px	■ S-VGA compatible
		■ with 15pole D-subminiature jack (front)

**i 970**

DESIGN	ORDER NO.	PU
<b>with double jack</b>		
white glossy	<b>33 1540 00 02</b>	10
polar white glossy	<b>33 1540 00 69</b>	10
light bronze matt, lacquered	<b>33 1540 90 11</b>	10
stainless steel matt, lacquered	<b>33 1540 90 04</b>	10
<b>back side, with screw-in lift terminals</b>		
white glossy <sup>1)</sup>	<b>33 1541 00 02</b>	10
polar white glossy <sup>1)</sup>	<b>33 1541 00 69</b>	10
light bronze matt, lacquered <sup>1)</sup>	<b>33 1541 90 11</b>	10
stainless steel matt, lacquered <sup>1)</sup>	<b>33 1541 90 04</b>	10

<sup>1)</sup> for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm<sup>2</sup>



**Multimedia sockets**



**3 x Cinch/S-Video socket outlet**

Frequency range audio	20 ... 20000 Hz	■ gold-plated contacts
Frequency range video	max. 160 MHz	■ 1 cinch double jack for video connection (yellow)
		■ 2 cinch double jacks for audio connection (red, white)
		■ S-Video double jack

**i 973**

DESIGN	ORDER NO.	PU
white glossy	<b>33 1532 00 02</b>	10
polar white glossy	<b>33 1532 00 69</b>	10
light bronze matt, lacquered	<b>33 1532 90 11</b>	10
stainless steel matt, lacquered	<b>33 1532 90 04</b>	10



**High definition socket outlet**

Transmission rate	max. 8.16 Gbit/s	■ gold-plated contacts
Resolution	max. 1920 x 1080 px	■ with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

**i 973**

DESIGN	ORDER NO.	PU
<b>back side, with straight socket</b>		
white glossy	<b>33 1542 00 02</b>	10
polar white glossy	<b>33 1542 00 69</b>	10
light bronze matt, lacquered	<b>33 1542 90 11</b>	10
stainless steel matt, lacquered	<b>33 1542 90 04</b>	10
<b>back side, with 90° angle socket</b>		
white glossy	<b>33 1543 00 02</b>	10
polar white glossy	<b>33 1543 00 69</b>	10
light bronze matt, lacquered	<b>33 1543 90 11</b>	10
stainless steel matt, lacquered	<b>33 1543 90 04</b>	10



Arsys



**USB/3.5 mm audio socket outlet**

USB transmission rate max. 480 Mbit/s  
 Frequency range audio 20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

**i 973**



DESIGN	ORDER NO.	PU
white glossy	<b>33 1539 00 02</b>	10
polar white glossy	<b>33 1539 00 69</b>	10
light bronze matt, lacquered	<b>33 1539 90 11</b>	10
stainless steel matt, lacquered	<b>33 1539 90 04</b>	10

**CONSUMER ELECTRONICS**



**Berker Radio Touch**

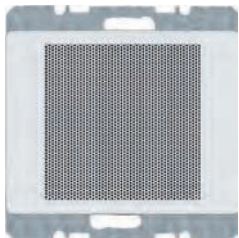
Operating voltage 230 V~  
 Frequency 50/60 Hz  
 Conductor cross-section max. 2.5 mm<sup>2</sup>  
 Dimensions of display (W x H) 35 x 28 mm  
 Insertion depth 33 mm  
 Frequency range 87.5 ... 108 MHz

- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- external audio input, e.g. for MP3 player or docking station
- stereo FM radio with RDS display
- with one loudspeaker
- with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Loudspeaker		page 466
Docking station		page 466



DESIGN	ORDER NO.	PU
polar white glossy	<b>2880 00 69</b>	1
stainless steel matt, lacquered	<b>2880 00 04</b>	1



**Loudspeaker**

Impedance 8 Ω  
 Pre-assembled cable ≈ 0.3 m  
 Conductor cross-section (flexible) 0.75 mm<sup>2</sup>  
 Insertion depth 22.5 mm

- confectioned, with 2-core, double-insulated, flexible cable

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 466
Docking station		page 466



DESIGN	ORDER NO.	PU
polar white glossy	<b>2882 00 69</b>	1
stainless steel matt, lacquered	<b>2882 00 04</b>	1



**Docking station**

Operating voltage 230 V~  
 Frequency 50/60 Hz  
 Output voltage max. 3.5 V  
 Number of loudspeakers (4 Ω) 1  
 Number of loudspeakers (8 Ω) 2  
 Number of loudspeakers (20 Ω) 5  
 Insertion depth 36 mm

- buttons for volume control
- stereo Line-Out for connection to the radio touch
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- with 30pole plug connector for iPod and iPhone\*
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 466
Loudspeaker		page 466

\* iPod and iPhone are registered trademarks of Apple Inc.



DESIGN	ORDER NO.	PU
polar white glossy	<b>2883 00 69</b>	1
stainless steel matt, lacquered	<b>2883 00 14</b>	1

**COVERS FOR PILOT LAMPS**



**Centre plate for push-button/pilot lamp E10**

Cut-out Ø 27.2 mm ■ centre plate for plug-in fixing

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 75
LED lamp E10		page 74
Neon lamp E10		page 75
Push-button/pilot lamp E10, NO contact 5101 ..		68

DESIGN	ORDER NO.	PU
light bronze matt, aluminium lacquered	<b>1165 01 01</b>	10
Stainless steel, metal matt finish	<b>1165 01 04</b>	10
gold matt, aluminium anodised	<b>1165 01 02</b>	10



**Centre plate for push-button/pilot lamp E10**

**- Labelling field**



Cut-out Ø 27.2 mm ■ centre plate for plug-in fixing

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 75
LED lamp E10		page 74
Neon lamp E10		page 75
Push-button/pilot lamp E10, NO contact 5101 ..		68

DESIGN	ORDER NO.	PU
white glossy	<b>1165 00 02</b>	10
polar white glossy	<b>1165 00 69</b>	10
brown glossy	<b>1165 00 01</b>	10



**Centre plate for pilot lamp E14**

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14	5131 02	69

DESIGN	ORDER NO.	PU
white glossy	<b>1167 00 02</b>	10
polar white glossy	<b>1167 00 69</b>	10
brown glossy	<b>1167 00 01</b>	10
stainless steel matt, lacquered	<b>1167 90 04</b>	10
light bronze matt, lacquered	<b>1167 90 11</b>	10



**Cover for push-button/pilot lamp E10**

The mirror image texts on the rear only become visible when the signal is illuminated.  
With 10 labelling fields: "Bitte warten", "Bitte eintreten", "Nicht eintreten", "Bitte Ruhe", "Der Nächste bitte", "Aufzug kommt", symbol arrow, "Besetzt", 2x neutral.

SUITABLE FOR	ORDER NO.	PAGE
Push-button/pilot lamp E10, NO contact 5101 ..		68

DESIGN	ORDER NO.	PU
clear	<b>1247 00 04</b>	10



**Cover for info pilot lamp**

Current consumption 25 mA ■ with clear cover plate  
Power, LED 800 mW ■ with 4 light intensive LEDs  
■ very long LED lifetime

Printed labels supplied: "Nicht eintreten", "Besetzt", "Bitte eintreten", "Bitte Ruhe", "Bitte warten".

SUITABLE FOR	ORDER NO.	PAGE
Cover plate for info pilot lamp	1289 ..	76
Info pilot lamp	2949	71

**i 936**

DESIGN	ORDER NO.	PU
white glossy	<b>1345 00 02</b>	1
polar white glossy	<b>1345 00 69</b>	1
brown glossy	<b>1345 00 01</b>	1
light bronze matt, lacquered	<b>1345 90 11</b>	1
stainless steel matt, lacquered	<b>1345 90 04</b>	1



Arsys

**SUPPLEMENTARY PRODUCTS**



**Sealing set for Arsys IP44 devices**

DESIGN  
Sealing set for Arsys IP44 devices

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO socket outlet with hinged cover 4758 ..		436
Rocker with imprint "IP44"	1424 10 04	443
Rocker with imprint "IP44"	1436 10 04	443

ORDER NO.	PU
<b>1010 00</b>	10



**Sealing ring for wall-tight installation of flush-mounted devices**

When disinfecting smooth walls, the rubber rings prevent detergent from penetrating the installation.

Caution!  
Only suitable for Berker Arsys frames in the appropriate design 1-, 2- or 3gang.

- for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
black, for 1gang frame	<b>1056 00</b>	10
black, for 2gang frame	<b>1057 00</b>	2
black, for 3gang frame	<b>1058 00</b>	2

**Blind plates**



**Blind plug with centre plate**

- on supporting plate without cut-out

DESIGN	ORDER NO.	PU
<b>without spreader claws</b>		
white glossy	<b>1045 00 02</b>	20
polar white glossy	<b>1045 00 69</b>	20
brown glossy	<b>1045 00 01</b>	20
light bronze matt, aluminium lacquered	<b>1044 00 01</b>	20
Stainless steel, metal matt finish	<b>1044 00 04</b>	20
gold matt, aluminium anodised	<b>1044 00 02</b>	20
<b>with base and spreader claws</b>		
white glossy	<b>67 1045 00 02</b>	10
polar white glossy	<b>67 1045 00 69</b>	10
brown glossy	<b>67 1045 00 01</b>	10
light bronze matt, aluminium lacquered	<b>67 1044 00 01</b>	10
Stainless steel, metal matt finish	<b>67 1044 00 04</b>	10



**Blind plug with centre plate, screw-on**

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- for customised cut-outs or holes when installing special solutions
- space-saving for relays, etc.

DESIGN	ORDER NO.	PU
white glossy	<b>1045 01 02</b>	20
polar white glossy	<b>1045 01 69</b>	20
brown glossy	<b>1045 01 01</b>	20





**Centre plate for cable outlet**

SUITABLE FOR	ORDER NO.	PAGE
Cable outlet with low installation depth	4468	173
Cable outlet	4470	173

DESIGN	ORDER NO.	PU
white glossy	<b>1005 00 02</b>	10
polar white glossy	<b>1005 00 69</b>	10
brown glossy	<b>1005 00 01</b>	10
light bronze matt, lacquered	<b>1004 90 11</b>	10
stainless steel matt, lacquered	<b>1004 90 04</b>	10

**Hinged covers**



**Hinged cover, flat**

**- Labelling field**

■ with imprint



To be used for push-buttons with hinged cover, for example.

Labelling field height designed for 6 mm P-touch strips.  
For post-installation clipping into centre plates with labelling field.

DESIGN	ORDER NO.	PU
white glossy	<b>1140 00 02</b>	10
polar white glossy	<b>1140 00 69</b>	10
brown glossy	<b>1140 00 01</b>	10
light bronze matt, lacquered	<b>1140 90 11</b>	10
stainless steel matt, lacquered	<b>1140 90 04</b>	10



**Hinged cover, high**

**- Labelling field**

■ with imprint



Labelling field height arranged for P-touch strips 6 mm.  
For post-installation clipping into centre plates with labelling field.

DESIGN	ORDER NO.	PU
white glossy	<b>1141 00 02</b>	10
polar white glossy	<b>1141 00 69</b>	10
brown glossy	<b>1141 00 01</b>	10
light bronze matt, lacquered	<b>1141 90 11</b>	10
stainless steel matt, lacquered	<b>1141 90 04</b>	10

**Intermediate rings**



**Adapter ring for centre plate 50 x 50 mm**

Caution!  
Not suitable for Berker central plates.  
For centre plate as per according to DIN 49075

■ for other centre plates with external size 50 x 50 mm

DESIGN	ORDER NO.	PU
white glossy	<b>1108 01 02</b>	10
polar white glossy	<b>1108 01 69</b>	10
brown glossy	<b>1108 01 01</b>	10
light bronze matt, lacquered	<b>1108 91 11</b>	10
stainless steel matt, lacquered	<b>1108 91 04</b>	10



ArSYS



**Intermediate ring for central plate**

- labelling field latchable

DESIGN	ORDER NO.	PU
white glossy	<b>1108 00 02</b>	10
polar white glossy	<b>1108 00 69</b>	10
brown glossy	<b>1108 00 01</b>	10
light bronze matt, lacquered	<b>1108 90 11</b>	10
stainless steel matt, lacquered	<b>1108 90 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
optional		
Labelling field for intermediate ring	1905 00 02	230



**Labelling field for intermediate ring**

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	<b>1905 00 02</b>	10
polar white glossy	<b>1905 00 69</b>	10
stainless steel matt, lacquered	<b>1905 70 04</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Intermediate ring for central plate	1108 ..	470
Intermediate ring for central plate	1109 ..	305



**Intermediate ring flat, with hinged cover**

The high hinged cover with opening is suitable as a cover with inserted plug for TAE and 45° UAE versions.

- with imprint
- for other centre plates with external size 50 x 50 mm

DESIGN	ORDER NO.	PU
white glossy	<b>1154 00 02</b>	10
polar white glossy	<b>1154 00 69</b>	10
brown glossy	<b>1154 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1154 10 01</b>	10
Stainless steel, metal matt finish	<b>1154 10 04</b>	10
gold matt, aluminium anodised	<b>1154 10 02</b>	10



**Intermediate ring with hinged cover flat**

**- Labelling field**

- with imprint

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	<b>1155 00 02</b>	10
polar white glossy	<b>1155 00 69</b>	10
brown glossy	<b>1155 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1155 10 01</b>	10
Stainless steel, metal matt finish	<b>1155 10 04</b>	10
gold matt, aluminium anodised	<b>1155 10 02</b>	10



**Intermediate ring with hinged cover high**

**- Labelling field**

- with imprint



Labelling field height arranged for P-touch strips 6 mm.  
The high hinged cover with opening is suitable as a cover with inserted plug for TAE and 45° UAE versions.

DESIGN	ORDER NO.	PU
white glossy	<b>1155 01 02</b>	10
polar white glossy	<b>1155 01 69</b>	10
brown glossy	<b>1155 01 01</b>	10
light bronze matt, lacquered	<b>1155 91 11</b>	10
stainless steel matt, lacquered	<b>1155 91 04</b>	10

**Base plates**



**Base plate 1gang, self-extinguishing**

For surface-mounted frames of the design lines:  
- Modul 2  
- Berker Q.1  
- Berker Arsys

- with imprint
- for mounting on combustible base surface

SUITABLE FOR	ORDER NO.	PAGE
SURFACE MOUNTED FRAMES		page 480

DESIGN	ORDER NO.	PU
white	<b>1021 12</b>	10



**Base plate 2gang, self-extinguishing**

For surface-mounted frames of the design lines:  
- Modul 2  
- Berker Q.1  
- Berker Arsys

- with imprint
- for mounting on combustible base surface

SUITABLE FOR	ORDER NO.	PAGE
SURFACE MOUNTED FRAMES		page 480

DESIGN	ORDER NO.	PU
white	<b>1021 22</b>	10



**Base plate 3gang, self-extinguishing**

For surface-mounted frames of the design lines:  
- Modul 2  
- Berker Q.1  
- Berker Arsys

- with imprint
- for mounting on combustible base surface

SUITABLE FOR	ORDER NO.	PAGE
SURFACE MOUNTED FRAMES		page 480

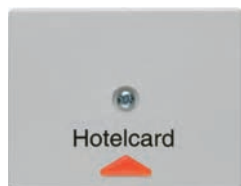
DESIGN	ORDER NO.	PU
white	<b>1021 32</b>	10



ArSYS

## HOTEL APPLICATIONS

### Centre plates for hotel card switches



#### Centre plate with imprint for push-button for hotel card

##### - Red lens



Card width max. 54 mm  
Card thickness 0.5 ... 1.4 mm

Other imprint on request!

##### SUITABLE FOR

Push-button for hotel card

##### ORDER NO.

##### PAGE

page 80

DESIGN	ORDER NO.	PU
white glossy	<b>1641 00 02</b>	10
polar white glossy	<b>1641 00 69</b>	10
brown glossy	<b>1641 00 01</b>	10
light bronze matt, lacquered	<b>1641 90 11</b>	10
stainless steel matt, lacquered	<b>1641 90 04</b>	10

## HOSPITAL INSTALLATION

### Central plates for hospital installation



#### Central plate for socket outlet for floating output

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
For double pole socket outlet for floating output according to DIN 42801

■ with imprint

##### SUITABLE FOR

Socket outlet for floating output

##### ORDER NO.

1061 ..

##### PAGE

724

DESIGN	ORDER NO.	PU
white glossy	<b>1403 02</b>	10
polar white glossy	<b>1403 09</b>	10



#### Centre plate socket outlet for floating output

##### - Labelling field



DESIGN  
Stainless steel, metal matt finish

■ with imprint

##### SUITABLE FOR

Socket outlet for floating output

##### ORDER NO.

1061 ..

##### PAGE

724

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	<b>1705 01 04</b>	10



#### Central plate for 6pole socket outlet

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

##### MANUFACTURER: PRODUCT LINE

##### Nurse call systems

Ackermann: clino opt 90 / clino phon 95  
clino opt 99

##### ART. NO.

71008C

71008C3

##### 6pole socket outlets

Hirschmann: Medu 600 GSK

DESIGN	ORDER NO.	PU
white glossy	<b>1474 02</b>	10
polar white glossy	<b>1474 09</b>	10
stainless steel matt, lacquered	<b>1474 04</b>	10



**Centre plates for Ackermann inserts**



**Centre plate for nurse call system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 90, 99 / clino phon 95

**ART. NO.**

72642C  
72639A  
71197A  
72642B

DESIGN	ORDER NO.	PU
white glossy	<b>1204 00 12</b>	10
polar white glossy	<b>1204 00 69</b>	10
stainless steel matt, lacquered	<b>1204 90 04</b>	10



**Centre plate with plug-in opening for nurse call systems**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

73070A

DESIGN	ORDER NO.	PU
white glossy	<b>1298 00 02</b>	10
polar white glossy	<b>1298 00 69</b>	10
stainless steel matt, lacquered	<b>1298 90 04</b>	10



**Centre plate for dropping plug-and-socket connector**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

- a-coded for dropping plug-and-socket connector

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

74189A

DESIGN	ORDER NO.	PU
white glossy	<b>1305 00 02</b>	10
polar white glossy	<b>1305 00 69</b>	10
stainless steel matt, lacquered	<b>1305 90 04</b>	10



**Centre plate with 2 plug-in openings for call unit**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 auxiliary plug-in contacts

- centre plate for plug-in fixing

**MANUFACTURER: PRODUCT LINE**

**Nurse call systems**

Ackermann: clino opt 99

**ART. NO.**

73020D  
73021D

DESIGN	ORDER NO.	PU
white glossy	<b>1238 00 02</b>	10
polar white glossy	<b>1238 00 69</b>	10
stainless steel matt, lacquered	<b>1238 90 04</b>	10





**Centre plate with 2 plug-in openings and imprint, for call unit**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 diagnostic plug-in contacts
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73075C 73020G 73021G 73075D

DESIGN	ORDER NO.	PU
white glossy	<b>1244 00 02</b>	10
polar white glossy	<b>1244 00 69</b>	10
stainless steel matt, lacquered	<b>1244 90 04</b>	10



**Centre plate with 2 plug-in openings and imprinted symbols, for call unit**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with diagnostic and auxiliary plug-in contact
- for plug-in cover

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	73020E

DESIGN	ORDER NO.	PU
white glossy	<b>1242 00 02</b>	10
polar white glossy	<b>1242 00 69</b>	10
stainless steel matt, lacquered	<b>1242 90 04</b>	10



**Centre plate with plug-in opening, red button at bottom**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73022B 73023B

DESIGN	ORDER NO.	PU
white glossy	<b>1224 00 02</b>	10
polar white glossy	<b>1224 00 69</b>	10
stainless steel matt, lacquered	<b>1224 90 04</b>	10



**Centre plate with plug-in opening, red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

DESIGN	ORDER NO.	PU
white glossy	<b>1217 00 02</b>	10
polar white glossy	<b>1217 00 69</b>	10
stainless steel matt, lacquered	<b>1217 90 04</b>	10



**Centre plate with 2 plug-in openings, imprint and red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint
- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

DESIGN	ORDER NO.	PU
white glossy	<b>1218 00 02</b>	10
polar white glossy	<b>1218 00 69</b>	10
stainless steel matt, lacquered	<b>1218 90 04</b>	10



**Centre plate with red button at top**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73071F 73071F2 73073F

DESIGN	ORDER NO.	PU
white glossy	<b>1216 00 02</b>	10
polar white glossy	<b>1216 00 69</b>	10
stainless steel matt, lacquered	<b>1216 90 04</b>	10



**Centre plate with red button at bottom**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
white glossy	<b>1219 00 02</b>	10
polar white glossy	<b>1219 00 69</b>	10
stainless steel matt, lacquered	<b>1219 90 04</b>	10



**Centre plate with green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642C

DESIGN	ORDER NO.	PU
white glossy	<b>1251 00 02</b>	10
polar white glossy	<b>1251 00 69</b>	10
stainless steel matt, lacquered	<b>1251 90 04</b>	10





### Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642D

DESIGN	ORDER NO.	PU
white glossy	<b>1252 00 02</b>	10
polar white glossy	<b>1252 00 69</b>	10
stainless steel matt, lacquered	<b>1252 90 04</b>	10



### Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
white glossy	<b>1223 00 02</b>	10
polar white glossy	<b>1223 00 69</b>	10
stainless steel matt, lacquered	<b>1223 90 04</b>	10



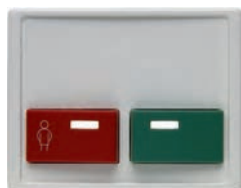
### Centre plate with white button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- button with lens
- centre plate for plug-in fixing
- for office unit

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73640J 73640J2

DESIGN	ORDER NO.	PU
white glossy	<b>1308 00 02</b>	10
polar white glossy	<b>1308 00 69</b>	10
stainless steel matt, lacquered	<b>1308 90 04</b>	10



### Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642B2

DESIGN	ORDER NO.	PU
white glossy	<b>1249 00 02</b>	10
polar white glossy	<b>1249 00 69</b>	10
stainless steel matt, lacquered	<b>1249 90 04</b>	10



**Centre plate with green + yellow button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642E

DESIGN	ORDER NO.	PU
white glossy	<b>1253 00 02</b>	10
polar white glossy	<b>1253 00 69</b>	10
stainless steel matt, lacquered	<b>1253 90 04</b>	10



**Centre plate with white + green button**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint "SU-AUS WARTEN"
- buttons with lens
- centre plate for plug-in fixing
- for office unit

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99	73642B

DESIGN	ORDER NO.	PU
white glossy	<b>1299 00 02</b>	10
polar white glossy	<b>1299 00 69</b>	10
stainless steel matt, lacquered	<b>1299 90 04</b>	10



**Centre plate for pneumatic call switch**

**- Lens**



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	70006A 70006B
clino opt 99	70006C

DESIGN	ORDER NO.	PU
white glossy	<b>1236 00 02</b>	10
polar white glossy	<b>1236 00 69</b>	10
stainless steel matt, lacquered	<b>1236 90 04</b>	10



**Centre plate for pullcord push-button**

**- Lens**



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3 70046A3 70046A

DESIGN	ORDER NO.	PU
white glossy	<b>1233 00 02</b>	10
polar white glossy	<b>1233 00 69</b>	10
stainless steel matt, lacquered	<b>1233 90 04</b>	10





**Centre plate with imprinted symbol curve for small sound system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	73120C 73120H

DESIGN	ORDER NO.	PU
white glossy	<b>1300 00 02</b>	10
polar white glossy	<b>1300 00 69</b>	10
stainless steel matt, lacquered	<b>1300 90 14</b>	10



**Centre plate with imprint "0 - 1 - 2 - 3 - 4 - 5" for small sound system**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

DESIGN	ORDER NO.	PU
white glossy	<b>1301 00 02</b>	10
polar white glossy	<b>1301 00 69</b>	10
stainless steel matt, lacquered	<b>1301 90 04</b>	10



**Centre plate with microphone for interface unit**

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Nurse call systems</b>	
Ackermann: clino opt 99 / clino phon 95	71049A 71048A

DESIGN	ORDER NO.	PU
white glossy	<b>1302 00 02</b>	1
polar white glossy	<b>1302 00 69</b>	1
stainless steel matt, lacquered	<b>1302 90 04</b>	1

**FRAME**



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Frame**

**i 975**

DESIGN	ORDER NO.	PU
white glossy, 1gang	<b>1313 00 02</b>	10
white glossy, 2gang vertical	<b>1323 00 02</b>	2
white glossy, 3gang vertical	<b>1333 00 02</b>	2
white glossy, 4gang vertical	<b>1343 00 02</b>	2
white glossy, 5gang vertical	<b>1353 00 02</b>	2
white glossy, 2gang horizontal	<b>1363 00 02</b>	2
white glossy, 3gang horizontal	<b>1373 00 02</b>	2
white glossy, 4gang horizontal	<b>1383 00 02</b>	2
white glossy, 5gang horizontal	<b>1393 00 02</b>	2



**Frame**

**i 975**

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	<b>1313 00 69</b>	10
polar white glossy, 2gang vertical	<b>1323 00 69</b>	2
polar white glossy, 3gang vertical	<b>1333 00 69</b>	2
polar white glossy, 4gang vertical	<b>1343 00 69</b>	2
polar white glossy, 5gang vertical	<b>1353 00 69</b>	2
polar white glossy, 2gang horizontal	<b>1363 00 69</b>	2
polar white glossy, 3gang horizontal	<b>1373 00 69</b>	2
polar white glossy, 4gang horizontal	<b>1383 00 69</b>	2
polar white glossy, 5gang horizontal	<b>1393 00 69</b>	2



**Frame**

**i 975**

DESIGN	ORDER NO.	PU
brown glossy, 1gang	<b>1313 00 01</b>	10
brown glossy, 2gang vertical	<b>1323 00 01</b>	2
brown glossy, 3gang vertical	<b>1333 00 01</b>	2
brown glossy, 4gang vertical	<b>1343 00 01</b>	2
brown glossy, 5gang vertical	<b>1353 00 01</b>	2
brown glossy, 2gang horizontal	<b>1363 00 01</b>	2
brown glossy, 3gang horizontal	<b>1373 00 01</b>	2
brown glossy, 4gang horizontal	<b>1383 00 01</b>	2
brown glossy, 5gang horizontal	<b>1393 00 01</b>	2



**Frame**

**i 975**

DESIGN	ORDER NO.	PU
light bronze matt, aluminium lacquered, 1gang	<b>1314 00 01</b>	10
light bronze matt, aluminium lacquered, 2gang vertical	<b>1324 00 01</b>	2
light bronze matt, aluminium lacquered, 3gang vertical	<b>1334 00 01</b>	2
light bronze matt, aluminium lacquered, 4gang vertical	<b>1344 00 01</b>	2
light bronze matt, aluminium lacquered, 5gang vertical	<b>1354 00 01</b>	2
light bronze matt, aluminium lacquered, 2gang horizontal	<b>1364 00 01</b>	2
light bronze matt, aluminium lacquered, 3gang horizontal	<b>1374 00 01</b>	2
light bronze matt, aluminium lacquered, 4gang horizontal	<b>1384 00 01</b>	2
light bronze matt, aluminium lacquered, 5gang horizontal	<b>1394 00 01</b>	2



**Frame**

**SUITABLE FOR**

**ORDER NO.**  
1056 00

**PAGE**  
468

**i 975**

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish, 1gang	<b>1314 00 04</b>	10
Stainless steel, metal matt finish, 2gang vertical	<b>1324 00 04</b>	2
Stainless steel, metal matt finish, 3gang vertical	<b>1334 00 04</b>	2
Stainless steel, metal matt finish, 4gang vertical	<b>1344 00 04</b>	2
Stainless steel, metal matt finish, 5gang vertical	<b>1354 00 04</b>	2
Stainless steel, metal matt finish, 2gang horizontal	<b>1364 00 04</b>	2
Stainless steel, metal matt finish, 3gang horizontal	<b>1374 00 04</b>	2
Stainless steel, metal matt finish, 4gang horizontal	<b>1384 00 04</b>	2
Stainless steel, metal matt finish, 5gang horizontal	<b>1394 00 04</b>	2



Arsys



**Frame**

**i 975**

DESIGN	ORDER NO.	PU
gold matt, aluminium anodised, 1gang	<b>1314 00 02</b>	10
gold matt, aluminium anodised, 2gang vertical	<b>1324 00 02</b>	2
gold matt, aluminium anodised, 3gang vertical	<b>1334 00 02</b>	2
gold matt, aluminium anodised, 4gang vertical	<b>1344 00 02</b>	2
gold matt, aluminium anodised, 5gang vertical	<b>1354 00 02</b>	2
gold matt, aluminium anodised, 2gang horizontal	<b>1364 00 02</b>	2
gold matt, aluminium anodised, 3gang horizontal	<b>1374 00 02</b>	2
gold matt, aluminium anodised, 4gang horizontal	<b>1384 00 02</b>	2
gold matt, aluminium anodised, 5gang horizontal	<b>1394 00 02</b>	2



**Frame**

■ for emphasising special switches, socket outlets, etc.

**i 975**

DESIGN	ORDER NO.	PU
red glossy, 1gang	<b>1313 00 62</b>	10
red glossy, 2gang vertical	<b>1323 00 62</b>	2
red glossy, 2gang horizontal	<b>1363 00 62</b>	2

**SURFACE MOUNTED FRAMES**



**Frame surface-mounted**

Insertion depth 33.5 mm

- entry at top and bottom possible
- with cable and duct entry

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

Flush-mounted devices can be used with surface-mounted frames for surface-mounted installation.

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Base plates		page 471
Entries/connectors		page 716

DESIGN	ORDER NO.	PU
white glossy, 1gang	<b>1029 00 02</b>	10
white glossy, 2gang	<b>1030 00 02</b>	10
white glossy, 3gang	<b>1031 00 02</b>	5
polar white glossy, 1gang	<b>1029 00 69</b>	10
polar white glossy, 2gang	<b>1030 00 69</b>	10
polar white glossy, 3gang	<b>1031 00 69</b>	5
brown glossy, 1gang	<b>1029 00 01</b>	10
brown glossy, 2gang	<b>1030 00 01</b>	10
brown glossy, 3gang	<b>1031 00 01</b>	5
light bronze matt, lacquered, 1gang	<b>1029 90 11</b>	10
light bronze matt, lacquered, 2gang	<b>1030 90 11</b>	10
light bronze matt, lacquered, 3gang	<b>1031 90 11</b>	5
stainless steel, lacquered, 1gang	<b>1029 90 04</b>	10
stainless steel, lacquered, 2gang	<b>1030 90 04</b>	10
stainless steel, lacquered, 3gang	<b>1031 90 04</b>	5
red glossy, 1gang	<b>1029 00 62</b>	10
red glossy, 2gang	<b>1030 00 62</b>	10
red glossy, 3gang	<b>1031 00 62</b>	5





**SCHUKO SOCKET OUTLETS**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



**SCHUKO socket outlet**

- enhanced contact protection

- with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A



DESIGN	ORDER NO.	PU
copper, natural metal	<b>4735 00 07</b>	10



**SCHUKO socket outlet**

- enhanced contact protection  
- Screw-in lift terminals

- with screw-in lift terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A



DESIGN	ORDER NO.	PU
copper, natural metal	<b>4135 00 07</b>	10

**INTERNATIONAL SOCKET OUTLET SYSTEMS**

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1



**Socket outlet with earthing pin**

- enhanced contact protection

- 2pole + earth
- with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A



DESIGN	ORDER NO.	PU
copper, natural metal	<b>67 6874 00 07</b>	10



**Socket outlet with earthing pin**

- enhanced contact protection  
- Screw terminals

- 2pole + earth
- with screw terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A



DESIGN	ORDER NO.	PU
copper, natural metal	<b>67 6574 00 07</b>	10

**COVERS FOR SWITCHES/PUSH-BUTTONS**

**Rockers**



**Rocker**

- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

DESIGN	ORDER NO.	PU
copper, natural metal	<b>1405 00 07</b>	10

**Multiple Rockers**



**Rocker 2gang**

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

DESIGN	ORDER NO.	PU
copper, natural metal	<b>1434 00 07</b>	10

**COVERS FOR BLIND SWITCHES/PUSH-BUTTONS**



**Rocker 2gang with imprinted arrow symbol**

- also for KNX applications: push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Blind series switch 1pole	5035 20	112
Blind series switch 1pole	3035 20	112

DESIGN	ORDER NO.	PU
copper, natural metal	<b>1434 01 07</b>	10



**Rocker 2gang with imprinted arrows symbol**

- also for KNX applications: group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Group series push-button, 4 NO con- tacts, common input terminal	5034 04	31
Group push-button 2gang	7514 21 00	821

DESIGN	ORDER NO.	PU
copper, natural metal	<b>1434 03 07</b>	10

**FRAME**



**Frame**

- for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
copper, natural metal, 1gang	<b>1313 00 07</b>	10
copper, natural metal, 2gang vertical	<b>1323 00 07</b>	2
copper, natural metal, 2gang horizontal	<b>1363 00 07</b>	2
copper, natural metal, 3gang vertical	<b>1333 00 07</b>	2
copper, natural metal, 3gang horizontal	<b>1373 00 07</b>	2

BERKER R.1/R.3



**B.**  
Berker

SCHUKO SOCKET OUTLETS	486-489
INTERNATIONAL SOCKET OUTLET SYSTEMS	489-491
COVERS FOR SWITCHES/PUSH-BUTTONS	491-493
TIMERS	493
NEW ELECTRONICS PLATFORM	494-495
COVERS FOR DIMMERS	496
COVERS FOR BLIND SWITCHES/PUSH-BUTTONS	496
HVAC CONTROLLERS AND COVERS	497-498
COMMUNICATION/MULTIMEDIA TECHNOLOGY	498-501
COVERS FOR PILOT LAMPS	501
SUPPLEMENTARY PRODUCTS	501-502
BARRIER-FREE CONSTRUCTION	502-503

A brilliant tradition. A global model of success. And a great heritage, that we need to protect and further develop. Around a century after we built the first switch with a circular profile, we now are opening the next chapter. With the switch programmes Berker R.1 and Berker R.3, which the designer Werner Aisslinger created with Berker, we carry the great tradition of round switches into the future. The Berker R.1 and Berker R.3 are the only programmes on the German market to consistently offer round centre plates universally. We offer both in the surfaces plastic, glass, aluminium and stainless steel, as well as a universal variety of functions. Both series reinterpret the tradition of round operating elements in an unmistakable way.













- The contemporary rediscovery of round switches
- The only switch programmes with fully round centre plates
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic



**SCHUKO SOCKET OUTLETS**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

**SCHUKO socket outlets**

	<b>SCHUKO socket outlet</b>		250 V~	■ with plug-in terminals	
	Rated voltage	Rated current	16 A		
	DESIGN	ORDER NO.		PU	
	polar white glossy	★ 4743 20 89		10	
	black glossy	★ 4743 20 45		10	
	<b>SCHUKO socket outlet</b>		250 V~	■ with plug-in terminals	
	<b>- enhanced contact protection</b>		Rated voltage	Rated current	
	DESIGN	ORDER NO.		PU	
	polar white glossy	★ 4723 20 89		10	
	black glossy	★ 4723 20 45		10	
	<b>SCHUKO socket outlet</b>		250 V~	■ with screw-in lift terminals	
	<b>- Screw-in lift terminals</b>		Rated voltage	Rated current	
	DESIGN	ORDER NO.		PU	
	polar white glossy	★ 4143 20 89		10	
	black glossy	★ 4143 20 45		10	
	<b>SCHUKO socket outlet</b>		250 V~	■ with screw-in lift terminals	
	<b>- enhanced contact protection</b>		Rated voltage	Rated current	
	DESIGN	ORDER NO.		PU	
	polar white glossy	★ 4123 20 89		10	
	black glossy	★ 4123 20 45		10	

**NEW**



**SCHUKO socket outlet 45°**

Rated voltage 250 V~ ■ for diagonal installation  
 Rated current 16 A ■ with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

**i 911**



DESIGN	ORDER NO.	PU
polar white glossy	* 4727 20 89	10
black glossy	* 4727 20 45	10

**NEW**



**SCHUKO socket outlet with LED orientation light**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~  
 Frequency 50/60 Hz  
 Rated current 16 A  
 Power consumption 0,25 W/0,35 VA  
 Switch-off brightness ca. 4 lx  
 Light intensity (white) 0.2 cd  
 Switch-on brightness ca. 2 lx

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- through-wiring possible, therefore also ideal for retrofitting
- long service life of the LED
- white LED light
- with screw-in lift terminals

**i 911**

Caution!  
 Items with special flush-mounted insert.  
 Centre plates with LED orientation lights are not compatible with the standard socket outlets.



DESIGN	ORDER NO.	PU
polar white glossy	* 4109 20 89	10
black glossy	* 4109 20 45	10

**NEW**



**SCHUKO socket outlet with control LED**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~  
 Rated current 16 A

- with screw-in lift terminals

**i 911**



DESIGN	ORDER NO.	PU
polar white glossy	* 4110 20 89	10
black glossy	* 4110 20 45	10

**NEW**



**Double SCHUKO socket outlet with cover plate**

Rated voltage 250 V~ ■ with plug-in terminals  
 Rated current 16 A  
 Assembling height 22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1

**i 911**



DESIGN	ORDER NO.	PU
<b>Berker R.1</b> polar white glossy	* 4728 20 89	10
black glossy	* 4728 20 45	10





**Double SCHUKO socket outlet with cover plate**

- enhanced contact protection

- with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A  
Assembling height 22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1

DESIGN ORDER NO. PU

**Berker R.1**

polar white glossy	★ 4729 20 89	10
black glossy	★ 4729 20 45	10



**Double SCHUKO socket outlet with cover plate**

Rated voltage 250 V~  
Rated current 16 A  
Assembling height 22 mm

- with plug-in terminals

**i 911**

For installation in 1gang wall boxes according to according to DIN 49073-1

DESIGN ORDER NO. PU

**Berker R.3**

polar white glossy	4753 70 09	10
black glossy	4753 70 05	10



**Combination SCHUKO socket outlet 2gang with frame**

Rated voltage 250 V~  
Rated current 16 A

- without spreader claws
- 2 x 1gang, wired-through
- with plug-in terminals

**i 911**

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

DESIGN ORDER NO. PU

**Berker R.3**

polar white glossy	★ 4720 20 89	5
black glossy	★ 4720 20 45	5



**SCHUKO socket outlets with hinged cover**



**SCHUKO socket outlet with hinged cover**

- enhanced contact protection

- with self-closing hinged covers
- with imprint
- with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

SUITABLE FOR optional	ORDER NO.	PAGE
Sealing set for socket outlets/centre plates	1010 76 00	501

DESIGN ORDER NO. PU

polar white glossy	★ 4751 20 89	10
black glossy	★ 4751 20 45	10





**NEW**



**SCHUKO socket outlet with hinged cover**

- enhanced contact protection
- Installation position variable in 45° steps



Rated voltage 250 V~  
Rated current 16 A

- with self-closing hinged covers
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

**i 911**

Specially suited to combinations of several socket outlets if right angle plugs are used.



DESIGN	ORDER NO.	PU
polar white glossy	* 4744 20 89	10
black glossy	* 4744 20 45	10

**SCHUKO socket outlets for special applications**

**NEW**



**SCHUKO socket outlet with imprint**

Rated voltage 250 V~  
Rated current 16 A

- with plug-in terminals

Insert colour-coded.

**i 911**



DESIGN	ORDER NO.	PU
red glossy, Imprint "EDV"	* 4743 20 22	10
green glossy, Imprint "SV"	* 4743 20 03	10
orange glossy, Imprint "ZSV"	* 4743 20 07	10

**NEW**



**SCHUKO socket outlet with control LED and imprint**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A

- with screw-in lift terminals

**i 911**



DESIGN	ORDER NO.	PU
red glossy, Imprint "EDV"	* 4110 20 22	10
green glossy, Imprint "SV"	* 4110 20 03	10
orange glossy, Imprint "ZSV"	* 4110 20 07	10

**INTERNATIONAL SOCKET OUTLET SYSTEMS**

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

**Socket outlets without earthing contact**

**NEW**



**Socket outlet without earthing contact**

Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 8 mm

- 2pole
- without spreader claws
- with plug-in terminals

**i 911**



DESIGN	ORDER NO.	PU
polar white glossy	* 61 6703 20 89	10
black glossy	* 61 6703 20 45	10



R.x

**Socket outlets with earthing pin**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

**NEW** **Socket outlet with earthing pin**  
**- enhanced contact protection**

- 2pole + earth
- with plug-in terminals

**911**

Rated voltage 250 V~  
 Rated current 16 A

DESIGN	ORDER NO.	PU
polar white glossy	★ <b>67 6876 20 89</b>	10
black glossy	★ <b>67 6876 20 45</b>	10

**NEW** **Socket outlet with earthing pin**  
**- enhanced contact protection**  
**- Screw-in lift terminals**

- 2pole + earth
- with screw-in lift terminals

**911**

Rated voltage 250 V~  
 Rated current 16 A

DESIGN	ORDER NO.	PU
polar white glossy	★ <b>67 6576 20 89</b>	10
black glossy	★ <b>67 6576 20 45</b>	10

**NEW** **Socket outlet with earth contact pin and monitoring LED**  
**- enhanced contact protection**  
**- Screw-in lift terminals**

- 2pole + earth
- with screw-in lift terminals

**911**

Rated voltage 250 V~  
 Rated current 16 A

DESIGN	ORDER NO.	PU
polar white glossy	★ <b>67 6509 20 89</b>	10
black glossy	★ <b>67 6509 20 45</b>	10

**NEW** **Socket outlet with earthing pin and hinged cover**  
**- enhanced contact protection**  
**- Screw-in lift terminals**

- with self-closing hinged covers
- 2pole + earth
- with screw-in lift terminals

**911**

Rated voltage 250 V~  
 Rated current 16 A  
 Mirror depth 14.5 mm

DESIGN	ORDER NO.	PU
polar white glossy	★ <b>67 6583 20 89</b>	10
black glossy	★ <b>67 6583 20 45</b>	10

**SUITABLE FOR**  
**optional**  
 Sealing set for socket outlets/centre plates

ORDER NO.	PAGE
1010 76 00	501

**SCHUKO socket outlets for special applications**

**NEW**



**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.

DESIGN	ORDER NO.	PU
red glossy	* 67 6509 20 22	10
green glossy	* 67 6509 20 03	10
orange glossy	* 67 6509 20 07	10



**COVERS FOR SWITCHES/PUSH-BUTTONS**

**Rockers**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.

**NEW**



**Rocker**

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502

DESIGN	ORDER NO.	PU
polar white glossy	* 1620 20 89	10
black glossy	* 1620 20 45	10

**NEW**



**Rocker with imprinted symbol for light**

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502

DESIGN	ORDER NO.	PU
polar white glossy, with imprinted symbol for light	* 1620 20 79	10
black glossy, with imprinted symbol for light	* 1620 20 35	10

**NEW**



**Rocker with imprinted symbol for bell**

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502

DESIGN	ORDER NO.	PU
polar white glossy, with imprinted symbol for bell	* 1620 20 69	10
black glossy, with imprinted symbol for bell	* 1620 20 25	10



R.x

**NEW** **Rocker with imprinted symbol for door opener**



DESIGN  
polar white glossy, with imprinted symbol for door opener  
black glossy, with imprinted symbol for door opener

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502
ORDER NO.		PU
★ <b>1620 20 59</b>		10
★ <b>1620 20 15</b>		10

**NEW** **Rocker**  
- Clear lens



DESIGN  
polar white glossy  
black glossy

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502
ORDER NO.		PU
★ <b>1621 20 89</b>		10
★ <b>1621 20 45</b>		10

**NEW** **Rocker with imprinted symbol for light**  
- Clear lens



DESIGN  
polar white glossy  
black glossy

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502
ORDER NO.		PU
★ <b>1621 20 79</b>		10
★ <b>1621 20 35</b>		10

**Rockers for multi-pole rocker switches**

- Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.

**NEW** **Rocker with imprint "0"**



DESIGN  
polar white glossy  
black glossy

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 28
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502
ORDER NO.		PU
★ <b>1622 20 89</b>		10
★ <b>1622 20 45</b>		10

**NEW** **Rocker with imprint "0"**  
- Clear lens



DESIGN  
polar white glossy  
black glossy

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 28
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502
ORDER NO.		PU
★ <b>1624 20 89</b>		10
★ <b>1624 20 45</b>		10

**Multiple Rockers**

**NEW**



**Rocker 2gang**

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch, 2gang		page 30
Series push-button		page 30

DESIGN	ORDER NO.	PU
polar white glossy	* 1623 20 89	10
black glossy	* 1623 20 45	10

**NEW**



**Rocker 2gang**

**- Clear lens**



- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch, 2gang		page 30
Series push-button		page 30

DESIGN	ORDER NO.	PU
polar white glossy	* 1627 20 89	10
black glossy	* 1627 20 45	10

**NEW**



**Rocker 3gang**

SUITABLE FOR	ORDER NO.	PAGE
On/off switch 3gang	6330 23	33

DESIGN	ORDER NO.	PU
polar white glossy	* 1665 20 89	10
black glossy	* 1665 20 45	10

**Centre plates for pullcord switches/pullcord push-buttons**

**NEW**



**Centre plate for pullcord switch/pullcord push-button**

SUITABLE FOR	ORDER NO.	PAGE
Pullcord switch off/change-over	3966	33
Pullcord push-button, change-over contact with separate signal contact	3956 19	34

DESIGN	ORDER NO.	PU
polar white glossy	* 1146 20 89	10
black glossy	* 1146 20 45	10

**TIMERS**

**Centre plates for mechanical timer**

**NEW**



**Centre plate for mechanical timer**

- with time scale symbol imprint

SUITABLE FOR	ORDER NO.	PAGE
Mechanical time switches		page 37

DESIGN	ORDER NO.	PU
<b>with time scale 15 min</b>		
polar white glossy	* 1632 20 89	1
black glossy	* 1632 20 45	1

**NEW**



DESIGN	ORDER NO.	PU
<b>with time scale 120 min</b>		
polar white glossy	* 1633 20 89	1
black glossy	* 1633 20 45	1



R.x

**NEW ELECTRONICS PLATFORM**

**Buttons for switches/dimmers**

**NEW**



**Button 1gang**

Operating voltage

- via insert
- with 2-push-buttons operation concept
  - low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 1gang	8512 11 00	51
Relay insert	8512 12 00	51
Extension unit for motion detector	8532 01 00	87
Touch dimmer (R, L)	8542 11 00	53
Universal touch dimmer 1gang	8542 12 00	53



DESIGN	ORDER NO.	PU
polar white glossy <sup>1)</sup>	★ <b>8514 11 39</b>	1
black glossy <sup>1)</sup>	★ <b>8514 11 31</b>	1

**NEW**



**Button 2gang**

Operating voltage

- via insert
- with 2-push-buttons operation concept per series
  - low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 2gang	8512 22 00	52
Universal touch dimmer 2gang	8542 21 00	54



DESIGN	ORDER NO.	PU
polar white glossy <sup>1)</sup>	★ <b>8514 21 39</b>	1
black glossy <sup>1)</sup>	★ <b>8514 21 31</b>	1

**Motion detector covers**

**NEW**



**IR Motion detector comfort**

Delay time, adjustable  $\approx 10 \text{ s} \dots 30 \text{ min}$   
 Response brightness, adjustable  $\approx 5 \dots 1000 \text{ lx}, \infty \text{ lx (day)}$

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- step operation with immunity time (e.g. for stair light/impact current circuits)
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 86

DESIGN	ORDER NO.	PU
<b>Nominal mounting height 1.1 m</b>		
polar white glossy <sup>1)</sup>	★ <b>8534 12 39</b>	1
black glossy <sup>1)</sup>	★ <b>8534 12 31</b>	1
<b>Nominal mounting height 2.2 m</b>		
polar white glossy <sup>1)</sup>	★ <b>8534 22 39</b>	1
black glossy <sup>1)</sup>	★ <b>8534 22 31</b>	1



**Motion detector**

Delay time ≈ 180 s  
Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- low intrinsic energy requirement

**SUITABLE FOR** Inserts **ORDER NO.** **PAGE**  
page 86

DESIGN ORDER NO. PU

**Nominal mounting height 1.1 m**

polar white glossy <sup>1)</sup>	* 8534 11 39	1
black glossy <sup>1)</sup>	* 8534 11 31	1

**Nominal mounting height 2.2 m**

polar white glossy <sup>1)</sup>	* 8534 21 39	1
black glossy <sup>1)</sup>	* 8534 21 31	1

**Blind buttons**



**Blind button**

Delay time, adjustable 0 s ... 500 s  
Change-over time for change of direction < 0.6 s  
Venetian blind movement time 2 min  
Minimum slat adjustment time ≈ 150 ms  
Running time max. 2 min

- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- low intrinsic energy requirement
- with imprinted symbol arrows

**SUITABLE FOR** Blind insert comfort **ORDER NO.** 8522 11 00 **PAGE** 120

DESIGN ORDER NO. PU

polar white glossy <sup>1)</sup>	* 8524 11 39	1
black glossy <sup>1)</sup>	* 8524 11 31	1

**Time switches for blinds**



**Blind time switch**

**- Display**

Change-over time for change of direction < 0.6 s  
Minimum slat adjustment time ≈ 150 ms  
Running time 2 min  
Astronomic time shift ± 2 h  
Random number generator ± 15 min  
Power reserve ≈ 24 h  
Number of operation times for up/down 20

- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- low intrinsic energy requirement
- with automatic summer-/winter time switching (can be switched off)
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- with switchover manual/automatic mode
- 2 independent preset programme memories, individually adaptable

**SUITABLE FOR** Blind insert comfort **ORDER NO.** 8522 11 00 **PAGE** 120

DESIGN ORDER NO. PU

polar white glossy <sup>1)</sup>	* 8574 11 39	1
black glossy <sup>1)</sup>	* 8574 11 31	1



**COVERS FOR DIMMERS**

**Centre plates for rotary dimmers**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

**NEW**



**Centre plate for rotary dimmer**

**- Setting knob**



SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmers		page 42
Rotary potentiometer DALI		page 46
1-10 V Rotary potentiometer		page 47
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 76 00	501

DESIGN	ORDER NO.	PU
polar white glossy	★ <b>1137 20 89</b>	10
black glossy	★ <b>1137 20 45</b>	10

**COVERS FOR BLIND SWITCHES/PUSH-BUTTONS**

**Rockers with imprint**

**NEW**



**Rocker 2gang with imprinted arrow symbol**

■ also for KNX applications: push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Switch / push-button for blinds		page 112

DESIGN	ORDER NO.	PU
polar white glossy	★ <b>1625 20 89</b>	10
black glossy	★ <b>1625 20 45</b>	10

**NEW**



**Rocker 2gang with imprinted arrows symbol**

■ also for KNX applications: group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Group series push-button, 4 NO contacts, common input terminal	5034 04	31

DESIGN	ORDER NO.	PU
polar white glossy	★ <b>1644 20 89</b>	10
black glossy	★ <b>1644 20 45</b>	10

**Centre plates for rotary switches for blinds**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

**NEW**



**Centre plate with rotary knob for rotary switch for blinds**

■ with imprint

SUITABLE FOR	ORDER NO.	PAGE
Rotary switch for blinds		page 114
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 76 00	501
Interlock disk for rotary switch for blinds	1861 01	115

DESIGN	ORDER NO.	PU
polar white glossy	★ <b>1080 20 89</b>	1
black glossy	★ <b>1080 20 45</b>	1



**HVAC CONTROLLERS AND COVERS**

**Thermostat**



**Thermostat, NO contact, with centre plate**

- Time-controlled



■ for heating or cooling mode

**SUITABLE FOR**  
Valve drive 230 V

**ORDER NO.** 7590 00 76 **PAGE** 144

Rated voltage 230 V~  
Frequency 50 Hz  
Hysteresis, settable 0.1 ... 1 K

**i** 942

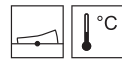


DESIGN	ORDER NO.	PU
polar white glossy	* 2045 20 89	1
black glossy	* 2045 20 45	1



**Thermostat, NO contact, with centre plate, for underfloor heating**

- Rocker switch  
- External temperature sensor



**SUITABLE FOR**  
Valve drive 230 V  
**replacement**  
Temperature sensor

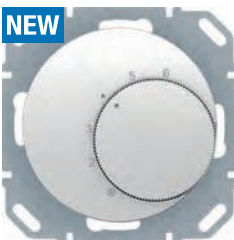
**ORDER NO.** 7590 00 76 **PAGE** 144  
161 152

Rated voltage 230 V~  
Frequency 50 Hz

**i** 941



DESIGN	ORDER NO.	PU
polar white glossy	* 2034 20 89	1
black glossy	* 2034 20 45	1



**Temperature controller, change-over contact, with centre plate**

Rated voltage 250 V~  
Frequency 50/60 Hz

■ for heating or cooling mode

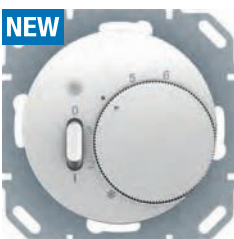
**SUITABLE FOR**  
Valve drive 230 V

**ORDER NO.** 7590 00 76 **PAGE** 144

**i** 942



DESIGN	ORDER NO.	PU
polar white glossy	* 2026 20 89	1
black glossy	* 2026 20 45	1



**Temperature controller, NC contact, with centre plate**

- Rocker switch



**SUITABLE FOR**  
Valve drive 230 V

**ORDER NO.** 7590 00 76 **PAGE** 144

Rated voltage 250 V~  
Frequency 50 Hz

**i** 942



DESIGN	ORDER NO.	PU
polar white glossy	* 2030 20 89	1
black glossy	* 2030 20 45	1



**Rockers for heating emergency switches**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.

**NEW**



**Rocker with imprint "Heizung Notschalter"**

- Clear lens



- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502

DESIGN	ORDER NO.	PU
polar white glossy	★ <b>1621 20 49</b>	10

**Centre plates for air conditioner/fan controllers**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

**NEW**



**Centre plate with rotary knob for 3-step switch**

SUITABLE FOR	ORDER NO.	PAGE
3-step switch	3861 ..	148
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 76 00	501

DESIGN	ORDER NO.	PU
<b>without 0-position, imprint 2-1-3</b>		

polar white glossy	★ <b>1084 20 89</b>	1
--------------------	---------------------	---

black glossy	★ <b>1084 20 45</b>	1
--------------	---------------------	---

DESIGN	ORDER NO.	PU
<b>with 0-position, imprint 0-1-2-3</b>		

polar white glossy	★ <b>1096 20 89</b>	1
--------------------	---------------------	---

black glossy	★ <b>1096 20 45</b>	1
--------------	---------------------	---

**NEW**



**NEW**



**Centre plate for speed controller**

- Setting knob



- with imprinted symbol curve

SUITABLE FOR	ORDER NO.	PAGE
Speed controllers	2968 01	149
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 76 00	501

Axis dimension Ø	4 mm	
------------------	------	--

DESIGN	ORDER NO.	PU
polar white glossy	★ <b>1137 20 79</b>	10

black glossy	★ <b>1137 20 35</b>	10
--------------	---------------------	----

**COMMUNICATION/MULTIMEDIA TECHNOLOGY**

**Covers data-/telecommunication**

**NEW**



**Centre plate with TAE cut-out**

- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
230 V USB charging socket outlet	2600 0 ..	176
Loudspeaker connection box	4572 ..	177
Stereo loudspeaker connection box	4573 ..	177
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	165
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	165

DESIGN	ORDER NO.	PU
polar white glossy	★ <b>1038 20 89</b>	10

black glossy	★ <b>1038 20 45</b>	10
--------------	---------------------	----



**Centre plate for FCC socket outlet**

- for 1gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 160

DESIGN	ORDER NO.	PU
polar white glossy	* 1407 20 89	10
black glossy	* 1407 20 45	10



**Centre plate for FCC socket outlet 2gang**

- for 2gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 162

DESIGN	ORDER NO.	PU
polar white glossy	* 1409 20 89	10
black glossy	* 1409 20 45	10



**Centre plate with dust protection slider**

- for supporting plates with coloured mounting device, 1gang, order no. 4540 ..., see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white glossy	* 1170 20 89	10
black glossy	* 1170 20 45	10



**Centre plate with 2 dust protection sliders**

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ..., see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white glossy	* 1181 20 89	10
black glossy	* 1181 20 45	10

**Covers for aerial sockets**



**Centre plate for aerial socket 2-/3hole**

- with knock out SAT input

SUITABLE FOR	ORDER NO.	PAGE
Aerial sockets		page 156

DESIGN	ORDER NO.	PU
polar white glossy	* 1203 20 89	10
black glossy	* 1203 20 45	10



**Centre plate for aerial socket 4hole (Ankaro)**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- with 2 additional SAT outputs (F-sockets)

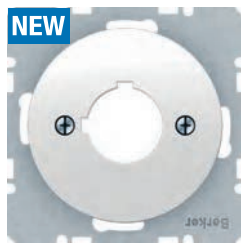
SUITABLE FOR	ORDER NO.	PAGE
Aerial socket 4hole single box	4594	158

DESIGN	ORDER NO.	PU
polar white glossy	* 1484 20 89	10
black glossy	* 1484 20 45	10



**Central plates for signalling and command units**

**NEW**



**Centre plate with installation opening Ø 22.5 mm**

Installation aperture according to IEC 60947-5-1

- with cut-out dia. 22.5 mm

DESIGN	ORDER NO.	PU
polar white glossy	★ 1432 20 89	10
black glossy	★ 1432 20 45	10
yellow glossy	★ 1432 20 06	10

**Covers Audio**

**NEW**



**Centre plate for loudspeaker socket outlet**

- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Entry for small connector	4505 ..	179

DESIGN	ORDER NO.	PU
polar white glossy	★ 1196 20 89	10
black glossy	★ 1196 20 45	10

**Video socket outlets**

**NEW**



**VGA socket outlet**

Frequency range video  
Resolution

max. 160 MHz  
max. 1280 x 1024 px

- with 15pole D-subminiature double jack
- S-VGA compatible

**i 972**



DESIGN	ORDER NO.	PU
<b>with double jack</b>		
polar white glossy	★ 33 1540 20 89	10
black glossy	★ 33 1540 20 45	10
<b>back side, with screw-in lift terminals</b>		
polar white glossy <sup>1)</sup>	★ 33 1541 20 89	10
black glossy <sup>1)</sup>	★ 33 1541 20 45	10

<sup>1)</sup>for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm<sup>2</sup>

**Multimedia sockets**

**NEW**



**3 x Cinch/S-Video socket outlet**

Frequency range audio  
Frequency range video

20 ... 20000 Hz  
max. 160 MHz

- gold-plated contacts
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack

**i 972**



DESIGN	ORDER NO.	PU
polar white glossy	★ 33 1532 20 89	10
black glossy	★ 33 1532 20 45	10

**NEW**



**High definition socket outlet**

Transmission rate  
Resolution

max. 8.16 Gbit/s  
max. 1920 x 1080 px

- gold-plated contacts
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

**i 972**



DESIGN	ORDER NO.	PU
<b>back side, with straight socket</b>		
polar white glossy	★ 33 1542 20 89	10
black glossy	★ 33 1542 20 45	10

**back side, with 90° angle socket**

polar white glossy	* 33 1543 20 89	10
black glossy	* 33 1543 20 45	10



**USB/3.5 mm audio socket outlet**

USB transmission rate	max. 480 Mbit/s	■ double jack gold-plated 3.5 mm, stereo
Frequency range audio	20 ... 20000 Hz	■ USB double jack type A, USB 2.0 capable

**i 972**



DESIGN	ORDER NO.	PU
polar white glossy	* 33 1539 20 89	10
black glossy	* 33 1539 20 45	10

**COVERS FOR PILOT LAMPS**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.



**Centre plate for push-button/pilot lamp E10**

Cut-out Ø	27.2 mm	■ centre plate for plug-in fixing
-----------	---------	-----------------------------------

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 75
LED lamp E10		page 74
Neon lamp E10		page 75
Push-button/pilot lamp E10, NO contact 5101 ..		68

DESIGN	ORDER NO.	PU
polar white glossy	* 1124 20 89	10
black glossy	* 1124 20 45	10



**Centre plate for pilot lamp E14**

For LEDs, incandescent lamps and covers see "Supplementary products".

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 75
LED lamp E14		page 75
Incandescent lamp E14		page 75
Pilot lamp E14	5131 02	69
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 76 00	501

DESIGN	ORDER NO.	PU
polar white glossy	* 1198 20 89	10
black glossy	* 1198 20 45	10

**SUPPLEMENTARY PRODUCTS**

**Sealings IP44**



**Sealing set for socket outlets/centre plates**

SUITABLE FOR	ORDER NO.	PAGE
Centre plates for rotary dimmers		page 496
Centre plates for rotary switches for blinds		page 496
Centre plates for air conditioner/fan controllers		page 498
Centre plate for pilot lamp E14		page 501
Blind plates		page 502
FRAME		page 508
FRAME		page 516

DESIGN	ORDER NO.	PU
transparent	* 1010 76 00	1





**NEW**

**Sealing set for switches/push-buttons**

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

SUITABLE FOR	ORDER NO.	PAGE
Rockers		page 491
Rockers for multi-pole rocker switches		page 492
Rockers - barrier-free construction		page 502
FRAME		page 508
FRAME		page 516

DESIGN	ORDER NO.	PU
transparent	★ 1010 77 00	1

**Blind plates**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.



**NEW**

**Blind plug with centre plate**

- on supporting plate without cut-out
- centre plate for plug-in fixing
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 76 00	501



DESIGN	ORDER NO.	PU
polar white glossy	★ 1009 20 89	20
black glossy	★ 1009 20 45	20

**BARRIER-FREE CONSTRUCTION**

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

**SCHUKO socket outlets**



**NEW**

**SCHUKO socket outlet with hinged cover for barrier-free construction**

- Tactile symbol
- enhanced contact protection

- with self-closing hinged covers
- with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

Connection terminals according to IEC 60884-1



DESIGN	ORDER NO.	PU
polar white glossy	★ 4744 20 79	10

**Rockers - barrier-free construction**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.



**NEW**

**Rocker for barrier-free construction**

- Guide for mouth rod
- Clear lens

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang



SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502

DESIGN	ORDER NO.	PU
polar white glossy	★ 1661 20 49	10

**NEW**  **Rocker for barrier-free construction**

- Tactile light symbol
- Clear lens



- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502

DESIGN  
polar white glossy

ORDER NO.  
★ **1651 20 49** PU 10

**NEW**  **Rocker for barrier-free construction**

- Tactile bell symbol
- Clear lens



- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1 gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502

DESIGN  
polar white glossy

ORDER NO.  
★ **1651 20 89** PU 10

**NEW**  **Rocker for barrier-free construction**

- Tactile symbol for door opener
- Clear lens



- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1 gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-button		page 22
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	502

DESIGN  
polar white glossy

ORDER NO.  
★ **1651 20 69** PU 10



R.x

BERKER R.1



**B.**  
Berker



It stands unmistakably in the tradition of great switch programmes. And still, the Berker R.1 interprets the radius anew in its own way. With its soft frame contour and a variety of functional versions, the soft round switch is an ideal accompaniment for all residential and furnishing projects.

- Great novelty in the tradition of major switch programmes
- Soft frame contour, wide range of function variants
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic



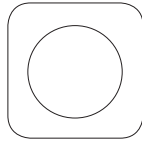
# BERKER R.1

## DIMENSIONS / PRODUCT EXAMPLES



Frame, 1gang

W 81.2 mm x H 81.2 mm, 1gang



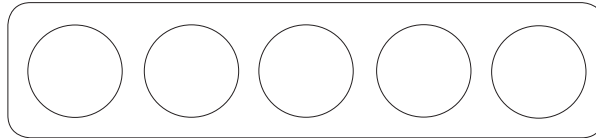
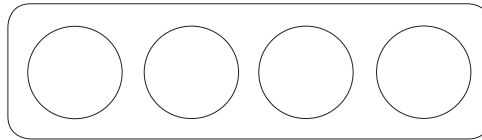
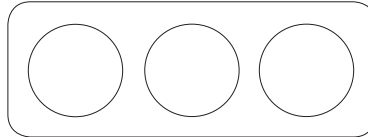
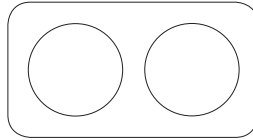
Frame, 2 to 5gang

W 152.2 mm x H 81.2 mm, 2gang

W 223.2 mm x H 81.2 mm, 3gang

W 294.2 mm x H 81.2 mm, 4gang

W 365.2 mm x h 81.2 mm, 5gang



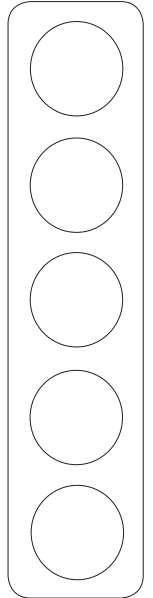
Frame 2 to 5gang, vertical

H 152.2 mm x W 81.2 mm, 2gang

H 223.2 mm x W 81.2 mm, 3gang

H 294.2 mm x W 81.2 mm, 4gang

H 365.2 mm x W 81.2 mm, 5gang



## PRODUCT EXAMPLES





FRAME

Plastic, glossy

Polar white

Black

similar to RAL 9010

similar to RAL 9005

Metal

Aluminium, natural anodised

Stainless steel, matt finish

COVERS / CENTRAL INSERTS

Plastic, glossy

Polar white

Black

similar to RAL 9010

similar to RAL 9005

Glass

polar white

black

similar to RAL 9010

similar to RAL 9005



**FRAME**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



**Frame**

■ for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealings IP44		page 501
		<b>i 976</b>

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	★ 1011 21 89	10
polar white glossy, 2gang	★ 1012 21 89	2
polar white glossy, 3gang	★ 1013 21 89	2
polar white glossy, 4gang	★ 1014 21 89	2
polar white glossy, 5gang	★ 1015 21 89	2



**Frame**

■ for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealings IP44		page 501
		<b>i 976</b>

DESIGN	ORDER NO.	PU
black glossy, 1gang	★ 1011 21 45	10
black glossy, 2gang	★ 1012 21 45	2
black glossy, 3gang	★ 1013 21 45	10
black glossy, 4gang	★ 1014 21 45	2
black glossy, 5gang	★ 1015 21 45	2



**Frame**

■ for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealings IP44		page 501
		<b>i 976</b>

DESIGN	ORDER NO.	PU
Aluminium/polar white, 1gang	★ 1011 21 74	10
Aluminium/polar white, 2gang	★ 1012 21 74	10
Aluminium/polar white, 3gang	★ 1013 21 74	10
Aluminium/polar white, 4gang	★ 1014 21 74	2
Aluminium/polar white, 5gang	★ 1015 21 74	2



**Frame**

■ for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealings IP44		page 501
		<b>i 976</b>

DESIGN	ORDER NO.	PU
aluminium/black, 1gang	★ 1011 21 84	10
aluminium/black, 2gang	★ 1012 21 84	10
aluminium/black, 3gang	★ 1013 21 84	10
aluminium/black, 4gang	★ 1014 21 84	2
aluminium/black, 5gang	★ 1015 21 84	2



Frame

■ for vertical and horizontal mounting

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**    **PAGE**  
page 501

**i 976**

DESIGN	ORDER NO.	PU
Stainless steel/polar white, 1gang	* 1011 21 14	10
Stainless steel/polar white, 2gang	* 1012 21 14	10
Stainless steel/polar white, 3gang	* 1013 21 14	10
Stainless steel/polar white, 4gang	* 1014 21 14	2
Stainless steel/polar white, 5gang	* 1015 21 14	2



Frame

■ for vertical and horizontal mounting

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**    **PAGE**  
page 501

**i 976**

DESIGN	ORDER NO.	PU
Stainless steel/black, 1gang	* 1011 21 04	10
Stainless steel/black, 2gang	* 1012 21 04	10
Stainless steel/black, 3gang	* 1013 21 04	10
Stainless steel/black, 4gang	* 1014 21 04	2
Stainless steel/black, 5gang	* 1015 21 04	2



Frame

■ for vertical and horizontal mounting

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**    **PAGE**  
page 501

**i 976**

DESIGN	ORDER NO.	PU
glass polar white , 1gang	* 1011 21 09	10
glass polar white, 2gang	* 1012 21 09	5
glass polar white, 3gang	* 1013 21 09	5
glass polar white, 4gang	* 1014 21 09	1
glass polar white, 5gang	* 1015 21 09	1



Frame

■ for vertical and horizontal mounting

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**    **PAGE**  
page 501

**i 976**

DESIGN	ORDER NO.	PU
glass black, 1gang	* 1011 21 16	10
glass black, 2gang	* 1012 21 16	5
glass black, 3gang	* 1013 21 16	5
glass black, 4gang	* 1014 21 16	1
glass black, 5gang	* 1015 21 16	1



**Frame**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	★ 1011 21 79	10
polar white glossy, 2gang vertical	★ 1012 21 69	2
polar white glossy, 3gang vertical	★ 1013 21 69	2
polar white glossy, 2gang horizontal	★ 1012 21 79	2
polar white glossy, 3gang horizontal	★ 1013 21 79	2



**Frame**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
black glossy, 1gang	★ 1011 21 35	10
black glossy, 2gang vertical	★ 1012 21 25	2
black glossy, 3gang vertical	★ 1013 21 25	2
black glossy, 2gang horizontal	★ 1012 21 35	10
black glossy, 3gang horizontal	★ 1013 21 35	2



BERKER R.3



**B.**  
Berker



FRAMES  
SURFACE-MOUNTED HOUSING

516-518  
518

The Berker R.3 celebrates the power of contrast: we combine circular centre plates with a continuously cornered frame. Superb side-effect: The Berker R.3 is ideally suited for installation in wall ducts.

- Exciting design (square frame, round centre plates)
- Ideal for installation in dado ducts
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic



product  
design award

2013



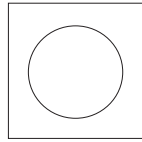
# BERKER R.3

## DIMENSIONS / PRODUCT EXAMPLES



Frame, 1gang

W 81.2 mm x H 81.2 mm, 1gang



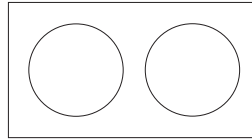
Frame, 2 to 5gang

W 152.2 mm x H 81.2 mm, 2gang

W 223.2 mm x H 81.2 mm, 3gang

W 294.2 mm x H 81.2 mm, 4gang

W 365.2 mm x h 81.2 mm, 5gang



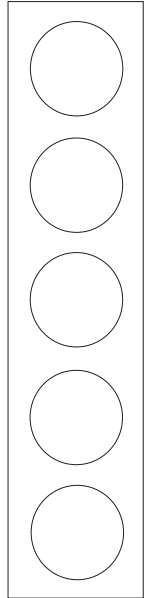
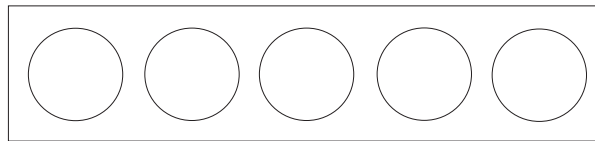
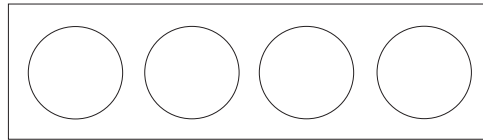
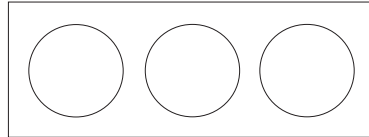
Frame 2 to 5gang, vertical

H 152.2 mm x W 81.2 mm, 2gang

H 223.2 mm x W 81.2 mm, 3gang

H 294.2 mm x W 81.2 mm, 4gang

H 365.2 mm x W 81.2 mm, 5gang



## PRODUCT EXAMPLES





FRAME

Plastic, glossy  
Polar white  
Black

similar to RAL 9010  
similar to RAL 9005

Glass  
polar white  
black

similar to RAL 9010  
similar to RAL 9005

Metal  
Aluminium, natural anodised  
Stainless steel, matt finish

COVERS / CENTRAL INSERTS

Plastic, glossy

Polar white      similar to RAL 9010  
Black              similar to RAL 9005



**FRAME**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



■ for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	★ <b>1011 22 89</b>	10
polar white glossy, 2gang	★ <b>1012 22 89</b>	2
polar white glossy, 3gang	★ <b>1013 22 89</b>	2
polar white glossy, 4gang	★ <b>1014 22 89</b>	2
polar white glossy, 5gang	★ <b>1015 22 89</b>	2

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**

**PAGE**  
page 501

**i 976**



■ for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
black glossy, 1gang	★ <b>1011 22 45</b>	10
black glossy, 2gang	★ <b>1012 22 45</b>	2
black glossy, 3gang	★ <b>1013 22 45</b>	10
black glossy, 4gang	★ <b>1014 22 45</b>	2
black glossy, 5gang	★ <b>1015 22 45</b>	2

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**

**PAGE**  
page 501

**i 976**



■ for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
Aluminium/polar white , 1gang	★ <b>1011 22 74</b>	10
Aluminium/polar white, 2gang	★ <b>1012 22 74</b>	10
Aluminium/polar white, 3gang	★ <b>1013 22 74</b>	10
Aluminium/polar white, 4gang	★ <b>1014 22 74</b>	2
Aluminium/polar white, 5gang	★ <b>1015 22 74</b>	2

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**

**PAGE**  
page 501

**i 976**



■ for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
aluminium/black, 1gang	★ <b>1011 22 84</b>	10
aluminium/black, 2gang	★ <b>1012 22 84</b>	10
aluminium/black, 3gang	★ <b>1013 22 84</b>	10
aluminium/black, 4gang	★ <b>1014 22 84</b>	2
aluminium/black, 5gang	★ <b>1015 22 84</b>	2

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**

**PAGE**  
page 501

**i 976**



Frame

■ for vertical and horizontal mounting

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**      **PAGE**  
page 501

**i 976**

DESIGN	ORDER NO.	PU
Stainless steel/polar white, 1gang	* 1011 22 14	10
Stainless steel/polar white, 2gang	* 1012 22 14	10
Stainless steel/polar white, 3gang	* 1013 22 14	10
Stainless steel/polar white, 4gang	* 1014 22 14	2
Stainless steel/polar white, 5gang	* 1015 22 14	2



Frame

■ for vertical and horizontal mounting

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**      **PAGE**  
page 501

**i 976**

DESIGN	ORDER NO.	PU
Stainless steel/black, 1gang	* 1011 22 04	10
Stainless steel/black, 2gang	* 1012 22 04	10
Stainless steel/black, 3gang	* 1013 22 04	10
Stainless steel/black, 4gang	* 1014 22 04	2
Stainless steel/black, 5gang	* 1015 22 04	2



Frame

■ for vertical and horizontal mounting

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**      **PAGE**  
page 501

**i 976**

DESIGN	ORDER NO.	PU
glass polar white, 1gang	* 1011 22 09	10
glass polar white, 2gang	* 1012 22 09	5
glass polar white, 3gang	* 1013 22 09	5
glass polar white, 4gang	* 1014 22 09	1
glass polar white, 5gang	* 1015 22 09	1



Frame

■ for vertical and horizontal mounting

**SUITABLE FOR**  
optional  
Sealings IP44

**ORDER NO.**      **PAGE**  
page 501

**i 976**

DESIGN	ORDER NO.	PU
glass black, 1gang	* 1011 22 16	10
glass black, 2gang	* 1012 22 16	5
glass black, 3gang	* 1013 22 16	5
glass black, 4gang	* 1014 22 16	1
glass black, 5gang	* 1015 22 16	1



**Frame**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	★ 1011 22 79	10
polar white glossy, 2gang vertical	★ 1012 22 69	2
polar white glossy, 3gang vertical	★ 1013 22 69	2
polar white glossy, 2gang horizontal	★ 1012 22 79	2
polar white glossy, 3gang horizontal	★ 1013 22 79	2



**Frame**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
black glossy, 1gang	★ 1011 22 35	10
black glossy, 2gang vertical	★ 1012 22 25	2
black glossy, 3gang vertical	★ 1013 22 25	2
black glossy, 2gang horizontal	★ 1012 22 35	2
black glossy, 3gang horizontal	★ 1013 22 35	2

**SURFACE-MOUNTED HOUSINGS**



**Housing surface-mounted**

Insertion depth

37 mm

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface
- for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	1041 89 89	10
polar white glossy, 2gang	1042 89 89	5
polar white glossy, 3gang	1043 89 89	5
black glossy, 1gang	★ 1041 89 35	10
black glossy, 2gang	★ 1042 89 35	5
black glossy, 3gang	★ 1043 89 35	5



SERIE 1930 / SERIE GLAS / SERIE PALAZZO / SERIE R.CLASSIC



**B.**  
Berker



SCHUKO SOCKET OUTLETS	522-523
INTERNATIONAL SOCKET OUTLET SYSTEMS	523-524
SWITCHES/PUSH-BUTTONS	524-527
ROTARY DIMMER	528
BLIND SWITCHES/PUSH-BUTTONS	529
COMMUNICATION/MULTIMEDIA TECHNOLOGY	530-539
USB CHARGING SOCKET OUTLETS	539
PILOT LAMPS	539-540
SUPPLEMENTARY PRODUCTS	540-541

Round switch programmes are among the classics of interior furnishing. Berker's round programmes, in turn, have permanently influenced switch design. And so the Berker Glass series today stands for switches that are the epitome of understated elegance. The origins of the Berker Serie 1930, in turn, can be traced back to the 1930s. We make the porcelain variant together with Rosenthal, Germany's most artistic porcelain brand.

**CENTRAL INSERTS**

SERIE 1930 / SERIE GLAS / SERIE PALAZZO

Plastic, glossy  
 Polar white      similar to RAL 9010  
 Black              similar to RAL 8022

METAL TOGGLE

Metal, refined  
 Brass, clear varnished  
 Brass, chrome-plated

All switches/push-buttons combinable with rotary toggle in polar white or black (incl. centre plate), chrome or brass

**SERIE R.CLASSIC**

Plastic, glossy  
 Polar white      similar to RAL 9010  
 Black              similar to RAL 8022

SCHUKO SOCKET OUTLETS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



**SCHUKO socket outlet**

- Installation position variable in 45° steps

■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

DESIGN ORDER NO. PU

**Berker Serie 1930/Glas/Palazzo**

polar white glossy 4745 20 10  
black glossy 4745 21 10

**Berker Serie R.classic**

polar white glossy ★ 4745 20 89 10  
black glossy ★ 4745 20 45 10



NEW



**SCHUKO socket outlet**

- enhanced contact protection  
- Installation position variable in 45° steps

■ with plug-in terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

DESIGN ORDER NO. PU

**Berker Serie 1930/Glas/Palazzo**

polar white glossy 4755 10  
black glossy 4755 01 10

**Berker Serie R.classic**

polar white glossy ★ 4755 20 89 10  
black glossy ★ 4755 20 45 10



NEW



**SCHUKO socket outlet**

- Installation position variable in 45° steps  
- Screw-in lift terminals

■ with screw-in lift terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

DESIGN ORDER NO. PU

**Berker Serie 1930/Glas/Palazzo**

polar white glossy 4145 20 10  
black glossy 4145 21 10

**Berker Serie R.classic**

polar white glossy ★ 4145 20 89 10  
black glossy ★ 4145 20 45 10



NEW



**NEW**



**SCHUKO socket outlet with LED orientation light**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Switch-on brightness	ca. 2 lx
Light intensity (white)	0.2 cd

- additional benefit by combination of a socket outlet with an orientation light
- long service life of the LED
- white LED light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- with screw-in lift terminals
- through-wiring possible, therefore also ideal for retrofitting

**i 911**

Caution!  
Items with special flush-mounted insert.  
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

DESIGN	ORDER NO.	PU
<b>Berker Serie R.classic</b>		
polar white glossy	* 4109 20 89	10
black glossy	* 4109 20 45	10



**SCHUKO socket outlets with hinged cover**

**NEW**



**SCHUKO socket outlet with hinged cover**

- enhanced contact protection
- Installation position variable in 45° steps



Rated voltage	250 V~
Rated current	16 A

- with self-closing hinged covers
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

**i 911**

Specially suited to combinations of several socket outlets if right angle plugs are used.

DESIGN	ORDER NO.	PU
<b>Berker Serie R.classic</b>		
polar white glossy	* 4744 20 89	10
black glossy	* 4744 20 45	10



**INTERNATIONAL SOCKET OUTLET SYSTEMS**

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

**Socket outlets with earthing pin**



**Socket outlet with earthing pin**

- Installation position variable in 45° steps
- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A

- 2pole + earth
- with plug-in terminals

**i 911**

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930/Glas/Palazzo</b>		
polar white glossy	6768 79	10
black glossy	6768 79 01	10
<b>Berker Serie R.classic</b>		
polar white glossy	* 67 6879 20 89	10
black glossy	* 67 6879 20 45	10



Series



**Socket outlet with earthing pin**

- Installation position variable in 45° steps
- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals



**i 911**

Rated voltage 250 V~  
Rated current 16 A

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930/Glas/Palazzo</b>		
polar white glossy	<b>6765 79</b>	10
black glossy	<b>6765 79 01</b>	10
<b>Berker Serie R.classic</b>		
polar white glossy	<b>* 67 6579 20 89</b>	10
black glossy	<b>* 67 6579 20 45</b>	10



**SWITCHES/PUSH-BUTTONS**

**Rotary switch**

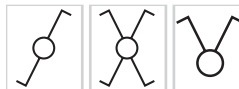


**Rotary switch**

Rated voltage 250 V~ ■ with screw terminals  
Switching current 10 AX

Switching sequence e.g. for clockwise series switch: 0 > 1 > 1+2 > 2 > 0

DESIGN	ORDER NO.	PU
Rotary switch, change-over	<b>3876 00</b>	1
Rotary switch, intermediate	<b>3877 00</b>	1
Rotary switch, series	<b>3875 00</b>	1



**Rotary switch, 2pole off**

Rated voltage 250 V~ ■ with screw terminals  
Switching current 10 AX

DESIGN	ORDER NO.	PU
Rotary switch, 2pole off	<b>3893 00</b>	1



**spring-return push-button**



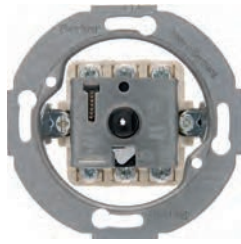
**Spring-return push-button, NC contact + NO contact**

Rated voltage 250 V~ ■ with screw terminals  
Momentary-contact current 10 A

Without centre plate also suitable for mounting with glass and decor cover plates.

DESIGN	ORDER NO.	PU
Spring-return push-button, NC contact + NO contact	<b>3846 00</b>	1





**Group spring-return push-button 2pole, isolated input terminals**

- 0 position



Rated voltage 250 V~  
Momentary-contact current 10 A

Without centre plate also suitable for mounting with glass and decor cover plates.

- also suitable as series push-button for blinds
- with screw terminals



DESIGN	ORDER NO.	PU
Group spring-return push-button 2pole, isolated input terminals	<b>3838 00</b>	1

**Centre plates for switches/push-buttons**



**Centre plate with toggle**

- for rotary switches and spring-return push-buttons
- of plastic

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930</b> polar white glossy	<b>1647</b>	1
black glossy	<b>1647 01</b>	1



**Centre plate with toggle, porcelain**

Centre plate of the Serie 1930 Porzellan Made by Rosenthal

- for rotary switches and spring-return push-buttons
- of porcelain

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930 Porzellan made by Rosenthal</b> polar white glossy	<b>1647 69</b>	1
black glossy	<b>1647 65</b>	1

**Cover plates for switches/push-buttons**



**Glass cover plate for rotary switch/spring-return push-button**

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- toughened glass
- for single mounting
- with polar white plastic base

DESIGN	ORDER NO.	PAGE
<b>Berker Serie Glas</b> clear glossy	<b>1090</b>	10
		<b>i 979</b>



**Glass cover centre plate for rotary switch/spring-return push-button**

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

DESIGN	ORDER NO.	PU
<b>Berker Serie Glas</b> clear glossy	<b>1095</b>	10
		<b>i 979</b>





**Glass cover end plate for rotary switch/spring-return push-button**

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

**i 979**

DESIGN	ORDER NO.	PU
<b>Berker Serie Glas</b>		
clear glossy	<b>1094</b>	10



**Decor cover plate for rotary switch/spring-return push-button**

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- for single mounting

SUITABLE FOR optional	ORDER NO.	PAGE
Spacer gland	1887	541

**i 979**

DESIGN	ORDER NO.	PU
<b>Berker Serie Palazzo</b>		
decorative white marble	# <b>1090 20</b>	1
decorative black marble	# <b>1090 22</b>	10
decorative brown root-wood	# <b>1090 21</b>	1



**Decor cover centre plate for rotary switch/spring-return push-button**

Combinations are only to be installed in simple combi boxes.

- for combination mounting

**i 979**

DESIGN	ORDER NO.	PU
<b>Berker Serie Palazzo</b>		
decorative white marble	# <b>1095 10</b>	10
decorative black marble	# <b>1095 12</b>	10
decorative brown root-wood	# <b>1095 11</b>	1



**Decor cover end plate for rotary switch/spring-return push-button**

Combinations are only to be installed in simple combi boxes.

- for combination mounting

**i 979**

DESIGN	ORDER NO.	PU
<b>Berker Serie Palazzo</b>		
decorative white marble	# <b>1094 10</b>	1
decorative black marble	# <b>1094 12</b>	1
decorative brown root-wood	# <b>1094 11</b>	1



**Chrome toggle**

- for rotary switch/rotary push-button with toggle

SUITABLE FOR	ORDER NO.	PAGE
Rotary switch spring-return push-button		page 524 page 524

DESIGN	ORDER NO.	PU
<b>Berker Serie Glas/Palazzo</b>		
brass, chrome-plated	<b>1812 01</b>	1



**Brass toggle**

■ for rotary switch/rotary push-button with toggle

**SUITABLE FOR**

Rotary switch  
spring-return push-button

**ORDER NO.**

**PAGE**  
page 524  
page 524

DESIGN

**Berker Serie Glas/Palazzo**

brass, clear varnished

ORDER NO.

**1812**

PU

1

**NEW**



**Cover plate with toggle for rotary switch/  
spring-return push-button**

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!  
The cover plates may only be mounted without frames.

■ plastic

DESIGN

**Berker Serie R.classic**

polar white glossy

black glossy

ORDER NO.

**\* 1001 20 89**

**\* 1001 20 45**

PU

1

1

**NEW**



**Cover plate with toggle for rotary switch/  
spring-return push-button**

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!  
The cover plates may only be mounted without frames.

DESIGN

**Berker Serie R.classic**

Aluminium/polar white, aluminium anodised

Aluminium/black, aluminium anodised

ORDER NO.

**\* 1001 20 74**

**\* 1001 20 84**

PU

1

1

**NEW**



**Cover plate with toggle for rotary switch/  
spring-return push-button**

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!  
The cover plates may only be mounted without frames.

DESIGN

**Berker Serie R.classic**

Stainless steel/polar white, metal matt finish

Stainless steel/black, metal matt finish

ORDER NO.

**\* 1001 20 14**

**\* 1001 20 04**

PU

1

1

**NEW**



**Cover plate with toggle for rotary switch/  
spring-return push-button**

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!  
The cover plates may only be mounted without frames.

DESIGN

**Berker Serie R.classic**

glass polar white

glass black

ORDER NO.

**\* 1001 20 83**

**\* 1001 20 55**

PU

1

1



Series

ROTARY DIMMER

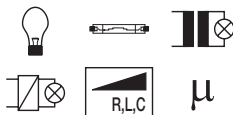


**Universal rotary dimmer with centre plate (R, L, C)**

- Soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Axis dimension Ø	4 mm



Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

- with input for extension units insert for universal rotary dimmer
- voltage test possible without dismantling
- phase cut-on or cut-off according to load type, self-learning
- with brightness memory
- bulb-preserving soft startup
- with incremental encoder
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Power booster built-in (R, L)	2869	63
<b>optional</b>		
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77
Tronic power booster built-in (R, C)	2868	63
Universal power booster Plus RMD	1 6599 01	62

**i 915**

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930/Glas/Palazzo</b>		
polar white glossy	<b>2834 10</b>	1
black glossy	<b>2834 11</b>	1
<b>Berker Serie R.classic</b>		
polar white glossy	★ <b>2834 20 89</b>	1
black glossy	★ <b>2834 20 45</b>	1



NEW



**Extension units insert for universal rotary dimmer**

- Soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
Number of substations	max. 5
Axis dimension Ø	4 mm

- as extension unit for universal rotary dimmer
- voltage test possible without dismantling
- with incremental encoder
- centre plate and setting knob
- with plug-in terminals

**i 915**

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930/Glas/Palazzo</b>		
polar white glossy	<b>2835 10</b>	1
black glossy	<b>2835 11</b>	1
<b>Berker Serie R.classic</b>		
polar white glossy	★ <b>2835 20 89</b>	1
black glossy	★ <b>2835 20 45</b>	1



NEW





**BLIND SWITCHES/PUSH-BUTTONS**

**Rotary switch for blinds**



**Rotary switch for blinds 1 pole with centre plate**

**- Rotary knobs**



Rated voltage  
Switching current

250 V~  
10 A

- with push lock function
- with neutral-position
- with screw terminals

**SUITABLE FOR**  
**optional**

Interlock disk for rotary switch for blinds

**ORDER NO.**

**PAGE**

page 529

Follow the motor manufacturers' instructions.

**i 910**

DESIGN

ORDER NO.

PU

**Berker Serie 1930/Glas/Palazzo**

polar white glossy

**3811**

1

black glossy

**3811 01**

1

**Berker Serie R.classic**

polar white glossy

**\* 3811 20 89**

1

black glossy

**\* 3811 20 45**

1



**Rotary switch for blinds 2 pole with centre plate**

**- Rotary knobs**



Rated voltage  
Switching current

250 V~  
10 A

- with push lock function
- with neutral-position
- with screw terminals

**SUITABLE FOR**  
**optional**

Interlock disk for rotary switch for blinds

**ORDER NO.**

**PAGE**

page 529

Follow the motor manufacturers' instructions.

**i 910**

DESIGN

ORDER NO.

PU

**Berker Serie 1930/Glas/Palazzo**

polar white glossy

**3812**

1

black glossy

**3812 01**

1

**Berker Serie R.classic**

polar white glossy

**\* 3812 20 89**

1

black glossy

**\* 3812 20 45**

1



**Interlock disk for rotary switch for blinds**

- for conversion to rotary push-button for roller shutter

**SUITABLE FOR**

Rotary switch for blinds 2pole with cen-  
tre plate  
Rotary switch for blinds 1pole with cen-  
tre plate

**ORDER NO.**

3812 ..

3811 ..

**PAGE**

529

529

DESIGN

ORDER NO.

PU

**Berker Serie 1930/Glas/Palazzo**

Interlock disk for rotary switch for blinds

**1861**

10

**Berker R.1/R.3/Serie R.classic**

Interlock disk for rotary switch for blinds

**\* 1861 01**

10



COMMUNICATION/MULTIMEDIA TECHNOLOGY

TAE socket outlets



Centre plate with TAE cut-out

- knock out



■ also for KNX applications: USB data interface, flush-mounted

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930/Glas/Palazzo</b>		
polar white glossy, with 2 knock out openings	<b>1040</b>	10
black glossy, with 2 knock out openings	<b>1040 01</b>	10



NEW

Centre plate with TAE cut-out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

■ also for KNX applications: USB data interface, flush-mounted

DESIGN	ORDER NO.	PU
<b>Berker Serie R.classic</b>		
polar white glossy	<b>* 1038 20 89</b>	10
black glossy	<b>* 1038 20 45</b>	10

FCC socket outlets



FCC socket outlet 8(4)pole, cat.3

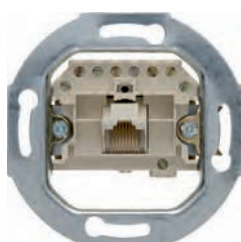
Rated voltage	125 V=	■ for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Rated current	1 A	■ with 45° oblique outlet
Transmission bandwidth	max. 16 MHz	■ with screw terminals
Conductor Ø	max. 1 mm	
Insertion depth	22 mm	
Transition resistance	< 20 mΩ	

**i 971**

Cat.3 to according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7



DESIGN	ORDER NO.	PU
white	<b>4568</b>	10



FCC socket outlet 8pole, cat.3

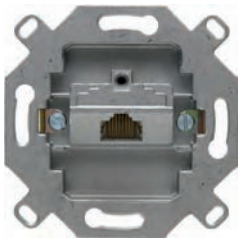
Rated voltage	125 V=	■ for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Rated current	1 A	■ with 45° oblique outlet
Transmission bandwidth	max. 16 MHz	■ with screw terminals
Conductor Ø	max. 1 mm	
Insertion depth	22 mm	
Transition resistance	< 20 mΩ	

**i 971**

Cat.3 to according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7



DESIGN	ORDER NO.	PU
white	<b>4538</b>	10



**FCC socket outlet 8pole shielded, cat.5e**

Rated voltage	72 V=
Rated current	0.75 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 100 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

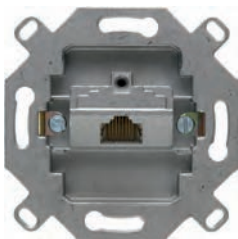
- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and cable clamp
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Cat.5, class D, shielded according to ISO/IEC 11801  
cat.5e according to TIA/EIA 568-B.2  
Protective screen according to DIN EN 55022, class B  
Design to according to DIN EN 60603-7-3  
Colour code A and B according to TIA/EIA-568-B.2

**i 971**



DESIGN	ORDER NO.	PU
FCC socket outlet 8pole shielded, cat.5e	<b>4554</b>	10



**FCC socket outlet 8pole shielded, cat.6A iso**

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm
Transition resistance	< 20 mΩ

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and cable clamp
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Cat.6<sub>A</sub> iso, Class E<sub>A</sub>, shielded according to ISO/IEC 11801  
A2  
Protective screen according to DIN EN 55022, class B  
Design to according to DIN IEC 60603-7-51  
Colour code A and B according to TIA/EIA-568-B.2

**i 971**



DESIGN	ORDER NO.	PU
FCC socket outlet 8pole shielded, cat.6A iso	<b>4586</b>	10



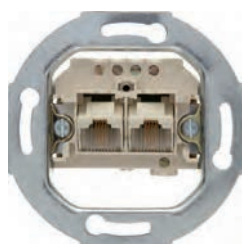
**Centre plate for FCC socket outlet**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 1gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930/Glas/Palazzo</b>		
polar white glossy	<b>1407</b>	10
black glossy	<b>1407 01</b>	10
<b>Berker Serie R.classic</b>		
polar white glossy	<b>* 1407 20 89</b>	10
black glossy	<b>* 1407 20 45</b>	10





**FCC socket outlet 2x8(4)pole, cat.3**

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Conductor Ø	max. 1 mm
Insertion depth	22 mm
Transition resistance	< 20 mΩ

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- with 45° oblique outlet
- with screw terminals

**i 971**

Cat.3 to according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7



DESIGN	ORDER NO.	PU
white	<b>4562</b>	10



**FCC connection socket outlet 2x8(4)pole, cat.3**

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Resistor	100 Ω
Conductor Ø	max. 1 mm
Insertion depth	22 mm
Transition resistance	< 20 mΩ

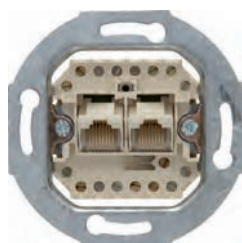
- as socket outlet for ISDN-So-Bus installations
- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- for telephone installations as single box
- with 45° oblique outlet
- with screw terminals

**i 971**

Cat.3 to according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7



DESIGN	ORDER NO.	PU
white	<b># 4592</b>	10



**FCC socket outlet 8/8pole, cat.3**

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Conductor Ø	max. 1 mm
Insertion depth	22 mm
Transition resistance	< 20 mΩ

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

**i 971**

Cat.3 to according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7



DESIGN	ORDER NO.	PU
white	<b>4539</b>	10



**FCC socket outlet 8/8pole shielded, cat.5e**

Rated voltage	72 V=
Rated current	0.75 A
Transmission bandwidth	max. 100 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm
Transition resistance	< 20 mΩ

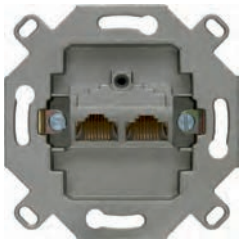
- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and cable clamp
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

**i 971**

Cat.5, class D, shielded according to ISO/IEC 11801  
cat.5e according to TIA/EIA 568-B.2  
Protective screen according to DIN EN 55022, class B  
Design to according to DIN EN 60603-7-3  
Colour code A and B according to TIA/EIA-568-B.2



DESIGN	ORDER NO.	PU
FCC socket outlet 8/8pole shielded, cat.5e	<b>4555</b>	10



**FCC socket outlet 8/8pole shielded, cat.6A iso**

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and cable clamp
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Cat.6<sub>A</sub> iso, Class E<sub>A</sub>, shielded according to ISO/IEC 11801 A2  
 Protective screen according to DIN EN 55022, class B  
 Design to according to DIN IEC 60603-7-51  
 Colour code A and B according to TIA/EIA-568-B.2

**i 971**



DESIGN	ORDER NO.	PU
FCC socket outlet 8/8pole shielded, cat.6A iso	<b>4587</b>	10



**Centre plate for FCC socket outlet 2gang**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 2gang socket outlet, cat.3, cat.5e and cat.6<sub>A</sub> iso
- with 45° oblique outlet

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930/Glas/Palazzo</b>		
polar white glossy	<b>1409</b>	10
black glossy	<b>1409 01</b>	10
<b>Berker Serie R.classic</b>		
polar white glossy	<b>* 1409 20 89</b>	10
black glossy	<b>* 1409 20 45</b>	10



**Modular UAE socket outlet 8/8pole shielded, cat.6A iso**

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	< 20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Insertion depth	35 mm
Copper conductor (solid) Ø	0.51 ... 0.64 (AWG 24-22) mm
Copper conductor (flexible) Ø	0.4 ... 0.53 (AWG 26) mm

- external eyelets on the supporting ring can be broken off for round designs
- die-cast zinc housing
- only suitable for RJ45 plugs
- with screen contacting 360° and cable clamp
- with straight outlet
- without spreader claws
- suitable for PoE+
- with IDC terminals
- with optional dust protection hinged covers

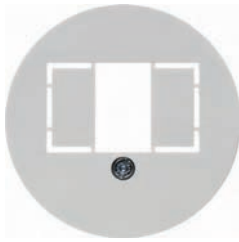
Cat.6<sub>A</sub> iso, Class E<sub>A</sub>, shielded according to ISO/IEC 11801 A2  
 Protective screen according to DIN EN 55022, class B  
 Design to according to DIN IEC 60603-7-51  
 Colour code A and B according to TIA/EIA-568-B.2

**i 970**



DESIGN	ORDER NO.	PU
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	<b>4588</b>	1





**Centre plate with TAE cut-out**

- **knock out**



For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

■ also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
230 V USB charging socket outlet	2600 0 ..	176
Loudspeaker connection box	4572 ..	177
Stereo loudspeaker connection box	4573 ..	177
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	165
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	165

DESIGN

ORDER NO.

PU

**Berker Serie 1930/Glas/Palazzo**

polar white glossy, with 2 knock out openings	<b>1040</b>	10
black glossy, with 2 knock out openings	<b>1040 01</b>	10

**NEW**



**Centre plate with TAE cut-out**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

■ also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
230 V USB charging socket outlet	2600 0 ..	176
Loudspeaker connection box	4572 ..	177
Stereo loudspeaker connection box	4573 ..	177
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	165
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	165

DESIGN

ORDER NO.

PU

**Berker Serie R.classic**

polar white glossy	<b>* 1038 20 89</b>	10
black glossy	<b>* 1038 20 45</b>	10

**Aerial sockets**

**NEW**



**Aerial socket 2hole single box**

- **DC-permeable**



Broadband technology	4 ... 2400 MHz
Wave impedance	75 Ω
For coaxial cables	75 Ω
Attenuation:	
- at 40 ... 68 MHz	3.5 dB
- at 87.5 ... 108 MHz	3.8 dB
- at 113 ... 174 MHz	2.5 dB
- at 174 ... 862 MHz	4 dB
- at 950 ... 2200 MHz	3 ... 4.9 dB
reverse channel compatible	4 ... 2400 MHz

- suitable for HDTV
- in star structure or decoupled spur lines
- DC voltage conducting
- for analogue and digital transmission
- for terrestrial reception
- remote supply via output socket
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- with screw terminals

**i 968**

Not suitable as terminal box.  
IEC 169-2 and EN 60728-11  
Shielding value according to EMC protection class A



DESIGN	ORDER NO.	PU
Aerial socket 2hole single box	<b>* 4502 01</b>	10



**Aerial socket, 2hole throughpass socket**

Broadband technology 4 ... 2400 MHz  
 Wave impedance 75 Ω  
 For coaxial cables 75 Ω  
 Attenuation:  
 - at 5 ... 111 MHz 14 dB  
 - at 111 ... 862 MHz 15 dB  
 - at 950 ... 2400 MHz 16 dB  
 Transmission loss:  
 - at 5 ... 111 MHz 1.5 dB  
 - at 111 ... 862 MHz 1 dB  
 - at 950 ... 2400 MHz 2.5 dB  
 reverse channel compatible 4 ... 2400 MHz

- suitable for HDTV
- in tree structure and trunk lines
- with decoupling device
- disables DC voltage
- for analogue and digital transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for SAT house distributors
- with screw terminals

**i 968**

EN 60728-4, -11  
 IEC 169-2 and EN 50083-2  
 Shielding value according to EMC protection class A



DESIGN	ORDER NO.	PU
Aerial socket, 2hole throughpass socket	* 4515 01	10



**Centre plate for aerial socket 2hole**

For aerial socket as per according to DIN 45330

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930/Glas/Palazzo</b>		
polar white glossy	1039 20	10
black glossy	1039 21	10

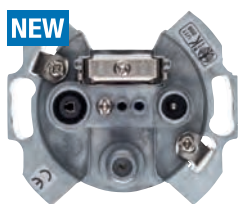


**Centre plate for aerial socket 2-/3hole**

For aerial socket as per according to DIN 45330

- with knock out SAT input

DESIGN	ORDER NO.	PU
<b>Berker Serie R.classic</b>		
polar white glossy	* 1203 20 89	10
black glossy	* 1203 20 45	10



**Aerial socket 3hole single box**

- DC-permeable



Broadband technology 5 ... 2400 MHz  
 Wave impedance 75 Ω  
 For coaxial cables 75 Ω  
 Attenuation:  
 - at 4 ... 30 MHz 3.5 dB  
 - at 40 ... 68 MHz 3.5 dB  
 - at 87.5 ... 108 MHz 3.8 dB  
 - at 113 ... 174 MHz 3.5 dB  
 - at 174 ... 862 MHz 4 dB  
 - at 950 ... 2400 MHz 1.5 ... 3 dB

- suitable for HDTV
- in star structure or decoupled spur lines
- DC voltage conducting
- for analogue and digital transmission
- for terrestrial reception
- remote supply via F-socket
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- with screw terminals

**i 968**

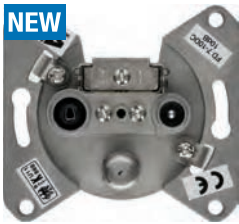
EN 60728-4, -11  
 IEC 169-2 and EN 50083-2  
 Shielding value according to EMC protection class A



DESIGN	ORDER NO.	PU
Aerial socket 3hole single box	* 4522 01	1



**NEW**



**Aerial socket 3hole throughpass socket**

Broadband technology	40 ... 2400 MHz
Wave impedance	75 Ω
For coaxial cables	75 Ω
Attenuation:	
- at 1.5 ... 26.1 MHz	11 dB
- at 47 ... 68 MHz	10.5 dB
- at 87.5 ... 108 MHz	10.5 dB
- at 111 ... 174 MHz	10 dB
- at 174 ... 862 MHz	10.5 dB
- at 950 ... 2050 MHz	10.5 dB
Transmission loss:	
- at 1.5 ... 26.1 MHz	1.5 dB
- at 47 ... 68 MHz	1.5 dB
- at 87.5 ... 108 MHz	1.5 dB
- at 111 ... 174 MHz	1 dB
- at 174 ... 862 MHz	2 dB
- at 950 ... 2050 MHz	3 dB

- suitable for HDTV
- in tree structure and trunk lines
- with decoupling device
- disables DC voltage
- for analogue and digital transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for SAT house distributors without supply voltage, e.g. single-cable solution
- with screw terminals

**i 968**

EN 60728-4, -11  
IEC 169-2 and EN 50083-2  
Shielding value according to EMC protection class A



DESIGN	ORDER NO.	PU
Aerial socket 3hole throughpass socket	★ <b>4523 01</b>	1

**NEW**



**Aerial socket 3hole throughpass socket**

**- DC-permeable**



Broadband technology	40 ... 2400 MHz
Wave impedance	75 Ω
For coaxial cables	75 Ω
Attenuation:	
- at 1.5 ... 26.1 MHz	11 dB
- at 47 ... 68 MHz	10.5 dB
- at 87.5 ... 108 MHz	10.5 dB
- at 111 ... 174 MHz	10 dB
- at 174 ... 862 MHz	10.5 dB
- at 950 ... 2050 MHz	10.5 dB
Transmission loss:	
- at 1.5 ... 26.1 MHz	1.5 dB
- at 47 ... 68 MHz	1.5 dB
- at 87.5 ... 108 MHz	1.5 dB
- at 111 ... 174 MHz	1 dB
- at 174 ... 862 MHz	2 dB
- at 950 ... 2050 MHz	3 dB

- suitable for HDTV
- in tree structure and trunk lines
- with decoupling device
- DC voltage conducting
- for analogue and digital transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for SAT house distributors
- suitable for unicable
- with screw terminals

**i 968**

In unicable systems, the last antenna socket must be closed with a terminating resistor (available in specialist shops) suitable for DC.

EN 60728-4, -11  
IEC 169-2 and EN 50083-2  
Shielding value according to EMC protection class A



DESIGN	ORDER NO.	PU
Aerial socket 3hole throughpass socket	★ <b>4593 01</b>	1





**Centre plate for aerial socket 3hole**

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930/Glas/Palazzo</b>		
polar white glossy	<b>1064 20</b>	10
black glossy	<b>1064 21</b>	10

**NEW**



**Aerial socket 4hole single box**

- DC-permeable



Broadband technology  
Wave impedance  
For coaxial cables

Attenuation:

- at 0.5 ... 26.1 MHz
- at 47 ... 68 MHz
- at 87.5 ... 108 MHz
- at 120 ... 174 MHz
- at 174 ... 862 MHz
- at 950 ... 2050 MHz

- 5 ... 2400 MHz
- 75 Ω
- 75 Ω
- 2 dB
- 2 dB
- 2 dB
- 4.5 dB
- 2 dB
- 4 dB

- suitable for HDTV
- in star structure or decoupled spur lines
- DC voltage conducting
- with 2 equal IEC outputs (socket and plug)
- with 2 independent SAT outputs (F-sleeves)
- for analogue and digital transmission
- for terrestrial reception
- also to add SAT programmes in broadband cable systems
- remote supply via F-sockets
- for community and broadband cable systems
- for multi-switch systems
- for single and distributor SAT systems
- for simultaneous connection of radio and TV receiver as well as 2 independent SAT receivers
- with screw terminals

EN 60728-4  
IEC 169-2 and EN 50083-2  
Shielding value according to EMC protection class A

**i 968**



DESIGN	ORDER NO.	PU
Aerial socket 4hole single box	<b>* 4594 01</b>	1

**NEW**



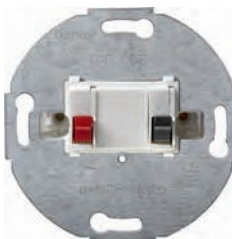
**Centre plate for aerial socket 4hole (Ankaro)**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- with 2 additional SAT outputs (F-sockets)

DESIGN	ORDER NO.	PU
<b>Berker Serie R.classic</b>		
polar white glossy	<b>* 1484 20 89</b>	10
black glossy	<b>* 1484 20 45</b>	10

**Audio socket outlets**



**Loudspeaker connection box**

Rated voltage  
Conductor cross-section

60 V=  
max. 10 mm<sup>2</sup>

- with plug-in terminals (on backside with screw terminals)

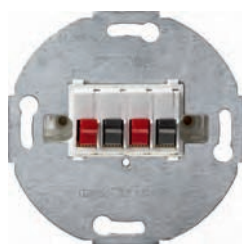
**i 911**



DESIGN	ORDER NO.	PU
polar white matt	<b>4572 09</b>	10
anthracite matt	<b>4572 05</b>	10



Series



**Stereo loudspeaker connection box**

Rated voltage  
Conductor cross-section

60 V=  
max. 10 mm<sup>2</sup>

■ with plug-in terminals (on backside with screw terminals)

**i 911**



DESIGN	ORDER NO.	PU
polar white matt	<b>4573 09</b>	10
anthracite matt	<b>4573 05</b>	10



**Centre plate with TAE cut-out**

- knock out



For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

■ also for KNX applications: USB data interface, flush-mounted  
■ also for TDO socket outlet

SUITABLE FOR	ORDER NO.	PAGE
230 V USB charging socket outlet	2600 ..	176
Loudspeaker connection box	4572 ..	177
Stereo loudspeaker connection box	4573 ..	177

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930/Glas/Palazzo</b>		
polar white glossy, with 2 knock out openings	<b>1040</b>	10
black glossy, with 2 knock out openings	<b>1040 01</b>	10



**Centre plate with TAE cut-out**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

■ also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
230 V USB charging socket outlet	2600 ..	176
Loudspeaker connection box	4572 ..	177
Stereo loudspeaker connection box	4573 ..	177

DESIGN	ORDER NO.	PU
<b>Berker Serie R.classic</b>		
polar white glossy	★ <b>1038 20 89</b>	10
black glossy	★ <b>1038 20 45</b>	10



**Insert with centre plate for small connector**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

For flange cover with 22.2 mm hole pitch to according to DIN 41529

■ for 1 or 2 connectors  
■ for diode plug-in devices  
■ for miniature plug-in devices  
■ for loudspeaker sockets  
■ with supporting ring  
■ 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Loudspeaker socket	1800	178

DESIGN	ORDER NO.	PU
<b>Berker Serie 1930/Glas/Palazzo</b>		
polar white glossy	<b>4508 20</b>	10
black glossy	<b>4508 21</b>	10



DESIGN	ORDER NO.	PU
<b>Berker Serie R.classic</b>		
polar white glossy	★ <b>1196 20 79</b>	10
black glossy	★ <b>1196 20 35</b>	10



**Loudspeaker socket**

Conductor cross-section  
DIN EN 60130-9

max. 2.5 mm<sup>2</sup> ■ for miniature connector insert  
■ with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Stereo loudspeaker socket outlet	4505 01	178
Insert with centre plate for small connector	4508 2 ..	538
Insert with centre plate for small connector	1196 20 ..	538
Entry for small connector	4505	179

**i 911**



DESIGN  
black

ORDER NO.  
**1800**

PU  
10

**USB CHARGING SOCKET OUTLETS**



**230 V USB charging socket outlet**

- Screw terminals



Input voltage 100 ... 240 V~  
Frequency 50/60 Hz  
Output voltage 5 V= (± 5 %)  
Output current per socket max. 1 A  
Output current when operating both sockets max. 1.4 A  
Power consumption (standby) 75 mW  
Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>  
Insertion depth 32 mm

- for charging mobile end devices via USB cable
- with 2 USB sockets type A
- short-circuit and overload proof (electronic fuse)
- with screw terminals (double for wiring through)

No data transmission possible!  
USB connections according to DIN EN 50558

DESIGN

ORDER NO.

PU

**Berker Serie R.classic**

polar white glossy  
black glossy

\* **2600 20 89**  
\* **2600 20 45**

1  
1



**PILOT LAMPS**



**Push-button/pilot lamp E10, NO contact, with centre plate**

Rated voltage  
Momentary-contact current  
Incandescent lamp power

250 V~  
2 A  
max. 2 W

- for illumination and monitoring circuit
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Neon lamp E10	1601	75
LED lamp E10	1678 ..	74

**i 910**

DESIGN

ORDER NO.

PU

**Berker Serie 1930/Glas/Palazzo**

polar white glossy  
black glossy

**5104**  
**5104 01**

1  
1





**Knob for push-button/pilot lamp E10**

**SUITABLE FOR** Push-button/pilot lamp E10, NO contact, 5104 ..  
with centre plate **ORDER NO.** 539 **PAGE**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1225</b>	10
black glossy	<b>1225 01</b>	10
polar white glossy <sup>1)</sup>	<b>1226</b>	10
polar white glossy <sup>2)</sup>	<b>1227</b>	10
red, transparent	<b>1229</b>	10
clear, transparent	<b>1229 02</b>	10

<sup>1)</sup> with imprinted symbol for light  
<sup>2)</sup> with imprinted symbol for bell



**Cover for push-button/pilot lamp E10**

**SUITABLE FOR** Push-button/pilot lamp E10, NO contact, 5104 ..  
with centre plate **ORDER NO.** 539 **PAGE**

DESIGN	ORDER NO.	PU
clear, transparent	<b>1221</b>	10
red, transparent	<b>1222</b>	10

**SUPPLEMENTARY PRODUCTS**

**Blind plates**



**Blind plug with centre plate**

- with supporting ring
- centre plate for plug-in fixing
- without spreader claws

DESIGN ORDER NO. PU

**Berker Serie 1930/Glas/Palazzo**

polar white glossy	<b>1009 20</b>	20
black glossy	<b>1009 21</b>	20

**Berker Serie R.classic**

polar white glossy	★ <b>1009 20 79</b>	20
black glossy	★ <b>1009 20 35</b>	20



**Blind plug with centre plate, base and spreader claws**

- with supporting plate
- centre plate for plug-in fixing
- with spreader claws

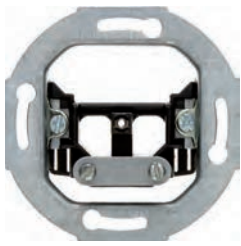
DESIGN ORDER NO. PU

**Berker Serie 1930/Glas/Palazzo**

polar white glossy	<b>6710 09 20</b>	10
black glossy	<b>6710 09 21</b>	10



**Cable outlet**



**Cable outlet with low installation depth**

- space-saving for relays, etc.
- for lines dia. max. 9 mm
- with strain relief
- without terminal block

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for cable outlet	1019 20 ..	174



DESIGN	ORDER NO.	PU
Cable outlet with low installation depth	<b>4468</b>	10



**Centre plate for cable outlet**

SUITABLE FOR	ORDER NO.	PAGE
Cable outlet with low installation depth		page 541

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker Serie 1930/Glas/Palazzo**

polar white glossy	<b>1037</b>	10
black glossy	<b>1037 01</b>	10

**Berker Serie R.classic**

polar white glossy	<b>* 1019 20 89</b>	10
black glossy	<b>* 1019 20 45</b>	10



**Mounting accessories**



**Spacer gland**

Spacing enlargement 20 mm ■ for the new flush-mounted box generation from Kaiser

Matches all boxes with SnapTunnel spouts of make Kaiser for combinations with:  
 - Full glass cover plates/glass frames of SERIE Glas  
 - Frames 1gang of SERIE 1930  
 - Full decor cover plates/decor frames of SERIE Palazzo  
 - Full cover plates with toggle of SERIE R.classic.

SUITABLE FOR	ORDER NO.	PAGE
Cover plate with toggle for rotary switch/ spring-return push-button	1001 20 ..	527
Glass cover plate for rotary switch/ spring-return push-button	1090	525
Decor cover plate for rotary switch/ spring-return push-button	1090 2 ..	526
Glass frame 1gang	1091	552
Decor frame	1091 1 ..	558
Frame 1gang	1381 0 ..	546
Frame	1381 6 ..	546

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker Serie 1930/Glas/R.classic**

red	<b>1887</b>	100
-----	-------------	-----



SERIE 1930



**B.**  
Berker

PORCELLAIN FRAMES	546
FRAME	546-547
SURFACE MOUNTED FRAMES	547
SUPPLEMENTARY PRODUCTS	547

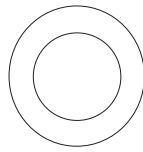
Berker and the Bauhaus are not only the same age (both were founded in 1919), but also share the same passion for pure shapes and pure functionality. Both qualities enthral clients and planners, even today. And because this is the case, the unmistakably Bauhaus-inspected Berker Serie 1930 can be found, not just in timelessly classic buildings, but also in trendy locations, such as the "Casa Camper" in Berlin (see photo on left).

■ Available surfaces: glossy in polar white, black

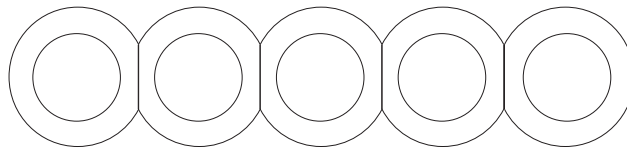
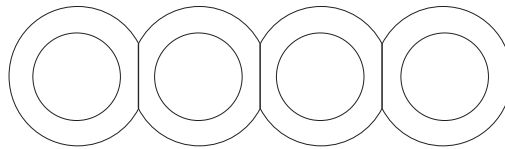
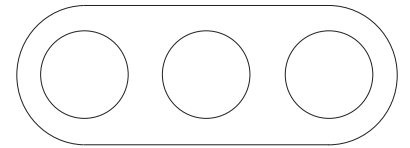
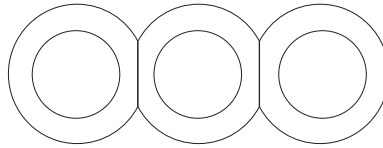
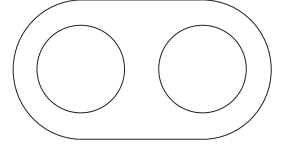
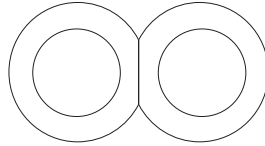
**SERIE 1930**  
DIMENSIONS / PRODUCT EXAMPLES



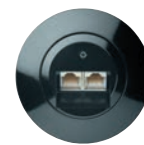
Frame, 1gang  
Ø 80 mm, 1gang



Frame, 2 to 5gang  
W 151 mm x H 80 mm, 2gang  
W 222 mm x H 80 mm, 3gang  
W 293 mm x H 80 mm, 4gang  
W 364 mm x H 80 mm, 5gang



PRODUCT EXAMPLES







FRAMES / COVER PLATES

Plastic, glossy

Polar white      similar to RAL 9010

Black              similar to RAL 8022

Porcelain, glossy

Polar white      similar to RAL 9010

Black              similar to RAL 8022

CENTRAL INSERTS

Plastic, glossy

Polar white      similar to RAL 9010

Black              similar to RAL 8022

*Rosenthal*



**DESIGN PLUS**

**PORCELLAIN FRAMES**



**Frame**

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

For integration of additional functions (e.g. socket outlet, rotary dimmer), the porcelain frame can be combined with all Serie 1930 centre inserts made of plastic.

- of porcelain
- for single mounting

**SUITABLE FOR optional**  
 Spacer gland

**ORDER NO.** 1887 **PAGE** 541

**i 979**

DESIGN	ORDER NO.	PU
porcelain, polar white glossy	<b>1381 69</b>	1
porcelain, black glossy	<b>1381 65</b>	1

**FRAME**

- Due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.



**Frame 1gang**

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- for single mounting

**SUITABLE FOR optional**  
 Spacer gland

**ORDER NO.** 1887 **PAGE** 541

**i 979**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1381 09</b>	10
black glossy	<b>1381 01</b>	10



**Centre frame**

Combinations are only to be installed in simple combi boxes.

- for combination mounting

**i 979**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1381 59</b>	10
black glossy	<b>1381 51</b>	10



**End frame**

Combinations are only to be installed in simple combi boxes.

- for combination mounting

**i 979**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1381 49</b>	10
black glossy	<b>1381 41</b>	10



**Frame 2gang**

- for vertical and horizontal mounting

**i 979**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1381 29</b>	2
black glossy	<b>1381 21</b>	2



**Frame 3gang**

- for vertical and horizontal mounting

**i 979**

DESIGN	ORDER NO.	PU
polar white glossy	<b>1381 39</b>	2
black glossy	<b>1381 31</b>	2

**SURFACE MOUNTED FRAMES**



**Frame 1gang surface-mounted**

Insertion depth 33.5 mm ■ with cable and duct entry

**SUITABLE FOR** **ORDER NO.** **PAGE**  
optional SUPPLEMENTARY PRODUCTS page 547

DESIGN	ORDER NO.	PU
polar white glossy	<b>1001 09</b>	10
black glossy	<b>1001 01</b>	10

**SUPPLEMENTARY PRODUCTS**



**Connector for multiple combinations**

Also suitable for units of the surface-mounted range. ■ to combine surface-mounted devices

**SUITABLE FOR** **ORDER NO.** **PAGE**  
Frame 1gang surface-mounted 1001 0 .. 547

DESIGN	ORDER NO.	PU
polar white	<b>1823 09</b>	10
black	<b>1823 05</b>	10



**Wire and duct entry**

Also suitable for surface-mounted frames and housings from the flush-mounted ranges. ■ for wire or 15 x 15 mm cable duct

**SUITABLE FOR** **ORDER NO.** **PAGE**  
Frame 1gang surface-mounted 1001 0 .. 547

DESIGN	ORDER NO.	PU
polar white	<b>1813 09</b>	10
black	<b>1813 05</b>	10



**Tube entry**

Distance from wall to centre of pipe 16 mm ■ for tubes with coupling dia. 20.5 mm (PG 13.5) and M 20

Also suitable for surface-mounted frames and housings from the flush-mounted ranges. ■ for tubes with Ø 15.2 mm (PG 9) and M 16

Suitable tubes for surface-mounted installation can be purchased at [www.fraenkische-elektro.de](http://www.fraenkische-elektro.de).

**SUITABLE FOR** **ORDER NO.** **PAGE**  
Frame 1gang surface-mounted 1001 0 .. 547

DESIGN	ORDER NO.	PU
polar white	<b>1817 09</b>	10
black	<b>1817 05</b>	10

**Base plates**



**Base plate 1gang, self-extinguishing**

- with imprint
- for mounting on combustible base surface

**SUITABLE FOR** **ORDER NO.** **PAGE**  
Frame 1gang surface-mounted 1001 0 .. 547

DESIGN	ORDER NO.	PU
polar white	<b>1331 19</b>	10
black	<b>1331 11</b>	10

SERIE GLAS



**B.**  
Berker

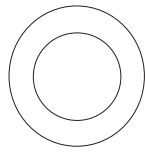
Simplicity. Attractive shape. Design elegance, produced by the function: all these qualities can be found at their zenith in the Berker Glass series, inspired by the styles of the Bauhaus.

- Fits into both older buildings and modern living spaces
- At home in any classical and modern architecture
- Switch foot made of real, clear glass

# SERIE GLAS

## DIMENSIONS / PRODUCT EXAMPLES

Frame, 1gang  
Ø 80 mm, 1gang



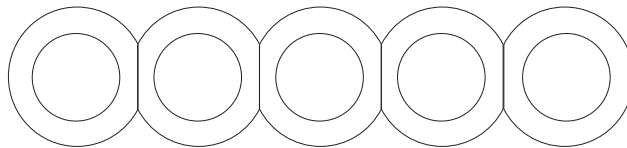
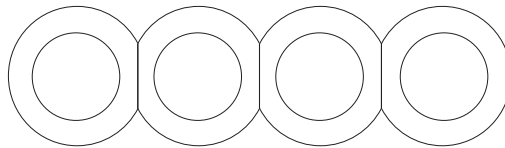
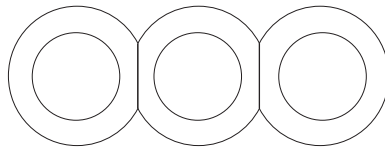
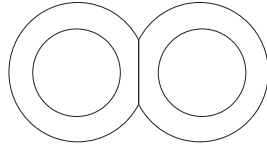
Frame, 2 to 5gang

W 151 mm x H 80 mm, 2gang

W 222 mm x H 80 mm, 3gang

W 293 mm x H 80 mm, 4gang

W 364 mm x H 80 mm, 5gang



## PRODUCT EXAMPLES





FRAMES / COVER PLATES

Glass, clear

CENTRAL INSERTS

Plastic, glossy

Polar white

similar to RAL 9010

Black

similar to RAL 8022



**FRAME**

- Due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.



**Glass frame 1gang**

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- toughened glass
- for single mounting
- with polar white plastic base

**SUITABLE FOR**

optional  
Spacer gland

**ORDER NO.**

1887

**PAGE**

541

**i 979**

DESIGN

clear glossy

ORDER NO.

**1091**

PU

10



**Glass centre frame**

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

**i 979**

DESIGN

clear glossy

ORDER NO.

**1093 00**

PU

10



**Glass end frame**

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

**i 979**

DESIGN

clear glossy

ORDER NO.

**1092 00**

PU

10



**Glass frame 2gang**

- toughened glass
- for vertical and horizontal mounting
- with polar white plastic base

**i 979**

DESIGN

clear glossy

ORDER NO.

**1102**

PU

2





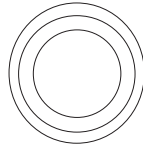


The exclusivity of any real estate can often only be seen in its fine details. A particularly chic detail is the Berker Palazzo series. With its decorative rings, gilded in 24-carat gold, and fine marble or root-wood finish, it is an unmistakable example of design greatness.

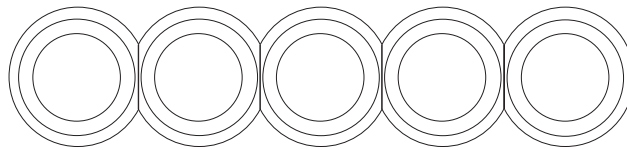
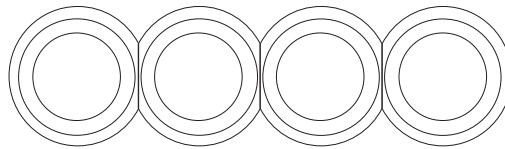
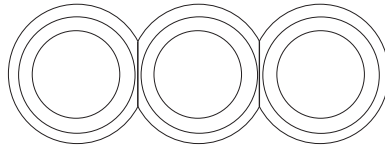
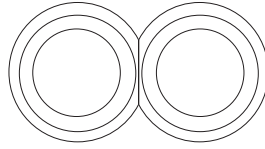
- Ultra-high-grade materials with marble or mahogany root-wood effects, framed in 24-carat real gold-plated decorative rings
- Available surface decorations: white marble, black marble, root-wood mahogany brown

**SERIE PALAZZO**  
DIMENSIONS / PRODUCT EXAMPLES

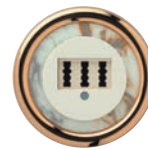
Frame, 1gang  
Ø 85 mm, 1gang



Frame, 2 to 5gang  
W 156 mm x H 85 mm, 2gang  
W 227 mm x H 85 mm, 3gang  
W 298 mm x H 85 mm, 4gang  
W 369 mm x H 85 mm, 5gang



PRODUCT EXAMPLES





FRAMES / COVERS

Plastic inlay Duro-Horn®, glossy  
white, decorative black  
marble, decorative brown  
marble, decorative root-wood  
decorative ring, metallised plastic,  
24 Karat vergoldet

CENTRAL INSERTS

Plastic, glossy  
Polar white      similar to RAL 9010  
Black              similar to RAL 8022

METAL KNOB

Metal, refined  
Brass, clear varnished  
Brass, chrome-plated



**FRAME**

- Due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.



**Decor frame**

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- for single mounting

**SUITABLE FOR**  
**optional**  
Spacer gland

**ORDER NO.**  
1887

**PAGE**  
541

**i 979**

DESIGN	ORDER NO.	PU
decorative white marble	# 1091 10	1
decorative black marble	# 1091 12	1
decorative brown root-wood	# 1091 11	1



**Decor centre frame**

Combinations are only to be installed in simple combi boxes.

- for combination mounting

**i 979**

DESIGN	ORDER NO.	PU
decorative white marble	# 1093 20	10
decorative black marble	# 1093 22	10
decorative brown root-wood	# 1093 21	1



**Decor end frame**

Combinations are only to be installed in simple combi boxes.

- for combination mounting

**i 979**

DESIGN	ORDER NO.	PU
decorative white marble	# 1092 20	1
decorative black marble	# 1092 22	1
decorative brown root-wood	# 1092 21	1







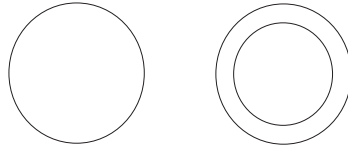
Can a switch awaken feelings? No switch has probably ever answered this question as emotionally as the Berker R.classic series. With its attractive, round shape, four high-quality material variants and sleek rotary toggle, it guarantees a great feeling: excitement.

- Contemporary development of the Berker Serie 1930
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic
- A new feature: frameless switches

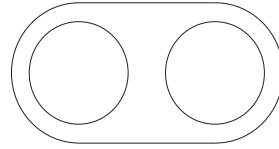


**SERIE R.CLASSIC**  
DIMENSIONS / PRODUCT EXAMPLES

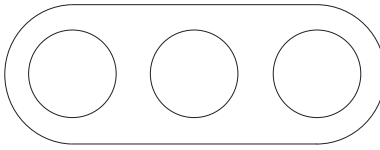
Frame, 1gang  
Ø 80.7 mm, 1gang



Frame, 2 to 3gang  
W 151.7 mm x H 80.7 mm, 2gang  
W 222.7 mm x H 80.7 mm, 3gang



Frame 2 to 3gang, vertical  
H 151.7 mm x W 80.7 mm, 2gang  
H 222.7 mm x W 80.7 mm, 3gang



PRODUCT EXAMPLES





FRAME

Plastic, glossy  
Polar white  
Black

similar to RAL 9010  
similar to RAL 9005

Metal  
Aluminium, natural anodised  
Stainless steel, matt finish

COVERS / CENTRAL INSERTS

Plastic, glossy  
Polar white similar to RAL 9010  
Black similar to RAL 9005

Glass  
Polar white similar to RAL 9010  
Black similar to RAL 9005



FRAME

NEW



Frame

■ for vertical and horizontal mounting

**i** 979

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	★ 1011 20 89	10
polar white glossy, 2gang	★ 1012 20 89	2
polar white glossy, 3gang	★ 1013 20 89	2

NEW



Frame

■ for vertical and horizontal mounting

**i** 979

DESIGN	ORDER NO.	PU
black glossy, 1gang	★ 1011 20 45	10
black glossy, 2gang	★ 1012 20 45	2
black glossy, 3gang	★ 1013 20 45	2

NEW



Frame

■ for vertical and horizontal mounting

**i** 979

DESIGN	ORDER NO.	PU
Aluminium/polar white, aluminium anodised, 1gang	★ 1011 20 74	10
Aluminium/polar white, aluminium anodised, 2gang	★ 1012 20 74	10
Aluminium/polar white, aluminium anodised, 3gang	★ 1013 20 74	10

NEW



Frame

■ for vertical and horizontal mounting

**i** 979

DESIGN	ORDER NO.	PU
Aluminium/black, aluminium anodised, 1gang	★ 1011 20 84	10
Aluminium/black, aluminium anodised, 2gang	★ 1012 20 84	10
Aluminium/black, aluminium anodised, 3gang	★ 1013 20 84	10

NEW



Frame

■ for vertical and horizontal mounting

**i** 979

DESIGN	ORDER NO.	PU
Stainless steel/polar white, metal matt finish, 1gang	★ 1011 20 14	10
Stainless steel/polar white, metal matt finish, 2gang	★ 1012 20 14	10
Stainless steel/polar white, metal matt finish, 3gang	★ 1013 20 14	10

NEW



Frame

■ for vertical and horizontal mounting

**i** 979

DESIGN	ORDER NO.	PU
Stainless steel/black, metal matt finish, 1gang	★ 1011 20 04	10
Stainless steel/black, metal matt finish, 2gang	★ 1012 20 04	10
Stainless steel/black, metal matt finish, 3gang	★ 1013 20 04	10

**NEW**



**Frame**

■ for vertical and horizontal mounting

**i 979**

DESIGN	ORDER NO.	PU
glass polar white, 1gang	* 1011 20 09	10
glass polar white, 2gang	* 1012 20 09	5
glass polar white, 3gang	* 1013 20 09	5

**NEW**



**Frame**

■ for vertical and horizontal mounting

**i 979**

DESIGN	ORDER NO.	PU
glass black, 1gang	* 1011 20 16	10
glass black, 2gang	* 1012 20 16	5
glass black, 3gang	* 1013 20 16	5



<b>BERKER B.IQ</b>	PUSH-BUTTONS (WITH THERMOSTAT), IR PUSH-BUTTONS WITH THERMOSTAT, (PLASTIC, ALUMINIUM, STAINLESS STEEL, GLASS)	568-582
<b>BERKER TS</b>	COVER PLATES, PUSH-BUTTONS, TS CRYSTAL BALL, TS SENSOR	584-605
<b>BERKER INTEGRO FLOW</b>	SOCKETS, COVERS, CENTRAL INSERTS, FRAMES (PLASTIC)	606-632
<b>BERKER MANUFACTURE</b>		634-639
<b>FLUSH-MOUNTED WET-ROOM INSTALLATION</b>	SEALS FOR FLUSH-MOUNTED SYSTEMS, COVERS K.1/K.5/Q.1/Q.3/R.1/R.3 ARSYS IP44, WG-UP IP44	640-666
<b>SURFACE-MOUNTED WET-ROOM INSTALLATION</b>	AQUATEC IP44, DIE-CAST IP44, ISO-PANZER IP44/IP66	668-707
<b>DRY SURFACE-MOUNTED INSTALLATION</b>	SURFACE-MOUNTED HOUSINGS FOR FLUSH-MOUNTED SYSTEMS, COVERS, COMPLETE DEVICES	708-716
<b>CONNECTING SYSTEMS AND ACCESSORIES</b>	ELECTRIC RANGE CONNECTION BOXES, CONNECTING DEVICES, ACCESSORY ARTICLES	718-725
<b>RADIO BUS OPERATING SYSTEMS</b>	WALL TRANSMITTERS, HAND-HELD TRANSMITTERS, PUSH-BUTTON SENSORS	726-744
<b>RADIO BUS TRANSMITTERS AND ACTUATORS</b>	SWITCHES, DIMMERS, TIME SWITCHES, MOTION DETECTORS, BLIND CONTROLLERS WALL TRANSMITTERS, HAND-HELD TRANSMITTERS	746-760
<b>KNX RADIO</b>	SWITCHES, DIMMERS, TIME SWITCHES, MOTION DETECTORS, BLIND CONTROLLERS WALL TRANSMITTERS, HAND-HELD TRANSMITTERS	762-790
<b>KNX OPERATING SYSTEMS</b>	PUSH-BUTTON SENSORS, PUSH-BUTTONS, B.IQ, TS SENSOR, VISUALISATIONS	794-850
<b>KNX SENSORS AND ACTUATORS</b>	MOTION DETECTORS, TEMPERATURE CONTROLLERS, PHYSICAL SENSORS, INTERFACES, TIME SWITCHES, RMD ACTUATORS, FLUSH-MOUNTED ACTUATORS	852-887
<b>KNX SYSTEM UNITS</b>	SYSTEM COMPONENTS, INTERFACES GATEWAYS, ALARM SYSTEM	888-895
<b>SECURITY AND SAFETY SYSTEMS</b>	ALARM CENTRAL UNIT, SIRENS, SMOKE DETECTORS	896-905
<b>TECHNICAL APPENDIX</b>	TECHNICAL INFORMATION, LEGENDS, PRODUCT DIRECTORY	906-1006





PUSH-BUTTONS	572-577
PUSH-BUTTON SENSORS WITH THERMOSTAT	578-579
IR PUSH-BUTTONS WITH THERMOSTAT	580-582
LABELLING FIELDS	582

A wide array of alternative materials and colours have been added to the convenient variety of KNX functionality of the Berker B.IQ.

- Frameless KNX push-button sensors with full-material rockers (glass, stainless steel and aluminium)
- High scope of functions in the KNX applications through to devices with integrated thermostats
- The attractive appearance is rounded off using white status LEDs and a blue operation LED.
- Suitable variants for all materials and colours of sockets in the Berker B.7 switch programme  
Available materials: plastic and glass in polar white, black and aluminium. Metal variants in aluminium and stainless steel



Dimensions

W 88.5 x H 88.5 mm, 1gang

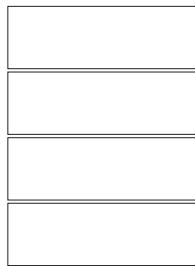
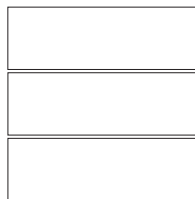
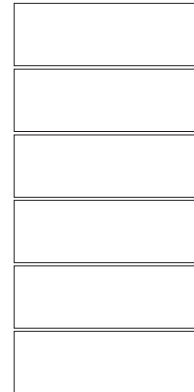
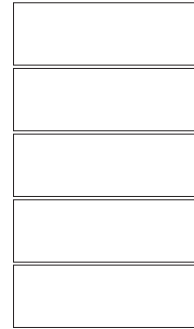
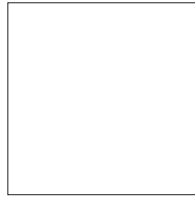
W 88.5 x H 88.5 mm, 2gang

W 88.5 x H 88.5 mm, 3gang

W 88.5 x H 118.1 mm, 4gang

W 88.5 x H 118.1 mm, 4gang + RTR

W 88.5 x H 178.8 mm, 5gang + RTR





SURFACES

Plastic  
Polar white similar to RAL 9010

Glass, glossy, print on the back  
Polar white similar to RAL 9010  
Black \* similar to RAL 9005

Metal  
Aluminium, anodised \*  
Stainless steel, brushed



\* New shade

**PUSH-BUTTONS**

- For switch, push-button, dimmer and shutter functions
- With 2 white status LEDs per rocker (labelling field illumination)
- With blue operation LED
- For installation in single standard wall boxes
- With dismantling protection
- For detailed information, in particular on the software functions, refer to the chapter “KNX operating systems”.

**Push-buttons comfort**



**B.IQ push-button comfort**

Operating temperature

-5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same “style” for additional applications, see the Design line B.7

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Bus coupling unit flush-mounted	7504 00 01	796
<b>optional</b>		
LABELLING FIELDS		page 582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt, 1gang <sup>1)</sup>	<b>7516 15 99</b>	1
polar white matt, 2gang <sup>1)</sup>	<b>7516 25 99</b>	1
polar white matt, 3gang <sup>1)</sup>	<b>7516 35 99</b>	1
polar white matt, 4gang <sup>2)</sup>	<b>7516 45 99</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 88.5 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 118.1 mm



**B.IQ push-button comfort**

Operating temperature

-5 ... +45 °C

Assembling height - metal, glass version

16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same “style” for additional applications, see the Design line B.7

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Bus coupling unit flush-mounted	7504 00 01	796
<b>optional</b>		
LABELLING FIELDS		page 582

**i 978**

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised, 1gang <sup>1)</sup>	★ <b>7516 15 94</b>	1
Aluminium, aluminium anodised, 2gang <sup>1)</sup>	★ <b>7516 25 94</b>	1
Aluminium, aluminium anodised, 3gang <sup>1)</sup>	★ <b>7516 35 94</b>	1
Aluminium, aluminium anodised, 4gang <sup>2)</sup>	★ <b>7516 45 94</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 88.5 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 118.1 mm



**B.IQ push-button comfort**

Operating temperature -5 ... +45 °C  
Assembling height - metal, glass version 16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
<b>optional</b>		
LABELLING FIELDS		page 582

**i 978**

DESIGN	ORDER NO.	PU
Stainless steel, metal brushed, 1gang <sup>1)</sup>	<b>7516 15 93</b>	1
Stainless steel, metal brushed, 2gang <sup>1)</sup>	<b>7516 25 93</b>	1
Stainless steel, metal brushed, 3gang <sup>1)</sup>	<b>7516 35 93</b>	1
Stainless steel, metal brushed, 4gang <sup>2)</sup>	<b>7516 45 93</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 88.5 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 118.1 mm



**B.IQ push-button comfort**

Operating temperature -5 ... +45 °C  
Assembling height - metal, glass version 16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
<b>optional</b>		
LABELLING FIELDS		page 582

**i 978**

DESIGN	ORDER NO.	PU
glass polar white, 1gang <sup>1)</sup>	<b>* 7516 15 90</b>	1
glass polar white, 2gang <sup>1)</sup>	<b>* 7516 25 90</b>	1
glass polar white, 3gang <sup>1)</sup>	<b>* 7516 35 90</b>	1
glass polar white, 4gang <sup>2)</sup>	<b>* 7516 45 90</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 88.5 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 118.1 mm



**B.IQ push-button comfort**

Operating temperature -5 ... +45 °C  
Assembling height - metal, glass version 16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

**SUITABLE FOR**  
Bus coupling unit flush-mounted  
**optional**  
LABELLING FIELDS

**ORDER NO.** 7504 00 01

**PAGE** 796

page 582

**i 978**

DESIGN	ORDER NO.	PU
glass black, 1gang <sup>1)</sup>	★ <b>7516 15 92</b>	1
glass black, 2gang <sup>1)</sup>	★ <b>7516 25 92</b>	1
glass black, 3gang <sup>1)</sup>	★ <b>7516 35 92</b>	1
glass black, 4gang <sup>2)</sup>	★ <b>7516 45 92</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 88.5 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 118.1 mm

**Push-buttons**



**B.IQ push-button**

Operating temperature -5 ... +45 °C

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same "style" for additional applications, see the Design line B.7

**SUITABLE FOR**  
Bus coupling unit flush-mounted  
**optional**  
LABELLING FIELDS

**ORDER NO.** 7504 00 01

**PAGE** 796

page 582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt, 1gang <sup>1)</sup>	<b>7516 10 99</b>	1
polar white matt, 2gang <sup>1)</sup>	<b>7516 20 99</b>	1
polar white matt, 3gang <sup>1)</sup>	<b>7516 30 99</b>	1
polar white matt, 4gang <sup>2)</sup>	<b>7516 40 99</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 88.5 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 118.1 mm



**B.IQ push-button**

Operating temperature -5 ... +45 °C  
Assembling height - metal, glass version 16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same "style" for additional applications, see the Design line B.7

**SUITABLE FOR**  
Bus coupling unit flush-mounted  
**optional**  
LABELLING FIELDS

**ORDER NO.** 7504 00 01

**PAGE** 796

page 582

**i 978**

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised, 1gang <sup>1)</sup>	★ <b>7516 10 94</b>	1
Aluminium, aluminium anodised, 2gang <sup>1)</sup>	★ <b>7516 20 94</b>	1
Aluminium, aluminium anodised, 3gang <sup>1)</sup>	★ <b>7516 30 94</b>	1
Aluminium, aluminium anodised, 4gang <sup>2)</sup>	★ <b>7516 40 94</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 88.5 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 118.1 mm



**B.IQ push-button**

Operating temperature -5 ... +45 °C  
Assembling height - metal, glass version 16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
<b>optional</b>		
LABELLING FIELDS		page 582

**i 978**

DESIGN	ORDER NO.	PU
Stainless steel, metal brushed, 1gang <sup>1)</sup>	<b>7516 10 93</b>	1
Stainless steel, metal brushed, 2gang <sup>1)</sup>	<b>7516 20 93</b>	1
Stainless steel, metal brushed, 3gang <sup>1)</sup>	<b>7516 30 93</b>	1
Stainless steel, metal brushed, 4gang <sup>2)</sup>	<b>7516 40 93</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 88.5 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 118.1 mm



**B.IQ push-button**

Operating temperature -5 ... +45 °C  
Assembling height - metal, glass version 16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
<b>optional</b>		
LABELLING FIELDS		page 582

**i 978**

DESIGN	ORDER NO.	PU
glass polar white, 1gang <sup>1)</sup>	<b>* 7516 10 90</b>	1
glass polar white, 2gang <sup>1)</sup>	<b>* 7516 20 90</b>	1
glass polar white, 3gang <sup>1)</sup>	<b>* 7516 30 90</b>	1
glass polar white, 4gang <sup>2)</sup>	<b>* 7516 40 90</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 88.5 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 118.1 mm



**B.IQ push-button**

Operating temperature -5 ... +45 °C  
Assembling height - metal, glass version 16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
<b>optional</b>		
LABELLING FIELDS		page 582

**i 978**

DESIGN	ORDER NO.	PU
glass black, 1gang <sup>1)</sup>	<b>* 7516 10 92</b>	1
glass black, 2gang <sup>1)</sup>	<b>* 7516 20 92</b>	1
glass black, 3gang <sup>1)</sup>	<b>* 7516 30 92</b>	1
glass black, 4gang <sup>2)</sup>	<b>* 7516 40 92</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 88.5 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 118.1 mm

**Light scenes push-buttons**



**B.IQ push-button 4gang for light scenes**

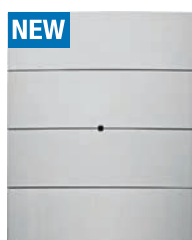
Light scenes max. 8  
 Operating temperature -5 ... +45 °C  
 Dimensions (W x H) 88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
<b>optional</b>		
B.IQ labelling field for push-buttons 4gang	7590 00 81	582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7516 86 99</b>	1



**B.IQ push-button 4gang for light scenes**

Light scenes max. 8  
 Operating temperature -5 ... +45 °C  
 Assembling height - metal, glass version 16.7 mm  
 Dimensions (W x H) 88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
<b>optional</b>		
B.IQ labelling field for push-buttons 4gang	7590 00 81	582

**i 978**

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised	<b>* 7516 86 94</b>	1



**B.IQ push-button 4gang for light scenes**

Light scenes max. 8  
 Operating temperature -5 ... +45 °C  
 Assembling height - metal, glass version 16.7 mm  
 Dimensions (W x H) 88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
<b>optional</b>		
B.IQ labelling field for push-buttons 4gang	7590 00 81	582

**i 978**

DESIGN	ORDER NO.	PU
Stainless steel, metal brushed	<b>7516 86 93</b>	1



**NEW**



**B.IQ push-button 4gang for light scenes**

Light scenes max. 8  
 Operating temperature -5 ... +45 °C  
 Assembling height - metal, glass version 16.7 mm  
 Dimensions (W x H) 88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
<b>optional</b>		
B.IQ labelling field for push-buttons 4gang	7590 00 81	582

**i 978**

DESIGN	ORDER NO.	PU
glass polar white	<b>* 7516 86 90</b>	1

**NEW**



**B.IQ push-button 4gang for light scenes**

Light scenes max. 8  
 Operating temperature -5 ... +45 °C  
 Assembling height - metal, glass version 16.7 mm  
 Dimensions (W x H) 88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
<b>optional</b>		
B.IQ labelling field for push-buttons 4gang	7590 00 81	582

**i 978**

DESIGN	ORDER NO.	PU
glass black	<b>* 7516 86 92</b>	1

**PUSH-BUTTON SENSORS WITH THERMOSTAT**

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- With 2 white status LEDs per rocker (labelling field illumination)
- With blue operation LED
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LC display with symbols and illumination, switchable via object
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- Provision of the internal temperature value via communication object
- For installation in single standard wall boxes
- With dismantling protection
- For detailed information, in particular on the software functions, refer to the chapter "KNX operating systems".



**Push-button with thermostat**

**- Display**



Operating temperature -5 ... +45 °C

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same "style" for additional applications, see the Design line B.7

**SUITABLE FOR** Flush-mounted bus coupling unit for B.IQ 7504 00 03 with thermostat  
**ORDER NO.** 836  
**PAGE** 836  
**optional** LABELLING FIELDS page 582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt, 3gang <sup>1)</sup>	<b>7566 35 99</b>	1
polar white matt, 4gang <sup>2)</sup>	<b>7566 45 99</b>	1
polar white matt, 5gang <sup>3)</sup>	<b>7566 55 99</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 119.6 mm

<sup>2)</sup> dimensions (W x H): 88.5 x 149.2 mm

<sup>3)</sup> dimensions (W x H): 88.5 x 178.8 mm



**Push-button with thermostat**

**- Display**



Operating temperature -5 ... +45 °C

Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same "style" for additional applications, see the Design line B.7

**SUITABLE FOR** Flush-mounted bus coupling unit for B.IQ 7504 00 03 with thermostat  
**ORDER NO.** 836  
**PAGE** 836  
**optional** LABELLING FIELDS page 582

**i 978**

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised, 3gang <sup>1)</sup>	<b>* 7566 35 94</b>	1
Aluminium, aluminium anodised, 4gang <sup>2)</sup>	<b>* 7566 45 94</b>	1
Aluminium, aluminium anodised, 5gang <sup>3)</sup>	<b>* 7566 55 94</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 119.6 mm

<sup>2)</sup> dimensions (W x H): 88.5 x 149.2 mm

<sup>3)</sup> dimensions (W x H): 88.5 x 178.8 mm



**Push-button with thermostat**

**- Display**



Operating temperature -5 ... +45 °C  
Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same "style" for additional applications, see the Design line B.7

**SUITABLE FOR** Flush-mounted bus coupling unit for B.IQ 7504 00 03 with thermostat  
**ORDER NO.** 836  
**PAGE**  
**optional** LABELLING FIELDS page 582

**i 978**

DESIGN	ORDER NO.	PU
Stainless steel, metal brushed, 3gang <sup>1)</sup>	<b>7566 35 93</b>	1
Stainless steel, metal brushed, 4gang <sup>2)</sup>	<b>7566 45 93</b>	1
Stainless steel, metal brushed, 5gang <sup>3)</sup>	<b>7566 55 93</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 119.6 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 149.2 mm  
<sup>3)</sup> dimensions (W x H): 88.5 x 178.8 mm



**Push-button with thermostat**

**- Display**



Operating temperature -5 ... +45 °C  
Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

**SUITABLE FOR** Flush-mounted bus coupling unit for B.IQ 7504 00 03 with thermostat  
**ORDER NO.** 836  
**PAGE**  
**optional** LABELLING FIELDS page 582

**i 978**

DESIGN	ORDER NO.	PU
glass polar white, 3gang <sup>1)</sup>	<b>* 7566 35 90</b>	1
glass polar white, 4gang <sup>2)</sup>	<b>* 7566 45 90</b>	1
glass polar white, 5gang <sup>3)</sup>	<b>* 7566 55 90</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 119.6 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 149.2 mm  
<sup>3)</sup> dimensions (W x H): 88.5 x 178.8 mm



**Push-button with thermostat**

**- Display**



Operating temperature -5 ... +45 °C  
Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

**SUITABLE FOR** Flush-mounted bus coupling unit for B.IQ 7504 00 03 with thermostat  
**ORDER NO.** 836  
**PAGE**  
**optional** LABELLING FIELDS page 582

**i 978**

DESIGN	ORDER NO.	PU
glass black, 3gang <sup>1)</sup>	<b>* 7566 35 92</b>	1
glass black, 4gang <sup>2)</sup>	<b>* 7566 45 92</b>	1
glass black, 5gang <sup>3)</sup>	<b>* 7566 55 92</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 119.6 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 149.2 mm  
<sup>3)</sup> dimensions (W x H): 88.5 x 178.8 mm

**IR PUSH-BUTTONS WITH THERMOSTAT**

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- With 2 white status LEDs per rocker (labelling field illumination)
- With blue operation LED
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LC display with symbols and illumination, switchable via object
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- Provision of the internal temperature value via communication object
- For installation in single standard wall boxes
- With dismantling protection
- For detailed information, in particular on the software functions, refer to the chapter "KNX operating systems".



**IR push-button with thermostat**

**- Display**



Operating temperature

-5 ... +45 °C

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ 7504 00 03 with thermostat		836
<b>optional</b>		
LABELLING FIELDS		page 582
Hand-held transmitter for B.IQ IR push-button	2779	839

**i 978**

DESIGN	ORDER NO.	PU
polar white matt, 3gang <sup>1)</sup>	<b>7566 36 99</b>	1
polar white matt, 4gang <sup>2)</sup>	<b>7566 46 99</b>	1
polar white matt, 5gang <sup>3)</sup>	<b>7566 56 99</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 128.6 mm

<sup>2)</sup> dimensions (W x H): 88.5 x 158.2 mm

<sup>3)</sup> dimensions (W x H): 88.5 x 187.8 mm



**IR push-button with thermostat**

**- Display**



Operating temperature

-5 ... +45 °C

Assembling height - metal, glass version

16.7 mm

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ 7504 00 03 with thermostat		836
<b>optional</b>		
LABELLING FIELDS		page 582
Hand-held transmitter for B.IQ IR push-button	2779	839

**i 978**

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised, 3gang <sup>1)</sup>	<b>* 7566 36 94</b>	1
Aluminium, aluminium anodised, 4gang <sup>2)</sup>	<b>* 7566 46 94</b>	1
Aluminium, aluminium anodised, 5gang <sup>3)</sup>	<b>* 7566 56 94</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 128.6 mm

<sup>2)</sup> dimensions (W x H): 88.5 x 158.2 mm

<sup>3)</sup> dimensions (W x H): 88.5 x 187.8 mm



**IR push-button with thermostat**

**- Display**



Operating temperature  
Assembling height - metal, glass version

-5 ... +45 °C  
16.7 mm

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ 7504 00 03 with thermostat		836
<b>optional</b>		
LABELLING FIELDS		page 582
Hand-held transmitter for B.IQ IR push-button	2779	839

**i 978**

DESIGN	ORDER NO.	PU
Stainless steel, metal brushed, 3gang <sup>1)</sup>	<b>7566 36 93</b>	1
Stainless steel, metal brushed, 4gang <sup>2)</sup>	<b>7566 46 93</b>	1
Stainless steel, metal brushed, 5gang <sup>3)</sup>	<b>7566 56 93</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 128.6 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 158.2 mm  
<sup>3)</sup> dimensions (W x H): 88.5 x 187.8 mm



**IR push-button with thermostat**

**- Display**



Operating temperature  
Assembling height - metal, glass version

-5 ... +45 °C  
16.7 mm

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ 7504 00 03 with thermostat		836
<b>optional</b>		
LABELLING FIELDS		page 582
Hand-held transmitter for B.IQ IR push-button	2779	839

**i 978**

DESIGN	ORDER NO.	PU
glass polar white, 3gang <sup>1)</sup>	<b>* 7566 36 90</b>	1
glass polar white, 4gang <sup>2)</sup>	<b>* 7566 46 90</b>	1
glass polar white, 5gang <sup>3)</sup>	<b>* 7566 56 90</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 128.6 mm  
<sup>2)</sup> dimensions (W x H): 88.5 x 158.2 mm  
<sup>3)</sup> dimensions (W x H): 88.5 x 187.8 mm



**IR push-button with thermostat**

**- Display**



Operating temperature -5 ... +45 °C  
Assembling height - metal, glass version 16.7 mm

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ 7504 00 03 with thermostat		836
<b>optional</b>		
LABELLING FIELDS		page 582
Hand-held transmitter for B.IQ IR push-button	2779	839

**i 978**

DESIGN	ORDER NO.	PU
glass black, 3gang <sup>1)</sup>	★ <b>7566 36 92</b>	1
glass black, 4gang <sup>2)</sup>	★ <b>7566 46 92</b>	1
glass black, 5gang <sup>3)</sup>	★ <b>7566 56 92</b>	1

<sup>1)</sup> dimensions (W x H): 88.5 x 128.6 mm

<sup>2)</sup> dimensions (W x H): 88.5 x 158.2 mm

<sup>3)</sup> dimensions (W x H): 88.5 x 187.8 mm

**LABELLING FIELDS**



**B.IQ labelling field for push-buttons 1 to 3gang**

Dimensions (W x H x D) 151.6 x 85 x 5.7 mm ■ can be illuminated by status LED

**i 978**

DESIGN	ORDER NO.	PU
clear, transparent	<b>7590 00 80</b>	1



**B.IQ labelling field for push-buttons 4gang**

Dimensions (W x H x D) 151.6 x 114.6 x 5.7 mm ■ can be illuminated by status LED

**i 978**

DESIGN	ORDER NO.	PU
clear, transparent	<b>7590 00 81</b>	1



**B.IQ labelling field for push-buttons 5gang**

Dimensions (W x H x D) 151.6 x 144.2 x 5.7 mm ■ can be illuminated by status LED

**i 978**

DESIGN	ORDER NO.	PU
clear, transparent	<b>7590 00 82</b>	1







COVER PLATES	588-589
BERKER TS CRYSTAL BALL	590
SUPPLEMENTARY PRODUCTS	590-593

Behind its elegantly purist exterior, there is an unexpected wealth of technical options: the Berker TS allows operation, not only of multiple light sources, but, if so desired, also of intelligent building control systems, such as Berker KNX or Berker Radio Bus. With their fine platform and switching knobs **MADE WITH SWAROVSKI ELEMENTS**, the Berker TS Crystal lends refinement to any atmosphere.

- Suitable for installation bus systems and relay circuits with safety extra-low voltage
- Material: glass
- Crystalline variation of push-buttons **MADE WITH SWAROVSKI ELEMENTS** for the glass platform of the Berker TS
- Push-buttons available in 4 colours



**reddot award**

Extravagance not only becomes manifest in a grand gesture, but also in perfect detail. The Berker TS Crystal Ball is a particularly attractive way of switching light in a glamorous way. Switches **MADE WITH SWAROVSKI ELEMENTS** not only control the light, but also bundle it in the brilliant manner, typical for **SWAROVSKI ELEMENTS**.

- A glamorous eye-catcher in any exclusive environment
- Button made of multifaceted **SWAROVSKI ELEMENT** with capacitive sensor surface for inclusion in bus systems using push-button interfaces
- Requires only a gentle touch to switch



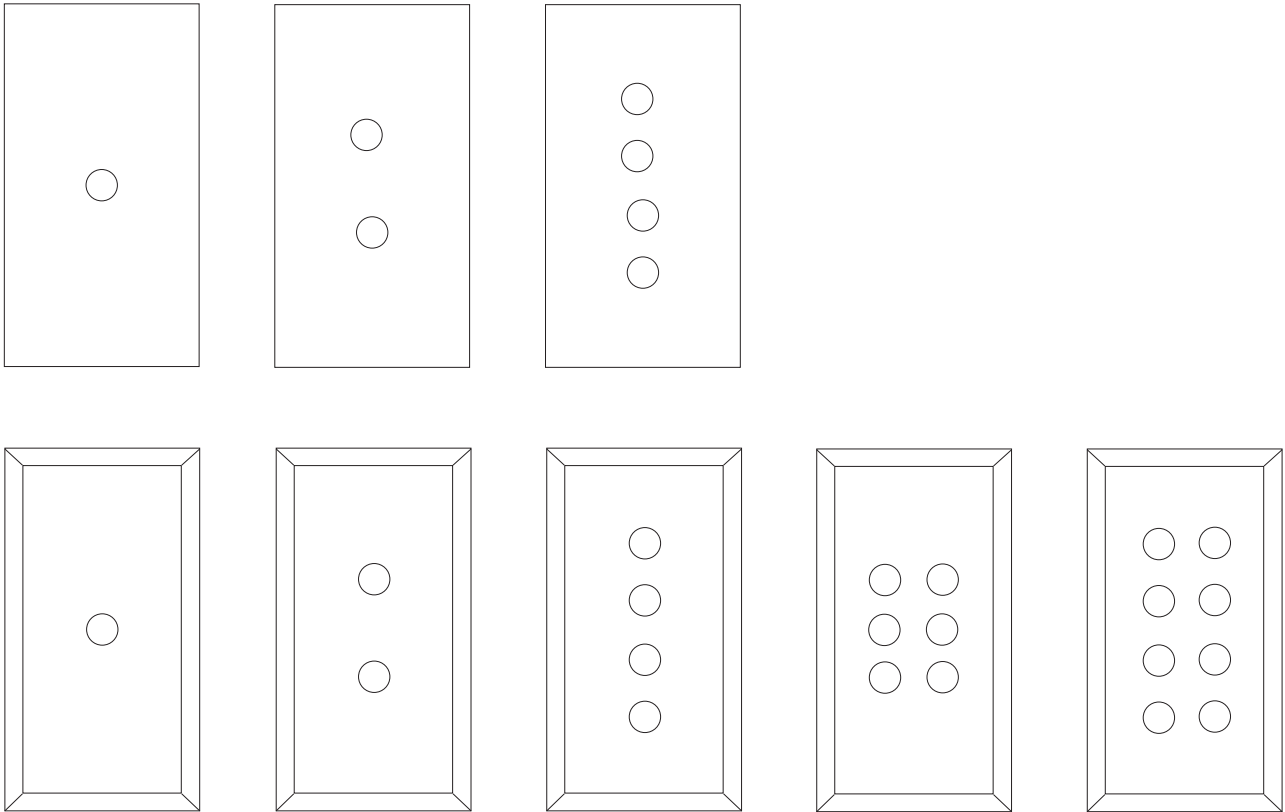
**DESIGN PLUS**

DESIGNPREIS  
2009  
NOMINIERT

**BERKER TS / TS CRYSTAL / TS CRYSTAL BALL**  
DIMENSIONS / PRODUCT EXAMPLES



Dimensions  
W 86 x H 160 mm



PRODUCT EXAMPLES





SURFACES

Glass, glossy, imprint on backside  
Polar white similar to RAL 9010

PUSH-BUTTON

Metal, brass, galvanised  
chrome, glossy  
gold, 24-carat, glossy  
stainless steel, matt brushed nickel

DECOR PLATE (TS CRYSTAL BALL)

Glass, mirrored

SENSOR SURFACE

Glass, mirrored (Swarovski Circle)

**COVER PLATES**



**Glass cover plate**

Dimensions (W x H x D) 86 x 160 x 5 mm  
Screw length 25 mm

Other components from the B.7 glass range are available, e.g. socket outlets. Observe scale drawings!

- glass with polar white imprint on the backside
- with polar white plastic base
- each with 2 3.5 x 25 mm two-hole screws in chrome, gold and stainless steel for dismantling protection
- with screwdriver
- for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
Berker TS Crystal		page 589
Push-button, NO contact	1811 1 ..	588
Wall box	1809	593
Wall box for installation in hollow walls	1824	593
<b>optional</b>		
Two-hole screws 2 x M3.5 x 50 mm	1895 1 ..	593

**i 977**

DESIGN	ORDER NO.	PU
clear glossy, 1gang	<b>1391</b>	1
clear glossy, 2gang	<b>1392</b>	1
clear glossy, 4gang	<b>1394</b>	1



**Glass cover plate with facet**

Dimensions (W x H x D) 86 x 160 x 5 mm  
Screw length 25 mm

- with all-round facet
- with polar white plastic base
- each with 2 3.5 x 25 mm two-hole screws in chrome, gold and stainless steel for dismantling protection
- with screwdriver
- for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
Berker TS Crystal		page 589
Push-button, NO contact	1811 1 ..	588
Wall box	1809	593
Wall box for installation in hollow walls	1824	593
<b>optional</b>		
Two-hole screws 2 x M3.5 x 50 mm	1895 1 ..	593

**i 977**

DESIGN	ORDER NO.	PU
clear glossy, 1gang	<b>1311</b>	1
clear glossy, 2gang	<b>1321</b>	1
clear glossy, 4gang	<b>1341</b>	1
clear glossy, 6gang	<b>1366</b>	1
clear glossy, 8gang	<b>1388</b>	1



**Push-button, NO contact**

Rated voltage 24 V  
Momentary-contact current 1.5 A  
Operating temperature -20 ... +60 °C  
Insertion depth 13 mm

- brass, refined
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
System interfaces		page 590
Binary inputs		page 592

Alternatively, can be used to control relay circuits.

**i 977**

Only suitable for safety low voltages!

DESIGN	ORDER NO.	PU
chrome glossy, brass galvanised	<b>1811 10</b>	10
gold glossy, 24-carat galvanised	<b>1811 12</b>	10
stainless steel matt, brushed nickel	<b>1811 13</b>	10

**Berker TS Crystal**



**Push-button Crystal**

Rated voltage 24 V  
Momentary-contact current 1.5 A  
Operating temperature -20 ... +60 °C  
Insertion depth 13 mm

- NO contact
- brass, refined
- with SWAROWSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

**SUITABLE FOR optional**  
System interfaces  
Binary inputs

**ORDER NO. PAGE**  
page 590  
page 592

**i 977**



DESIGN	ORDER NO.	PU
chrome glossy	<b>1964 00 01</b>	1



**Push-button Black Diamond**

Rated voltage 24 V  
Momentary-contact current 1.5 A  
Operating temperature -20 ... +60 °C  
Insertion depth 13 mm

- NO contact
- brass, refined
- with SWAROWSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

**SUITABLE FOR optional**  
System interfaces  
Binary inputs

**ORDER NO. PAGE**  
page 590  
page 592

**i 977**



DESIGN	ORDER NO.	PU
stainless steel matt	<b>1966 02 15</b>	1



**Push-button Siam**

Rated voltage 24 V  
Momentary-contact current 1.5 A  
Operating temperature -20 ... +60 °C  
Insertion depth 13 mm

- NO contact
- brass, refined
- with SWAROWSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

**SUITABLE FOR optional**  
System interfaces  
Binary inputs

**ORDER NO. PAGE**  
page 590  
page 592

**i 977**



DESIGN	ORDER NO.	PU
gold glossy	<b>1965 02 08</b>	1



**Push-button Topaz**

Rated voltage 24 V  
Momentary-contact current 1.5 A  
Operating temperature -20 ... +60 °C  
Insertion depth 13 mm

- NO contact
- brass, refined
- with SWAROWSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

**SUITABLE FOR optional**  
System interfaces  
Binary inputs

**ORDER NO. PAGE**  
page 590  
page 592

**i 977**



DESIGN	ORDER NO.	PU
gold glossy	<b>1965 02 03</b>	1

**BERKER TS CRYSTAL BALL**



**Crystal Ball**

Operating voltage	8 ... 30 V=
Current consumption (operation)	≈ 18.3 mA
Current consumption (idle)	≈ 4.3 mA
Switching voltage	max. 30 V
Momentary-contact current	10 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5 mm

- operation by gently touching the Crystal Ball
- with SWAROWSKI ELEMENTS
- with adapter ring for dismantling protection and shadow gap formation
- separate auxiliary power supply needed
- with disassembly suction tool
- NO contact
- with screw terminals
- KNX APPLICATIONS:
- for parameterisable functions, see universal interface, 2gang, flush-mounted
- operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- RADIO BUS APPLICATIONS:
- for settable functions, see the radio push-button interface
- for mounting, always use a 2gang wall box, order no. 1870

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang	1870	593
<b>optional</b>		
Universal interface 2gang flush-mounted	7564 20 01	591
Radio button interface 4gang flush-mounted	126	590
KNX radio binary input 2gang flush-mounted	8587 61 00	592

DESIGN	ORDER NO.	PU
glass clear, mirrored	<b>1685 78</b>	1

**SUPPLEMENTARY PRODUCTS**

**System interfaces**



**Radio button interface 4gang flush-mounted**

Operating voltage	3 V=
Contact cleaner power pulse current	3 mA
Radio transmission range (free field)	max. 100 m
Line length	≈ 290 mm
Cable length extendable to	max. 5 m
Dimensions (Ø x H)	38 x 10 mm
Battery service life [years]	≈ 3

- function setting by 5 DIP-switches
- functions: 1- and 2-push-button operation for switching and dimming, shutter control, light scenes,
- with red transmit and battery status LED
- each channel can be assigned to any number of radio receivers
- pre-assembled, with 4 cable pairs and plug
- to connect to max. 4 potential-free contacts
- with lithium coin cell battery 3 V type: CR 2032

For battery-operated radio remote control of all assigned radio bus receivers.

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 602
Berker TS Crystal		page 589
Push-button, NO contact	1811 1 ..	588
Crystal Ball	1685 78	590
Adapter for KNX and relay	7590 00 32	604
<b>replacement</b>		
Lithium coin cell battery 3 V	1857	593

**i 955**



DESIGN	ORDER NO.	PU
grey matt	<b>126</b>	1



**Universal interface 2gang flush-mounted**

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	≈ 250 mm
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- for impulse counter function, input 2 is required for the synchronising signal
- functions: impulse counter or switch counter for input 1
- for switch, push-button, dimmer and shutter functions
- 2 binary inputs, 2 outputs or 1 binary input and 1 output parameterisable
- with 2 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- extension unit for light scene push-button
- with programming button and red programming LED
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- shutter operation concept short-long-short and long-short parameterisable
- bus connection via connecting terminal
- object for logic operations (e.g. OR/AND/AND with feedback)
- objects for locking individual inputs and outputs
- objects: switching, forced guidance and feedback of respective output
- cyclic transmission parameterisable for switching function
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 602
Berker TS Crystal		page 589
Push-button, NO contact	1811 1 ..	588
Adapter for KNX and relay	7590 00 32	604

DESIGN	ORDER NO.	PU
light grey	<b>7564 20 01</b>	1



**Universal interface 4gang flush-mounted**

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current for channel 1 and channel 2	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	≈ 250 mm
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- for impulse counter function, inputs 3 and 4 are required for the synchronising signal
- functions: impulse counter or switch counter for inputs 1 and 2
- for switch, push-button, dimmer and shutter functions
- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- with 4 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- extension unit for light scene push-button
- with programming button and red programming LED
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- shutter operation concept short-long-short and long-short parameterisable
- bus connection via connecting terminal
- object for logic operations (e.g. OR/AND/AND with feedback)
- objects for locking individual inputs and outputs
- objects: switching, forced guidance and feedback of respective output
- cyclic transmission parameterisable for switching function
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 602
Berker TS Crystal		page 589
Push-button, NO contact	1811 1 ..	588
Adapter for KNX and relay	7590 00 32	604

DESIGN	ORDER NO.	PU
light grey	<b>7564 40 01</b>	1



**Universal interface 8gang flush-mounted**

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 20 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	10 m
Line length	max. 10 m
Dimensions (W x H x D)	44 x 48 x 32 mm

- for switch, push-button, dimmer and shutter functions
- 8 binary inputs, 8 outputs or 4 binary inputs and 4 outputs parameterisable
- with 8 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- extension unit for light scene push-button
- with programming button and red programming LED
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing and dimming
- shutter operation concept short-long-short and long-short parameterisable
- second operating level by object or 3-button handle (only 8-input application)
- bus connection via connecting terminal
- object for audio/video control
- objects: switching, forced guidance, feedback of respective output (only for application 4 inputs/4 outputs)
- cyclic transmission can also be started via switching object
- dimming / position value transmitter 1 byte
- short-circuit and overload proof (electronic fuse)
- protected against polarity reversal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 602
Berker TS Crystal		page 589
Push-button, NO contact	1811 1 ..	588
Adapter for KNX and relay	7590 00 32	604

DESIGN	ORDER NO.	PU
black	<b>7564 80 01</b>	1

**Binary inputs**



**KNX radio binary input 2gang flush-mounted**

Operating voltage	3 V=
Number of radio channels	2
Radio transmission power	< 10 mW
Radio transmission frequency	868.3 MHz
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Number of quicklink links	max. 20 transmitter/receiver
Operating temperature	-5 ... +45 °C
Line length	20 cm
Cable length extendable to	max. 10 m
Dimensions (Ø x H)	51 x 16 mm
Battery service life [years]	≈ 5
Radio protocol	KNX Radio

- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory, forced control, up/down push-button
- reset function (to factory setting)
- toolless quicklink configuration using buttons and LED display
- with configuration button
- with configuration LED
- activation, for example through switches, push-buttons, timers, blind timer switches, magnetic contact
- inputs, freely configurable
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- not dependent on mains power
- for connection to max. 2 potential-free contacts
- confectioned, with 4-core cable and plug
- for installation behind flush-mounted inserts
- with lithium battery 3 V type: CR 1/2 AA
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Berker TS Crystal		page 589
Crystal Ball	1685 78	590
Push-button, NO contact	1811 1 ..	588

DESIGN	ORDER NO.	PU
light grey	<b>* 8587 61 00</b>	1







**KNX binary input 6gang RMD 24 V AC/DC**

Operating voltage over bus	21 ... 32 V=
Signal voltage	8 ... 42 V~/=
Signal frequency	50/60 Hz
Signal current	4 mA
Signal duration	200 ms ... 100 % ED
Operating temperature	-5 ... +45 °C
Input cable length	max. 100 m
Assembling height as from DIN rail	58 mm
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	36 x 90 x 65 mm

- with 6 independent binary inputs with 2 GND connections
- with 6 yellow status LEDs for input states
- with programming button and red programming LED
- bus connection via connecting terminal
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Berker TS Crystal	1811 1 ..	page 589
Push-button, NO contact		588

External power supply 24 V necessary!  
Detects the presence of or change in a voltage level at its inputs and, depending on the chosen application, sends telegrams over the KNX.

DESIGN	ORDER NO.	PU
light grey	<b>7521 60 01</b>	1

**Wall boxes**



**Wall box**

- plastic

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Glass cover plate		page 588
Glass cover plate with facet		page 588

**i 977**

DESIGN	ORDER NO.	PU
Wall box	<b>1809</b>	50
Wall box for installation in hollow walls	<b>1824</b>	50



**Wall box 2gang**

Dimensions (W x H x D)	68 x 139 x 75 mm
Cut hole Ø	2 x 68 mm
Cut hole pitch	71 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Glass sensors	1685 78	page 602
Crystal Ball		590

**i 978**

DESIGN	ORDER NO.	PU
Wall box 2gang	<b>1870</b>	1

**Accessories**



**Two-hole screws 2 x M3.5 x 50 mm**

- brass, refined
- 2 pieces for fixing in deeper seated boxes

DESIGN	ORDER NO.	PU
chrome glossy, brass galvanised	<b>1895 10</b>	1
gold glossy, 24-carat galvanised	<b>1895 12</b>	1
stainless steel matt, brushed nickel	<b>1895 13</b>	1



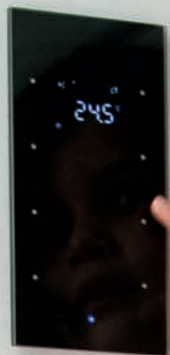
**Lithium coin cell battery 3 V**

Output voltage	3 V=
Charging capacity	0.18 Ah

- type: CR 2032
- 2 pcs. for replacement

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Radio button interface 4gang flush-mounted	126	590

DESIGN	ORDER NO.	PU
Lithium coin cell battery 3 V	<b>1857</b>	10



Understatement is an art, and the Berker TS Sensor makes it perfect. Up to eight functions are concealed under a pure surface that is practically flush with the wall, and can be custom-labelled on request. A single touch is all it takes to control lights, heating or blinds. In this way, the Berker TS sensor can offer an exciting variety of possibilities – and, at the same time, still seems as calm as possible.

Besides the KNX TS sensor with thermostat, a KNX TS sensor is now available with bus coupling unit.

- Suitable for installation bus systems and relay circuits
- Electronics are positioned directly on the back of the glass plate for exceptional switching reliability
- Super-flat design enables on-the-wall installation
- LEDs can be used to show readiness for operation and to display switching states
- Completely smooth surface made possible by screw-free fastening
- Labelling on the back for perfect protection

Design and labelling concept in three variants

- Standard: delivered without labelling and symbols
- Customised: pre-defined symbols, colours and labelling can be selected via Web Configurator;  
for further information, see [www.berker.de](http://www.berker.de)

Note: configuration cannot be changed once the order has been placed

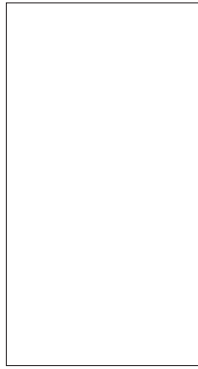
- Manufacture: individual design with free selection of fonts, colours and symbols.  
Contact your Berker sales representative for more information.



**BERKER TS SENSOR**  
DIMENSIONS / PRODUCT EXAMPLES

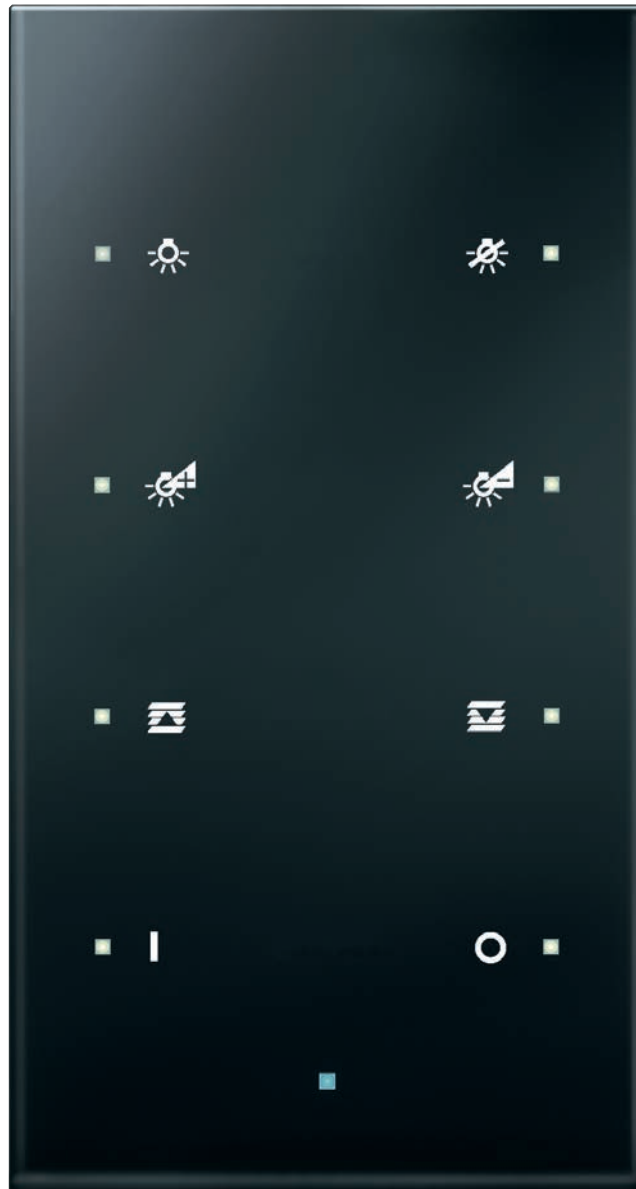


Dimensions  
W 86 x H 160 mm



PRODUCT EXAMPLES





SURFACES

Glass, glossy, print on the back

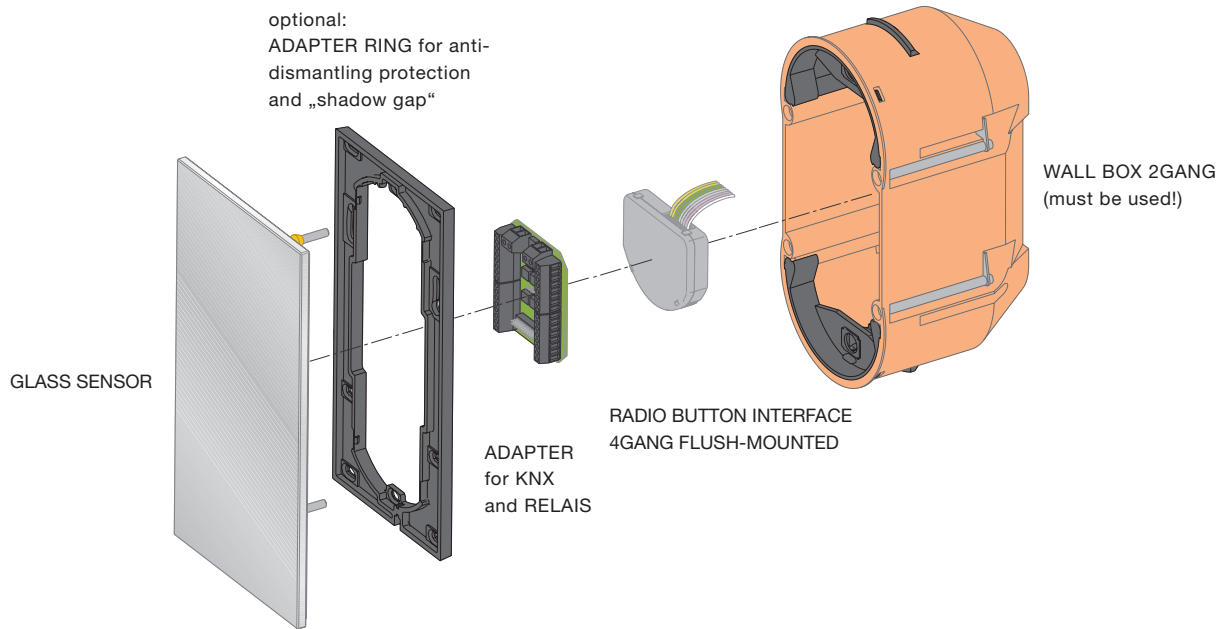
Polar white      similar to RAL 9010

Black             similar to RAL 9005

Aluminium      similar to RAL 9006

**MOUNTING**

Glass sensors are snapped in place on a wall box 2gang using adjustable retainingpins in such a way that the glass sensors are seated almost on the wall. The supplied adapter ring provides anti-dismantling protection and gives the glass plate shadow contours. The adjustable retaining pins can be used to compensate for deviating installation depths or irregularities of the wall of up to 20 mm.



**CONNECTION**

The glass sensor is connected to the interfaces of the respective systems via an adapter using a ribbon cable. The separate power supply must be connected to the respective adapter.



**CONNECTION**

The glass sensor with room thermostat and the glass sensor comfort are connected directly to the KNX bus and separate power supply using the connecting terminals located on the backside.

**REMOVAL**

To pull glass sensors out of the clamp springs of the wall box, use the supplied dismantling aid with suction cups.

**GLASS SENSORS**

**Glass sensors comfort**

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool
- Many options for labelling (text and/or icons) will be available **from August 2013** via the **new web configurator** at [www.berker.com](http://www.berker.com)
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.

**NEW**

**Glass sensor 1gang comfort**

**- integrated bus coupling unit**



Operating voltage 21 ... 32 V=  
 Current consumption 12.5 mA  
 Operating temperature -5 ... +45 °C  
 Dimensions (W x H x D) 86 x 160 x 5.7 mm  
 Only suitable for KNX.

- with blue operation LED and 2 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	605
<b>optional</b>		
Temperature sensor	161	152

**i 978**

DESIGN	ORDER NO.	PU
<b>Berker TS Sensor</b>		
glass polar white	* 7514 18 30	1
glass black	* 7514 18 35	1
glass aluminium	* 7514 10 34	1
<b>Berker TS Sensor - configured</b>		
glass polar white	* 7514 19 30	1
glass black	* 7514 19 35	1
glass aluminium	* 7514 11 34	1

**NEW**



**Glass sensor 2gang comfort**

**- integrated bus coupling unit**



Operating voltage 21 ... 32 V=  
Current consumption 12.5 mA  
Operating temperature -5 ... +45 °C  
Dimensions (W x H x D) 86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	605
<b>optional</b>		
Temperature sensor	161	152

**i 978**

DESIGN	ORDER NO.	PU
<b>Berker TS Sensor</b>		
glass polar white	★ 7514 28 30	1
glass black	★ 7514 28 35	1
glass aluminium	★ 7514 20 34	1
<b>Berker TS Sensor - configured</b>		
glass polar white	★ 7514 29 30	1
glass black	★ 7514 29 35	1
glass aluminium	★ 7514 21 34	1

**NEW**



**Glass sensor 3gang comfort**

**- integrated bus coupling unit**



Operating voltage 21 ... 32 V=  
Current consumption 12.5 mA  
Operating temperature -5 ... +45 °C  
Dimensions (W x H x D) 86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	605
<b>optional</b>		
Temperature sensor	161	152

**i 978**

DESIGN	ORDER NO.	PU
<b>Berker TS Sensor</b>		
glass polar white	★ 7514 38 30	1
glass black	★ 7514 38 35	1
glass aluminium	★ 7514 30 34	1
<b>Berker TS Sensor - configured</b>		
glass polar white	★ 7514 39 30	1
glass black	★ 7514 39 35	1
glass aluminium	★ 7514 31 34	1

**NEW**



**Glass sensor 4gang comfort**

**- integrated bus coupling unit**



Operating voltage 21 ... 32 V=  
Current consumption 12.5 mA  
Operating temperature -5 ... +45 °C  
Dimensions (W x H x D) 86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 8 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	605
<b>optional</b>		
Temperature sensor	161	152

**i 978**

DESIGN	ORDER NO.	PU
<b>Berker TS Sensor</b>		
glass polar white	★ 7514 48 30	1
glass black	★ 7514 48 35	1
glass aluminium	★ 7514 40 34	1



**Berker TS Sensor - configured**

glass polar white	<b>* 7514 49 30</b>	1
glass black	<b>* 7514 49 35</b>	1
glass aluminium	<b>* 7514 41 34</b>	1

**Glass sensors with thermostat**

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LED display with symbol display
- With 2 additional sensor surfaces for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Temperature control via local measurement or measured value via object
- With valve protection function
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Separate auxiliary power supply needed
- Operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection and shadow gap formation
- With disassembly suction tool
- Many options for printing see Web Configurator under [www.berker.de/ts-glas-sensor](http://www.berker.de/ts-glas-sensor)
- For individually printed glass sensors (configured variations) the Web Configurator generates an extended order no. that must be specified when placing the order.



**Glass sensor 2gang with thermostat**

**- integrated bus coupling unit**



Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm
Only suitable for KNX.	

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	605
<b>optional</b>		
Temperature sensor	161	152

**i 978**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker TS Sensor**

glass polar white	<b>* 7564 20 30</b>	1
glass black	<b>7564 20 35</b>	1
glass aluminium	<b>7564 20 34</b>	1

**Berker TS Sensor - configured**

glass polar white	<b>* 7564 21 30</b>	1
glass black	<b>7564 21 35</b>	1
glass aluminium	<b>7564 21 34</b>	1



**Glass sensor 3gang with thermostat**

**- integrated bus coupling unit**



Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	605
<b>optional</b>		
Temperature sensor	161	152

**i 978**

DESIGN	ORDER NO.	PU
<b>Berker TS Sensor</b>		
glass polar white	<b>* 7564 30 30</b>	1
glass black	<b>7564 30 35</b>	1
glass aluminium	<b>7564 30 34</b>	1
<b>Berker TS Sensor - configured</b>		
glass polar white	<b>* 7564 31 30</b>	1
glass black	<b>7564 31 35</b>	1
glass aluminium	<b>7564 31 34</b>	1

**Glass sensors**

- Operation by gently touching the sensor surfaces on the white LEDs
- The blue LED can be set for Continuously ON or external activation
- The white LED can be set for Sensor operation or external activation
- Separate auxiliary power supply needed
- For vertical mounting
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool



**Glass sensor 1gang**

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- flush wall mounting possible with wall box, 2gang, order no. 1870
- **RADIO BUS APPLICATIONS:**
- with one blue LED and 2 white LEDs, e.g. as orientation or control LEDs
- for settable functions, see the radio push-button interface
- wiring with adapter for KNX and relay
- **RELAY APPLICATIONS:**
- with one blue operation LED and 2 white status LEDs, e.g. as orientation or control LED
- wiring with adapter for KNX and relay

SUITABLE FOR	ORDER NO.	PAGE
Adapter for KNX and relay	7590 00 32	604
Wall box 2gang	1870	593
<b>optional</b>		
Radio button interface 4gang flush-mounted	126	590

**i 978**

DESIGN	ORDER NO.	PU
<b>Berker TS Sensor</b>		
glass polar white	<b>* 1681 00</b>	1
glass black	<b>1681 05</b>	1
glass aluminium	<b>1681 07</b>	1
<b>Berker TS Sensor - configured</b>		
glass polar white	<b>* 1691 00</b>	1
glass black	<b>1691 05</b>	1
glass aluminium	<b>1691 07</b>	1

NEW

**Glass sensor 2gang**

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Current consumption (operation)	≈ 26 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- flush wall mounting possible with wall box, 2gang, order no. 1870
- RADIO BUS APPLICATIONS:
- with one blue LED and 2 white LEDs, e.g. as orientation or control LEDs
- for settable functions, see the radio push-button interface
- wiring with adapter for KNX and relay
- RELAY APPLICATIONS:
- with one blue operation LED and 2 white status LEDs, e.g. as orientation or control LED
- wiring with adapter for KNX and relay

SUITABLE FOR	ORDER NO.	PAGE
Adapter for KNX and relay	7590 00 32	604
Wall box 2gang	1870	593
<b>optional</b>		
Radio button interface 4gang flush-mounted	126	590

**i 978**

DESIGN	ORDER NO.	PU
<b>Berker TS Sensor</b>		
glass polar white	* 1682 00	1
glass black	1682 05	1
glass aluminium	1682 07	1
<b>Berker TS Sensor - configured</b>		
glass polar white	* 1692 00	1
glass black	1692 05	1
glass aluminium	1692 07	1

NEW

**Glass sensor 3gang**

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Current consumption (operation)	≈ 32 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- flush wall mounting possible with wall box, 2gang, order no. 1870
- RADIO BUS APPLICATIONS:
- with one blue LED and 2 white LEDs, e.g. as orientation or control LEDs
- for settable functions, see the radio push-button interface
- wiring with adapter for KNX and relay
- RELAY APPLICATIONS:
- with one blue operation LED and 2 white status LEDs, e.g. as orientation or control LED
- wiring with adapter for KNX and relay

SUITABLE FOR	ORDER NO.	PAGE
Adapter for KNX and relay	7590 00 32	604
Wall box 2gang	1870	593
Wall box 2gang flat	1871	605
<b>optional</b>		
Radio button interface 4gang flush-mounted	126	590

**i 978**

DESIGN	ORDER NO.	PU
<b>Berker TS Sensor</b>		
glass polar white	* 1683 00	1
glass black	1683 05	1
glass aluminium	1683 07	1
<b>Berker TS Sensor - configured</b>		
glass polar white	* 1693 00	1
glass black	1693 05	1
glass aluminium	1693 07	1

**NEW**



**Glass sensor 4gang**

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Current consumption (operation)	≈ 38 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- flush wall mounting possible with wall box, 2gang, or order no. 1870
- **RADIO BUS APPLICATIONS:**
- with one blue LED and 2 white LEDs, e.g. as orientation or control LEDs
- for settable functions, see the radio push-button interface
- wiring with adapter for KNX and relay
- **RELAY APPLICATIONS:**
- with one blue operation LED and 2 white status LEDs, e.g. as orientation or control LED
- wiring with adapter for KNX and relay

SUITABLE FOR	ORDER NO.	PAGE
Adapter for KNX and relay	7590 00 32	604
Wall box 2gang	1870	593
Wall box 2gang flat	1871	605
<b>optional</b>		
Radio button interface 4gang flush-mounted	126	590

**i 978**

DESIGN	ORDER NO.	PU
<b>Berker TS Sensor</b>		
glass polar white	<b>* 1684 00</b>	1
glass black	<b>1684 05</b>	1
glass aluminium	<b>1684 07</b>	1
<b>Berker TS Sensor - configured</b>		
glass polar white	<b>* 1694 00</b>	1
glass black	<b>1694 05</b>	1
glass aluminium	<b>1694 07</b>	1

**SUPPLEMENTARY PRODUCTS**



**Adapter for KNX and relay**

- for wiring with universal interfaces, radio push-button interfaces or relay

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 602
System interfaces		page 604
<b>optional</b>		
Radio button interface 4gang flush-mounted	126	590

DESIGN	ORDER NO.	PU
Adapter for KNX and relay	<b>7590 00 32</b>	1

**System interfaces**



**Radio button interface 4gang flush-mounted**

Operating voltage	3 V=
Contact cleaner power pulse current	3 mA
Radio transmission range (free field)	max. 100 m
Line length	≈ 290 mm
Line length	≈ 290 mm
Cable length extendable to	max. 5 m
Dimensions (Ø x H)	38 x 10 mm
Battery service life [years]	≈ 3

- function setting by 5 DIP-switches
- functions: 1- and 2-push-button operation for switching and dimming, shutter control, light scenes,
- with red transmit and battery status LED
- each channel can be assigned to any number of radio receivers
- pre-assembled, with 4 cable pairs and plug
- to connect to max. 4 potential-free contacts
- with lithium coin cell battery 3 V type: CR 2032

For battery-operated radio remote control of all assigned radio bus receivers.

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 602
Crystal Ball	1685 78	590
Adapter for KNX and relay	7590 00 32	604
<b>replacement</b>		
Lithium coin cell battery 3 V	1857	593

**i 955**



DESIGN	ORDER NO.	PU
grey matt	<b>126</b>	1



**Lithium coin cell battery 3 V**

Charging capacity  
Output voltage

0.18 Ah ■ 2 pcs. for replacement  
3 V= ■ type: CR 2032

**SUITABLE FOR**

Radio wall transmitter insert  
Radio hand-held transmitter mini  
Radio button interface 4gang flush-mounted

**ORDER NO.**

2764  
2769  
126

**PAGE**

733  
729  
590

DESIGN

Lithium coin cell battery 3 V

ORDER NO.

**1857**

PU

10

**Wall boxes**



**Wall box 2gang flat**

Dimensions (W x H x D)  
Cut hole pitch  
Cut hole Ø

68 x 139 x 47.5 mm  
71 mm  
2 x 68 mm

■ flush wall-mounting or with adapter ring  
■ for flush mounting and hollow-wall mounting

**SUITABLE FOR**

Glass sensors comfort  
Glass sensors with thermostat

**ORDER NO.**

page 599  
page 601

**PAGE**

page 599  
page 601

**i 978**

DESIGN

Wall box 2gang flat

ORDER NO.

**1871**

PU

1



**Wall box 2gang**

Dimensions (W x H x D)  
Cut hole pitch  
Cut hole Ø

68 x 139 x 75 mm  
71 mm  
2 x 68 mm

■ flush wall-mounting or with adapter ring  
■ for flush mounting and hollow-wall mounting

**SUITABLE FOR**

Glass sensors

**ORDER NO.**

page 602

**PAGE**

page 602

**i 978**

DESIGN

Wall box 2gang

ORDER NO.

**1870**

PU

1



SCHUKO SOCKET OUTLETS	610-611
INTERNATIONAL SOCKET OUTLET SYSTEMS	611-615
SWITCHES/PUSH-BUTTONS	616-619
ROTARY DIMMER	620-621
BLIND PUSH-BUTTONS	621
COMMUNICATION/MULTIMEDIA TECHNOLOGY	622-625
USB CHARGING SOCKET OUTLETS	626
CONNECTING DEVICES 12 V	626
FRAME	627-628
SURFACE-MOUNTED HOUSING	629
SUPPLEMENTARY PRODUCTS	629-632

Especially in small areas, the perfect integration of a switch is essential. The Berker Integro Flow is a particularly successful example of this. With its vaulted surface, it fits perfectly into any environment – and does a wonderful job, even in the smallest of areas.

- Ultra-compact design - particularly suitable for use in mobile homes, kitchen furnishings, electrical appliances or for furniture construction and the field of sanitation
- Also fulfils special requirements, for example in boat construction and in laboratories
- Modular product concept
- Installation can be extended using the electronic Integro Control System (ICS)



Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

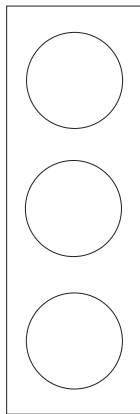
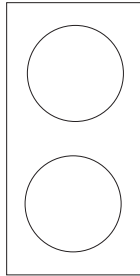
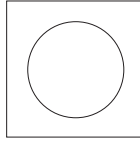
**BERKER INTEGRO FLOW**  
DIMENSIONS / PRODUCT EXAMPLES

Frame 1 to 3gang

W 59.5 mm x H 59.5 mm, 1gang

W 59.5 mm x H 119 mm, 2gang

W 59.5 mm x H 178.5 mm, 3gang



PRODUCT EXAMPLES







FRAMES / COVERS / CENTRAL INSERTS

Plastic, glossy

- Grey similar to RAL 7038
- Polar white similar to RAL 9010
- Black similar to RAL 9005

Plastic, lacquered

- Chrome matt similar to RAL 9006
- Stainless steel similar to RAL 9022

Plastic, matt

- Brown similar to RAL 8017
- Anthracite similar to RAL 7021



**SCHUKO SOCKET OUTLETS**

- For 4-hole screw fitting
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Thermoplastic centre plates
- Duroplast base
- Contacts made of copper alloy

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and frame with hinged cover (imprint "IP44").



**SCHUKO socket outlet**

- Screw terminals



Rated voltage  
Rated current

250 V~  
16 A

**SUITABLE FOR**

Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang  
Frame with hinged cover and imprint "IP44"  
Sealing

**ORDER NO.**

918 20  
918 8 ..  
9 191 ..  
919 33  
9 1828 ..  
918 53

**PAGE**

630  
630  
631  
631  
628  
632

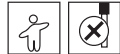
**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 4185 25 01</b>	10
anthracite matt	<b>9 4185 25 05</b>	10
grey matt	<b>9 4185 25 06</b>	10
polar white matt	<b>9 4185 25 02</b>	10
black matt	<b>9 4185 05</b>	10



**SCHUKO socket outlet**

- enhanced contact protection  
- Screw terminals



Rated voltage  
Rated current

250 V~  
16 A

**SUITABLE FOR**

Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang  
Frame with hinged cover and imprint "IP44"  
Sealing

**ORDER NO.**

918 20  
918 8 ..  
9 191 ..  
919 33  
9 1828 ..  
918 53

**PAGE**

630  
630  
631  
631  
628  
632

**i 980**

Enhanced contact protection (child protection) according to IEC 60884-1

DESIGN	ORDER NO.	PU
brown matt	<b>9 4195 25 01</b>	10
anthracite matt	<b>9 4195 25 05</b>	10
grey matt	<b>9 4195 25 06</b>	10
polar white matt	<b>9 4195 25 02</b>	10
black matt	<b>9 4195 05</b>	10



**SCHUKO socket outlet**

Rated voltage  
Rated current

250 V~  
16 A

■ with plug-in terminals

**SUITABLE FOR**

Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang  
Frame with hinged cover and imprint "IP44"  
Sealing

**ORDER NO.**

918 20  
918 8 ..  
9 191 ..  
919 33  
9 1828 ..  
918 53

**PAGE**

630  
630  
631  
631  
628  
632

**i 980**

Earth bracket clamping forces according to TNO requirements.  
Standard NEN 1010

DESIGN	ORDER NO.	PU
brown matt	<b>9 4778 25 01</b>	10
anthracite matt	<b>9 4778 25 05</b>	10
grey matt	<b>9 4778 25 06</b>	10
polar white matt	<b>9 4778 25 02</b>	10
black matt	<b>9 4778 25 03</b>	10





**SCHUKO socket outlet**

- enhanced contact protection



Rated voltage 250 V~  
Rated current 16 A

Earth bracket clamping forces according to TNO requirements.

Standard NEN 1010

Enhanced contact protection (child protection) according to IEC 60884-1

■ with plug-in terminals

**SUITABLE FOR**

	ORDER NO.	PAGE
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 8 ..	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631
Frame with hinged cover and imprint "IP44"	9 1828 ..	628
Sealing	918 53	632

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 4779 25 01</b>	10
anthracite matt	<b>9 4779 25 05</b>	10
grey matt	<b>9 4779 25 06</b>	10
polar white matt	<b>9 4779 25 02</b>	10
black matt	<b>9 4779 25 03</b>	10



**SCHUKO socket outlet 45°**

- Screw terminals



Rated voltage 250 V~  
Rated current 16 A

■ for diagonal installation

**SUITABLE FOR**

	ORDER NO.	PAGE
Contact protection box Ø 49 mm	918 8 ..	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631
Contact protection box Ø 58 mm for terminal attachment	818 37	631
Frame with hinged cover and imprint "IP44"	9 1828 ..	628
Sealing	918 53	632

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>8 4185 25 21</b>	200
anthracite matt	<b>8 4185 25 25</b>	200
grey matt	<b>8 4185 25 26</b>	200
polar white matt	<b>8 4185 25 22</b>	200
black matt	<b>8 4185 25</b>	200



**INTERNATIONAL SOCKET OUTLET SYSTEMS**

**Socket outlets without earthing contact**

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1



**Socket outlet without earth contact NETHERLANDS**

- Screw terminals



Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.5 mm

■ 2pole

**SUITABLE FOR**

	ORDER NO.	PAGE
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 8 ..	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 6184 25 01</b>	10
anthracite matt	<b>9 6184 25 05</b>	10
grey matt	<b>9 6184 25 06</b>	10
polar white matt	<b>9 6184 25 02</b>	10
black matt	<b>9 6184 05</b>	10





**Socket outlet without earth contact  
NETHERLANDS**

- enhanced contact protection
- Screw terminals



Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.5 mm

■ 2pole

**SUITABLE FOR**

Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang

**ORDER NO.**

918 20  
918 8 ..  
9 191 ..  
919 33

**PAGE**

630  
630  
631  
631

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 6194 25 01</b>	10
anthracite matt	<b>9 6194 25 05</b>	10
grey matt	<b>9 6194 25 06</b>	10
polar white matt	<b>9 6194 25 02</b>	10
black matt	<b>9 6194 05</b>	10



**Euro-American Standard socket outlets**



**Socket outlet without earth contact EURO-AMERICAN STANDARD**

- enhanced contact protection
- Screw terminals



Rated voltage 250 V~  
Rated current 10 A

■ 2pole

**SUITABLE FOR**

Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang

**ORDER NO.**

918 20  
918 8 ..  
9 191 ..  
919 33

**PAGE**

630  
630  
631  
631

**i 980**

Not suitable for SCHUKO plug according to DIN 49441.  
Standard GB 1002

DESIGN	ORDER NO.	PU
brown matt	<b>9 6257 25 01</b>	10
anthracite matt	<b>9 6257 25 05</b>	10
grey matt	<b>9 6257 25 06</b>	10
polar white matt	<b>9 6257 25 02</b>	10
black matt	<b>9 6257 25 03</b>	10



**Socket outlets with earthing pin**

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and frame with hinged cover (imprint "IP44").



**Socket outlet with earthing pin**

- Screw terminals



Rated voltage 250 V~  
Rated current 16 A

■ 2pole + earth

**SUITABLE FOR**

Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang  
Frame with hinged cover and imprint "IP44"  
Sealing

**ORDER NO.**

918 20  
918 8 ..  
9 191 ..  
919 33  
9 1828 ..  
918 53

**PAGE**

630  
630  
631  
631  
628  
632

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 6185 25 01</b>	10
anthracite matt	<b>9 6185 25 05</b>	10
grey matt	<b>9 6185 25 06</b>	10
polar white matt	<b>9 6185 25 02</b>	10
black matt	<b>9 6185 05</b>	10





**Socket outlet with earthing pin FRANCE/  
BELGIUM**

- enhanced contact protection
- Screw terminals



Rated voltage  
Rated current

250 V~  
16 A

- 2pole + earth

**SUITABLE FOR**

Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang  
Frame with hinged cover and imprint "IP44"  
Sealing

**ORDER NO.**

918 20  
918 8 ..  
9 191 ..  
919 33  
9 1828 ..  
918 53

**PAGE**

630  
630  
631  
631  
628  
632

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 6195 25 01</b>	10
anthracite matt	<b>9 6195 25 05</b>	10
grey matt	<b>9 6195 25 06</b>	10
polar white matt	<b>9 6195 25 02</b>	10
black matt	<b>9 6195 05</b>	10



**NEMA-socket outlets**

**NEW**



**Socket outlet with earthing contact USA/  
CANADA NEMA 5-15 R**

- Screw terminals



Rated voltage  
Rated current

125 V~  
15 A

- 2pole + earth

**SUITABLE FOR**

Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang

**ORDER NO.**

918 20  
918 8 ..  
9 191 ..  
919 33

**PAGE**

630  
630  
631  
631

**i 980**

DESIGN	ORDER NO.	PU
polar white matt, insert white	<b>* 8 6263 25 02</b>	200
black matt, Insert, brown	<b>* 8 6263 25 03</b>	200



**Socket outlet with earthing contact USA/  
CANADA NEMA 6-20 R**

- Screw terminals



Rated voltage  
Rated current

250 V~  
20 A

- 2pole + earth

**SUITABLE FOR**

Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang

**ORDER NO.**

918 20  
918 8 ..  
9 191 ..  
919 33

**PAGE**

630  
630  
631  
631

Connecting terminals only suitable for solid conductors.

**i 980**

DESIGN	ORDER NO.	PU
brown matt, Insert, brown	<b>8 6254 25 01</b>	200
anthracite matt, Insert, brown	<b>8 6254 25 05</b>	200
grey glossy, insert white	<b>8 6254 25 07</b>	200
polar white glossy, insert white	<b>8 6254 25 09</b>	200
black glossy, Insert, brown	<b>8 6254 25 10</b>	200



**Australian socket outlets**



**Socket outlet with earth contact AUSTRALIA  
15 A**

- Screw terminals



Rated voltage  
Rated current

250 V~  
15 A

- 2pole + earth
- contact screws, cross-head, size PH2

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 8 ..	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631

**i 980**

DESIGN	ORDER NO.	PU
brown matt, insert black	<b>9 6256 25 01</b>	10
anthracite matt, insert black	<b>9 6256 25 05</b>	10
grey matt, insert black	<b>9 6256 25 06</b>	10
polar white matt, insert black	<b>9 6256 25 02</b>	10
black matt, insert black	<b>9 6256 05</b>	10



**Danish socket outlets**



**Socket outlet with earth contact DENMARK**

- enhanced contact protection  
- Screw terminals



Rated voltage  
Rated current

250 V~  
13 A

- 2pole + earth

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 8 ..	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631

**i 980**

Standard DK/SR 107-2-D1

DESIGN	ORDER NO.	PU
brown matt	<b>9 6272 25 01</b>	10
anthracite matt	<b>9 6272 25 05</b>	10
grey matt	<b>9 6272 25 06</b>	10
polar white matt	<b>9 6272 25 02</b>	10
black matt	<b>9 6272 05</b>	10



**Italian socket outlets**



**NEW**

**Socket outlet with earthing contact ITALY**

- enhanced contact protection  
- Screw terminals



Rated voltage  
Rated current

250 V~  
16 A

- 2pole + earth
- enhanced contact protection IEC 60884-1
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 49 mm	918 87	630
Contact protection box Ø 49 mm, deep	918 83	630
Contact protection box 2gang	9 1915 0 ..	631
Contact protection box 3gang	919 33	631

Not suitable for fixing clamping ring.

DESIGN	ORDER NO.	PU
anthracite matt, insert black	<b>* 9 6251 25 05</b>	10
black matt, insert black	<b>* 9 6251 25 03</b>	10
polar white matt, insert white	<b>* 9 6251 25 02</b>	10



**Swiss socket outlets**

- Connection terminals according to IEC 60884-1



**Socket outlet with earth contact  
SWITZERLAND type 13**

- Screw terminals



Rated voltage  
Rated current

250 V~  
10 A

- 2pole + earth

**SUITABLE FOR**

Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang

**ORDER NO.**

918 8 ..  
9 191 ..  
919 33

**PAGE**

630  
631  
631

**i 980**

Not suitable for fixing clamping ring.

DESIGN	ORDER NO.	PU
brown matt	<b>9 6249 25 01</b>	10
anthracite matt	<b>9 6249 25 05</b>	10
grey matt	<b>9 6249 25 06</b>	10
polar white matt	<b>9 6249 25 02</b>	10
black matt	<b>9 6249 05</b>	10



**Socket outlet with earth contact  
SWITZERLAND type 23**

- Screw terminals



Rated voltage  
Rated current

250 V~  
16 A

- 2pole + earth

**SUITABLE FOR**

Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang

**ORDER NO.**

918 8 ..  
9 191 ..  
919 33

**PAGE**

630  
631  
631

**i 980**

Not suitable for fixing clamping ring.

DESIGN	ORDER NO.	PU
brown matt	<b>9 6259 25 01</b>	10
anthracite matt	<b>9 6259 25 05</b>	10
grey matt	<b>9 6259 25 06</b>	10
polar white matt	<b>9 6259 25 02</b>	10
black matt	<b>9 6259 25 03</b>	10



**British Standard socket outlets**



**Socket outlet with earthing contact BRITISH  
STANDARD**

- enhanced contact protection
- Screw terminals



Rated voltage  
Rated current

250 V~  
13 A

- 2pole + earth

**SUITABLE FOR**

Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm, deep  
Contact protection box 2gang  
Contact protection box 3gang

**ORDER NO.**

918 20  
918 8 ..  
9 191 ..  
919 33

**PAGE**

630  
630  
631  
631

**i 980**

Standard BS 1363

DESIGN	ORDER NO.	PU
brown matt	<b>9 6262 25 01</b>	10
anthracite matt	<b>9 6262 25 05</b>	10
grey matt	<b>9 6262 25 06</b>	10
polar white matt	<b>9 6262 25 02</b>	10
black matt	<b>9 6262 05</b>	10



**SWITCHES/PUSH-BUTTONS**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and frame with the imprint "IP44".

**Rocker switch**



**Change-over switch**

Rated voltage  
Switching current

250 V~ ■ with screw terminals  
16 AX

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	630
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 87	630
Contact protection box Ø 49 mm, deep	918 83	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631
Frame with imprint "IP44"	9 1827 ..	628
Sealing	918 53	632

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 3656 25 01</b>	10
anthracite matt	<b>9 3656 25 05</b>	10
grey glossy	<b>9 3656 25 07</b>	10
polar white glossy	<b>9 3656 25 09</b>	10
black glossy	<b>9 3656 25 10</b>	10
chrome matt, lacquered	<b>9 3656 25 68</b>	10
stainless steel matt, lacquered	<b>9 3656 25 24</b>	10



**Intermediate switch**

Rated voltage  
Switching current

250 V~ ■ with screw terminals  
16 AX

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	630
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 87	630
Contact protection box Ø 49 mm, deep	918 83	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631
Frame with imprint "IP44"	9 1827 ..	628
Sealing	918 53	632

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 3657 25 01</b>	10
anthracite matt	<b>9 3657 25 05</b>	10
grey glossy	<b>9 3657 25 07</b>	10
polar white glossy	<b>9 3657 25 09</b>	10
black glossy	<b>9 3657 25 10</b>	10
chrome matt, lacquered	<b>9 3657 25 68</b>	10
stainless steel matt, lacquered	<b>9 3657 25 24</b>	10





**Multi-pole rocker switches**



**On/off switch 2pole with imprint "0"**

Rated voltage  
Switching current

250 V~  
16 AX

For switching of 16 A socket outlets, for example.

- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	630
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 87	630
Contact protection box Ø 49 mm, deep	918 83	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631
Frame with imprint "IP44"	9 1827 ..	628
Sealing	918 53	632

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 3652 25 01</b>	10
anthracite matt	<b>9 3652 25 05</b>	10
grey glossy	<b>9 3652 25 07</b>	10
polar white glossy	<b>9 3652 25 09</b>	10
black glossy	<b>9 3652 25 10</b>	10
chrome matt, lacquered	<b>9 3652 25 68</b>	10
stainless steel matt, lacquered	<b>9 3652 25 24</b>	10



**Control on/off switch 2pole with imprint "0"**

- Red lens



Rated voltage  
Switching current  
Neon lamp current

250 V~  
10 AX  
0.9 mA

- for illumination and monitoring circuit
- with integral neon lamp
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	630
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 87	630
Contact protection box Ø 49 mm, deep	918 83	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631
Frame with imprint "IP44"	9 1827 ..	628
Sealing	918 53	632

**i 980**

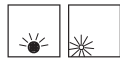
DESIGN	ORDER NO.	PU
brown matt	<b>9 3752 25 01</b>	10
anthracite matt	<b>9 3752 25 05</b>	10
grey glossy	<b>9 3752 25 07</b>	10
polar white glossy	<b>9 3752 25 09</b>	10
black glossy	<b>9 3752 25 10</b>	10
chrome matt, lacquered	<b>9 3752 25 68</b>	10
stainless steel matt, lacquered	<b>9 3752 25 24</b>	10



**Control on/off switch 2pole with imprint "0", 12 V**



- Red lens
- Control LED



Rated voltage  
Switching current  
LED current

12 V=  
5 A  
10 mA

- for illumination and monitoring circuit
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	630
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 87	630
Contact protection box Ø 49 mm, deep	918 83	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631
Frame with imprint "IP44"	9 1827 ..	628
Sealing	918 53	632

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 3762 25 31</b>	10
anthracite matt	<b>9 3762 25 35</b>	10
polar white glossy	<b>9 3762 25 39</b>	10
black glossy	<b>9 3762 25 10</b>	10
chrome matt, lacquered	<b>9 3762 25 68</b>	10
stainless steel matt, lacquered	<b>9 3762 25 24</b>	10



**Combination rocker switch**



**Series switch**

Rated voltage  
Switching current

250 V~  
16 AX

- common input terminal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	630
Contact protection box Ø 49 mm, deep	918 83	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631

DESIGN	ORDER NO.	PU
brown matt	<b>9 3655 25 01</b>	10
anthracite matt	<b>9 3655 25 05</b>	10
grey glossy	<b>9 3655 25 07</b>	10
polar white glossy	<b>9 3655 25 09</b>	10
black glossy	<b>9 3655 25 10</b>	10
chrome matt, lacquered	<b>9 3655 25 68</b>	10
stainless steel matt, lacquered	<b>9 3655 25 24</b>	10



**Rocker push-button**



**Push-button, NO contact**

- Screw terminals



Rated voltage  
Momentary-contact current

250 V~  
10 A

- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	630
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 87	630
Contact protection box Ø 49 mm, deep	918 83	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631
Frame with imprint "IP44"	9 1827 ..	628
Sealing	918 53	632

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 3671 25 01</b>	10
anthracite matt	<b>9 3671 25 05</b>	10
grey glossy	<b>9 3671 25 07</b>	10
polar white glossy	<b>9 3671 25 09</b>	10
black glossy	<b>9 3671 25 10</b>	10
chrome matt, lacquered	<b>9 3671 25 68</b>	10
stainless steel matt, lacquered	<b>9 3671 25 24</b>	10





**Push-button, NO contact, illuminated**

- Red lens



Rated voltage	250 V~
Momentary-contact current	10 A
Neon lamp current	0.9 mA

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

- for illumination and monitoring circuit
- with integral neon lamp
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	630
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 87	630
Contact protection box Ø 49 mm, deep	918 83	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631
Frame with imprint "IP44"	9 1827 ..	628
Sealing	918 53	632

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 3772 25 01</b>	10
anthracite matt	<b>9 3772 25 05</b>	10
grey glossy	<b>9 3772 25 07</b>	10
polar white glossy	<b>9 3772 25 09</b>	10



**Combination rocker push-buttons**



**Series push-button, 2 NO contacts, common input terminal**

Rated voltage	250 V~
Momentary-contact current	10 A

- common input terminal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	630
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 87	630
Contact protection box Ø 49 mm, deep	918 83	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631

DESIGN	ORDER NO.	PU
brown matt	<b>9 3675 25 01</b>	10
anthracite matt	<b>9 3675 25 05</b>	10
grey glossy	<b>9 3675 25 07</b>	10
polar white glossy	<b>9 3675 25 09</b>	10
black glossy	<b>9 3675 25 10</b>	10
chrome matt, lacquered	<b>9 3675 25 68</b>	10
stainless steel matt, lacquered	<b>9 3675 25 24</b>	10



**ROTARY DIMMER**

**Rotary dimmers**



**Rotary dimmer 12 V DC**

**- Setting knob**

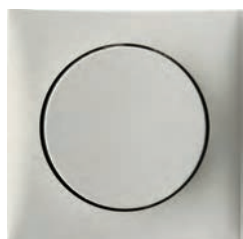


Rated voltage	12 V=
12 V incandescent lamps and halogen lamps	10 ... 60 W
Quiescent current	3 mA
Axis dimension Ø	4 mm
Insertion depth	33 mm

- with soft-lock
- with on/off pressure switch
- short-circuit and overload proof (electronic fuse)
- with pulse width modulation (PWM)
- with screw terminals

Do not mount with Berker Integro wall boxes, flush-mounted housings or fixing clamping ring.

DESIGN	ORDER NO.	PU
brown matt	<b>9 2876 25 01</b>	1
anthracite matt	<b>9 2876 25 05</b>	1
grey glossy	<b>9 2876 25 07</b>	1
polar white glossy	<b>9 2876 25 09</b>	1
black glossy	<b>9 2876 25 10</b>	1
chrome matt, lacquered	<b>9 2876 25 68</b>	1
stainless steel matt, lacquered	<b>9 2876 25 24</b>	1



**Rotary dimmer with frame**

**- Setting knob**



Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm

- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- phase cut-on
- with screw terminals

**i 980**

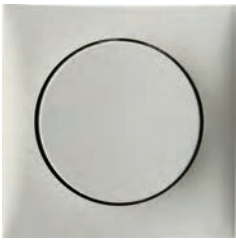


Do not mount with Berker Integro wall boxes, flush-mounted housings or fixing clamping ring.

DESIGN	ORDER NO.	PU
brown matt	<b>9 2871 25 71</b>	1
anthracite matt	<b>9 2871 25 75</b>	1
grey glossy	<b>9 2871 25 77</b>	1
polar white glossy	<b>9 2871 25 79</b>	1

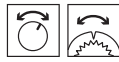


**1-10 V Rotary potentiometer**



**1 - 10 V rotary potentiometer with frame**

- **Setting knob**
- **Soft locking**



Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	6 A
Control current	50 mA
Axis dimension Ø	4 mm
Insertion depth	22 mm

- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with on/off pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Making current limiter	185	78

With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Possible to change fuse without removing cover.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Do not mount with Berker Integro wall boxes, flush-mounted housings or fixing clamping ring.  
according to DIN EN 61347-2-3

DESIGN	ORDER NO.	PU
brown matt	<b>9 2891 25 01</b>	10
anthracite matt	<b>9 2891 25 05</b>	10
grey glossy	<b>9 2891 25 06</b>	10
polar white glossy	<b>9 2891 25 09</b>	10



**BLIND PUSH-BUTTONS**



**Blind series push-button with imprinted symbol arrow**

Rated voltage	250 V~
Momentary-contact current	10 A

- with electrical interlocking to prevent mutual activation
- with screw terminals

Follow the motor manufacturers' instructions.

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	630
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 87	630
Contact protection box Ø 49 mm, deep	918 83	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631

DESIGN	ORDER NO.	PU
brown matt	<b>9 3653 25 01</b>	10
anthracite matt	<b>9 3653 25 05</b>	10
grey glossy	<b>9 3653 25 07</b>	10
polar white glossy	<b>9 3653 25 09</b>	10
black glossy	<b>9 3653 25 10</b>	10
chrome matt, lacquered	<b>9 3653 25 68</b>	10
stainless steel matt, lacquered	<b>9 3653 25 24</b>	10



**COMMUNICATION/MULTIMEDIA TECHNOLOGY**

**Aerial sockets**



**Aerial connector box TV**

DIN 45325

DESIGN	ORDER NO.	PU
<b>with soldered connection</b>		
brown matt <sup>1)</sup>	<b>9 4511 25 11</b>	10
anthracite matt <sup>1)</sup>	<b>9 4511 25 15</b>	10
grey matt <sup>1)</sup>	<b>9 4511 25 16</b>	10
polar white matt <sup>1)</sup>	<b>9 4511 25 12</b>	10
black matt <sup>1)</sup>	<b>9 4511 15</b>	10
<b>Connection in F system</b>		
brown matt	<b>9 4581 25 01</b>	10
anthracite matt	<b>9 4581 25 05</b>	10
grey matt	<b>9 4581 25 06</b>	10
polar white matt	<b>9 4581 25 02</b>	10
black matt	<b>9 4581 25 03</b>	10



<sup>1)</sup> suitable for frames with hinged covers



**Aerial connector box SAT**

Not suitable for frames with hinged covers.

- with double F-socket

DESIGN	ORDER NO.	PU
brown matt	<b>9 4519 25 01</b>	10
anthracite matt	<b>9 4519 25 05</b>	10
grey matt	<b>9 4519 25 06</b>	10
polar white matt	<b>9 4519 25 02</b>	10
black matt	<b>9 4519 05</b>	10



**Aerial connector box radio/SAT**

Not suitable for frames with hinged covers.

- with IEC and F socket
- with connection in F system

DESIGN	ORDER NO.	PU
brown matt	<b>9 4560 25 01</b>	10
anthracite matt	<b>9 4560 25 05</b>	10
grey matt	<b>9 4560 25 06</b>	10
polar white matt	<b>9 4560 25 02</b>	10
black matt	<b>9 4560 05</b>	10



**Aerial connector box radio/TV**

Not suitable for frames with hinged covers.

- with IEC sockets
- with connection in F system

DESIGN	ORDER NO.	PU
polar white matt	<b>9 4561 25 02</b>	10





**Aerial connector box TV/SAT**

Not suitable for frames with hinged covers.

- with IEC and F socket
- with connection in F system



DESIGN	ORDER NO.	PU
grey matt	<b>8 4563 25 06</b>	200
black matt	<b>8 4563 25 03</b>	200

**Data communication**



**Double supporting plate for MINI-COM modules**

Not suitable for hinged cover.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com dummy modules 1gang

SUITABLE FOR	ORDER NO.	PAGE
Multimedia modules		page 624

MANUFACTURER: PRODUCT LINE	ART. NO.
Modules Panduit	

DESIGN	ORDER NO.	PU
anthracite glossy	<b>9 4559 25 05</b>	10
grey glossy	<b>9 4559 25 07</b>	10
polar white glossy	<b>9 4559 25 09</b>	10
black glossy	<b>9 4559 05</b>	10



**Mini jack, 8-pole**

Cat.5 according to DIN EN 50173-1 and ISO/IEC 11801, 2nd edition  
 Cat.6 according to DIN EN 50173-1 and ISO/IEC 11801, 2nd edition  
 Protective screen according to DIN EN 55022, class B  
 Colour code A and B according to TIA/EIA-568-B.2

- with cutting terminals

SUITABLE FOR	ORDER NO.	PAGE
Central plate for 3 MINI-COM modules	1427 ..	170
Double supporting plate for MINI-COM modules	9 4559 ..	623
Supporting plate 2gang for BTR-/E-DAT modules	8 4558 25 ..	624

**i 971**



DESIGN	ORDER NO.	PU
--------	-----------	----

<b>Cat.6, RJ45, shielded (AWG 26)</b> RJ45, cat.6, shielded (AWG 26)	<b>1985</b>	1
-------------------------------------------------------------------------	-------------	---

<b>Cat.5e, RJ45, shielded (AWG 24-22)</b> RJ45, cat.5e, shielded (AWG 24-22)	<b>1984</b>	1
---------------------------------------------------------------------------------	-------------	---



<b>Cat.3, RJ45, ISDN-compatible, unshielded (AWG 24-22)</b> black	<b>1980</b>	1
----------------------------------------------------------------------	-------------	---





**Supporting plate 1gang for AMP modular jacks**

Indexing dimension (W x H)  $\approx 14.9 \times 20.7$  mm  
Not suitable for hinged cover.

- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>EMT modular jack</b>	
AMP	
<b>Standard 110 Connect jack</b>	
AMP	
<b>MT-RJ jack</b>	
AMP	
Intracom	
Telena	
<b>Modular jacks</b>	
Brand-Rex	
CobiNet	
EFB Electronic	
Schumann	
<b>SL series toolless jack</b>	
AMP	

DESIGN	ORDER NO.	PU
anthracite glossy	<b>9 4557 25 05</b>	10
grey glossy	<b>9 4557 25 07</b>	10
polar white glossy	<b>9 4557 25 09</b>	10
black glossy	<b>9 4557 05</b>	10



**Supporting plate 2gang for BTR-/E-DAT modules**

Not suitable for hinged cover.

- with 25° oblique outlet
- for 130898-00-I BTR blank module
- for 130898-01-I BTR coax module F/F
- for 130898-02-I BTR coax module F/IEC socket
- for 130898-03-I BTR coax module F/IEC connector
- for 130908-I BTR UAE module Cat.5e 8(8)
- for 130909-I BTR UAE module Cat.6 8(8)
- for 130910-I BTR E-Dat module Cat.6a 8(8)
- for 1309A0-I BTR E-Dat module coupling 8(8) Cat.6
- for 15091001-I BTR Op-Dat module ST
- for 15091070-I BTR Op-Dat module LC
- for 15091071-I BTR Op-Dat module LC
- for 185700 Dätwyler Unilan socket module MS 1/8 Cat.6
- for 185750 Dätwyler Unilan socket module MU 1/8 Cat.6
- for 417446 Dätwyler Unilan RJ45 feed-through coupling

<b>MANUFACTURER: PRODUCT LINE</b>	<b>ART. NO.</b>
<b>Modules</b>	
BTR NETCOM	

DESIGN	ORDER NO.	PU
anthracite glossy	<b>8 4558 25 05</b>	100
grey glossy	<b>8 4558 25 07</b>	100
polar white glossy	<b>8 4558 25 09</b>	100
black glossy	<b>8 4558 25 10</b>	100

**Multimedia modules**



**Cinch module set audio**

Conductor  $\varnothing$  0.5 ... 0.65 mm (AWG 24-22)  
Conductor cross-section 0.2 mm<sup>2</sup> ... 0.325 mm<sup>2</sup>  
Dimensions, per module (W x H x D) 15 x 18 x 35 mm

- with 2 Cinch sockets and module carriers
- with tool free cutting terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Central plate for 3 MINI-COM modules	1427 ..	170
Double supporting plate for MINI-COM modules	9 4559 ..	623

**i 970**



DESIGN	ORDER NO.	PU
polar white/red	<b>1989</b>	1





**Cinch module video**

Conductor Ø 0.5 ... 0.65 mm (AWG 24-22)  
 Conductor cross-section 0.2 mm² ... 0.325 mm²  
 Dimensions (W x H x D) 15 x 18 x 35 mm

- with cinch socket and module carrier
- with tool free cutting terminals

SUITABLE FOR	ORDER NO.	PAGE
Central plate for 3 MINI-COM modules	1427 ..	170
Double supporting plate for MINI-COM modules	9 4559 ..	623

**i 970**



DESIGN	ORDER NO.	PU
polar white/yellow	<b>1992</b>	1



**VGA module**

Conductor cross-section 1.5 mm²  
 Dimensions (W x H x D) 31 x 18 x 35 mm

- occupies 2 MINI-COM module spaces in the cover
- Transmission SVGA compatible
- with a 15pole D-subminiature socket
- with screw-in lift terminals

SUITABLE FOR	ORDER NO.	PAGE
Central plate for 3 MINI-COM modules	1427 ..	170
Double supporting plate for MINI-COM modules	9 4559 ..	623

**i 970**



DESIGN	ORDER NO.	PU
polar white/black	<b>1994</b>	1



**S-Video module**

Conductor Ø 0.5 ... 0.65 mm (AWG 24-22)  
 Conductor cross-section 0.2 mm² ... 0.325 mm²  
 Dimensions (W x H x D) 15 x 18 x 35 mm

- with S-Video and module carrier
- with tool free cutting terminals

SUITABLE FOR	ORDER NO.	PAGE
Central plate for 3 MINI-COM modules	1427 ..	170
Double supporting plate for MINI-COM modules	9 4559 ..	623

**i 970**



DESIGN	ORDER NO.	PU
polar white/black	<b>1993</b>	1



**Blank module**

Dimensions (W x H x D) 15 x 18 x 35 mm

SUITABLE FOR	ORDER NO.	PAGE
Central plate for 3 MINI-COM modules	1427 ..	170
Double supporting plate for MINI-COM modules	9 4559 ..	623

DESIGN	ORDER NO.	PU
polar white	<b>1990</b>	1

**USB CHARGING SOCKET OUTLETS**



**230 V USB charging socket outlet**

- Screw terminals



Input voltage	100 ... 240 V~
Frequency	50/60 Hz
Output voltage	5 V= (± 5 %)
Output current	max. 500 mA
Power consumption (standby)	50 mW
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>

- short-circuit and overload proof (electronic fuse)
- for charging mobile end devices via USB cable
- with 2 USB sockets type A
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 49 mm, deep	918 83	630
Contact protection box 2gang	9 1915 0 ..	631
Contact protection box 3gang	919 33	631

No data transmission possible!  
 USB connections according to DIN EN 50558



DESIGN	ORDER NO.	PU
anthracite matt	<b>9 2600 25 05</b>	1
polar white matt	<b>9 2600 25 09</b>	1

**CONNECTING DEVICES 12 V**



**Socket outlet 12 V**

Operating voltage	6 ... 24 V
Rated current	max. 16 A
Flat connector size (size width x size width)	6.3 x 0.8 mm

- with fast-on terminal connection

Note:  
 When using 12 V connector (order no. 4637), observe max. rated current of 8 A.  
 DIN EN ISO 4165

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	918 20	630
Contact protection box Ø 49 mm	918 8 ..	630
Contact protection box 2gang	9 191 ..	631
Contact protection box 3gang	919 33	631
Plug 12 V	4637	626

DESIGN	ORDER NO.	PU
brown matt	<b>9 4517 25 01</b>	10
anthracite matt	<b>9 4517 25 05</b>	10
grey glossy	<b>9 4517 25 07</b>	10
polar white glossy	<b>9 4517 25 09</b>	10
black matt	<b>9 4517 05</b>	10



**Socket outlet 12 V**

Operating voltage	12 ... 24 V
Rated current for 1.5 mm <sup>2</sup>	max. 15 A
Rated current for 2.5 mm <sup>2</sup>	max. 20 A
Flat connector size (size width x size width)	6.3 x 0.8 mm

- with fast-on terminal connection

Not suitable for touch-protection boxes (cavity walls).  
 SAE J563 (Feb. 2009), VW standard TL82285 (Apr. 2007)

DESIGN	ORDER NO.	PU
brown matt	<b>8 4571 25 01</b>	200
anthracite matt	<b>8 4571 25 05</b>	200
grey glossy	<b>8 4571 25 07</b>	200
polar white glossy	<b>8 4571 25 09</b>	200
black matt	<b>8 4571 25 03</b>	200



**Plug 12 V**

Operating voltage	12 ... 24 V
Rated current	max. 8 A

- with solder connection

SUITABLE FOR	ORDER NO.	PAGE
Socket outlet 12 V	9 4517 ..	626

DESIGN	ORDER NO.	PU
black, matt	<b>4637</b>	1



**FRAME**

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and Integro module insert.



**Frame 1gang**

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 1827 25 01</b>	10
anthracite matt	<b>9 1827 25 05</b>	10
grey glossy	<b>9 1827 25 07</b>	10
polar white glossy	<b>9 1827 25 09</b>	10
black glossy	<b>9 1827 25 10</b>	10
chrome matt, lacquered	<b>9 1827 25 58</b>	10
stainless steel matt, lacquered	<b>9 1827 25 24</b>	10



**Frame 2gang**

■ for vertical and horizontal mounting

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 1826 25 11</b>	2
anthracite matt	<b>9 1826 25 15</b>	2
grey glossy	<b>9 1826 25 07</b>	2
polar white glossy	<b>9 1826 25 19</b>	2
black glossy	<b>9 1826 25 10</b>	2
chrome matt, lacquered	<b>9 1826 25 58</b>	2
stainless steel matt, lacquered	<b>9 1826 25 24</b>	2



**Frame 3gang**

■ for vertical and horizontal mounting

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 1819 25 11</b>	2
anthracite matt	<b>9 1819 25 15</b>	2
grey glossy	<b>9 1819 25 07</b>	2
polar white glossy	<b>9 1819 25 19</b>	2
black glossy	<b>9 1819 25 10</b>	2
chrome matt, lacquered	<b>9 1819 25 68</b>	2
stainless steel matt, lacquered	<b>9 1819 25 24</b>	2



**Frame**

**- Labelling field**



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
anthracite matt	<b>9 1803 25 05</b>	10
grey glossy	<b>9 1803 25 07</b>	10
polar white glossy	<b>9 1803 25 09</b>	10
chrome matt, lacquered	<b>9 1803 25 68</b>	10



**Frame with imprint "IP44"**

Not for switches/buttons with split rocker!  
IP44

- without sealing
- for water-proof covering of rocker switches/rocker push-buttons

SUITABLE FOR	ORDER NO.	PAGE
Sealing	918 53	632

**i 980**

DESIGN	ORDER NO.	PU
brown matt	<b>9 1827 25 91</b>	10
anthracite matt	<b>9 1827 25 95</b>	10
grey glossy	<b>9 1827 25 97</b>	10
polar white glossy	<b>9 1827 25 99</b>	10
chrome matt, lacquered	<b>9 1827 25 68</b>	10

**Frame with hinged cover**



**Frame with hinged cover**

- for covering on socket outlets

DESIGN	ORDER NO.	PU
brown matt	<b>9 1828 25 01</b>	10
anthracite matt	<b>9 1828 25 05</b>	10
grey glossy	<b>9 1828 25 07</b>	10
polar white glossy	<b>9 1828 25 09</b>	10
black glossy	<b>9 1828 25 10</b>	10
chrome matt, lacquered	<b>9 1828 25 78</b>	10
stainless steel matt, lacquered	<b>9 1828 25 24</b>	10



**Frame with hinged cover**

**- Labelling field**



Labelling field height arranged for P-touch strips 9 mm.

- for covering on socket outlets
- with 2 labelling field inlays, neutral and perforated for socket outlet with indicator LED

DESIGN	ORDER NO.	PU
anthracite matt	<b>9 1988 25 05</b>	10
grey glossy	<b>9 1988 25 06</b>	10
polar white glossy	<b>9 1988 25 02</b>	10



**Frame with hinged cover and imprint "IP44"**

- without sealing
- for waterproof covering of socket outlets

SUITABLE FOR	ORDER NO.	PAGE
Sealing	918 53	632

DESIGN	ORDER NO.	PU
brown matt	<b>9 1828 25 91</b>	10
anthracite matt	<b>9 1828 25 95</b>	10
grey glossy	<b>9 1828 25 97</b>	10
polar white glossy	<b>9 1828 25 99</b>	10
chrome matt, lacquered	<b>9 1828 25 68</b>	10

**SURFACE-MOUNTED HOUSING**



**Surface-mounted housing high**

Dimensions (W x H x D) 59.5 x 59.5 x 41 mm

For suitable tube entries and replacements for wire and duct entries, refer to Accessories.

- with cable entry
- for mounting on combustible base surface
- to built-on installation of devices

**SUITABLE FOR optional**

Tube entry  
**replacement**  
Wire and duct entry

ORDER NO.	PAGE
	page 632
	page 632

**i 980**

DESIGN	ORDER NO.	PU
<b>without strain relief</b>		
brown glossy	<b>9 1151 25 01</b>	10
anthracite glossy	<b>9 1151 25 05</b>	10
grey glossy	<b>9 1151 25 07</b>	10
polar white glossy	<b>9 1151 25 09</b>	10
black glossy	<b>9 1151 25 10</b>	10
<b>with strain relief</b>		
brown glossy	<b>9 1151 25 11</b>	10
anthracite glossy	<b>9 1151 25 15</b>	10
grey glossy	<b>9 1151 25 17</b>	10
polar white glossy	<b>9 1151 25 19</b>	10
black glossy	<b>9 1151 25 20</b>	10



**Surface-mounted housing flat**

Dimensions (W x H x D) 59.5 x 59.5 x 16 mm

- for mounting on combustible base surface
- to built-on installation of switches and push-buttons

**i 980**

DESIGN	ORDER NO.	PU
<b>without strain relief</b>		
anthracite glossy	<b>9 1152 25 25</b>	10
polar white glossy	<b>9 1152 25 29</b>	10
<b>with 1 strain relief</b>		
anthracite glossy	<b>9 1152 25 55</b>	10
polar white glossy	<b>9 1152 25 59</b>	10
<b>with 2 Strain reliefs</b>		
anthracite glossy	<b>9 1152 25 65</b>	10
polar white glossy	<b>9 1152 25 69</b>	10



**SUPPLEMENTARY PRODUCTS**

**Blind plates**

**Blind plug**

- with supporting plate

DESIGN	ORDER NO.	PU
brown matt	<b>9 4516 25 01</b>	10
anthracite matt	<b>9 4516 25 05</b>	10
grey glossy	<b>9 4516 25 07</b>	10
polar white glossy	<b>9 4516 25 09</b>	10
black glossy	<b>9 4516 25 10</b>	10
chrome matt, lacquered	<b>8 4516 25 68</b>	200
stainless steel matt, lacquered	<b>9 4516 25 24</b>	10



**Spacer rings**



**Surface-mounted spacer ring**

Dimensions (W x H x D) 59.5 x 59.5 x 10 mm ■ for the reduction of the installation depth of the devices and surf.-mount. of switches and push-b.

**i 980**

DESIGN	ORDER NO.	PU
brown glossy	<b>9 1825 25 11</b>	10
anthracite glossy	<b>9 1825 25 15</b>	10
grey glossy	<b>9 1825 25 06</b>	10
polar white glossy	<b>9 1825 25 12</b>	10
black glossy	<b>9 1825 25 10</b>	10
chrome matt, lacquered	<b>9 1825 25 68</b>	10
stainless steel matt, lacquered	<b>9 1825 25 24</b>	10

**Contact protection boxes**

■ Flame resistant according to VDE 0606-1



**Contact protection box Ø 45 mm, flat**

Cable Ø max. 12 mm ■ only for switches and push-buttons  
 Insertion depth 22 mm ■ with cable entry  
 Strain relief not suitable for flat cables.

**i 980**



DESIGN	ORDER NO.	PU
grey, with strain relief	<b>9 1820 01</b>	200



**Contact protection box Ø 45 mm**

Cable Ø max. 12 mm ■ for switches and socket outlets  
 Insertion depth 35.5 mm ■ with 4 cable entries  
 Strain relief not suitable for flat cables. ■ 6 knockout openings

**i 980**



DESIGN	ORDER NO.	PU
grey, with strain relief	<b>918 20</b>	200



**Contact protection box Ø 49 mm**

Cable Ø max. 12 mm ■ with 2 cable entries  
 Insertion depth 38 mm  
 Strain relief not suitable for flat cables.

**i 980**



DESIGN	ORDER NO.	PU
grey, with 1x internal double cable clamp on side	<b>918 87</b>	200



**Contact protection box Ø 49 mm, deep**

Cable Ø max. 12 mm ■ with 2 cable entries on backside  
 Insertion depth 45.5 mm ■ 1 knock out opening  
 Strain relief not suitable for flat cables.

**i 980**



DESIGN	ORDER NO.	PU
grey, with 1x external double strain relief	<b>918 83</b>	200



**Contact protection box 2gang**

Cable Ø	max. 12 mm	■ for vertical and horizontal mounting
Insertion depth	37 mm	■ with 2 cable entries
length	109 mm	■ 1 knock out opening
Width	49 mm	

**i 980**

Only suitable for 2gang frames!  
Strain reliefs not suitable for flat cables.



DESIGN	ORDER NO.	PU
grey, with strain relief	<b>9 1915 01</b>	10
grey, with 2 Strain reliefs	<b>9 1915 02</b>	10



**Contact protection box 3gang**

Cable Ø	max. 12 mm	■ for vertical and horizontal mounting
Insertion depth	38 mm	■ with 6 cable entries, 1 per side, top, bottom and 2 on backside
length	168 mm	■ 5 knock out openings
Width	49 mm	

**i 980**

Strain relief not suitable for flat cables.  
Restricted installation options apply if the cable clamp is mounted on the front face.



All devices can optionally be arranged vertically or horizontally.

Only suitable for 3gang frames!

DESIGN	ORDER NO.	PU
grey, with 1 strain relief	<b>919 33</b>	10



**Contact protection box Ø 58 mm for terminal attachment**

Cable Ø	max. 12 mm	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Insertion depth	35 mm	Fixing clamping ring	818 36 ..	631

Strain relief not suitable for flat cables.



DESIGN	ORDER NO.	PU
grey, with 1x internal cable clamp	<b>818 37</b>	200

**Fixing clamping ring**



**Fixing clamping ring**

Hole Ø	50 mm	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
For Berker Integro inserts, e. g. for installation in mirrors.		Contact protection box Ø 58 mm for terminal attachment	818 37	631

DESIGN	ORDER NO.	PU
grey, Material thickness 5 mm	<b>818 36</b>	200
dark grey, Material thickness 4 mm	<b>8 1836 01</b>	200
polar white matt, Material thickness 6 mm	<b>8 1836 02</b>	200

**Mounting templates**



**Mounting template 3gang, cardboard**

For precise hole drilling for 1gang appliances and for 2gang and 3gang combinations.

DESIGN	ORDER NO.	PU
grey, cardboard	<b>918 44</b>	10

**Entries/connectors**



**Wire and duct entry**

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

- for wire or 15 x 15 mm cable duct

DESIGN

white

polar white

black

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted housing high	9 1151 ..	629
ORDER NO.		PU
<b>1813</b>		10
<b>1813 09</b>		10
<b>1813 05</b>		10



**Tube entry**

Distance from wall to centre of pipe 16 mm

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

Suitable tubes for surface-mounted installation can be purchased at [www.fraenkische-elektro.de](http://www.fraenkische-elektro.de).

- for tubes with coupling dia. 20.5 mm (PG 13.5) and M 20
- for tubes with Ø 15.2 mm (PG 9) and M 16

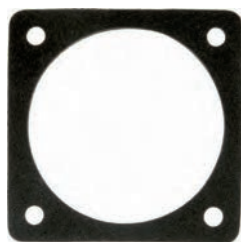
DESIGN

polar white

black

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted housing high	9 1151 ..	629
ORDER NO.		PU
<b>1817 09</b>		10
<b>1817 05</b>		10

**Sealings IP44**



**Sealing**

Not for switches/buttons with split rocker!

- for SCHUKO socket outlets and socket outlets with earthing pin (frame with hinged cover required!)
- for rocker switches/rocker push-buttons

DESIGN

black

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO SOCKET OUTLETS		page 610
Socket outlets with earthing pin		page 612
Rocker switch		page 616
Multi-pole rocker switches		page 617
Multi-pole rocker switches		page 617
Rocker push-button		page 618
Frame with imprint "IP44"	9 1827 ..	628
Frame with hinged cover	9 1828 ..	628
ORDER NO.		PU
<b>918 53</b>		10

**IP44**







More and more people are following the trend of not following a trend. For these people, there is Berker Manufacture.

This is where we create switches that are a real blend of hi-tech and handicraft, that are utterly unique. We often design items together with architects and planners for a very particular property or for a special project. Some have their source in the very special wishes of a property owner who is looking for something which they can simply not find available on the market.

It's a source of pride to us that we can make these wishes a reality. What matters is individuality, so almost every product is one of a kind. And therefore as individual as the environment for which it has been made.

Berker was founded in 1919 as a "Specialised Factory for Electrotechnical Devices".



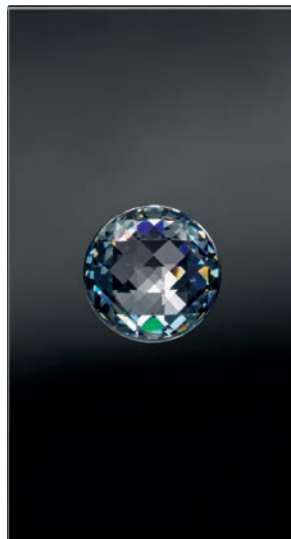
Berker TS,  
brazened brass



Berker B.7,  
brazened brass



Berker TS,  
Aluminium black, anodised



Berker TS Crystal Ball,  
black

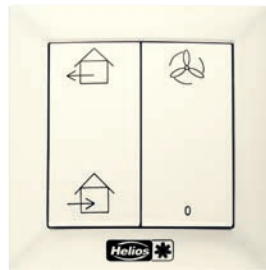


Berker TS,  
black, with socket outlet

SPECIAL LABELLING – LETTERING AND SYMBOLS



Berker B.7,  
with lettering



Berker S.1,  
with symbols and logo



Berker B.IQ,  
with laser-cut symbols

SURFACE TREATMENT



Berker B.7,  
chrome, high-gloss



Berker TS,  
chrome, high-gloss

SURFACE TREATMENT



Berker K.5,  
chrome, glossy



Berker K.1,  
black, glossy



Berker K.1,  
polar white, matt

SPECIAL PROCESSING



Berker TS,  
with socket outlets



Berker TS brass with push-button  
and room thermostat



Berker TS, special length,  
printed lettering



Berker TS Sensor  
with graphical temperature display,  
dark grey background colour, light grey labelling





## FLUSH-MOUNTED WET-ROOM INSTALLATION

SCHUKO SOCKET OUTLETS WITH HINGED COVER	645-647
INTERNATIONAL SOCKET OUTLET SYSTEMS	648
COVERS FOR SWITCHES/PUSH-BUTTONS	648-653
COVERS FOR DIMMERS	653-654
BLC CONTROLLERS	654-657
COVERS FOR BLIND SWITCHES/PUSH-BUTTONS	657-658
HVAC COVERS	658-660
COVERS FOR PILOT LAMPS	660-661
BLANK PLATES	661-662
BARRIER-FREE CONSTRUCTION	661-663
SEALINGS IP44	664-666
INTERMEDIATE RINGS FOR CENTRAL PLATES	666

Even in places where things can get damp or wet, it's still not necessary to forget about aesthetics: some rockers, centre plates and sockets from the Berker Q.1/Q.3, K.1/K.5, Arsys and R.1/R.3 switch programmes can be installed so that they are water-proof. Sole condition: the seal must be installed full-face.

- Frames and covers to match the inserts for standard and comfort ranges (not including key switches)
  - Sealing sets available for selected standard and comfort ranges
- Important: note that there are different sealing sets for switches/push-buttons and key switches/key push-buttons

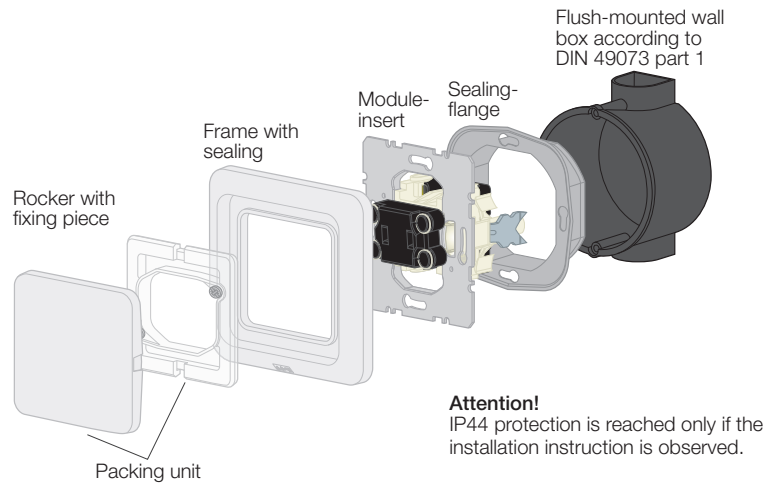
Full-face sealing is essential.



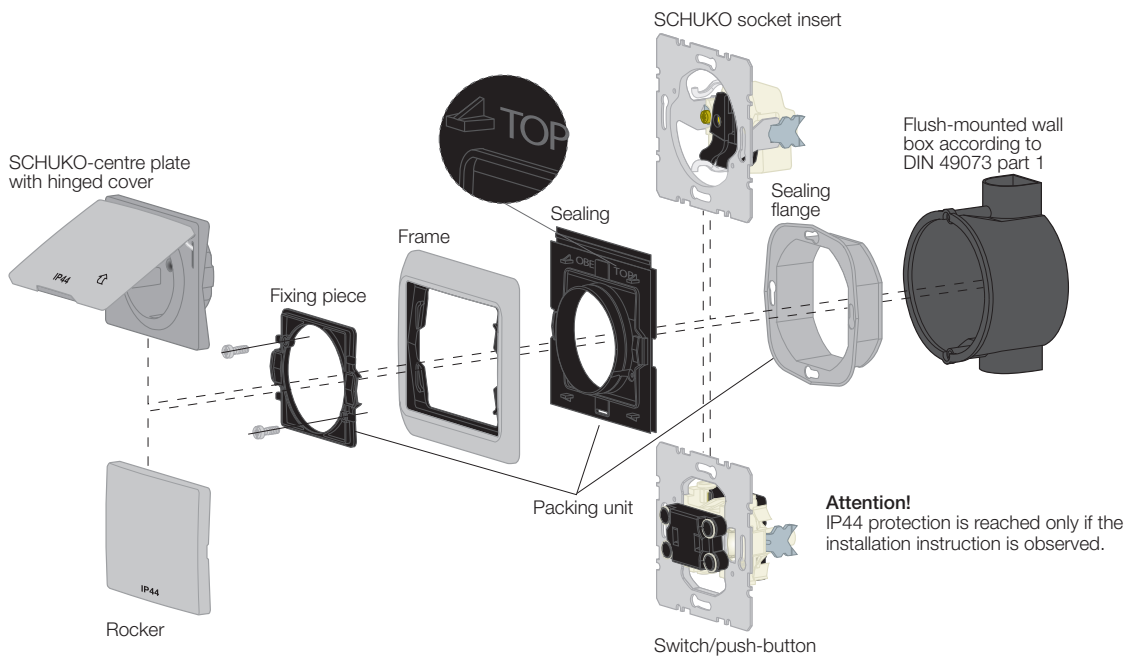
Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

**SURFACE-MOUNTED WET-ROOM INSTALLATION**  
**INSTALLATION INSTRUCTIONS**

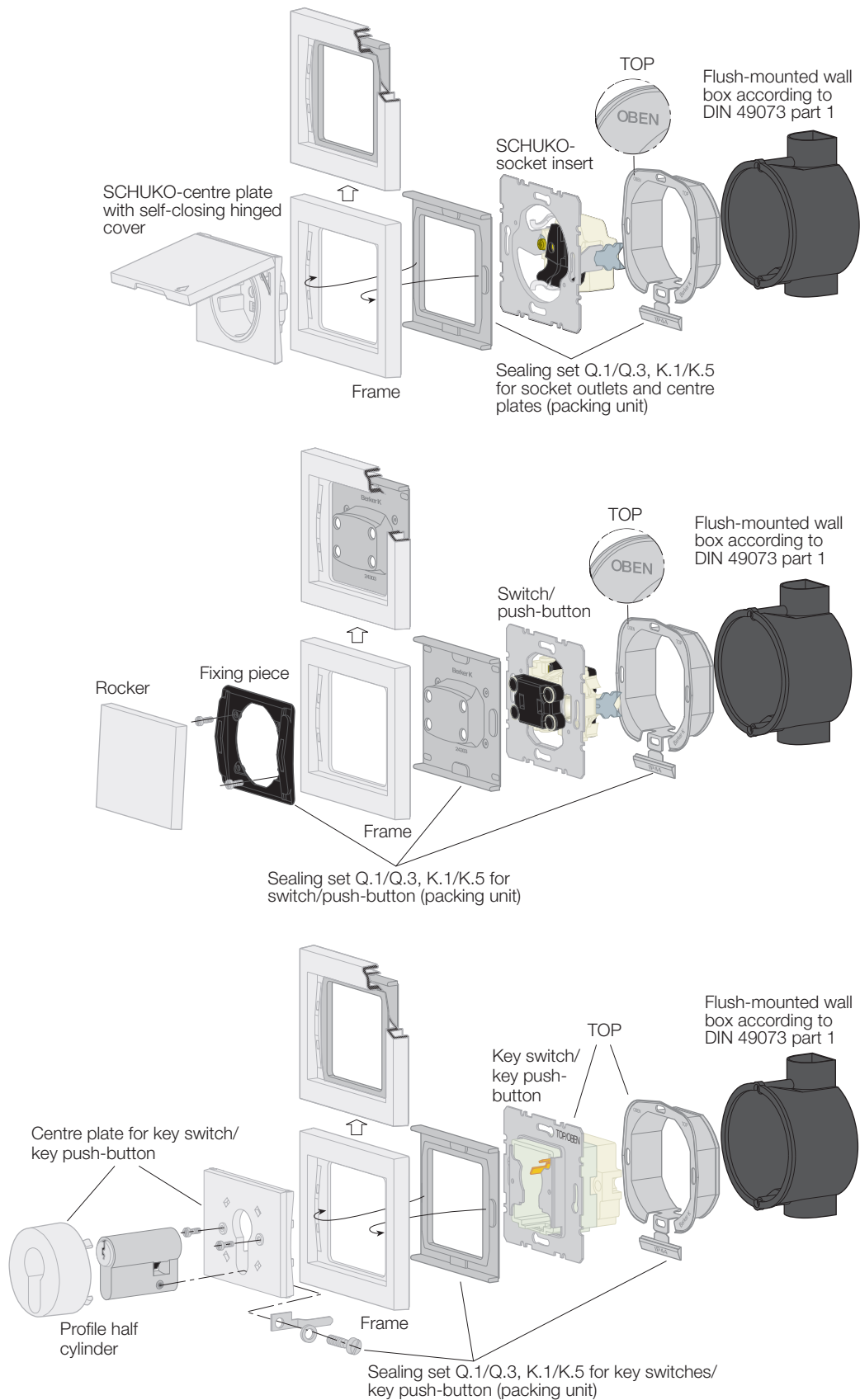
INSTALLATION INSTRUCTION FOR FLUSH-MOUNTED SPLASH PROTECTED IP44



INSTALLATION INSTRUCTION FOR BERKER ARSYS IP44



INSTALLATION INSTRUCTIONS FOR BERKER Q.1/Q.3 AND K.1/K.5



**Application**

IP44 protection is reached by using the sealing set and installing

- in flush-mounted wall box according to DIN 49073 part 1
- on smooth, even, vertically walls
- in finely-concise inserted flush mounted wall boxes

IP44 protection is not guaranteed for floor assembly, ceiling mounting and assembly in hollow wall boxes.

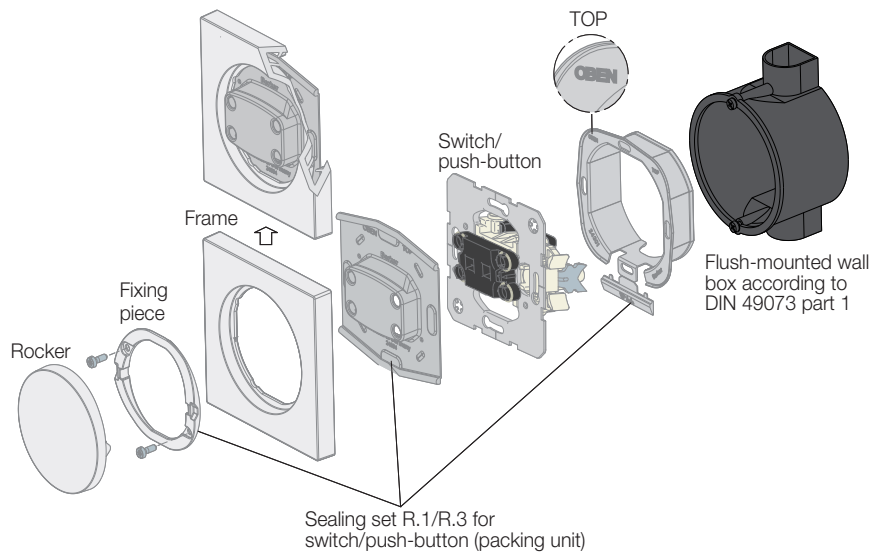
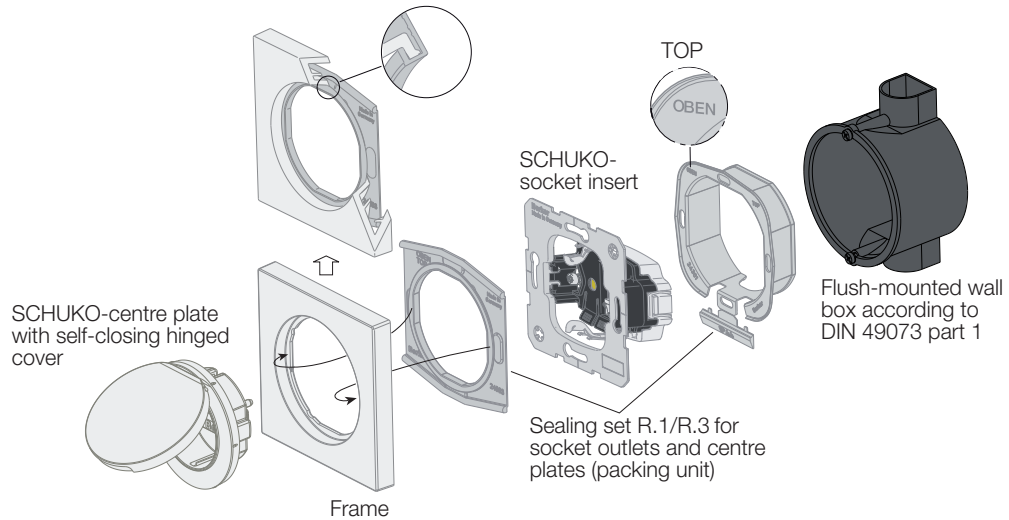
**Attention**

IP44 protection is reached only if all installed articles are IP44 suitable (check markings) and the installation instruction is observed!

# SURFACE-MOUNTED WET-ROOM INSTALLATION

## INSTALLATION INSTRUCTIONS

### INSTALLATION INSTRUCTIONS FOR BERKER R.1/R.3



#### Application

IP44 protection is reached by using the sealing set and installing

- in flush-mounted wall box according to DIN 49073 part 1
- on smooth, even, vertically walls
- in finely-concisely inserted flush mounted wall boxes

IP44 protection is not guaranteed for floor assembly, ceiling mounting and assembly in hollow wall boxes.

#### Attention

IP44 protection is reached only if all installed articles are IP44 suitable (check markings) and the installation instruction is observed!

**SCHUKO SOCKET OUTLETS WITH HINGED COVER**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

**SCHUKO socket outlets with hinged cover**



 **SCHUKO socket outlet with hinged cover**

Rated voltage 250 V~ ■ with imprint  
Rated current 16 A ■ with plug-in terminals

 **911**

DESIGN	ORDER NO.	PU
<b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b>		
white glossy	<b>4715</b>	10
polar white glossy	<b>4715 09</b>	10
brown glossy	<b>4715 01</b>	10
<b>Berker Arsys - for sealing set Order no. 1010 00</b>		
Stainless steel, metal matt finish	<b>4758 10 04</b>	10



 **SCHUKO socket outlet with hinged cover**

**- enhanced contact protection**

- with imprint
- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

 **911**

DESIGN	ORDER NO.	PU
<b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b>		
white glossy	<b>4716</b>	10
polar white glossy	<b>4716 09</b>	10
brown glossy	<b>4716 01</b>	10
<b>Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00</b>		
polar white velvety	<b>4751 60 89</b>	10
anthracite velvety, lacquered	<b>* 4751 60 86</b>	10



<b>Berker K.1/K.5 - for sealing set Order no. 1010 72 00</b>		
polar white glossy	<b>4751 72 09</b>	10
anthracite matt, lacquered	<b>4751 72 06</b>	10
Aluminium, aluminium anodised	<b>* 4751 72 03</b>	10
Stainless steel, metal matt finish	<b>4751 72 04</b>	10
<b>Berker Arsys - for sealing set Order no. 1010 00</b>		
Stainless steel, metal matt finish	<b>4758 30 04</b>	10

<b>Berker R.1/R.3 - for sealing set Order no. 1010 76 00</b>		
polar white glossy	<b>* 4751 20 89</b>	10
black glossy	<b>* 4751 20 45</b>	10



**SCHUKO socket outlet with hinged cover**

- Labelling field

- with imprint
- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

**i 911**

DESIGN ORDER NO. PU

**Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy <sup>1)</sup>	<b>4719</b>	10
polar white glossy <sup>1)</sup>	<b>4719 09</b>	10
brown glossy <sup>1)</sup>	<b>4719 01</b>	10

**Berker Arsys - for sealing set Order no. 1010 00**

Stainless steel, metal matt finish <sup>2)</sup>	<b>4758 20 04</b>	10
--------------------------------------------------	-------------------	----



<sup>1)</sup>labelling field height arranged for 9 mm P-touch strips

<sup>2)</sup>labelling field height arranged for 6 mm P-touch strips



**SCHUKO socket outlet with hinged cover**

- Labelling field  
- enhanced contact protection

- with imprint
- with self-closing hinged covers
- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

**i 911**

Labelling field height arranged for P-touch strips 6 mm.

DESIGN ORDER NO. PU

**Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00**

polar white velvety	<b>4752 60 89</b>	10
anthracite velvety, lacquered	<b>* 4752 60 86</b>	10

**Berker K.1/K.5 - for sealing set Order no. 1010 72 00**

polar white glossy	<b>4752 72 09</b>	10
anthracite matt, lacquered	<b>4752 72 06</b>	10
Aluminium, aluminium anodised	<b>* 4752 72 03</b>	10
Stainless steel, metal matt finish	<b>4752 72 04</b>	10



**SCHUKO socket outlet with frame and hinged cover**

Rated voltage 250 V~  
Rated current 16 A

- with imprint
- with sealing flange
- with plug-in terminals

**i 911**

DESIGN ORDER NO. PU

**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

white glossy	<b>4718</b>	10
polar white glossy	<b>4718 09</b>	10
brown glossy	<b>4718 01</b>	10





**SCHUKO socket outlet with cover plate and hinged cover**

- Screw terminals



- with sealing cup
- for single mounting
- without spreader claws

Rated voltage 250 V~  
Rated current 16 A

**i 911**

DESIGN ORDER NO. PU

**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

polar white glossy	<b>4211 09</b>	1
grey glossy	<b>4211</b>	1



**SCHUKO socket outlet with hinged cover**

- Lock - uneven closings



- e. g. for washing machine
- with imprint
- with 2 keys
- with plug-in terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**

Spare keys and other closures (max. 24) on request.

DESIGN ORDER NO. PU

**Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy	<b>4763</b>	1
polar white glossy	<b>4763 09</b>	1
brown glossy	<b>4763 01</b>	1



**SCHUKO socket outlet with cover plate and hinged cover**

- Lock - uneven closings

- Screw terminals



- e. g. for washing machine
- with sealing cup
- with 2 keys
- for single mounting
- without spreader claws

Rated voltage 250 V~  
Rated current 16 A

**i 911**

Spare keys and other closures (max. 24) on request.

DESIGN ORDER NO. PU

**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

polar white glossy	<b>4212 09</b>	1
grey glossy	<b>4212</b>	1



**SCHUKO socket outlets for special applications**



**SCHUKO socket outlet with hinged cover and imprint**

- Labelling field

- enhanced contact protection



- with self-closing hinged covers
- with plug-in terminals

Rated voltage 250 V~  
Rated current 16 A

**i 911**

Labelling field height arranged for P-touch strips 6 mm.

DESIGN ORDER NO. PU

**Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00**

polar white velvety, Imprint "EDV" in red	<b>4752 60 59</b>	10
polar white velvety, Imprint "SV" in green	<b>4752 60 39</b>	10
polar white velvety, Imprint "ZSV" in orange	<b>4752 60 49</b>	10



# FLUSH-MOUNTED WET-ROOM INSTALLATION

INTERNATIONAL SOCKET OUTLET SYSTEMS / COVERS FOR SWITCHES/PUSH-BUTTONS



## INTERNATIONAL SOCKET OUTLET SYSTEMS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.



### Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-15 R

- Screw terminals



- 2pole + earth
- without spreader claws

Rated voltage 125 V~  
Rated current 15 A

Not UL-certified.  
Standard NEMA 5-15 R

**i 911**



DESIGN	ORDER NO.	PU
<b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b> white glossy	<b>4202</b>	10



### Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-20 R

- Screw terminals



- 2pole + earth
- without spreader claws

Rated voltage 125 V~  
Rated current 20 A

Not UL-certified.  
Standard NEMA 5-20 R

**i 911**



DESIGN	ORDER NO.	PU
<b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b> white glossy	<b>4203</b>	10

## COVERS FOR SWITCHES/PUSH-BUTTONS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

### Covers for rocker switches/rocker push-buttons



#### Rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
<b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b> white glossy	<b>1550</b>	10
polar white glossy	<b>1550 09</b>	10
brown glossy	<b>1550 01</b>	10
<b>Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00</b> polar white velvety	<b>1620 60 89</b>	10
anthracite velvety, lacquered	<b>* 1620 60 86</b>	10



DESIGN	ORDER NO.	PU
<b>Berker K.1/K.5 - for sealing set Order no. 1010 71 00</b> polar white glossy	<b>1405 70 09</b>	10
anthracite matt, lacquered	<b>1405 70 06</b>	10
Aluminium, aluminium anodised	<b>* 1405 70 03</b>	10
Stainless steel, metal matt finish	<b>1405 70 04</b>	10





DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3 - for sealing set Order-no. 1010 77 00</b>		
polar white glossy	* 1620 20 89	10
black glossy	* 1620 20 45	10



**Rocker screw-on**

- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
<b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b>		
white glossy	1559	10
polar white glossy	1559 09	10
brown glossy	1559 01	10



**Rocker with imprint "IP44"**

Not suitable for push-button (KNX) and group push-buttons (KNX).

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
<b>Berker Arsys - for sealing set Order no. 1010 00</b>		
Stainless steel, metal matt finish	1424 10 04	10



**Rocker with imprint symbol**

- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00</b>		
polar white velvety, with imprinted symbol for light	1620 60 49	10
anthracite velvety, lacquered, with imprinted symbol for light*	1620 60 46	10
polar white velvety, with imprinted symbol for bell	1620 60 59	10
anthracite velvety, lacquered, with imprinted symbol for bell *	1620 60 56	10
polar white velvety, with imprinted symbol for door opener	1620 60 69	10
anthracite velvety, lacquered, with imprinted symbol for door opener *	1620 60 66	10



DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3 - for sealing set Order-no. 1010 77 00</b>		
polar white glossy, with imprinted symbol for light	* 1620 20 79	10
black glossy, with imprinted symbol for light	* 1620 20 35	10
polar white glossy, with imprinted symbol for bell	* 1620 20 69	10
black glossy, with imprinted symbol for bell	* 1620 20 25	10
polar white glossy, with imprinted symbol for door opener	* 1620 20 59	10
black glossy, with imprinted symbol for door opener	* 1620 20 15	10



**Rocker**

**- Labelling field**



For labelling with name, information notice, etc.

■ also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
--------	-----------	----

**Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy <sup>1)</sup>	<b>1629</b>	10
polar white glossy <sup>1)</sup>	<b>1629 09</b>	10
brown glossy <sup>1)</sup>	<b>1629 01</b>	10

**Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00**

polar white velvety <sup>2)</sup>	<b>1626 60 89</b>	10
anthracite velvety, lacquered <sup>2)</sup>	<b>* 1626 60 86</b>	10

**Berker K.1/K.5 - for sealing set Order no. 1010 71 00**

polar white glossy <sup>2)</sup>	<b>1426 70 09</b>	10
anthracite matt, lacquered <sup>2)</sup>	<b>1426 70 06</b>	10
Aluminium, aluminium anodised <sup>2)</sup>	<b>* 1426 70 03</b>	10
Stainless steel, metal matt finish <sup>2)</sup>	<b>1426 70 04</b>	10

<sup>1)</sup>labelling field height arranged for 9 mm P-touch strips

<sup>2)</sup>labelling field height arranged for 6 mm P-touch strips



**Rocker with imprint "IP44"**

**- Labelling field**



Not suitable for push-button (KNX) and group push-buttons (KNX).

Labelling field height designed for 6 mm P-touch strips.

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker Arsys - for sealing set Order no. 1010 00**

Stainless steel, metal matt finish	<b>1436 10 04</b>	10
------------------------------------	-------------------	----



**Rocker**

**- Lens**



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

■ for illumination and monitoring circuit  
■ also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
--------	-----------	----

**Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy	<b>1553</b>	10
polar white glossy	<b>1553 09</b>	10
brown glossy	<b>1553 11</b>	10

**Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00**

polar white velvety <sup>1)</sup>	<b>1621 60 89</b>	10
anthracite velvety, lacquered <sup>1)</sup>	<b>* 1621 60 86</b>	10

**Berker K.1/K.5 - for sealing set Order no. 1010 71 00**

polar white glossy	<b>1415 70 09</b>	10
anthracite matt, lacquered	<b>1415 70 06</b>	10
Aluminium, aluminium anodised	<b>* 1415 70 03</b>	10
Stainless steel, metal matt finish	<b>1415 70 04</b>	10





DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3 - for sealing set Order-no. 1010 77 00</b>		
polar white glossy <sup>2)</sup>	★ 1621 20 89	10
black glossy <sup>2)</sup>	★ 1621 20 45	10

<sup>1)</sup> only orange and clear lenses enclosed  
<sup>2)</sup> with clear lens only



**Rocker screw-on**

**- Lens**



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- with cover plug for screw fitting

**SUITABLE FOR**

Rocker switch  
Rocker push-button

**ORDER NO.**

**PAGE**

page 22  
page 22

DESIGN	ORDER NO.	PU
<b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b>		
white glossy	1557	10
polar white glossy	1557 09	10
brown glossy	1557 01	10

**NEW**



**Rocker with imprinted symbol for light**

**- Lens**



Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

**SUITABLE FOR**

Rocker switch  
Rocker push-button

**ORDER NO.**

**PAGE**

page 22  
page 22

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00</b>		
polar white velvety	1621 60 79	10
anthracite velvety, lacquered	★ 1621 60 76	10
<b>Berker R.1/R.3 - for sealing set Order-no. 1010 77 00</b>		
polar white glossy <sup>1)</sup>	★ 1621 20 79	10
black glossy <sup>1)</sup>	★ 1621 20 35	10

<sup>1)</sup> with clear lens only



**NEW**



**Rocker**

**- Labelling field**

**- Lens**



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang, and group push-button, 1 gang

**SUITABLE FOR**

Rocker switch  
Rocker push-button

**ORDER NO.**

**PAGE**

page 22  
page 22

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00</b>		
polar white velvety <sup>1)</sup>	1628 60 89	10
anthracite velvety, lacquered <sup>1)</sup>	★ 1628 60 86	10



**Berker K.1/K.5 - for sealing set Order no. 1010 71 00**

polar white glossy <sup>2)</sup>	<b>1415 71 09</b>	10
anthracite matt, lacquered <sup>2)</sup>	<b>1415 71 06</b>	10
Aluminium, aluminium anodised <sup>2)</sup>	<b>* 1415 71 03</b>	10
Stainless steel, metal matt finish <sup>2)</sup>	<b>1415 71 04</b>	10

<sup>1)</sup> only orange and clear lenses enclosed

<sup>2)</sup> lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed

**Covers for multi-pole rocker switches**



**Rocker with imprint "0"**

DESIGN	ORDER NO.	PU
<b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b>		
white glossy	<b>1551</b>	10
polar white glossy	<b>1551 09</b>	10
brown glossy	<b>1551 11</b>	10



**Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00**

polar white velvety	<b>1622 60 89</b>	10
anthracite velvety, lacquered	<b>* 1622 60 86</b>	10



**Berker K.1/K.5 - for sealing set Order no. 1010 71 00**

polar white glossy	<b>1425 71 09</b>	10
anthracite matt, lacquered	<b>1425 71 06</b>	10
Aluminium, aluminium anodised	<b>* 1425 71 03</b>	10
Stainless steel, metal matt finish	<b>1425 71 04</b>	10



**Berker R.1/R.3 - for sealing set Order-no. 1010 77 00**

polar white glossy	<b>* 1622 20 89</b>	10
black glossy	<b>* 1622 20 45</b>	10



**Rocker with imprint "0"**

**- Red lens**



- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

DESIGN	ORDER NO.	PU
<b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b>		
white glossy	<b>1558</b>	10
polar white glossy	<b>1558 09</b>	10
brown glossy	<b>1558 01</b>	10



**Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00**

polar white velvety <sup>1)</sup>	<b>1624 60 89</b>	10
anthracite velvety, lacquered <sup>1)</sup>	<b>* 1624 60 86</b>	10



**Berker K.1/K.5 - for sealing set Order no. 1010 71 00**

polar white glossy	<b>1417 71 09</b>	10
anthracite matt, lacquered	<b>1417 71 06</b>	10
Aluminium, aluminium anodised	<b>* 1417 71 03</b>	10
Stainless steel, metal matt finish	<b>1417 71 04</b>	10



**Berker R.1/R.3 - for sealing set Order-no. 1010 77 00**

polar white glossy <sup>2)</sup>	<b>* 1624 20 89</b>	10
black glossy <sup>2)</sup>	<b>* 1624 20 45</b>	10

<sup>1)</sup> with orange lens

<sup>2)</sup> with clear lens

### Covers for combination rocker switches/rocker push-buttons



#### **Rocker 2gang**

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch, 2gang		page 30
Series push-button		page 30

DESIGN	ORDER NO.	PU
--------	-----------	----

#### **Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy	<b>1552</b>	10
polar white glossy	<b>1552 09</b>	10
brown glossy	<b>1552 11</b>	10



#### **Rocker 2gang**

- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch, 2gang		page 30
Series push-button		page 30

DESIGN	ORDER NO.	PU
--------	-----------	----

#### **Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy	<b>1565</b>	10
polar white glossy	<b>1565 09</b>	10
brown glossy	<b>1565 11</b>	10

### Centre plates for key switches/key push-buttons



#### **Centre plate for key switch/key push-button**

- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Change-over switch for lock cylinders	3836 20	35
Lock cylinder	1818 ..	79
Push-button for lock cylinder	3856 20	35

DESIGN	ORDER NO.	PU
--------	-----------	----

#### **Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy	<b>1519 12</b>	10
polar white glossy	<b>1519 19</b>	10
brown glossy	<b>1519 11</b>	10

#### **Berker Q.1/Q.3 - for sealing set Order.-no. 1010 70 00**

polar white velvety	<b>1507 60 89</b>	10
anthracite velvety, lacquered	<b>* 1507 60 86</b>	10



#### **Berker K.1/K.5 - for sealing set Order.-no. 1010 70 00**

polar white glossy	<b>1505 70 09</b>	10
anthracite matt, lacquered	<b>1505 70 06</b>	10
aluminium matt, lacquered	<b>* 1505 70 03</b>	10
stainless steel matt, lacquered	<b>1505 70 04</b>	10



### COVERS FOR DIMMERS

-  Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.



#### **Centre plate for rotary dimmer**

##### **- Setting knob**



SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmers		page 42
Rotary potentiometer DALI		page 46
1-10 V Rotary potentiometer		page 47

DESIGN	ORDER NO.	PU
--------	-----------	----

#### **Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00**

polar white velvety	<b>1137 60 89</b>	10
anthracite velvety, lacquered	<b>* 1137 60 86</b>	10

# FLUSH-MOUNTED WET-ROOM INSTALLATION

## BLC CONTROLLERS



### Berker K.1/K.5 - for sealing set Order no. 1010 72 00

polar white glossy	<b>1135 70 09</b>	10
anthracite matt, lacquered	<b>1135 70 06</b>	10
Aluminium, aluminium anodised	<b>* 1135 70 03</b>	10
Stainless steel, metal matt finish	<b>1135 70 04</b>	10



### Berker R.1/R.3 - for sealing set Order no. 1010 76 00

polar white glossy	<b>* 1137 20 89</b>	10
black glossy	<b>* 1137 20 45</b>	10

## BLC CONTROLLERS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.



### BLC controller comfort 1.1 m IP44

Nominal mounting height	1.1 m	■ with adaptive sensitivity adjustment
Delay time, adjustable	≈ 10 s ... 30 min	■ with dimming function (soft-off) when using BLC dimmer inserts
immunity time	≈ 3 s	■ glare-proof, e.g. against a torch
Time to dim down	30 s	■ with teach function for response brightness
Short time mode	0.5 s	■ µ-processor controlled operation (detection signal evaluation and interference signal suppression)
Range, frontal	≈ 10 m	■ switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
Range, side	each ≈ 6 m	■ no switch-on in case of inadvertent brief shadowing
Detection field, semi-oval shaped	≈ 10 x 12 m	■ activation by push-button, NC contact in the line
Detection angle	180 °	■ step operation with immunity time (e.g. for bell)
Response sensitivity, settable	≈ 20 ... 100 %	■ with cover to limit detection angle to 90°
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)	
Operating temperature	-20 ... +45 °C	
Dimensions assembling height	23.5 mm	



**SUITABLE FOR**  
BLC Inserts

**ORDER NO.**

**PAGE**  
page 89

**i 920**

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

DESIGN ORDER NO. PU

### Splash-protected flush-mounted IP44 - for sealing flange order no. 1884

white glossy	<b>1784</b>	1
polar white glossy	<b>1784 19</b>	1
brown glossy	<b>1784 11</b>	1

### Berker Q.1/Q.3

polar white velvety <sup>1)</sup>	<b>1784 61 89</b>	1
anthracite velvety, lacquered <sup>1)</sup>	<b>* 1784 61 86</b>	1

### Berker K.1/K.5

polar white glossy <sup>1)</sup>	<b>1784 71 09</b>	1
anthracite matt, lacquered <sup>1)</sup>	<b>1784 71 06</b>	1



<sup>1)</sup> sealing set enclosed



**BLC controller comfort 2.2 m IP44**

Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Nominal mounting height	2.2 m
Response sensitivity, settable	≈ 20 ... 100 %
Detection field, semi-oval shaped	≈ 12 x 12 m
Detection angle	180 °
Range, frontal	≈ 12 m
Range, side	each ≈ 6 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Operating temperature	-20 ... +45 °C
Dimensions assembling height	23.5 mm
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°
- with teach function for response brightness

**SUITABLE FOR**  
BLC Inserts

**ORDER NO.**     **PAGE**  
page 89

**i 920**

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

DESIGN	ORDER NO.	PU
<b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b>		
white glossy	<b>1787</b>	1
polar white glossy	<b>1787 19</b>	1
brown glossy	<b>1787 11</b>	1
<b>Berker Q.1/Q.3</b>		
polar white velvety <sup>1)</sup>	<b>1787 61 89</b>	1
anthracite velvety, lacquered <sup>1)</sup>	<b>* 1787 61 86</b>	1
<b>Berker K.1/K.5</b>		
polar white glossy <sup>1)</sup>	<b>1787 71 09</b>	1
anthracite matt, lacquered <sup>1)</sup>	<b>1787 71 06</b>	1



<sup>1)</sup> sealing set enclosed



**BLC controller 1.1 m IP44**

Nominal mounting height	1.1 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Delay time	≈ 2 min
Operating temperature	-20 ... +45 °C
Dimensions assembling height	23.5 mm

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

**SUITABLE FOR**  
BLC Inserts

**ORDER NO.**      **PAGE**  
page 89

**i 920**



Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

DESIGN	ORDER NO.	PU
--------	-----------	----

**Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy	<b>1783</b>	1
polar white glossy	<b>1783 19</b>	1
brown glossy	<b>1783 11</b>	1

**Berker Q.1/Q.3**

polar white velvety <sup>1)</sup>	<b>1783 61 89</b>	1
anthracite velvety, lacquered <sup>1)</sup>	<b>* 1783 61 86</b>	1

**Berker K.1/K.5**

polar white glossy <sup>1)</sup>	<b>1783 71 09</b>	1
anthracite matt, lacquered <sup>1)</sup>	<b>1783 71 06</b>	1

<sup>1)</sup>sealing set enclosed



**BLC controller 2.2 m IP44**

Nominal mounting height	2.2 m
Response sensitivity, settable	≈ 20 ... 100 %
Detection field, semi-oval shaped	≈ 12 x 12 m
Detection angle	180 °
Range, frontal	≈ 12 m
Range, side	each ≈ 6 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Operating temperature	-20 ... +45 °C
Dimensions assembling height	23.5 mm
Delay time	≈ 2 min
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

**SUITABLE FOR**  
BLC Inserts

**ORDER NO.**      **PAGE**  
page 89

**i 920**



In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

DESIGN	ORDER NO.	PU
--------	-----------	----

**Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy	<b>1786</b>	1
polar white glossy	<b>1786 19</b>	1
brown glossy	<b>1786 11</b>	1







**Berker Q.1/Q.3**

polar white velvety <sup>1)</sup>	<b>1786 61 89</b>	1
anthracite velvety, lacquered <sup>1)</sup>	* <b>1786 61 86</b>	1

**Berker K.1/K.5**

polar white glossy <sup>1)</sup>	<b>1786 71 09</b>	1
anthracite matt, lacquered <sup>1)</sup>	<b>1786 71 06</b>	1

<sup>1)</sup> sealing set enclosed

**COVERS FOR BLIND SWITCHES/PUSH-BUTTONS**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

**Rockers with imprint**



**Rocker 2gang with imprinted arrow symbol**

■ also for KNX applications: push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Blind series switch 1pole	3035 20	112
Blind series switch 1pole	5035 20	112

DESIGN

ORDER NO.

PU

**Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy	<b>1552 22</b>	10
polar white glossy	<b>1552 29</b>	10
brown glossy	<b>1552 21</b>	10

**Centre plates for rotary switches for blinds**



**Centre plate with rotary knob for rotary switch for blinds**

■ with imprint

SUITABLE FOR	ORDER NO.	PAGE
Rotary switch for blinds 1pole	3841	114
Rotary switch for blinds 2pole	3842	114

DESIGN

ORDER NO.

PU

**Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy	<b>1529</b>	1
polar white glossy	<b>1529 09</b>	1
brown glossy	<b>1529 01</b>	1



**Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00**

polar white velvety	<b>1080 60 89</b>	1
anthracite velvety, lacquered	* <b>1080 60 86</b>	1



**Berker K.1/K.5 - for sealing set Order no. 1010 72 00**

polar white glossy	<b>1077 71 09</b>	1
anthracite matt, lacquered	<b>1077 71 06</b>	1
Aluminium, aluminium anodised	* <b>1077 71 03</b>	1
Stainless steel, metal matt finish	<b>1077 71 04</b>	1



**Berker R.1/R.3 - for sealing set Order no. 1010 76 00**

polar white glossy	* <b>1080 20 89</b>	1
black glossy	* <b>1080 20 45</b>	1

**Centre plates for key switches/key push-buttons for blinds**



**Centre plate for key push-button for blinds/key switch**

- with imprint
- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for lock cylinder	3821 20	117
Push-button for blinds 1pole for lock cylinder	3831 20	118
Lock cylinder	1818 ..	79

DESIGN

ORDER NO.

PU

**Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy	<b>1518 12</b>	10
polar white glossy	<b>1518 19</b>	10
brown glossy	<b>1518 11</b>	10

**Berker Q.1/Q.3 - for sealing set Order.-no. 1010 70 00**

polar white velvety	<b>1506 60 89</b>	10
anthracite velvety, lacquered	<b>* 1506 60 86</b>	10

**Berker K.1/K.5 - for sealing set Order.-no. 1010 70 00**

polar white glossy	<b>1504 71 09</b>	10
anthracite matt, lacquered	<b>1504 71 06</b>	10
aluminium matt, lacquered	<b>* 1504 71 03</b>	10
stainless steel matt, lacquered	<b>1504 71 04</b>	10



**HVAC COVERS**

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

**Covrs for heating emergency switches/push-buttons**



**Rocker with imprint "Heizung Notschalter"**

- Red lens



Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN

ORDER NO.

PU

**Splash-protected flush-mounted IP44 - for sealing flange order no. 1884**

white glossy	<b>1568</b>	10
polar white glossy	<b>1568 09</b>	10
brown glossy	<b>1568 01</b>	10

**Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00**

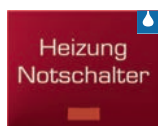
polar white velvety <sup>1)</sup>	<b>1621 60 69</b>	10
-----------------------------------	-------------------	----

**Berker K.1/K.5 - for sealing set Order no. 1010 71 00**

red glossy	<b>1488 71 15</b>	10
------------	-------------------	----

**Berker R.1/R.3 - for sealing set Order-no. 1010 77 00**

polar white glossy <sup>2)</sup>	<b>* 1621 20 49</b>	10
----------------------------------	---------------------	----



<sup>1)</sup>with orange lens  
<sup>2)</sup>with clear lens



**Rocker with imprint "Heizung Notschalter - 0"**

- Red lens



Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

DESIGN	ORDER NO.	PU
<b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b>		
white glossy	<b>1569</b>	10
polar white glossy	<b>1569 09</b>	10
brown glossy	<b>1569 01</b>	10



**Centre plate with glass plate**

- Rocker



The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: "Notschalter", "Rauchabzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen".

Not suitable for heating systems > 50 kW.

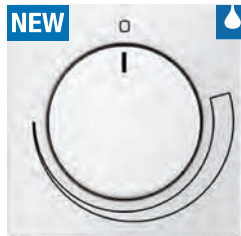
The glass pane protects against incorrect usage.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
<b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b>		
red glossy	<b>1295</b>	10

**Centre plates for air conditioner/fan controllers**



**Centre plate for speed controller**

- Setting knob



Axis dimension Ø 4 mm

- with imprinted symbol curve

SUITABLE FOR	ORDER NO.	PAGE
Speed controllers	2968 01	149

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00**

polar white velvety	<b>1137 60 79</b>	10
anthracite velvety, lacquered	<b>* 1137 60 76</b>	10




**Berker K.1/K.5 - for sealing set Order no. 1010 72 00**




polar white glossy	<b>1135 72 09</b>	10
anthracite matt, lacquered	<b>1135 72 06</b>	10
Aluminium, aluminium anodised	<b>* 1135 72 03</b>	10
Stainless steel, metal matt finish	<b>1135 72 04</b>	10

**Berker R.1/R.3 - for sealing set Order no. 1010 76 00**

polar white glossy	<b>* 1137 20 79</b>	10
black glossy	<b>* 1137 20 35</b>	10




	<p><b>Centre plate with rotary knob for 3-step switch</b> - 0 position</p>	<p>■ with imprint</p>		
	<p>DESIGN</p>	<p>SUITABLE FOR</p>	<p>ORDER NO.</p>	<p>PAGE</p>
	<p><b>Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00</b></p>	<p>3-step switch</p>	<p>3861 ..</p>	<p>148</p>
	<p>polar white velvety</p>			
	<p><b>Berker K.1/K.5 - for sealing set Order no. 1010 72 00</b></p>			
	<p>polar white glossy</p>	<p>1096 60 89</p>		<p>1</p>
	<p>anthracite velvety, lacquered</p>	<p>* 1096 60 86</p>		<p>1</p>
	<p>anthracite matt, lacquered</p>			
	<p><b>Berker R.1/R.3 - for sealing set Order no. 1010 76 00</b></p>			
	<p>Aluminium, aluminium anodised</p>	<p>1087 71 09</p>		<p>1</p>
	<p>Stainless steel, metal matt finish</p>	<p>* 1087 71 03</p>		<p>1</p>
	<p>Stainless steel, metal matt finish</p>	<p>1087 71 04</p>		<p>1</p>
	<p><b>Berker R.1/R.3 - for sealing set Order no. 1010 76 00</b></p>			
<p>polar white glossy</p>	<p>* 1096 20 89</p>		<p>1</p>	
<p>black glossy</p>	<p>* 1096 20 45</p>		<p>1</p>	

	<p><b>Centre plate with rotary knob for 3-step switch</b></p>	<p>■ with imprint</p>		
	<p>DESIGN</p>	<p>SUITABLE FOR</p>	<p>ORDER NO.</p>	<p>PAGE</p>
	<p><b>Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00</b></p>	<p>3-step switch</p>	<p>3861 ..</p>	<p>148</p>
	<p>polar white velvety, without 0-position: 2-1-3</p>	<p>1084 60 89</p>		<p>1</p>
	<p><b>Berker K.1/K.5 - for sealing set Order no. 1010 72 00</b></p>			
	<p>anthracite velvety, lacquered, without 0-position: 2-1-3</p>	<p>* 1084 60 86</p>		<p>1</p>
	<p>polar white glossy, without 0-position: 2-1-3</p>	<p>1088 71 09</p>		<p>1</p>
	<p>anthracite matt, lacquered, without 0-position: 2-1-3</p>	<p>1088 71 06</p>		<p>1</p>
	<p><b>Berker R.1/R.3 - for sealing set Order no. 1010 76 00</b></p>			
	<p>Aluminium, aluminium anodised, without 0-position: 2-1-3</p>	<p>* 1088 71 03</p>		<p>1</p>
	<p>Stainless steel, metal matt finish, without 0-position: 2-1-3</p>	<p>1088 71 04</p>		<p>1</p>
	<p>Stainless steel, metal matt finish, without 0-position: 2-1-3</p>	<p>1088 71 04</p>		<p>1</p>
	<p><b>Berker R.1/R.3 - for sealing set Order no. 1010 76 00</b></p>			
<p>polar white glossy, without 0-position: 2-1-3</p>	<p>* 1084 20 89</p>		<p>1</p>	
<p>black glossy, without 0-position: 2-1-3</p>	<p>* 1084 20 45</p>		<p>1</p>	

**COVERS FOR PILOT LAMPS**

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

	<p><b>Centre plate for push-button/pilot lamp E10</b></p>	<p>■ centre plate for plug-in fixing</p>		
	<p>Cut-out Ø</p>	<p>27.3 mm</p>		
	<p>DESIGN</p>	<p>SUITABLE FOR</p>	<p>ORDER NO.</p>	<p>PAGE</p>
	<p><b>Splash-protected flush-mounted IP44 - for sealing flange order no. 1884</b></p>	<p>Push-button/pilot lamp E10, NO contact</p>	<p>5101 ..</p>	<p>68</p>
<p>white glossy</p>	<p>1530</p>		<p>10</p>	
<p>polar white glossy</p>	<p>1530 09</p>		<p>10</p>	
<p>brown glossy</p>	<p>1530 01</p>		<p>10</p>	

NEW

 **Centre plate for pilot lamp E14**



**SUITABLE FOR**  
Pilot lamp E14

**ORDER NO.** 5131 02

**PAGE** 69

DESIGN ORDER NO. PU

**Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00**

polar white velvety 1198 60 89 10

anthracite velvety, lacquered \* 1198 60 86 10

**Berker K.1/K.5 - for sealing set Order no. 1010 72 00**

polar white glossy 1167 70 09 10

anthracite matt, lacquered 1167 70 06 10

aluminium matt, lacquered \* 1167 70 03 10

stainless steel matt, lacquered 1167 70 04 10

**Berker R.1/R.3 - for sealing set Order no. 1010 76 00**

polar white glossy \* 1198 20 89 10

black glossy \* 1198 20 45 10



**BLANK PLATES**

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

NEW

 **Blind plug with centre plate**



- on supporting plate without cut-out
- centre plate for plug-in fixing

DESIGN ORDER NO. PU

**Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00**

polar white velvety <sup>1)</sup> 1009 60 89 20

anthracite velvety, lacquered <sup>1)</sup> \* 1009 60 86 20

polar white velvety <sup>2)</sup> 67 1009 60 89 10

anthracite velvety, lacquered <sup>2)</sup> \* 67 1009 60 86 10

**Berker K.1/K.5 - for sealing set Order no. 1010 72 00**

polar white glossy <sup>1)</sup> 1045 70 09 20

anthracite matt, lacquered <sup>1)</sup> 1045 70 06 20

Aluminium, aluminium anodised <sup>1)</sup> \* 1045 70 03 20

Stainless steel, metal matt finish <sup>1)</sup> 1045 70 04 20

polar white glossy <sup>2)</sup> 67 1045 70 09 10

anthracite matt, lacquered <sup>2)</sup> 67 1045 70 06 10

Aluminium, aluminium anodised <sup>2)</sup> \* 67 1045 70 03 10

Stainless steel, metal matt finish <sup>2)</sup> 67 1045 70 04 10

**Berker R.1/R.3 - for sealing set Order no. 1010 76 00**

polar white glossy <sup>1)</sup> \* 1009 20 89 20

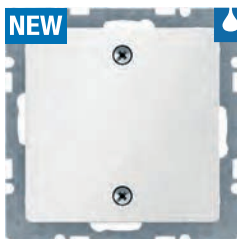
black glossy <sup>1)</sup> \* 1009 20 45 20



<sup>1)</sup> without spreader claws  
<sup>2)</sup> with base and spreader claws

NEW

 **Blind plug with centre plate, screw-on**



- on supporting plate with large cut-out
- space-saving for relays, etc.
- for customised cut-outs or holes when installing special solutions
- without spreader claws
- with cover plug for screw fitting

DESIGN ORDER NO. PU

**Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00**

polar white velvety 1009 60 79 20

anthracite velvety, lacquered \* 1009 60 76 20





**Berker K.1/K.5 - for sealing set Order no. 1010 72 00**

polar white glossy	<b>1045 71 09</b>	20
anthracite matt, lacquered	<b>1045 71 06</b>	20

**BARRIER-FREE CONSTRUCTION**



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.



The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

**Rockers - barrier-free construction**



**Rocker for barrier-free construction**

- Guide for mouth rod
- Lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00**

polar white velvety	<b>1661 60 49</b>	10
---------------------	-------------------	----

**Berker K.1/K.5 - for sealing set Order no. 1010 71 00**

polar white glossy <sup>1)</sup>	<b>1661 71 09</b>	10
----------------------------------	-------------------	----



**Berker R.1/R.3 - for sealing set Order-no. 1010 77 00**

polar white glossy <sup>2)</sup>	<b>* 1661 20 49</b>	10
----------------------------------	---------------------	----

<sup>1)</sup>lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed  
<sup>2)</sup>with clear lens only



**Rocker for barrier-free construction**

- Tactile light symbol
- Orange lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switch		page 22
Rocker push-button		page 22

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00**

polar white velvety	<b>1651 60 49</b>	10
---------------------	-------------------	----

**Berker K.1/K.5 - for sealing set Order no. 1010 71 00**

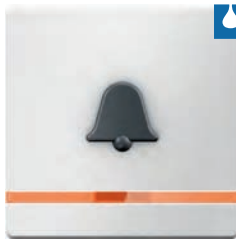
polar white glossy <sup>1)</sup>	<b>1651 71 09</b>	10
----------------------------------	-------------------	----



**Berker R.1/R.3 - for sealing set Order-no. 1010 77 00**

polar white glossy <sup>2)</sup>	<b>* 1651 20 49</b>	10
----------------------------------	---------------------	----

<sup>1)</sup>with red lens  
<sup>2)</sup>with clear lens



**Rocker for barrier-free construction**

- Tactile bell symbol
- Orange lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang

**SUITABLE FOR** Rocker push-button **ORDER NO.** **PAGE** page 22

DESIGN ORDER NO. PU

**Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00**

polar white velvety **1651 60 59** 10

**Berker K.1/K.5 - for sealing set Order no. 1010 71 00**

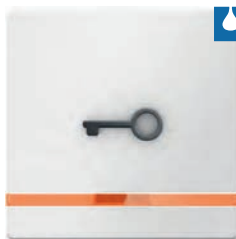
polar white glossy <sup>1)</sup> **1651 72 09** 10

**Berker R.1/R.3 - for sealing set Order-no. 1010 77 00**

polar white glossy <sup>2)</sup> \* **1651 20 89** 10



<sup>1)</sup> with red lens  
<sup>2)</sup> with clear lens



**Rocker for barrier-free construction**

- Tactile symbol for door opener
- Orange lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1 gang

**SUITABLE FOR** Rocker push-button **ORDER NO.** **PAGE** page 22

DESIGN ORDER NO. PU

**Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00**

polar white velvety **1651 60 69** 10

**Berker K.1/K.5 - for sealing set Order no. 1010 71 00**

polar white glossy <sup>1)</sup> **1651 73 09** 10

**Berker R.1/R.3 - for sealing set Order-no. 1010 77 00**

polar white glossy <sup>2)</sup> \* **1651 20 69** 10



<sup>1)</sup> with red lens  
<sup>2)</sup> with clear lens

SEALINGS IP44



Sealing set for socket outlets/centre plates

DESIGN  
**Berker Q.1/Q.3, K.1/K.5**  
transparent

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO socket outlets with hinged cover		page 645
Centre plate for rotary dimmer		page 653
Centre plate with rotary knob for rotary switch for blinds		page 657
Centre plate for pilot lamp E14		page 661
Centre plates for air conditioner/fan controllers		page 659
BLANK PLATES		page 661
ORDER NO.		PU
<b>1010 72 00</b>		1



Sealing set for socket outlets/centre plates

DESIGN  
**Berker R.1/R.3**  
transparent

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO socket outlets with hinged cover		page 645
Centre plate for rotary dimmer		page 653
Centre plate with rotary knob for rotary switch for blinds		page 657
Centre plates for air conditioner/fan controllers		page 659
Centre plate for pilot lamp E14		page 661
BLANK PLATES		page 661
Socket outlet with earthing pin and hinged cover	67 6583 ..	490
ORDER NO.		PU
<b>* 1010 76 00</b>		1



Sealing set for switches/push-buttons

DESIGN  
**Berker Q.1/Q.3, K.1/K.5**  
transparent

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

SUITABLE FOR	ORDER NO.	PAGE
Covers for rocker switches/rocker push-buttons		page 648
Covers for multi-pole rocker switches		page 652
Covrs for heating emergency switches/push-buttons		page 658
Rockers - barrier-free construction		page 662
ORDER NO.		PU
<b>1010 71 00</b>		1



Sealing set for switches/push-buttons

DESIGN  
**Berker R.1/R.3**  
transparent

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

SUITABLE FOR	ORDER NO.	PAGE
Covers for rocker switches/rocker push-buttons		page 648
Covers for multi-pole rocker switches		page 652
Covrs for heating emergency switches/push-buttons		page 658
Rockers - barrier-free construction		page 662
ORDER NO.		PU
<b>* 1010 77 00</b>		1





**Sealing set for Arsys IP44 devices**

DESIGN

**Berker Arsys IP44**

Sealing set for Arsys IP44 devices

**SUITABLE FOR**

SCHUKO socket outlets with hinged cover  
Covers for rocker switches/rocker push-buttons

**ORDER NO.**

**PAGE**

page 645

page 648

ORDER NO.

PU

**1010 00**

10



**Sealing set for key switch/key push-button**

DESIGN

**Berker Q.1/Q.3, K.1/K.5**

transparent

**SUITABLE FOR**

Centre plate for key switch/key push-button  
Centre plate for key push-button for blinds/key switch

**ORDER NO.**

**PAGE**

page 653

page 658

ORDER NO.

PU

**1010 70 00**

1

**Frame with sealing**

- For complete devices of the Design line **WG UP IP44** (except order no. 4718 ..., 4211 .., 4212 ..), a sealing flange, order no. 1884, is required to achieve the IP44 degree of protection.



**Frame with sealing**

**- Sealing**

Use only in conjunction with sealing flange order no. 1884!

DESIGN

**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

white glossy, 1gang

white glossy, 2gang

white glossy, 3gang

- for vertical and horizontal mounting

**SUITABLE FOR**

Sealing flange for splash-protected flush-mounted devices

**ORDER NO.**

**PAGE**

1884

666

**i 974**

ORDER NO.

PU

**1328**

10

**1329**

2

**1330**

2



**Frame with sealing**

**- Sealing**

Use only in conjunction with sealing flange order no. 1884!

DESIGN

**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

polar white glossy, 1gang

polar white glossy, 2gang

polar white glossy, 3gang

- for vertical and horizontal mounting

**SUITABLE FOR**

Sealing flange for splash-protected flush-mounted devices

**ORDER NO.**

**PAGE**

1884

666

**i 974**

ORDER NO.

PU

**1328 09**

10

**1329 09**

2

**1330 09**

2



**Frame with sealing**

**- Sealing**

Use only in conjunction with sealing flange order no. 1884!

DESIGN

**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

brown glossy, 1gang

brown glossy, 2gang

brown glossy, 3gang

- for vertical and horizontal mounting

**SUITABLE FOR**

Sealing flange for splash-protected flush-mounted devices

**ORDER NO.**

**PAGE**

1884

666

**i 974**

ORDER NO.

PU

**1328 01**

10

**1329 01**

2

**1330 01**

2



**Sealing flange for splash-protected flush-mounted devices**

The sealing flange must be inserted between the supporting plate and the wall!

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO socket outlets with hinged cover		page 645
INTERNATIONAL SOCKET OUTLET SYSTEMS		page 648
Covers for rocker switches/rocker push-buttons		page 648
Covers for multi-pole rocker switches		page 652
Covers for combination rocker switches/rocker push-buttons		page 653
Centre plate for key switch/key push-button		page 653
BLC CONTROLLERS		page 654
COVERS FOR BLIND SWITCHES/PUSH-BUTTONS		page 657
Covrs for heating emergency switches/push-buttons		page 658
Centre plate for push-button/pilot lamp E10		page 660
Frame with sealing		page 665

DESIGN	ORDER NO.	PU
<b>FLUSH-MOUNTED SPLASH-PROTECTED IP44</b>		
grey	<b>1884</b>	10

**INTERMEDIATE RINGS FOR CENTRAL PLATES**



**Intermediate ring with hinged cover**

**- Labelling field**



Labelling field height arranged for P-touch strips 9 mm.  
Combinable with central plates for communication technology and central plates for hospital installations.

SUITABLE FOR	ORDER NO.	PAGE
■ for central plates and centre plate 50 x 50 mm		
Central plate for aerial socket 4hole (Ankaro)		page 159
Central plate for aerial socket 4hole (Hirschmann)		page 159
Central plate for broadband modem socket (Wisi)		page 159
Central plate for FCC socket outlet		page 162
Central plate for FCC socket outlet 2gang		page 164
Central plate with installation opening Ø 18.8 mm		page 175
Central plate for socket outlet for floating output		page 235
Central plate for 6pole socket outlet		page 235

**IP20**

DESIGN	ORDER NO.	PU
white glossy	<b>1022 50</b>	10
polar white glossy	<b>1022 59</b>	10
brown glossy	<b>1022 51</b>	10



**Central plate for aerial socket 2hole**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
For aerial socket as per according to DIN 45330

SUITABLE FOR	ORDER NO.	PAGE
■ labelling field latchable		
Intermediate ring with hinged cover		page 666
Aerial socket 2hole single box	4502	156
Aerial socket, 2hole throughpass socket	4515	156

DESIGN	ORDER NO.	PU
white glossy	<b>1486 02</b>	10
polar white	<b>1486 09</b>	10
brown glossy	<b>1486 01</b>	10





## SURFACE-MOUNTED WET-ROOM INSTALLATION

<b>AQUATEC IP 44</b>	
SCHUKO SOCKET OUTLETS WITH HINGED COVER	670-673
INTERNATIONAL SOCKET OUTLET SYSTEMS	674
SWITCHES/PUSH-BUTTONS	675-681
COMBINATIONS	682
TIME SWITCHES	683
ROTARY DIMMER	683
BLIND SWITCHES/PUSH-BUTTONS	683-685
SPEED CONTROLLERS	685
PILOT LAMPS	686
SUPPLEMENTARY PRODUCTS	687-691
COMMUNICATION/MULTIMEDIA TECHNOLOGY	691-693
<b>DIE-CAST IP44</b>	
SWITCHES/PUSH-BUTTONS	693-696
<b>ISO-PANZER IP44</b>	
SCHUKO SOCKET OUTLETS WITH HINGED COVER	696-697
INTERNATIONAL SOCKET OUTLET SYSTEMS	698-699
SWITCHES/PUSH-BUTTONS	700
COMBINATIONS	701
BLIND SWITCHES/PUSH-BUTTONS	701
HOUSINGS	702
SUPPLEMENTARY PRODUCTS	702-703
<b>ISO-PANZER IP66</b>	
SCHUKO CONNECTING DEVICES	704
SWITCHES/PUSH-BUTTONS	704-705
BLIND SWITCHES/PUSH-BUTTONS	705
PILOT LAMPS	706
SUPPLEMENTARY PRODUCTS	706-707

For surface mounting, our Aquatec range, or the extremely sturdy, waterproof ISO Panzer mean that everything is home and dry.

- Spacious housing for easy installation
- Housing, rockers and hinged cover in impact-resistant thermoplastic material in light grey/grey and black/yellow
- Housing material highly resistant to chemicals
- Screws and hinged cover springs made of stainless steel/cover pivot pins made of non-corrosive brass
- Large control surfaces

**SCHUKO SOCKET OUTLETS WITH HINGED COVER**

■ Connection terminals according to VDE 0620-1, design DIN 49440 Connection terminals according to IEC 60884-1



**SCHUKO socket outlet with hinged cover surface-mounted**

Rated voltage 250 V~  
 Rated current 16 A

- with hollow base
- with cable entry at top and bottom
- with plug-in terminals

Housing screws, hinged cover springs and axles made of stainless steel.

**i 981**

**IP44**



DESIGN	ORDER NO.	PU
polar white	<b>4740 09</b>	10
light grey/grey, glossy/matt	<b>4740 05</b>	10



**SCHUKO socket outlet with upper casing, hinged cover**

Rated voltage 250 V~  
 Rated current 16 A

- to combine with housing bottom parts
- with hollow base
- with plug-in terminals

Housing screws, hinged cover springs and axles made of stainless steel.

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted lower casing with cable entries	6118 91 05 ..	674
Lower casing with entry M20 x 1.5	6119 60 05 ..	674
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05 ..	674

**IP44**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>6147 40 15</b>	10



**SCHUKO socket outlet with hinged cover surface-mounted**

**- enhanced contact protection**



Rated voltage 250 V~  
 Rated current 16 A

- with hollow base
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Housing screws, hinged cover springs and axles made of stainless steel.

**i 981**

**IP44**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>4763 05</b>	10



**SCHUKO socket outlet with hinged cover surface-mounted**

**- Labelling field**



Rated voltage 250 V~  
 Rated current 16 A

- with hollow base
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Housing screws, hinged cover springs and axles made of stainless steel.

**i 981**

**IP44**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>4741 05</b>	10



**SCHUKO socket outlet with hinged cover surface-mounted**

- Screw terminals



- with hollow base
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring

**i 981**

Housing screws, hinged cover spring and axle made of stainless steel.



Labelling field height designed for 9 mm P-touch strip.



DESIGN

light grey/grey, glossy/matt

ORDER NO.

**4241 15**

PU

10



**SCHUKO socket outlet with hinged cover surface-mounted**

- Labelling field

- Lock - uneven closings



- e. g. for washing machine
- each with 2 keys
- with hollow base
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Rated voltage

250 V~

Rated current

16 A



Spare keys and other closures (max. 24) on request.

Housing screws, hinged cover spring and axle made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.



DESIGN

light grey/grey, glossy/matt

ORDER NO.

**4769 05**

PU

1



**SCHUKO socket outlet with hinged cover surface-mounted**

- Labelling field

- Lock - even closings



- e. g. for washing machine
- each with 2 keys
- with hollow base
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Rated voltage

250 V~

Rated current

16 A



Spare keys and other closures (max. 24) on request.

Housing screws, hinged cover spring and axle made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.



DESIGN

light grey/grey, glossy/matt, 2x set

ORDER NO.

**4789 05**

PU

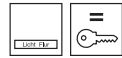
1

**Combination SCHUKO socket outlets with hinged cover**



**2gang SCHUKO socket outlet with hinged cover surface-mounted**

- Labelling field
- Locks - even closings



Rated voltage  
Rated current

250 V~  
16 A

- e. g. for washing machine and drier
- for horizontal mounting
- each with 2 keys
- with hollow base
- 2 knock out openings for entries at bottom
- with 2 cable entries at top
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Spare keys and other closures (max. 24) on request.

Housing screws, hinged cover springs and axles made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>4768 05</b>	1



**2gang SCHUKO socket outlet horizontal with hinged cover surface-mounted**

Rated voltage  
Rated current

250 V~  
16 A

- inserts wired-through
- with hollow base
- with cable entry at top and bottom
- with plug-in terminals

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

IP44



DESIGN	ORDER NO.	PU
polar white	<b>4770 09</b>	5
light grey/grey, glossy/matt	<b>4770 05</b>	5



**2gang SCHUKO socket outlet with hinged cover surface-mounted**

Rated voltage  
Rated current

250 V~  
16 A

- for horizontal mounting
- inserts wired-through
- with hollow base
- 2 knock out openings for entries at bottom
- with 2 cable entries at top
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>4784 05</b>	5

**i 981**





**2gang SCHUKO socket outlet horizontal with hinged cover surface-mounted**

**- Labelling field**



Rated voltage 250 V~  
Rated current 16 A

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

- inserts wired-through
- with hollow base
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>4770 15</b>	5



**3gang SCHUKO socket outlet surface-mounted with hinged cover**

Rated voltage 250 V~  
Rated current 16 A

As a result of the side cable entries specially suited for installation over workbenches.

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

- for horizontal mounting
- inserts wired-through
- with hollow base
- with cable entry at top and each side
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

**i 981**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>4773 05</b>	1



**Surface-mounted double SCHUKO socket outlet with hinged cover**

Rated voltage 250 V~  
Rated current 16 A

As a result of the side cable entries specially suited for installation over workbenches.

Housing screws, hinged cover springs and axles made of stainless steel.

- for horizontal mounting
- inserts wired-through
- with hollow base
- with cable entry at top and each side
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>4775 05</b>	5



**Surface-mounted double SCHUKO socket outlet with hinged cover**

**- Labelling field**



Rated voltage 250 V~  
Rated current 16 A

As a result of the side cable entries specially suited for installation over workbenches.

Housing screws, hinged cover springs and axles made of stainless steel.

- for horizontal mounting
- inserts wired-through
- with hollow base
- with cable entry at top and each side
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

**i 981**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>4775 15</b>	5

**INTERNATIONAL SOCKET OUTLET SYSTEMS**

**Socket outlets with earthing pin**



**Socket outlet with earthing pin and upper casing surface-mounted**

- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A  
Connection terminals according to IEC 60884-1

- 2pole + earth
- with hollow base
- with screw-in lift terminals

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted lower casing with cable entries	6118 91 05	674
Lower casing with entry M20 x 1.5	6119 60 05	674
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	674



DESIGN	ORDER NO.	PAGE
light grey/grey, glossy/matt	<b>6745 64 15</b>	10

**Lower casings**



**Surface-mounted lower casing with cable entries**

- Wago clip-in 3-wire connection terminal for wiring

SUITABLE FOR	ORDER NO.	PAGE
On/off switch 2pole with upper casing and imprint "0 - 1" surface-mounted	6130 7 ..	679
SCHUKO socket outlet with upper casing, hinged cover	6147 40 15	670
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	678
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 7 ..	676
Socket outlet with earthing pin and upper casing surface-mounted	6745 64 15	674

DESIGN	ORDER NO.	PAGE
light grey, 1gang	<b>6118 91 05</b>	10



**Lower casing with entry M20 x 1.5**

- Wago clip-in 3-wire connection terminal for wiring

SUITABLE FOR	ORDER NO.	PAGE
Series switch with upper casing surface-mounted	6130 7 ..	679
SCHUKO socket outlet with upper casing, hinged cover	6147 40 15	670
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	678
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 7 ..	676
Socket outlet with earthing pin and upper casing surface-mounted	6745 64 15	674

DESIGN	ORDER NO.	PAGE
light grey, 1gang	<b>6119 60 05</b>	10



**Lower casing 2gang vertical, entry M20 x 1.5 mm**

- Wago clip-in 3-wire connection terminal for wiring

SUITABLE FOR	ORDER NO.	PAGE
Series switch with upper casing surface-mounted	6130 7 ..	679
Control change-over switch with upper casing surface-mounted	6131 7 ..	677
SCHUKO socket outlet with upper casing, hinged cover	6147 40 15	670
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	678
Socket outlet with earthing pin and upper casing surface-mounted	6745 64 15	674

DESIGN	ORDER NO.	PAGE
light grey	<b>6119 61 05</b>	10

**SWITCHES/PUSH-BUTTONS**

**Rocker switches/rocker push-buttons**



**Change-over/intermediate switch surface-mounted**

Rated voltage 250 V~  
Switching current 10 AX  
Housing screws made of stainless steel.

- with cable entry at top and bottom
- with plug-in terminals
- Wago clip-in 3-wire connection terminal for wiring

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	681

**i 981**

**IP44**

DESIGN	ORDER NO.	PU
Change-over switch surface-mounted, polar white	<b>3076 09</b>	10
Change-over switch surface-mounted, light grey/grey, glossy/matt	<b>3076 05</b>	10
Intermediate switch surface-mounted, light grey/grey, glossy/matt	<b>3077 05</b>	10



**Intermediate switch with upper casing surface-mounted**

Rated voltage 250 V~  
Switching current 10 AX  
Housing screws made of stainless steel.

- to combine with housing bottom parts
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	681
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	674
Surface-mounted lower casing with cable entries	6118 91 05	674
Lower casing with entry M20 x 1.5	6119 60 05	674

**IP44**

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>6130 77 15</b>	10



**Change-over switch with upper casing surface-mounted**

Rated voltage 250 V~  
Switching current 10 AX  
Housing screws made of stainless steel.

- to combine with housing bottom parts
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	681
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	674
Surface-mounted lower casing with cable entries	6118 91 05	674
Lower casing with entry M20 x 1.5	6119 60 05	674

**IP44**

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>6130 76 15</b>	10



**Change-over switch surface-mounted - Labelling field - illuminable**



Rated voltage 250 V~  
Switching current 10 AX

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
LED unit for labelling field - illuminable	1619 01	689

**i 981**

For labelling with name, information notice, etc.  
Housing screws made of stainless steel.  
Labelling field height designed for 9 mm P-touch strip.

**IP44**

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>3076 55</b>	10





**Illuminated change-over switch surface-mounted**

- Red lens



Rated voltage  
Switching current  
Neon lamp current

250 V~  
10 AX  
1 mA

- for illumination
- with neon lamp unit with N terminal order no. 1675
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Incandescent lamp unit with N terminal		page 687
LED unit 230 V, for switches/push-buttons		page 688
<b>replacement</b>		
Neon lamp unit with N terminal		page 688

**IP44**

Housing screws made of stainless steel.

**i 981**



DESIGN  
light grey/grey, glossy/matt

ORDER NO. **3076 25** PU 10



**Control on/off switch with upper casing and imprint "0" surface-mounted**

- Red lens



Rated voltage  
Switching current

250 V~  
10 AX

- to combine with housing bottom parts
- 2pole
- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	681
Surface-mounted lower casing with cable entries	6118 91 05	674
Lower casing with entry M20 x 1.5	6119 60 05	674
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	674
<b>optional</b>		
Incandescent lamp unit with N terminal		page 687
Neon lamp unit with N terminal		page 688
LED unit 230 V, for switches/push-buttons		page 688

**IP44**

Housing screws made of stainless steel.



DESIGN  
light grey/grey, glossy/matt

ORDER NO. **6131 72 15** PU 10



**Control change-over switch surface-mounted**

- Red lens



Rated voltage  
Switching current  
Neon lamp current

250 V~  
10 AX  
1 mA

- can be illuminated using neon and glow lamp unit with N-terminal
- for monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- knock out opening for entry at top and bottom
- with cable and duct entry
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Neon lamp unit with N terminal		page 688
<b>optional</b>		
Incandescent lamp unit with N terminal		page 687
LED unit 230 V, for switches/push-buttons		page 688

**IP44**

Housing screws made of stainless steel.

**i 981**



DESIGN  
light grey/grey, glossy/matt

ORDER NO. **3176 05** PU 10



**Control change-over switch with upper casing surface-mounted**

- Red lens



Rated voltage  
Switching current

250 V~  
10 AX

Housing screws made of stainless steel.

- to combine with housing bottom parts
- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	681
Surface-mounted lower casing with cable entries	6118 91 05	674
Lower casing with entry M20 x 1.5	6119 60 05	674
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	674
<b>optional</b>		
Incandescent lamp unit with N terminal		page 687
Neon lamp unit with N terminal		page 688
LED unit 230 V, for switches/push-buttons		page 688

IP44



DESIGN  
light grey/grey, glossy/matt

ORDER NO. PU  
**6131 76 15** 10



**Push-button, change-over contact surface-mounted**

- Labelling field - illuminable



Rated voltage  
Momentary-contact current

250 V~  
10 A

For labelling with name, information notice, etc.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
LED unit for labelling field - illuminable	1619 01	689

**i 981**

IP44



DESIGN  
light grey/grey, glossy/matt

ORDER NO. PU  
**5076 55** 10



**Push-button**

- Red lens



Rated voltage  
Momentary-contact current

250 V~  
10 A

Housing screws made of stainless steel.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with cable entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	681
<b>optional</b>		
Incandescent lamp unit with N terminal		page 687
Neon lamp unit with N terminal		page 688
LED unit 230 V, for switches/push-buttons		page 688

**i 981**

IP44



DESIGN  
Push-button, change-over contact, surface-mounted, polar white  
Push-button, change-over contact surface-mounted, light grey/grey, glossy/matt

ORDER NO. PU  
**5076 09** 10  
**5076 05** 10



**Push-button, change-over contact with upper casing, surface-mounted**

**- Lens**



Rated voltage 250 V~  
Momentary-contact current 10 A

Housing screws made of stainless steel.  
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- to combine with housing bottom parts
- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	681
Surface-mounted lower casing with cable entries	6118 91 05	674
Lower casing with entry M20 x 1.5	6119 60 05	674
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	674
<b>optional</b>		
Incandescent lamp unit with N terminal		page 687
Neon lamp unit with N terminal		page 688
LED unit 230 V, for switches/push-buttons		page 688

**IP44**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>6150 76 15</b>	10



**Push-button, NO contact with 2 separate signal contacts surface-mounted**

**- Red lens**



Rated voltage 250 V~  
Momentary-contact current 10 A

Housing screws made of stainless steel.

- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	681
<b>optional</b>		
Incandescent lamp unit with N terminal		page 687
Neon lamp unit with N terminal		page 688
LED unit 230 V, for switches/push-buttons		page 688

**IP44**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>5071 05</b>	10

**i 981**

**Multi-pole rocker switches**



**On/off switch 2pole with imprint "0" and "I" surface-mounted**

Rated voltage 250 V~  
Switching current 10 AX

Housing screws made of stainless steel.

- with cable entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	681

**i 981**

**IP44**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>3072 05</b>	10



**On/off switch 2pole with upper casing and imprint "0 - 1" surface-mounted**

Rated voltage 250 V~  
Switching current 10 AX

- to combine with housing bottom parts
- with plug-in terminals

Housing screws made of stainless steel.

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	681
Lower casing with entry M20 x 1.5	6119 60 05	674
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	674
Surface-mounted lower casing with cable entries	6118 91 05	674

IP44



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>6130 72 15</b>	10



**Control on/off switch 2pole with imprint "0" surface-mounted**

- Red lens



Rated voltage 250 V~  
Switching current 10 AX  
Neon lamp current 1 mA

- can be illuminated using neon and glow lamp unit with N-terminal
- for monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- knock out opening for entry at top and bottom
- with cable and duct entry
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Housing screws made of stainless steel.

SUITABLE FOR optional	ORDER NO.	PAGE
Incandescent lamp unit with N terminal	1676 ..	73

IP44



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>3172 05</b>	10

**i 981**

**Combination rocker switches/rocker push-buttons**



**Series switch surface-mounted**

Rated voltage 250 V~  
Switching current 10 AX

- with cable entry at top and bottom
- with plug-in terminals

Housing screws made of stainless steel.

IP44



DESIGN	ORDER NO.	PU
polar white	<b>3075 09</b>	10
light grey/grey, glossy/matt	<b>3075 05</b>	10



**Series switch with upper casing surface-mounted**

Rated voltage 250 V~  
Switching current 10 AX

- to combine with housing bottom parts
- with plug-in terminals

Housing screws made of stainless steel.

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted lower casing with cable entries	6118 91 05	674
Lower casing with entry M20 x 1.5	6119 60 05	674
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	674

IP44



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>6130 75 15</b>	10



**Surface-mounted double change-over switch, isolated input terminals**

Rated voltage 250 V~  
 Switching current 10 AX  
 Housing screws made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

**IP44**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>3078 05</b>	10



**Series push-button, 2 NO contacts surface-mounted, common input terminal**

Rated voltage 250 V~  
 Momentary-contact current 10 A  
 Housing screws made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

**IP44**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>5075 15</b>	10

**Heating emergency switches/push-buttons**



**Control change-over switch with imprint "Heizung Notschalter" surface-mounted**

- Red lens



Rated voltage 250 V~  
 Switching current 10 A  
 Neon lamp current 1 mA

- with neon lamp unit with N terminal order no. 1675
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

**IP44**

Or use glass pane-protected heating emergency switch.

Housing screws made of stainless steel.

Not suitable for heating systems > 50 kW.

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Incandescent lamp unit with N terminal		page 687
Neon lamp unit with N terminal		page 688
LED unit 230 V, for switches/push-buttons		page 688

**i 981**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>3566 05</b>	10





**Control on/off switch 2pole with imprint "Heizung Notschalter" and "0" surface-mounted**

- Red lens



Rated voltage	250 V~
Switching current	10 A
Neon lamp current	1 mA

- with neon lamp unit with N terminal order no. 1675
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Incandescent lamp unit with N terminal		page 687
Neon lamp unit with N terminal		page 688
LED unit 230 V, for switches/push-buttons		page 688

IP44

Or use glass pane-protected heating emergency switch.

Housing screws made of stainless steel.

Not suitable for heating systems > 50 kW.

**i 981**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>3562 05</b>	10

**Pullcord switches**



**Pullcord switch off/change-over surface-mounted**

Rated voltage	250 V~
Switching current	10 AX
Long pullcord	12 cm

- for wall and ceiling mounting
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Housing screws made of stainless steel.

IP44



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>3976 15</b>	10

**Supplementary products**



**Centre plate with glass plate**

- Rocker



The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Housing screws made of stainless steel.

SUITABLE FOR	ORDER NO.	PAGE
On/off switch 2pole with imprint "0" and "I" surface-mounted	3072 05	678
Change-over switch surface-mounted	3076 05	675
Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted	4780 05	682
Push-button, change-over contact surface-mounted	5076 05	677
Change-over switch surface-mounted	3076 09	675
Intermediate switch surface-mounted	3077 05	675
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	678
Push-button, change-over contact, surface-mounted	5076 09	677
On/off switch 2pole with upper casing and imprint "0 - 1" surface-mounted	6130 72 15	679
Change-over switch with upper casing surface-mounted	6130 76 15	675
Intermediate switch with upper casing surface-mounted	6130 77 15	675
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 72 15	676
Control change-over switch with upper casing surface-mounted	6131 76 15	677
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	678

IP44

Adhesive label sheets, text white: "Notschalter", "Rauchabzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen".

Not suitable for heating systems > 50 kW.

In case of danger break glass and press rocker!

DESIGN	ORDER NO.	PU
red	<b>1290 99 05</b>	10

**COMBINATIONS**

**Combinations switch/socket outlet**

■ Connection terminals according to IEC 60884-1



**Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted**

**- Clamp-type terminals**



Rated voltage 250 V~  
Rated current 16 A  
Switching current 10 AX

- for vertical mounting
- change-over switch and socket outlet connectable separately
- with hollow base
- with cable entry at top and bottom
- with plug-in terminals

**i 981**

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover spring and axle made of stainless steel.



DESIGN	ORDER NO.	PU
polar white	<b>4780 09</b>	5
light grey/grey, glossy/matt	<b>4780 05</b>	5



**Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted**

**- Red lens**



Rated voltage 250 V~  
Rated current 16 A  
Switching current 10 AX

- for illumination and monitoring circuit
- for vertical mounting
- change-over switch and socket outlet connectable separately
- with hollow base
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

**IP44**

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Incandescent lamp unit with N terminal		page 687
Neon lamp unit with N terminal		page 688
LED unit 230 V, for switches/push-buttons		page 688

**i 981**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>4781 05</b>	5



**Combination series switch/SCHUKO socket outlet with hinged cover surface-mounted**

Rated voltage 250 V~  
Rated current 16 A  
Switching current 10 AX

- for vertical mounting
- series switch and socket outlet connectable separately
- with hollow base
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover spring and axle made of stainless steel.

**IP44**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>4790 05</b>	5

**TIME SWITCHES**



**Mechanical timer surface-mounted**

**- Setting knob**



Rated voltage  
Switching current

250 V~  
16 AX

- with time scale symbol imprint
- 2pole on/off
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

Housing screws made of stainless steel.  
Not suitable for 2- or 3gang combinations!

**i 913**

IP44



DESIGN	ORDER NO.	PU
<b>Running time 15 min</b> light grey/grey, glossy/matt	<b>4227 05</b>	1
<b>Running time 120 min</b> light grey/grey, glossy/matt	<b>4228 05</b>	1

**ROTARY DIMMER**

**Rotary dimmers**



**Surface-mounted rotary dimmer**

**- Setting knob**  
**- Soft locking**



Operating voltage  
Frequency  
230 V incandescent lamps and halogen lamps

230 V~  
50 Hz  
60 ... 450 W

- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- phase cut-on
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Number of built-in power boosters (R, L) max. 10  
Axis dimension Ø 4 mm

**i 914**

Housing screws made of stainless steel.  
Not suitable for 2- or 3gang combinations!

IP44



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>2895 05</b>	1

**BLIND SWITCHES/PUSH-BUTTONS**

**Rocker switches/rocker push-buttons for blinds**



**Blind series switch 1pole with imprinted symbol arrow surface mounted**

Rated voltage  
Switching current

250 V~  
10 A

Housing screws made of stainless steel.  
Follow the motor manufacturers' instructions.

- with mechanical and electrical interlocking to prevent mutual switch on
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>3075 25</b>	10



**Push-button for blinds with imprinted symbol arrow surface-mounted**

Rated voltage 250 V~  
Momentary-contact current 10 A  
Housing screws made of stainless steel.  
Follow the motor manufacturers' instructions.

- with mechanical and electrical interlocking to prevent mutual activation
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

**IP44**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>5075 05</b>	10

**Rotary switch for blinds**



**Rotary switch for blinds 2pole with imprint surface-mounted**

**- Rotary knobs**



Rated voltage 250 V~  
Switching current 10 A  
Housing screws made of stainless steel.

- with neutral-position
- with push lock function
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Interlock disk for rotary switch for blinds		page 684

**IP44**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>3242 25</b>	1



**Interlock disk for rotary switch for blinds**

- for conversion to rotary push-button for roller shutter

SUITABLE FOR	ORDER NO.	PAGE
Rotary switch for blinds 2pole with centre plate	3812 ..	529
Centre plate with rotary knob for rotary switch for blinds	1529 ..	657
Rotary switch for blinds 1pole with centre plate	3811 ..	529

DESIGN	ORDER NO.	PU
Interlock disk for rotary switch for blinds	<b>1861</b>	10

**Key switches/key push-buttons for blinds**



**Push-button for blinds with imprint surface-mounted**

**- Lock**  
**- Key can be removed in 0 position**



Rated voltage 250 V~  
Momentary-contact current 10 A  
Housing screws made of stainless steel.

- with 2 keys
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

**IP44**

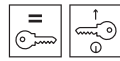


DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>3271 05</b>	1



**Switch for blinds 2pole with imprint surface-mounted**

- Lock
- Key can be removed in 0 position



Rated voltage 250 V~  
Switching current 10 A

- with 2 keys
- with push lock function
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

Housing screws made of stainless steel.

IP44



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>3272 05</b>	1



**Switch for blinds 2pole with imprint surface-mounted**

- Lock
- Key can be removed in 3 positions



Rated voltage 250 V~  
Switching current 10 A

- with neutral-position
- with 2 keys
- with push lock function
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

Housing screws made of stainless steel.

IP44



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>3272 15</b>	1

**SPEED CONTROLLERS**



**Surface-mounted speed controller**

- Setting knob



Operating voltage 230 V~  
Frequency 50 Hz  
Motor nominal and slat current max. 0.1 ... 2.3 A

- for devices with motory drive
- with imprinted symbol curve
- with rotary on/off switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- basic speed adjustable
- additional switching contact for blade control
- phase cut-on
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Housing screws made of stainless steel.

Not suitable for 2- or 3gang combinations!



ε IP44

**i 913**



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>2970 10</b>	1

**PILOT LAMPS**



**Surface-mounted push-button/pilot lamp E10, NO contact**

Rated voltage  
Momentary-contact current  
Incandescent lamp power  
Housing screws made of stainless steel.

250 V~  
2 A  
max. 2 W

- for illumination and monitoring circuit
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Cover for push-button/pilot lamp E10		page 689
Knob for push-button/pilot lamp E10		page 689
Neon lamp E10	1601	75
LED lamp E10	1678 ..	74

**IP44**



DESIGN  
light grey/grey, glossy/matt

ORDER NO. **5112 15** PU 10



**Pilot lamp E14 surface-mounted**

Rated voltage  
Incandescent lamp power  
Long lamp base  
Housing screws made of stainless steel.

250 V~  
max. 3 W  
max. 23.5 mm

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Cover for pilot lamp E14		page 690
Incandescent lamp E14		page 75
LED lamp E14		page 75

**IP44**



DESIGN  
light grey/grey, glossy/matt

ORDER NO. **5172 15** PU 10

**SUPPLEMENTARY PRODUCTS**

**Glow and neon lamp units**



**Incandescent lamp unit with N terminal**

Operating voltage 6 V  
Rated current 0.035 A

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- also for waterproof installation of switches and push-buttons
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 7 ..	676
Push-button, change-over contact with upper casing, surface-mounted	6150 ..	678
Illuminated change-over switch surface-mounted	3076 25	676
Control on/off switch 2pole with imprint "0" surface-mounted	3172 05	679
Control change-over switch surface-mounted	3176 05	676
Control on/off switch 2pole with imprint "Heizung Notschalter" and "0" surface-mounted	3562 05	681
Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted	4781 05	682
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	678
Push-button, change-over contact surface-mounted	5076 05	677
Control change-over switch with imprint "Heizung Notschalter" surface-mounted	3566 05	680
Push-button, change-over contact, surface-mounted	5076 09	677

**i 908**

DESIGN	ORDER NO.	PU
brown, 6V, 35 mA	<b>1676</b>	10
yellow, 12 V, 65 mA	<b>1676 02</b>	10
green, 24 V, 35 mA	<b>1676 01</b>	10
red, 48 V, 25 mA	<b>1676 03</b>	10



**Neon lamp unit with N terminal**

Operating voltage 230 V~  
Rated current 0.001 A

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted	4781 05	682
Push-button, change-over contact, surface-mounted	5076 0 ..	677
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 72 15	676
Control change-over switch with upper casing surface-mounted	6131 76 15	677
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	678
Illuminated change-over switch surface-mounted	3076 25	676
Control on/off switch 2pole with imprint "0" surface-mounted	3172 05	679
Control change-over switch surface-mounted	3176 05	676
Control on/off switch 2pole with imprint "Heizung Notschalter" and "0" surface-mounted	3562 05	681
Control change-over switch with imprint "Heizung Notschalter" surface-mounted	3566 05	680
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	678

**i 908**

DESIGN	ORDER NO.	PU
grey, 230 V~, 1 mA	<b>1675</b>	10
orange, 230 V~, 0.4 mA	<b>1675 04</b>	10



**LED unit 230 V, for switches/push-buttons**

Operating voltage 230 V~  
Rated current 1 mA  
Service life of the LED ≈ 100000 h

When several LED units are used, the LED current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA LED current) in parallel with the coil.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- also for waterproof installation of switches and push-buttons
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Illuminated change-over switch surface-mounted	3076 25	676
Control on/off switch 2pole with imprint "0" surface-mounted	3172 05	679
Control change-over switch surface-mounted	3176 05	676
Control on/off switch 2pole with imprint "Heizung Notschalter" and "0" surface-mounted	3562 05	681
Control change-over switch with imprint "Heizung Notschalter" surface-mounted	3566 05	680
Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted	4781 05	682
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	678
Push-button, change-over contact surface-mounted	5076 05	677
Push-button, change-over contact, surface-mounted	5076 09	677
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 7 ..	676
Push-button, change-over contact with upper casing, surface-mounted	6150 ..	678

DESIGN	ORDER NO.	PU
white, 230 V~, 1 mA	<b>* 1686</b>	10
black, 230 V~, 0.4 mA	<b>* 1686 01</b>	10





**LED unit for switches/push-buttons**

Rated voltage 12 ... 48 V~  
Rated current 0.2 ... 0.9 mA  
Service life of the LED ≈ 100000 h

Connection to direct voltage within the specified voltage range, ensuring the correct polarity.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- also for waterproof installation of switches and push-buttons
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Illuminated change-over switch surface-mounted	3076 25	676
Control on/off switch 2pole with imprint "0" surface-mounted	3172 05	679
Control change-over switch surface-mounted	3176 05	676
Control on/off switch 2pole with imprint "Heizung Notschalter" and "0" surface-mounted	3562 05	681
Control change-over switch with imprint "Heizung Notschalter" surface-mounted	3566 05	680
Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted	4781 05	682
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	678
Push-button, change-over contact surface-mounted	5076 05	677
Push-button, change-over contact, surface-mounted	5076 09	677
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 7 ..	676
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15 ..	678

DESIGN	ORDER NO.	PU
blue, 12 ... 48 V~, 0.2 ... 0.9 mA	★ 1687	10



**LED unit for labelling field - illuminable**

Operating voltage 230 V~  
Rated current 0.003 A

When several surface LED units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Connect a capacitor 230 V, (1 µF per 10 mA LED current) in parallel with the coil.

SUITABLE FOR	ORDER NO.	PAGE
Change-over switch surface-mounted	3076 55	675
Push-button, change-over contact surface-mounted	5076 55	677

DESIGN	ORDER NO.	PU
polar white	1619 01	10

**Covers and push-buttons**



**Cover for push-button/pilot lamp E10**

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	686

DESIGN	ORDER NO.	PU
clear, transparent	1280	10
red, transparent	1281	10
yellow, transparent	1282	10
green, transparent	1283	10



**Knob for push-button/pilot lamp E10**

Push-button head Ø 26.5 mm

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	686

DESIGN	ORDER NO.	PU
clear, transparent	1279 02	10
red, transparent	1279	10
green, transparent	1279 03	10



**Cover for pilot lamp E14**

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14 surface-mounted	5172 15	686
DESIGN	ORDER NO.	PU
clear, transparent, flat	<b>1220</b>	10
clear, transparent, high	<b>1230</b>	10
red, transparent, high	<b>1231</b>	10
green, transparent, high	<b>1232</b>	10

**Entries/connectors**



**Connector for multiple combinations**

■ to combine devices

IP44	DESIGN	ORDER NO.	PU
	light grey	<b>1880</b>	10



**Cable entry**

IP44	DESIGN	ORDER NO.	PU
	light grey, for 1 cable	<b>1881</b>	10
	light grey, for 2 cables	<b>1882</b>	10



**Cable entry, extended**

IP44	DESIGN	ORDER NO.	PU
	light grey, for 1 cable	<b>1889 05</b>	10



**Entry M20 x 1.5 mm, can be screwed**

IP44	DESIGN	ORDER NO.	PU
	light grey, for 1 cable	<b>1962 05</b>	10
	light grey, for 2 cables	<b>6119 63 05</b>	10



**Tube entry**

Thread (M x L)                                          M20 x 1.5 mm  
Distance from wall to centre of pipe                                          21 mm

IP44	DESIGN	ORDER NO.	PU
	light grey	<b>1886</b>	10



**Entry cable duct**

IP44

DESIGN	ORDER NO.	PU
<b>for cable duct 15 x 15 mm</b>		
Entry cable duct 15 x 15 mm, light grey, for 1 cable	<b>1804 05</b>	1
<b>for cable duct 15 x 25 mm</b>		
Entry cable duct 15 x 25 mm, light grey, for 1 cable	<b>1804 15</b>	1
<b>for cable duct 15 x 30 mm</b>		
Entry cable duct 15 x 30 mm, light grey, for 1 cable	<b>1804 25</b>	1



**Entry for 2gang cable duct 15 x 15/25/30 mm**

IP44

DESIGN	ORDER NO.	PU
light grey, for 2 cables	<b>1805 05</b>	1

**COMMUNICATION/MULTIMEDIA TECHNOLOGY**

**Data connector housings**



**Data connector housing surface-mounted**

**- Labelling field**



Housing screws made of stainless steel.

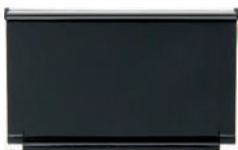
Labelling field height designed for 9 mm P-touch strip.  
Attention, a different degree of protection!

- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring

SUITABLE FOR	ORDER NO.	PAGE
Mounting plates		page 691

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	<b>4256 15</b>	1

**Mounting plates**



**Mounting plate unperforated**

- for customised cut-outs or holes when installing special solutions

SUITABLE FOR	ORDER NO.	PAGE
Data connector housing surface-mounted	4256 15	691

DESIGN	ORDER NO.	PU
black	<b>1111 00</b>	10



**Mounting plate for XLR built-in jack P-series**

■ with cut-out dia. 24.5 mm

SUITABLE FOR	ORDER NO.	PAGE
Data connector housing surface-mounted	4256 15	691

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>XLR-circular plug-in connector</b>	
Binder	
Cannon	
Conrad Electronic	
Farnell	
Hirose	
Lumberg	
Monacor	
Neutrik	
RS Components	

**i 982**

DESIGN	ORDER NO.	PU
black	<b>1111 05</b>	10



**Mounting plate for D-Subminiature connector**

■ for socket or plug connector

SUITABLE FOR	ORDER NO.	PAGE
Data connector housing surface-mounted	4256 15	691

**i 982**

DESIGN	ORDER NO.	PU
<b>for connectors 9-pole</b>		
black	<b>1111 03</b>	10
<b>for connectors 15-pole</b>		
black	<b>1111 02</b>	10
<b>for connectors 25-pole</b>		
black	<b>1111 01</b>	10



**Mounting plate 1gang for modular jack**

Indexing dimension (W x H)                      ≈ 15 x 19.3 mm

SUITABLE FOR	ORDER NO.	PAGE
Data connector housing surface-mounted	4256 15	691

MANUFACTURER: PRODUCT LINE	ART. NO.
<b>LANmark 5, 6 and 7 (only with with Keystone-Clip)</b>	
Nexans	
<b>ELine 600 GG45 jacks</b>	
Leoni Kerpen	
<b>Keystone Jack</b>	
Leoni Kerpen	
<b>Modular jacks</b>	
Asyco	
Dätwyler	
Dr. Ing. Sieger	
Drivex	
EFB Electronic	
Erni	
Hubbell	
Intracom	
Radiall	
Setec	

**i 982**

DESIGN	ORDER NO.	PU
black	<b>1111 16</b>	10



**Mounting plate 2gang for modular jacks**

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

<b>SUITABLE FOR</b> Data connector housing surface-mounted	<b>ORDER NO.</b> 4256 15	<b>PAGE</b> 691
---------------------------------------------------------------	-----------------------------	--------------------

<b>MANUFACTURER: PRODUCT LINE</b> Modular jacks AMP	<b>ART. NO.</b>
-----------------------------------------------------------	-----------------

**i 982**

DESIGN black	ORDER NO. <b>1112 18</b>	PU 10
-----------------	-----------------------------	----------



**Mounting plate 2gang for fibre-optic couplings Duplex SC**

<b>SUITABLE FOR</b> Data connector housing surface-mounted	<b>ORDER NO.</b> 4256 15	<b>PAGE</b> 691
---------------------------------------------------------------	-----------------------------	--------------------

<b>MANUFACTURER: PRODUCT LINE</b> <b>Fibre-optic couplings</b> Ackermann AMP Brand-Rex BTR CobiNet Diamond Drahtex FiberCraft Huber+Suhner Krone Quante Telegärtner	<b>ART. NO.</b>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------

**i 982**

DESIGN black	ORDER NO. <b>1112 21</b>	PU 10
-----------------	-----------------------------	----------

**SWITCHES/PUSH-BUTTONS**

**Key switches/key push-buttons**



**Change-over switch 2pole with imprint surface-mounted for lock cylinders**

- Screw terminals



Rated voltage	250 V~
Switching current	16 A
Dimensions (W x H x D)	75 x 75 x 68 mm

- 2pole change-over
- with cover lock
- with push lock function
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

<b>SUITABLE FOR</b> Lock cylinder	<b>ORDER NO.</b>	<b>PAGE</b> page 696
--------------------------------------	------------------	-------------------------

**i 910**

**IP44**



DESIGN Change-over switch 2pole with imprint surface-mounted for lock cylinders	ORDER NO. <b>4466</b>	PU 1
------------------------------------------------------------------------------------	--------------------------	---------



**Change-over switch 2pole with imprint flush-mounted for lock cylinders**

- Screw terminals



Rated voltage 250 V~  
Switching current 16 A  
Installation depth x Ø 73 x 65 mm  
Dimensions aluminium cover plate (W x H) 100 x 125 mm

- 2pole change-over
- with cover lock
- with flush-mounted box
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 696
<b>replacement</b>		
Metal cover	1904	694

**i 910**

**IP44**



DESIGN	ORDER NO.	PU
Change-over switch 2pole with imprint flush-mounted for lock cylinders	<b>4416</b>	1



**Metal cover**

- without imprint
- aluminium

SUITABLE FOR	ORDER NO.	PAGE
Change-over switch 2pole with imprint flush-mounted for lock cylinders	4416	694

DESIGN	ORDER NO.	PU
Metal cover	<b>1904</b>	1



**Push-button with imprint surface-mounted for lock cylinder**

- Screw terminals



Rated voltage 250 V~  
Momentary-contact current 16 A  
Dimensions (W x H x D) 74 x 74 x 45 mm

- with imprint
- NO contact
- with cover lock
- with cable entry diameter 11 mm at backside
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 696

**IP44**



DESIGN	ORDER NO.	PU
Push-button with imprint surface-mounted for lock cylinder	<b>4448</b>	1



**Push-button with imprint flush-mounted for lock cylinder**

- Screw terminals



Rated voltage 250 V~  
Momentary-contact current 16 A  
Installation depth x Ø 59 x 61 mm  
Dimensions (L x W) 75 x 75 mm

- with imprint
- NO contact
- with cover lock
- with flush-mounted box
- with cable entry diameter 11 mm at top and backside
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 696

**IP44**



DESIGN	ORDER NO.	PU
Push-button with imprint flush-mounted for lock cylinder	<b>4450</b>	1

Key switches/key push-buttons for blinds



**Switch for blinds 2pole with imprint surface-mounted for lock cylinder**

- Screw terminals



Rated voltage 250 V~  
Switching current 16 A  
Dimensions (W x H x D) 75 x 75 x 68 mm

- with imprint
- with neutral-position
- with cover lock
- with push lock function
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

**SUITABLE FOR**  
Lock cylinder

**ORDER NO.** **PAGE**  
page 696

**i 910**

IP44



DESIGN  
Switch for blinds 2pole with imprint surface-mounted for lock cylinder

ORDER NO. PU  
**4462** 1



**Switch for blinds 2pole with imprint flush-mounted for lock cylinder**

- Screw terminals



Rated voltage 250 V~  
Switching current 16 A  
Installation depth x Ø 73 x 65 mm  
Dimensions aluminium cover plate (W x H) 100 x 125 mm

- with imprint
- with neutral-position
- with cover lock
- with push lock function
- with flush-mounted box
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

**SUITABLE FOR**  
Lock cylinder  
**replacement**  
Metal cover with imprint

**ORDER NO.** **PAGE**  
page 696  
1903 695

**i 910**

IP44



DESIGN  
Switch for blinds 2pole with imprint flush-mounted for lock cylinder

ORDER NO. PU  
**4412** 1



**Metal cover with imprint**

- aluminium

**SUITABLE FOR** **ORDER NO.** **PAGE**  
Switch for blinds 2pole with imprint flush-mounted for lock cylinder 4412 695

DESIGN  
Metal cover with imprint

ORDER NO. PU  
**1903** 1



**Push-button for blinds 1pole surface-mounted for lock cylinder**

- 0 position



Rated voltage 250 V~  
Momentary-contact current 16 A  
Dimensions (W x H x D) 74 x 74 x 45 mm

- with imprint
- 1pole
- with neutral-position
- with cover lock
- with cable entry diameter 11 mm at backside
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

**SUITABLE FOR**  
Lock cylinder

**ORDER NO.** **PAGE**  
page 696

IP44



DESIGN  
Push-button for blinds 1pole surface-mounted for lock cylinder

ORDER NO. PU  
**4447** 1



**Push-button for blinds 1pole flush-mounted for lock cylinder**

- 0 position



Rated voltage 250 V~  
Momentary-contact current 16 A  
Installation depth x Ø 59 x 61 mm  
Dimensions (L x W) 75 x 75 mm

- with imprint
- 1 pole
- with neutral-position
- with cover lock
- with flush-mounted box
- with cable entry diameter 11 mm at top and backside
- with screw terminals

IP44

**SUITABLE FOR** Lock cylinder **ORDER NO.** **PAGE** page 696



DESIGN Push-button for blinds 1pole flush-mounted for lock cylinder

ORDER NO. **4449** **PAGE** 1

**Supplementary products**



**Lock cylinder**

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.  
With 5 tumblers to according to DIN 18252

- for switches/push-buttons for lock cylinders
- for change-over switches/push-buttons for lock cylinders

**SUITABLE FOR** Key switches/key push-buttons  
Key switches/key push-buttons for blinds

**ORDER NO.** **PAGE** page 693  
page 695

**i** 910

DESIGN **with differing closures**

ORDER NO. **PAGE**

Lock cylinder

**1818** 1

**with same closures**

Lock cylinder

**1818 01** 1

**SCHUKO SOCKET OUTLETS WITH HINGED COVER**

- Connection terminals according to IEC 60884-1

**Combination SCHUKO socket outlets with hinged cover**



**2gang SCHUKO socket outlet horizontal with hinged cover surface-mounted**

- Screw terminals



Rated voltage 250 V~  
Rated current 16 A

- inserts wired-through
- with hollow base
- with cable entry at top and bottom
- with screw terminals

**i** 981

IP44

Instead of socket outlets, any other devices from the ISO-reinforced IP44 and IP66 ranges with degree of protection IP44 can be used.

Housing screws, hinged cover springs and axles made of stainless steel.



DESIGN dark grey/yellow

ORDER NO. **4370** **PAGE** 1





**Surface-mounted double SCHUKO socket outlet with hinged cover**

- Screw terminals



- for horizontal mounting
- inserts wired-through
- with hollow base
- side knock out openings for entries
- with cable entry at top
- with screw terminals

 IP44

Rated voltage 250 V~  
Rated current 16 A

As a result of the side cable entries specially suited for installation over workbenches.

**i 981**

Housing screws, hinged cover springs and axles made of stainless steel.



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>4322</b>	1



**3gang SCHUKO socket outlet surface-mounted with hinged cover**

- Screw terminals



- for horizontal mounting
- inserts wired-through
- with hollow base
- side knock out openings for entries
- with cable entry at top
- with screw terminals

 IP44

Rated voltage 250 V~  
Rated current 16 A

As a result of the side cable entries specially suited for installation over workbenches.

**i 981**

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>4323</b>	1



**SCHUKO socket outlet with hinged cover surface-mounted**

- Screw terminals



- with hollow base
- with cable entry at top and bottom
- with screw terminals

IP44

Rated voltage 250 V~  
Rated current 16 A

Housing screws, hinged cover spring and axle made of stainless steel.

**i 981**



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>4280</b>	1

INTERNATIONAL SOCKET OUTLET SYSTEMS

NEMA-socket outlets



**Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-15 R surface-mounted**

- Screw terminals



- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage 125 V~  
Rated current 15 A

**i 981**

IP44

Housing screws, hinged cover springs and axles made of stainless steel.

Not UL-certified.

Standard NEMA 5-15 R



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>4286</b>	1



**Socket outlet with earthing contact and hinged cover 2gang vertical USA/CANADA NEMA 5-15 R surface-mounted**

- Screw terminals



- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage 125 V~  
Rated current 15 A

**i 981**

IP44

Housing screws, hinged cover springs and axles made of stainless steel.

Not UL-certified.

Standard NEMA 5-15 R



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>4293</b>	1



**Socket outlet with earthing contact and hinged cover 3gang horizontal USA/CANADA NEMA 5-15 R surface-mounted**

- Screw terminals



- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage 125 V~  
Rated current 15 A

**i 981**

IP44

Housing screws, hinged cover springs and axles made of stainless steel.

Not UL-certified.

Standard NEMA 5-15 R



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>4324</b>	1



**Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-20 R surface-mounted**

- Screw terminals



- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage 125 V~  
Rated current 20 A

**i 981**

**IP44**

Housing screws, hinged cover springs and axles made of stainless steel.  
Not UL-certified.  
Standard NEMA 5-20 R



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>4288</b>	1



**Socket outlet with earthing contact and hinged cover 2gang vertical USA/CANADA NEMA 5-20 R surface-mounted**

- Screw terminals



- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage 125 V~  
Rated current 20 A

**i 981**

**IP44**

Housing screws, hinged cover springs and axles made of stainless steel.  
Not UL-certified.  
Standard NEMA 5-20 R



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>4294</b>	1



**Socket outlet with earthing contact and hinged cover 3gang horizontal USA/CANADA NEMA 5-20 R surface-mounted**

- Screw terminals



- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage 125 V~  
Rated current 20 A

**i 981**

**IP44**

Housing screws, hinged cover springs and axles made of stainless steel.  
Not UL-certified.  
Standard NEMA 5-20 R



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>4325</b>	1

**SWITCHES/PUSH-BUTTONS**

**Rocker switch**



**Change-over switch surface-mounted**

- Clear lens



Rated voltage  
Switching current

250 V~  
10 AX

Housing screws made of stainless steel.

- for illumination and monitoring circuit
- with cable entry at top and bottom
- with additional terminal, e.g. for control switch function
- with plug-in terminals

**SUITABLE FOR**  
Glow and neon lamp units

**ORDER NO.**      **PAGE**  
page 702

**i 981**

IP44



DESIGN  
dark grey/yellow

ORDER NO.      PU  
**3446**      1

**Rocker push-button**



**Push-button, NO contact with 2 separate signal contacts surface-mounted**

- Red lens



Rated voltage  
Momentary-contact current  
Neon lamp current

250 V~  
10 A  
2.7 mA

Housing screws made of stainless steel.  
With light, bell, door and neutral symbols.

- for illumination and monitoring circuit
- can be illuminated with neon and glow lamp unit
- with neon lamp unit for rocker switch and rocker push-button order no. 1615
- with cable entry at top and bottom
- with plug-in terminals

**SUITABLE FOR**  
Glow and neon lamp units

**ORDER NO.**      **PAGE**  
page 702

**i 981**

IP44



DESIGN  
dark grey/yellow

ORDER NO.      PU  
**5041 01**      1

**Multi-pole rocker switches**



**Change-over switch 2pole surface-mounted for lock cylinders**

Rated voltage  
Switching current

250 V~  
10 A

Housing screws made of stainless steel.

- for master-key systems
- with cable entry at top and bottom
- with screw terminals

**SUITABLE FOR**  
Lock cylinder

**ORDER NO.**      **PAGE**  
1818 ..      79

IP44



DESIGN  
dark grey/yellow

ORDER NO.      PU  
**4386**      1

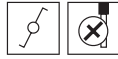
COMBINATIONS

- Connection terminals according to IEC 60884-1



**Combination rotary switch/SCHUKO socket outlet with hinged cover surface-mounted**

- Change-over switch
- Screw terminals



Rated voltage 250 V~  
Rated current 16 A  
Switching current 16 AX

- for vertical mounting
- phase wired-through
- with hollow base
- with cable entry at top and bottom
- with screw terminals

IP44

Instead of socket outlets, any other devices from the ISO-reinforced IP44 and IP66 ranges with degree of protection IP44 can be used.

Housing screws, hinged cover spring and axle made of stainless steel.



DESIGN	ORDER NO.	PU
dark grey/yellow	4246	1



**Combination key switch/SCHUKO socket outlet with hinged cover and imprint surface-mounted**

- Screw terminals



Rated voltage 250 V~  
Rated current 16 A  
Switching current 10 A

- with imprint "0 - 1"
- for vertical mounting
- for master-key systems
- phase and neutral conductor wired-through
- with hollow base
- with cable entry at top and bottom
- with screw terminals

IP44

Instead of SCHUKO socket outlets, any other devices from the ISO-reinforced IP44 and IP66 ranges with degree of protection IP44 can be used.

Housing screws, hinged cover spring and axle made of stainless steel.



DESIGN	ORDER NO.	PU
dark grey/yellow, 2-pole can be switched on/off	4432	1

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 696
<b>optional</b>		
Labelling field for terminal attachment		page 703

BLIND SWITCHES/PUSH-BUTTONS

Key switches/key push-buttons for blinds



**Push-button for blinds 1pole with imprint surface-mounted for lock cylinder**

- 0 position



Rated voltage 250 V~  
Momentary-contact current 10 A

- for master-key systems
- with cable entry at top and bottom
- with screw terminals

IP44

Housing screws made of stainless steel.



DESIGN	ORDER NO.	PU
dark grey/yellow	4391	1

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 696
<b>optional</b>		
Labelling field for terminal attachment		page 703

**HOUSINGS**



**Empty housing**

Housing screws made of stainless steel.

- 1 knock out opening, for command unit dia. 22.5 mm
- with cable entry at top and bottom

IP44

DESIGN	ORDER NO.	PU
dark grey	<b>4290</b>	1



**Housing for signalling and command unit Ø 22.5 mm**

Housing screws made of stainless steel.

Degree of protection IP44 is only guaranteed in conjunction with a suitable command unit!

- with cut-out dia. 22.5 mm
- with cable entry at top and bottom

IP44

DESIGN	ORDER NO.	PU
dark grey/yellow	<b>4291</b>	1

**SUPPLEMENTARY PRODUCTS**

**Glow and neon lamp units**



**Incandescent lamp unit for switches/push-buttons**

DESIGN	ORDER NO.	PU
yellow, 12 V, 65 mA	<b>1617</b>	10
green, 24 V, 35 mA	<b>1618</b>	10
red, 48 V, 25 mA	<b>1637</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Change-over switch surface-mounted	3446	700
Push-button, NO contact with 2 separate 5041 01 signal contacts surface-mounted		700



**Neon lamp unit for switches/push-buttons**

Operating voltage 250 V~  
Rated current 0.003 A

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

DESIGN	ORDER NO.	PU
white	<b>1615</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Change-over switch surface-mounted	3446	700
Push-button, NO contact with 2 separate 5041 01 signal contacts surface-mounted		700

**Labelling fields**



**Labelling field for terminal attachment**

Labelling field height arranged for P-touch strips 9 mm.

- as devices cover for clamp cover

**SUITABLE FOR**

SCHUKO SOCKET OUTLETS WITH  
HINGED COVER  
INTERNATIONAL SOCKET OUTLET  
SYSTEMS  
SWITCHES/PUSH-BUTTONS  
COMBINATIONS  
BLIND SWITCHES/PUSH-BUTTONS  
HOUSINGS

**ORDER NO.**

**PAGE**

page 696  
page 698  
page 700  
page 701  
page 701  
page 702

IP44

DESIGN  
dark grey

ORDER NO.  
**1901**

PU  
10

**Entries/connectors**



**Connector for multiple combinations**

- to combine devices

IP44

DESIGN  
black

ORDER NO.  
**1880 01**

PU  
10



**Connector for multiple combinations IP44/IP66**

- to combine IP44 devices with IP66 devices

DESIGN  
black

ORDER NO.  
**1806**

PU  
10



**Cable entry**

DESIGN  
black, for 1 cable

ORDER NO.  
**1881 01**

PU  
10



**Entry M20 x 1.5, can be screwed**

IP44

DESIGN  
black, for 1 cable

ORDER NO.  
**1962 01**

PU  
10

**SCHUKO CONNECTING DEVICES**

**SCHUKO socket outlets**



**SCHUKO socket outlet surface-mounted**

- Bayonet hinged cover
- enhanced contact protection
- Screw terminals



- for SCHUKO right angle plug with bayonet lock
- with cable entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO right angle plug with bayonet lock surface-mounted	4631	704



Rated voltage 250 V~  
Rated current 16 A



Housing screws made of stainless steel.  
Connection terminals according to IEC 60884-1



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>4283</b>	1

**SCHUKO plugs**



**SCHUKO right angle plug with bayonet lock surface-mounted**

Rated voltage 250 V~  
Rated current 16 A

- for interlocked SCHUKO socket outlet
- with threaded joint dia. 15.2 mm (PG 9)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO socket outlet surface-mounted	4283	704



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>4631</b>	1

**SWITCHES/PUSH-BUTTONS**

**Rotary switch**



**Surface-mounted rotary switch change-over**

Rated voltage 250 V~  
Switching current 16 AX

- with cable entry at top and bottom
- with screw terminals

Housing screws made of stainless steel.  
Switching sequence e.g. for clockwise series switch: 0 > 1 > 1+2 > 2 > 0



IP66



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>3046</b>	1



**Surface-mounted rotary switch series**

Rated voltage 250 V~  
Switching current 16 AX

- with cable entry at top and bottom
- with screw terminals

Housing screws made of stainless steel.  
Switching sequence e.g. for clockwise series switch: 0 > 1 > 1+2 > 2 > 0



IP66



DESIGN	ORDER NO.	PU
dark grey/yellow	<b>3045</b>	1





**Control rotary switch off/change-over surface-mounted**

- Red lens



Rated voltage 250 V~  
Switching current 16 AX  
Neon lamp current 2.7 mA

Housing screws made of stainless steel.

- for illumination and monitoring circuit
- with cable entry at top and bottom
- with additional terminal, e.g. for control switch function
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Glow lamp unit for rotary control switch	1613	706
Neon lamp unit for rotary control switch	1611	706
Glow lamp unit for rotary control switch	1614	706

IP66

**i 981**



DESIGN	ORDER NO.	PU
dark grey/yellow	3146	1

**Multi-pole rotary switches**



**Control rotary switch 2pole off surface-mounted**

- Red lens



Rated voltage 250 V~  
Switching current 16 AX  
Neon lamp current 2.7 mA

Housing screws made of stainless steel.

- with imprint "0 - 1"
- for illumination and monitoring circuit
- with cable entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Neon lamp unit for rotary control switch	1611	706
Glow lamp unit for rotary control switch	1613	706
Glow lamp unit for rotary control switch	1614	706

IP66

**i 981**



DESIGN	ORDER NO.	PU
dark grey/yellow	3142	1

**BLIND SWITCHES/PUSH-BUTTONS**



**Rotary switch for blinds 2pole with imprint surface-mounted**

Rated voltage 250 V~  
Switching current 10 A

Housing screws made of stainless steel.

- with neutral-position
- with push lock function
- with cable entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Interlock disk for rotary switch for blinds surface-mounted	1906	705

IP66



DESIGN	ORDER NO.	PU
dark grey/yellow	4342	1



**Interlock disk for rotary switch for blinds surface-mounted**

- for conversion to rotary push-button for roller shutter

DESIGN	ORDER NO.	PU
yellow	1906	10

**PILOT LAMPS**



**Pilot lamp E14 surface-mounted**

Rated voltage  
Incandescent lamp power  
Long lamp base  
Housing screws made of stainless steel.

250 V~  
max. 3 W  
max. 23.5 mm

- with cable entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Cover for pilot lamp E14		page 706
Incandescent lamp E14		page 706
LED lamp E14		page 707

**IP66**



DESIGN	ORDER NO.	PU
dark grey	<b>5152</b>	1



**Cover for pilot lamp E14**

DESIGN  
clear, transparent  
red, transparent  
yellow, transparent  
green, transparent

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14 surface-mounted	5152	706

DESIGN	ORDER NO.	PU
clear, transparent	<b>1241</b>	10
red, transparent	<b>1241 01</b>	10
yellow, transparent	<b>1241 02</b>	10
green, transparent	<b>1241 03</b>	10

**IP66**

**SUPPLEMENTARY PRODUCTS**

**Glow and neon lamp units**



**Glow lamp unit for rotary control switch**

DESIGN  
yellow, 12 V, 65 mA  
green, 24 V, 35 mA

SUITABLE FOR	ORDER NO.	PAGE
Control rotary switch 2pole off surface-mounted	3142 ..	705
Control rotary switch off/change-over surface-mounted	3146 ..	705

DESIGN	ORDER NO.	PU
yellow, 12 V, 65 mA	<b>1613</b>	10
green, 24 V, 35 mA	<b>1614</b>	10



**Neon lamp unit for rotary control switch**

Operating voltage  
Rated current

250 V~  
0.003 A

DESIGN  
white

SUITABLE FOR	ORDER NO.	PAGE
Control rotary switch off/change-over surface-mounted	3146 ..	705
Control rotary switch 2pole off surface-mounted	3142 ..	705

DESIGN	ORDER NO.	PU
white	<b>1611</b>	10

**Incandescent and LED lamps**



**Incandescent lamp E14**

Operating voltage  
Power

230 V~  
3 W

DESIGN  
Incandescent lamp E14 for pilot lamp with flat cover, clear, transparent, for pilot lamp with flat cover  
Incandescent lamp E14 for pilot lamp high cover, clear, transparent, for pilot lamp with high cover

- for pilot lamp with flat cover

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14 surface-mounted	5152	706

DESIGN	ORDER NO.	PU
Incandescent lamp E14 for pilot lamp with flat cover, clear, transparent, for pilot lamp with flat cover	<b>1610 03</b>	100
Incandescent lamp E14 for pilot lamp high cover, clear, transparent, for pilot lamp with high cover	<b>1610 13</b>	100



**LED lamp E14**

Operating voltage 230 V~/=   
 Rated current 4.2 mA   
 Service life<sup>1</sup> of LED white/coloured ≈ 20000/50000 h

- for light signal with flat and high cover
- very long LED lifetime

<sup>1</sup> Typ. up to approx. 50 % of the output brightness

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14 surface-mounted	5152	706

DESIGN	ORDER NO.	PU
white	<b>1679</b>	10
red	<b>1679 01</b>	10
yellow	<b>1679 02</b>	10
green	<b>1679 03</b>	10
blue	<b>1679 04</b>	10

**Entries/connectors**



**Connector for multiple combinations**

- to combine devices

IP66

DESIGN	ORDER NO.	PU
black	<b>1808</b>	10



**Connector for multiple combinations IP44/IP66**

- to combine IP44 devices with IP66 devices

DESIGN	ORDER NO.	PU
black	<b>1806</b>	10



**Cable entry**

IP66

DESIGN	ORDER NO.	PU
black, for 1 cable	<b>1807</b>	10

DRY SURFACE-MOUNTED INSTALLATION

**B.**  
Berker



## DRY SURFACE-MOUNTED INSTALLATION

SCHUKO SOCKET OUTLETS	710-711
INTERNATIONAL SOCKET OUTLET SYSTEMS	712
SWITCHES/PUSH-BUTTONS	712-714
COMBINATIONS	714
PILOT LAMPS	714-715
SUPPLEMENTARY PRODUCTS	715-716

An optimum solution for installation in dry rooms

- Specially for mounting with surface-mounted cable trains
- Quick, easy and uncomplicated

**SCHUKO SOCKET OUTLETS**

■ Connection terminals according to IEC 60884-1



**SCHUKO socket outlet surface-mounted**

Rated voltage  
Rated current

250 V~  
16 A

- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Base plate 1gang, self-extinguishing	1052 50	715

**i 980**



DESIGN  
white glossy

ORDER NO.	PU
<b>4700 40</b>	10



**SCHUKO socket outlet surface-mounted**

**- enhanced contact protection**



Rated voltage  
Rated current

250 V~  
16 A

- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Base plate 1gang, self-extinguishing	1052 50	715

**i 980**



DESIGN  
white glossy

ORDER NO.	PU
<b>★ 4700 30</b>	10



**SCHUKO socket outlet surface-mounted**

**- Screw terminals**



Rated voltage  
Rated current

250 V~  
16 A

- with cable and duct entry
- knock out opening for entry at top and bottom
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Base plate 1gang, self-extinguishing	1052 50	715

**i 980**



DESIGN  
**with hollow base**  
white glossy  
**without hollow base**  
white glossy

ORDER NO.	PU
<b>4000 99 40</b>	10
<b>4000 99 50</b>	10



**SCHUKO socket outlet surface-mounted**

**- enhanced contact protection**  
**- Screw terminals**



Rated voltage  
Rated current

250 V~  
16 A

- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Base plate 1gang, self-extinguishing	1052 50	715

**i 980**



DESIGN  
white glossy

ORDER NO.	PU
<b>4000 99 30</b>	10

**SCHUKO socket outlets with safety device**



**SCHUKO socket outlet with overvoltage protection surface-mounted**

- Labelling field
- Screw terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Insertion depth	32 mm

Labelling field height arranged for P-touch strips 6 mm.  
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

- with imprint
- with hollow base
- knock out opening for entry at top and bottom
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate 1gang, self-extinguishing	1052 50	715

**i 940**



DESIGN	ORDER NO.	PU
white glossy	<b>4006 41</b>	1

**Multiple SCHUKO socket outlets**



**Surface-mounted double SCHUKO socket outlet**

Rated voltage	250 V~
Rated current	16 A

- for vertical and horizontal mounting
- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate self-extinguishing for double socket outlet	1053 40	715

**i 980**



DESIGN	ORDER NO.	PU
white glossy	<b>4721 40</b>	10



**Surface-mounted double SCHUKO socket outlet**

- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A

- for vertical and horizontal mounting
- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate self-extinguishing for double socket outlet	1053 40	715

**i 980**



DESIGN	ORDER NO.	PU
white glossy	<b>4721 30</b>	10



**3gang SCHUKO socket outlet, surface-mounted**

- Screw terminals



Rated voltage	250 V~
Rated current	16 A

- for vertical and horizontal mounting
- with hollow base
- knock out openings for entries at top, bottom and side
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate self-extinguishing for 3gang socket outlet	1055	716

**i 980**



DESIGN	ORDER NO.	PU
white glossy	<b>4040</b>	5

# DRY SURFACE-MOUNTED INSTALLATION

INTERNATIONAL SOCKET OUTLET SYSTEMS / SWITCHES/PUSH-BUTTONS



## INTERNATIONAL SOCKET OUTLET SYSTEMS

### Socket outlets with earthing pin



#### Socket outlet with earthing pin surface-mounted

- enhanced contact protection
- Screw terminals



Rated voltage 250 V~  
 Rated current 16 A  
 Mirror depth 14.5 mm

- 2pole + earth
- with hollow base
- with cable and duct entry
- with screw terminals

**SUITABLE FOR**  
 Base plate 1gang, self-extinguishing

**ORDER NO.** 1052 50 **PAGE** 715

**i 911**

Connection terminals according to IEC 60884-1



DESIGN white glossy **ORDER NO.** 6760 06 40 **PU** 10

## SWITCHES/PUSH-BUTTONS

### Rocker switch



#### Rocker switch surface-mounted

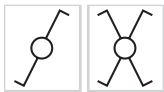
Rated voltage 250 V~  
 Switching current 10 AX

- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

**SUITABLE FOR**  
 Base plate 1gang, self-extinguishing

**ORDER NO.** 1052 50 **PAGE** 715

**i 980**



DESIGN **ORDER NO.** **PU**  
 Change-over switch surface-mounted, white glossy <sup>1)</sup> **3006 40** 10  
 Intermediate switch surface-mounted, white glossy <sup>1)</sup> **3007 40** 10

<sup>1)</sup>with cable and duct entry



#### On/off switch 2pole with imprint "0" and "I", surface-mounted

Rated voltage 250 V~  
 Switching current 10 AX

- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

**SUITABLE FOR**  
 Base plate 1gang, self-extinguishing

**ORDER NO.** 1052 50 **PAGE** 715

**i 980**



DESIGN **ORDER NO.** **PU**  
 white glossy <sup>1)</sup> **3002 40** 10

<sup>1)</sup>with cable and duct entry



#### On/off switch 3pole with imprint "0" and "I", surface-mounted

Rated voltage 400 V~  
 Switching current 16 AX

- with cable and duct entry
- knock out opening for entry at top and bottom
- with screw terminals

**SUITABLE FOR**  
 Base plate 1gang, self-extinguishing

**ORDER NO.** 1052 50 **PAGE** 715

**i 980**



DESIGN **ORDER NO.** **PU**  
 white glossy **3003 40** 10





**Control rocker switch surface-mounted**

- Red lens



Rated voltage  
Switching current  
Neon lamp current

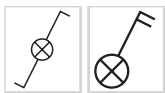
250 V~  
10 AX  
1 mA

- with cable and duct entry
- knock out opening for entry at top and bottom
- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate 1gang, self-extinguishing	1052 50	715
<b>optional</b>		
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit 230 V, for switches/push-buttons	1686 ..	74
LED unit for switches/push-buttons	1687	74

**i 980**

DESIGN	ORDER NO.	PU
Control change-over switch surface-mounted, white	<b>3016 40</b>	10
Control on/off switch 2pole with imprint "0" surface-mounted, white glossy	<b>3012 40</b>	10



**Combination rocker switch**



**Series switch surface-mounted**

Rated voltage  
Switching current

250 V~  
10 AX

- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate 1gang, self-extinguishing	1052 50	715



DESIGN	ORDER NO.	PU
white glossy <sup>1)</sup>	<b>3005 40</b>	10

<sup>1)</sup>with cable and duct entry



**Surface-mounted double change-over switch, isolated input terminals**

Rated voltage  
Switching current

250 V~  
10 AX

- with cable and duct entry
- knock out opening for entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate 1gang, self-extinguishing	1052 50	715



DESIGN	ORDER NO.	PU
white glossy <sup>1)</sup>	<b>3008 40</b>	10

<sup>1)</sup>with cable and duct entry

**Pullcord switches**



**Pullcord switch off/change-over surface-mounted**

Rated voltage  
Switching current  
Long pullcord

250 V~  
10 AX  
12 cm

- for wall and ceiling mounting
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate 1gang, self-extinguishing	1052 50	715



DESIGN	ORDER NO.	PU
white glossy	<b>3906 40</b>	10

**Rocker push-button**



**Push-button, change-over contact surface-mounted**

- Red lens



Rated voltage  
Momentary-contact current

250 V~  
10 A

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- with cable and duct entry
- knock out opening for entry at top and bottom
- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate 1gang, self-extinguishing	1052 50	715
<b>optional</b>		
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit 230 V, for switches/push-buttons	1686 ..	74
LED unit for switches/push-buttons	1687 ..	74

**i 980**



DESIGN  
white glossy

ORDER NO. **5006 99 40** PU 10

**COMBINATIONS**



**Combination change-over switch/SCHUKO socket outlet surface-mounted**

Rated voltage  
Rated current  
Switching current

250 V~  
16 A  
10 AX

Connection terminals according to IEC 60884-1

- for vertical mounting
- change-over switch and socket outlet connectable separately
- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate self-extinguishing for combination 2gang	1054 40	716

**i 980**



DESIGN  
white glossy

ORDER NO. **4796 40** PU 5

**PILOT LAMPS**



**Surface-mounted push-button/pilot lamp E10, NO contact**

Rated voltage  
Momentary-contact current  
Incandescent lamp power

250 V~  
2 A  
max. 2 W

- with cable and duct entry
- knock out opening for entry at top and bottom
- for illumination and monitoring circuit
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate 1gang, self-extinguishing	1052 50	715
Knob for push-button/pilot lamp E10	1279 ..	76
Cover for push-button/pilot lamp E10	128 ..	75
Neon lamp E10	1601	75
LED lamp E10	1678 ..	74

**i 910**



DESIGN  
white glossy

ORDER NO. **5100 40** PU 10



**Pilot lamp E14 surface-mounted**

Rated voltage  
Incandescent lamp power  
Long lamp base

250 V~  
max. 3 W  
max. 23.5 mm

- with cable and duct entry
- knock out opening for entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Incandescent lamp E14		page 75
Cover for pilot lamp E14		page 76
Entries/connectors		page 716
Base plate 1gang, self-extinguishing	1052 50	715
LED lamp E14	1679 ..	75



DESIGN

white glossy

ORDER NO.

**5130 40**

PU

10

**SUPPLEMENTARY PRODUCTS**



**Rocker**

**- Labelling field**



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

The rocker can be replaced in all rocker switches and rocker push-buttons in the surface-mounted range except 2- and 3pole off.

DESIGN

white glossy

ORDER NO.

**1636 40**

PU

10

**Base plates**



**Base plate 1gang, self-extinguishing**

- for 1gang devices
- for mounting on combustible base surface
- with imprint

SUITABLE FOR	ORDER NO.	PAGE
SWITCHES/PUSH-BUTTONS		page 712
PILOT LAMPS		page 714
SCHUKO socket outlet surface-mounted	4000 ..	710
SCHUKO socket outlet with overvoltage protection surface-mounted	4006 ..	711
SCHUKO socket outlet surface-mounted	4700 ..	710
Socket outlet with earthing pin surface-mounted	6760 06 40	712

DESIGN

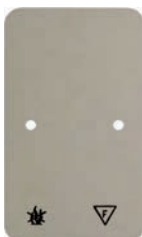
white

ORDER NO.

**1052 50**

PU

10



**Base plate self-extinguishing for double socket outlet**

- for mounting on combustible base surface
- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted double SCHUKO socket outlet	4721 ..	711

DESIGN

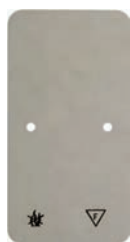
white

ORDER NO.

**1053 40**

PU

10



**Base plate self-extinguishing for combination 2gang**

- for mounting on combustible base surface
- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Combination change-over switch/ SCHUKO socket outlet surface-mounted	4796 40	714

DESIGN	ORDER NO.	PU
white	<b>1054 40</b>	10



**Base plate self-extinguishing for 3gang socket outlet**

- for mounting on combustible base surface
- with imprint

SUITABLE FOR	ORDER NO.	PAGE
3gang SCHUKO socket outlet, surface-mounted	4040	711

DESIGN	ORDER NO.	PU
white	<b>1055</b>	10

**Entries/connectors**



**Wire and duct entry**

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

- for wire or 15 x 15 mm cable duct

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO SOCKET OUTLETS		page 710
SWITCHES/PUSH-BUTTONS		page 712
COMBINATIONS		page 714
PILOT LAMPS		page 714
SURFACE-MOUNTED HOUSINGS		page 249
SURFACE-MOUNTED HOUSINGS		page 258
SURFACE MOUNTED FRAMES		page 315
Surface-mounted housing high		page 629
Frame 1gang surface-mounted	1001 0 ..	547

DESIGN	ORDER NO.	PU
white	<b>1813</b>	10
polar white	<b>1813 09</b>	10
black	<b>1813 05</b>	10



**Tube entry**

Distance from wall to centre of pipe 16 mm

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

Suitable tubes for surface-mounted installation can be purchased at [www.fraenkische-elektro.de](http://www.fraenkische-elektro.de).

- for tubes with coupling dia. 20.5 mm (PG 13.5) and M 20
- for tubes with Ø 15.2 mm (PG 9) and M 16

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO SOCKET OUTLETS		page 710
SWITCHES/PUSH-BUTTONS		page 712
COMBINATIONS		page 714
PILOT LAMPS		page 714
SURFACE-MOUNTED HOUSINGS		page 249
SURFACE-MOUNTED HOUSINGS		page 258
SURFACE MOUNTED FRAMES		page 315
Surface-mounted housing high		page 629
Frame 1gang surface-mounted	1001 0 ..	547

DESIGN	ORDER NO.	PU
polar white	<b>1817 09</b>	10
black	<b>1817 05</b>	10





## CONNECTING SYSTEMS AND ACCESSORIES

ELECTRIC RANGE CONNECTION BOXES	720
CEE CONNECTING DEVICES	720-724
SCHUKO CONNECTING DEVICES	724
EQUIPOTENTIAL BONDING SOCKETS	724-725
SUPPLEMENTARY PRODUCTS	725

Whether for electric ranges, large-scale kitchens, industry, building sites or other applications – connection boxes and connecting devices are needed everywhere. Berker offers a broad spectrum of products in response to the many and varied demands of everyday use.

Available systems:

- Electric range connection boxes
- CEE industrial connecting devices
- SCHUKO connecting devices
- Accessory articles

**ELECTRIC RANGE CONNECTION BOXES**



**Electric range connection box surface-mounted/flush-mounted**

Conductor cross-section (rigid)  
Dimensions (L x W x H)

max. 2.5 mm<sup>2</sup>  
86 x 86 x 28 mm

- with 5pole double terminal, locking
- additional pin cover possible
- for screw and spread fixing in 60 and 70 box
- with screw terminals



DESIGN	ORDER NO.	PU
polar white	<b>4478 09</b>	5



**Electric range connection box flush-mounted**

Conductor cross-section (rigid)  
Dimensions (L x W x H)

max. 2.5 mm<sup>2</sup>  
86 x 86 x 12 mm

Quick-mounting with a spreader claw bolt.

- with 5pole double terminal, locking
- for screw and spread fixing in 60 and 70 box
- flat execution
- with screw terminals



DESIGN	ORDER NO.	PU
polar white	<b>4477 09</b>	5

**CEE CONNECTING DEVICES**

**CEE connecting devices 3pole**



**CEE socket outlet 3pole with flush-mounted hinged cover 16 A**

Rated voltage  
Frequency  
Rated current  
3-pole  
Protective contact position

250 V~  
50/60 Hz  
16 A  
P + N + PE  
6 h

- with flush-mounted box
- with screw terminals

IP44



DESIGN	ORDER NO.	PU
polar white	<b>5684 01</b>	5



**CEE socket outlet 3pole with hinged cover surface-mounted 16 A**

Rated voltage  
Frequency  
Rated current  
3-pole  
Conductor Ø  
Protective contact position

250 V~  
50/60 Hz  
16 A  
P + N + PE  
max. 18 mm  
6 h

- with cable entry
- with screw terminals

IP44



DESIGN	ORDER NO.	PU
light grey	<b>5581 01</b>	5





**CEE socket outlet 3pole with hinged cover EB 16 A**

Rated voltage  
Frequency  
Rated current  
3-pole  
Protective contact position

250 V~  
50/60 Hz  
16 A  
P + N + PE  
6 h

- built-on socket outlet
- suitable for cable duct, type 68 and 74 flush-mounted and hollow-wall boxes
- suitable e.g. for switch cabinet door
- with screw terminals

IP44



DESIGN  
polar white

ORDER NO.  
**5681 01**

PU  
5



**CEE right angle plug 3pole 16 A**

Rated voltage  
Frequency  
Rated current  
3-pole  
Protective contact position

250 V~  
50/60 Hz  
16 A  
P + N + PE  
6 h

- with internal anti-kink protection
- with screw terminals

IP44



DESIGN  
grey/blue

ORDER NO.  
**5781 01**

PU  
10



**CEE socket outlet 3pole with flush-mounted hinged cover 32 A**

Rated voltage  
Frequency  
Rated current  
3-pole  
Protective contact position

250 V~  
50/60 Hz  
32 A  
P + N + PE  
6 h

- with flush-mounted box
- with screw terminals

IP44



DESIGN  
polar white

ORDER NO.  
**5786 01**

PU  
5



**CEE socket outlet, 3pole with hinged cover AP 32 A**

Rated voltage  
Frequency  
Rated current  
3-pole  
Conductor Ø  
Protective contact position

250 V~  
50/60 Hz  
32 A  
P + N + PE  
max. 18 mm  
6 h

- with cable entry
- with screw terminals

IP44



DESIGN  
light grey

ORDER NO.  
**5784 01**

PU  
5



**CEE right angle plug 3pole 32 A**

Rated voltage	400 V~	■ with internal anti-kink protection
Frequency	50/60 Hz	■ with screw terminals
Rated current	32 A	
3-pole	P + N + PE	
Protective contact position	6 h	

IP44



DESIGN	ORDER NO.	PU
grey/blue	<b>5783 01</b>	10

**CEE connecting devices 5pole**



**CEE socket outlet 5pole with flush-mounted hinged cover 16 A**

Rated voltage	400 V~	■ with flush-mounted box
Frequency	50/60 Hz	■ with screw terminals
Rated current	16 A	
5-pole	3 P + N + PE	
Protective contact position	6 h	

IP44



DESIGN	ORDER NO.	PU
polar white	<b>5680 01</b>	5



**CEE socket outlet 5pole with hinged cover surface-mounted 16 A**

Rated voltage	400 V~	■ with cable entry
Frequency	50/60 Hz	■ with screw terminals
Rated current	16 A	
5-pole	3 P + N + PE	
Cable Ø	max. 18 mm	
Protective contact position	6 h	

IP44



DESIGN	ORDER NO.	PU
light grey	<b>5580 01</b>	5



**CEE socket outlet 5pole with hinged cover EB 16 A**

Rated voltage	400 V~	■ built-on socket outlet
Frequency	50/60 Hz	■ suitable for cable duct, type 74 flush-mounted and hollow-wall boxes
Rated current	16 A	■ suitable e.g. for switch cabinet door
5-pole	3 P + N + PE	■ with screw terminals
Protective contact position	6 h	

IP44



DESIGN	ORDER NO.	PU
polar white	<b>5785 01</b>	5



**CEE right angle plug 5pole 16 A**

Rated voltage	400 V~	■ cable entry can be turned 60° to the left and right
Frequency	50/60 Hz	■ with internal anti-kink protection
Rated current	16 A	■ with screw terminals
5-pole	3 P + N + PE	
Protective contact position	6 h	

IP44



DESIGN	ORDER NO.	PU
grey/red	<b>5780 01</b>	10



**CEE socket outlet 5pole with flush-mounted hinged cover 32 A**

Rated voltage	400 V~	■ with flush-mounted box
Frequency	50/60 Hz	■ with screw terminals
Rated current	32 A	
5-pole	3 P + N + PE	
Protective contact position	6 h	

IP44



DESIGN	ORDER NO.	PU
polar white	<b>5682 01</b>	5



**CEE socket outlet, 5pole with hinged cover surface-mounted 32 A**

Rated voltage	400 V~	■ with cable entry
Frequency	50/60 Hz	■ with screw terminals
Rated current	32 A	
5-pole	3 P + N + PE	
Conductor Ø	max. 18 mm	
Protective contact position	6 h	

IP44



DESIGN	ORDER NO.	PU
light grey	<b>5582 01</b>	5



**CEE socket outlet 5pole with hinged cover EB 32 A**

Rated voltage	400 V~	■ built-on socket outlet
Frequency	50/60 Hz	■ suitable e.g. for switch cabinet door
Rated current	32 A	■ also suitable for cable ducts
5-pole	3 P + N + PE	■ with screw terminals
Protective contact position	6 h	

IP44



DESIGN	ORDER NO.	PU
polar white	<b>5683 01</b>	5

# CONNECTING SYSTEMS AND ACCESSORIES

SCHUKO CONNECTING DEVICES / EQUIPOTENTIAL BONDING SOCKETS



## CEE right angle plug 5pole 32 A

Rated voltage	400 V~	■ with internal anti-kink protection
Frequency	50/60 Hz	■ with screw terminals
Rated current	32 A	
5-pole	3 P + N + PE	
Protective contact position	6 h	

IP44



DESIGN	ORDER NO.	PU
grey/red	<b>5782 01</b>	10

### Supplementary products



## CEE flush-mounted wall box

Bolt spacing	60 mm
Installation depth, flush-mounted boxes	64 mm

DESIGN	ORDER NO.	PU
CEE flush-mounted wall box	<b>1830 01</b>	5

### SCHUKO CONNECTING DEVICES



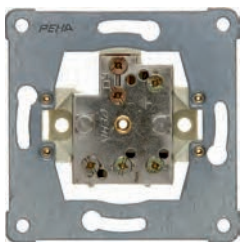
## SCHUKO right angle plug

Rated voltage	250 V~	■ can be screwed
Rated current	16 A	■ duroplastic housing
		■ with screw terminals



DESIGN	ORDER NO.	PU
white	<b>4606</b>	20

### EQUIPOTENTIAL BONDING SOCKETS



## Socket outlet for floating output

### - Screw terminals



Conductor cross-section (rigid)	max. 6 mm <sup>2</sup>
For separate earthing of medical-technical equipment and lab equipment.	
Connection pins according to DIN 42801	

- without spreader claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Central plate for socket outlet for floating output	1403 ..	235
Right angle plug for floating output	4605	725
Centre plate socket outlet for floating output	1705 01 04	472



DESIGN	ORDER NO.	PU
Socket outlet for floating output	<b>1061</b>	10



## Built-in socket for floating output

Conductor cross-section (rigid)	max. 6 mm <sup>2</sup>
For separate earthing of medical-technical equipment and lab equipment.	
Connection pins according to DIN 42801	

- for centre plate with cut-out dia. 18.8 mm
- with a green yellow signal ring

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with installation opening Ø 18.8 mm	1070 ..	464
Right angle plug for floating output	4605	725
Central plate with installation opening Ø 18.8 mm	1431 ..	175



DESIGN	ORDER NO.	PU
Built-in socket for floating output	<b>4604</b>	1



**Right angle plug for floating output**

Conductor cross-section (rigid) max. 6 mm<sup>2</sup>

For separate earthing of medical-technical equipment and lab equipment.

For connection pins according to according to DIN 42801

- for equipotential bonding socket outlet and built-in socket
- with yellow insulating cover and crimp connection

SUITABLE FOR	ORDER NO.	PAGE
Socket outlet for floating output	1061	724
Built-in socket for floating output	4604	724

DESIGN	ORDER NO.	PU
Right angle plug for floating output	<b>4605</b>	1

**SUPPLEMENTARY PRODUCTS**

**Extension claws**



**Extension claw for attaching**

Extension by 15 mm

Suitable for switch/button inserts and sockets from before 2011.

Not for electronics inserts!

DESIGN	ORDER NO.	PU
Extension claw for attaching	<b>1913</b>	50



**Replacement claw**

Extension by 15 mm

Suitable for the new socket outlet generation from approx. 2011.

Not suitable for switch inserts.

DESIGN	ORDER NO.	PU
Set with 20 claws	<b>1914</b>	1





CENTRAL UNITS	728
TRANSMITTERS	728-733
PUSH-BUTTONS	733-737
BLC - BERKER LIGHT CONTROL	737-741
ROLLOTEC SYSTEM	741-743
SUPPLEMENTARY PRODUCTS	743-744

Anyone wanting to renovate their property and make it more comfortable does not always need to get to grips with drills and crowbars. The operating systems and devices of our radio bus system work with battery-operated switchable consumers and can be mounted easily without major installation work. They can be used to control blinds and lights easily from any consumer in the building. Really neat!

- Installation in places where conventional installation would not allow mounting of a switch (for example, glass walls)
- Retrofit installation of convenience functions – simply and inexpensively
- Hand-held radio transmitter for further convenience functions such as centralised operation of all lights in the house and garden, simultaneous activation of lights and blinds in light scenes, or central switching-off of all electrical consumers upon leaving the house
- Radio buttons, transmitters and push-button sensors available in the standard and surface range designs

**CENTRAL UNITS**



**HM 1801**

Operating voltage	230/240 V~
Frequency	50/60 Hz
Number of radio channels	32
Radio transmission/reception frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission/reception range (free field)	max. 100 m
Operating temperature	+4 ... +40 °C
Dimensions (W x H x D)	140 x 230 x 50 mm

The batteries required for network-independent commissioning 5 x Micro, alkaline (LR 03) are not included in the scope of delivery.

- as radio control centre for all radio transmitters/actuators
- with integrated radio signal amplifier
- time functions by means of radio time with DCF77 receiver
- presence simulation
- short message function/notepad function
- master on/off, light scenes or scenarios e.g. coming/going
- switching, dimming, shutter control
- light scenes quick selection using keyboard
- with programmable logical and time operations
- preset and freely definable names for transmitter, receiver, rooms etc.
- with chip card for saving and loading configurations/programs etc.
- time-dependent controller monitoring
- update for function expansion possible
- with blue Master button either for short messages or coming/going function
- with serial interface
- with child lock
- integral piezo buzzer
- indication of the time and room temperature
- LC display with illumination
- pre-assembled, with cable and plug
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
HM 1801 Mastercard	2700 01	728

**i 957**

DESIGN	ORDER NO.	PU
polar white matt	<b>2700</b>	1

**Accessories**



**HM 1801 Mastercard**

- for saving and loading additional configurations/programs etc.

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
HM 1801	2700	728

DESIGN	ORDER NO.	PU
polar white	<b>2700 01</b>	1

**TRANSMITTERS**

**Hand-held transmitter**



**Radio hand-held transmitter comfort**

Operating voltage	6 V=
Battery service life [years]	≈ 3
Number of radio channels	24
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	192 x 53 x 22.5 mm

The required batteries 4 x Micro, alkaline (LR 03) are not in scope of delivery.

For battery-operated radio remote control of all assigned radio bus receivers.

- each channel can be assigned to any number of radio receivers
- with master on/off function
- with 3 channel group LEDs (also transmission and battery status LEDs)
- with 5 light scene buttons
- with light scene dimmer button
- with 3 channel group buttons A, B, C
- with 8 channel buttons (on/off; up/down; dimmer)

**i 958**



DESIGN	ORDER NO.	PU
anthracite matt	<b>2766</b>	1





**Radio hand-held transmitter mini**

Operating voltage	3 V=
Battery service life [years]	≈ 5
Number of radio channels	2
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 30 m
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	73 x 40 x 19 mm

- each channel can be assigned to any number of radio receivers
- with red transmit and battery status LED
- with lithium coin cell battery 3 V type: CR 2032
- 2 buttons each per channel for On/Off, Up/Down, dimmer function

**SUITABLE FOR replacement**

Lithium coin cell battery 3 V

**ORDER NO. PAGE**

page 744

For battery-operated radio remote control of all assigned radio bus receivers.

**i 957**



DESIGN	ORDER NO.	PU
anthracite matt	<b>2769</b>	1

**Wall-transmitters**



**Radio wall-transmitter 1gang flat**

- Labelling field
- Horizontal operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 1 channel/1 light scene/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

**SUITABLE FOR**

Glare protection foil

**replacement**

Lithium coin cell battery 3 V

**ORDER NO. PAGE**

page 743

page 744

**i 958**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

for white and polar white <sup>1)</sup>	<b>2721 10 09</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>2721 10 06</b>	1

**Berker Q.1/Q.3**

polar white <sup>1)</sup>	<b>2721 60 89</b>	1
anthracite <sup>1)</sup>	<b>* 2721 60 86</b>	1

**Berker K.1/K.5**

polar white glossy <sup>2)</sup>	<b>2721 70 09</b>	1
anthracite <sup>2)</sup>	<b>2721 70 06</b>	1
aluminium <sup>2)</sup>	<b>2721 70 24</b>	1
stainless steel <sup>2)</sup>	<b>2721 70 04</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 52.3 mm

<sup>2)</sup>labelling field length (W x H): 66.8 x 52.8 mm



Radio bus



**Radio wall-transmitter 1gang flat**

- Labelling field
- Vertical operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 1 channel/1 light scene/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Glare protection foil		page 743
<b>replacement</b>		
Lithium coin cell battery 3 V		page 744

**i 958**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

polar white matt	# 2721 19 09	1
anthracite matt	# 2721 16 06	1
aluminium matt, lacquered	# 2721 14 04	1

**Modul 2**

white glossy	# 2721 02	1
polar white glossy	# 2721 09	1

**Berker Arsys**

white glossy	2721 00 02	1
polar white glossy	2721 00 69	1
light bronze matt, lacquered	2721 90 11	1
stainless steel matt, lacquered	2721 90 04	1



**Radio wall-transmitter 2gang flat**

- Labelling field
- Horizontal operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	2
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 2 channel/3 light scenes/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Glare protection foil		page 743
<b>replacement</b>		
Lithium coin cell battery 3 V		page 744

**i 958**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

for white and polar white <sup>1)</sup>	2722 10 09	1
for anthracite and aluminium <sup>1)</sup>	2722 10 06	1

**Berker Q.1/Q.3**

polar white <sup>1)</sup>	2722 60 89	1
anthracite <sup>1)</sup>	* 2722 60 86	1





DESIGN	ORDER NO.	PU
<b>Berker K.1/K.5</b>		
polar white <sup>2)</sup>	<b>2722 70 09</b>	1
anthracite <sup>2)</sup>	<b>2722 70 06</b>	1
aluminium <sup>2)</sup>	<b>2722 70 24</b>	1
stainless steel <sup>2)</sup>	<b>2722 70 04</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 24.9 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 25 mm



**Radio wall-transmitter 2gang flat**

- Labelling field
- Vertical operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	2
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 2 channel/3 light scenes/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

SUITABLE FOR	ORDER NO.	PAGE
Glare protection foil		page 743
<b>replacement</b>		
Lithium coin cell battery 3 V		page 744

**i 958**

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
polar white matt	# <b>2722 19 09</b>	1
anthracite matt	# <b>2722 16 06</b>	1
aluminium matt, lacquered	# <b>2722 14 04</b>	1
<b>Modul 2</b>		
white glossy	# <b>2722 02</b>	1
polar white glossy	# <b>2722 09</b>	1



<b>Berker Arsys</b>		
white glossy	<b>2722 00 02</b>	1
polar white glossy	<b>2722 00 69</b>	1
light bronze matt, lacquered	<b>2722 90 11</b>	1
stainless steel matt, lacquered	<b>2722 90 04</b>	1



Radio bus



**Radio wall-transmitter 3gang flat**

- Labelling field
- Horizontal operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	3
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 3 channel/5 light scenes/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Glare protection foil		page 743
<b>replacement</b>		
Lithium coin cell battery 3 V		page 744

**i 958**

DESIGN	ORDER NO.	PU
--------	-----------	----

<b>Berker S.1/B.3/B.7</b>		
for white and polar white <sup>1)</sup>	<b>2723 10 09</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>2723 10 06</b>	1

<b>Berker Q.1/Q.3</b>		
polar white <sup>1)</sup>	<b>2723 60 89</b>	1
anthracite <sup>1)</sup>	<b>* 2723 60 86</b>	1

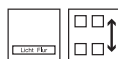
<b>Berker K.1/K.5</b>		
polar white <sup>2)</sup>	<b>2723 70 09</b>	1
anthracite <sup>2)</sup>	<b>2723 70 06</b>	1
aluminium <sup>2)</sup>	<b>2723 70 24</b>	1
stainless steel <sup>2)</sup>	<b>2723 70 04</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 15.6 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 15.7 mm



**Radio wall-transmitter 4gang flat**

- Labelling field
- Vertical operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	4
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 4 channel/5 light scenes/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Glare protection foil		page 743
<b>replacement</b>		
Lithium coin cell battery 3 V		page 744

**i 958**

DESIGN	ORDER NO.	PU
--------	-----------	----

<b>Berker S.1/B.3/B.7</b>		
polar white matt	<b># 2724 19 09</b>	1
anthracite matt	<b># 2724 16 06</b>	1
aluminium matt, lacquered	<b># 2724 14 04</b>	1

<b>Modul 2</b>		
white glossy	<b># 2724 02</b>	1
polar white glossy	<b># 2724 09</b>	1





DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
white glossy	<b>2724 00 02</b>	1
polar white glossy	<b>2724 00 69</b>	1
light bronze matt, lacquered	<b>2724 90 11</b>	1
stainless steel matt, lacquered	<b>2724 90 04</b>	1

**PUSH-BUTTONS**



**Radio wall transmitter insert**

Operating voltage	6 V=	■ not dependent on mains power
Battery service life [years]	≈ 3	■ each channel can be assigned to any number of radio receivers
Number of radio channels	4	■ key functions: 4 channel/5 light scenes/central OFF via dip switch adjustable
Radio transmission frequency	433.42 MHz	■ transmission indicator LED and battery charge indicator in push-button
Radio transmission power	< 10 mW	■ with 2 x lithium coin cell battery 3 V type: CR 2032
Radio transmission range (free field)	max. 100 m	■ for push-button 1-/2-/3- or 4gang
Insertion depth	12 mm	■ mounting as flush/surface/table-top radio transmitter with built-on installation housing, flat design possible
Operating temperature	+0 ... +55 °C	■ without spreader claws

Fits in flush-mounted and hollow wall boxes from Kaiser.  
For battery-operated radio remote control of all assigned radio bus receivers.

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Push-buttons		page 733
<b>replacement</b>		
Lithium coin cell battery 3 V		page 744

**i 958**



DESIGN	ORDER NO.	PU
black, matt	<b>2764</b>	1

**Push-buttons**



**Push-button 1gang**

- Labelling field
- Horizontal operation



Operating temperature	-5 ... +45 °C
-----------------------	---------------

- with anti-dismantling protection
- with 2 red transmission and battery status LEDs
- for radio wall-transmitter insert

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
for white and polar white <sup>1)</sup>	<b>7516 13 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7516 13 85</b>	1
<b>Berker K.1/K.5</b>		
polar white <sup>2)</sup>	<b>7516 13 70</b>	1
anthracite <sup>2)</sup>	<b>7516 13 75</b>	1
aluminium <sup>2)</sup>	<b>7516 13 74</b>	1
stainless steel <sup>2)</sup>	<b>7516 13 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 52.3 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 52.8 mm



**Push-button 2gang**

- Labelling fields
- Horizontal operation



Operating temperature	-5 ... +45 °C
-----------------------	---------------

- with anti-dismantling protection
- with 4 red transmission and battery status LEDs
- for radio wall-transmitter insert

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
for white and polar white <sup>1)</sup>	<b>7516 23 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7516 23 85</b>	1



**Berker K.1/K.5**

polar white <sup>2)</sup>	<b>7516 23 70</b>	1
anthracite <sup>2)</sup>	<b>7516 23 75</b>	1
aluminium <sup>2)</sup>	<b>7516 23 74</b>	1
stainless steel <sup>2)</sup>	<b>7516 23 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 24.9 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 25 mm



**Push-button 3gang**

- Labelling fields
- Horizontal operation



- with anti-dismantling protection
- with 6 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

for white and polar white <sup>1)</sup>	<b>7516 33 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7516 33 85</b>	1

**Berker K.1/K.5**

polar white <sup>2)</sup>	<b>7516 33 70</b>	1
anthracite <sup>2)</sup>	<b>7516 33 75</b>	1
aluminium <sup>2)</sup>	<b>7516 33 74</b>	1
stainless steel <sup>2)</sup>	<b>7516 33 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 15.6 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 15.7 mm



**Push-button 4gang**

- Labelling fields
- Horizontal operation



- with anti-dismantling protection
- with 8 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C

**SUITABLE FOR** ORDER NO. PAGE  
Glass frame with large cut-out 1309 64 .. 268

Use only in combination with frame frame with large cut-out.

Only for flush-mounted installation.

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

for white and polar white <sup>1)</sup>	<b>7516 43 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7516 43 85</b>	1

**Berker K.1/K.5**

polar white <sup>2)</sup>	<b>7516 43 70</b>	1
anthracite <sup>2)</sup>	<b>7516 43 75</b>	1
aluminium <sup>2)</sup>	<b>7516 43 74</b>	1
stainless steel <sup>2)</sup>	<b>7516 43 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 24.9 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 25 mm



**Push-button 1gang**

- Labelling field
- Vertical operation



- with anti-dismantling protection
- with red transmit and battery status LED
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

polar white matt	# <b>7516 10 89</b>	1
anthracite matt	# <b>7516 10 85</b>	1
aluminium matt, lacquered	# <b>7516 10 83</b>	1



**Modul 2**

white glossy	# 7516 10 12	1
polar white glossy	# 7516 10 19	1

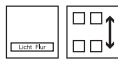
**Berker Arsys**

white glossy	7516 10 42	1
polar white glossy	7516 10 49	1
light bronze matt, lacquered	7516 10 44	1
stainless steel matt, lacquered	7516 10 43	1



**Push-button 2gang**

- Labelling field
- Vertical operation



- with anti-dismantling protection
- with 2 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

polar white matt	# 7516 20 89	1
anthracite matt	# 7516 20 85	1
aluminium matt, lacquered	# 7516 20 83	1

**Modul 2**

white glossy	# 7516 20 12	1
polar white glossy	# 7516 20 19	1



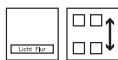
**Berker Arsys**

white glossy	7516 20 42	1
polar white glossy	7516 20 49	1
light bronze matt, lacquered	7516 20 44	1
stainless steel matt, lacquered	7516 20 43	1



**Push-button 4gang**

- Labelling field
- Vertical operation



- with anti-dismantling protection
- with 4 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

polar white matt	# 7516 40 89	1
anthracite matt	# 7516 40 85	1
aluminium, matt, lacquered	# 7516 40 83	1

**Modul 2**

white glossy	# 7516 40 12	1
polar white glossy	# 7516 40 19	1



**Berker Arsys**

white glossy	7516 40 42	1
polar white glossy	7516 40 49	1
light bronze matt, lacquered	7516 40 44	1
stainless steel matt, lacquered	7516 40 43	1



Radio bus



### Push-button 1gang

Operating temperature -5 ... +45 °C ■ with anti-dismantling protection  
■ for radio wall-transmitter insert

DESIGN ORDER NO. PU

#### Berker S.1/B.3/B.7

polar white matt	# 7516 11 89	1
anthracite matt	# 7516 11 85	1
aluminium matt, lacquered	# 7516 11 83	1

#### Modul 2

white glossy	# 7516 11 12	1
polar white glossy	# 7516 11 19	1



#### Berker Arsys

white glossy	7516 11 42	1
polar white glossy	7516 11 49	1
light bronze matt, lacquered	7516 11 44	1
stainless steel matt, lacquered	7516 11 43	1



### Push-button 2gang

Operating temperature -5 ... +45 °C ■ with anti-dismantling protection  
■ for radio wall-transmitter insert

DESIGN ORDER NO. PU

#### Berker S.1/B.3/B.7

polar white matt	# 7516 21 89	1
anthracite matt	# 7516 21 85	1
aluminium, matt, lacquered	# 7516 21 83	1

#### Modul 2

white glossy	# 7516 21 12	1
polar white glossy	# 7516 21 19	1



#### Berker Arsys

white glossy	7516 21 42	1
polar white glossy	7516 21 49	1
light bronze matt, lacquered	7516 21 44	1
stainless steel matt, lacquered	7516 21 43	1



### Push-button 4gang

Operating temperature -5 ... +45 °C ■ with anti-dismantling protection  
■ for radio wall-transmitter insert

DESIGN ORDER NO. PU

#### Berker S.1/B.3/B.7

polar white matt	# 7516 41 89	1
anthracite matt	# 7516 41 85	1
aluminium, matt, lacquered	# 7516 41 83	1

#### Modul 2

white glossy	# 7516 41 12	1
polar white glossy	# 7516 41 19	1



#### Berker Arsys

white glossy	7516 41 42	1
polar white glossy	7516 41 49	1
light bronze matt, lacquered	7516 41 44	1
stainless steel matt, lacquered	7516 41 43	1



**Surface-mounted housing for radio wall-transmitter insert**



**Surface-mounted housing flat**

Height 16 mm

- for radio wall-transmitter insert for surface mounting and as table-top radio transmitter
- with double-sided adhesive pads, e.g. for mounting on panes of glass

DESIGN	ORDER NO.	PU
<b>Berker S.1</b> polar white matt	<b>1007 99 09</b>	1
<b>Berker B.3</b> polar white matt	<b>1007 19 09</b>	1
anthracite matt	<b>1007 16 06</b>	1
aluminium matt, lacquered	<b>1007 14 04</b>	1



**Modul 2, Berker Arsys**

white	<b>1002 00 02</b>	1
polar white	<b>1002 00 69</b>	1



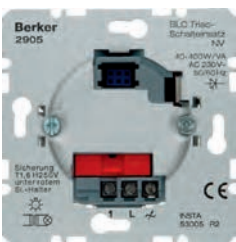
**Berker Arsys**

light bronze matt, lacquered	<b>1002 90 11</b>	1
stainless steel, lacquered	<b>1002 90 04</b>	1



**BLC - BERKER LIGHT CONTROL**

**BLC Inserts**



**BLC triac insert (R, L)**

Operating voltage 230 V~  
 Frequency 50/60 Hz  
 230 V incandescent lamps and halogen lamps 40 ... 400 W  
 Dimmable conventional transformers 40 ... 400 VA  
 Fine-wire fuse T 1.6 H 250 V  
 Operating temperature -20 ... +45 °C

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- phase cut-on
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

Light scene function (On/Off) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

SUITABLE FOR	ORDER NO.	PAGE
BLC radio push-button	1760 ..	741

**i 917**



DESIGN	ORDER NO.	PU
BLC triac insert (R, L)	<b>2905</b>	1



**BLC tronic insert (R, C)**

Operating voltage 230 V~  
 Frequency 50/60 Hz  
 230 V incandescent lamps and halogen lamps 50 ... 420 W  
 Electronic transformers 50 ... 420 W  
 Operating temperature -20 ... +45 °C

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- phase cut-off
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

Light scene function (On/Off) in conjunction with BLC radio button.

For trouble-free operation, we recommend Berker Tronic transformers.

SUITABLE FOR	ORDER NO.	PAGE
BLC radio push-button	1760 ..	741

**i 917**

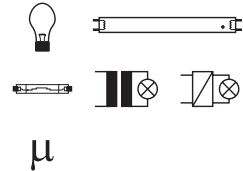


DESIGN	ORDER NO.	PU
BLC tronic insert (R, C)	<b>2916</b>	1



**BLC relay insert**

Operating voltage	230 V~
Frequency	50/60 Hz
Breaking capacity	2300 W
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 VA
- uncompensated	1200 VA
- parallel compensated	920 VA
Insertion depth	22 mm
Operating temperature	-20 ... +45 °C



- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- also usable as push-button relay switch
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
BLC radio push-button	1760 ..	741
<b>optional</b>		
Making current limiter	185	78

**i 917**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!



DESIGN	ORDER NO.	PU
BLC relay insert	<b>2906</b>	1



**BLC relay insert**

**- Potential-free contact**

Operating voltage	230 V~
Frequency	50/60 Hz
Minimum load (at 12 V)	100 mA
230 V incandescent lamps	800 W
230 V halogen lamps	750 W
Operating temperature	+5 ... +35 °C



- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- potential-free contact for function extra-low voltage FELV (only change-over voltage) suitable
- also usable as push-button relay switch
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
BLC radio push-button	1760 ..	741
<b>optional</b>		
Making current limiter	185	78

**i 917**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!



DESIGN	ORDER NO.	PU
BLC relay insert	<b>2906 10</b>	1



**BLC relay insert HVAC**

Operating voltage	230 V~
Frequency	50/60 Hz
Motor switching current (HLK channel)	2.1 A
Breaking capacity	1000 W
Switching capacity, HLK channel	max. 800 W
230 V incandescent lamps and halogen lamps	1000 W
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- in Duo circuit	1000 VA
- uncompensated	500 VA
Switch on delay HVAC-channel	0/3 min
HVAC-channel adjustable	≈ 2/10/30/60/120 min
Operating temperature	+5 ... +35 °C

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/deactivated permanently with BLC button
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- also usable as push-button relay switch
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
BLC radio push-button	1760 ..	741
<b>optional</b>		
Making current limiter	185	78

**i 917**

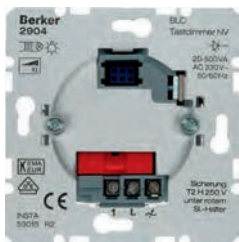
For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!



DESIGN	ORDER NO.	PU
BLC relay insert HVAC	<b>2912</b>	1



**BLC touch dimmer (R, L)**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Operating temperature	-20 ... +45 °C

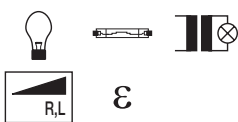
- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- phase cut-on
- switch-on brightness memory function
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
BLC radio push-button	1760 ..	741
<b>optional</b>		
Power booster built-in (R, L)	2869	63

**i 917**

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Possible to change fuse without removing cover.



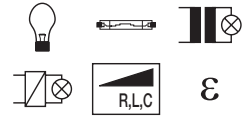
DESIGN	ORDER NO.	PU
BLC touch dimmer (R, L)	<b>2904</b>	1





**BLC universal touch dimmer (R, L, C)**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Insertion depth	22 mm
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Operating temperature	-20 ... +45 °C



Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC radio push-button	1760 ..	740
<b>optional</b>		
Mains decoupler RMD	187 00	78
Mains decoupler comfort RMD	1 8799 01	77
Power booster built-in (R, L)	2869	63
Tronic power booster built-in (R, C)	2868	63
Universal power booster Plus RMD	1 6599 01	62

**i 917**

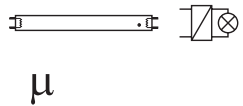


DESIGN	ORDER NO.	PU
BLC universal touch dimmer (R, L, C)	<b>2902</b>	1



**BLC 1 - 10 V push-button control unit**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	3.04 A
Control current	50 mA
Operating temperature	+5 ... +35 °C



Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

In case of excessive switch-on currents use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend Berker 1 - 10 V Tronic transformers, 105 W, order no. 2977.

Neutral conductor necessary! according to DIN EN 61347-2-3

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- basic brightness programmable
- switch-on brightness level can be stored safe after power failure
- e.g. for fluorescent lamps and LV halogen lamps
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC radio push-button	1760 ..	741
<b>optional</b>		
Making current limiter	185	78

**i 917**



DESIGN	ORDER NO.	PU
BLC 1 - 10 V push-button control unit	<b>2903</b>	1

**BLC radio buttons**



**BLC radio push-button**

Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30

Extension unit operation with BLC extension unit and push-button (NO) possible as of release R2.1.

For actuation via button and radio transmitter.

- with 2-push-buttons operation concept
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- reset function (to factory setting)
- switch-on brightness for BLC dimmer insert mains-failure protection storable
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value

**i 917**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Modul 2**

white glossy	# 1760 02	1
polar white glossy	# 1760 09	1



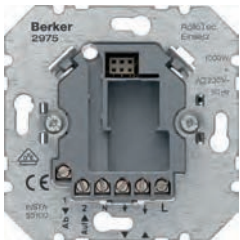


**Berker Arsys**

white glossy	<b>1760 00 02</b>	1
polar white glossy	<b>1760 00 69</b>	1
brown glossy	<b>1760 00 01</b>	1
Stainless steel, metal matt finish	<b>1760 00 04</b>	1

**ROLLOTEC SYSTEM**

**RolloTec inserts**



**RolloTec insert comfort**

**- Extension inputs**



Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	1000 W

Recommendation: use deep box.  
Neutral conductor necessary!  
Light scene function (up/down) in conjunction with RolloTec radio button.

- for single, group and master controls
- suitable for multi-phase mode
- with 230 V extension unit inputs for up, down and sensors
- with 2 mechanically interlocked NO contacts
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
RolloTec radio button	1758 ..	742
RolloTec radio button for sensors	1759 ..	743
<b>optional</b>		
RolloTec precipitation sensor	183 01	129
RolloTec interface surface-mounted for wind sensor	173	130

**i 944**



DESIGN	ORDER NO.	PU
RolloTec insert comfort	<b>2975</b>	1



**RolloTec insert comfort for direct current drives**

Operating voltage	24 V=
Switching current at 24 V=	max. 3 A
Current consumption (operation)	≈ 100 mA
Current consumption (idle)	≈ 30 mA

Recommendation: use deep box.  
Follow the motor manufacturers' instructions.  
External power supply 24 V= with protective separation required.

- for 24 V reverse polarity motors with limit switches
- for single, group and master controls
- with 24 V reverse polarity extension unit inputs for up and down
- with 2 reverse polarity change-over relays
- with screw terminals

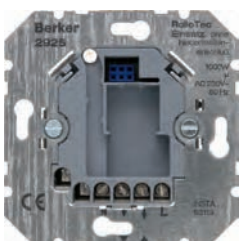
SUITABLE FOR	ORDER NO.	PAGE
RolloTec radio button	1758 ..	742
RolloTec radio button for sensors	1759 ..	743

**i 944**

Recommendation of power supply units:  
Elka, type: SV230-24.1250 DC, item no. 140 01 915 or  
Elka, type: SV230-24.2500 DC, item no. 140 01 916  
Phoenix, type: STEP-PS-100-240AC/24DC/1.5 item no.: 2938947  
Light scene function (up/down) in conjunction with RolloTec radio button.



DESIGN	ORDER NO.	PU
RolloTec insert comfort for direct current drives	<b>2975 01</b>	1



**RolloTec insert**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	1000 W

Recommendation: use deep box.  
Neutral conductor necessary!  
Not suitable for wind and precipitation sensor.  
Light scene function (up/down) in conjunction with RolloTec radio button.

- for single and master controls
- without 230 V extension unit inputs
- with 2 mechanically interlocked NO contacts
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
RolloTec radio button	1758 ..	742
RolloTec radio button for sensors	1759 ..	743

**i 944**



DESIGN	ORDER NO.	PU
RolloTec insert	<b>2925</b>	1





**RolloTec insert without neutral conductor connection**

Operating voltage 230 V~  
 Frequency 50 Hz  
 Switching capacity for max. 1 motor 1000 W

- for single control on motor with limit switches!
- without 230 V extension unit inputs
- with 2 mechanically interlocked NO contacts
- with screw terminals

On motors with limit switches, perform a brief inspection of the motor, as described in the Technical Appendix.

Recommendation: use deep box.

Not suitable for wind and precipitation sensor.

Light scene function (up/down) in conjunction with RolloTec radio button.

**SUITABLE FOR**

RolloTec radio button  
 RolloTec radio button for sensors

**ORDER NO.**

1758 ..  
 1759 ..

**PAGE**

742  
 743

**i 944**



DESIGN	ORDER NO.	PU
RolloTec insert without neutral conductor connection	<b>2911</b>	1

**RolloTec radion buttons**



**RolloTec radio button**

Number of teachable radio transmitters 30  
 Radio reception frequency 433.42 MHz

- light scenes only polled using radio transmitter
- with 5 light scenes for "open/close"

For actuation via button and radio transmitter.

**i 944**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>1758 89 82</b>	1
polar white glossy	<b>1758 89 89</b>	1
polar white matt	<b>1758 19 09</b>	1
anthracite matt	<b>1758 16 06</b>	1
aluminium matt, lacquered	<b>1758 14 04</b>	1

**Modul 2**

white glossy	<b># 1758 12</b>	1
polar white glossy	<b># 1758 49</b>	1



**Berker Q.1/Q.3**

polar white velvety	<b>1758 60 89</b>	1
anthracite velvety, lacquered	<b>* 1758 60 86</b>	1



**Berker K.1/K.5**

polar white glossy	<b>1758 70 09</b>	1
anthracite matt, lacquered	<b>1758 70 06</b>	1
Aluminium, aluminium anodised	<b>* 1758 70 03</b>	1
Stainless steel, metal matt finish	<b>1758 70 04</b>	1



**Berker Arsys**

white glossy	<b>1758 00 12</b>	1
polar white glossy	<b>1758 00 79</b>	1
brown glossy	<b>1758 00 11</b>	1
light bronze matt, aluminium lacquered	<b>1758 90 21</b>	1
Stainless steel, metal matt finish	<b>1758 90 14</b>	1
gold matt, aluminium anodised	<b>1758 90 12</b>	1



**RolloTec radio button for sensors**

Number of teachable radio transmitters 30  
Radio reception frequency 433.42 MHz  
Sun brightness value ≈ 5 ... 80 klx

For actuation via button and radio transmitter.

- no twilight sensor function
- brightness value for sunblind individually adjustable
- light scenes only polled using radio transmitter
- with 5 light scenes for "open/close"
- RolloTec glass-break sensor can be connected
- RolloTec brightness sensor for sun blind movement up/down can be connected
- for sensor connection to socket contact or terminal block

**SUITABLE FOR** Magnetic contact  
**ORDER NO.** 9251 0 ..  
**PAGE** 130



DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy <sup>1)</sup>	<b>1759 89 82</b>	1
polar white glossy <sup>1)</sup>	<b>1759 89 89</b>	1
polar white matt <sup>1)</sup>	<b>1759 19 09</b>	1
anthracite matt <sup>1)</sup>	<b>1759 16 06</b>	1
aluminium matt, lacquered <sup>1)</sup>	<b>1759 14 04</b>	1

**Modul 2**

white glossy <sup>2)</sup>	# <b>1759 12</b>	1
polar white glossy <sup>2)</sup>	# <b>1759 49</b>	1

**Berker Q.1/Q.3**

polar white velvety <sup>2)</sup>	<b>1759 60 89</b>	1
anthracite velvety, lacquered <sup>2)</sup>	* <b>1759 60 86</b>	1

**Berker K.1/K.5**

polar white glossy <sup>2)</sup>	<b>1759 70 09</b>	1
anthracite matt, lacquered <sup>2)</sup>	<b>1759 70 06</b>	1
Aluminium, aluminium anodised <sup>2)</sup>	* <b>1759 70 03</b>	1
Stainless steel, metal matt finish <sup>2)</sup>	<b>1759 70 04</b>	1

**Berker Arsys**

white glossy <sup>2)</sup>	<b>1759 00 12</b>	1
polar white glossy <sup>2)</sup>	<b>1759 00 79</b>	1
brown glossy <sup>2)</sup>	<b>1759 00 11</b>	1
light bronze matt, aluminium lacquered <sup>2)</sup>	<b>1759 90 21</b>	1
Stainless steel, metal matt finish <sup>2)</sup>	<b>1759 90 14</b>	1
gold matt, aluminium anodised <sup>2)</sup>	<b>1759 90 12</b>	1

<sup>1)</sup>with socket contact and terminal block  
<sup>2)</sup>only with terminal block



Radio bus

**SUPPLEMENTARY PRODUCTS**



**Glare protection foil**

The adhesive film attaches to the frame and, when installed on glass or any other transparent base, it provides a closed backing surface.  
To attain an even adhesive surface, we recommend flattening the adhesive film for application 24 hours before installing the wall-transmitter / controller.

- as sight shielding on backside (e.g. when mounting on glass)

**SUITABLE FOR** Wall-transmitters  
Radio controller flat  
**ORDER NO.** page 729  
page 748  
**PAGE**

DESIGN ORDER NO. PU




**Berker S.1**

polar white	<b>9498 02 02</b>	1
-------------	-------------------	---

**Berker B.3**

black	<b>9498 27 30</b>	1
-------	-------------------	---



DESIGN	ORDER NO.	PU
 <p><b>Berker B.7</b> polar white matt</p>	<b>9498 28 02</b>	1
 <p><b>Berker K.1/K.5</b> polar white glossy black</p>	<b>9498 33 02</b>	1
	<b>9498 33 30</b>	1
 <p><b>Berker Q.1, Arsys</b> polar white black</p>	<b>9498 11 02</b>	1
	<b>9498 11 30</b>	1



**Lithium coin cell battery 3 V**

Output voltage  
 Charging capacity

3 V=    ■ type: CR 2032  
 0.18 Ah   ■ 2 pcs. for replacement

**SUITABLE FOR**

Wall-transmitters  
 Radio wall transmitter insert  
 Radio hand-held transmitter mini  
 Radio button interface 4gang flush-mounted

ORDER NO.	PAGE
	page 729
2764	733
2769	729
126	590

DESIGN	ORDER NO.	PU
Lithium coin cell battery 3 V	<b>1857</b>	10





RADIO BUS TRANSMITTERS AND ACTUATORS



**B.**  
Berker

## RADIO BUS TRANSMITTERS AND ACTUATORS

RADIO CONTROLLERS	748-749
PRESENCE DETECTORS	750
PHYSICAL SENSORS	750
FLUSH-MOUNTED TRANSMITTERS	751
SWITCHING ACTUATORS, FLUSH-MOUNTED/ BUILT-IN	752-753
PUSH-BUTTON ACTUATORS, FLUSH-MOUNTED	754
DIM ACTUATORS, FLUSH-MOUNTED/BUILT-IN	754-756
BLIND ACTUATORS, FLUSH-MOUNTED	757
RADIO SYSTEM, RMD	757-760
SUPPLEMENTARY PRODUCTS	760

The Berker radio bus system offers maximum flexibility, because you can install each radio bus component in just the place where it is wanted. The radio transmitters communicated with the taught-in radio actuators via digitally structured telegrams. Whether via a permanently installed radio transmitter in the wall or a portable hand-held radio transmitter – each transmitter can address the functions of different actuators and trigger switching, dimming or blind commands.

- Wireless installation on and in walls
- Flexible installation changes, without large amounts of work, to adapt to changed room use
- Flush-mounted actuators for installation near the consumer
- Flexible operation using mobile hand-held transmitters
- Combination of switching states of multiple consumers in light scenes
- Physical sensor for additional comfort functions in houses and outside
- Weather-dependent consumer control in and on houses

**RADIO CONTROLLERS**



**Radio controller flat**

Operating voltage	3 V=	■ not dependent on mains power
Battery service life [years]	≈ 3	■ the channel can be assigned to any number of radio receivers
Number of radio channels	1	■ with red transmit and battery status LED
Radio transmission frequency	433.42 MHz	■ with a lithium coin cell battery 3 V type: CR 2450
Radio transmission power	< 10 mW	■ mounting with frames on even surface, e.g. also for extension of combinations
Radio transmission range (free field)	max. 60 m	■ screw fastening via supporting plate possible
Nominal mounting height	1.1 m	■ with fitting material, screws, wall plugs and adhesive pad
Range, frontal	≈ 10 m	■ with cover to limit detection angle to 90°
Range, side	each ≈ 6 m	
Detection field, semi-oval shaped	≈ 10 x 12 m	
Detection angle	180 °	
Response sensitivity, settable	≈ 20 ... 100 %	
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)	
Operating temperature	+5 ... +45 °C	
Dimensions assembling height	23.5 mm	

**SUITABLE FOR** Glare protection foil **ORDER NO.** **PAGE** page 743

**i 954**

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

If response brightness or movement of people is insufficient, it sends a radio signal to the surface-mounted radio controller power pack unit or other radio bus receivers.

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>9420 89 82</b>	1
polar white glossy	<b>9420 89 89</b>	1
polar white matt	<b>9420 19 09</b>	1
anthracite matt	<b>9420 16 06</b>	1
aluminium matt	<b>9420 14 04</b>	1
<b>Modul 2</b>		
white	# <b>9420 02</b>	1
polar white glossy	# <b>9420 09</b>	1
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>9420 60 89</b>	1
,	* <b>9420 60 86</b>	1
<b>Berker K.1/K.5</b>		
polar white glossy	<b>9420 70 09</b>	1
anthracite matt, lacquered	<b>9420 70 06</b>	1
aluminium matt, lacquered	* <b>9420 70 03</b>	1
stainless steel matt, lacquered	<b>9420 70 04</b>	1
<b>Berker Arsys</b>		
white glossy	<b>9420 00 02</b>	1
polar white glossy	<b>9420 00 69</b>	1
light bronze matt, lacquered	<b>9420 90 11</b>	1
stainless steel matt, lacquered	<b>9420 90 04</b>	1





**Radio controller surface-mounted**

Operating voltage	9 V=
Alkaline battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Range	≈ 16 m
Recommended installation height	≈ 2.4 m
Detection field, semi-circular shaped	≈ 16 x 32 m
Detection angle	180 °
Response sensitivity, settable	≈ 20 ... 100 %
Sensor response brightness	< 80 lx
Sensor retrigger	< 200 lx
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	80 x 75 x 115 mm

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- with LED detection and battery charge indicator
- for wall mounting
- rotating and vertically slewing
- with fitting material
- with push-on cover to limit the detection field

SUITABLE FOR	ORDER NO.	PAGE
Lithium block battery 9 V	9219	749
<b>optional</b>		
Ceiling mounting angle for controller	148 ..	108
Ceiling mounting angle 2gang for controller	158 ..	108
Corner mounting piece for controllers/sensors	149 09 ..	108
Mast fixing for controllers/sensors	154 ..	109

**i 954**

The required alkaline 9 V block battery (6LR61) is not in scope of delivery.

If response brightness or movement of people is insufficient, it sends a radio signal to the surface-mounted radio controller power pack unit or other radio bus receivers.



DESIGN	ORDER NO.	PU
polar white glossy	<b>1 7401 09</b>	1

**Accessories**



Operating voltage	230 V~
Frequency	50/60 Hz
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
Delay time, adjustable	≈ 10 s ... 15 min
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 VA
- uncompensated	1200 VA
- parallel compensated	920 VA
response brightness	≈ 3 ... 80 lx
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	110 x 94 x 38 mm

- with LED detection and mode indicator
- with 3 operating modes: controller operation/2 h on/2 h off
- operating mode change by push-button (NC contact) in lead or wall-mounted or radio hand-held transmitter
- with 2 cable entries at bottom
- with fitting material
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Making current limiter	185	78

**i 954**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!

Switches on when a taught-in radio telegram, such as from radio controller system sensors, is received with the minimum response brightness level infringed and people detected.



DESIGN	ORDER NO.	PU
polar white, glossy	<b>175 09</b>	1



**Lithium block battery 9 V**

Output voltage	9 V=
Charging capacity	1.2 Ah

- replacement

SUITABLE FOR	ORDER NO.	PAGE
Radio controller surface-mounted	1 7401 09	749
Radio magnetic contact	9430 01 00	750

DESIGN	ORDER NO.	PU
Lithium block battery 9 V	<b>9219</b>	1



**PRESENCE DETECTORS**



**Radio presence detector surface-mounted**

Operating voltage	6 V=
Battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Recommended ceiling height	≈ 2.5 m
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 10 ... 2000 lx, ∞ lx (day)
Delay time, adjustable	≈ 2 min ... 1 h
Operating temperature	+0 ... +45 °C
Dimensions (Ø x assembling height)	103 x 42 mm

- not dependent on mains power
- energy saving by presence and brightness-controlled lighting control
- for the activation of max. 1 radio receiver
- constant light control only possible in conjunction with dim actuators or control units
- with fitting material
- with covers to limit the detection field

**i 954**

The required batteries 4 x Micro, alkaline (LR 03) are not in scope of delivery.

Only suitable for actuators with imprint release issue "R2".



DESIGN	ORDER NO.	PU
polar white matt	<b>1 8299 09</b>	1

**PHYSICAL SENSORS**



**Radio magnetic contact**

Operating voltage	9 V=
Alkaline battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Operating temperature	-5 ... +45 °C
Dimensions (L x W x H)	132 x 36 x 35 mm

- not dependent on mains power
- the channel can be assigned to any number of radio receivers
- for screw or adhesive fixing
- with fitting material
- with shim to compensate for differences in level

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Lithium block battery 9 V	9219	749

The required alkaline 9 V block battery (6LR61) is not in scope of delivery.

When the NO contact is open, sends a radio signal to a taught-in radio bus receiver.

Window controller according to according to German Combustion Ordinance (FeuV) §4



DESIGN	ORDER NO.	PU
polar white matt	<b>9430 01 00</b>	1

**FLUSH-MOUNTED TRANSMITTERS**



**Radio transmitter 2gang flush-mounted**

Operating voltage	230 V~
Frequency	50/60 Hz
Number of radio channels	2
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Line length	≈ 210 mm
Operating temperature	-20 ... +55 °C
Dimensions (Ø x H)	52 x 23 mm

- each channel can be assigned to any number of radio receivers
- depending on setting with the function as switch, push-button, dimmer or shutter transmitter
- 1 or 2-push-button operation concept selectable
- activation through e.g. series switch, series push-button, timer, RolloTec insert
- for installation behind flush-mounted inserts
- pre-assembled, with cables

**i 954**

Neutral conductor necessary!

The flush-mounted radio transmitter permits an existing installation to be upgraded by radio frequency transmission of control commands.



DESIGN	ORDER NO.	PU
grey matt	<b>124 10</b>	1

**Push-button interfaces**



**Radio button interface 4gang flush-mounted**

Operating voltage	3 V=
Battery service life [years]	≈ 3
Contact cleaner power pulse current	3 mA
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Line length	≈ 290 mm
Cable length extendable to	max. 5 m
Operating temperature	-20 ... +55 °C
Dimensions (Ø x H)	38 x 10 mm

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- function setting by 5 DIP-switches
- functions: 1- and 2-push-button operation for switching and dimming, shutter control, light scenes,
- with red transmit and battery status LED
- with lithium coin cell battery 3 V type: CR 2032
- with contact cleaner power pulse current for activation
- for installation behind flush-mounted inserts
- pre-assembled, with 4 cable pairs and plug
- to connect to max. 4 potential-free contacts

For battery-operated radio remote control of all assigned radio bus receivers.

SUITABLE FOR replacement	ORDER NO.	PAGE
Lithium coin cell battery 3 V	1857	593



DESIGN	ORDER NO.	PU
grey matt	<b>126</b>	1



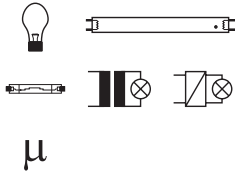
Radio bus

**SWITCHING ACTUATORS, FLUSH-MOUNTED/BUILT-IN**



**Radio switch actuator flush-mounted**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- in Duo circuit	1000 VA
- uncompensated	500 VA
- parallel compensated	400 VA
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	14
Operating temperature	-20 ... +55 °C
Line length	≈ 210 mm
Centre hole Ø	7.5 mm
Dimensions (Ø x H)	52 x 23 mm



- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off"
- with programming button and red programming LED
- potential-free contact for function extra-low voltage FELV (only change-over voltage) suitable
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b>		
Making current limiter	185	78

**i 954**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.  
Neutral conductor necessary!  
For remote-controlled switching of electrical loads.

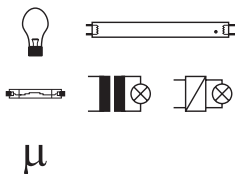


DESIGN	ORDER NO.	PU
grey matt	<b>179</b>	1



**Radio switch actuator 2gang flush-mounted**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps	350 W
230 V halogen lamps	300 W
Max. switching capacity per channel for	230 V~
Conventional transformers	350 VA
Electronic transformers	300 W
Fluorescent lamps:	
- uncompensated	350 VA
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	per channel 7
Operating temperature	-20 ... +55 °C
Line length	≈ 210 mm
Centre hole Ø	7.5 mm
Dimensions (Ø x H)	52 x 23 mm



- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off" per channel
- with programming button and two-colour programming LED
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b>		
Making current limiter	185	78

**i 954**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.  
Neutral conductor necessary!  
For remote-controlled switching of electrical loads.

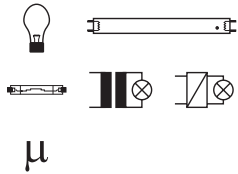


DESIGN	ORDER NO.	PU
grey matt	<b>129</b>	1





**Radio switch actuator built-in**



Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 VA
- uncompensated	1200 VA
- parallel compensated	920 VA
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
Operating temperature	-20 ... +55 °C
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>
Dimensions (L x W x H)	175 x 42 x 18 mm

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off"
- programming mode can be activated on device or via extension unit
- with programming button and red programming LED
- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- with screw terminals

<b>SUITABLE FOR optional</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Making current limiter	185	78

**i 954**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!

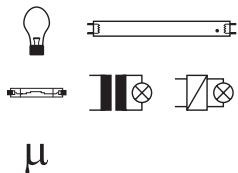
For remote-controlled switching of electrical loads.



DESIGN	ORDER NO.	PU
polar white matt	<b>125</b>	1



**Radio switch actuator for SCHUKO plugs**



Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- in Duo circuit	1000 W
- uncompensated	500 VA
- parallel compensated	400 W
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
Assembling height	34.5 mm
Fine-wire fuse	T 6.3 H 250 V
Operating temperature	-20 ... +55 °C
Dimensions (W x H x D)	70 x 136 x 72 mm

- with manual operation on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- with red monitoring/programming LED
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off"
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse

<b>SUITABLE FOR optional</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Making current limiter	185	78

**i 954**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

For remote-controlled switching of electrical loads.



DESIGN	ORDER NO.	PU
polar white matt	<b>1 7899 09</b>	1



Radio bus

# RADIO BUS - TRANSMITTERS AND ACTUATORS

PUSH-BUTTON ACTUATORS, FLUSH-MOUNTED / DIM ACTUATORS,  
FLUSH-MOUNTED/BUILT-IN



## PUSH-BUTTON ACTUATORS, FLUSH-MOUNTED

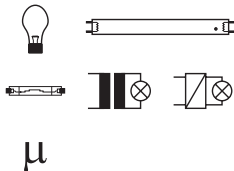


### Radio push-button actuator flush-mounted

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- in Duo circuit	1000 W
- uncompensated	500 VA
- parallel compensated	400 W
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	14
Scan length according to transmitter	max. 4 ... 12 s
Operating temperature	-20 ... +55 °C
Line length	≈ 210 mm
Centre hole Ø	7.5 mm
Dimensions (Ø x H)	52 x 23 mm

- with programming button and red programming LED
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Making current limiter	185	78



For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!

For remote-controlled button operation of electrical loads.

DESIGN	ORDER NO.	PU
grey	<b>179 50</b>	1

## DIM ACTUATORS, FLUSH-MOUNTED/BUILT-IN



### Radio universal dim actuator flush-mounted

Operating voltage	230 V~
Frequency	50/60 Hz
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 210 W
Dimmable conventional transformers	50 ... 210 VA
Electronic transformers	50 ... 210 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Line length	≈ 210 mm
Operating temperature	+0 ... +55 °C
Dimensions (Ø x H)	53 x 28 mm

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value
- with programming button and red programming LED
- installation in flush-mounted or splash-protected junction box
- short-circuit and overload proof (electronic fuse)
- pre-assembled, with cables

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Power booster built-in (R, L)	2869	63
Tronic power booster built-in (R, C)	2868	63

Trouble-free operation will be obtained only with Berker Tronic transformers.

Not suitable for universal power booster RMD Plus.

Do not connect conventional transformers together with electronic transformers.

For remote controlled switching and dimming of lighting.

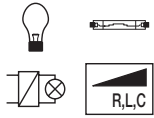
**i 954**



DESIGN	ORDER NO.	PU
grey, matt	<b>9455 02 00</b>	1



**Radio universal dim actuator EB**



Operating voltage	230 V~
Frequency	50/60 Hz
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 315 W
Dimmable conventional transformers	50 ... 315 VA
Electronic transformers	50 ... 315 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 300 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	187 x 28 x 28 mm

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value
- with programming button and red programming LED
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit 2-area and push-but.(NO) 1-push-but.operation conc.
- with screw terminals

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

For remote controlled switching and dimming of lighting.

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62
Tronic power booster built-in (R, C)	2868	63
Power booster built-in (R, L)	2869	63

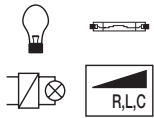
**i 954**



DESIGN	ORDER NO.	PU
polar white matt	<b>181</b>	1



**Radio universal corded dim actuator**



Operating voltage	230 V~
Frequency	50/60 Hz
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 315 W
Dimmable conventional transformers	50 ... 315 VA
Electronic transformers	50 ... 315 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	126 x 60 x 28 mm

- with manual operation on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value
- with programming button and red programming LED
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit 2-area and push-but.(NO) 1-push-but.operation conc.
- with screw terminals

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

Neutral conductor necessary!

For remote controlled switching and dimming of lighting.

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62
Power booster built-in (R, L)	2869	63
Tronic power booster built-in (R, C)	2868	63

**i 954**



DESIGN	ORDER NO.	PU
black glossy	<b>128</b>	1

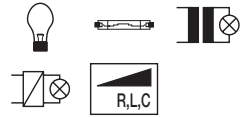




**Radio universal dim actuator for plugs**

Operating voltage	230/240 V~
Frequency	50/60 Hz
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Assembling height	34.5 mm
Fine-wire fuse	T 6.3 H 250 V
Operating temperature	+5 ... +35 °C
Dimensions (W x H x D)	70 x 136 x 72 mm

- with manual operation on(initial brightness)/off
- with manual operation on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- with red receive/programming LED
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off"
- with 5 light scenes for "on/off", dimming value
- short-circuit and overload proof (fine-wire fuse)



Trouble-free operation will be obtained only with Berker Tronic transformers.  
Do not connect conventional transformers together with electronic transformers.  
For remote controlled switching and dimming of lighting.

**i 954**



DESIGN	ORDER NO.	PU
polar white matt	<b>1 7810 09</b>	1

**1 - 10 V control units**



**Radio 1 - 10 V control unit built-in**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	8 A
Control current	15 mA
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	187 x 28 x 28 mm

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value
- e.g. for fluorescent lamps and LV halogen lamps
- with programming button and red programming LED
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with screw terminals

With excessive switch-on currents, use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Neutral conductor necessary!  
For remote controlled switching and dimming of lighting, according to DIN EN 61347-2-3

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b>		
Making current limiter	185	78

**i 954**



DESIGN	ORDER NO.	PU
polar white matt	<b>180</b>	1

**BLIND ACTUATORS, FLUSH-MOUNTED**



μ

**Radio blind actuator flush-mounted**

Operating voltage	230 V~	<ul style="list-style-type: none"> <li>■ light scenes only polled using radio transmitter</li> <li>■ with 5 light scenes for "open/close"</li> <li>■ with programming button and two-colour programming LED</li> <li>■ installation in flush-mounted or splash-protected junction box</li> <li>■ with electrical interlocking to prevent mutual switch on</li> <li>■ pre-assembled, with cables</li> </ul>
Frequency	50/60 Hz	
Switching capacity for max. 1 motor	700 W	
Radio reception frequency	433.42 MHz	
Number of teachable radio transmitters	14	
Lamella adjustment on signal duration	< 1 s	
Self-retaining for 2 min on signal length	> 1 s	<b>i 954</b>
Operating temperature	-20 ... +55 °C	
Line length	≈ 210 mm	
Dimensions (Ø x H)	52 x 23 mm	
Centre hole Ø	7.5 mm	

Neutral conductor necessary!  
For remote-controlled movement of blinds, awnings.



DESIGN	ORDER NO.	PU
grey	<b>127</b>	1

**RADIO SYSTEM, RMD**

**Radio receivers RMD**



**Radio receivers RMD**

Operating voltage	230 V~	<ul style="list-style-type: none"> <li>■ radio signals are prepared for transmission to the RMD data connection</li> <li>■ to improve the reception of external radio antenna RMD, can be plugged into SMB jack</li> <li>■ with screw terminals</li> <li>■ with screw terminals and plug-in terminals (EIB) for RMD data connection</li> </ul>																		
Frequency	50/60 Hz																			
Radio reception frequency	433.42 MHz																			
Radio reception range (free field)	max. 60 m																			
Receiver for [system devices]	max. 30																			
Operating temperature	+0 ... +45 °C																			
Assembling height as from DIN rail	61.5 mm	<table border="0"> <tr> <td><b>SUITABLE FOR</b></td> <td><b>ORDER NO.</b></td> <td><b>PAGE</b></td> </tr> <tr> <td>Switch actuators RMD</td> <td></td> <td>page 758</td> </tr> <tr> <td>DIM ACTUATORS RMD</td> <td></td> <td>page 759</td> </tr> <tr> <td>1 - 10 V control units RMD</td> <td></td> <td>page 759</td> </tr> <tr> <td>Blind actuators RMD</td> <td></td> <td>page 760</td> </tr> <tr> <td>Antenna for radio receiver RMD</td> <td>9490 01 00</td> <td>757</td> </tr> </table>	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>	Switch actuators RMD		page 758	DIM ACTUATORS RMD		page 759	1 - 10 V control units RMD		page 759	Blind actuators RMD		page 760	Antenna for radio receiver RMD	9490 01 00	757
<b>SUITABLE FOR</b>	<b>ORDER NO.</b>		<b>PAGE</b>																	
Switch actuators RMD			page 758																	
DIM ACTUATORS RMD			page 759																	
1 - 10 V control units RMD		page 759																		
Blind actuators RMD		page 760																		
Antenna for radio receiver RMD	9490 01 00	757																		
Width of rail mounted device (RMD)	2 TE																			
Dimensions (W x H x D)	36 x 90 x 68 mm																			
Neutral conductor necessary!																				

**i 962**

DESIGN	ORDER NO.	PU
light grey matt	<b>9405 01 00</b>	1

**Antenna for radio receiver RMD**

Radio reception frequency	433.42 MHz	<ul style="list-style-type: none"> <li>■ for metal distribution boxes and to increase the radio reception range</li> <li>■ installation on metal via magnetic base</li> <li>■ pre-assembled, with cable and SMB plug</li> </ul>
Radio reception range (free field)	max. 100 m	
Line length	≈ 2.5 m	
Dimensions (L x Ø base)	200 x 30.5 mm	

**i 962**



DESIGN	ORDER NO.	PU
black glossy	<b>9490 01 00</b>	1



Radio bus

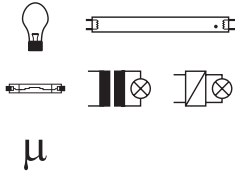
**Switch actuators RMD**



**Radio switch actuator RMD**

Operating voltage	230 V~
Frequency	50/60 Hz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 W
- uncompensated	1200 VA
- parallel compensated	920 W
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm <sup>2</sup>
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	36 x 90 x 68 mm

- with construction site function on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off"
- programming mode can be activated on device or via extension unit
- with programming button and red programming LED
- signals received via the RMD line are processed
- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection



<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Radio receivers RMD	9405 01 00	757
<b>optional</b>		
Making current limiter	185	78

**i 954**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Use only in conjunction with radio receiver RMD.

Neutral conductor necessary!  
For remote-controlled switching of electrical loads.



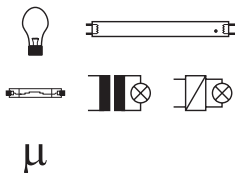
DESIGN	ORDER NO.	PU
light grey, matt	<b>9450 01 00</b>	1



**Radio switch actuator 4gang RMD**

Operating voltage	230 V~
Frequency	50/60 Hz
Number of teachable radio transmitters	per channel 30
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 W
- uncompensated	1200 VA
- parallel compensated	920 W
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm <sup>2</sup>
Assembling height as from DIN rail	63 mm
Width of rail mounted device (RMD)	4 TE
Dimensions (W x H x D)	72 x 90 x 70 mm

- with manual operation on/off per channel
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- with 4 red control/programming LEDs
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off" per channel
- suitable for different external conductors
- with potential-free NO contacts
- signals received via the RMD line are processed
- for switching, e.g. of 4 independent loads
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection



<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Radio receivers RMD	9405 01 00	757
<b>optional</b>		
Making current limiter	185	78

**i 962**

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Use only in conjunction with radio receiver RMD.

Neutral conductor necessary!  
For remote-controlled switching of electrical loads.



DESIGN	ORDER NO.	PU
light grey matt	<b>9450 02 00</b>	1

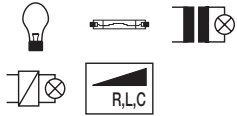
**DIM ACTUATORS RMD**



**Radio universal dim actuator RMD**

Operating voltage	230 V~
Frequency	50/60 Hz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 400 W
Dimmable conventional transformers	50 ... 400 VA
Electronic transformers	50 ... 400 W
Number of built-in/RMD Tronics or power boosters - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
With manual actuation, on/off	< 1 s
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm <sup>2</sup>
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	4 TE
Dimensions (W x H x D)	73 x 90 x 68 mm

- with construction site function on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value
- with programming button and red programming LED
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- signals received via the RMD line are processed
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection



Trouble-free operation will be obtained only with Berker Tronic transformers.  
Use only in conjunction with radio receiver RMD.  
Do not connect conventional transformers together with electronic transformers.  
For remote controlled switching and dimming of lighting.

SUITABLE FOR	ORDER NO.	PAGE
Radio receivers RMD	9405 01 00	757
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62
Power booster built-in (R, L)	2869	63
Tronic power booster built-in (R, C)	2868	63

**i 954**



DESIGN	ORDER NO.	PU
light grey matt	<b>9455 01 00</b>	1

**1 - 10 V control units RMD**



**Radio 1 - 10 V control unit RMD**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	8 A
Control current	15 mA
Number of teachable radio transmitters	30
With manual actuation, on/off	< 1 s
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm <sup>2</sup>
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	4 TE
Dimensions (W x H x D)	73 x 90 x 68 mm

- with manual operation on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value
- e.g. for fluorescent lamps and LV halogen lamps
- with programming button and red programming LED
- signals received via the RMD line are processed
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

With excessive switch-on currents, use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Neutral conductor necessary!  
Use only in conjunction with radio receiver RMD.

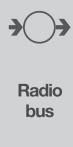
For remote controlled switching and dimming of lighting, according to DIN EN 61347-2-3

SUITABLE FOR	ORDER NO.	PAGE
Radio receivers RMD	9405 01 00	757
<b>optional</b>		
Making current limiter	185	78

**i 954**



DESIGN	ORDER NO.	PU
light grey matt	<b>9465 01 00</b>	1



**Blind actuators RMD**



**Radio blind actuator RMD**

Operating voltage	230 V~	■ with construction site function up/down
Frequency	50/60 Hz	■ light scenes only polled using radio transmitter
Switching capacity for max. 1 motor	700 W	■ with 5 light scenes for "open/close"
Number of teachable radio transmitters	14	■ with programming button and two-colour programming LED
With manual actuation, up/stop/down	< 1 s	■ signals received via the RMD line are processed
Lamella adjustment on signal duration	< 1 s	■ with electrical interlocking to prevent mutual switch on
Self-retaining for 2 min on signal length	> 1 s	■ with screw terminals
Operating temperature	+0 ... +45 °C	■ with screw terminals and plug-in terminals (EIB) for RMD data connection
Conductor cross-section (rigid)	1.5 ... 4 mm <sup>2</sup>	
Assembling height as from DIN rail	61.5 mm	
Width of rail mounted device (RMD)	2 TE	
Dimensions (W x H x D)	36 x 90 x 68 mm	

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Radio receivers RMD	9405 01 00	757

**i 954**

Use only in conjunction with radio receiver RMD.  
Neutral conductor necessary!  
For remote-controlled movement of blinds, awnings.



DESIGN	ORDER NO.	PU
light grey matt	<b>9460 01 00</b>	1

**SUPPLEMENTARY PRODUCTS**



**Radio signal amplifier surface-mounted**

Operating voltage	230 V~	■ max. 1 radio signal amplifier/transmission circuit
Frequency	50/60 Hz	■ only taught-in radio transmitters are amplified
Number of radio channels	60	■ to increase the radio range
Radio transmission/reception frequency	433.42 MHz	■ with red receive and green transmission indicator LED
Radio transmission power	< 10 mW	■ including white mains cable with Euro-plug
Radio transmission/reception range (free field)	max. 100 m	■ with 2 cable entries
Operating temperature	-20 ... +55 °C	■ with fitting material
Network cable length	1.5 m	■ with screw terminals
Dimensions (W x H x D)	110 x 94 x 38 mm	

**i 956**

Neutral conductor necessary!  
The radio signal amplifier receives and sends out radio signals from taught-in transmitters at maximum transmission power.



DESIGN	ORDER NO.	PU
polar white glossy	<b>177 09</b>	1



**Lithium block battery 9 V**

Output voltage	9 V=	■ replacement
Charging capacity	1.2 Ah	

DESIGN	ORDER NO.	PU
Lithium block battery 9 V	<b>9219</b>	1





KNX RADIO



**B.**  
Berker

LIGHT CONTROL	765-771
MOTION DETECTORS	772-777
BLIND CONTROL	777-779
TRANSMITTERS	779-783
SENSORS	783-7784
BINARY INPUTS	784-785
SWITCH ACTUATORS	785-787
DIM ACTUATORS	788
BLIND ACTUATORS	788-789
KNX RADIO APPLICATION MODULE	
POWER SUPPLY	789
GATEWAYS	790

The new electronics platform consists, on the one hand, of conventional solutions (switching, dimming and blind functions), which are described in the chapter Light Control, Motion Detector and Blind Control. On the other hand, this platform can be expanded further using the radio applications shown here. In this way, for example, a flush-mounted dimmer can be turned into a remote control solution by attaching a radio button.

The special feature is that both the radio application modules and all the flush-mounted radio devices use the KNX radio standard. This means that a tried-and-trusted and secure radio technology is used, which allows many different types of commissioning.

The radio transmitters and receivers of the new electronics platform can be taught in easily using buttons and LEDs - as it were, at the touch of a button (quicklink). This simple type of commissioning is particularly suited to small and medium-sized systems, in which the applications communicate with each other solely by means of radio.

The solutions with integrated KNX radio technology are extremely beneficial when systems become larger or more complex, because, in this case, the radio products can be connected to a two-wire KNX system using a media coupler.

This means that the new electronics platform stands for both function, demanding radio applications, as well as for an offer where the sky is the limit, providing full output when combined with standard KNX systems.

ETS applications, which are loaded into the media coupler, are available for including the radio products.

- Quicklink commissioning using buttons and LED displays
- Configuration of multiple devices simultaneously as transmitters and receivers
- Integration in the KNX bus system using the KNX radio media coupler
- Start of the new system in the innovative R.1/R.3 design

Note: the products are not compatible with the radio bus system!

		Covers						
		KNX radio button, 1-gang, quicklink	KNX radio button, 2-gang, quicklink	KNX radio button, 4-gang, quicklink	KNX radio motion detector, comfort quicklink 1.1 m and 2.2 m	KNX radio timer, quicklink	KNX radio blind button quicklink	KNX radio blind time switch, quicklink
Inserts	ORDER NO.	8514 51 xx	8514 61 xx	8564 81 xx	8534 51 xx 8534 61 xx	8574 52 xx	8524 51 xx	8574 11 xx
Universal switch insert, 1-gang 	8512 11 00	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			
Relay insert 	8512 12 00	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Touch dimmer (R, L) 	8542 11 00	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			
Universal touch dimmer, 1-gang 	8542 12 00	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			
Universal switch insert, 2-gang 	8512 22 00		<input type="checkbox"/>	<input type="checkbox"/>				
Universal touch dimmer, 2-gang 	8542 21 00		<input type="checkbox"/>	<input type="checkbox"/>				
Blind insert comfort 	8522 11 00						<input type="checkbox"/>	<input type="checkbox"/>
Power supply for radio applica- tion module 	8502 01 00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**LIGHT CONTROL**

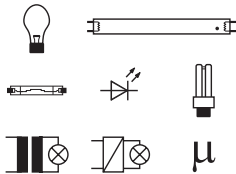
**Switch inserts**

**NEW**



**Relay insert**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA/channel
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronic ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Minimum contact load	≈ 15 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm



- low intrinsic energy requirement
- also usable as push-button relay switch
- automatic setting to dimmable loads (autoDetect process)
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
KNX radio button 1gang quicklink	8514 51 ..	768
KNX radio button 4gang quicklink	8564 81 ..	769

Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



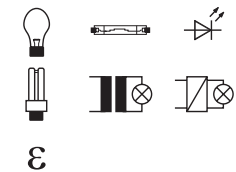
DESIGN	ORDER NO.	PU
Relay insert	<b>* 8512 12 00</b>	1

**NEW**



**Switch insert 1gang**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm



- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
KNX radio button 1gang quicklink	8514 51 ..	768
KNX radio button 4gang quicklink	8564 81 ..	769
KNX radio motion detector comfort 1.1 m quicklink	8534 51 ..	774
KNX radio motion detector comfort 2.2 m quicklink	8534 61 ..	775
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Switch insert 1gang	<b>* 8512 11 00</b>	1

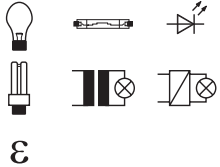


NEW



### Switch insert 2gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 1 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 54 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm



- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
KNX radio button 2gang quicklink	8514 61 ..	769
KNX radio button 4gang quicklink	8564 81 ..	769

Do not connect inductive and capacitive loads jointly.  
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Switch insert 2gang	★ 8512 22 00	1

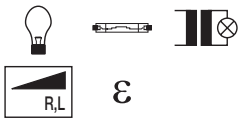
### Dimmer inserts

NEW



### Touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm



- low intrinsic energy requirement
- switch-on brightness level can be stored safe after power failure
- bulb-preserving soft startup
- phase cut-on
- short-circuit and overload proof (electronic fuse)
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
KNX radio button 1gang quicklink	8514 51 ..	768
KNX radio button 4gang quicklink	8564 81 ..	769
KNX radio motion detector comfort 1.1 m quicklink	8534 51 ..	774
KNX radio motion detector comfort 2.2 m quicklink	8534 61 ..	775
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



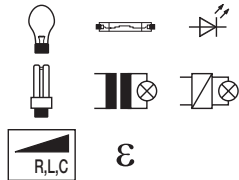
DESIGN	ORDER NO.	PU
Touch dimmer (R, L)	★ 8542 11 00	1



**Universal touch dimmer 1gang**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Quantity LED lamps	max. 8
Quantity energy-saving lamps	max. 8
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals



SUITABLE FOR	ORDER NO.	PAGE
KNX radio button 1gang quicklink	8514 51 ..	768
KNX radio button 4gang quicklink	8564 81 ..	769
KNX radio motion detector comfort 1.1 m quicklink	8534 51 ..	774
KNX radio motion detector comfort 2.2 m quicklink	8534 61 ..	775
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62

Do not connect inductive and capacitive loads jointly.  
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



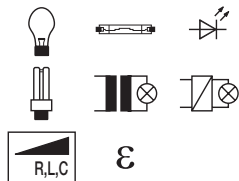
DESIGN	ORDER NO.	PU
Universal touch dimmer 1gang	<b>* 8542 12 00</b>	1



**Universal touch dimmer 2gang**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption, standby (Channel 1/Channel 2)	0,3/0,7 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 40 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Quantity LED lamps	max. 8
Quantity energy-saving lamps	max. 8
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- with screw terminals



SUITABLE FOR	ORDER NO.	PAGE
KNX radio button 2gang quicklink	8514 61 ..	769
KNX radio button 4gang quicklink	8564 81 ..	769

Do not connect inductive and capacitive loads jointly per series.  
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Universal touch dimmer 2gang	<b>* 8542 21 00</b>	1



Buttons for switches/dimmers

NEW



**KNX radio button 1gang quicklink**

Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C

For manual actuation or remote control via KNX radio.

- low intrinsic energy requirement
- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, forced control
- LED application module/insert compatibility display
- with configuration and function LEDs
- with configuration and function button
- operating areas configurable as one or two-area operation
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- scene saving lockable
- top and bottom operating area on 1gang switching/dimming inserts and network insert are freely configurable
- toolless quicklink configuration using buttons and LED display

SUITABLE FOR	ORDER NO.	PAGE
Mains insert for KNX radio application module	8502 01 00	789
Switch insert 1gang	8512 11 00	51
Relay insert	8512 12 00	51
Touch dimmer (R, L)	8542 11 00	53
Universal touch dimmer 1gang	8542 12 00	53

**i 952**

DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy <sup>1)</sup>	★ <b>8514 51 39</b>	1
black glossy <sup>1)</sup>	★ <b>8514 51 31</b>	1



<sup>1)</sup>



**NEW**



**KNX radio button 2gang quicklink**

Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C

For manual actuation or remote control via KNX radio.

- low intrinsic energy requirement
- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, forced control
- LED application module/insert compatibility display
- with configuration and function LEDs
- with configuration and function button
- operating areas configurable as one or two-area operation
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- scene saving lockable
- top and bottom operating areas on 2gang switching/dimming inserts and network insert are freely configurable
- toolless quicklink configuration using buttons and LED display

SUITABLE FOR	ORDER NO.	PAGE
Mains insert for KNX radio application module	8502 01 00	789
Switch insert 2gang	8512 22 00	52
Universal touch dimmer 2gang	8542 21 00	54

**i 952**

DESIGN

**Berker R.1/R.3**

DESIGN	ORDER NO.	PU
polar white glossy <sup>1)</sup>	* 8514 61 39	1
black glossy <sup>1)</sup>	* 8514 61 31	1



**NEW**



**KNX radio button 4gang quicklink**

Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C

Extended operating options on 1gang inserts through 2 additional, freely-configurable radio channels.

For manual actuation or remote control via KNX radio.

- low intrinsic energy requirement
- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, forced control
- LED application module/insert compatibility display
- with configuration and function LEDs
- with configuration and function button
- operating areas configurable as one or two-area operation
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- scene saving lockable
- toolless quicklink configuration using buttons and LED display

SUITABLE FOR	ORDER NO.	PAGE
Mains insert for KNX radio application module	8502 01 00	789

**i 952**

DESIGN

**Berker R.1/R.3**

DESIGN	ORDER NO.	PU
polar white glossy <sup>1)</sup>	* 8564 81 39	1
black glossy <sup>1)</sup>	* 8564 81 31	1



**Timers**

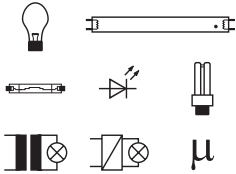
**NEW**



**Relay insert**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA/channel
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electrical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Minimum contact load	≈ 15 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

- low intrinsic energy requirement
- also usable as push-button relay switch
- automatic setting to dimmable loads (autoDetect process)
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Relay insert	★ 8512 12 00	1

**NEW**



**KNX radio timer quicklink**

**- Display**



Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Astronomic time shift	± 2 h
Random number generator	± 15 min
Running accuracy	± 3 min/year
Power reserve	≈ 24 h
Number of switching times for on/off	20
Operating temperature	-5 ... +45 °C

Control using device buttons, radio transmitters and programmed switching times.

- low intrinsic energy requirement
- 2 independent preset programme memories, individually adaptable
- with switchover manual/automatic mode
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the switching times in automatic operation
- standalone programme, radio and extension unit commands are not executed
- configurable transmission and/or reception behaviour
- with keylock
- party function, no execution of automatic, radio and extension unit commands (switch protection)
- reset function (to factory setting)
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, scene loading, time dimming value, push-button, status display
- with automatic summer-/winter time switching (can be switched off)
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- menu guidance available in German, English or French

SUITABLE FOR	ORDER NO.	PAGE
Mains insert for KNX radio application module	8502 01 00	789

**i 952**

DESIGN

ORDER NO.

PU

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>* 8574 52 39</b>	1
black glossy <sup>1)</sup>	<b>* 8574 52 31</b>	1

<sup>1)</sup>



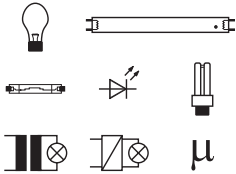
MOTION DETECTORS

NEW



**Relay insert**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA/channel
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electrical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Minimum contact load	≈ 15 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Housing installation depth	22 mm
Claw guidance installation depth	32 mm



- low intrinsic energy requirement
- also usable as push-button relay switch
- automatic setting to dimmable loads (autoDetect process)
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



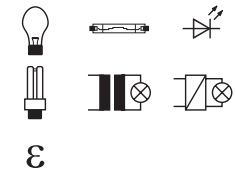
DESIGN	ORDER NO.	PU
Relay insert	★ 8512 12 00	1

NEW



**Switch insert 1gang**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm



- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Switch insert 1gang	★ 8512 11 00	1

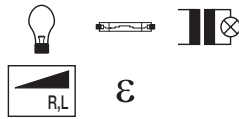
<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
optional Universal power booster Plus RMD	1 6599 01	62



**Touch dimmer (R, L)**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm

- low intrinsic energy requirement
- switch-on brightness level can be stored safe after power failure
- bulb-preserving soft startup
- phase cut-on
- short-circuit and overload proof (electronic fuse)
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals



SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



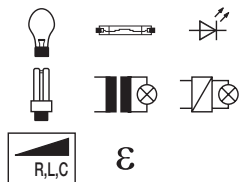
DESIGN	ORDER NO.	PU
Touch dimmer (R, L)	★ <b>8542 11 00</b>	1



**Universal touch dimmer 1gang**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Quantity LED lamps	max. 8
Quantity energy-saving lamps	max. 8
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals



SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62

Do not connect inductive and capacitive loads jointly.  
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Universal touch dimmer 1gang	★ <b>8542 12 00</b>	1



**NEW**



**KNX radio motion detector comfort 1.1 m quicklink**

Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Delay time, adjustable	≈ 1 s ... 3 h
Nominal mounting height	1.1 m
Detection angle, settable	each side ≈ 45 ... 90 °
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Detection field, rectangular shaped	≈ 12 x 16 m
Switch-off pre-warning to dimming value 50% for	30 s
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- reset function (to factory setting)
- switch-off pre-warning on dimmer inserts
- quicklink functions: memory, forced control, master-slave
- quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, movement scene loading, no movement scene loading
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with configuration and function LEDs
- with configuration and function button
- with button for on/off/automatic/memory/party function
- remote control via quicklink transmitter
- scene opening via KNX radio appliances
- scene saving lockable
- µ-processor controlled mode of operation
- optional operation of extension units using installation push-button

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

SUITABLE FOR	ORDER NO.	PAGE
Mains insert for KNX radio application module	8502 01 00	789

**i 952**

DESIGN ORDER NO. PU

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	★ <b>8534 51 39</b>	1
black glossy <sup>1)</sup>	★ <b>8534 51 31</b>	1

<sup>1)</sup>



**NEW**



**KNX radio motion detector comfort 2.2 m quicklink**

Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Delay time, adjustable	≈ 1 s ... 3 h
Nominal mounting height	2.2 m
Detection angle, settable	each side ≈ 45 ... 90 °
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Range, frontal	≈ 8 m
Range, frontal (at 1.1 m installation height)	≈ 4 m
Range, side	each ≈ 6 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Detection field, rectangular shaped	≈ 8 x 12 m
Switch-off pre-warning to dimming value 50% for	30 s
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- reset function (to factory setting)
- switch-off pre-warning on dimmer inserts
- quicklink functions: memory, forced control, master-slave
- quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, movement scene loading, no movement scene loading
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with configuration and function LEDs
- with configuration and function button
- with button for on/off/automatic/memory/party function
- remote control via quicklink transmitter
- scene opening via KNX radio appliances
- scene saving lockable
- µ-processor controlled mode of operation
- optional operation of extension units using installation push-button

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Mains insert for KNX radio application module	8502 01 00	789

**i 952**

DESIGN ORDER NO. PU

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	* 8534 61 39	1
black glossy <sup>1)</sup>	* 8534 61 31	1



Motion detector surface-mounted

NEW



IK04 IP55

**KNX radio motion detector 220° surface-mounted**

Operating voltage	4.5 V=
Battery service life [years]	≈ 4
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Delay time, adjustable	≈ 1 s ... 3 h
Lockout time	10 s
Recommended installation height	≈ 2.5 m
Detection angle	220 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Range, frontal	≈ 16 m
Range, side	each ≈ 8 m
Detection field, semi-oval shaped	≈ 16 x 16 m
Operating temperature	-20 ... +55 °C
Dimensions (W x H x D)	91 x 130 x 153 mm

- low intrinsic energy requirement
- reset function (to factory setting)
- quicklink functions: time switching, NO contact push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, movement scene loading, no movement scene loading
- with battery status indicator
- with configuration LED
- with LED detection indicator
- with configuration button
- µ-processor controlled mode of operation
- with crawl-under protection
- with 3 Micro, alkaline batteries AAA LR03
- toolless quicklink configuration using buttons and LED display
- for wall and ceiling installation, corner installation with adapter
- vertically slewing and horizontally rotating
- with cover elements to limit the detection field
- wall retaining plate and fastening material included in scope of delivery

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Surface-mounted corner mounting adapter for motion detector	8590 02 00	777

**i 952**



DESIGN	ORDER NO.	PU
polar white matt	★ <b>8536 51 00</b>	1

NEW



IK04 IP55

**KNX radio motion detector 220° solar**

Operating voltage	4.5 V=
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Delay time, adjustable	≈ 1 s ... 3 h
Lockout time	10 s
Recommended installation height	≈ 2.5 m
Detection angle	220 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Range, frontal	≈ 16 m
Range, side	each ≈ 8 m
Detection field, semi-oval shaped	≈ 16 x 16 m
Operating temperature	-20 ... +55 °C
Dimensions (W x H x D)	91 x 130 x 153 mm

- low intrinsic energy requirement
- reset function (to factory setting)
- quicklink functions: time switching, NO contact push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, movement scene loading, no movement scene loading
- with configuration LED
- with LED detection indicator
- with configuration button
- µ-processor controlled mode of operation
- with crawl-under protection
- toolless quicklink configuration using buttons and LED display
- not dependent on mains power
- for wall and ceiling installation, corner installation with adapter
- vertically slewing and horizontally rotating
- with cover elements to limit the detection field
- wall retaining plate and fastening material included in scope of delivery

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Surface-mounted corner mounting adapter for motion detector	8590 02 00	777

**i 952**



DESIGN	ORDER NO.	PU
polar white matt	★ <b>8536 52 00</b>	1



**NEW**



**KNX radio motion detector 220° surface-mounted/switch actuator 1gang surface-mounted set**

- low intrinsic energy requirement
- the motion detector (transmitter) and switch actuator (receiver) are pre-configured for joint use
- set consists of KNX radio controller 220°, surface-mounted (order no. 8536 51 00) and switch actuator, 1gang, surface-mounted (order no. 8516 51 00)

DESIGN	ORDER NO.	PAGE
polar white matt/white	* 8536 51 99	1

SUITABLE FOR	ORDER NO.	PAGE
optional Surface-mounted corner mounting adapter for motion detector	8590 02 00	777

**NEW**



**Surface-mounted corner mounting adapter for motion detector**

- for mounting, e.g. on building corners

DESIGN	ORDER NO.	PAGE
polar white matt	* 8590 02 00	1

SUITABLE FOR	ORDER NO.	PAGE
KNX radio motion detector 220° surface-mounted	8536 5 ..	776

**BLIND CONTROL**

**NEW**



**Blind insert comfort**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current (ohmic\inductive)	max. 5 A
Switching current at cos φ = 0.6	max. 3 A
Power consumption (standby)	< 0.1 W
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm <sup>2</sup>
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

- low intrinsic energy requirement
- with 2 mechanically and electrically mutually-locked relay contacts
- with 230 V extension unit inputs for up and down
- for single, group and master controls
- no conductive connection between supporting ring and spreading claws
- circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
- with screw terminals

μ



DESIGN	ORDER NO.	PAGE
Blind insert comfort	* 8522 11 00	1



**NEW**



**KNX radio blind button quicklink**

Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	
Radio transmission range (building)	max. 30 m
Venetian blind movement time	2 min
Minimum slat adjustment time	≈ 150 ms
Lamella adjustment on signal duration	< 1 s
Lamella adjustment on button-press	< 0.4 s
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C

For manual actuation, automated memory execution or remote control via KNX radio.

- low intrinsic energy requirement
- memory function for automatic execution of learned up and down times with position
- configurable transmission and/or reception behaviour
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- quicklink functions: blind, 2 scenes, memory, forced control, up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
- LED application module/insert compatibility display
- with configuration and function LEDs
- with status LED for memory and party function, red/orange
- with configuration and function button
- scene opening via KNX radio appliances
- slat position storable for scene
- toolless quicklink configuration using buttons and LED display
- sun protection and twilight-controlled lowering with radio brightness sensor
- with imprinted symbol arrows

SUITABLE FOR	ORDER NO.	PAGE
Mains insert for KNX radio application module	8502 01 00	789
<b>optional</b>		
KNX radio brightness sensor	8580 11 00	783

**i 952**

DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy <sup>1)</sup>	★ 8524 51 39	1
black glossy <sup>1)</sup>	★ 8524 51 31	1



<sup>1)</sup>

**NEW**



**KNX radio blind time switch quicklink**

**- Display**



Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Running time	2 min
Astronomic time shift	± 2 h
Random number generator for holiday program	± 15 min
Running accuracy	± 3 min/year
Power reserve	≈ 24 h
Number of operation times for up/down	20/day
Minimum slat adjustment time	≈ 150 ms
Lamella adjustment on signal duration	< 1 s
Lamella adjustment on button-press	< 0.5 s
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C

Control using device buttons, radio transmitters and programmed switching times.

- low intrinsic energy requirement
- 2 independent preset programme memories, individually adaptable
- with switchover manual/automatic mode
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- standalone programme, radio and extension unit commands are not executed
- configurable transmission and/or reception behaviour
- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- quicklink functions for integration into the individual, group and master control of blinds/shutters
- quicklink functions: blind, 2 scenes, forced control, up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with automatic summer-/winter time switching (can be switched off)
- scene opening via KNX radio appliances
- slat position storable for scene
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- menu guidance available in German, English or French
- sun protection and twilight-controlled lowering with radio brightness sensor

SUITABLE FOR	ORDER NO.	PAGE
Mains insert for KNX radio application module	8502 01 00	789
<b>optional</b>		
KNX radio brightness sensor	8580 11 00	783

**i 952**

DESIGN

**Berker R.1/R.3**

	ORDER NO.	PU
polar white glossy <sup>1)</sup>	<b>* 8574 51 39</b>	1
black glossy <sup>1)</sup>	<b>* 8574 51 31</b>	1



**TRANSMITTERS**

**Hand-held transmitter**

**NEW**



**KNX radio hand-held transmitter 2-channel**

**- Labelling field**



Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	2
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-10 ... +45 °C
Dimensions (L x W x H)	83 x 46.5 x 15.8 mm

For radio remote control of all assigned KNX radio receivers.

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with configuration button
- with side locking buttons
- with 2 x lithium coin cell battery 3 V type: CR 2430
- with keyring

**i 952**

DESIGN

polar white/grey, glossy/matt

ORDER NO.

**\* 8560 51 00**

PU

1





**KNX radio hand-held transmitter 4-channel**

**- Labelling field**



Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	4
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-10 ... +45 °C
Dimensions (L x W x H)	83 x 46.5 x 15.8 mm

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with configuration button
- with side locking buttons
- with 2 x lithium coin cell battery 3 V type: CR 2430
- with keyring

**i 952**

For radio remote control of all assigned KNX radio receivers.



DESIGN	ORDER NO.	PU
polar white/grey, glossy/matt	<b>* 8560 61 00</b>	1



**KNX radio hand-held transmitter 6-channel**

**- Labelling field**



Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	6
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	+0 ... +45 °C
Dimensions (L x W x H)	133.6 x 50.2 x 16 mm

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with 2 x lithium coin cell battery 3 V type: CR 2430

**i 952**

For radio remote control of all assigned KNX radio receivers.



DESIGN	ORDER NO.	PU
polar white velvety	<b>* 8560 71 00</b>	1



**KNX radio hand-held transmitter 18-channel**

**- Labelling field**



Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	18
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	+0 ... +45 °C
Dimensions (L x W x H)	133.6 x 50.2 x 16 mm

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with 2 x lithium coin cell battery 3 V type: CR 2430
- with channel group slide switch
- with movement and actuation-dependent labelling field illumination

**i 952**

For radio remote control of all assigned KNX radio receivers.



DESIGN	ORDER NO.	PU
white/dark blue	<b>* 8560 81 00</b>	1

**Wall-transmitters**

**NEW**



**KNX radio wall-transmitter 1gang flat quicklink**

Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C
Assembling height	14 mm

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with configuration button
- operating areas configurable as one or two-area operation
- with lithium coin cell battery 3 V type: CR 2430
- top and bottom operating area are freely configurable
- toolless quicklink configuration using buttons and LED display
- for flat surface mounting and extension of combinations

**i 952**

DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy <sup>1)</sup>	<b>* 8565 52 39</b>	1
black glossy <sup>1)</sup>	<b>* 8565 52 31</b>	1



NEW



**KNX radio wall-transmitter 2gang flat quicklink**

Operating voltage	3 V=
Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C
Assembling height	14 mm

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with configuration button
- operating areas configurable as one or two-area operation
- with lithium coin cell battery 3 V type: CR 2430
- top and bottom operating areas are freely configurable
- toolless quicklink configuration using buttons and LED display
- for flat surface mounting and extension of combinations

For radio remote control of all assigned KNX radio receivers.

**i 952**

DESIGN

ORDER NO.

PU

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>* 8565 62 39</b>	1
black glossy <sup>1)</sup>	<b>* 8565 62 31</b>	1



NEW



**KNX radio wall-transmitter 1gang flat solar quicklink**

Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Required Ø brightness	min. 300 lx 6 h/day
Operating temperature	-5 ... +45 °C
Assembling height	14 mm

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with configuration button
- operating areas configurable as one or two-area operation
- power supply via solar cells
- top and bottom operating area are freely configurable
- toolless quicklink configuration using buttons and LED display
- for flat surface mounting and extension of combinations

For radio remote control of all assigned KNX radio receivers.

**i 952**

DESIGN

ORDER NO.

PU

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>* 8565 51 39</b>	1
black glossy <sup>1)</sup>	<b>* 8565 51 31</b>	1



**NEW**



**KNX radio wall-transmitter 2gang flat solar quicklink**

Operating voltage	3 V=
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Required Ø brightness	min. 300 lx 6 h/day
Operating temperature	-5 ... +45 °C
Assembling height	14 mm

For radio remote control of all assigned KNX radio receivers.

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with configuration button
- operating areas configurable as one or two-area operation
- power supply via solar cells
- with anti-dismantling protection
- top and bottom operating areas are freely configurable
- toolless quicklink configuration using buttons and LED display
- for flat surface mounting and extension of combinations

**i 952**

DESIGN

ORDER NO.

PU

**Berker R.1/R.3**

polar white glossy	<b>* 8565 61 39</b>	1
black glossy	<b>* 8565 61 31</b>	1



**SENSORS**

**NEW**



**KNX radio brightness sensor**

Battery service life [years]	≈ 4
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Sun setting range	≈ 1 ... 10 klx
Twilight setting range	≈ 10 ... 300 lx
Operating temperature	+0 ... +50 °C
Fibre optic cable, sensor cable length	≈ 1.5 m
Dimensions (L x W x H)	138 x 26 x 31 mm
Weight	≈ 70 g

- reset function (to factory setting)
- quicklink functions: up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with 2 potentiometers for sun/twilight and LED display for actual value
- with configuration LED
- with configuration button
- with 2 Micro, alkaline batteries AAA LR03
- toolless quicklink configuration using buttons and LED display
- confectioned, with fibre-optic cable and plug
- for suction cover to window pane
- with photodiode
- with adhesive pads and adhesive cable clips for fastening

SUITABLE FOR	ORDER NO.	PAGE
KNX radio blind button quicklink	8524 51 ..	778
KNX radio blind time switch quicklink	8574 51 ..	779

**i 952**

DESIGN

ORDER NO.

PU

polar white matt	<b>* 8580 11 00</b>	1
------------------	---------------------	---



**NEW**



**KNX radio magnetic contact**

Battery service life [years]	≈ 4
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	+0 ... +50 °C
Distance to magnet	max. 5 mm
Dimensions (L x W x H)	138 x 26 x 31 mm
Weight	≈ 70 g

- reset function (to factory setting)
- quicklink functions: switching, blind, 2 scenes, time switching, NO contact push-button, forced control
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with configuration LED
- with transmission status, battery status and control LEDs
- with configuration button
- with 2 Micro, alkaline batteries AAA LR03
- toolless quicklink configuration using buttons and LED display
- with adapters for magnet height compensation
- with adhesive pads for fastening
- with additional screw terminals for reed contacts

**i 952**



DESIGN	ORDER NO.	PU
polar white matt	★ <b>8580 12 00</b>	1

**BINARY INPUTS**

**NEW**



**KNX radio binary input 2gang flush-mounted**

Operating voltage	3 V=
Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Pulse time	min. 50 ms
Operating temperature	-5 ... +45 °C
Cable length extendable to	
Dimensions (Ø x H)	51 x 16 mm

- low intrinsic energy requirement
- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory, forced control, up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- with configuration LED
- with configuration button
- with lithium battery 3 V type: CR 1/2 AA
- toolless quicklink configuration using buttons and LED display
- inputs, freely configurable
- not dependent on mains power
- activation, for example through switches, push-buttons, timers, blind timer switches, magnetic contact
- confectioned, with 4-core cable and plug
- for installation behind flush-mounted inserts
- for connection to max. 2 potential-free contacts

SUITABLE FOR	ORDER NO.	PAGE
Berker TS Crystal		page 589
Crystal Ball	1685 78	590
Push-button, NO contact	1811 1 ..	588

**i 952**



DESIGN	ORDER NO.	PU
light grey	★ <b>8587 61 00</b>	1





**KNX radio binary input 2gang flush-mounted 230 V**

Operating voltage	230 V~	■ low intrinsic energy requirement
Frequency	50/60 Hz	■ reset function (to factory setting)
Radio transmission frequency	868.3 MHz	■ quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory, forced control, up/down push-button
Radio protocol	KNX Radio	■ integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
Transmitter duty cycle	1 %	■ ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
Receiver category	2	■ with configuration LED
Number of radio channels	2	■ with configuration button
Number of quicklink links	max. 20 transmitter/receiver	■ toolless quicklink configuration using buttons and LED display
Radio transmission power	< 10 mW	■ inputs, freely configurable
Radio transmission range (free field)	max. 100 m	■ activation, for example through switches, push-buttons, timers, blind timer switches, magnetic contact
Radio transmission range (building)	max. 30 m	■ confectioned, with 4-core cable and plug
Pulse time	min. 50 ms	■ for installation behind flush-mounted inserts
Operating temperature	-5 ... +45 °C	■ with screw terminals
Cable length extendable to		
Conductor cross-section	0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>	
Dimensions (Ø x H)	53 x 27 mm	

**i 952**



DESIGN

ORDER NO.

PU

light grey

**\* 8587 62 00**

1

**SWITCH ACTUATORS**



**KNX radio switch actuator 1gang surface-mounted**

Operating voltage	230 V~	■ low intrinsic energy requirement
Switching current	10 A/230 V AC1 A	■ repeat function can be activated to increase the radio range
Frequency	50 Hz	■ reset function (to factory setting)
230 V incandescent lamps and halogen lamps	1500 W	■ quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
Fluorescent lamps:		■ integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- uncompensated	600 VA	■ ETS additional functions: +6 scenes, operating mode on/off, status display
- with electronical ballast (EB)	6 x 58 W	■ with control LED for On/Off
Compact fluorescent lamps	6 x 18 W	■ with manual operation on/off
Conventional transformers	600 VA	■ scene opening via KNX radio appliances
Electronic transformers	600 W	■ scene saving lockable
Radio reception frequency	868.3 MHz	■ toolless quicklink configuration using buttons and LED display
Radio protocol	KNX Radio	■ with screw terminals
Transmitter duty cycle	1 %	
Receiver category	2	
Number of quicklink links	max. 20 transmitter/receiver	
Operating temperature	-10 ... +55 °C	
Dimensions (L x W x H)	150 x 85 x 35 mm	

**i 952**



DESIGN

ORDER NO.

PU

white

**\* 8516 51 00**

1



**IP55**

**KNX radio switch actuator 2gang surface-mounted**

Operating voltage	230 V~
Switching current	2x 10 A/230 V AC-1 A
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	per channel 1500 W
Fluorescent lamps:	
- uncompensated	per channel 600 VA
- with electronic ballast (EB)	per channel 6 x 58 W
Compact fluorescent lamps	per channel 18 W
Conventional transformers	per channel 600 VA
Electronic transformers	per channel 600 W
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of quicklink links	max. 20 transmitter/receiver
Operating temperature	-10 ... +55 °C
Dimensions (L x W x H)	150 x 85 x 35 mm

- low intrinsic energy requirement
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, status display
- with control LED for On/Off
- with manual operation on/off per channel
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- with screw terminals

**i 952**



DESIGN	ORDER NO.	PU
white	<b>* 8516 61 00</b>	1



**KNX radio switch actuator for plugs**

Operating voltage	230 V~
Frequency	50 Hz
Switching current	16 A
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps	28 x 36 W
Conventional transformers	1600 VA
Electronic transformers and dual-mode transformers	1200 W
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of quicklink links	max. 20 transmitter/receiver
Operating temperature	+0 ... +45 °C
Dimensions (W x H x D)	98 x 54 x 77 mm
Assembling height	41 mm

- low intrinsic energy requirement
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, forced control, status display
- with configuration and function LEDs
- with control LED for On/Off
- with configuration and function button
- with manual operation on/off
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display

For remote-controlled switching of electrical loads.



DESIGN	ORDER NO.	PU
polar white matt	<b>* 8510 51 00</b>	1



IP55

**KNX radio switch actuator 1gang/binary input 1gang surface-mounted**

Operating voltage	230 V~
Switching current	10 A / 230 V AC1
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps:	
- uncompensated	600 VA
- with electronic ballast (EB)	6 x 58 W
Compact fluorescent lamps	6 x 18 W
Conventional transformers	600 VA
Electronic transformers	600 W
Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-10 ... +55 °C
Dimensions (L x W x H)	150 x 85 x 35 mm

- low intrinsic energy requirement
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- with configuration and function LEDs
- with transmission status and control LED for On/Off
- with configuration and function button
- with manual operation on/off
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- input, freely configurable
- activation, for example through switches, push-buttons, timers, magnetic contact
- for connection to potential-free contact
- with screw terminals

**i 952**



DESIGN  
white

ORDER NO.  
★ 8586 51 00

PU  
1



**KNX radio switch actuator 1gang/binary input 1gang flush-mounted**

Operating voltage	230 V~
Switching current	10 A / 230 V AC1
Frequency	50 Hz
Switching current	
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps:	
- parallel compensated	11x 36 W /47 µF
Conventional transformers	800 VA
Electronic transformers	600 W
Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	+0 ... +45 °C
Binary cable length	≈ 20 cm
Binary cable length, extendable	max. 5 m
Dimensions, sensor (Ø x H)	53 x 30 mm

- low intrinsic energy requirement
- reset function (to factory setting)
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- ETS additional functions: repeater function
- with configuration and function LEDs
- with transmission status and control LED for On/Off
- with configuration and function button
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- input, freely configurable
- activation, for example through switches, push-buttons, timers, magnetic contact
- confectioned, with 2-core cable
- for installation behind flush-mounted inserts
- for connection to potential-free contact
- with screw terminals

**i 952**



DESIGN  
white

ORDER NO.  
★ 8587 51 00

PU  
1



**DIM ACTUATORS**

**NEW**



**KNX radio universal dim actuator 1gang flush-mounted**

Operating voltage	230 V~	<ul style="list-style-type: none"> <li>low intrinsic energy requirement</li> </ul>
Frequency	50 Hz	<ul style="list-style-type: none"> <li>reset function (to factory setting)</li> </ul>
230 V incandescent lamps and halogen lamps	20 ... 200 W	<ul style="list-style-type: none"> <li>quicklink functions: dimming, 2 scenes, time switching, NO contact push-button</li> </ul>
Conventional transformers	20 ... 200 VA	<ul style="list-style-type: none"> <li>integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system</li> </ul>
Conventional transformers	20 VA	<ul style="list-style-type: none"> <li>ETS additional functions: +6 scenes, operating mode on/off, dimming value, forced control, status display, brightness display, repeater function</li> </ul>
Electronic transformers	20 ... 200 W	<ul style="list-style-type: none"> <li>with configuration and function LEDs</li> </ul>
Radio reception frequency	868.3 MHz	<ul style="list-style-type: none"> <li>with control LED for On/Off</li> </ul>
Radio protocol	KNX Radio	<ul style="list-style-type: none"> <li>with configuration and function button</li> </ul>
Transmitter duty cycle	1 %	<ul style="list-style-type: none"> <li>scene opening via KNX radio appliances</li> </ul>
Receiver category	2	<ul style="list-style-type: none"> <li>scene saving lockable</li> </ul>
Number of quicklink links	max. 20 transmitter/receiver	<ul style="list-style-type: none"> <li>toolless quicklink configuration using buttons and LED display</li> </ul>
Operating temperature	+0 ... +45 °C	<ul style="list-style-type: none"> <li>bulb-preserving soft startup</li> </ul>
Dimensions (Ø x H)	56 x 38 mm	<ul style="list-style-type: none"> <li>phase cut-on or cut-off according to load type, self-learning</li> <li>short-circuit and overload proof (electronic fuse)</li> <li>with screw terminals</li> </ul>



DESIGN

light grey

ORDER NO.

★ 8547 51 00

**i 952**

PU

1

**BLIND ACTUATORS**

**NEW**



**KNW radio blind actuator 1gang surface-mounted**

Operating voltage	230 V~	<ul style="list-style-type: none"> <li>low intrinsic energy requirement</li> </ul>
Frequency	50 Hz	<ul style="list-style-type: none"> <li>repeat function can be activated to increase the radio range</li> </ul>
Switching current	10 A / 230 V AC1	<ul style="list-style-type: none"> <li>reset function (to factory setting)</li> </ul>
Radio reception frequency	868.3 MHz	<ul style="list-style-type: none"> <li>quicklink functions: blind, 2 scenes, forced control, up/down push-button</li> </ul>
Radio protocol	KNX Radio	<ul style="list-style-type: none"> <li>integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system</li> </ul>
Transmitter duty cycle	1 %	<ul style="list-style-type: none"> <li>ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm</li> </ul>
Receiver category	2	<ul style="list-style-type: none"> <li>with configuration and function LEDs</li> </ul>
Number of quicklink links	max. 20 transmitter/receiver	<ul style="list-style-type: none"> <li>with control LED (relay closed)</li> </ul>
Lamella adjustment on signal duration	< 1 s	<ul style="list-style-type: none"> <li>with configuration and function button</li> </ul>
Change-over time for change of direction	< 0.6 s	<ul style="list-style-type: none"> <li>with manual operation up/down</li> </ul>
Operating temperature	+5 ... +45 °C	<ul style="list-style-type: none"> <li>scene opening via KNX radio appliances</li> </ul>
Dimensions (L x W x H)	150 x 85 x 35 mm	<ul style="list-style-type: none"> <li>scene saving lockable</li> <li>toolless quicklink configuration using buttons and LED display</li> <li>with 2 mechanically and electrically mutually-locked relay contacts</li> <li>with screw terminals</li> </ul>



DESIGN

white

ORDER NO.

★ 8526 51 00

**i 952**

PU

1



**KNX radio blind actuator 1gang/binary input 2gang flush-mounted**

Operating voltage	230 V~	■ low intrinsic energy requirement
Frequency	50 Hz	■ reset function (to factory setting)
Switching current	6 A / 230 V AC1	■ quicklink functions: blind, 2 scenes, forced control, up/down push-button
Radio transmission/reception frequency	868.3 MHz	■ integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
Radio protocol	KNX Radio	■ ETS additional functions: +6 scenes, operating mode, 1 up/down button control, 2 x alarm, status display
Transmitter duty cycle	1 %	■ ETS additional functions: repeater function
Receiver category	2	■ with configuration and function LEDs
Number of radio channels	2	■ with control LED (relay closed)
Number of quicklink links	max. 20 transmitter/receiver	■ with configuration and function button
Radio transmission power	< 10 mW	■ with manual operation up/down
Radio transmission range (free field)	max. 100 m	■ scene opening via KNX radio appliances
Radio transmission range (building)	max. 30 m	■ scene saving lockable
Lamella adjustment on signal duration	< 1 s	■ toolless quicklink configuration using buttons and LED display
Change-over time for change of direction	< 0.6 s	■ with 2 mechanically and electrically mutually-locked relay contacts
Operating temperature	+5 ... +45 °C	■ inputs, freely configurable
Conductor cross-section	0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>	■ activation, for example through switches, push-buttons, timers, blind timer switches, magnetic contact
Binary cable length	≈ 20 cm	■ for installation behind flush-mounted inserts
Binary cable length, extendable	max. 5 m	■ for connection to max. 2 potential-free contacts
		■ with screw terminals
Dimensions (Ø x H)	53 x 27 mm	

**i 952**



DESIGN	ORDER NO.	PU
light grey	* <b>8527 51 00</b>	1

**KNX RADIO APPLICATION MODULE POWER SUPPLY**



**Power supply for KNX radio application module**

Operating voltage	230 V~	■ low intrinsic energy requirement
Frequency	50/60 Hz	■ as supply for radio application modules
Power consumption (standby)	< 0.1 W	■ no conductive connection between supporting ring and spreading claws
Operating temperature	-5 ... +45 °C	■ with screw terminals
Screw terminals	max. 1 x 4 / 2 x 2,5 mm <sup>2</sup>	
Insertion depth	22 mm	

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.		
<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
KNX radio button 1gang quicklink	8514 5 ..	768
KNX radio button 2gang quicklink	8514 6 ..	769
KNX radio button 4gang quicklink	8564 8 ..	769
KNX radio timer quicklink	8574 52 ..	771
KNX radio blind button quicklink	8524 5 ..	778
KNX radio blind time switch quicklink	8574 51 ..	779
KNX radio motion detector comfort 1.1 m quicklink	8534 5 ..	774
KNX radio motion detector comfort 2.2 m quicklink	8534 6 ..	775



DESIGN	ORDER NO.	PU
Mains insert for KNX radio application module	* <b>8502 01 00</b>	1



**GATEWAYS**



**KNX radio/TP gateway surface-mounted**

Operating voltage over bus	30 V=
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channel inputs	max. 512
Number of radio channel outputs	max. 512
Number of KNX radio device	max. 256
Radio transmission power	< 25 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	+0 ... +45 °C
Dimensions (W x H x D)	77 x 203 x 26.5 mm

- low intrinsic energy requirement
- bus connection via connecting terminal
- status indication using 2-digit red LED display
- large scope of functions of the KNX radio appliances through parameterisation with ETS
- with drilling template, fastening material, strain reliefs and connecting terminal

As line coupler for expansion of a KNX system with a KNX radio lead.

As programming interface: in purely KNX radio systems, the surface-mounted KNX radio/TP gateway can be removed after parameterisation.

Interface between KNX twisted pair products and KNX radio products.



DESIGN  
polar white matt

ORDER NO.  
★ 8505 01 00

PU  
1



KNX



**B.**  
Berker



KNX OPERATING SYSTEMS	794-851
KNX SENSORS AND ACTUATORS	852-887
KNX SYSTEM UNITS	888-895

There are decisions, which need to be thought out carefully - in order to give a lifetime's pleasure. Such a decision is that in favour of the easy-to-use KNX system from Berker. In so doing, a so-called bus line is routed in parallel to the 230 V wire, which connects switches to thermostats, motion detectors, lamps and other components. This means nothing less than that all these components can, in future, be flexibly and comfortably controlled and checked.

The installation of a KNX system stands for:

- A long-lasting electrical installation, which can be expanded at any time
- Comfortable operating concepts on the wall or using remote control
- Safety-relevant applications
- Energy-saving applications, e.g. using high-efficiency thermostats or switchable standby consumers, etc.
- Well thought-out technology within the building management system





B.IQ



S.1

B.3

B.7 GLAS



Q.1

K.5



PUSH-BUTTONS STANDARD AND COMFORT RANGES	796-811
PUSH-BUTTON WITH BUS COUPLING UNIT	811-826
BERKER R.1/R.3 - PUSH-BUTTONS/ TOUCH SENSORS	826-831
BERKER B.IQ	831-839
BERKER TS SENSOR	840-843
VISUALISATIONS	844-848
KNX ENOCEAN	849-850

There are devices which want to show everyone, all the time, what they can do. And there are those all-rounders, who hide their technical perfection and spacious insert width behind a discreet surface. These include our KNX control sections, which can be integrated easily into our switch range using simply their design or using a frame.

- Convenience functions such as centralised operation of all lights in the house and garden, simultaneous activation of lights and blinds in light scenes or central switching-off of all electrical consumers when leaving the house
- Needs-oriented single-room and time-dependent temperature control
- Central display and operating elements to control lighting, blinds or heating/air conditioning
- Control of audio and video
- KNX push-button sensors and covers available in the standard and comfort range designs
- Integration into other systems, such as IP or KNX Radio
- Exclusive design solutions, such as Berker B.IQ or Berker TS Sensor, which can be integrated into other switch programs
- Individually-designable visualisation solutions using touch displays, to provide the maximum of operating comfort

**PUSH-BUTTONS STANDARD AND COMFORT RANGES**



**Bus coupling unit flush-mounted**

Operating voltage over bus 21 ... 32 V=  
Power consumption, KNX ≈ 100 mW  
Operating temperature -5 ... +45 °C  
Insertion depth 23 mm

- with programming button and red programming LED
- as interface between KNX user module and bus line
- bus connection via connecting terminal
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Protective cover	7500 00 07	894
Blind plug for bus coupling unit	7594 02 ..	894

DESIGN	ORDER NO.	PU
Bus coupling unit flush-mounted	<b>7504 00 01</b>	1

**Berker S.1/B.3/B.7, K.1/K.5 - push-buttons**

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- With dismantling protection



**Push-button 1gang comfort**

- Labelling field
- Horizontal operation



Operating temperature -5 ... +45 °C

- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with white operation LED and 2 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- single and two push-button operation parameterisable
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

for white and polar white <sup>1)</sup> **7516 17 80** 1

for anthracite and aluminium <sup>1)</sup> **7516 17 85** 1

**Berker K.1/K.5**

polar white <sup>2)</sup> **7516 17 70** 1

anthracite <sup>2)</sup> **7516 17 75** 1

aluminium <sup>2)</sup> **7516 17 74** 1

stainless steel <sup>2)</sup> **7516 17 73** 1

<sup>1)</sup>labelling field length (W x H): 52.3 x 52.3 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 52.8 mm



**Push-button 2gang comfort**

- Labelling fields
- Horizontal operation



Operating temperature -5 ... +45 °C

- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with white operation LED and 4 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- single and two push-button operation parameterisable
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

for white and polar white <sup>1)</sup> **7516 27 80** 1

for anthracite and aluminium <sup>1)</sup> **7516 27 85** 1



**Berker K.1/K.5**

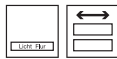
polar white <sup>2)</sup>	<b>7516 27 70</b>	1
anthracite <sup>2)</sup>	<b>7516 27 75</b>	1
aluminium <sup>2)</sup>	<b>7516 27 74</b>	1
stainless steel <sup>2)</sup>	<b>7516 27 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 24.9 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 25 mm



**Push-button 3gang comfort**

- Labelling fields
- Horizontal operation



Operating temperature

-5 ... +45 °C

- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with white operation LED and 6 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- single and two push-button operation parameterisable
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7**

for white and polar white <sup>1)</sup>	<b>7516 37 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7516 37 85</b>	1

**Berker K.1/K.5**

polar white <sup>2)</sup>	<b>7516 37 70</b>	1
anthracite <sup>2)</sup>	<b>7516 37 75</b>	1
aluminium <sup>2)</sup>	<b>7516 37 74</b>	1
stainless steel <sup>2)</sup>	<b>7516 37 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 15.6 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 15.7 mm



**Push-button 4gang comfort**

- Labelling fields
- Horizontal operation



Operating temperature

-5 ... +45 °C

Use only in combination with frame frame with large cut-out.

- lockable via 3-button actuation
- one push-button operation for switching, pushing, shutters and dimming
- second operating level via object or 3-button handle
- with white operation LED and 8 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- single and two push-button operation parameterisable
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7**

for white and polar white <sup>1)</sup>	<b>7516 47 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7516 47 85</b>	1

**Berker K.1/K.5**

polar white <sup>2)</sup>	<b>7516 47 70</b>	1
anthracite <sup>2)</sup>	<b>7516 47 75</b>	1
aluminium <sup>2)</sup>	<b>7516 47 74</b>	1
stainless steel <sup>2)</sup>	<b>7516 47 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 24.9 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 25 mm





### Push-button 1gang

- Labelling field
- Horizontal operation



Operating temperature -5 ... +45 °C

- with white operation LED and 2 red status LEDs
- dimming / position value transmitter 1 byte

**SUITABLE FOR** Bus coupling unit flush-mounted  
**ORDER NO.** 7504 00 01  
**PAGE** 796

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
for white and polar white <sup>1)</sup>	<b>7516 13 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7516 13 85</b>	1
<b>Berker K.1/K.5</b>		
polar white <sup>2)</sup>	<b>7516 13 70</b>	1
anthracite <sup>2)</sup>	<b>7516 13 75</b>	1
aluminium <sup>2)</sup>	<b>7516 13 74</b>	1
stainless steel <sup>2)</sup>	<b>7516 13 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 52.3 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 52.8 mm



### Push-button 2gang

- Labelling fields
- Horizontal operation



Operating temperature -5 ... +45 °C

- with white operation LED and 4 red status LEDs
- dimming / position value transmitter 1 byte

**SUITABLE FOR** Bus coupling unit flush-mounted  
**ORDER NO.** 7504 00 01  
**PAGE** 796

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
for white and polar white <sup>1)</sup>	<b>7516 23 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7516 23 85</b>	1
<b>Berker K.1/K.5</b>		
polar white <sup>2)</sup>	<b>7516 23 70</b>	1
anthracite <sup>2)</sup>	<b>7516 23 75</b>	1
aluminium <sup>2)</sup>	<b>7516 23 74</b>	1
stainless steel <sup>2)</sup>	<b>7516 23 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 24.9 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 25 mm



### Push-button 3gang

- Labelling fields
- Horizontal operation



Operating temperature -5 ... +45 °C

- with white operation LED and 6 red status LEDs
- dimming / position value transmitter 1 byte

**SUITABLE FOR** Bus coupling unit flush-mounted  
**ORDER NO.** 7504 00 01  
**PAGE** 796

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
for white and polar white <sup>1)</sup>	<b>7516 33 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7516 33 85</b>	1
<b>Berker K.1/K.5</b>		
polar white <sup>2)</sup>	<b>7516 33 70</b>	1
anthracite <sup>2)</sup>	<b>7516 33 75</b>	1
aluminium <sup>2)</sup>	<b>7516 33 74</b>	1
stainless steel <sup>2)</sup>	<b>7516 33 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 15.6 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 15.7 mm





**Push-button 4gang**

- Labelling fields
- Horizontal operation



Operating temperature -5 ... +45 °C

Only for flush-mounted installation.  
Use only in combination with frame frame with large cut-out.

- with white operation LED and 8 red status LEDs
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
for white and polar white <sup>1)</sup>	<b>7516 43 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7516 43 85</b>	1
<b>Berker K.1/K.5</b>		
polar white <sup>2)</sup>	<b>7516 43 70</b>	1
anthracite <sup>2)</sup>	<b>7516 43 75</b>	1
aluminium <sup>2)</sup>	<b>7516 43 74</b>	1
stainless steel <sup>2)</sup>	<b>7516 43 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 24.9 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 25 mm

**Berker S.1/B.3/B.7, K.1/K.5 - push-buttons for light scenes**



**Push-button 4gang for light scenes**

- Labelling fields
- Horizontal operation



Number of load groups (increase on cascading) 8  
Light scenes max. 8  
Operating temperature -5 ... +45 °C  
Assembling height - plastic version 15 mm  
Labelling field length (W x H) 52.3 x 24.9 mm

Use only in combination with frame frame with large cut-out.

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- with white operation LED and 8 red status LEDs
- second operating level for setting load groups via 3-button actuation
- dimming / position value transmitter 1 byte
- for bus coupling unit flush-mounted
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
for white and polar white <sup>1)</sup>	<b>7516 88 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7516 88 85</b>	1
<b>Berker K.1/K.5</b>		
polar white <sup>2)</sup>	<b>7516 88 70</b>	1
anthracite <sup>2)</sup>	<b>7516 88 75</b>	1
aluminium <sup>2)</sup>	<b>7516 88 74</b>	1
stainless steel <sup>2)</sup>	<b>7516 88 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 24.9 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 25 mm



**Berker S.1/B.3/B.7, K.1/K.5 - push-buttons with thermostat**

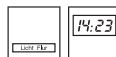
- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Area dimming
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LC display with symbol display
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- With valve protection function
- With room temperature timer
- Control parameter for heating / cooling unit preset
- For installation in single standard wall boxes
- For continuous (PI) or switched (2-point) control of max. 2 control circuits
- With dismantling protection
- With flash-controller technology
- Blind operation concept short-long-short and long-short parameterisable
- Cyclic transmission can also be started via switching object
- With button blocking function
- Rockers or push-button lockable via object
- End customer display scope parameterisable
- Indicator objects for heating and cooling
- Object for controller status
- Separate object for window contact
- Programmable from ETS2, V1.2a
- Alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- Presence button parameterisable to extend comfort
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte



**Push-button 2gang with thermostat**

- Labelling fields

- Display



Operating temperature -5 ... +45 °C

■ with white operation LED and 4 red status LEDs

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
for white and polar white <sup>1)</sup>	<b>7566 27 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7566 27 85</b>	1
<b>Berker K.1/K.5</b>		
polar white <sup>2)</sup>	<b>7566 27 70</b>	1
anthracite <sup>2)</sup>	<b>7566 27 75</b>	1
aluminium <sup>2)</sup>	<b>7566 27 74</b>	1
stainless steel <sup>2)</sup>	<b>7566 27 73</b>	1



<sup>1)</sup>labelling field length (W x H): 52.3 x 15.6 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 15.7 mm





**Push-button 3gang with thermostat**

- Labelling fields
- Display



Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.

- with white operation LED and 6 red status LEDs

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
for white and polar white <sup>1)</sup>	<b>7566 37 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7566 37 85</b>	1
<b>Berker K.1/K.5</b>		
polar white <sup>2)</sup>	<b>7566 37 70</b>	1
anthracite <sup>2)</sup>	<b>7566 37 75</b>	1
aluminium <sup>2)</sup>	<b>7566 37 74</b>	1
stainless steel <sup>2)</sup>	<b>7566 37 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 24.9 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 25 mm



**Push-button 5gang with thermostat**

- Labelling fields
- Display



Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.

- with white operation LED and 10 red status LEDs

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
Glass frame with large cut-out	1309 64 ..	268

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
for white and polar white <sup>1)</sup>	<b>7566 57 80</b>	1
for anthracite and aluminium <sup>1)</sup>	<b>7566 57 85</b>	1
<b>Berker K.1/K.5</b>		
polar white <sup>2)</sup>	<b>7566 57 70</b>	1
anthracite <sup>2)</sup>	<b>7566 57 75</b>	1
aluminium <sup>2)</sup>	<b>7566 57 74</b>	1
stainless steel <sup>2)</sup>	<b>7566 57 73</b>	1

<sup>1)</sup>labelling field length (W x H): 52.3 x 15.6 mm  
<sup>2)</sup>labelling field length (W x H): 66.8 x 15.7 mm



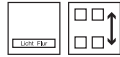
**Berker S.1/B.3/B.7, Modul 2, Arsys - push-buttons**

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- With dismantling protection



**Push-button 1gang comfort**

- Labelling field
- Vertical operation



Operating temperature

-5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with green operation LED and 2 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7**

polar white matt	# 7516 16 89	1
anthracite matt	# 7516 16 85	1
aluminium matt, lacquered	# 7516 16 83	1

**Modul 2**

white glossy	# 7516 16 12	1
polar white glossy	# 7516 16 19	1



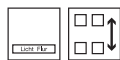
**Berker Arsys**

white glossy	7516 16 42	1
polar white glossy	7516 16 49	1
light bronze matt, lacquered	7516 16 44	1
stainless steel matt, lacquered	7516 16 43	1



**Push-button 2gang comfort**

- Labelling field
- Vertical operation



Operating temperature

-5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with green operation LED and 4 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7**

polar white matt	# 7516 26 89	1
anthracite matt	# 7516 26 85	1
aluminium matt, lacquered	# 7516 26 83	1

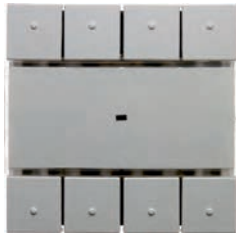
**Modul 2**

white glossy	# 7516 26 12	1
polar white glossy	# 7516 26 19	1



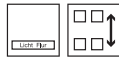


DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
white glossy	<b>7516 26 42</b>	1
polar white glossy	<b>7516 26 49</b>	1
light bronze matt, lacquered	<b>7516 26 44</b>	1
stainless steel matt, lacquered	<b>7516 26 43</b>	1



**Push-button 4gang comfort**

- Labelling field
- Vertical operation



Operating temperature

-5 ... +45 °C

- single and two push-button operation parameterisable
- lockable via 3-button actuation
- one push-button operation for switching, pushing, shutters and dimming
- second operating level via object or 3-button handle
- with green operation LED and 8 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
polar white matt	# <b>7516 46 89</b>	1
anthracite matt	# <b>7516 46 85</b>	1
aluminium, matt, lacquered	# <b>7516 46 83</b>	1



**Modul 2**

white glossy	# <b>7516 46 12</b>	1
polar white glossy	# <b>7516 46 19</b>	1



**Berker Arsys**

white glossy	<b>7516 46 42</b>	1
polar white glossy	<b>7516 46 49</b>	1
light bronze matt, lacquered	<b>7516 46 44</b>	1
stainless steel matt, lacquered	<b>7516 46 43</b>	1



**Push-button 1gang**

Operating temperature

-5 ... +45 °C

- dimming / position value transmitter 1 byte

Application as 7516 10..

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
polar white matt	# <b>7516 11 89</b>	1
anthracite matt	# <b>7516 11 85</b>	1
aluminium matt, lacquered	# <b>7516 11 83</b>	1



**Modul 2**

white glossy	# <b>7516 11 12</b>	1
polar white glossy	# <b>7516 11 19</b>	1



**Berker Arsys**

white glossy	<b>7516 11 42</b>	1
polar white glossy	<b>7516 11 49</b>	1
light bronze matt, lacquered	<b>7516 11 44</b>	1
stainless steel matt, lacquered	<b>7516 11 43</b>	1



	<b>Push-button 2gang</b>	Operating temperature	-5 ... +45 °C	■ dimming / position value transmitter 1 byte		
		Application as 7516 20..		<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
				Bus coupling unit flush-mounted	7504 00 01	796
		DESIGN		ORDER NO.		PU
		<b>Berker S.1/B.3/B.7</b>				
		polar white matt	#	<b>7516 21 89</b>		1
		anthracite matt	#	<b>7516 21 85</b>		1
		aluminium, matt, lacquered	#	<b>7516 21 83</b>		1
		<b>Modul 2</b>				
		white glossy	#	<b>7516 21 12</b>		1
	polar white glossy	#	<b>7516 21 19</b>		1	
	<b>Berker Arsys</b>					
	white glossy		<b>7516 21 42</b>		1	
	polar white glossy		<b>7516 21 49</b>		1	
	light bronze matt, lacquered		<b>7516 21 44</b>		1	
	stainless steel matt, lacquered		<b>7516 21 43</b>		1	

	<b>Push-button 4gang</b>	Operating temperature	-5 ... +45 °C	■ dimming / position value transmitter 1 byte		
		Application as 7516 40..		<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
				Bus coupling unit flush-mounted	7504 00 01	796
		DESIGN		ORDER NO.		PU
		<b>Berker S.1/B.3/B.7</b>				
		polar white matt	#	<b>7516 41 89</b>		1
		anthracite matt	#	<b>7516 41 85</b>		1
		aluminium, matt, lacquered	#	<b>7516 41 83</b>		1
		<b>Modul 2</b>				
		white glossy	#	<b>7516 41 12</b>		1
	polar white glossy	#	<b>7516 41 19</b>		1	
	<b>Berker Arsys</b>					
	white glossy		<b>7516 41 42</b>		1	
	polar white glossy		<b>7516 41 49</b>		1	
	light bronze matt, lacquered		<b>7516 41 44</b>		1	
	stainless steel matt, lacquered		<b>7516 41 43</b>		1	

	<b>Push-button 1gang</b>			■ with green operation LED and red status LED			
		- Labelling field		■ dimming / position value transmitter 1 byte			
		- Vertical operation					
		Operating temperature	-5 ... +45 °C		<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
					Bus coupling unit flush-mounted	7504 00 01	796
					<b>replacement</b>		
					Labelling field	7596 00 0 ..	806
		DESIGN		ORDER NO.		PU	
		<b>Berker S.1/B.3/B.7</b>					
	polar white matt	#	<b>7516 10 89</b>		1		
	anthracite matt	#	<b>7516 10 85</b>		1		
	aluminium matt, lacquered	#	<b>7516 10 83</b>		1		
	<b>Modul 2</b>						
	white glossy	#	<b>7516 10 12</b>		1		
	polar white glossy	#	<b>7516 10 19</b>		1		

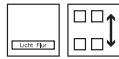


DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
white glossy	<b>7516 10 42</b>	1
polar white glossy	<b>7516 10 49</b>	1
light bronze matt, lacquered	<b>7516 10 44</b>	1
stainless steel matt, lacquered	<b>7516 10 43</b>	1



**Push-button 2gang**

- Labelling field
- Vertical operation



Operating temperature -5 ... +45 °C

- with green operation LED and 2 red status LEDs
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
<b>replacement</b>		
Labelling field	7596 00 0 ..	806

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
polar white matt	# <b>7516 20 89</b>	1
anthracite matt	# <b>7516 20 85</b>	1
aluminium matt, lacquered	# <b>7516 20 83</b>	1

**Modul 2**

white glossy	# <b>7516 20 12</b>	1
polar white glossy	# <b>7516 20 19</b>	1



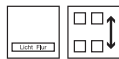
**Berker Arsys**

white glossy	<b>7516 20 42</b>	1
polar white glossy	<b>7516 20 49</b>	1
light bronze matt, lacquered	<b>7516 20 44</b>	1
stainless steel matt, lacquered	<b>7516 20 43</b>	1



**Push-button 4gang**

- Labelling field
- Vertical operation



Operating temperature -5 ... +45 °C

- with green operation LED and 4 red status LEDs
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
<b>replacement</b>		
Labelling field	7596 00 0 ..	806

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
polar white matt	# <b>7516 40 89</b>	1
anthracite matt	# <b>7516 40 85</b>	1
aluminium, matt, lacquered	# <b>7516 40 83</b>	1

**Modul 2**

white glossy	# <b>7516 40 12</b>	1
polar white glossy	# <b>7516 40 19</b>	1



**Berker Arsys**

white glossy	<b>7516 40 42</b>	1
polar white glossy	<b>7516 40 49</b>	1
light bronze matt, lacquered	<b>7516 40 44</b>	1
stainless steel matt, lacquered	<b>7516 40 43</b>	1



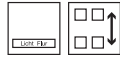
KNX

**Berker S.1/B.3/B.7, Modul 2, Arsys - push-buttons for light scenes**



**Push-button 4gang for light scenes**

- Labelling field
- Vertical operation



Number of load groups (increase on cascading) 8  
 Light scenes max. 8  
 Operating temperature -5 ... +45 °C

The settings of the individual load groups (light scenes) can be varied by way of the second operating level.

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- with green operation LED and 8 red status LEDs
- second operating level for setting load groups via 3-button actuation
- lockable via object
- dimming / position value transmitter 1 byte
- with anti-dismantling protection

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

polar white matt	# 7516 87 89	1
anthracite matt	# 7516 87 85	1
aluminium matt, lacquered	# 7516 87 83	1

**Modul 2**

white glossy	# 7516 87 12	1
polar white glossy	# 7516 87 19	1



**Berker Arsys**

white glossy	7516 87 42	1
polar white glossy	7516 87 49	1
light bronze matt, lacquered	7516 87 44	1
stainless steel matt, lacquered	7516 87 43	1

**Berker S.1/B.3/B.7, Modul 2, Arsys - accessories**



**Labelling field**

Not suitable for Comfort push-buttons and push-buttons for light scenes.

- replacement

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Push-button 1gang		page 804
Push-button 2gang		page 805
Push-button 4gang		page 805

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

clear, transparent, for push-buttons, polar white	# 7596 00 07	1
smoked glass transparent, for push-buttons, anthracite	# 7596 00 08	1
clear, transparent, for push-buttons, aluminium	# 7596 00 09	1

**Modul 2**

clear, transparent, for push-buttons, white	# 7596 00 01	1
clear, transparent, for push-buttons, polar white	# 7596 00 02	1

**Berker Arsys**

clear, transparent, for push-buttons, white	7596 00 03	1
clear, transparent, for push-buttons, polar white	7596 00 06	1
brown transparent, for push-buttons, light bronze	7596 00 05	1
grey transparent, for push-buttons, stainless steel	7596 00 04	1



**Berker Q.1/Q.3 - push-buttons with bus coupling unit**

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- With dismantling protection

**NEW**



**Push-button 1gang comfort**

- Labelling field
- integrated bus coupling unit



Operating temperature  
Labelling field length (W x H)

-5 ... +45 °C  
56.4 x 56.4 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- retrieval, adjustment and storage of 8 light scenes
- usable as thermostat extension unit
- with white operation LED and 2 amber status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- cyclic transmission can also be started via switching object

SUITABLE FOR replacement	ORDER NO.	PAGE
Labelling field foils for push-buttons 1gang	9498 29 01	810

DESIGN

ORDER NO.

PU

**Berker Q.1/Q.3**

polar white velvety

**7514 13 29**

1

anthracite velvety

**\* 7514 13 26**

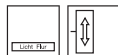
1

**NEW**



**Push-button 2gang comfort**

- Labelling fields
- integrated bus coupling unit



Operating temperature  
Labelling field length (W x H)

-5 ... +45 °C  
56.4 x 26.8 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- retrieval, adjustment and storage of 8 light scenes
- usable as thermostat extension unit
- with white operation LED and 4 amber status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- cyclic transmission can also be started via switching object

SUITABLE FOR replacement	ORDER NO.	PAGE
Labelling field foils for push-buttons 2gang, 3gang with thermostat	9498 30 02	810

DESIGN

ORDER NO.

PU

**Berker Q.1/Q.3**

polar white velvety

**7514 23 29**

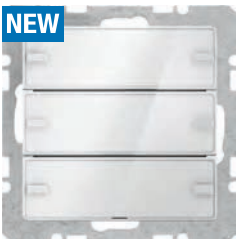
1

anthracite velvety

**\* 7514 23 26**

1

**NEW**



**Push-button 3gang comfort**

- Labelling fields
- integrated bus coupling unit



Operating temperature  
Labelling field length (W x H)

-5 ... +45 °C  
56.4 x 17 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- retrieval, adjustment and storage of 8 light scenes
- usable as thermostat extension unit
- with white operation LED and 6 amber status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- cyclic transmission can also be started via switching object

SUITABLE FOR replacement	ORDER NO.	PAGE
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	811

DESIGN

ORDER NO.

PU

**Berker Q.1/Q.3**

polar white velvety

**7514 33 29**

1


anthracite velvety


**\* 7514 33 26**


1




KNX

<b>NEW</b>		<b>Push-button 4gang comfort</b>		
		<ul style="list-style-type: none"> <li>- Labelling fields</li> <li>- integrated bus coupling unit</li> </ul>		<ul style="list-style-type: none"> <li>■ single and two push-button operation parameterisable</li> <li>■ one push-button operation for switching, pushing, shutters and dimming</li> <li>■ retrieval, adjustment and storage of 8 light scenes</li> <li>■ usable as thermostat extension unit</li> <li>■ with white operation LED and 8 amber status LEDs</li> <li>■ value transmitter for dimming, position, brightness and temperature values 1 and 2 byte</li> <li>■ cyclic transmission can also be started via switching object</li> </ul>
		Operating temperature	-5 ... +45 °C	
		Labelling field length (W x H)	56.4 x 12 mm	
		DESIGN	ORDER NO.	PU
		<b>Berker Q.1/Q.3</b>		
		polar white velvety	<b>7514 43 29</b>	1
		anthracite velvety	<b>* 7514 43 26</b>	1

<b>NEW</b>		<b>Push-button 1gang</b>		
		<ul style="list-style-type: none"> <li>- Labelling field</li> <li>- integrated bus coupling unit</li> </ul>		<ul style="list-style-type: none"> <li>■ with white operation LED and 2 amber status LEDs</li> <li>■ dimming / position value transmitter 1 byte</li> </ul>
		Operating temperature	-5 ... +45 °C	
		Labelling field length (W x H)	56.4 x 56.4 mm	
		DESIGN	ORDER NO.	PU
		<b>Berker Q.1/Q.3</b>		
		polar white velvety	<b>7514 12 29</b>	1
		anthracite velvety	<b>* 7514 12 26</b>	1

<b>NEW</b>		<b>Push-button 2gang</b>		
		<ul style="list-style-type: none"> <li>- Labelling fields</li> <li>- integrated bus coupling unit</li> </ul>		<ul style="list-style-type: none"> <li>■ with white operation LED and 4 amber status LEDs</li> <li>■ dimming / position value transmitter 1 byte</li> </ul>
		Operating temperature	-5 ... +45 °C	
		Labelling field length (W x H)	56.4 x 26.8 mm	
		DESIGN	ORDER NO.	PU
		<b>Berker Q.1/Q.3</b>		
		polar white velvety	<b>7514 22 29</b>	1
		anthracite velvety	<b>* 7514 22 26</b>	1

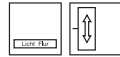
<b>NEW</b>		<b>Push-button 3gang</b>		
		<ul style="list-style-type: none"> <li>- Labelling fields</li> <li>- integrated bus coupling unit</li> </ul>		<ul style="list-style-type: none"> <li>■ with white operation LED and 6 amber status LEDs</li> <li>■ dimming / position value transmitter 1 byte</li> </ul>
		Operating temperature	-5 ... +45 °C	
		Labelling field length (W x H)	56.4 x 17 mm	
		DESIGN	ORDER NO.	PU
		<b>Berker Q.1/Q.3</b>		
		polar white velvety	<b>7514 32 29</b>	1
		anthracite velvety	<b>* 7514 32 26</b>	1





**Push-button 4gang**

- Labelling fields
- integrated bus coupling unit



Operating temperature -5 ... +45 °C  
Labelling field length (W x H) 56.4 x 12 mm

- with white operation LED and 8 amber status LEDs
- dimming / position value transmitter 1 byte

SUITABLE FOR replacement	ORDER NO.	PAGE
Labelling field foils for push-buttons 4gang	9498 32 04	811

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>7514 42 29</b>	1
anthracite velvety	<b>* 7514 42 26</b>	1

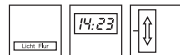
**Berker Q.1/Q.3 - push-buttons with thermostat and bus coupling unit**

- For switch, push-button, dimmer, blind and thermostat functions
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Area dimming
- For retrieval, saving and setting of 8 light scenes
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LC display with symbol display
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- With valve protection function
- With room temperature timer
- Control parameter for heating / cooling unit preset
- For installation in single standard wall boxes
- For continuous (PI) or switched (2-point) control of max. 2 control circuits
- With dismantling protection
- With flash-controller technology
- Single and two push-button operation parameterisable
- Blind operation concept short-long-short and long-short parameterisable
- Cyclic transmission can also be started via switching object
- With button blocking function
- Rockers or push-button lockable via object
- End customer display scope parameterisable
- Indicator objects for heating and cooling
- Object for controller status
- Separate object for window contact
- Programmable from ETS2, V1.2a
- Alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- Presence button parameterisable to extend comfort
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte



**Push-button 2gang with thermostat**

- Labelling fields
- Display
- integrated bus coupling unit

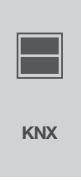


Operating temperature -5 ... +45 °C  
Labelling field length (W x H) 56.4 x 17 mm

- with white operation LED and 4 amber status LEDs

SUITABLE FOR replacement	ORDER NO.	PAGE
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	811

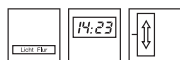
DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>7566 27 29</b>	1
anthracite velvety	<b>* 7566 27 26</b>	1





**Push-button 3gang with thermostat**

- Labelling fields
- Display
- integrated bus coupling unit



Operating temperature -5 ... +45 °C  
Labelling field length (W x H) 56.4 x 26.8 mm

Use only in combination with frame frame with large cut-out.

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>7566 37 29</b>	1
anthracite velvety	<b>* 7566 37 26</b>	1

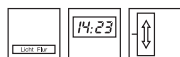
■ with white operation LED and 6 amber status LEDs

SUITABLE FOR replacement	ORDER NO.	PAGE
Labelling field foils for push-buttons 2gang, 3gang with thermostat	9498 30 02	810



**Push-button 5gang with thermostat**

- Labelling fields
- Display
- integrated bus coupling unit



Operating temperature -5 ... +45 °C  
Labelling field length (W x H) 56.4 x 17 mm

Use only in combination with frame frame with large cut-out.

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>7566 57 29</b>	1
anthracite velvety	<b>* 7566 57 26</b>	1

■ with white operation LED and 10 amber status LEDs

SUITABLE FOR replacement	ORDER NO.	PAGE
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	811

**Berker Q.1/Q.3 - accessories**

**Labelling field foils for push-buttons 1gang**

Suitable for inkjet and laser printers.  
UV-resistant.  
Template available as a download in Word format at [www.berker.de](http://www.berker.de).

■ foil with 8 fields

DESIGN	ORDER NO.	PU
polar white	<b>9498 29 01</b>	1

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 12 2 ..	808
Push-button 1gang comfort	7514 13 2 ..	807



**Labelling field foils for push-buttons 2gang, 3gang with thermostat**

Suitable for inkjet and laser printers.  
UV-resistant.  
Template available as a download in Word format at [www.berker.de](http://www.berker.de).

■ foil with 18 fields

DESIGN	ORDER NO.	PU
polar white	<b>9498 30 02</b>	1

SUITABLE FOR	ORDER NO.	PAGE
Push-button 2gang	7514 22 2 ..	808
Push-button 2gang comfort	7514 23 2 ..	807
Push-button 3gang with thermostat	7566 37 2 ..	810



**Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat**

Suitable for inkjet and laser printers.  
UV-resistant.  
Template available as a download in Word format at [www.berker.de](http://www.berker.de).

- foil with 30 fields

SUITABLE FOR	ORDER NO.	PAGE
Push-button 3gang	7514 32 2 ..	808
Push-button 3gang comfort	7514 33 2 ..	807
Push-button 2gang with thermostat	7566 27 2 ..	809
Push-button 5gang with thermostat	7566 57 2 ..	810

DESIGN	ORDER NO.	PU
polar white	<b>9498 31 03</b>	1



**Labelling field foils for push-buttons 4gang**

Suitable for inkjet and laser printers.  
UV-resistant.  
Template available as a download in Word format at [www.berker.de](http://www.berker.de).


- foil with 42 fields

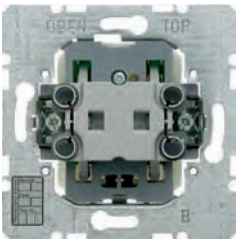
SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7514 42 2 ..	809
Push-button 4gang comfort	7514 43 2 ..	808

DESIGN	ORDER NO.	PU
polar white	<b>9498 32 04</b>	1

**PUSH-BUTTON WITH BUS COUPLING UNIT**

**Flush-mounted installation.**

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set, for WG UP IP44 with sealing flange, order no. 1884.



**Push-button 1gang**  
**- integrated bus coupling unit**

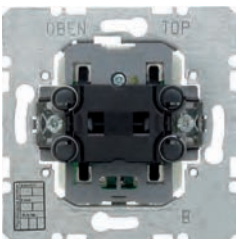


Operating voltage over bus 21 ... 32 V=  
Power consumption, KNX ≈ 108 mW  
Operating temperature -5 ... +45 °C  
Insertion depth 32 mm

- for switch and push-button functions
- with red programming LED and red status LED
- with programming button
- bus connection via connecting terminal

Use rockers from flush-mounted ranges.

DESIGN	ORDER NO.	PU
Push-button 1gang	<b>7514 10 00</b>	1



**Group push-button 1gang**  
**- integrated bus coupling unit**



Operating voltage over bus 21 ... 32 V=  
Power consumption, KNX ≈ 108 mW  
Operating temperature -5 ... +45 °C  
Insertion depth 32 mm

- for switch, push-button, dimmer and shutter functions
- with neutral-position
- with red programming LED and red status LED
- with programming button
- bus connection via connecting terminal

SUITABLE FOR	ORDER NO.	PAGE
	1624 20 ..	30

Use rockers from flush-mounted ranges.

DESIGN	ORDER NO.	PU
Group push-button 1gang	<b>7514 11 00</b>	1



KNX



**Rocker**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	811
Group push-button 1gang	7514 11 00	811

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	1620 89 82	10
polar white glossy	1620 89 89	10
polar white matt	1620 19 09	10
anthracite matt	1620 16 06	10
aluminium matt, lacquered	1620 14 04	10
polar white matt, Screw-on <sup>1)</sup>	1570 19 09	10
anthracite matt, Screw-on <sup>1)</sup>	1570 16 06	10
aluminium matt, lacquered, Screw-on <sup>1)</sup>	1570 14 04	10

**Modul 2**

white glossy	# 1620 02	10
polar white glossy	# 1620 09	10
white glossy, Screw-on <sup>1)</sup>	# 1570 02	10
polar white glossy, Screw-on <sup>1)</sup>	# 1570 09	10

**Berker Q.1/Q.3**

polar white velvety	1620 60 89	10
anthracite velvety, lacquered	* 1620 60 86	10

**Berker K.1/K.5**

polar white glossy	1405 70 09	10
anthracite matt, lacquered	1405 70 06	10
Aluminium, aluminium anodised	* 1405 70 03	10
Stainless steel, metal matt finish	1405 70 04	10

**Berker Arsys**

white glossy	1405 00 02	10
polar white glossy	1405 00 69	10
brown glossy	1405 00 01	10
light bronze matt, aluminium lacquered	1404 00 01	10
Stainless steel, metal matt finish	1404 00 04	10
gold matt, aluminium anodised	1404 00 02	10
Stainless steel, metal matt finish, Screw-on <sup>1)</sup>	1404 00 10	10

**Berker R.1/R.3**

polar white glossy	* 1620 20 89	10
black glossy	* 1620 20 45	10

**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

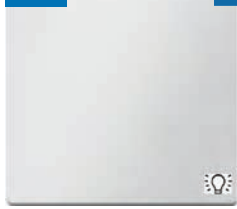
white glossy	1550	10
polar white glossy	1550 09	10
brown glossy	1550 01	10

<sup>1)</sup> with cover plug for screw fitting



NEW

**Rocker with imprint symbol**



SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	811
Group push-button 1gang	7514 11 00	811

DESIGN ORDER NO. PU

**Berker Q.1/Q.3**

polar white velvety, with imprinted symbol for light	<b>1620 60 49</b>	10
anthracite velvety, lacquered, with imprinted symbol for light*	<b>1620 60 46</b>	10

polar white velvety, with imprinted symbol for bell	<b>1620 60 59</b>	10
-----------------------------------------------------	-------------------	----

anthracite velvety, lacquered, with imprinted symbol for bell *	<b>1620 60 56</b>	10
-----------------------------------------------------------------	-------------------	----

polar white velvety, with imprinted symbol for door opener	<b>1620 60 69</b>	10
------------------------------------------------------------	-------------------	----

anthracite velvety, lacquered, with imprinted symbol for door opener	* <b>1620 60 66</b>	10
----------------------------------------------------------------------	---------------------	----

**Berker R.1/R.3**

polar white glossy, with imprinted symbol for light	* <b>1620 20 79</b>	10
-----------------------------------------------------	---------------------	----

black glossy, with imprinted symbol for light	* <b>1620 20 35</b>	10
-----------------------------------------------	---------------------	----

polar white glossy, with imprinted symbol for bell	* <b>1620 20 69</b>	10
----------------------------------------------------	---------------------	----

black glossy, with imprinted symbol for bell	* <b>1620 20 25</b>	10
----------------------------------------------	---------------------	----

polar white glossy, with imprinted symbol for door opener	* <b>1620 20 59</b>	10
-----------------------------------------------------------	---------------------	----

black glossy, with imprinted symbol for door opener	* <b>1620 20 15</b>	10
-----------------------------------------------------	---------------------	----



**Rocker**

**- Labelling field**



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	811
Group push-button 1gang	7514 11 00	811

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	<b>1626 89 82</b>	10
--------------	-------------------	----

polar white glossy	<b>1626 89 89</b>	10
--------------------	-------------------	----

polar white matt	<b>1626 19 09</b>	10
------------------	-------------------	----

anthracite matt	<b>1626 16 06</b>	10
-----------------	-------------------	----

aluminium matt, lacquered	<b>1626 14 04</b>	10
---------------------------	-------------------	----

**Modul 2**

white glossy <sup>1)</sup>	# <b>1626 62</b>	10
----------------------------	------------------	----

polar white glossy <sup>1)</sup>	# <b>1626 69</b>	10
----------------------------------	------------------	----



**Berker Q.1/Q.3**

polar white velvety	<b>1626 60 89</b>	10
---------------------	-------------------	----

anthracite velvety, lacquered	* <b>1626 60 86</b>	10
-------------------------------	---------------------	----

**Berker K.1/K.5**

polar white glossy	<b>1426 70 09</b>	10
--------------------	-------------------	----

anthracite matt, lacquered	<b>1426 70 06</b>	10
----------------------------	-------------------	----

Aluminium, aluminium anodised	* <b>1426 70 03</b>	10
-------------------------------	---------------------	----

Stainless steel, metal matt finish	<b>1426 70 04</b>	10
------------------------------------	-------------------	----

**Berker Arsys**

white glossy	<b>1426 00 02</b>	10
--------------	-------------------	----

polar white glossy	<b>1426 00 69</b>	10
--------------------	-------------------	----

brown glossy	<b>1426 00 01</b>	10
--------------	-------------------	----

light bronze matt, aluminium lacquered	<b>1436 00 01</b>	10
----------------------------------------	-------------------	----

Stainless steel, metal matt finish	<b>1436 00 04</b>	10
------------------------------------	-------------------	----

gold matt, aluminium anodised	<b>1436 00 02</b>	10
-------------------------------	-------------------	----





DESIGN	ORDER NO.	PU
<b>FLUSH-MOUNTED SPLASH-PROTECTED IP44</b>		
white glossy <sup>1)</sup>	<b>1629</b>	10
polar white glossy <sup>1)</sup>	<b>1629 09</b>	10
brown glossy <sup>1)</sup>	<b>1629 01</b>	10

<sup>1)</sup>labelling field height arranged for 9 mm P-touch strips



**Rocker**

**- Full-surface labelling field**



For labelling with names, notes etc.

Labelling field height designed for two 24 mm P-touch strips.

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	811
Group push-button 1gang	7514 11 00	811

DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
clear, with white labelling field	<b>1487 00</b>	10



**Rocker**

**- Lens**



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	811
Group push-button 1gang	7514 11 00	811

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1621 89 82</b>	10
polar white glossy	<b>1621 89 89</b>	10
polar white matt	<b>1621 19 09</b>	10
anthracite matt	<b>1621 16 06</b>	10
aluminium matt, lacquered	<b>1621 14 04</b>	10
polar white matt, Screw-on <sup>1)</sup>	<b>1572 19 09</b>	10
anthracite matt, Screw-on <sup>1)</sup>	<b>1572 16 06</b>	10
aluminium matt, lacquered, Screw-on <sup>1)</sup>	<b>1572 14 04</b>	10

**Modul 2**

white glossy	# <b>1621 22</b>	10
polar white glossy	# <b>1621 19</b>	10
white glossy, Screw-on <sup>1)</sup>	# <b>1572 02</b>	10
polar white glossy, Screw-on <sup>1)</sup>	# <b>1572 09</b>	10

**Berker Q.1/Q.3**

polar white velvety <sup>2)</sup>	<b>1621 60 89</b>	10
anthracite velvety, lacquered <sup>2)</sup>	* <b>1621 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1415 70 09</b>	10
anthracite matt, lacquered	<b>1415 70 06</b>	10
Aluminium, aluminium anodised	* <b>1415 70 03</b>	10
Stainless steel, metal matt finish	<b>1415 70 04</b>	10

**Berker Arsys**

white glossy	<b>1415 00 02</b>	10
polar white glossy	<b>1415 00 69</b>	10
brown glossy	<b>1415 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1416 00 01</b>	10
Stainless steel, metal matt finish	<b>1416 00 04</b>	10
gold matt, aluminium anodised	<b>1416 00 02</b>	10
Stainless steel, metal matt finish, Screw-on <sup>1)</sup>	<b>1414 00 10</b>	10





DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b>		
polar white glossy <sup>3)</sup>	* 1621 20 89	10
black glossy <sup>3)</sup>	* 1621 20 45	10



<b>FLUSH-MOUNTED SPLASH-PROTECTED IP44</b>		
white glossy	1553	10
polar white glossy	1553 09	10
brown glossy	1553 11	10

<sup>1)</sup> with cover plug for screw fitting  
<sup>2)</sup> only orange and clear lenses enclosed  
<sup>3)</sup> with clear lens only

**NEW**

**Rocker with imprinted symbol for light**



**- Lens**



Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	811
Group push-button 1gang	7514 11 00	811

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	1621 60 79	10
anthracite velvety, lacquered	* 1621 60 76	10
<b>Berker R.1/R.3</b>		
polar white glossy <sup>1)</sup>	* 1621 20 79	10
black glossy <sup>1)</sup>	* 1621 20 35	10



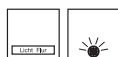
<sup>1)</sup> with clear lens only



**Rocker**

**- Labelling field**

**- Lens**



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	811
Group push-button 1gang	7514 11 00	811

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	1628 89 82	10
polar white glossy	1628 89 89	10
polar white matt	1628 19 09	10
anthracite matt	1628 16 06	10
aluminium matt, lacquered	1628 14 04	10
<b>Modul 2</b>		
white glossy <sup>1)</sup>	# 1628 02	10
polar white glossy <sup>1)</sup>	# 1628 09	10



DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety <sup>2)</sup>	<b>1628 60 89</b>	10
anthracite velvety, lacquered <sup>2)</sup>	<b>* 1628 60 86</b>	10
<b>Berker K.1/K.5</b>		
polar white glossy <sup>3)</sup>	<b>1415 71 09</b>	10
anthracite matt, lacquered <sup>3)</sup>	<b>1415 71 06</b>	10
Aluminium, aluminium anodised <sup>3)</sup>	<b>* 1415 71 03</b>	10
Stainless steel, metal matt finish <sup>3)</sup>	<b>1415 71 04</b>	10
<b>Berker Arsys</b>		
white glossy	<b>1415 02 02</b>	10
polar white glossy	<b>1415 02 69</b>	10
brown glossy	<b>1415 02 01</b>	10
light bronze matt, aluminium lacquered	<b>1416 02 01</b>	10
Stainless steel, metal matt finish	<b>1416 02 04</b>	10

<sup>1)</sup> labelling field height arranged for 9 mm P-touch strips

<sup>2)</sup> only orange and clear lenses enclosed

<sup>3)</sup> lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1628 60 79</b>	10
anthracite velvety, lacquered	<b>* 1628 60 76</b>	10



**Rocker with imprinted symbol for bell**

- Labelling field
- Lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	811
Group push-button 1gang	7514 11 00	811

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy <sup>1)</sup>	<b>1696 89 82</b>	10
polar white glossy <sup>1)</sup>	<b>1696 89 89</b>	10
polar white matt <sup>1)</sup>	<b>1696 19 09</b>	10
anthracite matt <sup>1)</sup>	<b>1696 16 06</b>	10
aluminium matt, lacquered <sup>1)</sup>	<b>1696 14 04</b>	10
<b>Berker Q.1/Q.3</b>		
polar white velvety <sup>2)</sup>	<b>1696 60 89</b>	10
anthracite velvety, lacquered <sup>2)</sup>	<b>* 1696 60 86</b>	10



**Rocker**

- Large labelling field
- Lens



Labelling field (W x H) ≈ 50.8 x 25.5 mm

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	811
Group push-button 1gang	7514 11 00	811







DESIGN	ORDER NO.	PU
<b>Berker K.1/K.5</b>		
polar white glossy <sup>3)</sup>	<b>1496 70 09</b>	10
anthracite matt, lacquered <sup>3)</sup>	<b>1496 70 06</b>	10
aluminium matt, lacquered <sup>3)</sup>	<b>* 1496 70 03</b>	10
stainless steel matt, lacquered <sup>3)</sup>	<b>1496 70 04</b>	10

<sup>1)</sup> labelling field height arranged for two 12 mm P-touch strips  
<sup>2)</sup> labelling field height arranged for two 18 mm P-touch strips, only orange and clear lenses enclosed  
<sup>3)</sup> labelling field height arranged for two 9 mm P-touch strips



**Rocker with imprinted symbol for bell**

- Large labelling field
- Lens



Labelling field (W x H) ≈ 54.8 x 42.8 mm

For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	811
Group push-button 1gang	7514 11 00	811

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>1696 60 79</b>	10
anthracite velvety, lacquered	<b>* 1696 60 76</b>	10



**Rocker with imprint "0"**

- Red lens



■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Group push-button 1gang	7514 11 00	811

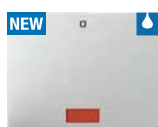
DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1624 89 82</b>	10
polar white glossy	<b>1624 89 89</b>	10
polar white matt	<b>1624 19 09</b>	10
anthracite matt	<b>1624 16 06</b>	10
aluminium matt, lacquered	<b>1624 14 04</b>	10
polar white matt, Screw-on <sup>1)</sup>	<b>1577 19 09</b>	10
anthracite matt, Screw-on <sup>1)</sup>	<b>1577 16 06</b>	10
aluminium matt, lacquered, Screw-on <sup>1)</sup>	<b>1577 14 04</b>	10

**Modul 2**

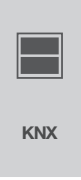
white glossy	<b># 1624 62</b>	10
polar white glossy	<b># 1624 69</b>	10
white glossy, Screw-on <sup>1)</sup>	<b># 1577 02</b>	10
polar white glossy, Screw-on <sup>1)</sup>	<b># 1577 09</b>	10



<b>Berker Q.1/Q.3</b>		
polar white velvety <sup>2)</sup>	<b>1624 60 89</b>	10
anthracite velvety, lacquered <sup>2)</sup>	<b>* 1624 60 86</b>	10



<b>Berker K.1/K.5</b>		
polar white glossy	<b>1417 71 09</b>	10
anthracite matt, lacquered	<b>1417 71 06</b>	10
Aluminium, aluminium anodised	<b>* 1417 71 03</b>	10
Stainless steel, metal matt finish	<b>1417 71 04</b>	10







**Rocker with imprint "Heizung Notschalter"**

- Red lens



Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.

**SUITABLE FOR**

Push-button 1gang  
Group push-button 1gang

**ORDER NO.**

7514 10 00  
7514 11 00

**PAGE**

811  
811

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

red glossy	<b>1621 89 02</b>	10
red matt	<b>1621 19 02</b>	10

**Modul 2**

white glossy	# <b>1707 02</b>	10
polar white glossy	# <b>1707 09</b>	10

**Berker Q.1/Q.3**

polar white velvety <sup>1)</sup>	<b>1621 60 69</b>	10
-----------------------------------	-------------------	----

**Berker K.1/K.5**

red glossy	<b>1488 71 15</b>	10
------------	-------------------	----

**Berker Arsys**

red glossy	<b>1488 00 62</b>	10
------------	-------------------	----

**Berker R.1/R.3**

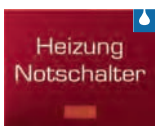
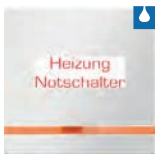
polar white glossy <sup>2)</sup>	* <b>1621 20 49</b>	10
----------------------------------	---------------------	----

**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

white glossy	<b>1568</b>	10
polar white glossy	<b>1568 09</b>	10
brown glossy	<b>1568 01</b>	10

<sup>1)</sup> with orange lens

<sup>2)</sup> with clear lens



KNX



**Centre plate with glass plate**

**- Rocker**



The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: "Notschalter", "Rauchabzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen".

Not suitable for heating systems > 50 kW.

In case of danger break glass and press rocker!

**SUITABLE FOR**

Push-button 1gang  
Group push-button 1gang

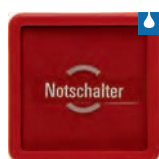
**ORDER NO.**

7514 10 00  
7514 11 00

**PAGE**

811  
811

DESIGN	ORDER NO.	PU
<b>Berker Arsys</b>		
red glossy	<b>1297 00 00</b>	10
<b>FLUSH-MOUNTED SPLASH-PROTECTED IP44</b>		
red glossy	<b>1295</b>	10



**Rocker with imprint "Heizung Notschalter - 0"**

**- Red lens**



Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

- with imprint "0"

**SUITABLE FOR**

Group push-button 1gang

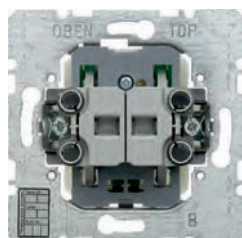
**ORDER NO.**

7514 11 00

**PAGE**

811

DESIGN	ORDER NO.	PU
<b>Modul 2</b>		
white glossy	# <b>1708 02</b>	10
polar white glossy	# <b>1708 09</b>	10
<b>FLUSH-MOUNTED SPLASH-PROTECTED IP44</b>		
white glossy	<b>1569</b>	10
polar white glossy	<b>1569 09</b>	10
brown glossy	<b>1569 01</b>	10



**Push-button 2gang**

**- integrated bus coupling unit**

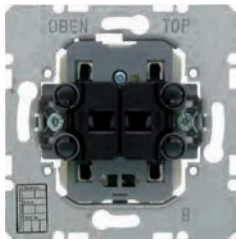


Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

Use rockers from flush-mounted ranges.

- for switch, push-button, dimmer and shutter functions
- with red programming LED and 2 red status LEDs
- with programming button
- bus connection via connecting terminal

DESIGN	ORDER NO.	PU
Push-button 2gang	<b>7514 20 00</b>	1



**Group push-button 2gang**  
- integrated bus coupling unit



Operating voltage over bus  
Power consumption, KNX  
Operating temperature  
Insertion depth

21 ... 32 V=  
≈ 108 mW  
-5 ... +45 °C  
32 mm

- for switch, push-button, dimmer and shutter functions
- with neutral-position
- with red programming LED and 2 red status LEDs
- with programming button
- bus connection via connecting terminal

Use rockers from flush-mounted ranges.

DESIGN	ORDER NO.	PU
Group push-button 2gang	<b>7514 21 00</b>	1



**Rocker 2gang**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 2gang	7514 20 00	820
Group push-button 2gang	7514 21 00	821

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>1623 89 82</b>	10
polar white glossy	<b>1623 89 89</b>	10
polar white matt	<b>1623 19 09</b>	10
anthracite matt	<b>1623 16 06</b>	10
aluminium matt, lacquered	<b>1623 14 04</b>	10
polar white matt, Screw-on <sup>1)</sup>	<b>1571 19 09</b>	10
anthracite matt, Screw-on <sup>1)</sup>	<b>1571 16 06</b>	10
aluminium matt, lacquered, Screw-on <sup>1)</sup>	<b>1571 14 04</b>	10

**Modul 2**

white glossy	# <b>1623 02</b>	10
polar white glossy	# <b>1623 09</b>	10

**Berker Q.1/Q.3**

polar white velvety	<b>1623 60 89</b>	10
anthracite velvety, lacquered	* <b>1623 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1435 70 09</b>	10
anthracite matt, lacquered	<b>1435 70 06</b>	10
Aluminium, aluminium anodised	* <b>1435 70 03</b>	10
Stainless steel, metal matt finish	<b>1435 70 04</b>	10

**Berker Arsys**

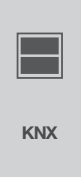
white glossy	<b>1435 00 02</b>	10
polar white glossy	<b>1435 00 69</b>	10
brown glossy	<b>1435 00 01</b>	10
light bronze matt, aluminium lacquered	<b>1434 00 01</b>	10
Stainless steel, metal matt finish	<b>1434 00 04</b>	10
Stainless steel, metal matt finish, Screw-on <sup>1)</sup>	<b>1434 00 10</b>	10

**Berker R.1/R.3**

polar white glossy	* <b>1623 20 89</b>	10
black glossy	* <b>1623 20 45</b>	10

**FLUSH-MOUNTED SPLASH-PROTECTED IP44**

white glossy	<b>1552</b>	10
polar white glossy	<b>1552 09</b>	10
brown glossy	<b>1552 11</b>	10



<sup>1)</sup> with cover plug for screw fitting



**Rocker 2gang**

- Red lens



■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Push-button 2gang	7514 20 00	820
Group push-button 2gang	7514 21 00	821

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7**

Rocker 2gang, white glossy	<b>1627 89 82</b>	10
Rocker 2gang, polar white glossy	<b>1627 89 89</b>	10
Rocker 2gang, polar white matt	<b>1627 19 09</b>	10
Rocker 2gang, anthracite matt	<b>1627 16 06</b>	10
Rocker 2gang, aluminium matt, lacquered	<b>1627 14 04</b>	10

**Modul 2**

Rocker 2gang, white glossy	# <b>1627 02</b>	10
Rocker 2gang, polar white glossy	# <b>1627 09</b>	10



**Berker Q.1/Q.3**

Rocker 2gang, polar white velvety <sup>1)</sup>	<b>1627 60 89</b>	10
Rocker 2gang, anthracite velvety, lacquered <sup>1)</sup>	* <b>1627 60 86</b>	10



**Berker K.1/K.5**

Rocker 2gang, polar white glossy	<b>1437 70 09</b>	10
Rocker 2gang, anthracite matt, lacquered	<b>1437 70 06</b>	10
Rocker 2gang, aluminium matt, lacquered	* <b>1437 70 03</b>	10
Rocker 2gang, stainless steel matt, lacquered	<b>1437 70 04</b>	10



**Berker Arsys**

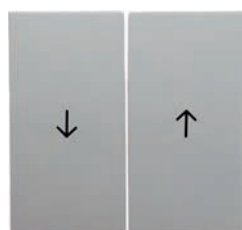
Rocker 2gang, white glossy	<b>1437 00 02</b>	10
Rocker 2gang, polar white glossy	<b>1437 00 69</b>	10
Rocker 2gang, brown glossy	<b>1437 00 01</b>	10



**Berker R.1/R.3**

Rocker 2gang, polar white glossy <sup>2)</sup>	* <b>1627 20 89</b>	10
Rocker 2gang, black glossy <sup>2)</sup>	* <b>1627 20 45</b>	10

<sup>1)</sup> with orange and clear lens  
<sup>2)</sup> with clear lens



**Rocker 2gang with imprinted arrow symbol**

SUITABLE FOR	ORDER NO.	PAGE
Push-button 2gang	7514 20 00	820

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7**

white glossy	<b>1625 89 82</b>	10
polar white glossy	<b>1625 89 89</b>	10
polar white matt	<b>1625 19 09</b>	10
anthracite matt	<b>1625 16 06</b>	10
aluminium matt, lacquered	<b>1625 14 04</b>	10

**Modul 2**

white glossy	# <b>1625 12</b>	10
polar white glossy	# <b>1625 19</b>	10



**Berker Q.1/Q.3**

polar white velvety	<b>1625 60 89</b>	10
anthracite velvety, lacquered	* <b>1625 60 86</b>	10

DESIGN	ORDER NO.	PU
<b>Berker K.1/K.5</b>		
polar white glossy	1435 71 09	10
anthracite matt, lacquered	1435 71 06	10
Aluminium, aluminium anodised	* 1435 71 03	10
Stainless steel, metal matt finish	1435 71 04	10
<b>Berker Arsys</b>		
white glossy	1435 01 02	10
polar white glossy	1435 01 69	10
brown glossy	1435 01 01	10
Stainless steel, metal matt finish	1434 01 04	10
gold matt, aluminium anodised	1434 01 02	10
<b>Berker R.1/R.3</b>		
polar white glossy	* 1625 20 89	10
black glossy	* 1625 20 45	10
<b>FLUSH-MOUNTED SPLASH-PROTECTED IP44</b>		
white glossy	1552 22	10
polar white glossy	1552 29	10
brown glossy	1552 21	10

DESIGN	ORDER NO.	PU
<b>Rocker 2gang with imprinted arrows symbol</b>		
	<b>SUITABLE FOR</b>	<b>ORDER NO.</b>
	Group push-button 2gang	7514 21 00
	<b>PAGE</b>	821
DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	1644 89 82	10
polar white glossy	1644 89 89	10
polar white matt	1644 19 09	10
anthracite matt	1644 16 06	10
aluminium matt, lacquered	1644 14 04	10
<b>Modul 2</b>		
white glossy	# 1644 02	10
polar white glossy	# 1644 09	10
<b>Berker Q.1/Q.3</b>		
polar white velvety	1644 60 89	10
anthracite velvety, lacquered	* 1644 60 86	10
<b>Berker K.1/K.5</b>		
polar white glossy	1435 72 09	10
anthracite matt, lacquered	1435 72 06	10
Aluminium, aluminium anodised	* 1435 72 03	10
Stainless steel, metal matt finish	1435 72 04	10
<b>Berker Arsys</b>		
white glossy	1435 03 02	10
polar white glossy	1435 03 69	10
brown glossy	1435 03 01	10
light bronze matt, aluminium lacquered	1434 03 01	10
Stainless steel, metal matt finish	1434 03 04	10
gold matt, aluminium anodised	1434 03 02	10
<b>Berker R.1/R.3</b>		
polar white glossy	* 1644 20 89	10
black glossy	* 1644 20 45	10



Surface-mounted wet-room installation



**Push-button 1gang surface-mounted**  
 - integrated bus coupling unit



Operating voltage over bus 21 ... 32 V=  
 Power consumption, KNX ≈ 108 mW  
 Operating temperature -5 ... +45 °C

Degree of protection IP44 with mounted rocker.

- for switch and push-button functions
- with red programming LED and red status LED
- with programming button
- bus connection via connecting terminal
- Wago clip-in 3-wire connection terminal for wiring

DESIGN	ORDER NO.	PU
<b>Aquatec IP44</b>		
light grey	<b>7519 10 00</b>	1



**Group push-button 1gang surface mounted**  
 - integrated bus coupling unit



Operating voltage over bus 21 ... 32 V=  
 Power consumption, KNX ≈ 108 mW  
 Operating temperature -5 ... +45 °C

Degree of protection IP44 with mounted rocker.

- for switch, push-button, dimmer and shutter functions
- with neutral-position
- with red programming LED and red status LED
- with programming button
- bus connection via connecting terminal
- Wago clip-in 3-wire connection terminal for wiring

DESIGN	ORDER NO.	PU
<b>Aquatec IP44</b>		
light grey	<b>7519 11 00</b>	1



**Rocker**

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang surface-mounted	7519 10 00	824
Group push-button 1gang surface mounted	7519 11 00	824

DESIGN	ORDER NO.	PU
<b>Aquatec IP44</b>		
grey	<b>7599 10 00</b>	10



**Rocker**

- Lens



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang surface-mounted	7519 10 00	824
Group push-button 1gang surface mounted	7519 11 00	824

DESIGN	ORDER NO.	PU
<b>Aquatec IP44</b>		
grey	<b>7599 11 00</b>	10



**Rocker**

- Labelling field



For labelling with names, notes etc.

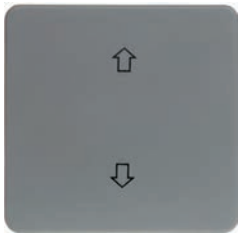
Labelling field height designed for 6 mm P-touch strip.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang surface-mounted	7519 10 00	824
Group push-button 1gang surface mounted	7519 11 00	824

DESIGN	ORDER NO.	PU
<b>Aquatec IP44</b>		
grey	<b>7599 13 00</b>	10





**Rocker with imprinted arrows symbol**

DESIGN  
**Aquatec IP44**  
grey

■ also for KNX applications: group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Group push-button 1gang surface mounted	7519 11 00	824
ORDER NO.		PU
<b>7599 12 00</b>		10



**Centre plate with glass plate**

- Rocker



The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: "Notschalter", "Rauchabzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen".

Not suitable for heating systems > 50 kW.

In case of danger break glass and press rocker!

DESIGN  
**Aquatec IP44**  
red

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang surface-mounted	7519 10 00	824
On/off switch 2pole with upper casing and imprint "0 - 1" surface-mounted	6130 72 15	679
Change-over switch with upper casing surface-mounted	6130 76 15	675
Intermediate switch with upper casing surface-mounted	6130 77 15	675
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 7 ..	676
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	678
Group push-button 1gang surface mounted	7519 11 00	824
ORDER NO.		PU
<b>1290 99 05</b>		10



**Push-button 2gang surface-mounted**

- integrated bus coupling unit



Operating voltage over bus 21 ... 32 V=  
Power consumption, KNX ≈ 108 mW  
Operating temperature -5 ... +45 °C

Degree of protection IP44 with mounted rocker.

DESIGN  
**Aquatec IP44**  
light grey

- for switch, push-button, dimmer and shutter functions
- with red programming LED and 2 red status LEDs
- with programming button
- bus connection via connecting terminal
- Wago clip-in 3-wire connection terminal for wiring

ORDER NO.	PAGE
<b>7519 20 00</b>	1



**Surface mounted group push-button 2gang**

- integrated bus coupling unit



Operating voltage over bus 21 ... 32 V=  
Power consumption, KNX ≈ 108 mW  
Operating temperature -5 ... +45 °C


Degree of protection IP44 with mounted rocker.

DESIGN  
**Aquatec IP44**  
light grey


- for switch, push-button, dimmer and shutter functions
- with neutral-position
- with red programming LED and 2 red status LEDs
- with programming button
- bus connection via connecting terminal
- Wago clip-in 3-wire connection terminal for wiring

ORDER NO.	PAGE
<b>7519 21 00</b>	1



	<b>Rocker 2gang</b>		<ul style="list-style-type: none"> <li>also for KNX applications: push-button, 2gang, and group push-button, 2gang</li> </ul>									
	DESIGN	<b>Aquatec IP44</b>	<table border="1"> <thead> <tr> <th>SUITABLE FOR</th> <th>ORDER NO.</th> <th>PAGE</th> </tr> </thead> <tbody> <tr> <td>Push-button 2gang surface-mounted</td> <td>7519 20 00</td> <td>825</td> </tr> <tr> <td>Surface mounted group push-button 2gang</td> <td>7519 21 00</td> <td>825</td> </tr> </tbody> </table>	SUITABLE FOR	ORDER NO.	PAGE	Push-button 2gang surface-mounted	7519 20 00	825	Surface mounted group push-button 2gang	7519 21 00	825
	SUITABLE FOR	ORDER NO.	PAGE									
Push-button 2gang surface-mounted	7519 20 00	825										
Surface mounted group push-button 2gang	7519 21 00	825										
grey		<table border="1"> <thead> <tr> <th>ORDER NO.</th> <th>PU</th> </tr> </thead> <tbody> <tr> <td><b>7599 20 00</b></td> <td>10</td> </tr> </tbody> </table>	ORDER NO.	PU	<b>7599 20 00</b>	10						
ORDER NO.	PU											
<b>7599 20 00</b>	10											

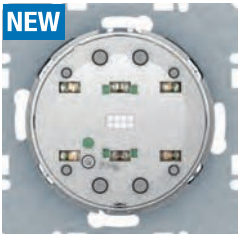

	<b>Rocker 2gang with imprinted arrow symbol</b>		<ul style="list-style-type: none"> <li>also for KNX applications: push-button, 2gang</li> </ul>						
	DESIGN	<b>Aquatec IP44</b>	<table border="1"> <thead> <tr> <th>SUITABLE FOR</th> <th>ORDER NO.</th> <th>PAGE</th> </tr> </thead> <tbody> <tr> <td>Push-button 2gang surface-mounted</td> <td>7519 20 00</td> <td>825</td> </tr> </tbody> </table>	SUITABLE FOR	ORDER NO.	PAGE	Push-button 2gang surface-mounted	7519 20 00	825
	SUITABLE FOR	ORDER NO.	PAGE						
Push-button 2gang surface-mounted	7519 20 00	825							
grey		<table border="1"> <thead> <tr> <th>ORDER NO.</th> <th>PU</th> </tr> </thead> <tbody> <tr> <td><b>7599 21 00</b></td> <td>10</td> </tr> </tbody> </table>	ORDER NO.	PU	<b>7599 21 00</b>	10			
ORDER NO.	PU								
<b>7599 21 00</b>	10								



	<b>Rocker 2gang with imprinted arrows symbol</b>		<ul style="list-style-type: none"> <li>also for KNX applications: group push-button, 2gang</li> </ul>						
	DESIGN	<b>Aquatec IP44</b>	<table border="1"> <thead> <tr> <th>SUITABLE FOR</th> <th>ORDER NO.</th> <th>PAGE</th> </tr> </thead> <tbody> <tr> <td>Surface mounted group push-button 2gang</td> <td>7519 21 00</td> <td>825</td> </tr> </tbody> </table>	SUITABLE FOR	ORDER NO.	PAGE	Surface mounted group push-button 2gang	7519 21 00	825
	SUITABLE FOR	ORDER NO.	PAGE						
Surface mounted group push-button 2gang	7519 21 00	825							
grey		<table border="1"> <thead> <tr> <th>ORDER NO.</th> <th>PU</th> </tr> </thead> <tbody> <tr> <td><b>7599 22 00</b></td> <td>10</td> </tr> </tbody> </table>	ORDER NO.	PU	<b>7599 22 00</b>	10			
ORDER NO.	PU								
<b>7599 22 00</b>	10								

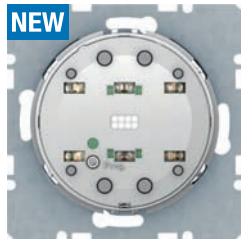
**BERKER R.1/R.3 - PUSH-BUTTONS/TOUCH SENSORS**

**Push-buttons comfort**

- For suitable frames in the same "style" for additional applications, see the Design line R.1/R.3
- For additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3

	<b>Push-button module 1gang comfort</b>		<ul style="list-style-type: none"> <li>for switch, push-button, dimmer and shutter functions</li> <li>extension unit for light scene push-button</li> <li>with white operation LED and 2 RGB status LEDs (amber/green/blue)</li> <li>LED colour, brightness and display function adjustable for status LED, e.g. for day/night operation</li> <li>single and two push-button operation parameterisable</li> <li>one push-button operation for switching, pushing, shutters and dimming</li> <li>second operating channel can be set per button for switching or value transmitter</li> <li>activation of second user level via object</li> <li>value transmitter for dimming, position, brightness and temperature values 1 and 2 byte</li> </ul>
	<b>- integrated bus coupling unit</b>		
	 <p>Insertion depth 18.4 mm</p> <p>Operating temperature -5 ... +45 °C</p>		
DESIGN	<b>Push-button module 1gang comfort</b>	ORDER NO.	PU
		<b>* 7504 10 04</b>	1

	<b>Touch cover 1gang for push-button module</b>		<ul style="list-style-type: none"> <li>with 2 clear lenses for the RGB status display of the push-button module</li> </ul>
	<b>- Clear lenses</b>		
	 <p>DESIGN</p> <p><b>Berker R.1/R.3</b></p> <p>polar white glossy</p> <p>black glossy</p>		ORDER NO.
		<b>* 7516 18 69</b>	1
		<b>* 7516 18 65</b>	1



**Push-button module 2gang comfort**

**- integrated bus coupling unit**



Insertion depth 18.4 mm  
Operating temperature -5 ... +45 °C

- for switch, push-button, dimmer and shutter functions
- extension unit for light scene push-button
- with white operation LED and 4 RGB status LEDs (amber/green/blue)
- LED colour, brightness and display function adjustable for status LED, e.g. for day/night operation
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- second operating channel can be set per button for switching or value transmitter
- activation of second user level via object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

DESIGN	ORDER NO.	PU
Push-button module 2gang comfort	<b>* 7504 20 04</b>	1



**Touch cover 2gang for push-button module**

**- Clear lenses**

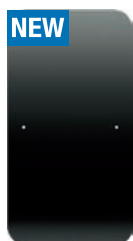


DESIGN	ORDER NO.	PU
<b>Berker R.1/R.3</b> polar white glossy	<b>* 7516 28 69</b>	1
black glossy	<b>* 7516 28 65</b>	1

- with 4 clear lenses for the RGB status display of the push-button module

**Touch sensors comfort**

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Bus connection via connecting terminal
- For mounting on a double box, e.g. order no. 1809 (flush mounting) or 1824 (hollow wall mounting)
- For vertical mounting
- With dismantling protection via a screw on the fastening ring



**Touch sensor 1gang comfort**

**- integrated bus coupling unit**



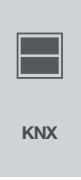
Operating voltage 21 ... 32 V=  
Current consumption 12.5 mA  
Operating temperature -5 ... +45 °C  
Dimensions (W x H x D) 81 x 152 x 10 mm

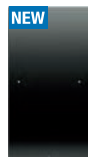
- with blue operation LED and 2 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

SUITABLE FOR optional	ORDER NO.	PAGE
Temperature sensor	161	152
Wall box	1809	593
Wall box for installation in hollow walls	1824	593

**i 977**

DESIGN	ORDER NO.	PU
<b>Berker R.1</b> glass polar white	<b>* 7514 18 60</b>	1
glass black	<b>* 7514 18 65</b>	1





**Berker R.1 - configured**

glass polar white	★ 7514 11 60	1
glass black	★ 7514 11 65	1

**Berker R.3**

glass polar white	★ 7514 18 50	1
glass black	★ 7514 18 55	1

**Berker R.3 - configured**

glass polar white	★ 7514 11 50	1
glass black	★ 7514 11 55	1



**Touch sensor 2gang comfort**

**- integrated bus coupling unit**



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

SUITABLE FOR optional	ORDER NO.	PAGE
Temperature sensor	161	152
Wall box	1809	593
Wall box for installation in hollow walls	1824	593

**i 977**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker R.1**

glass polar white	★ 7514 28 60	1
glass black	★ 7514 28 65	1

**Berker R.1 - configured**

glass polar white	★ 7514 21 60	1
glass black	★ 7514 21 65	1

**Berker R.3**

glass polar white	★ 7514 28 50	1
glass black	★ 7514 28 55	1

**Berker R.3 - configured**

glass polar white	★ 7514 21 50	1
glass black	★ 7514 21 55	1



**Touch sensor 3gang comfort**

**- integrated bus coupling unit**



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

SUITABLE FOR optional	ORDER NO.	PAGE
Temperature sensor	161	152
Wall box	1809	593
Wall box for installation in hollow walls	1824	593

**i 977**

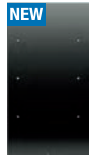
DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker R.1**

glass polar white	★ 7514 38 60	1
glass black	★ 7514 38 65	1

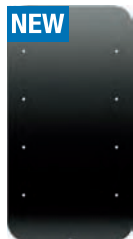
**Berker R.1 - configured**

glass polar white	★ 7514 31 60	1
glass black	★ 7514 31 65	1



DESIGN	ORDER NO.	PU
<b>Berker R.3</b>		
glass polar white	* 7514 38 50	1
glass black	* 7514 38 55	1

<b>Berker R.3 - configured</b>		
glass polar white	* 7514 31 50	1
glass black	* 7514 31 55	1



**Touch sensor 4gang comfort**  
- integrated bus coupling unit



Operating voltage 21 ... 32 V=  
 Current consumption 12.5 mA  
 Operating temperature -5 ... +45 °C  
 Dimensions (W x H x D) 81 x 152 x 10 mm

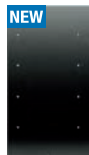
- with blue operation LED and 8 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Temperature sensor	161	152
Wall box	1809	593
Wall box for installation in hollow walls	1824	593

**i 977**

DESIGN	ORDER NO.	PU
<b>Berker R.1</b>		
glass polar white	* 7514 48 60	1
glass black	* 7514 48 65	1

<b>Berker R.1 - configured</b>		
glass polar white	* 7514 41 60	1
glass black	* 7514 41 65	1



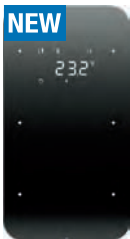
<b>Berker R.3</b>		
glass polar white	* 7514 48 50	1
glass black	* 7514 48 55	1

<b>Berker R.3 - configured</b>		
glass polar white	* 7514 41 50	1
glass black	* 7514 41 55	1



**Touch sensors with thermostat**

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LED display with symbol display
- With 2 additional sensor surfaces for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Provision of the internal temperature value via communication object
- Temperature control via local measurement or measured value via object
- With valve protection function
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Separate auxiliary power supply needed
- Operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- Bus connection via connecting terminal
- For mounting on a double box, e.g. order no. 1809 (flush mounting) or 1824 (hollow wall mounting)
- For vertical mounting
- With dismantling protection via a screw on the fastening ring



**Touch sensor 2gang with thermostat**

**- integrated bus coupling unit**



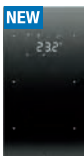
Operating voltage 21 ... 32 V=  
 Current consumption 23 mA  
 Operating temperature -5 ... +45 °C  
 Dimensions (W x H x D) 81 x 152 x 10 mm  
 Only suitable for KNX.

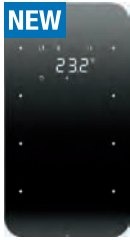
- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

SUITABLE FOR optional	ORDER NO.	PAGE
Temperature sensor	161	152
Wall box	1809	593
Wall box for installation in hollow walls	1824	593

**i 977**

DESIGN	ORDER NO.	PU
<b>Berker R.1</b>		
glass polar white	★ 7564 20 60	1
glass black	★ 7564 20 65	1
<b>Berker R.1 - configured</b>		
glass polar white	★ 7564 21 60	1
glass black	★ 7564 21 65	1
<b>Berker R.3</b>		
glass polar white	★ 7564 20 50	1
glass black	★ 7564 20 55	1
<b>Berker R.3 - configured</b>		
glass polar white	★ 7564 21 50	1
glass black	★ 7564 21 55	1





**Touch sensor 3gang with thermostat**

**- integrated bus coupling unit**



Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

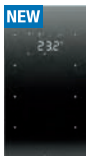
Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Temperature sensor	161	152
Wall box	1809	593
Wall box for installation in hollow walls	1824	593

**i 977**

DESIGN	ORDER NO.	PU
<b>Berker R.1</b>		
glass polar white	* 7564 30 60	1
glass black	* 7564 30 65	1
<b>Berker R.1 - configured</b>		
glass polar white	* 7564 31 60	1
glass black	* 7564 31 65	1
<b>Berker R.3</b>		
glass polar white	* 7564 30 50	1
glass black	* 7564 30 55	1
<b>Berker R.3 - configured</b>		
glass polar white	* 7564 31 50	1
glass black	* 7564 31 55	1



**BERKER B.IQ**

- For suitable frames in the same "style" for additional applications, see the Design line B.7
- For additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x

**Push-buttons**

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- For installation in single standard wall boxes
- With dismantling protection



**Bus coupling unit flush-mounted**

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Insertion depth	23 mm

- with programming button and red programming LED
- as interface between KNX user module and bus line
- bus connection via connecting terminal
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Protective cover	7500 00 07	894
Blind plug for bus coupling unit	7594 02 ..	894

DESIGN	ORDER NO.	PU
Bus coupling unit flush-mounted	<b>7504 00 01</b>	1





**B.IQ push-button 1gang comfort**

Operating temperature -5 ... +45 °C  
 Dimensions (W x H) 88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 2 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 831
<b>optional</b>		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7516 15 99</b>	1
Aluminium, aluminium anodised	★ <b>7516 15 94</b>	1
Stainless steel, metal brushed	<b>7516 15 93</b>	1
glass polar white	★ <b>7516 15 90</b>	1
glass black	★ <b>7516 15 92</b>	1



**B.IQ push-button 2gang comfort**

Operating temperature -5 ... +45 °C  
 Dimensions (W x H) 88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 4 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 831
<b>optional</b>		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7516 25 99</b>	1
Aluminium, aluminium anodised	★ <b>7516 25 94</b>	1
Stainless steel, metal brushed	<b>7516 25 93</b>	1
glass polar white	★ <b>7516 25 90</b>	1
glass black	★ <b>7516 25 92</b>	1





**B.IQ push-button 3gang comfort**

Operating temperature -5 ... +45 °C  
Dimensions (W x H) 88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 6 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 831
<b>optional</b>		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7516 35 99</b>	1
Aluminium, aluminium anodised	* <b>7516 35 94</b>	1
Stainless steel, metal brushed	<b>7516 35 93</b>	1
glass polar white	* <b>7516 35 90</b>	1
glass black	* <b>7516 35 92</b>	1



**B.IQ push-button 4gang comfort**

Operating temperature -5 ... +45 °C  
Dimensions (W x H) 88.5 x 118.1 mm

- single and two push-button operation parameterisable
- lockable via 3-button actuation
- one push-button operation for switching, pushing, shutters and dimming
- second operating level via object or 3-button handle
- with blue operation LED and 8 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 831
<b>optional</b>		
B.IQ labelling field for push-buttons 4gang	7590 00 81	582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7516 45 99</b>	1
Aluminium, aluminium anodised	* <b>7516 45 94</b>	1
Stainless steel, metal brushed	<b>7516 45 93</b>	1
glass polar white	* <b>7516 45 90</b>	1
glass black	* <b>7516 45 92</b>	1





NEW

**B.IQ push-button 1gang**

Operating temperature  
Dimensions (W x H)

-5 ... +45 °C  
88.5 x 88.5 mm

- with blue operation LED and 2 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Bus coupling unit flush-mounted		page 831
<b>optional</b>		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7516 10 99</b>	1
Aluminium, aluminium anodised	★ <b>7516 10 94</b>	1
Stainless steel, metal brushed	<b>7516 10 93</b>	1
glass polar white	★ <b>7516 10 90</b>	1
glass black	★ <b>7516 10 92</b>	1



NEW

**B.IQ push-button 2gang**

Operating temperature  
Dimensions (W x H)

-5 ... +45 °C  
88.5 x 88.5 mm

- with blue operation LED and 4 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Bus coupling unit flush-mounted		page 831
<b>optional</b>		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7516 20 99</b>	1
Aluminium, aluminium anodised	★ <b>7516 20 94</b>	1
Stainless steel, metal brushed	<b>7516 20 93</b>	1
glass polar white	★ <b>7516 20 90</b>	1
glass black	★ <b>7516 20 92</b>	1



NEW

**B.IQ push-button 3gang**

Operating temperature  
Dimensions (W x H)

-5 ... +45 °C  
88.5 x 88.5 mm

- with blue operation LED and 6 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Bus coupling unit flush-mounted		page 831
<b>optional</b>		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7516 30 99</b>	1
Aluminium, aluminium anodised	★ <b>7516 30 94</b>	1
Stainless steel, metal brushed	<b>7516 30 93</b>	1
glass polar white	★ <b>7516 30 90</b>	1
glass black	★ <b>7516 30 92</b>	1

**NEW**



**B.IQ push-button 4gang**

Operating temperature -5 ... +45 °C  
Dimensions (W x H) 88.5 x 118.1 mm

- with blue operation LED and 8 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 831
<b>optional</b>		
B.IQ labelling field for push-buttons 4gang	7590 00 81	582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7516 40 99</b>	1
Aluminium, aluminium anodised	* <b>7516 40 94</b>	1
Stainless steel, metal brushed	<b>7516 40 93</b>	1
glass polar white	* <b>7516 40 90</b>	1
glass black	* <b>7516 40 92</b>	1

**Light scenes push-buttons**

**NEW**



**B.IQ push-button 4gang for light scenes**

Number of load groups (increase on cascading) 8  
Light scenes max. 8  
Operating temperature -5 ... +45 °C  
Dimensions (W x H) 88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- second operating level for setting load groups via 3-button actuation
- with blue operation LED and 8 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte
- for installation in single standard wall boxes
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 831
<b>optional</b>		
B.IQ labelling field for push-buttons 4gang	7590 00 81	582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7516 86 99</b>	1
Aluminium, aluminium anodised	* <b>7516 86 94</b>	1
Stainless steel, metal brushed	<b>7516 86 93</b>	1
glass polar white	* <b>7516 86 90</b>	1
glass black	* <b>7516 86 92</b>	1



KNX

**Push-buttons with thermostat**

- For switch, push-button, dimmer, blind and thermostat functions
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- With 2 white status LEDs per rocker (labelling field illumination)
- With blue operation LED
- Area dimming
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- Provision of the internal temperature value via communication object
- With valve protection function
- With room temperature timer and 2-week timer functions
- Button help function can be activated
- Control parameter for heating / cooling unit preset
- For installation in single standard wall boxes
- For continuous (PI) or switched (2-point) control of max. 2 control circuits
- With dismantling protection
- Text display (ASCII-format)
- LC display with symbols and illumination switchable via object
- With flash-controller technology
- Single and two push-button operation parameterisable
- Blind operation concept short-long-short and long-short parameterisable
- Cyclic transmission can also be started via switching object
- With button blocking function
- Rockers or push-button lockable via object
- End customer display scope parameterisable
- Indicator objects for heating and cooling
- Object for controller status
- Separate object for window contact
- Programmable from ETS2, V1.2a
- Alarm telegram after disconnection from bus coupling unit 1 bit, 1 or 2 byte
- Presence button parameterisable to extend comfort
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte



**Flush-mounted bus coupling unit for B.IQ with thermostat**

Operating voltage over bus 21 ... 32 V=  
 Operating temperature -5 ... +45 °C  
 Insertion depth 20 mm

- for B.IQ push-buttons with thermostat and display or Bluetooth gateways
- with programming button and red programming LED
- bus connection via connecting terminal
- without spreader claws

SUITABLE FOR optional	ORDER NO.	PAGE
Protective cover	7500 00 07	894
Blind plug for bus coupling unit	7594 02 ..	893

DESIGN	ORDER NO.	PU
Flush-mounted bus coupling unit for B.IQ with thermostat	<b>7504 00 03</b>	1

**NEW**



**B.IQ push-button 3gang with thermostat**

**- Display**



Operating temperature -5 ... +45 °C  
Dimensions (W x H) 88.5 x 119.6 mm

**SUITABLE FOR**

Flush-mounted bus coupling unit for B.IQ with thermostat

**optional**

B.IQ labelling field for push-buttons 1 to 3gang

**ORDER NO.**

7590 00 80

**PAGE**

page 836

582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7566 35 99</b>	1
Aluminium, aluminium anodised	<b>* 7566 35 94</b>	1
Stainless steel, metal brushed	<b>7566 35 93</b>	1
glass polar white	<b>* 7566 35 90</b>	1
glass black	<b>* 7566 35 92</b>	1

**NEW**



**B.IQ push-button 4gang with thermostat**

**- Display**



Operating temperature -5 ... +45 °C  
Dimensions (W x H) 88.5 x 149.2 mm

**SUITABLE FOR**

Flush-mounted bus coupling unit for B.IQ with thermostat

**optional**

B.IQ labelling field for push-buttons 4gang

**ORDER NO.**

7590 00 81

**PAGE**

page 836

582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7566 45 99</b>	1
Aluminium, aluminium anodised	<b>* 7566 45 94</b>	1
Stainless steel, metal brushed	<b>7566 45 93</b>	1
glass polar white	<b>* 7566 45 90</b>	1
glass black	<b>* 7566 45 92</b>	1

**NEW**



**B.IQ push-button 5gang with thermostat**

**- Display**



Operating temperature -5 ... +45 °C  
Dimensions (W x H) 88.5 x 178.8 mm

**SUITABLE FOR**

Flush-mounted bus coupling unit for B.IQ with thermostat

**optional**

B.IQ labelling field for push-buttons 5gang

**ORDER NO.**

7590 00 82

**PAGE**

page 836

582

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7566 55 99</b>	1
Aluminium, aluminium anodised	<b>* 7566 55 94</b>	1
Stainless steel, metal brushed	<b>7566 55 93</b>	1
glass polar white	<b>* 7566 55 90</b>	1
glass black	<b>* 7566 55 92</b>	1



KNX



**B.IQ IR push-button 3gang with thermostat**

**- Display**



Operating temperature -5 ... +45 °C  
 Dimensions (W x H) 88.5 x 128.6 mm

■ IR telegram with RC5 coding parameterisable per push-button

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat		page 836
<b>optional</b>		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	582
Hand-held transmitter for B.IQ IR push-button	2779	839

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7566 36 99</b>	1
Aluminium, aluminium anodised	<b>* 7566 36 94</b>	1
Stainless steel, metal brushed	<b>7566 36 93</b>	1
glass polar white	<b>* 7566 36 90</b>	1
glass black	<b>* 7566 36 92</b>	1



**B.IQ IR push-button 4gang with thermostat**

**- Display**



Operating temperature -5 ... +45 °C  
 Dimensions (W x H) 88.5 x 158.2 mm

■ IR telegram with RC5 coding parameterisable per push-button

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat		page 836
<b>optional</b>		
B.IQ labelling field for push-buttons 4gang	7590 00 81	582
Hand-held transmitter for B.IQ IR push-button	2779	839

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7566 46 99</b>	1
Aluminium, aluminium anodised	<b>* 7566 46 94</b>	1
Stainless steel, metal brushed	<b>7566 46 93</b>	1
glass polar white	<b>* 7566 46 90</b>	1
glass black	<b>* 7566 46 92</b>	1



**B.IQ IR push-button 5gang with thermostat**

**- Display**



Operating temperature -5 ... +45 °C  
 Dimensions (W x H) 88.5 x 187.8 mm

■ IR telegram with RC5 coding parameterisable per push-button

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat		page 836
<b>optional</b>		
B.IQ labelling field for push-buttons 5gang	7590 00 82	582
Hand-held transmitter for B.IQ IR push-button	2779	839

**i 978**

DESIGN	ORDER NO.	PU
polar white matt	<b>7566 56 99</b>	1
Aluminium, aluminium anodised	<b>* 7566 56 94</b>	1
Stainless steel, metal brushed	<b>7566 56 93</b>	1
glass polar white	<b>* 7566 56 90</b>	1
glass black	<b>* 7566 56 92</b>	1



**Hand-held transmitter for B.IQ IR push-button**

Operating voltage	6 V=
IR range	≈ 10 m
Number of IR channels	24
Dimensions (L x W x H)	192 x 53 x 23 mm
Battery service life [years]	≈ 3

- RC5 code
- with 3 channel group LEDs (also transmission and battery status LEDs)
- with 3 channel group buttons A, B, C
- with 8 channel buttons (on/off; dimmer)
- with child lock

The required batteries 4 x Micro, alkaline (LR 03) are not in scope of delivery.  
For battery-operated IR remote control of all assigned IR receivers.

SUITABLE FOR	ORDER NO.	PAGE
B.IQ IR push-button 3g. w. thermostat	7566 36 9 ..	581
B.IQ IR push-button 4g. w. thermostat	7566 46 9 ..	581
B.IQ IR push-button 5g. w. thermostat	7566 56 9 ..	581

DESIGN	ORDER NO.	PU
anthracite matt	<b>2779</b>	1

**Labelling fields**



**B.IQ labelling field for push-buttons 1 to 3gang**

Dimensions (W x H x D)	151.6 x 85 x 5.7 mm
------------------------	---------------------

- can be illuminated by status LED

**i 978**

DESIGN	ORDER NO.	PU
clear, transparent	<b>7590 00 80</b>	1



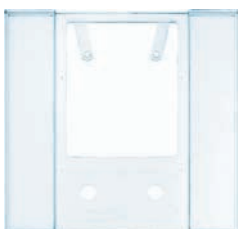
**B.IQ labelling field for push-buttons 4gang**

Dimensions (W x H x D)	151.6 x 114.6 x 5.7 mm
------------------------	------------------------

- can be illuminated by status LED

**i 978**

DESIGN	ORDER NO.	PU
clear, transparent	<b>7590 00 81</b>	1



**B.IQ labelling field for push-buttons 5gang**

Dimensions (W x H x D)	151.6 x 144.2 x 5.7 mm
------------------------	------------------------

- can be illuminated by status LED

**i 978**

DESIGN	ORDER NO.	PU
clear, transparent	<b>7590 00 82</b>	1



**BERKER TS SENSOR**

**Glass sensors comfort**

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Operation with non-choked output of KNX voltage supply (pay attention to current consumption)
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool

**NEW**



**Glass sensor 1gang comfort**

**- integrated bus coupling unit**



Operating voltage 21 ... 32 V=  
 Current consumption 12.5 mA  
 Operating temperature -5 ... +45 °C  
 Dimensions (W x H x D) 86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 2 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	605
<b>optional</b>		
Temperature sensor	161	152

**i 978**

DESIGN	ORDER NO.	PU
<b>Berker TS Sensor</b>		
glass polar white	★ 7514 18 30	1
glass black	★ 7514 18 35	1
glass aluminium	★ 7514 10 34	1
<b>Berker TS Sensor - configured</b>		
glass polar white	★ 7514 19 30	1
glass black	★ 7514 19 35	1
glass aluminium	★ 7514 11 34	1

**NEW**



**Glass sensor 2gang comfort**

**- integrated bus coupling unit**



Operating voltage 21 ... 32 V=  
 Current consumption 12.5 mA  
 Operating temperature -5 ... +45 °C  
 Dimensions (W x H x D) 86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	605
<b>optional</b>		
Temperature sensor	161	152

**i 978**

DESIGN	ORDER NO.	PU
<b>Berker TS Sensor</b>		
glass polar white	★ 7514 28 30	1
glass black	★ 7514 28 35	1
glass aluminium	★ 7514 20 34	1



**Berker TS Sensor - configured**

glass polar white	* 7514 29 30	1
glass black	* 7514 29 35	1
glass aluminium	* 7514 21 34	1

NEW

**Glass sensor 3gang comfort**

**- integrated bus coupling unit**



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	605
<b>optional</b>		
Temperature sensor	161	152

**i 978**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker TS Sensor**

glass polar white	* 7514 38 30	1
glass black	* 7514 38 35	1
glass aluminium	* 7514 30 34	1

**Berker TS Sensor - configured**

glass polar white	* 7514 39 30	1
glass black	* 7514 39 35	1
glass aluminium	* 7514 31 34	1

NEW

**Glass sensor 4gang comfort**

**- integrated bus coupling unit**



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 8 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	605
<b>optional</b>		
Temperature sensor	161	152

**i 978**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker TS Sensor**

glass polar white	* 7514 48 30	1
glass black	* 7514 48 35	1
glass aluminium	* 7514 40 34	1

**Berker TS Sensor - configured**

glass polar white	* 7514 49 30	1
glass black	* 7514 49 35	1
glass aluminium	* 7514 41 34	1



KNX

**Glass sensors with thermostat**

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LED display with symbol display
- With 2 additional sensor surfaces for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Temperature control via local measurement or measured value via object
- With valve protection function
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Separate auxiliary power supply needed
- Operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection and shadow gap formation
- With disassembly suction tool



**Glass sensor 2gang with thermostat**

**- integrated bus coupling unit**



Operating voltage 21 ... 32 V=  
 Current consumption 23 mA  
 Operating temperature -5 ... +45 °C  
 Dimensions (W x H x D) 86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	605
<b>optional</b>		
Temperature sensor	161	152

**i 978**

DESIGN	ORDER NO.	PU
<b>Berker TS Sensor</b>		
glass polar white	★ 7564 20 30	1
glass black	7564 20 35	1
glass aluminium	7564 20 34	1
<b>Berker TS Sensor - configured</b>		
glass polar white	★ 7564 21 30	1
glass black	7564 21 35	1
glass aluminium	7564 21 34	1



**Glass sensor 3gang with thermostat**

**- integrated bus coupling unit**



Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	605
<b>optional</b>		
Temperature sensor	161	152

**i 978**

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker TS Sensor**

glass polar white	<b>* 7564 30 30</b>	1
glass black	<b>7564 30 35</b>	1
glass aluminium	<b>7564 30 34</b>	1

**Berker TS Sensor - configured**

glass polar white	<b>* 7564 31 30</b>	1
glass black	<b>7564 31 35</b>	1
glass aluminium	<b>7564 31 34</b>	1



**Wall box 2gang flat**

Dimensions (W x H x D)	68 x 139 x 47.5 mm
Cut hole Ø	2 x 68 mm
Cut hole pitch	71 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors comfort		page 840
Glass sensors with thermostat		page 842

**i 978**

DESIGN	ORDER NO.	PU
--------	-----------	----

Wall box 2gang flat	<b>1871</b>	1
---------------------	-------------	---



VISUALISATIONS

Operating panel



**Berker Master Control**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Limit values	max. 32
Logic operations (cascadable)	80
TFT screen size	5.7
Resolution graphical display	320 x 240 / 240 x 320 Mpx
Graphics memory	≈ 4 MB
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	221 x 141 x 46 mm

- freely-programmable indication and operating panel with TFT touch display
- 50 dialog pages each with up to 16 parameterisable display elements (max. 400)
- display elements suitable for invoking predefined or freely-configurable functions
- calling up dialog pages about KNX object
- background bitmaps insertable (e.g. ground plans)
- linking of dialogue pages possible
- functions e.g. switching, dimming, blinds, light scenes, heating, operating modes, date, time
- functions e.g. access control, positive operation, value transmitter, value display with/without limit values
- intelligent functions e.g. time links, logic functions, multiplexes parameterisable
- display lighting, duration and type of activation and brightness adjustable in 2 stages
- indication of up to 8 RSS news feeds
- data logger for recording, evaluation and representation of measuring points as diagram
- freely-selectable national language (code page) per indication page
- 50 error messages, can be parameterised
- indication of the last 20 error messages via message window, audible warning
- text display (ASCII-format)
- retrieval of e-mails
- transmission of predefined e-mails
- with synchronisable integral real-time clock with date
- time switch (weekly) with 16 channels each with 8 switching times
- presence simulation with recording and reproduction type daily sequences
- astro programme for functions during sunrise/sunset
- retrieval, adjustment and storage of 24 light scenes with up to 32 outputs
- integrated alarm system for monitoring of windows, doors and interiors
- 4 password levels for differentiated access authorization parametrizable
- integral piezo buzzer
- remote operation via PC possible
- programmable via USB interface or network
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with screw terminals

DESIGN	ORDER NO.	PU
polar white	<b>7574 00 12</b>	1
anthracite	<b>7574 00 13</b>	1



**Frame for Master Control**

Dimensions (W x H x D)	234 x 168 x 9 mm
------------------------	------------------

Glass, high-gloss, printed on the rear.  
Stainless steel, brushed.

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	<b>7594 01 03</b>	1
glass polar white	<b>7594 01 01</b>	1
glass black	<b>7594 01 05</b>	1
glass aluminium	<b>7594 01 04</b>	1



**Flush-mounted/built-in housing for mini control panels**

Cavity wall opening (W x H x D)	212 x 124 x 75 mm	■ with cleaning cover
Dimensions (W x H x D)	216 x 134 x 75 mm	■ for flush mounting and hollow-wall mounting
Weight	≈ 900 g	

DESIGN	ORDER NO.	PU
grey	<b>7590 00 21</b>	1



**IP Control RMD**

Operating voltage	10 ... 30 V=	■ integrated element library with standard operating elements
Power consumption	5 VA	■ freely configurable graphic operating surface for representation on the PC monitor
receiptable addresses	32766	■ up to 20 operating configurations for different applications
RAM	256 MB	■ integration of external control units with JAVA support (e.g. tablet PC) via WLAN
Operating temperature	+0 ... +35 °C	■ central operating and visualisation unit for KNX via web browser
Assembling height as from DIN rail	58 mm	■ control of multimedia applications
Width of rail mounted device (RMD)	8 TE	■ for control and visualisation of e.g. shutters, lights, heating, ventilation, alarm system, sensors
Dimensions (W x H x D)	144 x 90 x 64 mm	■ with status LED for operational stand-by, data processing, KNX communication, LAN status

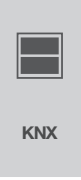
NEW: PRODUCT VARIANT FOR USE-INDEPENDENT ROOM CONTROL:  
IP control (order no. 7571 00 36) including software, with which an assignment plan can be stored, for building services engineering control according to room/building use, e.g. in schools according to timetables or in public buildings according to visiting or working times.

Knowledge of the relevant network technology is required for installation.

Mobile devices such as iPhones/iPad, mobile phones or PDAs can be linked via the Internet.

- time updating via Internet NTP server and sending on the KNX
- creation of light scenes with up to 28 telegrams each
- central functions/scenarios for heating, shutters, illumination, etc. can be configured by end user
- remote commissioning / maintenance of KNX systems possible via the Internet
- commissioning and programming without ETS via web browser
- with week and year timer function
- configuration tool for installation of IP settings and parameterisations
- support of common web browsers (IE, Netscape, Firefox etc.)
- with event indicator for e.g. status/alarm messages via e-mail
- operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- administration of 50 users for the control of access authorisation
- database connection to the memory of utilisation/consumption data of the KNX
- also usable with Apple Macintosh
- with updatable Flash-Controller for subsequent function expansions
- integration of network cameras possible
- for LAN connection of individual KNX installations
- with integrated controller for logic functions (concatenations, threshold value processing)
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with screw terminals

DESIGN	ORDER NO.	PU
IP control RMD, light grey	<b>7571 00 04</b>	1
IP-Control for use-dependent room controllers RMD, light grey	<b>* 7571 00 36</b>	1



**Berker IOS**



**Berker IOS Server RMD**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V=
Current consumption (operation)	≈ 150 mA
Power consumption (operation)	≈ 1.5 W
RAM	128 MB
Graphics memory	≈ 20 MB
Processor	400 MHz
Operating temperature	+0 ... +45 °C
Width of rail mounted device (RMD)	6 TE

Central operating and visualisation unit for KNX installations via client software.

Knowledge of the relevant network technology is required for installation.

System requirements: Windows XP, VISTA and Windows 7 (32 or 64-bit).

- user interface can be configured individually for each room with special background images
- creation of max. 50 sequences from different actions
- for control and visualisation of e.g.shutters, lights, heating, ventilation, alarm system, sensors
- with status LEDs for LAN status, operational stand-by and connection status to web portal
- KNX server to supply up to 30 visualisation clients simultaneously with KNX data
- creation of light scenes
- creation of measured value archives and energy consumption visualisation with KNX energy meters
- configuration tool for installation of IP settings and parameterisations
- with configuration and client software on USB stick
- managing up to 30 users with different access rights
- software update via USB interface on the device
- integration of max. 10 network cameras
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	847
<b>optional</b>		
Berker IOS licence for remote access	7590 00 34	847
<b>MANUFACTURER: PRODUCT LINE</b>		<b>ART. NO.</b>
<b>KNX energy meters</b>		
Hager		
DESIGN	ORDER NO.	PU
light grey matt	<b>7571 00 05</b>	1



**Berker IOS server software with USB adapter**

Operating voltage interface via bus	21 ... 32 V=
RAM	128 MB
Graphics resolution	min. 1024 x 768 px
Free hard disk space	min. 500 MB

Central operating and visualisation software for operation via client software.

Knowledge of the relevant network technology is required for installation.

System requirements: Windows XP, VISTA and Windows 7 (32 or 64-bit).

- user interface can be configured individually for each room with special background images
- creation of max. 50 sequences from different actions
- for control and visualisation of e.g.shutters, lights, heating, ventilation, alarm system, sensors
- KNX server to supply up to 30 visualisation clients simultaneously with KNX data
- creation of light scenes
- creation of measured value archives and energy consumption visualisation with KNX energy meters
- configuration tool for installation of IP settings and parameterisations
- with configuration and client software on USB stick
- managing up to 30 users with different access rights
- integration of max. 10 network cameras
- processor min. 600 MHz
- with USB interface for connecting to the bus
- with connecting cable

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Berker IOS licence for remote access	7590 00 34	847
<b>MANUFACTURER: PRODUCT LINE</b>		<b>ART. NO.</b>
<b>KNX energy meters</b>		
Hager		
DESIGN	ORDER NO.	PU
Berker IOS server software with USB adapter	<b>7590 00 35</b>	1

**Berker IOS licence for remote access**



Licence for the activation of the remote access to a Berker IOS server via the web-portal [www.berker-ios.de](http://www.berker-ios.de)

- for remote control of the KNX building systems via Berker IOS
- licence data on USB stick

SUITABLE FOR	ORDER NO.	PAGE
Berker IOS Server RMD	7571 00 05	846
Berker IOS server software with USB adapter	7590 00 35	846

DESIGN	ORDER NO.	PU
Berker IOS licence for remote access	<b>7590 00 34</b>	1

**Berker IOS electrical power supply 24 V DC RMD**



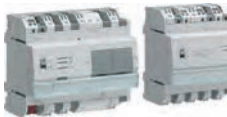
Operating voltage 230 V~  
 Frequency 50/60 Hz  
 Output voltage 24 V=  
 Output current max. 1 A  
 Current consumption < 150 mA  
 Power consumption 36 W  
 Operating temperature +0 ... +45 °C  
 Width of rail mounted device (RMD) 4 TE

- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Blind actuator 4gang RMD 24 V DC	7531 40 11	880
Berker IOS Server RMD	7571 00 05	846

DESIGN	ORDER NO.	PU
light grey matt	<b>7591 00 03</b>	1

**Berker IOS set**



Knowledge of the relevant network technology is required for installation.

Set consisting of:  
 - Berker IOS server RMD, order no. 7571 00 05  
 - Power supply 24 V DC RMD, order no. 7591 00 03

DESIGN	ORDER NO.	PU
Berker IOS set	<b>7571 00 06</b>	1

**Info displays**

**Bus coupling unit flush-mounted**



Operating voltage over bus 21 ... 32 V=  
 Power consumption, KNX ≈ 100 mW  
 Operating temperature -5 ... +45 °C  
 Insertion depth 23 mm

- with programming button and red programming LED
- as interface between KNX user module and bus line
- bus connection via connecting terminal
- without spreader claws

SUITABLE FOR optional	ORDER NO.	PAGE
Protective cover	7500 00 07	894
Blind plug for bus coupling unit	7594 02 ..	894

DESIGN	ORDER NO.	PU
Bus coupling unit flush-mounted	<b>7504 00 01</b>	1



KNX



**Info display**

Operating temperature -5 ... +45 °C  
Commissioning possible only with ETS2 V1.2a.

- LC display with illumination
- to display and initiate actions
- with anti-dismantling protection
- visual/acoustic alarm message, acknowledgeable
- for max. 48 signalling groups
- programmable to 1, 2 or 4 lines
- with piezo signal generator
- 16 characters per line on max. 12 pages
- German/English

**SUITABLE FOR** Bus coupling unit flush-mounted  
**ORDER NO.** **PAGE**  
page 847

DESIGN ORDER NO. PU

**Berker S.1/B.3/B.7**

white glossy	7586 00 52	1
polar white glossy	7586 00 59	1
polar white matt	7586 00 89	1
anthracite matt	7586 00 85	1
aluminium, matt, lacquered	7586 00 83	1

**Modul 2**

white glossy	# 7586 00 12	1
polar white glossy	# 7586 00 19	1



NEW



**Berker Q.1/Q.3**

polar white velvety	7586 00 29	1
anthracite velvety, lacquered	* 7586 00 26	1

NEW



**Berker K.1/K.5**

polar white glossy	7586 00 79	1
anthracite matt, lacquered	7586 00 75	1
Aluminium, aluminium anodised	* 7586 00 71	1
Stainless steel, metal matt finish	7586 00 73	1

**Berker Arsys**

white glossy	7586 00 42	1
polar white glossy	7586 00 49	1
light bronze matt, lacquered	7586 00 44	1
stainless steel matt, lacquered	7586 00 43	1





**KNX ENOCEAN**

**NEW**



**EnOcean radio wall-transmitter 1gang**

Number of radio channels	1
Radio transmission/reception frequency	868.3 MHz
Radio transmission range (free field)	max. 300 m
Radio transmission range (building)	max. 30 m
Ambient temperature	-25 ... +65 °C
Relative humidity (without condensation)	0 ... 95 %

- single-surface operation in conjunction with suitable receiver
- for the transmission of switching, dimming or blind commands to the radio receiver of the EnOcean system
- each channel can be assigned to any number of radio receivers
- provision of transmission energy through conversion of the mechanical energy on button actuation
- with fitting material
- battery-less, maintenance-free device without external power supply
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- for screw or adhesive fixing

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
KNX EnOcean Gateway surface-mounted	7563 00 05	850

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

polar white glossy	* 2411 10 89	1
polar white matt	* 2411 10 09	1
anthracite matt	* 2411 10 06	1

**NEW**



**EnOcean radio wall-transmitter 2gang**

Number of radio channels	2
Radio transmission/reception frequency	868.3 MHz
Radio transmission range (free field)	max. 300 m
Radio transmission range (building)	max. 30 m
Ambient temperature	-25 ... +65 °C
Relative humidity (without condensation)	0 ... 95 %

- single-surface operation in conjunction with suitable receiver
- for the transmission of switching, dimming or blind commands to the radio receiver of the EnOcean system
- each channel can be assigned to any number of radio receivers
- provision of transmission energy through conversion of the mechanical energy on button actuation
- with fitting material
- battery-less, maintenance-free device without external power supply
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- for screw or adhesive fixing

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
KNX EnOcean Gateway surface-mounted	7563 00 05	850

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

polar white glossy	* 2412 10 89	1
polar white matt	* 2412 10 09	1
anthracite matt	* 2412 10 06	1



KNX

**NEW**



**KNX EnOcean Gateway surface-mounted**

Operating voltage over bus	21 ... 32 V=
Current consumption	ca. 12 mA
Radio transmission/reception frequency	868.3 MHz (ASK)
Number of function channels	32
Ambient temperature	-5 ... +45 °C
Relative humidity (without condensation)	5 ... 93 %
Dimensions (W x H x D)	81 x 81 x 25 mm

Bi-directional gateway for transmission of EnOcean radio signals to the KNX bus or of KNX telegrams into the EnOcean system.

- each channel can be configured with different functions
- EnOcean receiver functions for conversion into KNX telegrams: including switching, dimming, blind, light scene, window contacts, temperature values, brightness values, presence simulation, room control devices
- EnOcean transmission functions for the conversion of KNX telegrams: switching, dimming, blind, valve drives
- logic and control functions
- teaching-in of the radio components using the buttons and display
- LC display for commissioning and system diagnostics
- with programming button and red programming LED
- with integrated repeater for EnOcean transmission commands
- bus connection via connecting terminal
- installation possible on flush-mounted box

SUITABLE FOR	ORDER NO.	PAGE
EnOcean radio wall-transmitter 1gang	2411 ..	849
EnOcean radio wall-transmitter 2gang	2412 ..	849

DESIGN	ORDER NO.	PU
white	<b>* 7563 00 05</b>	1





MOTION DETECTORS	854-860
THERMOSTAT	861-862
PHYSICAL SENSORS	863-868
UNIVERSAL INTERFACES	869-870
BINARY INPUTS	871
TIME SWITCHES	872-873
COMBINATION ACTUATORS RMD	874
SWITCH ACTUATORS RMD	875-876
DIM ACTUATORS RMD	877-880
BLIND ACTUATORS RMD	880-881
HVAC ACTUATORS RMD	881-883
ANALOGUE ACTUATORS	884
ACTUATORS, FLUSH/SURFACE-MOUNTED	885-887

With KNX, a house provides a significant contribution to looking after itself: motion detectors activate lighting as necessary. Windows and doors left open by accident are signalled using magnetic contacts and can be closed automatically. In addition, when the windows are open, the heating system reduces output. Using the Berker KNX bus system, your house can learn to adapt to changed environmental conditions, when sensors register sun, rain and wind. If there is the risk of storm or rain, then a weather station registers this, the awning is retracted and any open windows in the roof are closed automatically. They turn physically-measured parameters into electrical values, process them, and, if necessary, send a telegram to the bus and your house reacts on its own.

- Energy efficiency through automatic control using time settings or sensor measured values
- Greater safety and security through functions such as presence simulation, panic circuits, motion-dependent switching of light, monitoring of opening of windows and doors, smoke detector alarms, forwarding of fault messages

Actuators are selected according to the resources they are to switch or control. This allows switchable lamps, socket outlets or fixed-location consumers to be operated with switch actuators. Dimmable consumers such as incandescent lamps, high and low-voltage halogen lamps, LEDs or compact fluorescent lamps require dim actuators. Heating actuators are used to control valve drives for heating. Complex air-conditioning controllers with ventilation systems are operated using so-called fancoil actuators. The Berker KNX System contains a special actuator type for each application. The actuators receive their information from all kinds of sensors, e.g. push-button sensors for manual actuation or weather sensors for commands according to brightness, twilight, rain, wind, temperature, etc. They execute the commands and signal the current states to the sensors and display elements, such as touch displays.

PRESENCE DETECTORS



**Bus coupling unit flush-mounted**

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Insertion depth	23 mm

- as interface between KNX user module and bus line
- with programming button and red programming LED
- bus connection via connecting terminal
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Protective cover	7500 00 07	894
Blind plug for bus coupling unit	7594 02 ..	894

DESIGN	ORDER NO.	PU
Bus coupling unit flush-mounted	<b>7504 00 01</b>	1

Controller sensors

- With cover to limit detection angle
- Also suitable as extension unit
- Cyclic transmission possible



**KNX controller comfort 1.1 m**

Power consumption, KNX	≈ 110 mW
Nominal mounting height	1.1 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 306 h
Potentiometer for additional delay time	± 50 %
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	3 ... 100 / daytime operation lx
Response brightness adjustable by potentiometer	± 50 %
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

- with slide switch for OFF/automatic/ON
- with potentiometers for fine adjustment of the response brightness, sensitivity and delay time
- with red diagnostic LED for brightness-independent walk test function and disassembly message
- with lighting and message mode
- operating mode switched with object
- functions for lighting operating mode: Switching, Value transmitter and Light scene call
- parameter defineable lock function
- alarm telegram after disconnection from bus coupling unit, 1-bit

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 854

Caution:  
Direct sunlight can lead to false alarms when using alarm application. Avoid using detection field equipment on windows.

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the controller. Only suitable for indoor areas!

When movement of a person is detected a parameter defined data telegram is sent.

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>7526 15 52</b>	1
polar white glossy	<b>7526 15 59</b>	1
polar white matt	<b>7526 15 89</b>	1
anthracite matt	<b>7526 15 85</b>	1
aluminium matt, lacquered	<b>7526 15 83</b>	1



**Modul 2**

white glossy	# 7526 15 12	1
polar white glossy	# 7526 15 19	1



**Berker Q.1/Q.3**

polar white velvety	7526 15 29	1
anthracite velvety, lacquered	* 7526 15 26	1



**Berker K.1/K.5**

polar white glossy	7526 15 79	1
anthracite matt, lacquered	7526 15 75	1
aluminium matt, lacquered	* 7526 15 71	1
stainless steel, matt, lacquered	7526 15 73	1



**Berker Arsys**

white glossy	7526 15 42	1
polar white glossy	7526 15 49	1
light bronze matt, lacquered	7526 15 44	1
stainless steel matt, lacquered	7526 15 43	1



**KNX controller comfort 2.2 m**

Power consumption, KNX	≈ 110 mW	■ with slide switch for OFF/automatic/ON
Nominal mounting height	2.2 m	■ with potentiometers for fine adjustment of the response brightness, sensitivity and delay time
Number of detection levels	2	■ with red diagnostic LED for brightness-independent walk test function and disassembly message
Number of switching segments	72	■ with lighting and message mode
Detection field, semi-oval shaped	≈ 12 x 12 m	■ operating mode switched with object
Detection angle	180 °	■ functions for lighting operating mode: Switching, Value transmitter and Light scene call
Range, frontal (at 1.1 m installation height)	≈ 6 m	■ parameter defineable lock function
Range, frontal	≈ 12 m	■ alarm telegram after disconnection from bus coupling unit, 1-bit
Range, side (at 1.1 m installation height)	each ≈ 3 m	
Range, side	each ≈ 6 m	
Delay time	≈ 10 s	
Additional delay time programmable	130 ms ... 306 h	
Potentiometer for additional delay time	± 50 %	
Response sensitivity, settable	≈ 20 ... 100 %	
Response brightness, configurable	3 ... 100 / daytime operation lx	
Response brightness adjustable by potentiometer	± 50 %	
Lockout time	8 ms ... 140 min	
Operating temperature	-5 ... +45 °C	
Dimensions assembling height	23.5 mm	

**SUITABLE FOR**      **ORDER NO.**      **PAGE**  
Bus coupling unit flush-mounted           page 854

Application as for order no. 7526 15 ..

Caution:  
Direct sunlight can lead to false alarms when using alarm application. Avoid using detection field equipment on windows.

When movement of a person is detected a parameter defined data telegram is sent.

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	7526 16 52	1
polar white glossy	7526 16 59	1
polar white matt	7526 16 89	1
anthracite matt	7526 16 85	1
aluminium matt, lacquered	7526 16 83	1





**Modul 2**

white glossy	# 7526 16 12	1
polar white glossy	# 7526 16 19	1



**Berker Q.1/Q.3**

polar white velvety	7526 16 29	1
anthracite velvety, lacquered	* 7526 16 26	1



**Berker K.1/K.5**

polar white glossy	7526 16 79	1
anthracite matt, lacquered	7526 16 75	1
aluminium matt, lacquered	* 7526 16 71	1
stainless steel matt, lacquered	7526 16 73	1



**Berker Arsys**

white glossy	7526 16 42	1
polar white glossy	7526 16 49	1
light bronze matt, lacquered	7526 16 44	1
stainless steel matt, lacquered	7526 16 43	1



**KNX controller 1.1 m**

Nominal mounting height	1.1 m	■ with potentiometer for fine adjustment of the response sensitivity
Number of detection levels	2	■ parameter defineable lock function
Number of switching segments	72	
Detection field, semi-oval shaped	≈ 10 x 12 m	<b>SUITABLE FOR</b> Bus coupling unit flush-mounted
Detection angle	180 °	<b>ORDER NO.</b>
Range, frontal	≈ 10 m	<b>PAGE</b> page 854
Range, side	each ≈ 6 m	
Delay time	≈ 10 s	
Additional delay time programmable	130 ms ... 152 ms	
Response sensitivity, settable	≈ 20 ... 100 %	
Response brightness, configurable	1 ... 1000 / daytime operation lx	
Lockout time	8 ms ... 140 min	
Operating temperature	-5 ... +45 °C	
Dimensions assembling height	23.5 mm	



Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

When movement of a person is detected a parameter defined data telegram is sent.

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	7526 11 52	1
polar white glossy	7526 11 59	1
polar white matt	7526 11 89	1
anthracite matt	7526 11 85	1
aluminium matt, lacquered	7526 11 83	1



**Modul 2**

white glossy	# 7526 11 12	1
polar white glossy	# 7526 11 19	1





DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	7526 11 29	1
anthracite velvety, lacquered	* 7526 11 26	1
<b>Berker K.1/K.5</b>		
polar white glossy	7526 11 79	1
anthracite matt, lacquered	7526 11 75	1
aluminium matt, lacquered	* 7526 11 71	1
stainless steel matt, lacquered	7526 11 73	1
<b>Berker Arsys</b>		
white glossy	7526 11 42	1
polar white glossy	7526 11 49	1
light bronze matt, lacquered	7526 11 44	1
stainless steel matt, lacquered	7526 11 43	1



**KNX controller 2.2 m**

Nominal mounting height	2.2 m	■ with potentiometer for fine adjustment of the response sensitivity
Number of detection levels	2	■ parameter defineable lock function
Number of switching segments	72	
Detection field, semi-oval shaped	≈ 12 x 12 m	<b>SUITABLE FOR</b>
Detection angle	180 °	Bus coupling unit flush-mounted
Range, frontal (at 1.1 m installation height)	≈ 6 m	<b>ORDER NO.</b>
Range, frontal	≈ 12 m	<b>PAGE</b>
Range, side (at 1.1 m installation height)	each ≈ 3 m	page 854
Range, side	each ≈ 6 m	
Delay time	≈ 10 s	
Additional delay time programmable	130 ms ... 152 h	
Response sensitivity, settable	≈ 20 ... 100 %	
Response brightness, configurable	con- 1 ... 1000 / daytime operation lx	
Lockout time	8 ms ... 140 min	
Operating temperature	-5 ... +45 °C	
Dimensions assembling height	23.5 mm	

Application as for order no. 7526 11 ..  
When movement of a person is detected a parameter defined data telegram is sent.

DESIGN	ORDER NO.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	7526 12 52	1
polar white glossy	7526 12 59	1
polar white matt	7526 12 89	1
anthracite matt	7526 12 85	1
aluminium matt, lacquered	7526 12 83	1
<b>Modul 2</b>		
white glossy	# 7526 12 12	1
polar white glossy	# 7526 12 19	1



<b>Berker Q.1/Q.3</b>		
polar white velvety	7526 12 29	1
anthracite velvety, lacquered	* 7526 12 26	1





DESIGN	ORDER NO.	PU
<b>Berker K.1/K.5</b>		
polar white glossy	<b>7526 12 79</b>	1
anthracite matt, lacquered	<b>7526 12 75</b>	1
aluminium matt, lacquered	* <b>7526 12 71</b>	1
stainless steel matt, lacquered	<b>7526 12 73</b>	1
<b>Berker Arsys</b>		
white glossy	<b>7526 12 42</b>	1
polar white glossy	<b>7526 12 49</b>	1
light bronze matt, lacquered	<b>7526 12 44</b>	1
stainless steel matt, lacquered	<b>7526 12 43</b>	1

**Presence detectors**

- With push-on cover to limit the detection field
- With teach object for response brightness
- With potentiometers for fine adjustment of the response brightness, sensitivity and delay time
- Energy saving by means of presence and brightness-dependent switching of lights, heating etc.



**KNX presence detector comfort**

Recommended ceiling height	≈ 2.5 m
Number of detection levels	6
Number of switching segments	320
Activation on movement	< 30 cm
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Operating temperature	-5 ... +45 °C
Dimensions (Ø x assembling height)	103 x 42 mm

- can be used as a single unit, main device or extension unit
- with 3 operating modes: presence detector, ceiling controller and signal operation
- with 4 output channels for which parameters are set independently, max. 2 per operating mode

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 854
<b>optional</b>		
Surface-mounted housing for BLC and KNX presence detector	1076 09	100

When movement of a person is detected a parameter defined data telegram is sent.

DESIGN	ORDER NO.	PU
KNX presence detector comfort	<b>7526 40 01</b>	1



**KNX presence detector**

Recommended ceiling height	≈ 2.5 m
Number of detection levels	6
Number of switching segments	320
Activation on movement	< 30 cm
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Operating temperature	-5 ... +45 °C
Dimensions (Ø x assembling height)	103 x 42 mm

- with 2 operating modes: presence detector or ceiling controller
- with 2 output channels for which the parameters are to be set independently
- can only be used as individual unit

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 854
<b>optional</b>		
Surface-mounted housing for BLC and KNX presence detector	1076 09	100

When movement of a person is detected a parameter defined data telegram is sent.

DESIGN	ORDER NO.	PU
polar white matt	<b>7526 20 01</b>	1



**Surface-mounted housing for BLC and KNX presence detector**

Dimensions (Ø x assembling height)	103 x 45 mm
------------------------------------	-------------

- cable entry from all sides possible

SUITABLE FOR	ORDER NO.	PAGE
KNX presence detector	7526 20 01	858
KNX presence detector comfort	7526 40 01	858

DESIGN	ORDER NO.	PU
polar white matt	<b>1076 09</b>	1

**IR presence detectors**

- With spring clips for ceiling installation
- With integral bus coupling unit
- With potentiometers for fine adjustment of the response brightness and delay time without dismantling
- Output channel for switching, dimming or calling up scenes
- Energy saving by means of presence and brightness-dependent switching of lights, heating etc.
- Linking several detectors in order to expand the detection range



**IP41**

**KNX IR presence detector comfort**

Operating voltage over bus	21 ... 32 V=
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1500 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- parallel compensated	1000 VA
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Delay time, adjustable	≈ 1 min ... 1 h
Brightness measuring range	5 ... 1000 lx
Operating temperature	-10 ... +45 °C
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Dimensions (Ø x H)	78 x 70 mm

- with integral bus coupling unit
- switch output can be integrated for control via bus or direct connection of loads

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b>		
IR hand-held transmitter for presence detector	7590 40 01	103
IR configuration hand-held transmitter for presence detector	7590 40 02	103
Surface-mounted housing for IR presence detector	1701 05	103

DESIGN	ORDER NO.	PU
polar white matt	★ <b>7524 10 03</b>	1



**IP41**

**KNX DALI IR presence detector comfort**

Operating voltage over bus	21 ... 32 V=
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Delay time, adjustable	≈ 1 min ... 1 h
Brightness measuring range	5 ... 1000 lx
Operating temperature	-10 ... +45 °C
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Dimensions (Ø x H)	78 x 70 mm

- with integral bus coupling unit
- integrated DALI/DSI output (broadcast) for switching/controlling 24 DALI/DSI electronic ballasts

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
<b>optional</b>		
IR hand-held transmitter for presence detector	7590 40 01	103
IR configuration hand-held transmitter for presence detector	7590 40 02	103
Surface-mounted housing for IR presence detector	1701 05	103

DESIGN	ORDER NO.	PU
polar white matt	★ <b>7524 10 04</b>	1



**Surface-mounted housing for IR presence detector**

Dimensions (Ø x H)	75 x 67 mm
--------------------	------------

- with cable entry

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
IR presence detectors		page 102
KNX IR presence detector comfort	7524 10 03	859
KNX DALI IR presence detector comfort	7524 10 04	859

DESIGN	ORDER NO.	PU
polar white matt	<b>1701 05</b>	1



KNX



IP30

**IR hand-held transmitter for presence detector**

Dimensions (L x W x H) 120 x 70 x 10 mm  
 Battery service life [years] ≈ 3.5

Scope of functions dependent on the controlled presence detector.

Required battery (CR 2032) is included in the scope of delivery.

For control for the lighting connected to the presence detector.

- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- with 4 function buttons (calling up/saving light scene)
- with green “on” and red “off” button (on/off, dimmer function)

SUITABLE FOR	ORDER NO.	PAGE
IR presence detectors		page 102
KNX IR presence detector comfort	7524 10 03	859
KNX DALI IR presence detector comfort	7524 10 04	859



DESIGN  
black matt

ORDER NO. **7590 40 01** PU 1



IP30

**IR configuration hand-held transmitter for presence detector**

Dimensions (L x W x H) 111 x 63 x 10 mm  
 Battery service life [years] ≈ 3.5

Required battery (CR 2032) is included in the scope of delivery.

For convenient configuration of supported presence detectors.

- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- 15 buttons with integrated status-LED
- 3 configuration ranges for control, switch-off delay, brightness threshold
- setting of the brightness threshold manually, by default values or teach-in mode
- default settings can be selected for the brightness threshold daylight, office, corridor
- 2 configuration memories for identical configuration of several presence detectors

SUITABLE FOR	ORDER NO.	PAGE
IR presence detectors		page 102
KNX IR presence detector comfort	7524 10 03	859
KNX DALI IR presence detector comfort	7524 10 04	859



DESIGN  
black matt

ORDER NO. **7590 40 02** PU 1

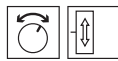
**THERMOSTAT**

- For individual single room temperature control
- For heating and/or cooling mode
- Heating or cooling possible in 2 stages
- Bus connection via connecting terminal
- For continuous (PI) or switched (2-point) control
- With dismantling protection
- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- With 4 independent binary inputs for potential-free contacts e.g. window magnetic contact
- Behaviour can be defined for bus voltage return
- Binary inputs / outputs with screw terminals
- Valve protection can be defined



**KNX thermostat**

- **Setting knob**
- **integrated bus coupling unit**



Output current per channel	max. 0.8 mA
Set value control by setting knob	± 0 ... 5 K
Operating temperature	-5 ... +45 °C
Cable length, inputs/outputs	max. 5 m
Sensor cable length	50 m

Binary input 4 parameter defineable for temperature sensor, order no. 161.

- operating modes: comfort, standby, night lowering, frost/heat protection, dewpoint displayed with LED
- with presence button for switching between comfort and standby mode
- with programming button and red programming LED
- presence button and setting knob can be programmed to have no functions
- with status LEDs: red for heating, blue for cooling and yellow for activation
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Temperature sensor		page 862

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>7544 11 52</b>	1
polar white glossy	<b>7544 11 59</b>	1
polar white matt	<b>7544 11 89</b>	1
anthracite matt	<b>7544 11 85</b>	1
aluminium matt, lacquered	<b>7544 11 83</b>	1

**Modul 2**

white glossy	<b># 7544 11 12</b>	1
polar white glossy	<b># 7544 11 19</b>	1

**Berker Q.1/Q.3**

polar white velvety	<b>7544 11 29</b>	1
anthracite velvety, lacquered	<b>* 7544 11 26</b>	1

**Berker K.1/K.5**

polar white glossy	<b>7544 11 79</b>	1
anthracite matt, lacquered	<b>7544 11 75</b>	1
aluminium matt, lacquered	<b>* 7544 11 71</b>	1
stainless steel matt, lacquered	<b>7544 11 73</b>	1

**Berker Arsys**

white glossy	<b>7544 11 42</b>	1
polar white glossy	<b>7544 11 49</b>	1
light bronze matt, lacquered	<b>7544 11 44</b>	1
stainless steel matt, lacquered	<b>7544 11 43</b>	1



KNX



**KNX object thermostat**

**- integrated bus coupling unit**



Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Cable length, inputs/outputs	max. 5 m
Sensor cable length	50 m

- operating modes: comfort, standby, night lowering, frost/heat protected, dewpoint
- with programming button and red programming LED
- without spreader claws

SUITABLE FOR optional	ORDER NO.	PAGE
Temperature sensor	161	152

Binary input 4 parameter defineable for temperature sensor, order no. 161.

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>7544 12 52</b>	1
polar white glossy	<b>7544 12 59</b>	1
polar white matt	<b>7544 12 89</b>	1
anthracite matt	<b>7544 12 85</b>	1
aluminium matt, lacquered	<b>7544 12 83</b>	1

**Modul 2**

white glossy	# <b>7544 12 12</b>	1
polar white glossy	# <b>7544 12 19</b>	1



**Berker Q.1/Q.3**

polar white velvety	<b>7544 12 29</b>	1
anthracite velvety, lacquered	* <b>7544 12 26</b>	1



**Berker K.1/K.5**

polar white glossy	<b>7544 12 79</b>	1
anthracite matt, lacquered	<b>7544 12 75</b>	1
Aluminium, aluminium anodised	* <b>7544 12 71</b>	1
Stainless steel, metal matt finish	<b>7544 12 73</b>	1



**Berker Arsys**

white glossy	<b>7544 12 42</b>	1
polar white glossy	<b>7544 12 49</b>	1
light bronze matt, aluminium lacquered	<b>7544 12 44</b>	1
Stainless steel, metal matt finish	<b>7544 12 43</b>	1



**Temperature sensor**

Characteristic resistance value at 25 °C	33 kΩ
Sensor cable length	4 m

- as replacement or function extension of products with suitable connection, such as thermostat, glass sensors or KNX thermostat

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors comfort		page 840
Glass sensors with thermostat		page 842
KNX thermostat		page 861
KNX object thermostat		page 862
Thermostat, NO contact, with centre plate	2044 ..	137
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	138



DESIGN	ORDER NO.	PU
--------	-----------	----

Temperature sensor	<b>161</b>	1
--------------------	------------	---

**PHYSICAL SENSORS**



**Brightness sensor 3gang RMD**

Operating voltage over bus	21 ... 32 V=
Brightness measuring range	1 ... 100 lx
Brightness measuring range 2	0.1 ... 20 klx
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	60 mm
Width of rail mounted device (RMD)	2 TE
Dimensions, RMD module (W x H x D)	35.8 x 86 x 66 mm
Dimensions, sensor (W x H x D)	27 x 86 x 38 mm

- three brightness limit values for independent control of switching channels
- switch-on delay, hysteresis and cyclical transmission programmable
- brightness-dependent control of light scenes
- with programming button and red programming LED
- with surface-mounted brightness sensor IP65
- with integral bus coupling unit
- bus connection via connecting terminal
- with screw terminals

DESIGN	ORDER NO.	PU
light grey	<b>7521 30 06</b>	1



**Brightness and temperature sensor surface-mounted**

Operating voltage over bus	21 ... 32 V=
Brightness measuring range, linear	1 lx ... 100 klx
Temperature measuring range, linear	-25 ... +55 °C
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	72 x 110 x 54 mm

- 4 independent channels with individual limit values for processing brightness and/or temperature
- logic AND operation of the limit values can be set for each channel
- additional sun protection channel with objects for Venetian blind control
- with integral bus coupling unit
- bus connection via connecting terminal
- teach object for brightness limit value for each channel

**IP54**

DESIGN	ORDER NO.	PU
polar white	<b>7549 20 02</b>	1

**Weather stations**



**Weather station surface-mounted**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Rated current (heating incl.)	300 mA
Temperature measuring range, linear	-20 ... +55 °C
Brightness measuring range, linear (east, south, west)	0 ... 110 klx
Twilight measuring range, linear	0 ... 674 lx
Measuring range, wind speed	1 ... 40 m/s
Precipitation (Yes/No)	1 bit
Spectral range	≈ 700 ... 1050 nm
Operating temperature	-20 ... +55 °C
Sensor head, rotatable by	± 90 °
Weight	≈ 240 g

- with heater element for winter operation
- brightness measuring is possible in 3 directions
- with wind, precipitation, twilight, temperature and 3 brightness sensors
- with integral bus coupling unit
- bus connection via connecting terminal
- with logic gates for linking the limiting value results
- with blocking modules for filtering input objects depending on blocking objects
- delay times and hysteresis adjustable
- software protected operation supervision for wind sensor
- with magnet for programming reed contact and red programming LED
- with plug-in terminals for power supply
- for wall mounting

Ensure correct orientation and free-standing installation.  
For detection of wind, precipitation, temperature and brightness, and to process the signals.

**IP44**

SUITABLE FOR	ORDER NO.	PAGE
Power supply 24 V AC RMD	7591 00 01	867
<b>optional</b>		
Mast fixing for controllers/sensors	154	109
Corner mounting piece for controllers/sensors	149 09	108
<b>replacement</b>		
Programming magnet	7590 00 19	882

DESIGN	ORDER NO.	PU
aluminium, matt, lacquered	<b>7549 00 01</b>	1





### Weather station 4gang comfort RMD

Frequency	50/60 Hz
Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Voltage, inputs	0-1; 0-10 V
Input impedance, voltage	18 kΩ
Output voltage	24 V=
Sensor output voltage	24 V=
Sensor output current	max. 100 mA
Inputs, current	0-20; 4-20 mA
Input impedance, current	100 Ω
Limit values	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

For detection of wind, precipitation, temperature and brightness, and to process the signals.  
Input signals to according to DIN IEC 381-1, -2

- processing of the DCF77 time signal of the combination sensor for input in KNX
- with green/red status LED (operation/fault)
- cyclic supervision of the combination sensor
- with programming button and red programming LED
- for active and passive sensors
- for surface-mounted combination weather sensor
- for wind, precipitation, brightness, temperature, twilight as well as humidity and temperature sensor, surface-mounted
- conclusiveness test and cyclic supervision of the combi weather sensor signals
- extendable with an analogue input module 4gang
- bus connection via connecting terminal
- inputs parameterisable can be set individually
- with logic gates for linking the limiting value results
- input 4-20 mA will be controlled for wire break
- delay times and hysteresis adjustable
- software protected operation supervision for wind sensor
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Power supply 24 V AC RMD	7591 00 01	867
Wind sensor surface-mounted	7590 00 50	866
Precipitation sensor surface-mounted	7590 00 52	866
Brightness sensor surface-mounted	7590 00 53	865
Temperature sensor surface-mounted	7590 00 54	867
Twilight sensor surface-mounted	7590 00 55	866
Combi sensor surface-mounted	7590 00 57	865
<b>optional</b>		
Analogue input module 4gang	7542 40 04	865

DESIGN	ORDER NO.	PU
light grey	<b>7541 40 03</b>	1

### Analogue inputs



### Analogue input 4gang RMD

Frequency	50/60 Hz
Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Voltage, inputs	0-1; 0-10 V
Input impedance, voltage	18 kΩ
Sensor output voltage	24 V=
Sensor output current	max. 100 mA
Current consumption	170 mA
Inputs, current	0-20; 4-20 mA
Input impedance, current	100 Ω
Limit values	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

The analogue input is for the registration and treatment of independent analogue sensor signals. Depending on the input signal, limiting value messages can be transmitted via KNX.

Input signals to according to DIN IEC 381-1, -2

- with green/red status LED (operation/fault)
- with programming button and red programming LED
- for active sensors
- for wind, precipitation, brightness, temperature, twilight as well as humidity and temperature sensor, surface-mounted
- extendable with an analogue input module 4gang
- bus connection via connecting terminal
- inputs parameterisable can be set individually
- input 4-20 mA will be controlled for wire break
- cyclic transmission or transmission at absolute input modification settable
- with screw terminals
- with system interface for analogue input module

SUITABLE FOR	ORDER NO.	PAGE
Power supply 24 V AC RMD	7591 00 01	867
Wind sensor surface-mounted	7590 00 50	866
Precipitation sensor surface-mounted	7590 00 52	866
Brightness sensor surface-mounted	7590 00 53	865
Temperature sensor surface-mounted	7590 00 54	867
Twilight sensor surface-mounted	7590 00 55	866
<b>optional</b>		
Analogue input module 4gang	7542 40 04	865

DESIGN	ORDER NO.	PU
light grey	<b>7541 40 04</b>	1





**Analogue input module 4gang**

Frequency	50/60 Hz
Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Voltage, inputs	0-1; 0-10 V
Input impedance, voltage	18 kΩ
Sensor output voltage	24 V=
Sensor output current	max. 100 mA
Current consumption	170 mA
Inputs, current	0-20; 4-20 mA
Input impedance, current	100 Ω
Limit values	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

- with green/red status LED (operation/fault)
- for active sensors
- for wind, precipitation, brightness, temperature, twilight as well as humidity and temperature sensor, surface-mounted
- as extension for analogue input 4gang and weather station 4gang comfort
- input 4-20 mA will be controlled for wire break
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	864
Analogue input 4gang RMD	7541 40 04	864

Input signals to according to DIN IEC 381-1, -2

DESIGN	ORDER NO.	PU
light grey	<b>7542 40 04</b>	1

**Sensors for weather station/analogue input**



IP55

**Combi sensor surface-mounted**

Output load voltage	> 1.5 kΩ
Heating voltage via weather station	24 V~
Rated current (heating incl.)	600 mA
Brightness measuring range, linear (east, south, west)	0 ... 100 klx
Twilight measuring range, linear	0 ... 250 lx
Precipitation (Yes/No)	1 bit
Switch-on delay [Precipitation particles]	≈ 3
Switch-off delay on precipitation	≈ 2 min
Measuring range, wind speed	1 ... 40 m/s
Spectral range	≈ 700 ... 1050 nm
Operating temperature	-40 ... +60 °C
Line length	10 m
Cable length extendable to	max. 50 m
Conductor cross-section	6 x 0.25 mm <sup>2</sup>
Length, mounting bracket	150 mm
Dimensions (Ø x H)	130 x 200 mm

- with wind, precipitation, twilight and 3 brightness sensors
- conclusiveness test and cyclic supervision of the sensor signals with weather station comfort
- with radio receiver for the DCF77 signal
- with mounting angle and pipe clamp
- for wall and mast assembly
- for the connection to the weather station 4gang comfort RMD with voltage supply
- with PTC heater element for winter operation
- brightness measuring is possible in 3 directions
- DCF77 antenna 45° rotatable
- with operation/status buzzer
- with magnet and initialisation reed contact
- confectioned with 6-core wire and plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	864
Power supply 24 V AC RMD	7591 00 01	867
<b>replacement</b>		
Programming magnet	7590 00 19	882

Ensure correct orientation and free-standing installation.  
For detection of wind, rainfall, sun and twilight.

DESIGN	ORDER NO.	PU
black	<b>7590 00 57</b>	1



IP65

**Brightness sensor surface-mounted**

Operating voltage	24 V=
Output load voltage	> 1 kΩ
Rated current	0.005 A
Brightness measuring range, linear	0 lx ... 60 klx
Operating temperature	-30 ... +70 °C
Line length	max. 100 m
Conductor cross-section	3 x 0.25 mm <sup>2</sup>
Dimensions (W x H x D)	58 x 64 x 35 mm

- passive sensor
- with screw terminals
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- converts the measured values into 0-10 V signals
- with threaded joint dia. 12.5 mm (PG 7)

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	864
Analogue input 4gang RMD	7541 40 04	864
Analogue input module 4gang	7542 40 04	865

optional	ORDER NO.	PAGE
Mast adapter for surface-mounted sensors	7590 00 46	868

To detect ambient brightness.

DESIGN	ORDER NO.	PU
grey	<b>7590 00 53</b>	1





**IP65**

**Twilight sensor surface-mounted**

Operating voltage	24 V=
Output load voltage	> 1 kΩ
Rated current	0.005 A
Brightness measuring range, linear	0 ... 255 lx
Operating temperature	-30 ... +70 °C
Line length	max. 100 m
Conductor cross-section	3 x 0.25 mm <sup>2</sup>
Dimensions (W x H x D)	58 x 64 x 35 mm

To detect ambient brightness.

- passive sensor
- with screw terminals
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- converts the measured values into 0-10 V signals
- with threaded joint dia. 12.5 mm (PG 7)

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	864
Analogue input 4gang RMD	7541 40 04	864
Analogue input module 4gang	7542 40 04	865
<b>optional</b>		
Mast adapter for surface-mounted sensors	7590 00 46	868

DESIGN	ORDER NO.	PU
grey	<b>7590 00 55</b>	1



**IP65**

**Wind sensor surface-mounted**

Operating voltage	24 V=
Output load voltage	> 1.5 kΩ
Rated current (excluding heater)	12 mA
Measuring range, wind speed	0.7 ... 40 m/s
Operating temperature	-25 ... +60 °C
Line length	3 m
Cable length extendable to	max. 100 m
Conductor cross-section	6 x 0.25 mm <sup>2</sup>
Length, wall bracket	150 mm
Dimensions (Ø x H)	134 x 160 mm

To detect wind speed.

- passive sensor
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- with PTC heater element for winter operation
- converts the measured values into 0-10 V signals
- pre-assembled, with cable

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	864
Analogue input 4gang RMD	7541 40 04	864
Analogue input module 4gang	7542 40 04	865
Power supply 24 V AC RMD	7591 00 01	867
<b>optional</b>		
Mast adapter for surface-mounted sensors	7590 00 46	868

DESIGN	ORDER NO.	PU
white	<b>7590 00 50</b>	1



**IP65**

**Precipitation sensor surface-mounted**

Operating voltage	24 V=
Output load voltage	> 1 kΩ
Rated current (excluding heater)	10 mA
Operating temperature	-30 ... +70 °C
Line length	3 m
Cable length extendable to	max. 100 m
Conductor cross-section	5 x 0.25 mm <sup>2</sup>
Dimensions sensor (L x W x H)	60 x 82 x 17 mm
Dimensions, mounting bracket (W x H x D)	90 x 91 x 78 mm
Mast Ø	max. 62 mm

For detection of precipitation.

- passive sensor
- with stainless steel mounting bracket approx. 70°
- with pipe clamp for mast fixing
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- with PTC heater element for drying
- converts the measured values into 0 and 10 V signals
- pre-assembled, with cable

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	864
Analogue input 4gang RMD	7541 40 04	864
Analogue input module 4gang	7542 40 04	865
Power supply 24 V AC RMD	7591 00 01	867
<b>optional</b>		
Mast adapter for surface-mounted sensors	7590 00 46	868

DESIGN	ORDER NO.	PU
grey	<b>7590 00 52</b>	1



IP65

**Temperature sensor surface-mounted**

Operating voltage	24 V~	■ passive sensor
Output load voltage	> 1 kΩ	■ with screw terminals
Rated current	≈ 3 mA	■ for connection to analogue input and input module 4gang RMD with power supply
Temperature measuring range, linear	-30 ... +70 °C	■ for the connection to the weather station 4gang comfort RMD with voltage supply
Operating temperature	-30 ... +70 °C	■ converts the measured values into 0-10 V signals
Line length	max. 100 m	■ with threaded joint dia. 12.5 mm (PG 7)
Conductor cross-section	3 x 0.25 mm <sup>2</sup>	
Dimensions (W x H x D)	58 x 64 x 35 mm	

To detect ambient temperature.

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	864
Analogue input 4gang RMD	7541 40 04	864
Analogue input module 4gang	7542 40 04	865
<b>optional</b>		
Mast adapter for surface-mounted sensors	7590 00 46	868

DESIGN	ORDER NO.	PAGE
grey	<b>7590 00 54</b>	1

**Supplementary products**

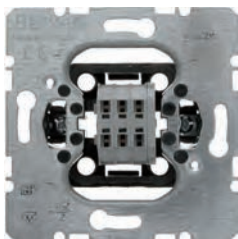


**Power supply 24 V AC RMD**

Operating voltage	230 V~	■ for weather station comfort as well as analogue input and actuator 4gang RMD
Frequency	50/60 Hz	■ short-circuit-proof and overload proof (thermal protection)
Output voltage	24 V~	■ with screw terminals
Output current	max. 1 A	
Operating temperature	-5 ... +45 °C	
Assembling height as from DIN rail	63 mm	
Dimensions (W x H x D)	72 x 90 x 70 mm	
Width of rail mounted device (RMD)	4 TE	

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	864
Analogue input 4gang RMD	7541 40 04	864
Weather station surface-mounted	7549 00 01	863
Analogue actuator 4gang RMD	7551 40 01	884
Combi sensor surface-mounted	7590 00 57	865
Wind sensor surface-mounted	7590 00 50	866
Precipitation sensor surface-mounted	7590 00 52	866
IP router RMD	7501 00 16	891

DESIGN	ORDER NO.	PAGE
light grey	<b>7591 00 01</b>	1



**Sensor insert**

- e.g. for temperature sensor PT100
- with plug-in terminals
- without spreader claws

DESIGN	ORDER NO.	PAGE
Sensor insert	<b>7594 10 01</b>	10



**Central plate for sensor insert**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.  
Labelling field cannot be used.

- e.g. for temperature sensor PT100
- with slots for air circulation

DESIGN	ORDER NO.	PAGE
<b>Berker S.1/B.3/B.7, Modul 2, Q.1/Q.3, K.1/K.5, Arsys</b>		
white glossy	<b>7594 04 02</b>	1
polar white glossy	<b>7594 04 09</b>	1
polar white matt/velvety	<b>7594 04 89</b>	1
anthracite matt	<b>7594 04 85</b>	1
aluminium matt, lacquered	<b>7594 04 83</b>	1
light bronze matt, lacquered	<b>7594 04 04</b>	1
stainless steel matt, lacquered	<b>7594 04 03</b>	1





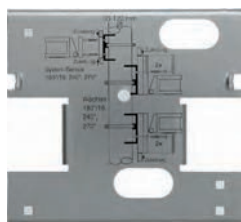
**Mast adapter for surface-mounted sensors**

Dimensions (W x H x D) 70 x 64 x 60 mm  
Mast Ø 42 mm

- for wind, precipitation, brightness, temperature and twilight sensor, surface-mounted
- for installation of max. 4 surface-mounted sensors

SUITABLE FOR	ORDER NO.	PAGE
RolloTec wind sensor	172 01	130
Wind sensor surface-mounted	7590 00 50	866
Precipitation sensor surface-mounted	7590 00 52	866
Brightness sensor surface-mounted	7590 00 53	865
Temperature sensor surface-mounted	7590 00 54	867
Twilight sensor surface-mounted	7590 00 55	866

DESIGN	ORDER NO.	PU
black	<b>7590 00 46</b>	1



**Mast fixing for controllers/sensors**

Mast Ø 50 ... 120 mm

SUITABLE FOR	ORDER NO.	PAGE
Radio controller surface-mounted	1 7401 09	749
System controller 180°	151 09	106
System controller 240°	152 09	106
Weather station surface-mounted	7549 00 01	863

DESIGN	ORDER NO.	PU
Mast fixing for controllers/sensors	<b>154</b>	1



**Corner mounting piece for controllers/sensors**

- for mounting, e.g. on building corners

SUITABLE FOR	ORDER NO.	PAGE
Radio controller surface-mounted	1 7401 09	749
System controller 180°	151 09	106
System controller 240°	152 09	106
Weather station surface-mounted	7549 00 01	863

DESIGN	ORDER NO.	PU
polar white glossy	<b>149 09</b>	1

**UNIVERSAL INTERFACES**

- With programming button and red programming LED
- Single and two push-button operation parameterisable
- Extension unit for light scene push-button
- Bus connection via connecting terminal



**Universal interface 2gang flush-mounted**

Operating voltage over bus 21 ... 32 V=  
 Input scanning voltage per channel 5 V  
 Output current per channel max. 0.8 mA  
 Operating temperature -5 ... +45 °C  
 Line length ≈ 250 mm  
 Cable length extendable to max. 5 m  
 Dimensions (L x W x H) 43 x 28.5 x 15.5 mm

- for impulse counter function, input 2 is required for the synchronising signal
- functions: impulse counter or switch counter for input 1
- for switch, push-button, dimmer and shutter functions
- 2 binary inputs, 2 outputs or 1 binary input and 1 output parameterisable
- with 2 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- one push-button operation for switching, pushing, shutters and dimming
- shutter operation concept short-long-short and long-short parameterisable
- object for logic operations (e.g. OR/AND/AND with feedback)
- objects for locking individual inputs and outputs
- objects: switching, forced guidance and feedback of respective output
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- cyclic transmission parameterisable for switching function

SUITABLE FOR	ORDER NO.	PAGE
Glass sensor 1gang	1681 0 ..	602
Glass sensor 2gang	1682 0 ..	603
Glass sensor 3gang	1683 0 ..	603
Glass sensor 4gang	1684 0 ..	604
Glass sensor 1gang	1691 0 ..	602
Glass sensor 2gang	1692 0 ..	603
Glass sensor 3gang	1693 0 ..	603
Glass sensor 4gang	1694 0 ..	604

DESIGN	ORDER NO.	PU
light grey	<b>7564 20 01</b>	1



KNX



### Universal interface 4gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current for channel 1 and channel 2	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- for impulse counter function, inputs 3 and 4 are required for the synchronising signal
- functions: impulse counter or switch counter for inputs 1 and 2
- for switch, push-button, dimmer and shutter functions
- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- with 4 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- one push-button operation for switching, pushing, shutters and dimming
- shutter operation concept short-long-short and long-short parameterisable
- object for logic operations (e.g. OR/AND/AND with feedback)
- objects for locking individual inputs and outputs
- objects: switching, forced guidance and feedback of respective output
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- cyclic transmission parameterisable for switching function

SUITABLE FOR	ORDER NO.	PAGE
Glass sensor 1gang	1681 0 ..	602
Glass sensor 2gang	1682 0 ..	603
Glass sensor 3gang	1683 0 ..	603
Glass sensor 4gang	1684 0 ..	604
Glass sensor 1gang	1691 0 ..	602
Glass sensor 2gang	1692 0 ..	603
Glass sensor 3gang	1693 0 ..	603
Glass sensor 4gang	1694 0 ..	604

DESIGN	ORDER NO.	PU
light grey	<b>7564 40 01</b>	1



### Universal interface 8gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 20 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	max. 10 m
Dimensions (W x H x D)	44 x 48 x 32 mm

- for switch, push-button, dimmer and shutter functions
- 8 binary inputs, 8 outputs or 4 binary inputs and 4 outputs parameterisable
- with 8 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- one push-button operation for switching, pushing and dimming
- shutter operation concept short-long-short and long-short parameterisable
- second operating level by object or 3-button handle (only 8-input application)
- object for audio/video control
- objects: switching, forced guidance, feedback of respective output (only for application 4 inputs/4 outputs)
- dimming / position value transmitter 1 byte
- cyclic transmission can also be started via switching object
- short-circuit and overload proof (electronic fuse)
- protected against polarity reversal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Glass sensor 2gang	1682 0 ..	603
Glass sensor 3gang	1683 0 ..	603
Glass sensor 4gang	1684 0 ..	604
Glass sensor 2gang	1692 0 ..	603
Glass sensor 3gang	1693 0 ..	603
Glass sensor 4gang	1694 0 ..	604
Bolt switch contact	9107 ..	903

DESIGN	ORDER NO.	PU
black	<b>7564 80 01</b>	1

**BINARY INPUTS**

**Binary input 4gang RMD 230 V**

Operating voltage over bus	21 ... 32 V=
Neon lamp current	max. 2 mA
Signal voltage	110 ... 230 V~/=
Signal frequency	50/60 Hz
Signal current	7 mA
Signal duration	200 ms ... 100 % ED
Operating temperature	-5 ... +45 °C
Input cable length	max. 100 m
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	36 x 90 x 65 mm
Width of rail mounted device (RMD)	2 TE

- with 4 yellow status LEDs for input states
- with programming button and red programming LED
- bus connection via connecting terminal
- with 4 independent binary inputs with separate neutral conductor
- suitable for different external conductors
- with screw terminals

Detects the presence of or change in a voltage level at its inputs and, depending on the chosen application, sends telegrams over the KNX.

DESIGN	ORDER NO.	PU
light grey	<b>7521 40 08</b>	1


**Binary input 8gang RMD 230 V**

Operating voltage over bus	21 ... 32 V=
Neon lamp current	max. 2 mA
Signal voltage	110 ... 230 V~/=
Signal frequency	50/60 Hz
Signal current	7 mA
Signal duration	200 ms ... 100 % ED
Operating temperature	-5 ... +45 °C
Input cable length	max. 100 m
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

- with 8 yellow status LEDs for input states
- with programming button and red programming LED
- bus connection via connecting terminal
- with 8 independent binary inputs with separate neutral conductor
- suitable for different external conductors
- with screw terminals

Detects the presence of or change in a voltage level at its inputs and, depending on the chosen application, sends telegrams over the KNX.

DESIGN	ORDER NO.	PU
light grey	<b>7521 80 01</b>	1


**KNX binary input 6gang RMD 24 V AC/DC**

Operating voltage over bus	21 ... 32 V=
Signal voltage	8 ... 42 V~/=
Signal frequency	50/60 Hz
Signal current	4 mA
Signal duration	200 ms ... 100 % ED
Operating temperature	-5 ... +45 °C
Input cable length	max. 100 m
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	36 x 90 x 65 mm
Width of rail mounted device (RMD)	2 TE

- with 6 yellow status LEDs for input states
- with programming button and red programming LED
- bus connection via connecting terminal
- with 6 independent binary inputs with 2 GND connections
- with screw terminals

External power supply 24 V necessary!

Detects the presence of or change in a voltage level at its inputs and, depending on the chosen application, sends telegrams over the KNX.

DESIGN	ORDER NO.	PU
light grey	<b>7521 60 01</b>	1



TIME SWITCHES



**Week time switch 2gang RMD**

Operating voltage over bus	21 ... 32 V=	■ with holiday switching
Power reserve [years]	≈ 5 a	■ date and time factory pre-programmed
Operating temperature	+0 ... +45 °C	■ with integral bus coupling unit
Width of rail mounted device (RMD)	2 TE	■ bus connection via connecting terminal
Dimensions (W x H x D)	35.8 x 86 x 65 mm	■ with screw terminals
Assembling height as from DIN rail	60 mm	■ German/English display menu
		■ with automatic summer/winter time change-over

DESIGN	ORDER NO.	PU
light grey	<b>7521 20 06</b>	1



**Annual time switch 4gang RMD**

Frequency	50/60 Hz	■ with programming button
Operating voltage over bus	21 ... 32 V=	■ temporary/permanent manual operation
Auxiliary voltage	230 V~	■ with red programming LED
Number of memory slots	324	■ with interface for OBELISK memory card
Number of weekly programs	9	■ with day, weeks and year programme
Power reserve [years]	≈ 1.5 a	■ with random programme
Operating temperature	-5 ... +45 °C	■ programming at timer or using OBELISK
Width of rail mounted device (RMD)	6 TE	■ with integral bus coupling unit
Dimensions (W x H x D)	105 x 86 x 66 mm	■ with emergency power supply coin cell battery 3 V type: CR 2450
Assembling height as from DIN rail	60 mm	■ bus connection via connecting terminal
		■ with screw terminals
		■ with automatic summer/winter time change-over

SUITABLE FOR	ORDER NO.	PAGE
Programming set	7590 00 48	873
Memory card for annual timer	7590 00 49	873

DESIGN	ORDER NO.	PU
light grey	<b>7521 40 07</b>	1



**4gang annual timer RMD for DCF receiver**

Frequency	50/60 Hz	■ with programming button
Operating voltage over bus	21 ... 32 V=	■ temporary/permanent manual operation
Auxiliary voltage	230 V~	■ with red programming LED
Number of memory slots	324	■ with interface for OBELISK memory card
Number of weekly programs	9	■ with day, weeks and year programme
Power reserve [years]	≈ 1.5 a	■ with random programme
Operating temperature	-5 ... +45 °C	■ programming at timer or using OBELISK
Width of rail mounted device (RMD)	6 TE	■ with integral bus coupling unit
Dimensions (W x H x D)	105 x 86 x 66 mm	■ with emergency power supply coin cell battery 3 V type: CR 2450
Assembling height as from DIN rail	60 mm	■ bus connection via connecting terminal
		■ with screw terminals
		■ with connection for DCF receiver
		■ with automatic summer/winter time change-over

SUITABLE FOR	ORDER NO.	PAGE
DCF receiver	7590 00 47	873
Programming set	7590 00 48	873
Memory card for annual timer	7590 00 49	873

DESIGN	ORDER NO.	PU
light grey	<b>7521 40 06</b>	1



**Accessories**



**Memory card for annual timer**

Operating temperature -5 ... +45 °C  
Dimensions (W x H x D) 28 x 60 x 7 mm

- for 4gang RMD year timer 4gang RMD DCF recipient

SUITABLE FOR	ORDER NO.	PAGE
4gang annual timer RMD for DCF receiver	7521 40 06	872
Annual time switch 4gang RMD	7521 40 07	872
Programming set	7590 00 48	873

DESIGN	ORDER NO.	PU
light grey	<b>7590 00 49</b>	1



**Time transmitter RMD**

Operating voltage over bus 21 ... 32 V=  
Lithium cell power reserve [years] ≈ 10  
Dimensions (W x H x D) 36 x 90 x 66 mm  
Width of rail mounted device (RMD) 2 TE  
Assembling height as from DIN rail 60 mm

- suitable for shade systems with sun level calculation
- automatic summer-/winter time change-over (can be switched off)
- transmits time and date to the bus
- time zone and summer/winter time change-over configurable flexibly
- either Quartz operation or radio synchronisation by DCF77 time signal
- with red status LED for DCF77 reception

SUITABLE FOR	ORDER NO.	PAGE
DCF receiver	7590 00 47	873

DESIGN	ORDER NO.	PU
light grey	<b>7591 00 02</b>	1



**DCF receiver**

Operating temperature -20 ... +70 °C  
Line length max. 200 m  
Dimensions (W x H x D) 64 x 98 x 34 mm

- with radio receiver for the DCF77 signal
- with wall bracket and screw fitting

Caution! Only for connection to year timer switch 4gang RMF for DCF receiver, order no. 7521 40 06, and time transmitter RMD order no. 75910002.

SUITABLE FOR	ORDER NO.	PAGE
Time transmitter RMD	7591 00 02	873
4gang annual timer RMD for DCF receiver	7521 40 06	872

**IP54**

DESIGN	ORDER NO.	PU
polar white	<b>7590 00 47</b>	1



**Programming set**

Operating temperature -5 ... +45 °C

- with PC software on CD-ROM
- with OBELISK memory card
- system requirements: at least 486 DX processor; Windows 95 or later
- with programming adapter
- programming language selectable: D/GB/F/NL/I/P/PL/H/S/N/DK/FIN

SUITABLE FOR	ORDER NO.	PAGE
4gang annual timer RMD for DCF receiver	7521 40 06	872
Annual time switch 4gang RMD	7521 40 07	872
Memory card for annual timer	7590 00 49	873

DESIGN	ORDER NO.	PU
Programming set	<b>7590 00 48</b>	1



COMBINATION ACTUATORS RMD



**Room actuator 4/2gang RMD**

Auxiliary voltage	230 V~
Operating voltage over bus	21 ... 32 V=
Switching current for electronic outputs	max. 50 mA
Making current	max. 800 A /200 µs
max. switching capacity at 230 V~	230 V~
230 V incandescent lamps	3000 W
230 V halogen lamps	2500 W
Conventional transformers	1200 W
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1000 W
- parallel compensated	1160 W /140 µF
- duo circuit	2300 W /140 µF
Ballasts:	
- Osram EB QT-FH 4 x 14 W	10
- Osram EB QT-FQ 2 x 54 W	11
- Osram EB QTP 2 x 58 W	11
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- with 6 red status LEDs and 3 red LEDs as manual actuation indication
- any combined operation from drive and switching functions possible
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- 2 additional electronic outputs (Triac) for connecting thermoelectric valve drives 230 V
- 4 outputs for switching from independent loads or activation of 2 drives
- suitable to switch different external conductors
- with emergency programme, e.g. for sensor or bus failure
- with 4 potential-free NO contacts as well as normally-closed contact can be parameterised
- with screw terminals

Follow the motor manufacturers' instructions.

Optimised for commissioning with ETS3 from version D, patch A.

DESIGN	ORDER NO.	PU
light grey	<b>7531 40 19</b>	1



**Switch actuator/blind actuator RMD**

Auxiliary voltage	230 V~
Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current for electronic outputs	max. 50 mA
Making current	max. 800 A /200 µs
max. switching capacity at 230 V~	230 V~
230 V incandescent lamps	3000 W
230 V halogen lamps	2500 W
Conventional transformers	1500 W
Electronic transformers	1800 W
electric drives	1300 VA
Capacitive load	16 A , max. 140 µF
Fluorescent lamps:	
- uncompensated	1000 W
- compensated	1160 W /140 µF
- duo circuit	2300 W /140 µF
OSRAM EB:	
- QTP 2 x 58 W	11
- QT-FH 2 x 28 W	17
- QT-FQ 2 x 54 W	11
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm

- with 3 red LEDs for status display of manual actuation
- with red status LED for each switching actuator channel
- any combined operation from drive and switching functions possible
- for switching, e.g. of 8 independent loads or activation of 4 drives
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- shutter operation concept short-long-short and long-short parameterisable
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- suitable to switch different external conductors
- with potential-free NO contacts as well as NC contact parameterisable
- with screw terminals

Follow the motor manufacturers' instructions.

For switching of independent loads or activation of drives.

DESIGN	ORDER NO.	PU
<b>8 control channels/4 blind actuator channels</b>		
light grey, 8/4gang <sup>1)</sup>	<b>7531 80 03</b>	1
<b>16 control channels/8 blind actuator channels</b>		
light grey, 16/8gang <sup>2)</sup>	<b>7531 00 02</b>	1



<sup>1)</sup> dimensions (W x H x D): 72 x 90 x 70 mm, 4 modules

<sup>2)</sup> dimensions (W x H x D): 144 x 90 x 70 mm, 8 modules

**SWITCH ACTUATORS RMD**



**Switch actuator, RMD**

Operating voltage over bus 21 ... 32 V=  
 Making current max. 400 A /150 µs  
 max. switching capacity at 230 V~  
 230 V incandescent lamps and halo-  
 gen lamps 2500 W  
 Conventional transformers 1200 W  
 Electronic transformers 1500 W  
 Capacitive load 16 A , max. 140 µF  
 Fluorescent lamps:  
 - uncompensated 2500 W  
 - parallel compensated 1300 W  
 - duo circuit 2300 W /140 µF  
 OSRAM EB:  
 - QT-FH 2 x 28 W 17  
 - QT-FQ 2 x 54 W 11  
 - QTP 2 x 58 W 11  
 Operating temperature -5 ... +45 °C  
 Assembling height as from DIN rail 63 mm

- suitable to switch different external conductors
- with manual selection switch per channel for on/off and status indication
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- with potential-free NO contacts as well as NC contact parameterisable
- with screw terminals

For switching of independent loads.  
 Optimised for commissioning with ETS3 from version D, patch A.

DESIGN	ORDER NO.	PU
<b>2 independent switch actuators</b>		
light grey, 2gang <sup>1)</sup>	<b>7531 20 08</b>	1
<b>4 independent switch actuators</b>		
light grey, 4gang <sup>1)</sup>	<b>7531 40 15</b>	1
<b>8 independent switch actuators</b>		
light grey, 8gang <sup>2)</sup>	<b>7531 80 04</b>	1



<sup>1)</sup> dimensions (W x H x D): 72 x 90 x 70 mm, 4 modules

<sup>2)</sup> dimensions (W x H x D): 144 x 90 x 70 mm, 8 modules





**Switch actuator, RMD for c load**

Operating voltage over bus	21 ... 32 V=
Making current	max. 600 A /150 μs
max. switching capacity at 230 V~	3680 W
230 V incandescent lamps and halogen lamps	
Conventional transformers	2000 W
Electronic transformers	2500 W
Capacitive load	16 A , max. 200 μF
Fluorescent lamps:	
- uncompensated	3680 W
- compensated	2500 W /200 μF
- duo circuit	2500 W /200 μF
OSRAM EB:	
- QT-FH 2 x 28 W	25
- QT-FQ 2 x 54 W	17
- QTP 2 x 58 W	17
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm

- suitable to switch different external conductors
- with manual selection switch per channel for on/off and status indication
- with programming button and red programming LED
- switchover with lockout of KNX function to permanent manual operation including master function
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- with potential-free NO contacts as well as NC contact parameterisable
- with screw terminals

Optimised for commissioning with ETS3 from version D, patch A.  
For switching of independent loads.

DESIGN	ORDER NO.	PU
<b>4 independent switch actuators</b>		
light grey, 4gang <sup>1)</sup>	<b>7531 40 16</b>	1
<b>8 independent switch actuators</b>		
light grey, 8gang <sup>2)</sup>	<b>7531 80 05</b>	1



<sup>1)</sup> dimensions (W x H x D): 72 x 90 x 70 mm, 4 modules  
<sup>2)</sup> dimensions (W x H x D): 144 x 90 x 70 mm, 8 modules



**Switch actuator 6gang RMD**

Operating voltage over bus	21 ... 32 V=
max. switching capacity at 230 V~	1000 W
230 V incandescent lamps	
Fluorescent lamps:	
- uncompensated at cos φ = 0.5	500 W
- parallel compensated at cos φ = 1	108 W /14 μF
- Duo circuit at cos φ = 1	2 x 500 W
with Siemens EB	15x18, 15x36, 10x58 W
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

- for switching, e.g. of 6 independent loads
- suitable to switch different external conductors
- with programming button and red programming LED
- bus connection via connecting terminal
- with potential-free NO contacts as well as NC contact parameterisable
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Electromechanical blocking element	9108	903

For switching of independent loads.  
Optimised for commissioning with ETS3 from version D, patch A.

DESIGN	ORDER NO.	PU
light grey	<b>7531 60 02</b>	1

**DIM ACTUATORS RMD**
**Universal dim actuators**

**Universal dim actuator 1gang RMD**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Control voltage	110 ... 230 V~
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Electronic transformers	20 ... 500 W
Dimmable energy-saving lamps	7 ... 100 W
Dimmable LED lamps	7 ... 100 W
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

No automatic load detection of LED and energy-saving lamps.

Do not connect conventional transformers together with electronic transformers.

Optimised for commissioning with ETS3 from version D, patch A.

DESIGN  
light grey

- operating hours counter as forward or backward counter per channel
- stairway function with switch-off warning according to DIN 18015-2
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- operating with LED and energy-saving lamps according to appropriate ETS configuration
- also useable as speed controller for single-phase motors
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- bus connection via connecting terminal
- with screw terminals

<b>SUITABLE FOR</b> optional	<b>ORDER NO.</b>	<b>PAGE</b>
---------------------------------	------------------	-------------

Universal power booster Plus RMD	1 6599 01	62
----------------------------------	-----------	----

ORDER NO.	PU
<b>7531 10 08</b>	1


**Universal dim actuator 1gang RMD 300 W**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	300 W
Dimmable conventional transformers	300 VA
Electronic transformers	300 W
Dimmable energy-saving lamps	60 W
Dimmable 230 V retrofit LED lamps	60 W
Quantity of dimmable, 230 V retrofit LED lamps	max. 8
Operating temperature	-5 ... +45 °C
Width of rail mounted device (RMD)	4 TE

Do not connect conventional transformers together with electronic transformers.

- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values settable on device
- specification of the load type possible using button on the device
- status LED integrated into the manual operation button
- selection switch for manual/bus operation as well as load setting
- with illuminated programming button
- manual operation can be activated via selection switch
- manual operation using button (single-area operation)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with plug-in terminals

<b>SUITABLE FOR</b> optional	<b>ORDER NO.</b>	<b>PAGE</b>
---------------------------------	------------------	-------------

Universal power booster Plus RMD	1 6599 01	62
----------------------------------	-----------	----

DESIGN  
light grey

ORDER NO.	PU
<b>* 7531 10 09</b>	1





**Universal dim actuator 1gang RMD 600 W**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	600 W
Dimmable conventional transformers	600 VA
Electronic transformers	600 W
Dimmable energy-saving lamps	60 W
Dimmable 230 V retrofit LED lamps	120 W
Quantity of dimmable, 230 V retrofit LED lamps	max. 10
Operating temperature	-5 ... +45 °C
Width of rail mounted device (RMD)	4 TE

Do not connect conventional transformers together with electronic transformers.

- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values settable on device
- specification of the load type possible using button on the device
- status LED integrated into the manual operation button
- selection switch for manual/bus operation as well as load setting
- with illuminated programming button
- manual operation can be activated via selection switch
- manual operation using button (single-area operation)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62
DESIGN	ORDER NO.	PU
light grey	<b>* 7531 10 10</b>	1



**Universal dim actuator 2gang RMD**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Control voltage	110 ... 230 V~
230 V incandescent lamps and halogen lamps	per channel 20 ... 300 W
Dimmable conventional transformers	per channel 20 ... 300 VA
Electronic transformers	per channel 20 ... 300 W
Dimmable energy-saving lamps	per channel 7 ... 60 W
Dimmable LED lamps	per channel 7 ... 60 W
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

No automatic load detection of LED and energy-saving lamps.

Do not connect conventional transformers to one output together with electronic transformers.

Optimised for commissioning with ETS3 from version D, patch A.

- operating hours counter as forward or backward counter per channel
- stairway function with switch-off warning according to DIN 18015-2
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- operating with LED and energy-saving lamps according to appropriate ETS configuration
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- bus connection via connecting terminal
- suitable for different external conductors
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62
DESIGN	ORDER NO.	PU
light grey	<b>7531 20 13</b>	1



**Universal dim actuator 3gang RMD**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	per channel 300 W
Dimmable conventional transformers	per channel 300 VA
Electronic transformers	per channel 300 W
Dimmable energy-saving lamps	per channel 60 W
Dimmable 230 V retrofit LED lamps	per channel 60 W
Quantity of dimmable, 230 V retrofit LED lamps	max. 8
Operating temperature	-5 ... +45 °C
Width of rail mounted device (RMD)	6 TE

Do not connect conventional transformers together with electronic transformers.  
No connection of various external conductors

- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- specification of the load type per channel possible using button on the device
- status LED integrated into the manual operation button
- 1, 2 or 3-channel operation possible
- load coupling of 2 or 3 channels settable to increase output power using selection switch
- selection switch for manual/bus operation as well as load setting
- with illuminated programming button
- manual operation can be activated via selection switch
- manual operation per channel using button (single-area operation)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62
DESIGN	ORDER NO.	PU
light grey	<b>* 7531 30 06</b>	1



**Universal dim actuator 4gang RMD**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Control voltage	110 ... 230 V~
230 V incandescent lamps and halogen lamps	per channel 20 ... 250 W
Dimmable conventional transformers	per channel 20 ... 250 VA
Electronic transformers	per channel 20 ... 250 W
Dimmable energy-saving lamps	per channel 7 ... 50 W
Dimmable LED lamps	per channel 7 ... 50 W
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	144 x 90 x 70 mm
Width of rail mounted device (RMD)	8 TE

No automatic load detection of LED and energy-saving lamps.  
Trouble-free operation will be obtained only with Berker Tronic transformers.  
Do not connect conventional transformers to one output together with electronic transformers.

Optimised for commissioning with ETS3 from version D, patch A.

- operating hours counter as forward or backward counter per channel
- stairway function with switch-off warning according to DIN 18015-2
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- operating with LED and energy-saving lamps according to appropriate ETS configuration
- with 4 red status LEDs and 3 red LEDs as manual actuation indication
- increase of output power by parallel switching of several channels
- 4 manual operation buttons for on/off (brighter/darker) and bus function on/off per channel / device
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- bus connection via connecting terminal
- suitable for different external conductors
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
<b>optional</b>		
Universal power booster Plus RMD	1 6599 01	62
DESIGN	ORDER NO.	PU
light grey	<b>7531 40 21</b>	1



**1 - 10 V/DALI interfaces**



**1 - 10 V control unit 3gang RMD**

Operating voltage over bus	21 ... 32 V=
Switching current	16 A
Control current	per channel 100 mA
Capacitive load	1000 W , 140 µF
OSRAM EB:	
- QT-FH 1 x 28 W	17
- QT-FH 2 x 28 W	17
- QT-FQ 2 x 80 W	11
Operating temperature	-5 ... +45 °C
Input cable length	max. 500 m with 0,5 mm <sup>2</sup>
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

- with red programming LED and red status LED
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with manual selection switch per channel for on/off and status indication
- with programming button
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- suitable to switch different external conductors
- with potential-free NO contacts
- with screw terminals

Interface to according to DIN EN 61347-2-3

DESIGN	ORDER NO.	PU
light grey	<b>7531 30 05</b>	1



**KNX DALI gateway RMD**

Operating voltage over bus	21 ... 32 V=
Operating voltage	110/240 V~
Frequency	50/60 Hz
DALI voltage	16 V= (9,5 ... 22,5 V=)
Operating temperature	+5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

- 2 digit red LED display for group indication in manual operation
- max. 64 DALI devices in max. 16 EIB groups and max. 16 light scenes
- as DALI master and power supply for DALI devices
- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- 4 manual operation buttons for on/off (brighter/darker) and bus function on/off per channel / device
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- with screw terminals

Groups 17 to 32 can be implemented with only one DALI device each.

DESIGN	ORDER NO.	PU
light grey	<b>7571 00 03</b>	1

**BLIND ACTUATORS RMD**



**Blind actuator 4gang RMD 24 V DC**

Operating voltage over bus	21 ... 32 V=
Supply voltage, channel A1 + A2	max. 24 V= (± 10 %)
Switching current	6 A
Power consumption, KNX	≈ 150 mW
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

- for activation of max. 4 independent 24 V= drives
- with 8 red status LEDs and 3 red LEDs as manual actuation indication
- operating mode can be set for shutters or blinds
- 2 x 2-channel operation possible
- with programming button and red programming LED
- switchover with lockout of KNX function to permanent manual operation including master stop
- shutter operation concept short-long-short and long-short parameterisable
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- switching time on change of direction programmable
- with screw terminals
- reduced wiring complexity, one entry for every 2 contacts

Follow the motor manufacturers' instructions.

External power supply 24 V= with protective separation required.

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	847

DESIGN	ORDER NO.	PU
light grey	<b>7531 40 11</b>	1





**Radio blind actuator RMD 230 V AC/12 - 48 V DC**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Switching current	6 A
Switching current at cos φ = 0.8	max. 6 A
max. switching capacity at	230 V~
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm

Follow the motor manufacturers' instructions.

- with 2 red status LEDs per actuator channel
- with 3 red LEDs for status display of manual actuation
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- switchover with lockout of KNX function to permanent manual operation including master stop
- shutter operation concept short-long-short and long-short parameterisable
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- suitable to switch different external conductors
- with screw terminals

DESIGN	ORDER NO.	PU
<b>Blind actuator channels for 4 AC drives or 2 DC drives</b>		
light grey, 4gang 230 V AC or 2gang 12 - 48 V DC <sup>1)</sup>	<b>7531 40 18</b>	1
<b>Blind actuator channels for 8 AC drives or 4 DC drives</b>		
light grey, 8gang 230 V AC or 4gang 12 - 48 V DC <sup>2)</sup>	<b>7531 80 08</b>	1

<sup>1)</sup> dimensions (W x H x D): 72 x 90 x 70 mm, 4 modules  
<sup>2)</sup> dimensions (W x H x D): 144 x 90 x 70 mm, 8 modules



**Roller shutter actuator 4gang RMD**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 6 A
max. switching capacity at	230 V~
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

Follow the motor manufacturers' instructions.

- for activation of max. 4 independent 230 V~ drives
- with 8 red status LEDs and 3 red LEDs as manual actuation indication
- operating mode only roller shutters
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- switchover with lockout of KNX function to permanent manual operation including master stop
- shutter operation concept short-long-short and long-short parameterisable
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- suitable to switch different external conductors
- with screw terminals

DESIGN	ORDER NO.	PU
light grey	<b>7531 40 22</b>	1

**HVAC ACTUATORS RMD**



**Heating actuator 6gang RMD 230 V**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230/240 V~
Frequency	50/60 Hz
Switching current at 250 V~	max. 50 mA
Actuators per channel	max. 4
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

- valve drives for thermoelectric valve drives 230 V, closed in de-energized state
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- with programming button and red programming LED
- bus connection via connecting terminal
- with emergency programme, e.g. for sensor or bus failure
- with screw terminals

DESIGN	ORDER NO.	PAGE
light grey	<b>7531 60 03</b>	1

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Valve drive 230 V	7590 00 76	144





**Fan coil actuator 2gang RMD**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Conventional transformers	1200 W
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1000 W
- parallel compensated	1160 W /140 µF
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

Comply with the fan convector manufacturer's instructions.  
Optimised for commissioning with ETS3 from version D, patch A.

- with 8 red status LEDs and 3 red LEDs as manual actuation indication
- operating modes heating, cooling or heating and cooling
- for the electric activation of fan convectors
- activation of 1 or 2 fan channels with 6 or 3 fan stages
- for converting RTR control variables into valve positions, fan stages
- manual activation of blow fans using push-buttons or the operating panel
- 4 manual operation buttons for controlling fan stages and bus function on/off
- use of free channels to control switching loads
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- with screw terminals

DESIGN	ORDER NO.	PU
light grey	<b>7531 20 12</b>	1

**Valve drives**



**KNX valve drive**

Operating voltage over bus	21 ... 32 V=
Running time	25 s /mm
Stroke	4.5 mm
Operating temperature	+0 ... +50 °C
Medium temperature	max. 100 °C
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	46 x 87 x 60 mm
Cap nut (M x L)	M30 x 1.5 mm
Metric thread	M30

IP42 with horizontal installation and IP43 with vertical installation

- suitable for Heimeier heater valve tappets
- with 2 independent binary inputs
- to connect potential-free contacts (e.g. Reed)
- with magnet for programming reed contact and red programming LED

SUITABLE FOR replacement	ORDER NO.	PAGE
Programming magnet	7590 00 19	882

DESIGN	ORDER NO.	PU
polar white	<b>7550 00 02</b>	1



**Programming magnet**

- replacement
- for programming reed contact

SUITABLE FOR	ORDER NO.	PAGE
Weather station surface-mounted	7549 00 01	863
KNX valve drive	7550 00 02	882
Combi sensor surface-mounted	7590 00 57	865

DESIGN	ORDER NO.	PU
white	<b>7590 00 19</b>	1



IP54

**Valve drive 230 V**

Operating voltage	230 V~
Frequency	0 ... 60 Hz
Power consumption	1.8 W
Running time	45 s /mm
Stroke	4 mm
Operating temperature	+0 ... +60 °C
Medium temperature	max. 0 ... 100 °C
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm

Neutral conductor necessary!  
Order valve adapter separately.

- valve drives closed in de-energized state
- thermoelectric mode of operation
- with state indication (opened or closed)
- with overheating protection
- with anti-dismantling protection
- pluggable connection cable
- for plug-in cover

SUITABLE FOR	ORDER NO.	PAGE
Valve adapter for valve drive		page 883
Heating actuator 6gang RMD 230 V	7531 60 03	881
Heating actuator 230 V flush-mounted	7534 10 05	886
Blind and heating actuator 1 + 1gang flush-mounted	7534 10 06	886
Valve adapter for valve drive	7590 00 7 ..	144



DESIGN	ORDER NO.	PU
polar white	<b>7590 00 76</b>	1



IP54

**Valve drive 24 V AC/DC**

Operating voltage	24 V~/=
Frequency	50/60 Hz
Power consumption	1.8 W
Running time	45 s /mm
Stroke	4 mm
Operating temperature	+0 ... +60 °C
Medium temperature	max. 0 ... 100 °C
Line length	max. 200 m
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm

Order valve adapter separately.

- valve drives closed in de-energized state
- thermoelectric mode of operation
- with state indication (opened or closed)
- with overheating protection
- with anti-dismantling protection
- pluggable connection cable
- for plug-in cover

SUITABLE FOR	ORDER NO.	PAGE
Heating actuator 24 V AC surface-mounted		page 887
Valve adapter for valve drive	7590 00 7 ..	144



DESIGN	ORDER NO.	PU
polar white	<b>7590 00 77</b>	1



**Valve adapter for valve drive**

Cap nut (M x L)	M30 x 1.5 mm
Metric thread	M30

More valve adapters upon request.

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	144
Valve drive 24 V AC/DC	7590 00 77	144

DESIGN	ORDER NO.	PU
grey, VA10, Dumser/Simplex/Beulco (from 2005)	<b>7590 00 72</b>	1
dark grey, VA50, Cazzaniga/Honeywell & Braukmann/Landis & Gyr/Frese/Reich (distributor)/KaMo	<b>7590 00 73</b>	1
light grey, VA80, Comap/Empur/Heimeier/Herb/IVAR/MNG/Onda/Oventrop/Schlösser/Strawa/TA/Thermot	<b>7590 00 75</b>	1
polar white, VA78, flange for Danfoss valves, type: RA	<b>7590 00 74</b>	1



ANALOGUE ACTUATORS



**Analogue actuator 4gang RMD**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Frequency	50/60 Hz
Output load voltage	> 1 kΩ
Voltage, outputs	0 ... 1; 0 ... 10 V
Output current per channel	max. 20 mA
Current consumption	max. 170 mA
Outputs current	0 ... 20, 4 ... 20 mA
Output load current	< 500 Ω
Forced controls (1-bit objects)	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

- with green/red status LED (operation/fault)
- with red programming LED
- channels can be adjusted independently
- with programming button
- expandable with 4gang analogue actuator module
- bus connection via connecting terminal
- initial status via status- and/or switch object evaluable
- with 4 independant analogue outputs
- cyclic supervision of the outputs
- with screw terminals
- with system interface for analogue actuator module

SUITABLE FOR	ORDER NO.	PAGE
Power supply 24 V AC RMD	7591 00 01	867
<b>optional</b>		
Analogue actuator module 4gang RMD	7552 40 01	884

The analogue actuator receives KNX telegrams and converts them into current and/or voltage signals, e.g. for heating, air conditioning and ventilation systems.

Output signals according to DIN IEC 381

DESIGN	ORDER NO.	PU
light grey	<b>7551 40 01</b>	1



**Analogue actuator module 4gang RMD**

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Frequency	50/60 Hz
Output load voltage	> 1 kΩ
Voltage, outputs	0 ... 1; 0 ... 10 V
Output current per channel	max. 20 mA
Current consumption	max. 170 mA
Outputs current	0 ... 20, 4 ... 20 mA
Output load current	< 500 Ω
Forced controls (1-bit objects)	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

- with 4 yellow output status LEDs
- with green/red status LED (operation/fault)
- as extension for analogue actuator 4gang
- with 4 independant analogue outputs
- cyclic supervision of the outputs
- with screw terminals
- with system plug for connection to the analogue actuator or system interface

SUITABLE FOR	ORDER NO.	PAGE
Analogue actuator 4gang RMD	7551 40 01	884

Output signals according to DIN IEC 381

DESIGN	ORDER NO.	PU
light grey	<b>7552 40 01</b>	1

**ACTUATORS, FLUSH/SURFACE-MOUNTED**



**Switch actuator 1gang flush-mounted**

Operating voltage over bus	21 ... 32 V=
Making current	max. 400 A /20 ms
max. switching capacity at 230 V incandescent lamps	230 V~ , 50/60 Hz
	2500 W
230 V halogen lamps	2200 W
Conventional transformers	1000 VA
Electronic transformers	1000 W
Capacitive load	10 A , max. 105 µF
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm <sup>2</sup>
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm
Centre hole Ø	7.5 mm

- binary input functions: Switching, dimming, shutter control and value transmitter
- with programming button and red programming LED
- programmable from ETS2, V1.3
- with 2 independent binary inputs for potential-free contacts
- with potential-free NO contact as well as NC contact parameterisable
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

DESIGN	ORDER NO.	PU
light grey	<b>7534 10 01</b>	1



**Switch actuator 2gang flush-mounted**

Operating voltage over bus	21 ... 32 V=
Making current	max. 120 A /20 ms
max. switching capacity at 230 V incandescent lamps and halogen lamps	230 V~ , 50/60 Hz
	1200 W
Conventional transformers	500 VA
Electronic transformers	500 W
Capacitive load	6 A , max. 14 µF
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 3 x 1,5 mm <sup>2</sup>
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

- binary input functions: Switching, dimming, shutter control and value transmitter
- for switching, e.g. of 2 independent loads
- with programming button and red programming LED
- programmable from ETS2, V1.3
- with 2 independent binary inputs for potential-free contacts
- with 2 potential-free NO contacts on common entry, as well as NC contact can be parameter
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

DESIGN	ORDER NO.	PU
light grey	<b>7534 20 01</b>	1



**Universal dim actuator flush-mounted**

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Control voltage	230 V~
230 V incandescent lamps and halogen lamps	50 ... 210 W
Dimmable conventional transformers	50 ... 210 VA
Electronic transformers	50 ... 210 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm <sup>2</sup>
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

- binary input functions: Switching, dimming, shutter control and value transmitter
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- with programming button and red programming LED
- programmable from ETS2, V1.3
- with 2 independent binary inputs for potential-free contacts
- short-circuit and overload proof (electronic fuse)
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

SUITABLE FOR	ORDER NO.	PAGE
Power booster built-in (R, L)	2869 ..	63
<b>optional</b>		
Tronic power booster built-in (R, C)	2868	63

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers to one output together with electronic transformers.

DESIGN	ORDER NO.	PU
light grey	<b>7534 10 03</b>	1





**Blind actuator flush-mounted**

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching capacity for max. 1 motor	600 VA
max. switching capacity at	230 V~, 50/60 Hz
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 3 x 1,5 mm <sup>2</sup>
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

Follow the motor manufacturers' instructions.

- binary input functions: Switching, dimming, shutter control and value transmitter
- for activation of a drive for alternating current
- operating mode can be set for blind, shutter/awning or ventilation flap
- with programming button and red programming LED
- bus connection via connecting terminal
- switching time on change of direction programmable
- with 3 independent binary inputs for potential-free contacts
- with 2 potential-free contacts, mechanically interlocked
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

DESIGN	ORDER NO.	PU
light grey	<b>7534 10 04</b>	1



**Heating actuator 230 V flush-mounted**

Operating voltage	21 ... 32 V=
Switching current for electronic outputs	max. 25 mA
Actuators per channel	max. 2
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm <sup>2</sup>
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

Optimised for commissioning with ETS3 from version D, patch A.

- binary input functions: Switching, dimming, shutter control and value transmitter
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- with programming button and red programming LED
- 1 electronic output (triac) for connection of 230V thermo-electric actuator drives
- with 3 independent binary inputs for potential-free contacts
- with emergency programme, e.g. for sensor or bus failure
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Valve drive 230 V	7590 00 76	144

DESIGN	ORDER NO.	PU
light grey	<b>7534 10 05</b>	1



**Blind and heating actuator 1 + 1gang flush-mounted**

Operating voltage over bus	21 ... 32 V=
Switching current for electronic outputs	max. 25 mA
Switching capacity for max. 1 motor	600 VA
max. switching capacity at	230 V~, 50/60 Hz
Actuators per channel	max. 2
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm <sup>2</sup>
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

Follow the motor manufacturers' instructions.

Optimised for commissioning with ETS3 from version D, patch A.

- binary input functions: Switching, dimming, shutter control and value transmitter
- for activation of a drive for alternating current
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- operating mode can be set for blind, shutter/awning or ventilation flap
- with programming button and red programming LED
- 1 electronic output (triac) for connection of 230V thermo-electric actuator drives
- switching time on change of direction programmable
- with 3 independent binary inputs for potential-free contacts
- with emergency programme, e.g. for sensor or bus failure
- with 2 potential-free contacts, mechanically interlocked
- installation in flush-mounted or splash-protected junction box

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
Valve drive 230 V	7590 00 76	144

DESIGN	ORDER NO.	PU
light grey	<b>7534 10 06</b>	1



**Heating actuator 24 V AC surface-mounted**

**- Integrated transformer**



Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Output voltage	24 V~
Total output current	max. 1 A
Actuators, 24 V	max. 13
Operating temperature	+0 ... +50 °C
Dimensions (W x H x D)	302 x 75 x 70 mm
Frequency	50/60 Hz

- for valve drives 24 V, closed in de-energized state
- with on red heat request LED per channel
- with green operation LED and red programming LED
- with red fuse LED
- with integral transformer
- bus connection via connecting terminal
- with emergency programme, e.g. for sensor or bus failure
- short-circuit and overload proof (fine-wire fuse)
- with plug-in terminals
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 24 V AC/DC	7590 00 77	144

DESIGN	ORDER NO.	PU
grey, 6gang Triac <sup>1)</sup>	<b>7533 60 01</b>	1
grey, 12gang Triac <sup>2)</sup>	<b>7533 00 01</b>	1

<sup>1)</sup> max. 4 valve drives 24 V per channel  
<sup>2)</sup> max. 2 valve drives 24 V per channel



KNX

KNX SYSTEM UNITS



**B.**  
Berker



SYSTEM COMPONENTS	890-894
GATEWAYS	894
ALARM SYSTEM	895

The system components are KNX devices, which assume higher-level functions, independent of the application. They guarantee the necessary infrastructure in the building, ensuring a flawless information exchange between sensors and actuators. In addition, the system devices stand for the highest quality and functional safety in the system.

**SYSTEM COMPONENTS**

**Power supplies**



**KNX Power supply 320 mA RMD**

Operating voltage	230 V~	■ with green operation LED, red overload LED and yellow overvoltage LED
Frequency	50/60 Hz	■ with red reset LED
Output voltage	28 ... 31 V=	■ other bus line must be decoupled via a choke
Output current	max. 320 mA	■ further bus line connectable with connecting terminal
Bus lines	max. 2	■ short-circuit and overload proof (electronic fuse)
Operating temperature	-5 ... +45 °C	■ with integral reset switch
Dimensions (W x H x D)	72 x 90 x 68 mm	■ with integral choke
Width of rail mounted device (RMD)	4 TE	■ protected earth conductor must be connected
Assembling height as from DIN rail	61 mm	■ with screw terminals

DESIGN	ORDER NO.	PU
light grey	<b>7501 00 09</b>	1



**KNX Power supply 640 mA RMD**

Operating voltage	230 V~	■ with 2 red reset LEDs
Frequency	50/60 Hz	■ with green operation LED, red overload LED and yellow overvoltage LED
Output voltage	28 ... 31 V=	■ other 3rd bus line must be decoupled via a choke
Output current	max. 640 mA	■ other 3rd bus line can be connected via terminal
Bus lines	max. 3	■ short-circuit and overload proof (electronic fuse)
Operating temperature	-5 ... +45 °C	■ with 2 integrated reset switches
Dimensions (W x H x D)	126 x 90 x 68 mm	■ with 2 integrated chokes
Width of rail mounted device (RMD)	7 TE	■ protected earth conductor must be connected
Assembling height as from DIN rail	61 mm	■ with screw terminals

DESIGN	ORDER NO.	PU
light grey	<b>7501 00 10</b>	1

**Uninterruptible power supply**



**KNX power supply uninterruptible 640 mA RMD**

Operating voltage	230 V~	■ with green operation LED, red overload LED and yellow overvoltage LED
Frequency	50/60 Hz	■ with green mains LED and green storage battery indicator LED
Output voltage	28 ... 31 V=	■ with integral reset button
Output current	max. 640 mA	■ potential-free change-over signalling contact for power failure, storage battery failure, overload/o
Bus lines	max. 1	■ protected earth conductor must be connected
Operating temperature	-5 ... +45 °C	■ line connection via connecting terminal
Network failure by-passing with lead batteries, 12 Ah	≈ 5.5 h	■ with screw terminals
Dimensions (W x H x D)	144 x 90 x 66 mm	■ connection of a second lead battery to extend the back-up power time
Width of rail mounted device (RMD)	8 TE	■ temperature-controlled charging of the battery
Assembling height as from DIN rail	59 mm	

SUITABLE FOR	ORDER NO.	PAGE
Cable set for lead storage battery	7590 00 66	891
<b>optional</b>		
Cable set for 2nd lead storage battery	7590 00 67	891
Lead storage battery 12 V	7590 00 68	890

DESIGN	ORDER NO.	PU
light grey	<b>7501 00 15</b>	1



**Lead storage battery 12 V**

Rated voltage	12 V=	■ for KNX 640 mA power supply, uninterruptible
Charging capacity	12 Ah	
Dimensions (W x H x D)	94 x 151 x 98 mm	<b>SUITABLE FOR</b>
Weight	≈ 4.2 g	KNX power supply uninterruptible 640 mA RMD
Period of use [years]	≈ 5	ORDER NO.
		7501 00 15
		PAGE
		890
		Cable set for lead storage battery
		7590 00 66
		891
		Cable set for 2nd lead storage battery
		7590 00 67
		891

DESIGN	ORDER NO.	PU
Lead storage battery 12 V	<b>7590 00 68</b>	1



**Cable set for lead storage battery**

Line length ≈ 2 m ■ with temperature sensor  
■ with fuse holder for fine-wire fuses

SUITABLE FOR	ORDER NO.	PAGE
Lead storage battery 12 V	7590 00 68	890
KNX power supply uninterruptible 640 mA RMD	7501 00 15	890

DESIGN	ORDER NO.	PU
Cable set for lead storage battery	<b>7590 00 66</b>	1



**Cable set for 2nd lead storage battery**

Line length 2 m ■ with temperature sensor

SUITABLE FOR	ORDER NO.	PAGE
Lead storage battery 12 V	7590 00 68	890

DESIGN	ORDER NO.	PU
Cable set for 2nd lead storage battery	<b>7590 00 67</b>	1

**Couplers**



**Coupler RMD**

Operating voltage over bus 21 ... 32 V= ■ can be used as line/area coupler or line amplifier  
 Operating temperature -5 ... +45 °C ■ with 2 yellow data traffic LEDs for higher and lower ranking line  
 Dimensions (W x H x D) 36 x 90 x 70 mm ■ with green operation LED, red programming LED and red diagnosis LED  
 Width of rail mounted device (RMD) 2 TE ■ with programming button  
 Assembling height as from DIN rail 63 mm ■ line connection via connecting terminal

DESIGN	ORDER NO.	PU
light grey	<b>* 7501 00 14</b>	1

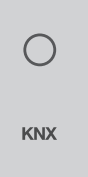


**IP router RMD**

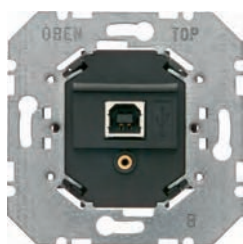
Operating voltage 24 V~/= ■ can be used as line/area coupler  
 Operating temperature -5 ... +45 °C ■ with green operation LED and yellow data traffic LED  
 Dimensions (W x H x D) 36 x 90 x 58 mm ■ with green, yellow and red LEDs for indicating the IP communication  
 Width of rail mounted device (RMD) 2 TE ■ with programming button and red programming LED  
 Assembling height as from DIN rail 55 mm ■ for reporting bus voltage failure via data networks  
■ as interface to PCs and data processing devices  
■ EIBnet/IP according to Konnex specifications: Core, Routing, Tunnelling, Device Management  
■ internet protocols supported: ARP, ICMP, IGMP, UDP/IP, DHCP  
■ quick communication of lines/areas and systems via data networks (Internet protocols)  
■ operating voltage connection via connecting terminal  
■ line connection via connecting terminal  
■ with RJ45 connection for Ethernet/IP networks

SUITABLE FOR	ORDER NO.	PAGE
Power supply 24 V AC RMD	7591 00 01	867

DESIGN	ORDER NO.	PU
light grey	<b>7501 00 16</b>	1



**Data interfaces**



**KNX data interface USB flush-mounted**

Operating voltage over bus	21 ... 32 V=	■ programmable from ETS3, V1.0
Data transmission rate	max. 9.6 kBd	■ for addressing, programming and diagnosis of KNX components
Operating temperature	-5 ... +45 °C	■ with B-type USB socket for data traffic (voltage supply via PC)
USB cable length	max. 5 m	■ compatible with USB 1.1/2.0 transmission protocols
		■ system requirements: Windows 2000 or later
		■ without spreader claws
		■ with flash-controller technology

DESIGN	ORDER NO.	PU
black	<b>7504 00 04</b>	1



**Centre plate with TAE cut-out**

SUITABLE FOR	ORDER NO.	PAGE
230 V USB charging socket outlet	2600 0 ..	176
Loudspeaker connection box	4572 ..	177
Stereo loudspeaker connection box	4573 ..	177
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	165
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	165
KNX data interface USB flush-mounted	7504 00 04	892

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>1033 89 12</b>	10
polar white glossy	<b>1033 89 19</b>	10
polar white matt, with 2 knock out openings	<b>1033 19 09</b>	10
anthracite matt, with 2 knock out openings	<b>1033 16 06</b>	10
aluminium matt, lacquered, with 2 knock out openings	<b>1033 14 04</b>	10

**Modul 2**

white glossy	# <b>1033 02</b>	10
polar white glossy	# <b>1033 09</b>	10

**Berker Q.1/Q.3**

polar white velvety	<b>1033 60 89</b>	10
anthracite velvety, lacquered	* <b>1033 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1035 70 09</b>	10
anthracite matt, lacquered	<b>1035 70 06</b>	10
Aluminium, aluminium anodised	* <b>1035 70 03</b>	10
Stainless steel, metal matt finish	<b>1035 70 04</b>	10

**Berker Arsys**

white glossy	<b>1035 01 02</b>	10
polar white glossy	<b>1035 01 69</b>	10
brown glossy	<b>1035 01 01</b>	10
light bronze matt, aluminium lacquered	<b>1034 00 01</b>	10
Stainless steel, metal matt finish	<b>1034 00 04</b>	10
gold matt, aluminium anodised	<b>1034 00 02</b>	10

**Berker R.1/R.3**

polar white glossy	* <b>1038 20 89</b>	10
black glossy	* <b>1038 20 45</b>	10





**KNX data interface USB RMD**

Operating voltage over bus	21 ... 32 V=	■ programmable from ETS3, V1.0
Data transmission rate	max. 9.6 kBD	■ with B-type USB socket for data traffic (voltage supply via PC)
Operating temperature	-5 ... +45 °C	■ compatible with USB 1.1/2.0 transmission protocols
USB cable length	max. 5 m	■ system requirements: Windows 2000 or later
Dimensions (W x H x D)	36 x 90 x 70 mm	■ with flash-controller technology
Width of rail mounted device (RMD)	2 TE	
Assembling height as from DIN rail	63 mm	

For connection of a PC for addressing, programming and diagnosis of KNX components and for visualisation.

DESIGN	ORDER NO.	PU
light grey	<b>7501 00 12</b>	1

**Accessories**



**Data rail with connector**

Operating temperature	-5 ... +45 °C	■ with 4 plug-in terminals 4pole
length	214 mm	■ self-adhesive
For DIN rail with depth	7.5 mm	
Width of rail mounted device (RMD)	12 TE	

For DIN rail 35 x 7.5 mm to according to DIN EN 60715

DESIGN	ORDER NO.	PU
Data rail with connector	<b>7500 00 08</b>	1



**Cover for data rail**

Operating temperature	-5 ... +45 °C	■ to protect against dirt contamination and interference voltage
length	240 mm	
divisible into	0.5 TE-steps	
Width of rail mounted device (RMD)	13.5 TE	

DESIGN	ORDER NO.	PU
light grey	<b>7500 00 04</b>	5



**Connecting terminal**

Operating temperature	-5 ... +45 °C	■ 2pole
Conductor Ø	0.6 ... 0.8 mm	■ for the bus connection of the units
Number of conductors	2 x 4	■ polarization red + black -
Dimensions (L x W x H)	10.2 x 11.5 x 10 mm	■ can be used as branch terminal
		■ with plug-in terminals

DESIGN	ORDER NO.	PU
red/black	<b>7500 00 05</b>	50



**Blind plug for bus coupling unit**

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ 7504 00 03 with thermostat		836
Bus coupling unit flush-mounted	7504 00 01	796

DESIGN	ORDER NO.	PU
--------	-----------	----

**Berker S.1/B.3/B.7**

white glossy	<b>7594 02 52</b>	1
polar white glossy	<b>7594 02 59</b>	1
polar white matt	<b>7594 02 89</b>	1
anthracite matt	<b>7594 02 85</b>	1
aluminium matt, lacquered	<b>7594 02 83</b>	1

**Modul 2**

white glossy	<b># 7594 02 12</b>	1
polar white glossy	<b># 7594 02 19</b>	1

DESIGN	ORDER NO.	PU
<b>Berker Q.1/Q.3</b>		
polar white velvety	<b>7594 02 29</b>	1
anthracite velvety, lacquered	* <b>7594 02 26</b>	1
<b>Berker K.1/K.5</b>		
polar white glossy	<b>7594 02 79</b>	1
anthracite matt, lacquered	<b>7594 02 75</b>	1
Aluminium, aluminium anodised	* <b>7594 02 71</b>	1
Stainless steel, metal matt finish	<b>7594 02 73</b>	1
<b>Berker Arsys</b>		
white glossy	<b>7594 02 42</b>	1
polar white glossy	<b>7594 02 49</b>	1
light bronze matt, lacquered	<b>7594 02 44</b>	1
Stainless steel, metal matt finish	<b>7594 02 43</b>	1

DESIGN	ORDER NO.	PU
<b>Protective cover</b>		
black	<b>7500 00 07</b>	10

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	796
Flush-mounted bus coupling unit for B.I.Q 7504 00 03 with thermostat		836

DESIGN	ORDER NO.	PU
<b>Product database</b>		
Product database in German, German version	<b>7590 00 20</b>	1
Product database in English, English version	<b>7590 00 60</b>	1

For further languages please contact our local representative!  
 The product database delivers all current Berker KNX components for installation in the ETS database.

- as download on the Berker homepage
- CD-ROM from ETS 2.0

**GATEWAYS**

DESIGN	ORDER NO.	PU
<b>Radio receiver surface-mounted</b>		
Operating voltage over bus	21 ... 32 V=	■ for switch, push-button, dimmer and shutter functions
Radio reception frequency	433.42 MHz	■ processing of the radio signals of hand-held, wall-mounted and flush-mounted radio transmitters and radio controllers
Number of function channels	50	■ with 2-digit, 7-segment function channel display
Number of teachable radio transmitters	100	■ with green operation LED and red programming LED
Operating temperature	-5 ... +45 °C	■ extension unit for light scene push-button
Dimensions (W x H x D)	110 x 94 x 38 mm	■ with acknowledgement button
A 9 V block battery is required for teach-in of radio transmitters, e.g. order no. 9209.		
The surface-mounted radio receiver converts signals of taught-in radio bus transmitters into KNX telegrams.		
For matching hand-held radio transmitters, see radio bus.		
■ with programming button and function channel selection button		
■ bus connection via connecting terminal		
■ dimming / position value transmitter 1 byte		
■ with fitting material		
■ with screw terminals		
<b>SUITABLE FOR</b>		
Radio transmitter 2gang flush-mounted	124 10	751
Radio controller surface-mounted	1 7401 09	749
Radio wall transmitter insert	2764	733
Radio hand-held transmitter comfort	2766	728
Radio hand-held transmitter mini	2769	729
Radio controller flat	9420 ..	748
Radio magnetic contact	9430 01 00	750
white	<b>7563 00 04</b>	1

**ALARM SYSTEM**



**KNX alarm central unit**

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	12 V=
Switching current	max. 1.8 A
Switching current, change-over, at 12 V	max. 5 A
Operating temperature	-5 ... +45 °C
Cable length, alarm devices	max. 100 m
Cable length of wired detector	max. 200 m
Cable length, sabotage line	max. 600 m
Dimensions (W x H x D)	210 x 270 x 72 mm
Weight	≈ 1.5 kg

You can find information on the available training courses in the chapter KNX, training.

To prevent malfunctions, we recommend that only Berker KNX products are used in connection with the alarm central unit KNX.

- cascadable
- control TWG robbery, break-in, fire, malfunction, live/safe potential-free contacts/KNX
- alarm duration and delay times activated/alarm adjustable
- decentral indication and operation, e.g. info display
- detector descriptions can be defined as required
- with green operation LED and red programming LED
- with control LED per output
- with integral clock (DCF-compatible using system clock)
- sensor inputs via binary inputs or universal interfaces
- cyclic sensor monitoring
- outputs for outside/inside siren and flash light or connection to KNX via actuator
- with sabotage protection by contact in cover
- additional signal input as sabotage protection for mounting place
- alarm zones can be activated individually or linked
- for maximum 160 sensors (communication objects) and 4 alarm zones
- history memory with individual sensor identification
- requirement: ETS2 V1.2a or ETS3
- with fitting material
- bus connection via connecting terminal
- with screw terminals
- with emergency power storage battery 12 V for maximum 12 hours

SUITABLE FOR	ORDER NO.	PAGE
DETECTORS/SENSORS		page 900
ALARM UNITS		page 901
ACTIVATING DEVICES		page 902
VISUALISATIONS		page 844
<b>replacement</b>		
12 V storage battery for emergency power operation	9200 01	895



DESIGN	ORDER NO.	PU
polar white/black	<b>7573 00 10</b>	1



**12 V storage battery for emergency power operation**

Output voltage	12 V=
Charging capacity	1.2 Ah
Flat connector size (size width x size width)	4.8 x 0.8 mm

- for KNX alarm central unit
- replacement

SUITABLE FOR	ORDER NO.	PAGE
KNX alarm central unit	7573 00 10	895

DESIGN	ORDER NO.	PU
12 V storage battery for emergency power operation	<b>9200 01</b>	1







ALARM SYSTEM	898
KNX ALARM SYSTEM	898-899
DETECTORS/SENSORS	900-901
ALARM UNITS	901-902
ACTIVATING DEVICES	902-903
SUPPLEMENTARY PRODUCTS	904
SMOKE DETECTORS	904-905

With innovative technology and restrained design that integrates virtually unnoticed into the living environment, Berker's security and safety systems provide reliable protection - for both the material and the less tangible things in your customer's life. These systems ensure reliable protection against break-ins, theft, vandalism and fire.

#### CONVENTIONAL ALARM SYSTEM

Conventionally-wired alarm systems offer particularly economical monitoring for smaller properties such as owner-occupied flats, whole-floor flats, holiday homes etc..

- Monitoring during absences and when occupier is present
- Emergency/attack button can be integrated
- Sabotage protection and emergency power supply
- With four signal lines and key switches

#### KNX ALARM SYSTEM

A very high-performance alarm system for integration into the intelligent KNX building management systems, offering optimal protection of monitored properties.

- Simple connection to KNX with no additional wiring required
- Integration of conventional detectors and alarm units via KNX universal interfaces
- Management of 160 detectors in four separate security zones
- Event documenting and emergency power supply

**ALARM SYSTEM**



**Alarm central unit**

Operating voltage	230 V~	■ for wired components
Frequency	50 Hz	■ with 4 signal lines (internal, external, sabotage, 24 h)
Operating voltage, alternative	12 V=	■ 2 control centre and 4 signal line status LEDs
Output voltage	12 V=	■ emergency power supply from battery
Switching current at 12 V=	max. 1 A	■ with sabotage protection by contact in cover
Acoustic pressure of buzzer at a distance of 10 cm	85 dB (A)	■ with integrated key switch and 2 keys
Siren duration, settable	≈ 0 ... 180 s	■ with buzzer for acknowledgement and internal alarm message
Activation/alarm delay time, settable	0 ... 60 s	■ flash light on external siren lights until disarmed
Pulse duration for inputs	min. 0.4 s	■ with fitting material
Operating temperature	+0 ... +50 °C	■ with screw terminals
Dimensions (W x H x D)	165 x 215 x 48 mm	

Lithium battery pack 14.4 V for emergency power supply - order separately!

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
DETECTORS/SENSORS		page 900
ALARM UNITS		page 901
Key switches		page 902

**i 950**



DESIGN	ORDER NO.	PU
polar white/black	<b>9020</b>	1



**Lithium battery pack 14.4 V**

Output voltage	14.4 V=	■ as emergency power supply for alarm central unit
Charging capacity	2 Ah	
Line length	≈ 60 mm	

DESIGN	ORDER NO.	PU
Lithium battery pack 14.4 V	<b>9214 01</b>	1

**KNX ALARM SYSTEM**



**KNX alarm central unit**

Operating voltage	230 V~	■ for maximum 160 sensors (communication objects) and 4 alarm zones
Frequency	50/60 Hz	■ alarm zones can be activated individually or linked
Output voltage	12 V=	■ sensor inputs via binary inputs or universal interfaces
Switching current	max. 1.8 A	■ cyclic sensor monitoring
Switching current, change-over, at 12 V	max. 5 A	■ control TWG robbery, break-in, fire, malfunction, live/safe potential-free contacts/KNX
Cable length, alarm devices	max. 100 m	■ outputs for outside/inside siren and flash light or connection to KNX via actuator
Cable length of wired detector	max. 200 m	■ with green operation LED and red programming LED
Cable length, sabotage line	max. 600 m	■ with control LED per output
Operating temperature	-5 ... +45 °C	■ short-circuit and overload proof (fine-wire fuse)
Dimensions (W x H x D)	210 x 270 x 72 mm	■ with sabotage protection by contact in cover

You can find information on the available training courses in the chapter KNX, training.

To prevent malfunctions, we recommend that only Berker KNX products are used in connection with the alarm central unit KNX.

- additional signal input as sabotage protection for mounting place
- decentral indication and operation, e.g. info display
- with emergency power storage battery 12 V for maximum 12 hours
- with integral clock (DCF-compatible using system clock)
- alarm duration and delay times activated/alarm adjustable
- bus connection via connecting terminal
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
DETECTORS/SENSORS		page 900
ALARM UNITS		page 901
ACTIVATING DEVICES		page 902
VISUALISATIONS		page 844

**replacement**  
12 V storage battery for emergency power operation - 9200 01 895



DESIGN	ORDER NO.	PU
polar white/black	<b>7573 00 10</b>	1



**12 V storage battery for emergency power operation**

Output voltage	12 V=	■ for KNX alarm central unit
Charging capacity	1.2 Ah	
Flat connector size (size width x size width)	4.8 x 0.8 mm	

DESIGN	ORDER NO.	PU
12 V storage battery for emergency power operation	<b>9200 01</b>	1

**Universal interfaces**

- For the connection of detectors, sensors, key switches and bolt switch contacts to the KNX alarm central unit



**Universal interface 2gang flush-mounted**

Operating voltage over bus	21 ... 32 V=	■ 2 binary inputs, 2 outputs or 1 binary input and 1 output parameterisable
Input scanning voltage	per channel 5 V	■ with 2 independent binary inputs for potential-free contacts
Output current per channel	max. 0.8 mA	■ outputs for LEDs, e.g. as status LED
Line length	≈ 250 mm	■ for impulse counter function, input 2 is required for the synchronising signal
Cable length extendable to	max. 5 m	■ functions: impulse counter or switch counter for input 1
Operating temperature	-5 ... +45 °C	■ for switch, push-button, dimmer and shutter functions
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm	■ cyclic transmission parameterisable for switching function
		■ with programming button and red programming LED
		■ bus connection via connecting terminal

DESIGN	ORDER NO.	PU
light grey	<b>7564 20 01</b>	1



**Universal interface 4gang flush-mounted**

Operating voltage over bus	21 ... 32 V=	■ 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
Input scanning voltage	per channel 5 V	■ with 4 independent binary inputs for potential-free contacts
Output current for channel 1 and channel 2	max. 0.8 mA	■ outputs for LEDs, e.g. as status LED
Line length	≈ 250 mm	■ for impulse counter function, inputs 3 and 4 are required for the synchronising signal
Cable length extendable to	max. 5 m	■ functions: impulse counter or switch counter for inputs 1 and 2
Operating temperature	-5 ... +45 °C	■ for switch, push-button, dimmer and shutter functions
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm	■ cyclic transmission parameterisable for switching function
		■ with programming button and red programming LED
		■ bus connection via connecting terminal

DESIGN	ORDER NO.	PU
light grey	<b>7564 40 01</b>	1



**Universal interface 8gang flush-mounted**

Operating voltage over bus	21 ... 32 V=	■ protected against polarity reversal
Input scanning voltage	per channel 20 V	■ 8 binary inputs, 8 outputs or 4 binary inputs and 4 outputs parameterisable
Output current per channel	max. 0.8 mA	■ with 8 independent binary inputs for potential-free contacts
Line length	max. 10 m	■ outputs for LEDs, e.g. as status LED
Operating temperature	-5 ... +45 °C	■ short-circuit and overload proof (electronic fuse)
Dimensions (W x H x D)	44 x 48 x 32 mm	■ for switch, push-button, dimmer and shutter functions
		■ cyclic transmission can also be started via switching object
		■ with programming button and red programming LED
		■ bus connection via connecting terminal
		■ with screw terminals

DESIGN	ORDER NO.	PU
black	<b>7564 80 01</b>	1



DETECTORS/SENSORS

- Direct connection to alarm central unit
- Connection to KNX alarm central unit via universal interface

Magnetic contacts



**Magnetic contact**

Switching voltage max. 40 V=  
Switching current 500 mA  
Breaking capacity max. 10 W  
Line length 3 m  
Dimensions sensor (L x W x H) 44 x 15 x 15 mm

To monitor window and door opening.

- built-on/built-in
- pre-assembled, with cable
- in the isolated state the contact is open

SUITABLE FOR	ORDER NO.	PAGE
ALARM SYSTEM		page 898
<b>optional</b>		
KNX ALARM SYSTEM		page 898
Universal interfaces		page 899

**i 947**



DESIGN	ORDER NO.	PU
polar white glossy	<b>9251 02</b>	1
brown glossy	<b>9251 01</b>	1



**Gate contact**

Switching voltage max. 20 V=  
Switching current max. 500 mA  
Line length 2 m

- magnetic contact to monitor opening of gates and roller doors
- solid metal design
- with fitting material
- for floor mounting
- pre-assembled, with cable
- in the isolated state the contact is open

SUITABLE FOR	ORDER NO.	PAGE
ALARM SYSTEM		page 898
<b>optional</b>		
KNX ALARM SYSTEM		page 898
Universal interfaces		page 899



DESIGN	ORDER NO.	PU
Gate contact	<b>9252</b>	1

Glass breakage sensors



**Glass breakage sensor**

Switching voltage max. 18 V=  
Switching current max. 10 mA  
Transition resistance, idle state max. 30 Ω  
Transition resistance, alarm state min. 1 MΩ  
Opening time according to glass type 0.5 ... 5 s  
Line length 5 m

- passive piezoelectric glass breakage sensor
- with potential-free contacts without auxiliary voltage
- for bonding on window pane
- pre-assembled, with cable
- opens the contact in case of glass breakage

SUITABLE FOR	ORDER NO.	PAGE
ALARM SYSTEM		page 898
<b>optional</b>		
KNX ALARM SYSTEM		page 898
Universal interfaces		page 899

Caution!  
Use only the following adhesive sets.  
Loctite, hotline tel. +49 (0)89/92681121

29691 Glass-metal adhesive set  
consisting of:  
319 adhesive and  
7649 activator

**i 951**

IP67



DESIGN	ORDER NO.	PU
polar white glossy	<b>9253 02</b>	1
brown glossy	<b>9253 01</b>	1

**Motion detector**



**Motion detector 90° surface-mounted**

Operating voltage	12 V=
Recommended installation height	≈ 2.3 m
Range	≈ 15 m
Detection angle	90 °
Dimensions (W x H x D)	60 x 112 x 42 mm

- with failsafe break contact (NC contact)
- with LED detection indicator
- with sabotage protection by contact in cover
- with crawl-under protection
- with cable entry at top, backside and each side
- for wall and corner mounting
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
ALARM SYSTEM		page 898
<b>optional</b>		
KNX ALARM SYSTEM		page 898
Universal interfaces		page 899

**i 950**



DESIGN	ORDER NO.	PU
polar white glossy	<b>9155</b>	1

**ALARM UNITS**

**Sirens**



**External siren with flashlight**

Operating voltage	12 V=
Current consumption	max. 600 mA
Current consumption, flashing light	300 mA
Current consumption, siren	300 mA
Lightning energy	6.7 Ws
Alarm duration, flashing light	until deactivated
Alarm duration, siren (until deactivated)	max. 3 min
Acoustic pressure at a distance of 1 m	108 dB
Conductor cross-section	max. 2.5 mm <sup>2</sup>
Operating temperature	-20 ... +50 °C
Dimensions (W x H x D)	180 x 390 x 140 mm

- for connection to alarm central unit and KNX alarm central unit
- with sabotage protection by contact in cover and arcing contact
- powder-coated stainless steel housing
- with loud pressure-chamber siren
- with fitting material
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
ALARM SYSTEM		page 898
KNX ALARM SYSTEM		page 898

**i 951**



DESIGN	ORDER NO.	PU
polar white matt	<b>9051 50</b>	1



**Indoor siren**

Operating voltage	9 ... 14 V=
Rated current at 12 V=	140 mA
Acoustic pressure at a distance of 1 m	110 dB
Settable signal frequency	2800 ... 3100 Hz
Switch-on time (ED)	100 %
Operating temperature	-20 ... +60 °C
Dimensions (W x H x D)	145 x 95 x 30 mm

- for connection to alarm central unit and KNX alarm central unit
- with sabotage protection by contact in cover
- with loud piezo signal generator, dual tone
- with fitting material
- with break-out cable entry at top/bottom and backside
- with screw terminals

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
ALARM SYSTEM		page 898
KNX ALARM SYSTEM		page 898

**IP30**

The indoor siren serves firstly to alarm the residents, for example when there is a smoke alarm. Secondly, the loud acoustic signal scares away criminals.  
The indoor siren can be operated together with the external siren on the alarm central unit.



DESIGN	ORDER NO.	PU
polar white	<b>9050</b>	1



Central plates for external signalling and command units



**Central plate with installation opening Ø 22.5 mm**

Screw spacing 36 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

- with supporting plate
- without spreader claws
- with cut-out dia. 22.5 mm
- labelling field latchable

**MANUFACTURER: PRODUCT LINE**

**Signalling and command units**

Kraus-Naimer

Lumitas

Schlegel

**Overvoltage protection devices**

Dehn

OBO-Bettermann

**ART. NO.**

DESIGN

ORDER NO.

PU

**Berker S.1/B.3/B.7, Modul 2, Q.1/Q.3, K.1/K.5 - Stainless Steel, Arsys**

white glossy	1432 02	10
polar white glossy	1432 09	10
polar white matt/velvety	1432 19 09	10
yellow glossy	1432 07	10
aluminium matt, lacquered	1432 14 04	10
anthracite matt	1432 16 06	10
stainless steel matt, lacquered	1432 04	10

**Berker K.5 - Aluminium**

aluminium matt, lacquered	* 1432 70 03	10
---------------------------	--------------	----

**Berker R.1/R.3**

polar white glossy	* 1432 20 89	10
black glossy	* 1432 20 45	10
yellow glossy	* 1432 20 06	10



ACTIVATING DEVICES

Key switches

- Direct connection to alarm central unit
- Connection to KNX alarm central unit via universal interface



**Key switch flush-mounted**

Operating voltage 12 V=  
 Current consumption per LED max. 5 mA  
 Buzzer current consumption 6 mA  
 Switching current 500 mA  
 Acoustic pressure of buzzer at a distance of 30 cm 70 dB (A)  
 Operating temperature -20 ... +60 °C  
 Dimensions, flush-mounted housing (W x H x D) 79 x 113 x 53.5 mm  
 Front plate dimensions (W x H) 101 x 135 mm

- to connect to alarm central unit
- with 2 LEDs for free activation, orange and green
- with protection against drilling and ceiling contact to prevent sabotage
- powder-coated aluminium front plate
- with acknowledgement buzzer
- with two-hole screws as dismantling protection and screwdriver
- with screw terminals

IP54

Recommendation: use identical closing to that of the master key system.

**SUITABLE FOR**

ALARM SYSTEM

Lock cylinder

**optional**

KNX ALARM SYSTEM

Universal interfaces

**ORDER NO.**

**PAGE**

page 898

page 903

page 898

page 899

**i 951**



DESIGN

ORDER NO.

PU

polar white glossy

9103 01

1



**Key switch surface-mounted**

Operating voltage	12 V=
Current consumption per LED	max. 5 mA
Buzzer current consumption	6 mA
Switching current at 60 V=	max. 500 mA
Acoustic pressure of buzzer at a distance of 30 cm	70 dB (A)
Operating temperature	-20 ... +60 °C
Dimensions (W x H x D)	79.5 x 113.5 x 54 mm

- to connect to alarm central unit
- with 2 LEDs for free activation, orange and green
- with protection against drilling and ceiling contact to prevent sabotage
- powder-coated aluminium front plate
- with acknowledgement buzzer
- with two-hole screws as dismantling protection and screwdriver
- with screw terminals

Recommendation: use identical closing to that of the master key system.

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
ALARM SYSTEM		page 898
Lock cylinder		page 903
<b>optional</b>		
KNX ALARM SYSTEM		page 898
Universal interfaces		page 899

**i 951**



DESIGN	ORDER NO.	PU
polar white glossy	<b>9103 12</b>	1



**Lock cylinder**

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.  
With 5 tumblers to according to DIN 18252

- for change-over switches/push-buttons for lock cylinders

DESIGN	ORDER NO.	PU
<b>with differing closures</b>		
Lock cylinder	<b>1818</b>	1
<b>with same closures</b>		
Lock cylinder	<b>1818 01</b>	1

**Compulsory activating device**



**Electromechanical blocking element**

Operating voltage	7 ... 15 V=
Current consumption (idle)	≈ 40 mA
Current consumption (closing)	≈ 60 mA
Current consumption (blocking)	≈ 120 mA
Feedback outputs for bolt position	50 mA
Opening time	0,5 s
Lock bolt distance	12 mm
Line length	≈ 3 m
Operating temperature	-25 ... +60 °C
Distance to counterpart	max. 8 mm
Dimensions housing (W x H x D)	20 x 134 x 28 mm
Dimensions Stulp (W x H x D)	20 x 175 x 2 mm

- for activation with static or dynamic signals
- with integral magnet contact
- to build into the door frame

In conjunction with the bolt switching contact, prevents access to an area that has been armed.

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
KNX ALARM SYSTEM		page 898
Switch actuator 6gang RMD	7531 60 02	876



DESIGN	ORDER NO.	PU
Electromechanical blocking element	<b>9108</b>	1



**Bolt switch contact**

Switching voltage	max. 30 V=
Switching current	max. 100 mA
Line length	≈ 2 m
Dimensions (W x H x D)	11 x 40 x 22 mm

- with switch lever extension
- is operated by lock bolt
- to build into the lock plate on the door frame

<b>SUITABLE FOR</b>	<b>ORDER NO.</b>	<b>PAGE</b>
KNX ALARM SYSTEM		page 898
Universal interfaces		page 899



DESIGN	ORDER NO.	PU
Bolt switch contact	<b>9107</b>	1



**SUPPLEMENTARY PRODUCTS**

**Distribution terminals**



**Distribution terminal flush-mounted**

Rated voltage

12 V=

- with sabotage protection by contact in cover
- with cover
- with 8pole through-contacted circuit board
- without spreader claws
- suitable for standard, commercially-available flush-mounted and hollow-wall boxes
- with screw terminals



DESIGN  
polar white matt

ORDER NO. PU  
**9254** 1



**Distribution terminal surface-mounted**

Rated voltage

12 V=

Dimensions (W x H x D)

36 x 132 x 34 mm

- with sabotage protection by contact in cover
- with 8pole through-contacted circuit board
- with fitting material
- with solder connection



DESIGN  
polar white matt

ORDER NO. PU  
**9259** 1

**SMOKE DETECTORS**



**Smoke detector VdS Q, 6 V longlife**

Operating voltage

6 V=

Monitoring area

max. 50 m<sup>2</sup>

Acoustic pressure at a distance of 3 m

85 dB (A)

Recommended installation height

≈ 2.5 m

Battery service life [years]

≈ 10

Operating temperature

+0 ... +55 °C

Dimensions (Ø x assembling height)

127 x 49 mm

- Certificates certified with Q-Label
- with red alarm and operation LED
- with optional dismantling protection
- contamination and fault display
- works on stray light principle (Tyndall effect) with no radioactive compounds
- loud warning tone in case of alarm
- with integrated lithium block battery 6 V (non-exchangeable)
- automatic self-test function
- with button for manual function test
- with button for manual deactivation for 12 minutes
- not dependent on mains power
- screw fastening to size 60 and 85 wall box possible
- for wall and ceiling mounting

The smoke detector has been designed as a domestic smoke detector, for use in self-contained living areas such as flats and detached houses.

It is used for early detection of smouldering fires and open fires producing smoke in interiors.

Approval according to DIN EN 14604

DESIGN  
polar white matt

ORDER NO. PU  
**191 59** 1



**Smoke detector VdS, 9 V**

Operating voltage

9 V=

Monitoring area

max. 50 m<sup>2</sup>

Acoustic pressure at a distance of 3 m

85 dB (A)

Recommended installation height

≈ 2.5 m

Battery service life [years]

≈ 5

Operating temperature

+0 ... +55 °C

Dimensions (Ø x assembling height)

127 x 49 mm

- Certificates VdS-certified
- with red alarm and operation LED
- with optional dismantling protection
- contamination and fault display
- works on stray light principle (Tyndall effect) with no radioactive compounds
- loud warning tone in case of alarm
- with alkaline block battery 9 V, type: 6LR61
- with visual and audible battery change message, min. 30 days
- automatic self-test function
- with button for manual function test
- with button for manual deactivation for 12 minutes
- not dependent on mains power
- screw fastening to size 60 and 85 wall box possible
- for wall and ceiling mounting

The smoke detector has been designed as a domestic smoke detector, for use in self-contained living areas such as flats and detached houses.

It is used for early detection of smouldering fires and open fires producing smoke in interiors.

Smoke detector fastening onto bottom section only possible with inserted battery.

Approval according to DIN EN 14604

DESIGN  
polar white matt

ORDER NO. PU  
**191 49** 1



Sets



**Smoke detector set Vds Q, 6 V longlife**

- certified with Q-Label
- set consists of 3 smoke detectors VdS Q, 6 V longlife (order no. 191 59)

DESIGN  
polar white matt

ORDER NO. PU  
**192 59** 1














































**Smoke detector set Vds, 9 V**

- VdS-certified
- set consists of 3 smoke detectors VdS, 9 V (order no. 191 49)

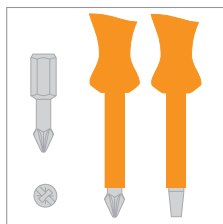
DESIGN  
polar white matt

ORDER NO. PU  
**192 49** 1



Test marks and administrative marks	RAL	Application designations/symbols
 VDE test mark, all items in the Berker range, for which this test mark is possible, bear this mark.	<b>RAL</b> Determination of colour gradations of Deutsches Institut für Gütesicherung und Kennzeichnung e.V. (German Institute for Quality Assurance and Certification)	 Incandescent lamp  Fluorescent lamp
 Netherlands	<b>EDV</b> Electronic data processing, designated for special circuits by red centre plate.	 LV halogen lamp  HV halogen lamp
 Austria	<b>Trademarks/brands</b>	 Electronic transformer
 Norway	 Registered trademark of SCHUKO-Warenzeichenverband (SCHUKO trademark association) designates socket outlets according to DIN VDE 0620-1 and DIN 49440. Terminals are also suitable as connection terminals.	 Conventional transformer
 France	 Registered trademark of Warenzeichenverband EDELSTAHL ROSTFREI (stainless steel trademark association).	 Hollow-wall box
 Denmark	 Registered trademark of the KNX Association cvba, Brussels.	 Information designations with page reference for special technical information.
 Italy	 Registered trademark of PERILEX-Gemeinschaft e.V.	 Designation for -25 °C to 40 °C temperaturerange.
 Sweden	<b>Protection classes/types</b>	<b>AX</b> X = fluorescent lamp rated current
 Canada	 VDE radio suppression seal	 see p. i
 Belgium	 Protection Class 2 insulation	 Flush-mounted controller, installation height 1.1 m
 USA	<b>IP</b> (international protection) Designated according to DIN 40050, IEC 60529, the protection type of a device to prevent ingress of foreign objects and moisture.	 Flush-mounted controller, installation height 2.2 m
 Poland	 <b>IP44</b> Protection against contact between energised parts and wires or similar larger than 1 mm diameter and splashing water from all directions. (contact-protected from 1 mm, splash-protected)	 Flush-mounted controller, installation height 2.5 m
 Finland	<b>IP55</b> Protection against harmful dust deposits and against water jets from a nozzle directed towards the housing from all directions. (protected from dust and water jets).	 Relay with microcontact Opening diameter
 Switzerland ENEC stands for European Norms Electrical Certification. The number following the mark indicates the certifying body. For instance, VDE: 10	<b>IP66</b> Protection against dust deposits and strong water jets from all directions. (dustproof, waterproof).	 Semiconductor circuit element
 Verification of increased voltage resistance capability for connecting devices to DIN 49400 and 49441, installation equipment made of shock-proof impact material for greater mechanical stress conditioning.	 Protection Class III	 Earthing
<b>SV</b> Safety power supply (diesel unit VDE 0107: 1994-10), designated by green centre plate	 Explosion protection, zone 11	<b>Material characteristics</b>
<b>ZSV</b> Additional safety power supply (battery supported VDE 0170: 1994-10), designated by orange centre plate	 IP44-compatible, protection type IP44 can be achieved only by using the proper sealing set.	Berker products do not contain any materials made of PVC or halogen, with the exception of the sealing membrane and the wall boxes of the built-in system.
 Furniture construction/installation Devices can be mounted on surfaces with unknown flammability properties.	 Flame-resistant according to VDE 0606 T1: 1984-11, meets the requirements of VdS (Association of Property Insurers) for mounting on wood.	The technical specifications given here are not binding. The operating manual supplied with the products must be observed in all cases.
<b>CE</b> All items in this catalogue falling under CE regulations bear the CE marking on the packaging label and on the product itself.		Illustrations, particularly with regard to colour, size, configuration, performance characteristics of the products as well as circuit/connection diagrams, are not binding. We reserve the right to make technical and formal changes to our products in the interest of technical progress.

SWITCHES/PUSH-BUTTONS/SOCKET OUTLETS	i908-i911
TIMERS	i912
DIMMERS	i913-i916
BLC/PRESENCE DETECTORS	i917-i927
CONTROLLERS/BERKER CONTROL	i928-i935
1-10 V TECHNOLOGY	i935
TRONIC TRANSFORMERS, DALI AND EVGS	i936-i938
EQUIPMENT VALUES	i939
OVERVOLTAGE PROTECTION	i940
THERMOSTATS	i941-i942
ROLLOTEC	i943-i949
ALARM CENTRAL UNITS	i950-i951
KNX RADIO	i952-i953
RADIO BUS	i954-i966
SCHUKO SOCKET OUTLET WITH RESIDUAL CURRENT CIRCUIT-BREAKER	i967
ANTENNA TECHNOLOGY	i968-i969
DATA/TELECOMMUNICATIONS	i970-i971
AUDIO/VIDEO TECHNOLOGY	i972-i973
SCALE DRAWINGS	i954-i982
SWITCHING SYMBOLS	i983-i986
CONDITIONS OF SALE, DELIVERY AND PAYMENT	987
PRODUCT OVERVIEW	988-1006



Tool sizes for BERKER products with combination cross-head slotted screws as fixings:

- Cross-head bits, Type: Pozidriv@size 1.
- Cross-head screwdriver: Type: Pozidriv@size 1.
- Slotted screwdriver: Type: blade thickness 0.8 mm.

Contact screws:

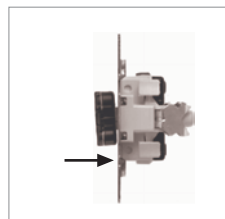
- Cross-head bits, Type: Pozidriv@size 2.
- Cross-head screwdriver: Type: Pozidriv@size 2.
- Slotted screwdriver: Type: blade thickness 1 mm.

When using cordless screwdrivers, setting 1st gear, speed 1 at 0.5 Nm.

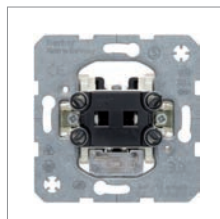
**Illuminated rocker switches**



Detachable **contact lug**. (for application see wiring diagrams).



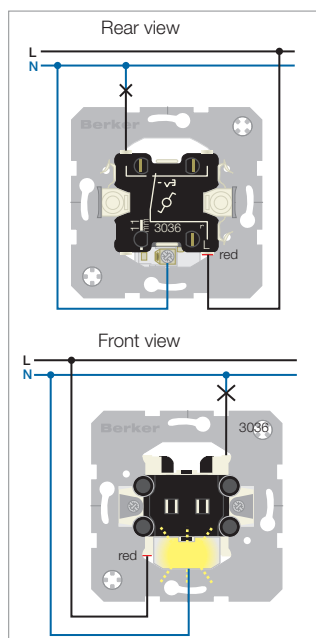
Insert here. Same neon lamp unit for illuminated switches and monitoring switches.



The neon lamp unit can be inserted from the front and replaced without removing the switch.

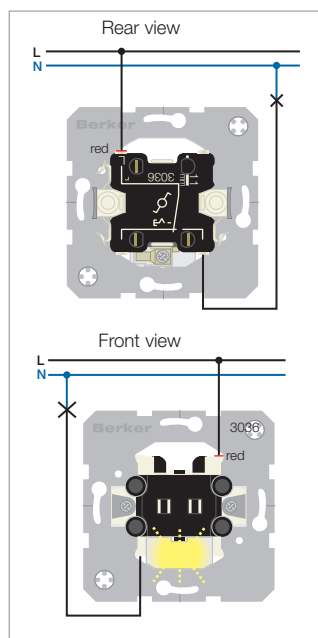


S.1/B.1/B.3/B.7 rocker with red lens for illuminated switches or monitoring switches.

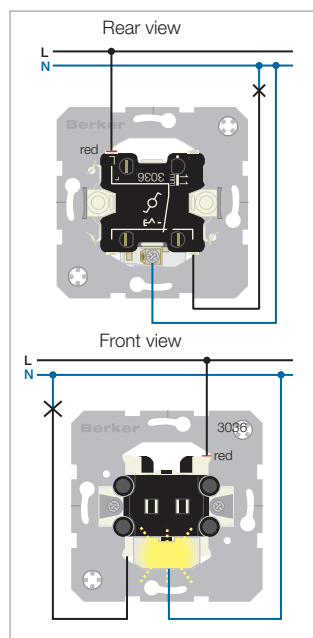


**Switch-off Permanently lit** with change-over switch (Neon lamp unit permanently lit)

⚠ Remove detachable contact lug from neon lamp unit



**Switch-off Illuminated** with change-over switch (Neon lamp unit lit when "Off")



**Switch-off Monitoring** with change-over switch (Neon lamp unit lit when "On")

⚠ Remove detachable contact lug from neon lamp unit

Neon and glow lamp units are available for light switches/push-buttons of programmes S.1/B.1/B.3/B.7, Modul 2, Q.1, Q.3, R.1, R.3, Arsys, K.1, K.5, splash-protected flush-mounted IP44, Aquatec and ISO Panzer. Illuminated light switches not only offer effective guidance. Used as monitoring switches, they indicate active consumers. Not least, they help conserve energy and maintain security.

Workplace Regulations  
The German Workplace Regulations ("ArbStattV") stipulate that existing installations must also be converted to illuminated light switches. With installation switches from the BERKER range there is no problem in this respect, as the neon lamp units are easily retrofitted and ensure the same illumination effect. In the case of splash-protected surface-mounted units the illumination cannot always be upgraded!

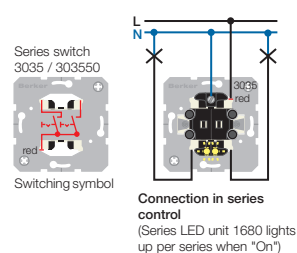
Monitoring and indicator lamps such as neon units and neon lamps wired in parallel with the switching contact lead to the contact opening distance not being reached.



**Control switching for series switches**

For series light switches in the ranges S.1/B.1/B.3/B.7, Modul 2, K.1, K.5 and Arsys, the series LED unit with N-terminal is available. Used as a control switch, it shows the loads switched on for each series. Some important uses of this are safety and monitoring energy consumption.

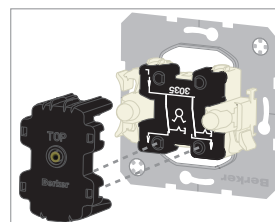
**Control series switch**



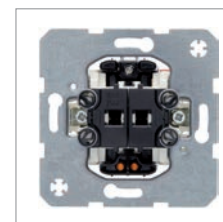
N-terminal



Contact springs for easy snap-in mounting.



Snap on series LED unit from the rear.



**Max. numbers of fluorescent lamps that can be switched.**

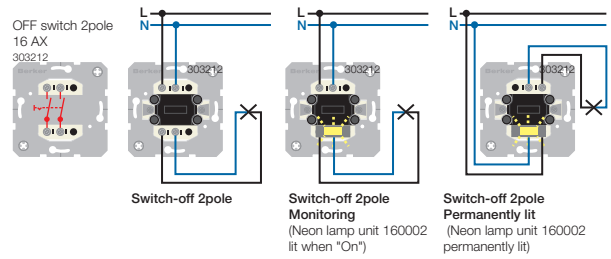
Switching capacity with 10 AX switches	40 W	65 W
Uncompensated $\cos \Phi \sim 0,5$	23	15
Compensated $\cos \Phi = 0,8$	29	18
Compensated $\cos \Phi \sim 1$	34	22
Duo circuit	38	28
Parallel compensation	8	5

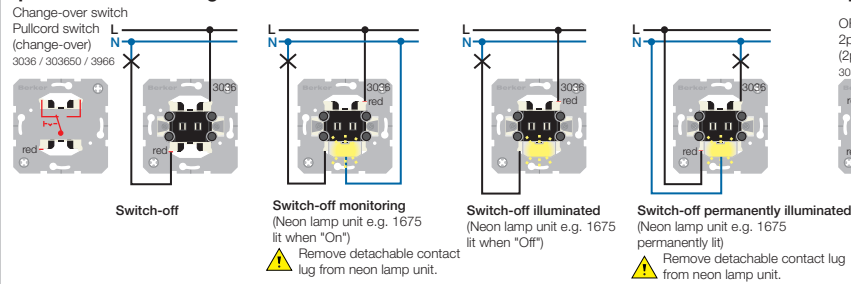
Switching capacity with 16 AX switches	40 W	65 W
Uncompensated $\cos \Phi \sim 0,5$	33	21
Compensated $\cos \Phi = 0,8$	46	28
Compensated $\cos \Phi \sim 1$	51	33
Duo circuit	57	42
Parallel compensation	12	7

**⚠** When connecting energy-saving bulbs and electronic ballasts (EVG), consider the high inrush currents. Check suitability of equipment prior to use. Fit in rush current limiters if necessary.

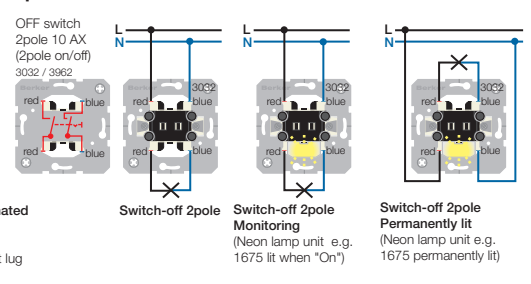
**2pole on/off 16 AX**



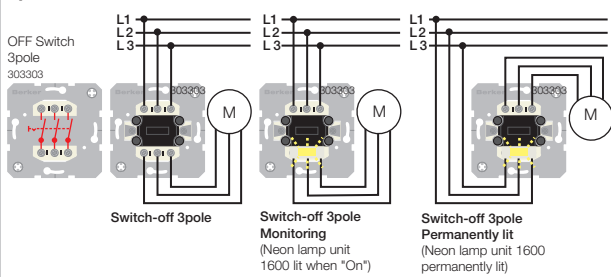
**1pole on/off with change-over switch**



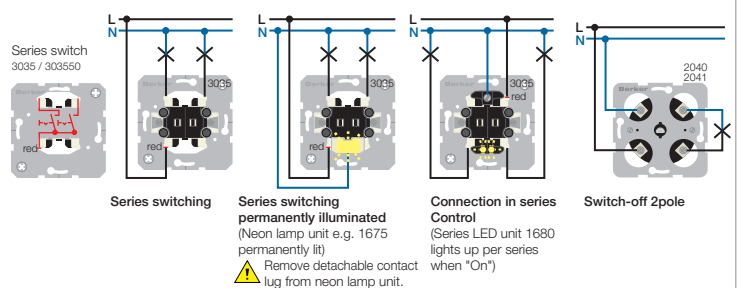
**2pole on/off 10 AX**



**3pole on/off**

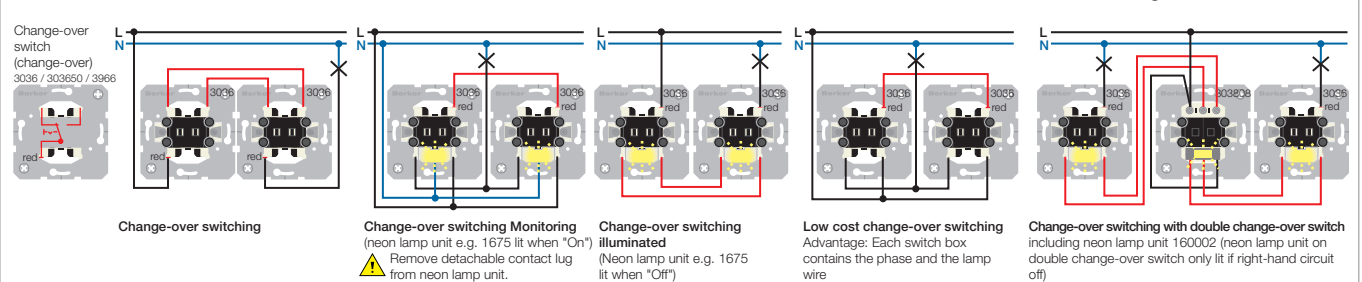


**Series switch**

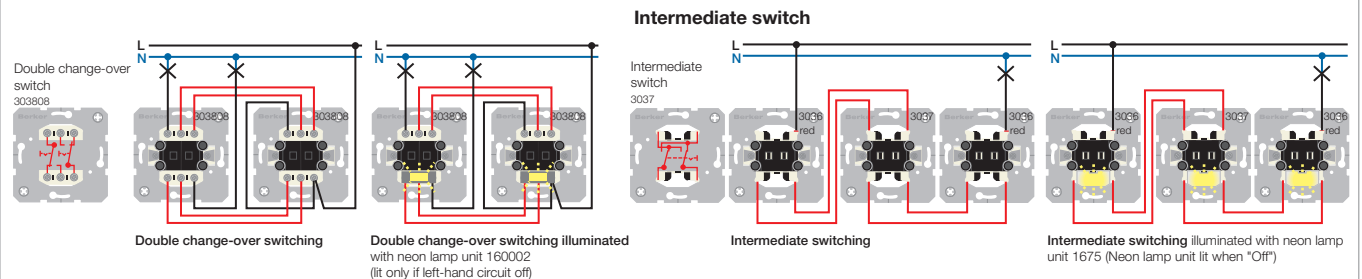


**Mechanical timer**

**Change-over switch**

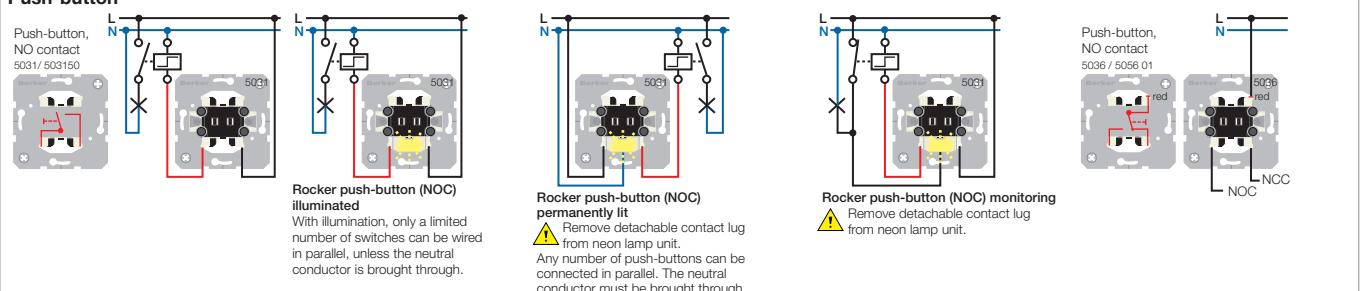


**Double change-over switch**

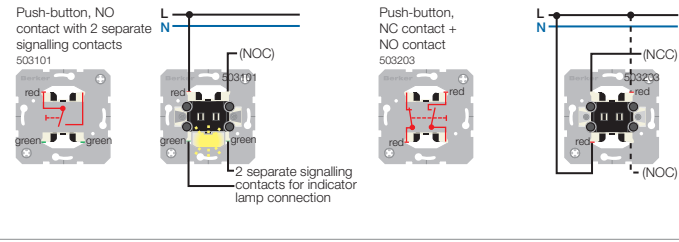


**Intermediate switch**

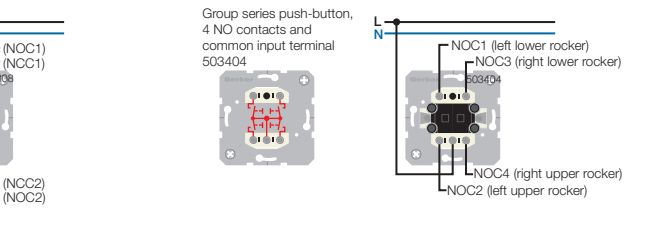
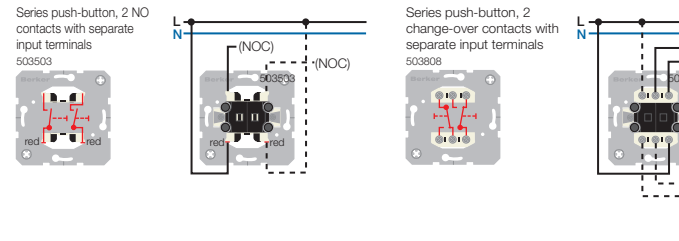
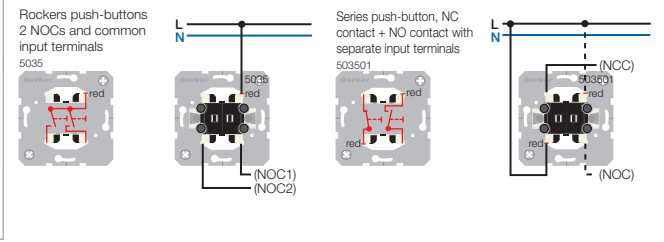
**Push-button**



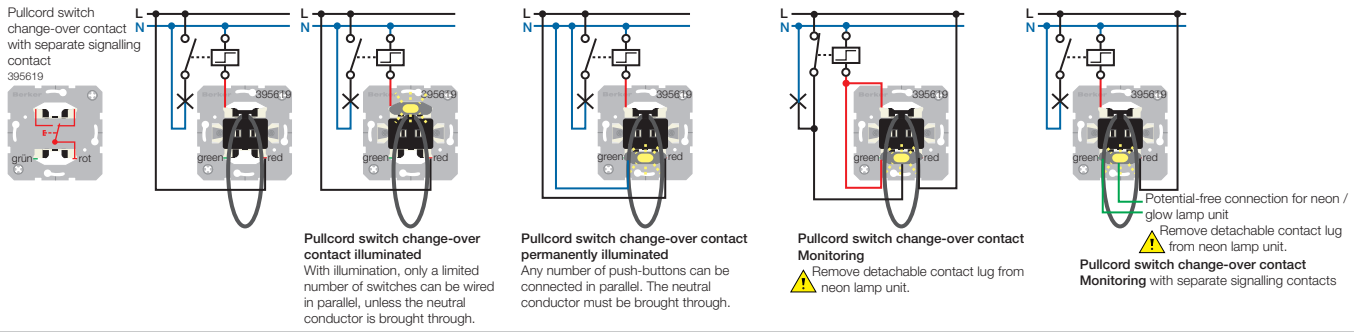
**Push-button**



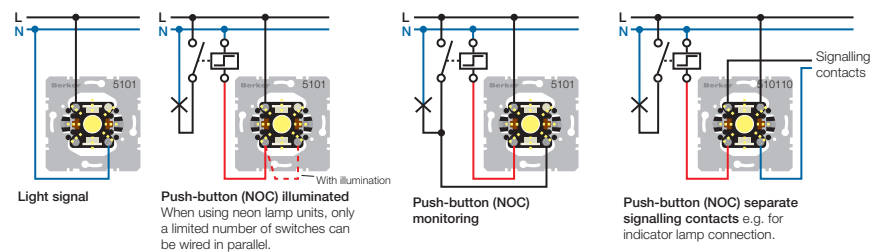
**Series switch**



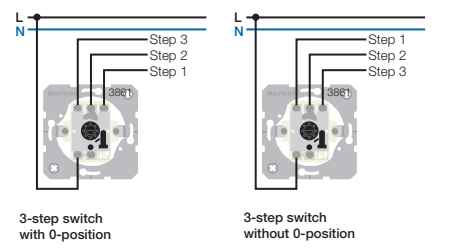
**Pullcord switch**



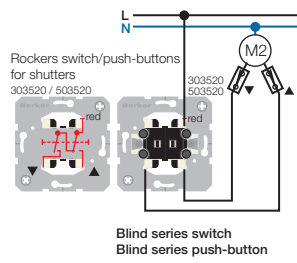
**Push-button/light signal E10**



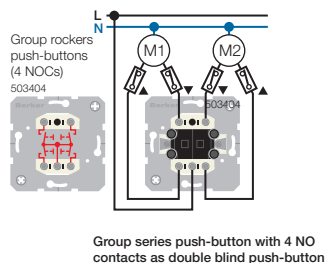
**3-step switch**



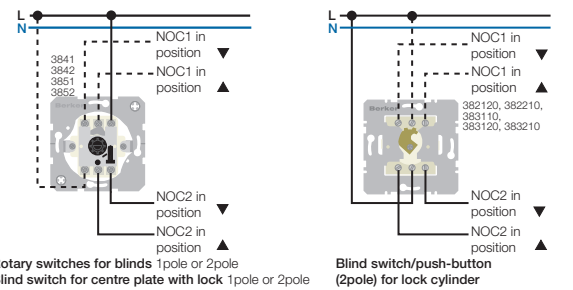
**Blind series switch/push-button**



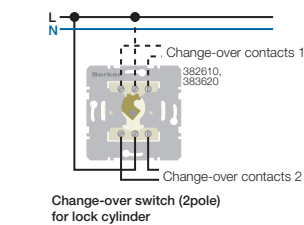
**Group series push-button as shutter blind push-buttons**



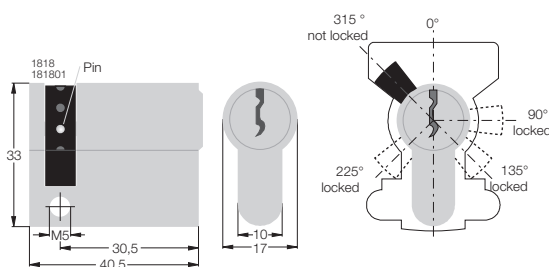
**Blind switch for centre plate with lock/ push-button for lock cylinder**



**Change-over switch (2pole) for lock cylinder**



**Profile half cylinder**

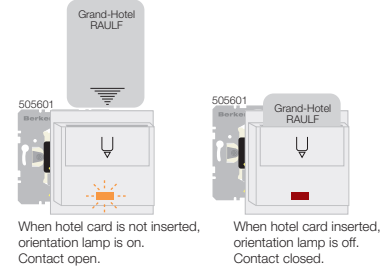
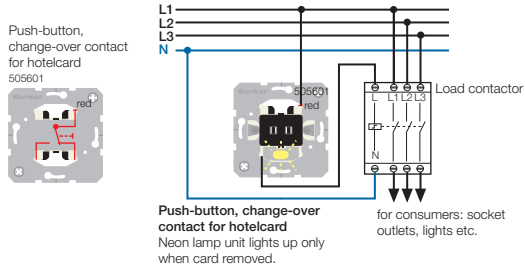


The NOC for the profile half cylinder can be adjusted by pressing in the pin on the side in 45° steps. At key bit position 315° the key bit is guided in the engaging fork of the switch. The cover is not locked and the key can only be removed in the zero position (unswitched).

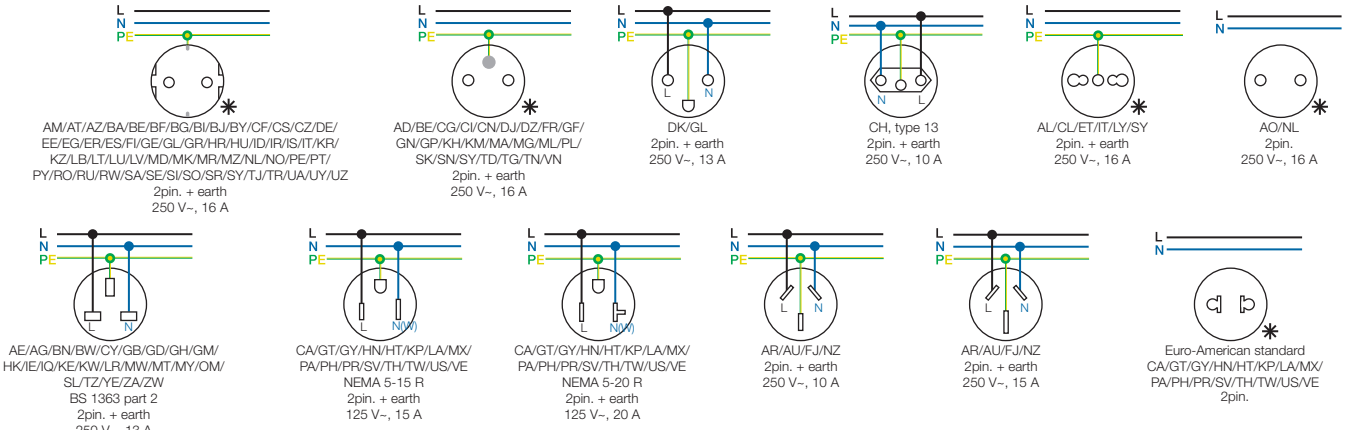
At locking steps 90°, 135° and 225° the key bit is introduced adjacent to the engaging fork of the switch. After actuation, the key is turned back to the starting position and so can be withdrawn with the switches in any switch setting. The cover is then locked and the switch cannot be dismantled without inserting the key.

**Hotel card switches**

The hotel card switch provides efficient energy use and a means of storing the hotel card in hotels or other locations, such as at the workplace. When the hotel card is withdrawn, power is cut to all the electrical consumers which are still in operation but no longer required, such as the lights (possibly with a delayed-off relay) and wall socket circuits (e.g. for TV etc.). For this, a load contactor is activated via the hotel card switch. When the hotel card is inserted, the contact is closed and the in-series load contactor switches the connected electrical consumers on. Additionally, a check-back can be sent to reception and the room temperature can be lowered, for example. The illumination of the hotel card switch ensures safe operation even in the dark. As a flush-mounted insert, the hotel card switch cover order no. 505601 is used with neon lamp unit order no. 1675. The neon lamp unit is lit when the hotel card is not inserted. 10 A push-button inserts for hotel card switch covers are available on request.



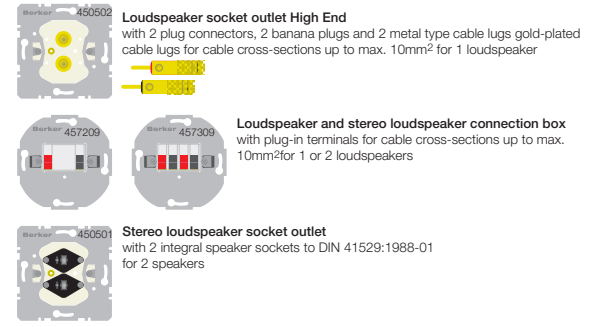
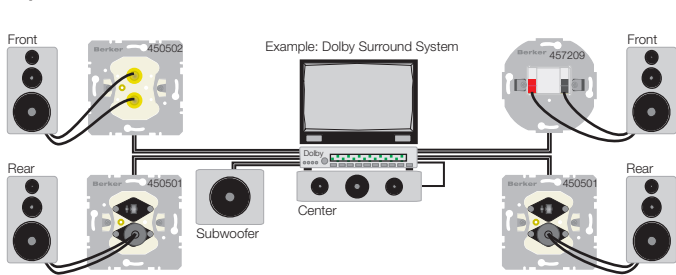
**International systems**



\* = Non-polarised system (no specification for connection of external and neutral conductor)

National abbreviations to ISO 3166: AD=Andorra; AE=United Arab Emirates; AG=Antigua; AL=Albania; AM=Armenia; AO=Angola; AR=Argentina; AT=Austria; AU=Australia; AZ=Azerbaijan; BA=Bosnia-Herzegovina; BE=Belgium; BF=Burkina Faso; BG=Bulgaria; BI=Burundi; BJ=Benin; BN=Brunei; BW=Botswana; BY=Byeloussia; CA=Canada; CF=Central African Republic; CG=Congo; CH=Switzerland; CI=Ivory Coast; CL=Chile; CM=Cameroon; CY=Cyprus; CS=Serbia and Montenegro; CZ=Czech Republic; DE=Germany; DJ=Djibouti; DK=Denmark; DZ=Algeria; EE=Estonia; EG=Egypt; ER=Eritrea; ES=Spain; ET=Ethiopia; FI=Finland; FJ=Fiji; FR=France; GB=Great Britain; GD=Grenada; GE=Georgia; GF=French Guyana; GH=Ghana; GL=Greenland; GM=Gambia; GN=Guinea; GP=Guadeloupe; GR=Greece; GT=Guatemala; GY=Guyana; HK=Hong Kong; HN=Honduras; HR=Croatia; HT=Haiti; HU=Hungary; ID=Indonesia; IE=Ireland; IQ=Iraq; IR=Iran; IS=Iceland; IT=Italy; KE=Kenya; KH=Cambodia; KM=Comoros; KP=North Korea; KR=South Korea; KW=Kuwait; KZ=Kazakhstan; LA=Laos; LB=Lebanon; LR=Liberia; LT=Lithuania; LU=Luxemburg; LV=Latvia; LY=Libya; MA=Morocco; MD=Moldavia; MG=Madagascar; MK=Macedonia; ML=Mali; MR=Mauritania; MT=Malta; MW=Malawi; MX=Mexico; MY=Malaysia; MZ=Mozambique; NL=Netherlands; NO=Norway; NZ=New Zealand; OM=Oman; PA=Panama; PE=Peru; PH=Philippines; PL=Poland; PR=Puerto Rico; PT=Portugal; PY=Paraguay; RO=Rumania; RU=Russia; RW=Rwanda; SA=Saudi Arabia; SE=Sweden; SI=Slovenia; SK=Slovakia; SL=Sierra Leone; SN=Senegal; SO=Somalia; SR=Surinam; SV=Salvador; SY=Syria; TD=Chad; TG=Togo; TH=Thailand; TJ=Tajikistan; TM=Turkmenistan; TN=Tunisia; TR=Turkey; TW=Taiwan; TZ=Tanzania; UA=Ukraine; US=USA; UY=Uruguay; UZ=Uzbekistan; VE=Venezuela; VN=Vietnam; YE=Yemen; ZA=Zambia; ZW=Zimbabwe

**Loudspeaker inserts**

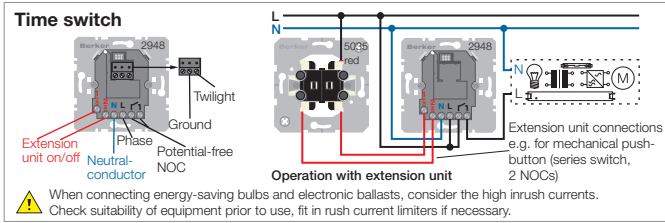


**Operating conditions for electronic switches, dimmers and speed controllers**

- Ambient temperatures up to 25 °C
- Installation in solid stone wall
- The rated load of the Tronic transformer is always taken as the basis, not only the connected bulbs.



- Differring conditions:
- minus 10 % per 5 °C above 25 °C
  - minus 15 % in wood or chipboard walls
  - minus 10 % external units in multiple combinations
  - minus 20 % internal units in multiple combinations



**Timer Comfort**

The timer permits programmed, timed switching of loads up to 1000 W/VA. It is also possible to switch the lighting depending on brightness using a twilight sensor. With the astronomical function adjustable by ±1 hour 59 minutes, the switch-on and switch-off times can be adjusted to the sunrise and sunset times for the specific location. With the timer function the lighting is switched on for a preset time between 1 minute and 23 hrs and 59 min. By way of the extension unit inputs, a series push-button with 2 NOC (normally open) contacts can be used to switch on or off manually. Manual operation has priority at all times.

**Astronomical function**

By activating the astro programme the switch-on times that occur within the period of daylight are not executed until sunset. Preset switch-on times after sunset are retained. Switch-off times which occur after sunrise are executed as soon as sunrise occurs. Preset switch-off times after sunrise are retained. The adjacent drawing shows the astronomical curve from week number 12 to week number 40, incorporating a +1 hour adjustment for summer time (user must switch between winter and summer time).

**Twilight function (only with mounting with sensor connection):**

The twilight function is activated approximately 90 minutes before sunset (see astronomical curve). Approximately 4 minutes after the brightness has fallen below the preset level, the lighting is switched on.

**Features:**

- Operation via 4-button control pad
- 2 independent programme memories for a total of 18 switching times (e.g. 9 switch-on and 9 switch-off times)
- Timer function (countdown function)
- Random function
- Astronomic function with individual adjustment facility ± 1 hour 59 minutes
- Adjustable twilight sensor
- Summer/winter time
- Operation of on/off extension unit inputs by rocker button with 2 NOCs. For intermediate and changeover switch circuits
- Reset to factory default possible
- Power reserve up to 24 hours (maintenance-free without batteries)
- Manual operation possible at any time

**Timer Easy**

The Timer Easy permits programmed, timed switching of loads up to 1000 W. By way of the extension unit inputs, a series switch with 2 NOC (normally open) contacts can be used to switch on or off manually. Manual operation has priority at all times.

**Programming Timer Easy**

- ☰ + [ ] > 20 sec. → Automatic summer / winter time changeover with [ ] → »AU:\_1« = Automatic ON with [ ] → »AU:\_0« = Automatic OFF
- [ ] + [ ] > 4 sec. → Quick saving of the switch-on time for switching times 1 + 3 and deleting switch-on time for switching times 2 + 4
- [ ] + [ ] > 4 sec. → Quick saving of the switch-off time for switching times 1 + 3 and deleting switching times 2 + 4

The push-button functions ☰ and [ ] are available in the menus:  
→ Confirm input.  
Changes are saved on leaving the sub-menu.

[ ] → Esc to abort editing.  
Changes are saved, the display reverts to normal mode.

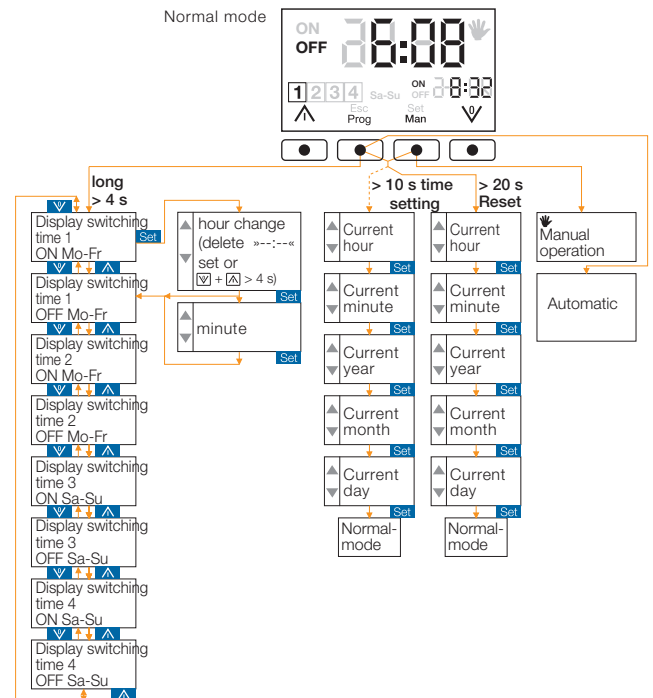
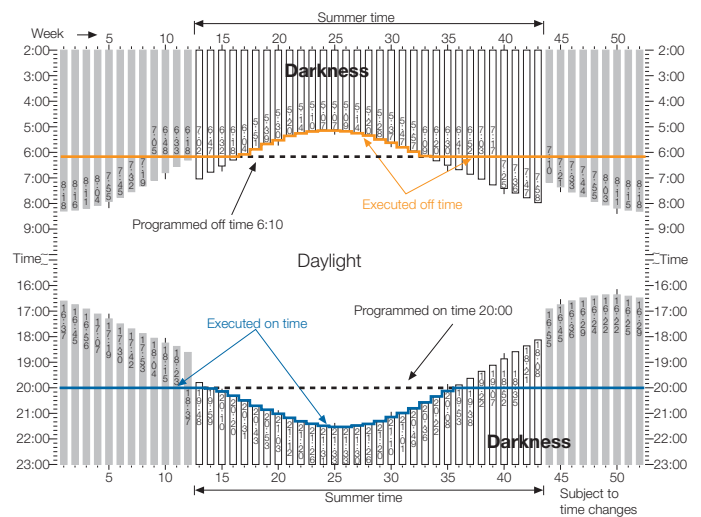
After 2 minutes without any push-button activity the time switch reverts to normal mode.

Technical data	Timer Easy Order-no.: 1735..
Operating voltage	using insert order no. 2948
Switching time interval	min. 1 minute
Reversing time	min. 500 ms
Switching times	2 blocks each for Mo-Fr and Sa-Su (ON/OFF)
Accuracy	±90 seconds per month
Power reserve	approx. 4 hrs. (no batteries required)
Radio interference suppression	to EN 55015
Operating temperature	5 to 35 °C
Index of protection	IP20

Technical data	Insert for timer Order-no.: 2948
Nominal voltage	230 V~, 50/60 Hz, N conductor required
Relay output	1 potential-free NOC, not suitable for isolating
Switching capacity	230 V Incandescent lamps and halogen lamps 1000 W (ohmic) Tronic transformers 750 W (capacitive) Conv. transformers (≥ 85% loading) incl. transformer power loss 500 VA (inductive) Fluorescent lamps uncompensated 500 VA, parallel compensated 400 VA (inductive) Duo circuit 1000 VA (inductive)
Power consumption	0.7 W
Security	via 16 A circuit breaker
Radio interference suppression	to EN 55015
Operating temperature	0 to 45 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Usable mountings	1735.., 1736.. or 1738..

Technical data	Timer Comfort Order-no.: 1736.. or 1738..
Operating voltage	using insert order no. 2948
Switching time interval	min. 1 minute
Reversing time	min. 500 ms
Switching times	max. 18 in 2 programme memories
Accuracy	± 1 minute per month
Power reserve	approx. 24 hrs. (no batteries required)
Setting range for twilight sensor (1738 only)	approx. 6 to 300 Lux
Timer function (countdown)	1 minute to 23 hrs. 59 min.
Random generator	± 15 minutes
Astro programme	adjustable by ± 1 hrs. 59 min.
Radio interference suppression	to EN 55015
Operating temperature	0 to 45 °C
Index of protection	IP20

**Astro curve for timer**

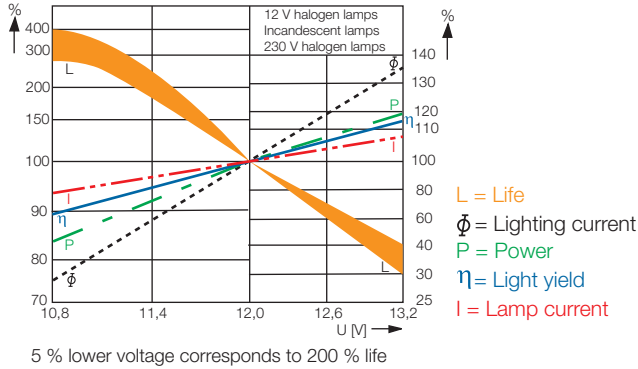




**Energy saving by dimming**

Controlling the brightness levels of lights not only provides a pleasant ambience, it also prolongs the lives of the bulbs. In the low-voltage halogen field in particular, the compact dimensions of the bulbs can provide special design benefits for lighting which are further enhanced by dimming. A further important aspect is energy saving, because in dimming mode much less power is drawn from the system and the lives of the bulbs are also greatly prolonged (see diagram). This can save a great deal of money.

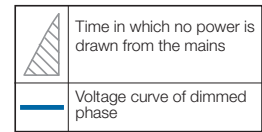
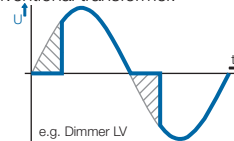
**Bulb life depending on voltage**



**Universal dimmers** teach themselves the load type during commissioning and automatically set the correct dimming principle.

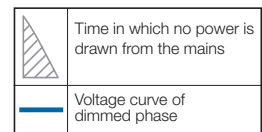
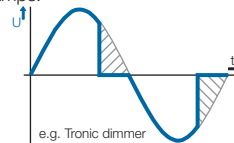
A distinction is made between two **dimming principles**:

- **Phase cut-on** dimmer for brightness control of: Incandescent lamps, 230 V halogen lamps and 12 V halogen lamps with conventional transformer.



At the beginning of each half-wave the dimmer blocks the current flow to the lamp, it is non-conducting. Only at the end of the time set by the user does the dimmer cut in again, and current is re-applied to the connected lamps. At the next sine zero, the dimmer again blocks the current flow. This process is repeated with each sine half-wave - that is, 100 times per second (50 Hz). During the time in which the dimmer blocks the current, no power is drawn from the mains or metered.

- **Phase cut-off** dimmer for brightness control of: Low-voltage halogen lamps with Tronic transformers, incandescent and halogen lamps.



The Tronic dimmer is activated when the sine half-wave passes through zero and deactivated again after the time set by the operator. At the next sine wave zero the Tronic dimmer releases the current flow again. This process is repeated with each sine half-wave - that is, 100 times per second (50 Hz). In the time during which the Tronic dimmer blocks the current, no power is drawn from the system, and none is metered.

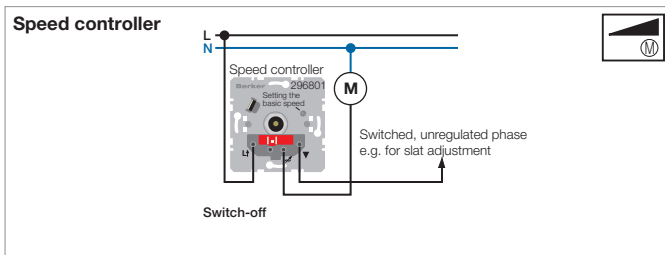
**Dimmer selection table**

Dimmer type:	Standard phase cut-on dimmers	Low voltage phase cut-on dimmers	Phase cut-off dimmers	Universal dimmer	Speed controllers
Standard Incandescent lamps	R matches > OK, combination can be used!	R matches > OK, combination can be used!	R matches > OK, combination can be used!	R matches > OK, combination can be used!	No match > combination unsuitable
230 V halogen and incandescent lamps	R matches > OK, combination can be used!	R matches > OK, combination can be used!	R matches > OK, combination can be used!	R matches > OK, combination can be used!	No match > combination unsuitable
12 V halogen lamps with conventional dimmable transformer	No match > combination unsuitable	L matches > OK, combination can be used!	No match > combination unsuitable	L matches > OK, combination can be used!	No match > combination unsuitable
12 V halogen lamps with electronic transformer with capacitive characteristics	No match > combination unsuitable	No match > combination unsuitable	C matches > OK, combination can be used!	C matches > OK, combination can be used!	No match > combination unsuitable
12 V halogen lamps with electronic transformer with inductive characteristics	No match > combination unsuitable	L matches > OK, combination can be used!	No match > combination unsuitable	L matches > OK, combination can be used!	No match > combination unsuitable
12 V halogen lamps with electronic transformer with inductive or capacitive characteristics	No match > combination unsuitable	L matches > OK, combination can be used!	C matches > OK, combination can be used!	L, C matches > OK, combination can be used!	No match > combination unsuitable
Motors	No match > combination unsuitable	No match > combination unsuitable	No match > combination unsuitable	No match > combination unsuitable	M matches > OK, combination can be used!

⊗ Identifiers for dimmers and electronic switches (with semiconductor switching element) to DIN EN 60669-1/A2 and VDE 0632 part 1/A2.

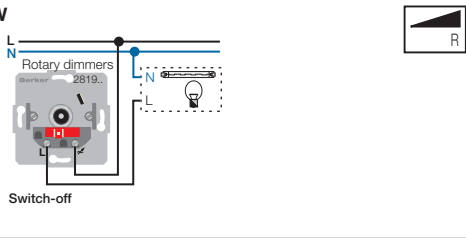
⊕ Identifiers for switchgear with relays with micro-contact opening width to DIN EN 60669-1/A2 and VDE 0632 part 1/A2.

⚠ When using third-party transformers in conjunction with Berker Tronic dimmers and universal dimmers, malfunctions may occur because the components are not optimally attuned to each other.



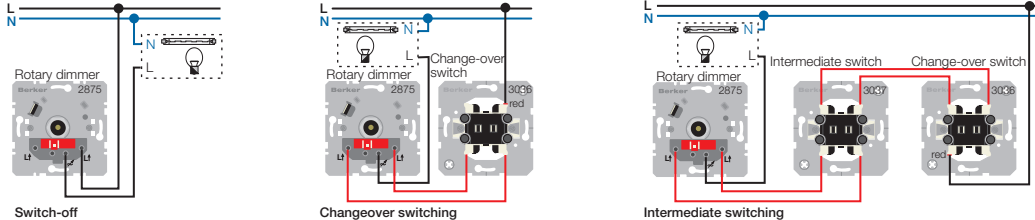
Technical data	Speed controller order no. 296801 (only 297010)
Motors	For 230/240 V~, 50/60 Hz single-phase motors such as induction, shaded pole or universal motors
Minimum load	0.1 A
Maximum load	2.7 A (2.3 A)
Motor and segment current	max. 2.7 A (max. 2.3 A)
Control principle	Phase cut-on
Noise	Low noise
Overheating protection	cut-out; auto. restart after cooling
Fine-wire fuse	T3, 15H250
Radio interference suppression	to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, Page T6)
Terminals	Plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

**Rotary dimmer 400 W**



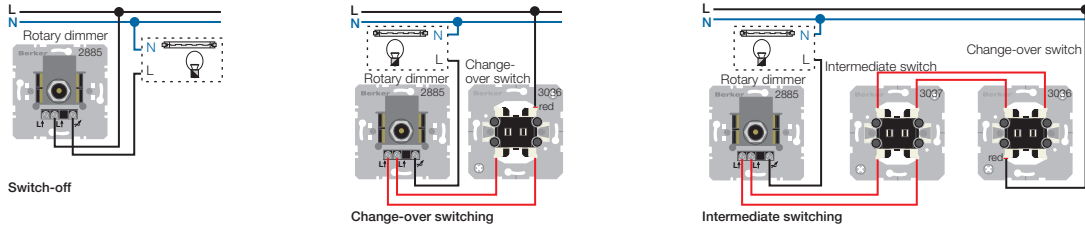
Technical data		Rotary dimmer 400 W, order no. 2819..	
Nominal voltage	230 V~	50 Hz	
Connected load	230 V Incandescent and halogen lamps 60-400 W Combinations of specified loads		
LV boosters built-in	max. 10		
Control principle	Phase cut-on		
Noise	Low noise		
Fine-wire fuse	T 1.6 H 250		
Radio interference suppression	according to EN 55015		
Operating temperature	5 to 25 °C (see operating conditions, Page T6)		
Terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>		

**Rotary dimmer 600 W**



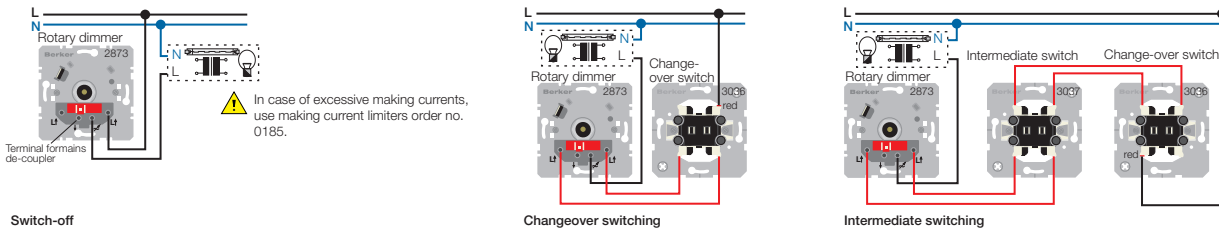
Technical data		Rotary dimmer 600 W Order no. 2875		(Rotary dimmer)		(Order no. 289505)	
Nominal voltage	230 V~	50 Hz		Noise	Low noise		
Connected load	230 V Incandescent and halogen lamps 60-600 W, (60-450 W) Combination of specified load types			Fine-wire fuse	T 2.5 H 250		
Power boosters built-in (R, L)	max. 10			Radio interference suppression	according to EN 55015		
Dimming principle	Phase cut-on			Operating temperature	5 to 25 °C (see operating conditions, Page T6)		
				Terminals	Plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>		

**Rotary dimmer 1000 W**



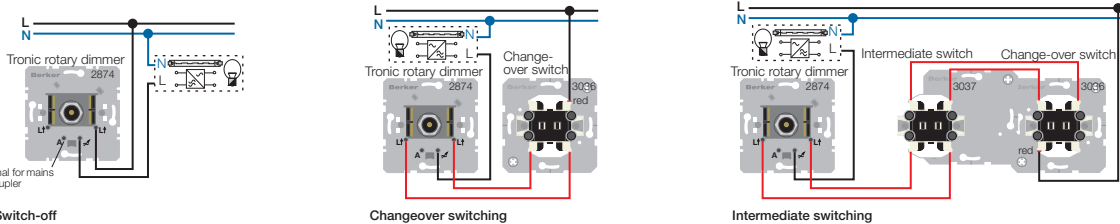
Technical data		Rotary dimmer 1000 W		Order no. 2885		
Nominal voltage	230/240 V~	50 Hz		Short-circuit-proof	Cut-out with auto. restart	
Connected load	230 V Incandescent and halogen lamps 100-1000 W Combinations of specified loads			Overload protected	Electronic protection (no change-over)	
Power boosters built-in (R, L)	max. 10			Radio interference suppression	By power reduction to EN 55015	
Dimming principle	Phase cut-off			Operating temperature	5 to 25 °C (see operating conditions, page T6)	
Noise	Very low noise			Terminals	Screw-type terminals 0.75 to 4 mm <sup>2</sup>	

**Rotary dimmer (R, L)**



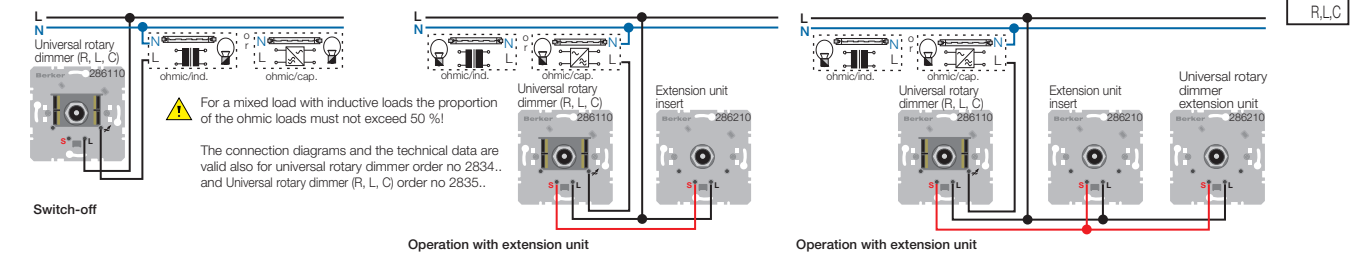
Technical data		Rotary dimmer		Order no. 2873		
Nominal voltage	230 V~	50 Hz		Switching current for base load mains de-coupler	max. 100 mA	
Connected load	230 V Incandescent and halogen lamps 20-500 W Conv. transformers subject to min. 85 % of rated load. 20-500 VA total power output including transformer power loss must not exceed 500 VA. Combination of specified load types max. 10			Dimming principle	Phase cut-on	
Power boosters built-in (R, L)	max. 10			Noise	Low noise	
				Fine-wire fuse	D 3.15 H 250	
				Radio interference suppression	to EN 55015	
				Operating temperature	5 to 25 °C (see operating conditions, page T6)	
				Terminals	Plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>	

**Tronic rotary dimmer (R, C)**



Technical data		Tronic rotary dimmer (R, C)		Order no. 2874		
Nominal voltage	230 V~	50 Hz		Switch-on	Bulb-preserving soft start-up	
Connected load	230 V Incandescent and halogen lamps 20-525 W Tronic transformers 20-525 W Combination of specified load types max. 10 à 500 W			Noise	Very low noise	
Universal booster RMD Plus	max. 10			Short-circuit-proof	Cut-out with auto. restart	
Tronic power boosters built-in	max. 10			Overload protected	By power reduction	
Switching current for base load mains de-coupler	max. 100 mA			Radio interference suppression	to EN 55015	
Dimming principle	Phase cut-off			Operating temperature	5 to 25 °C (see operating conditions, page T6)	
				Terminals	Plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>	

**Universal rotary dimmer with soft lock and extension unit input**



<b>Technical data</b>		<b>Universal rotary (R, L, C)</b>		<b>order no. 286110</b>	
Nominal voltage	230 V~, 50/60 Hz	Dimming principle	Phase cut-on or cut-off depending on load type		
Connected load	230 V Incandescent and halogen lamps 50-420 W (ohmic, phase cut-off) or conv. transformers subject to min. 85 % of rated load. Total power output 50-420 VA including transformer power loss must not exceed 420 VA (inductive, phase cut-on). Mixed load of specified load types, do not mix capacitive and inductive loads! for phase cut-off max. 10 items á 500 W for phase cut-on max. 5 items á 420 VA	Switch-on	Bulb-preserving soft start-up		
Universal booster RMD Plus	is checked	No. of extension units	Extension unit inserts max. 5		
Tronic or power boosters built-in (R, L) according to type of load	max. 10	Extension unit cable length	max. 100 m		
Power consumption	approx. 0.5 W	Noise	Very low noise		
		Short-circuit-proof	Cut-out with auto. restart, Electronic protection (no change-over)		
		Overload protected	by power reduction		
		Radio interference suppression	according to EN 55015		
		Operating temperature	5 to 25 °C (see operating conditions, page T6)		
		Connecting terminals	Plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>		

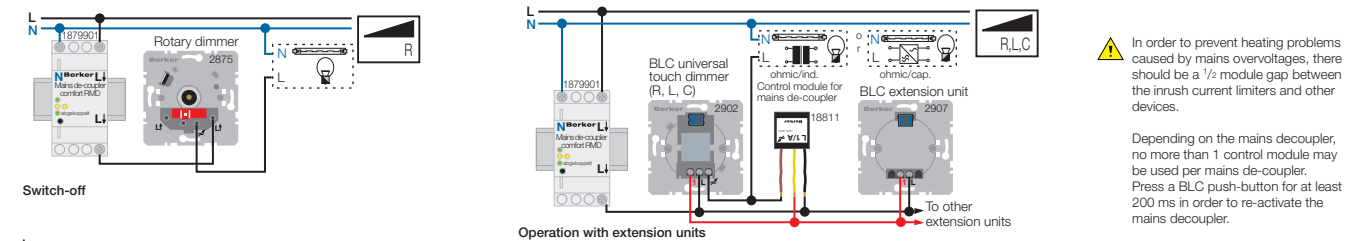
**Rotary dimmer/Tronic rotary dimmer (R, C) and BLC Universal touch dimmer (R, L, C) with mains decoupler comfort RMD**

Function: The mains de-couplers monitor the connected circuit and cut the mains power as soon as all consumers are switched off. The cut-off circuit is monitored with 230 V DC. This shuts off the electrical and electrical-magnetic alternating fields, as recommended by building biologists. When a consumer is switched on the mains voltage is restored.

Conv. transformers subject to min. 85 % of rated load. Total power output, including transformer power loss, must not exceed 420 VA.

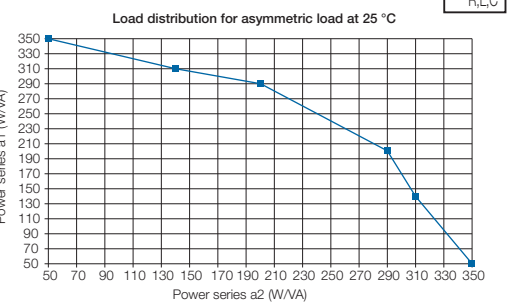
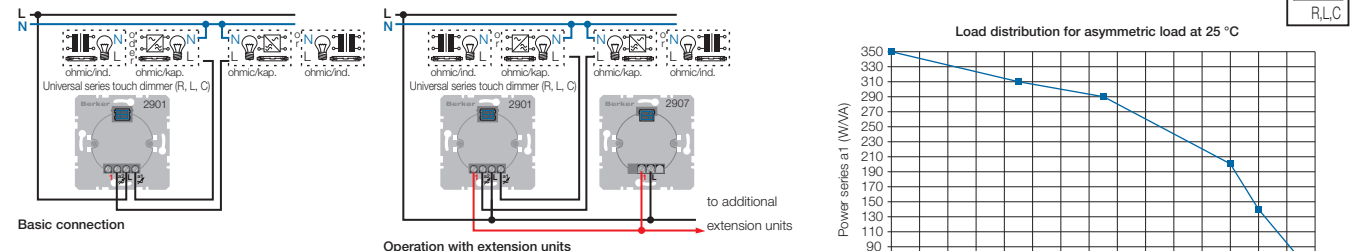
In order to prevent heating problems caused by mains overvoltages, there should be a 1/2 module gap between the inrush current limiters and other devices.

Depending on the mains decoupler, no more than 1 control module may be used per mains decoupler. Press a BLC push-button for at least 200 ms in order to re-activate the mains decoupler.



Can function with the following devices for example:	Order no.:	Control module for mains de-coupler required
Rotary dimmer 600 W	2875	-
Rotary dimmer (R, L)	2873	-
Tronic rotary dimmer (R, C)	2874	Yes
Universal rotary dimmer (R, L, C) extension unit input	2861... 2834..	No, but no extension units possible
BLC universal touch dimmer (R, L, C) only with BLC button	2902	Only if extension units are used
1-10 V Rotary potentiometer	289110	Max. extension set cable length: 20 m
1-10 V Push-button rotary potentiometer, NO contact	289610	-
Thermostat, NC contact, with centre plate	2030..	-
Thermostat, change over contact, with centre plate	2026..	-

**Universal series touch dimmer (R, L, C) for buotton for Universal series touch dimmer (R, L, C)**



For a mixed load only ohmic/inductive or ohmic/capacitive is allowed per series. For a mixed load with inductive loads the proportion of the ohmic loads must not exceed 50 %! Risk of destruction if load outputs series a1 and a2 are connected in parallel. Risk of destruction, the electronic overheating protection only functions when a load is connected to series a1. In all cases only the series on which the short-circuit occurred is switched off. Extension unit operation is only possible if a load is connected to series a1.

Operation:  
The button for universal series touch dimmer is subdivided into 3 areas.  
Left: Operation of series 1  
Right: Operation of series 2  
Centre: Operation of series 1 and 2  
Both series are always operated simultaneously via an extension unit.

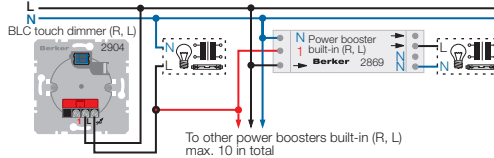
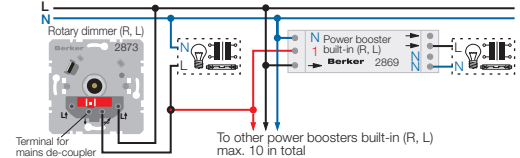
Operation in the switched-off state:  
Press briefly above (< 400 ms): 100 % brightness or if a brightness is saved the memory is called up.  
Long press below (> 400 ms): Dimming to minimum brightness (slumber function).

Operation in the switched-on state:  
Press briefly below (< 400 ms) light is off.  
Long press above/below (> 400 ms): Light is dimmed up/down.  
Long press over the entire surface (> 3 sec.): the current brightness is saved; the saving operation is indicated by a soft start.  
(Delivery configuration: 100 % switch-on brightnesses)

<b>Technical data</b>		<b>Universal series touch dimmer (R, L, C)</b>		<b>order no. 2901</b>	
Rated voltage	230 V~, 50/60 Hz	Switching on	Bulb-preserving soft startup		
Connected load per series	230 V incandescent and halogen lamps 50-260 W (ohmic, phase cut-off) or conv. transformers (loaded < 85 % incl. transformer power dissipation 50-260 VA (inductive, phase cut-on) Mixed loads possible, capacitive and inductive loads must not be mixed within a series, however!	Number of extension units	BLC extension unit unlimited		
Universal boosters RMD Plus	is checked	Extension unit cable length	max. 100 m		
Tronic or power boosters built-in (R, L) according to type of load	max. 10	Noise generation	very low noise		
Power consumption	approx. 0.7 W per series	Short-circuit proof	Switch-off with autom. restart electron. fuse (maintenance-free)		
Dimming principle	per series phase cut on or cut off depending upon type of load	Overtemperature protection	autom. switch-off		
		Radio interference suppression	according to EN 55015		
		Operating temperature	5 to 25 °C (observe operating conditions page T6)		
		Connecting terminals	Screw terminals for max. 4 mm <sup>2</sup> or 2 x 2.5 mm <sup>2</sup>		



**Power booster built-in (R, L)**



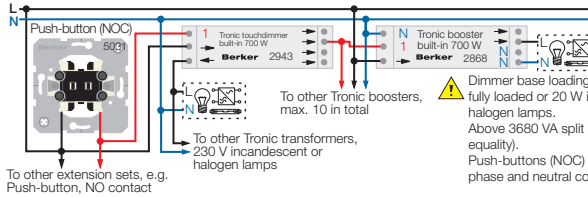
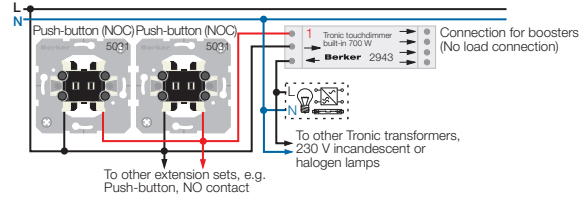
⚠ Above 3680 VA split phases. (ensure phase equality) Observe the operating conditions on Page T6.

⚠ In case of excessive making currents use making current limiters order no.: 185.

Technical data	
Rated voltage	230 V~, 50 Hz
Connected load	230 V incandescent and halogen lamps 50-600 W conv. transformers (loaded < 85 %) incl. transformer power dissipation 50-600 W VA Mixed load of the specified load types, do not mix capacitive and inductive loads!
Power boosters built-in (R, L)	max. 10 total
Dimming principle	phase cut-on
Switching on	bulb-preserving soft startup
Noise generation	very low noise

Power booster built-in (R, L) Order no. 2869	
Short-circuit proof	Switch-off with autom. restart within 7 sec. electron. fuse (maintenance-free)
Overtemperature protection	via autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C, -15 % power reduction per 5 °C over
Connecting terminals	Screw terminals 0.75-4 mm²
Minimum ceiling aperture for standard ceiling height of 78 mm	63 mm
Dimensions (W x H x D)	48.5 x 46 x 212 mm

**Tronic touch dimmer built-in (R, C) and Tronic power booster built-in**

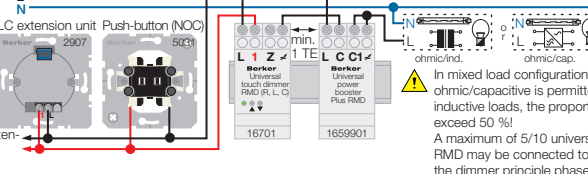
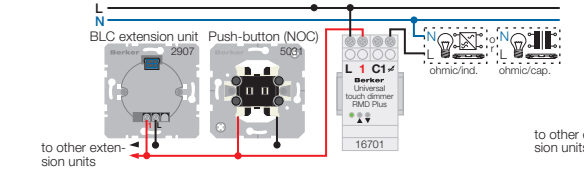


⚠ Dimmer base loading: min. 1 Tronic transformer fully loaded or 20 W incandescent/230 V halogen lamps. Above 3680 VA split phases (ensure phase equality). Push-buttons (NOC) can only be illuminated via phase and neutral conductor.

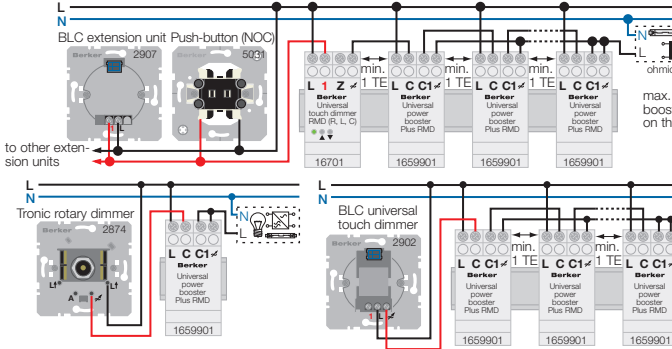
Technical data	
Rated voltage	230 V~, 50 Hz
Connected load	230 V incandescent and halogen lamps 50-700 W   Tronic transformers 50-700 W Mixed load of the specified load types, do not mix capacitive and inductive loads!
Power boosters built-in (R, L) (universal boosters)	max. 10 (max. 10 à 400 W)
Dimming principle	phase cut-off
Switching on	bulb-preserving soft startup
Number of extension units	BLC extension unit and push-button (NO contact) unlimited
Noise generation	very low noise
Short-circuit proof	Switch-off with autom. restart within 7 sec. electron. fuse (maintenance-free)
Overtemperature protection	via autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C, -15 % power reduction per 5 °C over
Connecting terminals	Screw terminals 0.75-4 mm²
Minimum ceiling aperture for standard ceiling height of 78 mm	63 mm
Dimensions (W x H x D)	48.5 x 46 x 212 mm

Tronic power booster built-in order no. 2868	
Rated voltage	230 V~, 50/60 Hz
Connected load	230 V incandescent lamps and halogen lamps 50-700 W Tronic transformers 50-700 W Mixed load of the specified load types, do not mix capacitive and inductive loads!
Power boosters built-in (R, L)	max. 10 total
Dimming principle	phase cut-off
Switching on	bulb-preserving soft startup
Noise generation	very low noise
Short-circuit proof	Switch-off with autom. restart within 7 sec. electron. fuse (maintenance-free)
Overtemperature protection	via autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C, -15 % power reduction per 5 °C over
Connecting terminals	Screw terminals 0.75-4 mm²
Minimum ceiling aperture for standard ceiling height of 78 mm	63 mm
Dimensions (W x H x D)	48.5 x 46 x 212 mm

**Universal touch dimmer (R, L, C) and universal power booster Plus RMD**












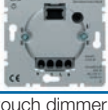




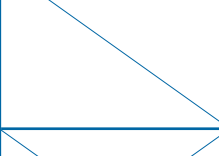
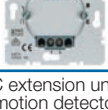
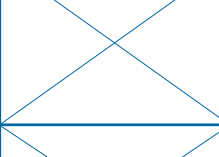
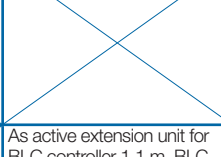
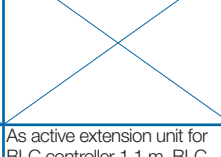
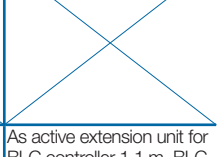

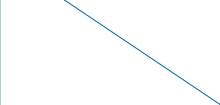
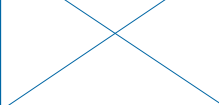
⚠ In mixed load configurations only ohmic/inductive or ohmic/capacitive is permitted. For mixed loads with inductive loads, the proportion of ohmic loads may not exceed 50 %! A maximum of 5/10 universal power boosters Plus RMD may be connected to one dimmer (depending on the dimmer principle phase cut-on or phase cut-off). Keep a minimum distance of 1 RMD with several dimmers.



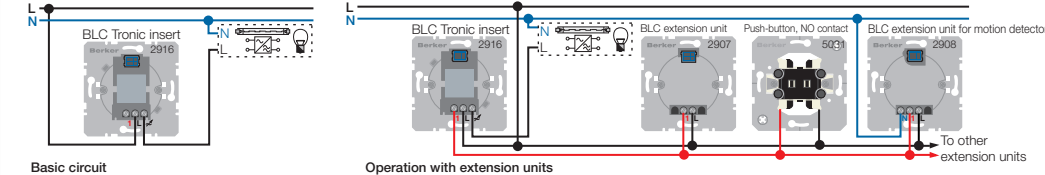
Order no.:	Usable dimmer types
2874	Tronic rotary dimmer (R, C)
2943	Tronic touch dimmer built-in (R, C)
2861.. and 2834..	Universal rotary dimmer (R, L, C)
2902	BLC universal touch dimmer (R, L, C)
16701	Universal touch dimmer RMD (R, L, C)
181	Radio universal dimmer built-in
94550100	Radio universal dimmer RMD

Technical data	
Nominal voltage	230 V~, 50/60 Hz
Connected load	230 V Incandescent and halogen lamps 50-500 W (ohmic, phase cut-off) Tronic transformers 50-500 W (capacitive, phase cut-off) or conv. transformers subject to min. 85 % of rated load. Total power output 50-500 VA including transformer power loss must not exceed 500 VA (inductive, phase cut-on). Mixed load of specified load types, do not mix capacitive and inductive loads!
Load cable and Control cable length	per max. 100 m
Universal power booster Plus RMD	for phase cut-off max. 10 items à 500 W for phase cut-on max. 5 items à 420 VA
Dimming principle	Phase cut-on or cut-off depending on load type
Switch-on	Bulb-preserving soft start-up
No. of extension units	BLC extension unit and push-button (NOC) unlimited
Extension set cable length	max. 100 m
Noise	Very low noise
Short-circuit-proof	Cut-out with auto. restart Electronic protection (no change-over) by means of autom. cut-out
Overheating protection	by means of autom. cut-out
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C
Connecting terminals	Screw-type terminals 0.75 to 4 mm²
RMD	2 modules
Dimensions (W x H x D)	36 x 90 x 70 mm
Height from DIN rail	63 mm

Technical data	
Nominal voltage	230 V~, 50/60 Hz
Connected load (per power booster)	230 V Incandescent and halogen lamps 200-500 W (ohmic, phase cut-off) Tronic transformers 200-500 W (capacitive load, phase cut-off) or conv. transformers subject to min. 85 % of rated load. Total power output 200-420 VA including transformer power loss must not exceed 420 VA (inductive load, phase cut-on). Mixed load of specified load types, do not mix capacitive and inductive loads!
Load cable length	max. 100 m
Control cable length	max. 100 m
Universal power booster Plus RMD	total for phase cut-off max. 10 items à 500 W total for phase cut-on max. 5 items à 420 VA
Dimming principle	Phase cut-on or cut-off depending on activation
Switch-on	Bulb-preserving soft start-up
Noise	Very low noise
Short-circuit-proof	Cut-out with auto. restart Electronic protection (no change-over) by means of autom. cut-out
Overheating protection	by means of autom. cut-out
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C
Connecting terminals	Screw-type terminals 0.75 to 4 mm²
RMD	2 modules
Dimensions (W x H x D)	36 x 90 x 70 mm
Height from DIN rail	63 mm

Covers  Inserts	BLC push-button  	BLC radio push-button  	BLC motion detector  	BLC motion detector Comfort  	BLC presence detectors with constant light control  
BLC Triac insert (R, L) 50-400 W/VA  	Switching  1761 xx xx	Switching Radio remote control Light scenes (On/Off)  1760 xx xx	Switching  1783 xx xx 1786 xx xx 1788 xx xx	Switching Step operation with immunity time Digital mode of operation (1789 xx additional functions e.g. pre-warning of switch-off)  1784 xx xx 1787 xx xx 1789 xx xx	Switching Light control  1701 10
BLC Tronic insert (R, L) 50-420 W  	Switching	Switching Radio remote control Light scenes (On/Off)	Switching	Switching Step operation with immunity time Digital mode of operation (1789 xx additional functions e.g. pre-warning of switch-off)	Switching Light control
BLC relay insert 2300 W/VA  	Switching	Switching Radio remote control Light scenes (On/Off)	Switching	Switching Step operation with immunity time Digital mode of operation (1789 xx additional functions e.g. pre-warning of switch-off)	Switching Light control
BLC relay insert  	Switching	Switching Radio remote control Light scenes (On/Off)	Switching	Switching Step operation with immunity time Digital mode of operation (1789 xx additional functions e.g. pre-warning of switch-off)	Switching Light control
BLC relay insert HLK 1000 W/VA   800 W/VA  	Switching + HLK contact day-time-controlled	Switching + HLK contact day-time-controlled Radio remote control Light scenes (only On/Off)	Switching + Brightness-independent HLK contact delay time-controlled	Switching Brightness-independent step operation with immunity time + Brightness-independent HLK contact delay time-controlled Digital mode of operation (1789 xx addit. functions)	Switching + HLK contact day-time-controlled Light control
BLC touch dimmer (R, L) 20-500 W/VA  	Switching Dimming Switch-on brightness memory	Switching Dimming Switch-on brightness memory Radio remote control Light scenes	Switching	Switching Switch-off pre-warning by 30 seconds' dimming process Switch-on brightness memory Digital mode of operation (1789 xx additional functions)	Switching Dimming Constant light control
BLC universal touch dimmer (R, L, C) 50-420 W/VA  	Switching Dimming Switch-on brightness memory	Switching Dimming Switch-on brightness memory Radio remote control Light scenes	Switching	Switching Switch-off pre-warning by 30 seconds' dimming process Switch-on brightness memory Digital mode of operation (1789 xx additional functions)	Switching Dimming Constant light control
BLC 1-10 V touch control unit 700 W  	Switching Dimming Switch-on brightness memory	Switching Dimming Switch-on brightness memory Radio remote control Light scenes	Switching	Switching Switch-off pre-warning by 30 seconds' dimming process Switch-on brightness memory Digital mode of operation (1789 xx additional functions)	Switching Dimming Constant light control
BLC insert for timer  	Switch-on Switch-off warning flashing  Use only in conjunction with BLC timer RMD for stairway light		Switch-on Switch-off warning flashing  Use only in conjunction with BLC timer RMD for stairway light	Switch-on Switch-off warning flashing Digital mode of operation  Use only in conjunction with BLC timer RMD for stairway light	Switch-on Switch-off warning flashing  Use only in conjunction with BLC timer RMD for stairway light
BLC extension unit  	Switching (dimming) Extension for BLC touch dimmer, inserts (Push-button, NO contact) Presence function On/Off Saving of switch-on brightness				
BLC extension unit for motion detector  			As active extension unit for BLC controller 1.1 m, BLC controller 1.1 m Comfort and BLC presence detectors with constant light control	As active extension unit for BLC controller 1.1 m, BLC controller 1.1 m Comfort and BLC presence detectors with constant light control Digital mode of operation (1789 xx additional functions)	As active extension unit for BLC controller 1.1 m, BLC controller 1.1 m Comfort and BLC presence detectors with constant light control

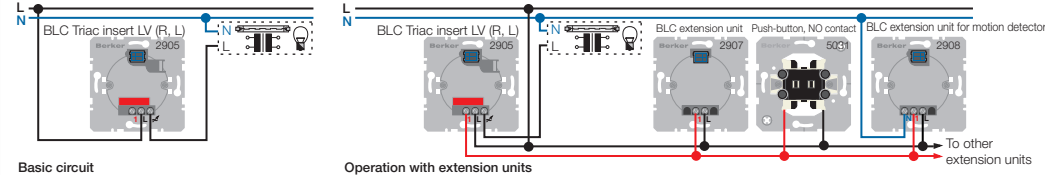
**BLC Tronic insert (R, C) for BLC button, BLC radio button, BLC presence detector and BLC controller**



**⚠** Push-buttons, NO contact) can only be illuminated via phase and neutral conductor. Extension unit operation is only possible if there is a cover fitted on the BLC Tronic insert (R, C). Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC Tronic insert (R, C).

<b>Basic circuit</b>		<b>BLC Tronic switch insert</b>	<b>Order no. 2916</b>
<b>Technical data</b>		Extension unit cable length	max. 100 m
Nominal voltage	230 V~, 50/60 Hz	Short-circuit-proof	Cut-out with auto. restart within 7 sec.
Connected load	Incandescent and 230 V halogen lamps and 12 V halogen lamps with Tronic transformer and mixed load of specified load types 50-420 W	Overheating protection	Electronic protection (no change-over)
Power consumption	approx. 1 W	Radio interference suppression	by means of autom. cut-out to EN 55015
Switch-on	Bulb-preserving soft start	Operating temperature	-20 to 25 °C (see operating conditions, Page T6)
Extension units	BLC extension unit and Push-button, NO contact unlimited BLC controller extension units max. 10	Connecting terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

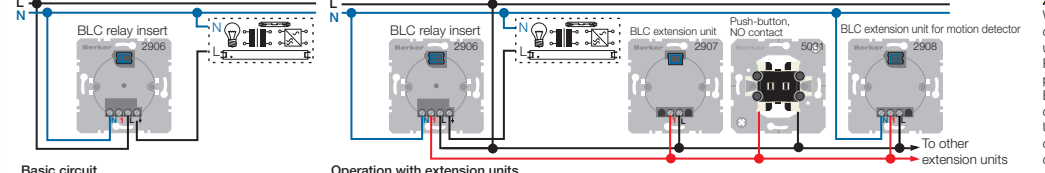
**BLC Triac insert LV for BLC button, BLC radio button, BLC presence detector and BLC controller**



**⚠** Push-buttons, NO contacts can only be illuminated via phase and neutral conductor. Extension unit operation is only possible if there is a cover fitted on the BLC Triac insert (R, L). Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC Triac switch insert.

<b>Basic circuit</b>		<b>BLC switch insert (R, L)</b>	<b>Order no. 2905</b>
<b>Technical data</b>		Extension units	BLC extension unit and push-button (NOC) unlimited BLC controller extension units max. 10
Nominal voltage	230 V~, 50/60 Hz	Extension unit cable length	max. 100 m
Connected load	Incandescent and 230 V halogen lamps 40-400 W Conv. transformers (< 85 % loading) incl. transformer power loss 40-400 VA (inductive) Combination of specified load types	Fine-wire fuse	T 1.6 H 250 V to EN 55015
Power consumption	approx. 1 W	Radio interference suppression	to EN 55015
Switch-on	Bulb-preserving soft start	Operating temperature	-20 to 25 °C (see operating conditions, Page T6)
		Connecting terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

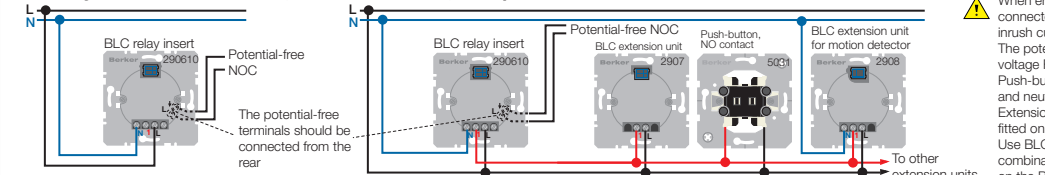
**BLC relay insert for BLC button, BLC radio button, BLC presence detector and BLC controller**



**⚠** When energy-saving lamps and electronic ballasts are connected note high switch-on currents, if necessary use inrush current limiter order no. 185. Push-buttons, NO contacts can only be illuminated via phase and neutral conductor. Extension unit operation is only possible if there is a cover fitted on the BLC relay insert. Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC relay insert.

<b>Basic circuit</b>		<b>BLC relay insert</b>	<b>Order no. 2906</b>
<b>Technical data</b>		Power consumption	approx. 1.1 W
Nominal voltage	230 V, 50/60 Hz	Extension units	BLC extension unit and push-button (NOC) unlimited BLC extension units for motion detector max. 10
Connected load	Incandescent and 230 V halogen lamps 2300 W (ohmic) Tronic transformer 1500 W (capacitive) Conv. transformers (< 85 % loading) incl. transformer power loss 1000 VA (inductive) Fluorescent lamps uncompensated 1200 VA, parallel compensated 920 VA (inductive) Duo circuit 2300 VA (inductive) Mixed load; capacitive and inductive loads should not be mixed	Extension unit cable length	max. 100 m
		Fuse	Via 10 A circuit-breaker
		Radio interference suppression	to EN 55015
		Operating temperature	- 20 to 45 °C (2000 W at 45 °C)
		Connecting terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

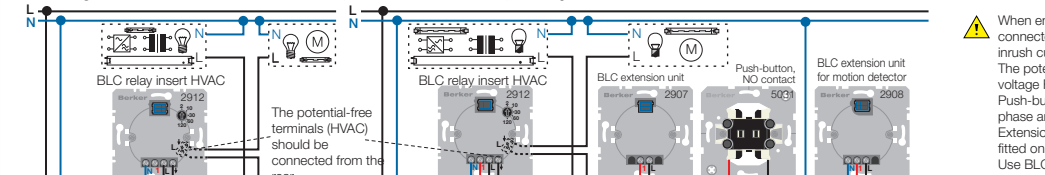
**BLC relay insert for BLC button, BLC radio button, BLC presence detector and BLC controller**



**⚠** When energy-saving lamps and electronic ballasts are connected note high switch-on currents, if necessary use inrush current limiter order no. 185. The potential-free contact is suitable for function extra-low voltage FELV (alternating current)! Push-buttons, NO contacts can only be illuminated via phase and neutral conductor. Extension unit operation is only possible if there is a cover fitted on the BLC relay insert. Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC relay insert.

<b>Basic circuit</b>		<b>BLC relay insert</b>	<b>Order no. 290610</b>
<b>Technical data</b>		Extension unit cable length	max. 100 m
Nominal voltage	230 V, 50/60 Hz	Power consumption	approx. 1.5 W
Connected load	potential-free suitable for extra-low voltage Incandescent lamps 800 W 230 V halogen lamps 750 W	Fuse	Via 10 A circuit-breaker
Minimum load	12 V, 100 mA	Radio interference suppression	to EN 55015
Extension units	BLC extension units and push-button (NOC) unlimited BLC extension unit for motion detector max. 10	Operating temperature	5 to 35 °C
		Connecting terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

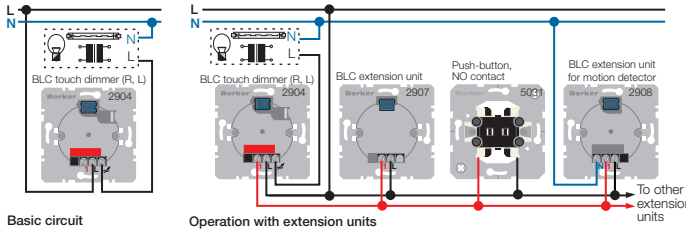
**BLC relay insert HVAC for BLC button, BLC radio button, BLC presence detector and BLC controller**



**⚠** When energy-saving lamps and electronic ballasts are connected note high switch-on currents, if necessary use inrush current limiter order no. 185. The potential-free contact is suitable for function extra-low voltage FELV (alternating current)! Push-buttons, NO contacts can only be illuminated via phase and neutral conductor. Extension unit operation is only possible if there is a cover fitted on the BLC relay insert HVAC. Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC relay insert HVAC.

<b>Basic circuit</b>		<b>BLC relay insert HVAC</b>	<b>Order no. 2912</b>
<b>Technical data</b>		Power consumption	approx. 1.5 W
Nominal voltage	230 V, 50/60 Hz	Switching OFF delay time	HVAC channel approx. 2/10/30/60/120 min.
Connected power channel 1	Incandescent and 230 V halogen lamps 1000 W (ohmic) Tronic transformer 750 W (capacitive) Conv. transformers (< 85 % loading) incl. transformer power loss 750 VA (inductive) Fluorescent lamps uncompensated 500 VA, Duo circuit 1000 VA (inductive) Mixed load, capacitive and inductive loads should not be mixed	Switching delay	HVAC channel 3 min., can be permanently switched off with BLC push-button
Connected power HVAC channel	incandescent lamps 800 W	Extension units	BLC extension units and push-button (NOC) unlimited BLC extension units for motion detector max. 10
Potential-free	230 V halogen lamps 750 W motor switching current 2.1 A	Extension unit cable length	max. 100 m
		Fuse	Via 10 A circuit-breaker
		Radio interference suppression	to EN 55015
		Operating temperature	5 to 35 °C
		Connecting terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

**BLC touch dimmer (R, L) for BLC button, BLC radio button, BLC presence detector and BLC controller**

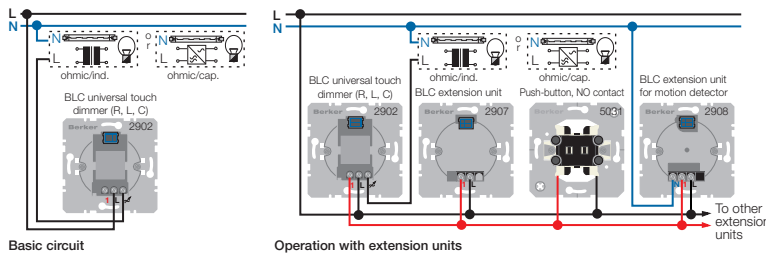


⚠ Switch-on brightness can only be saved power failure safe with BLC button and BLC radio button on dimmer and with BLC button via the extension unit.  
Push-buttons, NO contacts can only be illuminated via L and N. Extension unit operation is only possible if there is a cover fitted on the BLC touch dimmer (R, L).  
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC touch dimmer (R, L).  
In case of excessive switch-on currents (with conv. transformers) use inrush current limiter order no. 185.

<b>Technical data</b>	230 V~, 50/60 Hz
Nominal voltage	Incandescent and 230 V halogen lamps 20-500 W
Connected load	Conv. transformers at min. 85 % of rated load. total power output 20-500 VA including transformer power loss must not exceed 500 VA. Combination of specified load types
Boosters built-in (R, L)	max. 10
Power consumption	approx. 1.2 W
Dimming principle	Phase cut-on

<b>BLC touch dimmer LV</b>	<b>Order no. 2904</b>
No. of extension units	BLC extension unit and push-button (NO) unlimited
Extension unit cable length	BLC extension units for motion detector max. 100 m
Noise	Low noise
Fine-wire fuse	T 2 H / 250 V
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, Page T6)
Terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

**BLC universal touch dimmer (R, L, C) for BLC button, BLC radio button, BLC presence detector and BLC controller**

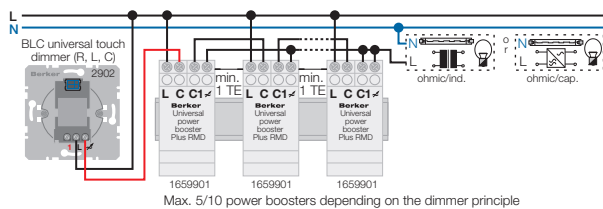


⚠ For a mixed load only ohmic/inductive or ohmic/capacitive is allowed. For a mixed load with inductive loads the proportion of the ohmic loads must not exceed 50 %!  
Switch-on brightness can only be saved power failure safe with BLC button and BLC radio button on dimmer and with BLC button via the extension unit.  
Push-buttons, NO contacts can only be illuminated via L and N. Extension unit operation is only possible if there is a cover fitted on the BLC universal touch dimmer (R, L, C).  
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC universal touch dimmer (R, L, C).

<b>Technical data</b>	230 V~, 50/60 Hz
Nominal voltage	Incandescent and 230 V halogen lamps 50-420 W (ohmic, phase cut-off)
Connected load	Tronic transformers 50-420 W (capacitive, phase cut-off) or Conv. transformers subject to min. 85 % of rated load. total power output 50-420 VA including transformer power loss must not exceed 420 VA (inductive, phase cut-on) Mixed load of specified load types, do not mix capacitive and inductive loads!
Universal booster Plus RMD	for phase cut-off max. 10 items à 500 W for phase cut-on max. 5 items à 420 VA
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Power consumption	approx. 0.7 W
Dimming principle	Phase cut-on or cut-off depending on load type

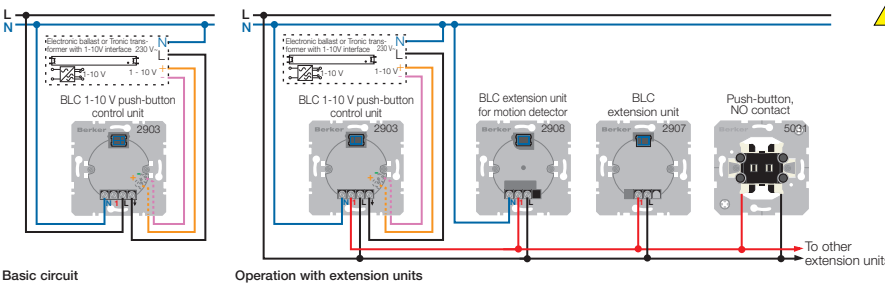
<b>BLC universal touch dimmer</b>	<b>Order no. 2902</b>
Switch-on	Bulb-preserving soft start-up
No. of extension units	BLC extension unit and push-button (NO) unlimited
Extension unit cable length	BLC extension units for motion detector max. 50 m
Noise	Very low noise
Short-circuit-proof	Cut-out with auto. restart
Overheating protection	Electronic protection (no change-over)
Radio interference suppression	by means of autom. cut-off according to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, Page T6)
Terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

**BLC universal touch dimmer (R, L, C) with universal power boosters**



⚠ For a mixed load only ohmic/inductive or ohmic/capacitive is allowed.  
For a mixed load with inductive loads the proportion of the ohmic loads must not exceed 50 %!  
For mixed loads with inductive loads, the proportion of ohmic loads may not exceed 50 %!  
A maximum of 5/10 universal power boosters Plus RMD may be connected to the dimmer (depending on the dimmer principle phase cut-on or phase cut-off).

**BLC 1 - 10 V push-button control unit for BLC button, BLC radio button, BLC presence detector and BLC controller**  
with extension unit input for electronic ballasts and/or Tronic transformers with 1-10 V interface.



⚠ When connecting energy saving bulbs and electronic ballasts, consider the high inrush currents. Check suitability of equipment prior to use, fit inrush current limiters order no. 185 if necessary.  
Basic brightness can only be saved with BLC button on BLC push-button control unit 1-10 V.  
Switch-on brightness can only be saved power failure safe with BLC button and BLC radio button on BLC 1-10 V push-button control unit and with BLC button via the extension unit.  
Push-buttons, NO contacts can only be illuminated via L and N. Extension unit operation is only possible if there is a cover fitted on the BLC 1-10 V push-button control unit.  
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC 1-10 V push-button control unit.  
To example of the planning 1-10 V of a plant see side T28.

<b>Technical data</b>	230 V~, 50/60 Hz
Nominal voltage	Control voltage 1-10 V
Control voltage	Max. control current 50 mA
Max. control current	Switching contact Relay
Switching contact	Connected load 700 W incandescent and 230 V halogen lamps
Connected load	Electronic ballasts type-specific Tronic transformers type-specific
Power consumption	approx. 1.8 W

<b>BLC 1-10 V push-button control unit</b>	<b>Order no. 2903</b>
Extension units	BLC extension units and push-button (NO) unlimited
Extension unit cable length	BLC extension units for motion detector max. 100 m
Open circuit protected	Yes
Electrical isolation 1-10 V	2 kV base installation
Fuse	Via 10 A circuit-breaker
Radio interference suppression	according to EN 55015
Operating temperature	5 to 35 °C
Terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

**Product features BLC controller 1783 xx / 1786 xx**

- For mounting on BLC inserts
- Optimised detection thanks to refined lens system
- Detection angle 180°
- Scope of delivery includes cover for limiting the detection area to 90°
- Analogue signal processing
- Response brightness adjustable in the range from 0 to 80 lux / daytime operation
- Response sensitivity continuously adjustable from 20 to 100 % via potentiometer
- Standardisation by means of specified delay time (2 min.)
- Extension of the detection area, e.g. for long corridors, through active BLC extension units for motion detector 2908 with BLC controllers 1783 ../1786 ../1788../, BLC controllers comfort 1784 ../1787 ../1789 .. and BLC presence detector 170109
- Switching on, even outside of the detection area, through the use of passive BLC extension units 2907 or push-buttons (NOCs)
- Also motion-dependent, brightness-independent, time-delayed switching of fans, heaters, etc. through use with BLC relay insert HVAC 2912
- Operating temperature range -20 to 45 °C
- Splash-protected flush-mounted variants (IP44) available

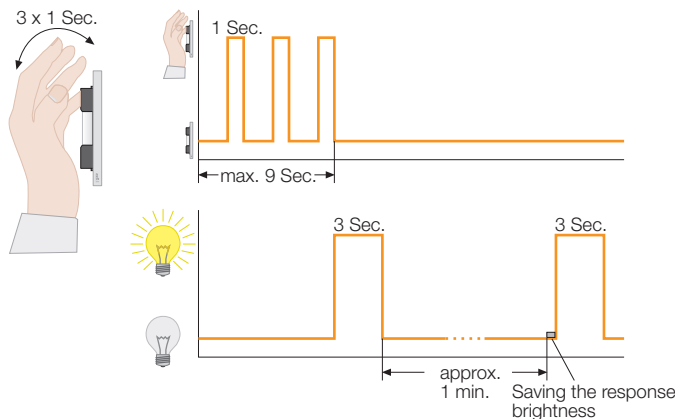
**Product features BLC controller comfort 1784 xx / 17887 xx**

- For mounting on BLC inserts
- Optimised detection thanks to refined lens system
- Detection angle 180°
- Scope of delivery includes cover for limiting the detection area to 90°
- Digital signal processing
- Adaptive automatic sensitivity adjustment to process the effects of interference signal sources and for adaptation to the ambient conditions  
--> optimised wrong operation safety  
--> enhanced switching accuracy for detecting persons
- Response sensitivity also manually continuously adjustable from 20 to 100 % on potentiometer
- Response brightness adjustable in the range from 0 to 80 lux / daytime operation
- Teach function as an additional easy way to individually adjust the response brightness (without detaching the cover)
- Glareproof against brief light from, for example, car headlights/torches
- No switching-on in case of unforeseeable short shadows
- Slide switch for off/automatic/on
- Brightness-independent step operation with immunity time 3 sec. (only in connection with BLC switch inserts, e.g. for doorbell operation)
- Dimming function (soft-off 30 sec.) when using a BLC dimmer insert
- Setting the switch-on brightness for the lighting via BLC extension unit 2907 in the BLC main dimming device (memory function)
- Extension of the detection area, e.g. for long corridors, through active controller BLC extension units for motion detector 2908 with BLC controllers 1783 ../1786 ../1788 .., BLC controller comfort 1784 ../1787 ../1789 .. and BLC presence detector 170109
- Switching on, even outside of the detection area, through the use of passive BLC extension units 2907 or push-buttons (NOCs)
- Also motion-dependent, brightness-independent, time-delayed switching of fans, heaters, etc. through use of the BLC relay insert HVAC 2912
- Operating temperature range -20 to 45 °C
- Splash-protected flush-mounted variants (IP44) available

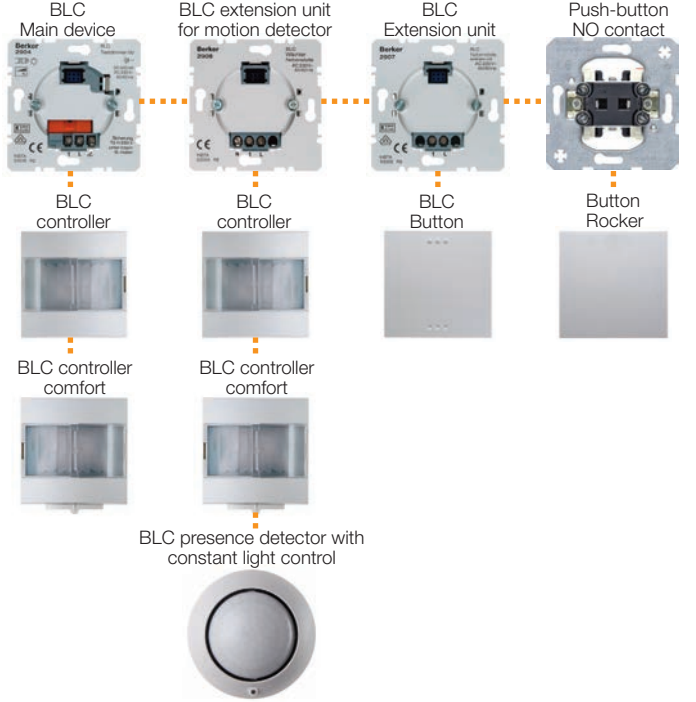
**Teach function**

The teaching function can be used to save the current ambient brightness (response brightness). The response brightness set on the potentiometer is then no longer evaluated. Procedure:

- To activate the teaching function, cover up the BLC controller comfort completely briefly for approx. 1 sec. at least 3 times within a period of 9 sec.
- As soon as the BLC controller comfort 3 has recognised 3 light cycles, the teaching function will be active. For confirmation, if the lighting is already switched on it is then switched off and then switched on for 3 sec. If the lighting is already switched off, then it is switched on for 3 sec.
- During the next minute, move away from the BLC controller comfort, so that it can correctly measure and save the current ambient brightness.
- To confirm that it has been saved, switch the lighting on for 3 sec.
- The BLC controller comfort switches to the operating mode set on the slide switch. A power failure > 2 sec. reactivates the response brightness set on the potentiometer.



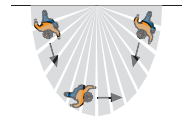
**Possible combinations**



**Installation instructions**

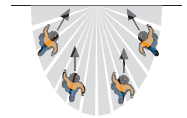
**optimal**

The detection rays are intersected optimally.



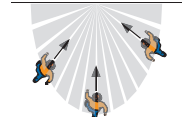
**not optimal**

The detection rays are not intersected optimally. Range is limited.



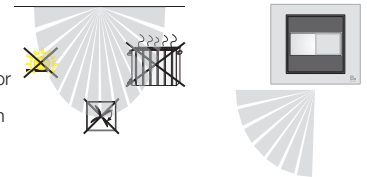
**wrong**

The detection rays are not intersected. The controller detects the object too late.



**problematical**

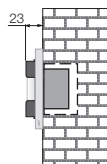
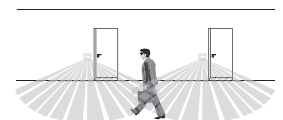
There should be no sources of interference, e.g. lamps, heaters or fans in the detection field: Select suitable installation location and/or use push-on cover.



**Problems with sources of interference** with the BLC controller can generally be solved with the teachable digital BLC controller comfort. The BLC controllers have no forced switch-off, i.e. constant motion in the detection area results in continuous light. The Controller Berker Control 220° surface-mounted and the controller system have an integrated forced switch-off after 90 min. at the latest.

**Extension units**

When using BLC controllers with BLC extension units for motion detector, overlapping of the detection areas should be ensured, so that detection can be guaranteed.



**Dimensions**

Very low assembling height in comparison



**BLC controller 2.2 m [order no. 1788 ..] and BLC IR controller comfort 2.2 m [order no. 1789 ..]**

If thermal motions triggered by persons, animals or objects are registered in the detection area, the BLC motion detectors switch on connected consumers (passive infrared principle). If motions are no longer detected, they switch off again automatically after the delay time expires. The BLC controllers are operated together with a BLC switching or dimming insert.

**i** The detection area can be extended in combination with the BLC motion detector extension [order no. 2908].

**Product features**

- Crawl-under protection
- Digital signal processing
- Teach function for response brightness
- Delay time limit: 90 min
- Brightness threshold value can be stored safe after power failure
- Switch-on brightness with BLC inserts are storable via BLC extension unit [2907]
- Switch on by using push-buttons (NO contact), passive BLC extension units or push-buttons (NC contact) in the cable
- Motion-dependent, brightness-dependent and time-delayed switching of ventilators, heating systems etc. when using BLC relay switch inserts HLK [2912]

**Additional product features BLC IR-controller comfort 2.2 m [order no. 1789 ..]**

- 2 push-buttons for permanent ON, permanent OFF and automatic
- 2 LEDs for detection, IR receipt and IR confirmation
- With hand-held transmitter for BLC IR controller [2770] additional functions such as selective deactivation to limit detection angle or storable switch-on brightness, possible
- Adaptive sensitivity adjustment
- For use with dimming inserts: Dimming function (Soft Off)
- Step operation with immunity time (e.g. for bell)
- Night light function: without motion the load is dimmed to 20 %
- Presence simulation and test mode

**Teach function**

**i** For wiring diagram see page T15.

The current ambient brightness is stored as brightness threshold value with the teach function.

- Cover the BLC controller 2.2 m completely within 9 seconds 3 x 1s each time.

The lighting is switched on for approx. 1s\*. Teach function is active.

- Leave the detection area of the controller for approx. 30 s.

The ambient brightness is measured by the device. The lighting is then switched on for approx. 3 seconds.\* The brightness threshold value is stored.

\*Switched on lighting is switched off.

**Hand-held transmitter for BLC IR controller [order no. 2770]**

The IR hand-held transmitter is required for the individual configuration of the BLC IR controller 2.2 m comfort in order to perform remote settings and to use additional functions of the device.



Fig. 1: Overview of function keys

**Control overview**

Button	Function
<b>Permanent On<sup>2</sup> or dim brighter</b>	
	Short press of push-button: Load is switched on constantly. Long press of push-button: Load is dimmed up brighter <sup>1</sup> . Display on the motion detector: yellow LED lights up <b>i</b> Not adjustable in step operation.
<b>Automatic mode<sup>2</sup></b>	
	Load is switched on brightness-dependent when motion is detected. If no motion is detected anymore, the motion detector switches off the load after the delay time expires. Delay time limit: 90 min AUTO push-button switches the following functions <b>off</b> : - On for 2 hours - Off for 2 hours - Permanent On - Permanent Off - Presence simulation - Test mode <b>i</b> Date is recorded continuously in automatic mode (chronological sequence of switch-on and switch-off operations) for the presence simulation.
<b>Permanent Off<sup>2</sup> or dimming darker</b>	
	Short press of push-button: The load is switched off permanently (with dimmer inserts after dimming phase expires). Long press of push-button: Load is dimmed darker <sup>1</sup> . Display on the motion detector: red LED lights up
<b>On for 2 hours</b>	
	Load is switched on for 2 h. After 2 hours have expired, the load stays on for the duration of the delay time (4 min) and the automatic mode is activated. <b>i</b> Not adjustable in step operation.
<b>Off for 2 hours</b>	
	Load is switched off for 2 h. The automatic mode is activated after 2 h have expired.
<b>Presence simulation</b>	
	Press push-button longer than 10 s: Presence simulation is switched on. Load is switched by means of the data recorded in automatic mode. <b>i</b> Not adjustable in pulse mode.
<b>Switching on for delay time and saving switch-on brightness<sup>1</sup></b>	
	Short press of push-button: The load is switched on brightness and motion-independent for the set delay time. Press push-button for 3 s: the set brightness is saved as switch-on brightness. The load is switched on and switched off again to confirm.
<b>Sensitivity</b>	
	Faulty switching operations can be minimised by adjusting the sensitivity in predefined levels.
	Press push-button for longer than 10 s: Sensitivity level is switched on.
	Sensitivity levels: 25 %, 50 %, 75 %, 100 %
<b>Teach function</b>	
	The motion detector is in automatic mode. Short press of push-button: current ambient brightness is stored as brightness level. In the event of movements, only one switching operation is triggered if the saved brightness threshold value is fallen short of within the measurement environment. <b>Teach function active:</b> - Switched on load is switched off. - Switched off load is switched on for approx. 1 s. <b>Brightness measured and saved:</b> - The load is switched on for the duration of the delay time. Value range: approx. 1 ... 200/∞ lx (daytime operation) <b>i</b> The saved brightness threshold value is active after a max of 3 min.

<sup>1</sup> Function is only possible in connection with dimmer inserts.  
<sup>2</sup> Operation is also possible using the push-button on the motion detector.

Button	Function
<b>Detection area</b>	
	Press push-button longer than 10 s: Selective limit of the detection area. - Right sensor switched off 30° - Left sensor switched off 30° - Both sensors active
	It is not possible to switch off both sensors at once.
	Owing to the overlapping of both detection areas no sharp separation of the masked areas is possible.
<b>Brightness threshold value</b>	
	Short press of push-button: Brightness level is activated.
	Preset brightness threshold value of the push-buttons: - approx. 1 lx (night operation) - approx. 10 lx (twilight) - approx. 150 lx (hallways) - > 250 lx (daytime operation)
	If the set brightness level is exceeded, the motion detector does not switch on the load despite a detected motion.
	Brightness threshold value is active after a max of 3 min.
<b>Fixed delay time</b>	
	During motion detection, the insert switches on the load for the selected delay time. Each time a new motion is detected, the delay time starts once again.
	Short press of push-button: delay time is activated.
	Preset delay times: 30 s, 2 min, 5 min, 30 min.
<b>Step operation</b>	
	Press push-button longer than 10 s: Step operation is activated. No delay time setting is possible.
<b>Individual delay time</b>	
	Adjustable delay time within a range of 10 s ... 60 min.
	<ul style="list-style-type: none"> <li>Button <b>Press START</b> for a short time. The time measurement starts.</li> <li>Press <b>STOP button</b> for a short time. The time measurement is finished. The set delay time is saved automatically. The motion detector is in automatic mode.</li> </ul> The step operation is not possible.
<b>Dimming phase<sup>1</sup></b>	
	Short press of push-button: Dimming phase is activated/deactivated. The delay time is increased by approx. 30 s.
<b>Night light function<sup>1</sup></b>	
	Press push-button longer than 10 s: Night light function, e.g. realisation of emergency lighting is activated. The load is switched on permanently at a basic brightness of 20 %. If a motion is detected, the load is switched to 100 % and is dimmed to 20 % again after the delay time expires. If function is active <b>Off for 2 hours</b> or <b>Permanent Off</b> , the light is switched off.
<b>Adjustment for outside area</b>	
	Press push-button longer than 10 s: optimised motion detection for outside area is activated. Display on the motion detector: red LED flashes during motion detection.
<b>Test mode</b>	
	Short press of push-button: Test mode for testing the detection area is activated. The motion detector works with the following values: - Sensitivity: 100 % - Delay time: 1 s - Brightness threshold value: daytime operation - Detection area: 180° The motion detector changes to automatic mode after 5 minutes.

Button	Function
<b>End Default settings/Special functions</b>	
	Short press of push-button: Special functions are deactivated. Press push-button longer than 10 s: The default settings of controller are loaded. By pressing the RESET push-button the following <b>special functions</b> are deactivated: - Presence simulation - Night light function - Switch-off warning - Adjustment for outside area - Delay time for step operation <b>Reset to Defaults:</b> - Sensitivity 100 % - Detection angle 180° - Brightness threshold value 10 lx - Delay time 30 s - Place of use indoor area - Night light function switched off - Presence simulation switched off

<sup>1</sup> Function is only possible in connection with dimmer inserts.  
<sup>2</sup> Operation is also possible using the push-button on the motion detector.

### Assembly and electrical connection

#### Combination possibilities



Specifications	BLC controller 2.2 m Order no. 1788 ..	BLC IR-controller comfort 2.2 m Order no. 1789 ..
Detection angle	180°	180°
Range for crossing	approx. 12 x 6 m	approx. 12 x 6 m
Range for approaching	approx. 8 x 4 m	approx. 8 x 4 m
Detection area limitation	-	Sensor deactivation
Recommended installation height	1.1 or 2.2 m	1.1 or 2.2 m
Response sensitivity	100 %	4 levels/can be taught approx. 25/50/75/100 %
Response brightness	approx. 10 lx/can be taught	4 levels/can be taught approx. 1/10/150/250 lx
Delay time	2 min (fixed)	10 s ... 60 min
Pulse duration/pause	-	approx. 0.3 s/2.7 s
Lockout time	approx. 0.3 ... 4 s	approx. 0.3 ... 4 s
Device push-buttons	-	Off/Auto/On
Radio interference suppression	acc. to EN 55015	acc. to EN 55015
Operating temperature	-15 ... +45 °C	-15 ... +45 °C
Protection class	IP20	IP20
VDE symbol	•	•
Microprocessor	•	•
Fuse	via insert	via insert

For more data please refer to the technical specifications of the insert used.

**Function:**

The BLC presence detector with constant light control responds to heat motions caused by persons, animals or objects. It can be used for switching and dimming of the lighting in offices and common areas. The presence detector switches the lighting on when it detects motion and the brightness is below the set level. The presence detector switches the lighting off if it is no longer needed, i.e. when it is bright enough even without lighting or when there is no longer anyone present. It is also able to evaluate small motions (fine motor functions), such as those that typically occur in offices. It is mounted exclusively on ceilings, and monitors the area located below it, for example. The lighting is switched or dimmed, depending on the BLC insert used. The presence detector switches the lighting on only for as long as it is needed. To expand the detection field, the presence detector can be combined with a BLC controller extension unit insert and connected to the main device.

**Combination with a BLC insert**

The lighting is always switched on to maximum brightness. The lighting is switched off when one of the following cases applies:

- No more motion is detected and the set delay time has elapsed
- The brightness exceeds for at least 10 minutes (e.g. due to more daylight) twice the set value. The fact that the brightness is exceeded is indicated by flashing of the LED. The lighting is also switched off when there is motion.

**Combination with a BLC dimmer insert**

The presence detector first switches the lighting on to maximal brightness. After that it dims the lighting so that the brightness is held constant at the setpoint that has been set (constant light control). As daylight increases, the lighting is dimmed or switched off. As daylight decreases, the lighting is switched on or dimmed up. The constant light control is designed so that the user notices it as little as possible. The lighting is switched off when one of the following cases applies:

- The presence detector detects no more motion and the set delay time has elapsed. The lighting is then dimmed to minimum brightness in at most one minute. After an additional five minutes without detection the lighting is switched off.
- The presence detector has adjusted the lighting to the lowest dimming setting. Never- theless the brightness exceeds 1.5 times the setpoint. After a waiting period of 10 minutes the lighting is switched off regardless of motion.

**Extension unit operation**

For manual operation of the presence detector, a BLC extension unit (passive extension unit) is required in combination with a BLC button or a mechanical push-button (NO contact).

**Notes:**

- When a BLC switch insert is used, no distinction is made between a short press and a long press.
- With a mechanical push-button, no distinction is made between a short press and a long press. This means that dimming and changing of the temporary brightness setpoint is not possible.
- Extension unit operation is only possible if there is a cover fitted on the main device.
- Illuminated push-buttons must be supplied with power via a separate neutral conductor.

**Short press (less than 400 ms)**

Control surface	Load off	Load on
Top, Bottom, Full surface or mech. push-button	The lighting is switched on to max. brightness. The delay time corresponds to the value set on the potentiometer, but is at least 2 minutes. Detected motions extend the delay time to the time set on the potentiometer.	Lighting is switched off for 3 minutes. For more information, see slide show-function

**Information regarding dimmer inserts**

- After switching-on, constant light control is performed.
- If the lighting was switched off via the extension unit, switching-on can be performed only via the extension unit to the last brightness value

**Slide show function**

With a BLC extension unit or a mechanical push-button (NOCs) it is possible to switch the lighting off selectively. If the presence detector detects motion in the next 3 minutes, then the switch-off time is extended. Only after 3 minutes go by without motion being detected is the slide show function ended automatically. If motion is detected now, the lighting may be switched on again, depending on the brightness situation. If you wish to end the slide show function manually, switch the lighting on again manually at the extension unit (for dimmer inserts the brightness before switching-off will be set).

**Temporary deactivation of the lighting control**

If the presence detector switched the lighting off due to sufficient extraneous light (e.g. daylight), then you can switch the lighting control off manually. To do this, switch the lighting on again at the extension unit within 1 minute after it is switched off automatically.

The lighting now remains switched on as long as the presence detector detects motion. The lighting is only switched off if the presence detector does not detect any more motion and the delay time has elapsed. The lighting control is now active again.

**Long press (longer than 400 ms) only for BLC dimmer inserts**

Control surface	Load off	Load on
Top or Full surface	The lighting is switched on to minimum brightness, held for 1 s and then dimmed up to maximum brightness.	Increase (dim up) the brightness to maximum brightness.
Bottom	The lighting is switched on to minimum brightness. See short press.	Reduce (dim down) the brightness to minimum brightness.
Mechanical push-button		See short press.

**Notes:**

- Each press re-starts the set delay time, but for at least 2 minutes.
- Each detected motion re-starts the delay time set on the potentiometer.
- In presence detector mode the dimmed brightness value is temporarily adopted as the brightness setpoint, as long as the lighting remains switched on. If the dimmer insert's own volatile brightness memory is changed, then a BLC button must be used temporarily for saving on the dimmer insert.
- In controller operation the lamps retain the dimmed brightness as long as the lighting remains switched on.

**BLC presence detector in combination with BLC extension units for motion detector.**  
The area to be evaluated is expanded. Using up to 10 (5 with main device BLC universal touch dimmer (R, L, C) BLC extension units for motion detector it is possible to evaluate even large areas. If a motion is detected by an extension unit, this is reported to the main device, and the connected load is switched on if the brightness is below the threshold value on the main device.

 Connection in parallel of BLC presence detectors with constant light control is not permitted. To expand the detection field, use BLC extension units for motion detector.

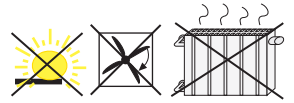
**Installation location**

- Ceiling mounting in indoor areas.
- The detection area should not be limited by furniture, pillars, etc.
- Vibration-free installation, because movements of the detector can also trigger a switching operation

 During installation, do not subject the sensor window of the presence detector to direct sunlight; this could destroy the sensor.

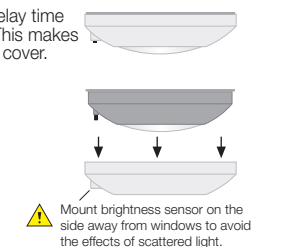
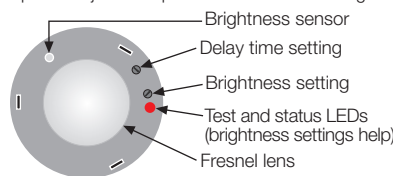
**Sources of interference**


Do not install in the direct vicinity of a heat source. Cooling light bulbs and air movements from, for example, fans, heaters and open windows may be detected and lead to switching-on again. If necessary limit detection area using supplied push-on cover. The detection area should not be limited by furniture, pillars, etc.



**Settings**

The cover can be removed in order to adjust the delay time (operating mode) and brightness threshold value. This makes optimal adjustment possible without detaching the cover.



 Mount brightness sensor on the side away from windows to avoid the effects of scattered light.

**Delay time**

The potentiometer "time" can be used to set the delay time; a change of operating mode is indicated by flashing of the LED.

Step operation: approx. 1 sec. on setting "Test"  
 Presence mode: approx. 10 min. to 30 min.



**Brightness threshold value**

Minimum brightness in the area being monitored. When the brightness drops below this value, the presence detector switches the lighting on when a motion is detected. When a dimmer insert is used, in presence detector mode the minimum brightness is simultaneously used as the setpoint at which the brightness is held constant. When set to marking 0 the automatic initial detection is deactivated, switching on is only possible manually via the extension units. For switch inserts the switch-off brightness (brightness setpoint) is approx. 400 lux here.



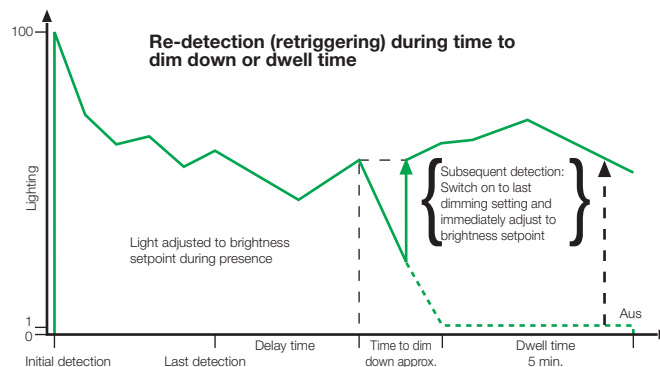
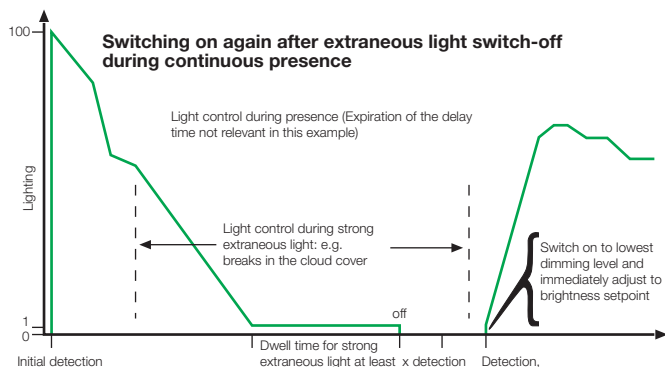
**Technical data BLC presence detector with constant light control order no. 170110**

Power supply	via BLC insert
Connected load	depending on BLC insert
Power consumption	approx. 1 W
Delay time	approx. 1 sec. test operation; approx. 10 sec. - 30 min. presence detector operation;
Brightness threshold value	approx. 10-1000 lux/symbol "0" initial activation only via extension unit
Detection angle	360°
Detection levels	6
Number of zones	80
Number of switching segments	320
Detection area at desk level	approx. Ø 5 m
Detection area at floor level	approx. Ø 8 m
Installation height for nominal detection areas	2.5 m
Number of extension units	see BLC insert
Extension unit cable length	max. 100 m
Dimensions (Ø x H)	103 x 42 mm
Radio interference suppression	according to EN 55015
Operating temperature	0 to 45 °C

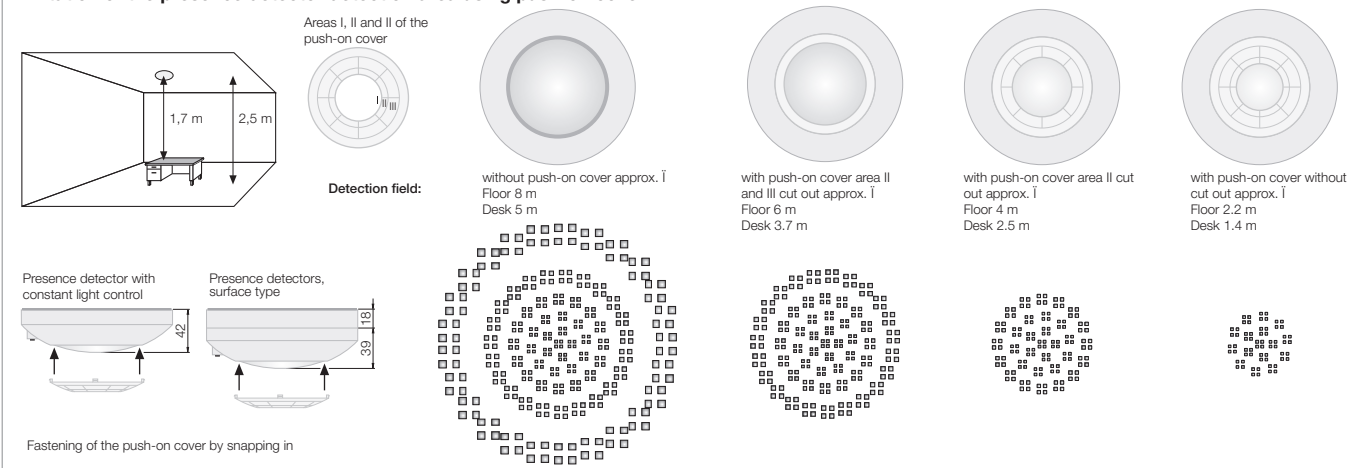
**Test LED (brightness settings help)**

	Load off	Load on
<b>LED off</b>	Monitored area too dark: Load is switched on when motion is detected.	Monitored area too dark: Load remains switched on during motion. With no motion the switch is turned off after the set delay time.
<b>LED on</b>	Monitored area bright enough: Load remains off even when motion detected.	Monitored area light enough due to switched-on lighting. Load remains switched on during motion. With no motion the switch is turned off after the set delay time.
<b>LED flashes</b>	Monitored area bright enough: Load remains off even when motion detected.	Monitored area very bright with lighting and extraneous light: Load switches off after approx. 10 minutes, because the brightness is sufficient even without lighting.

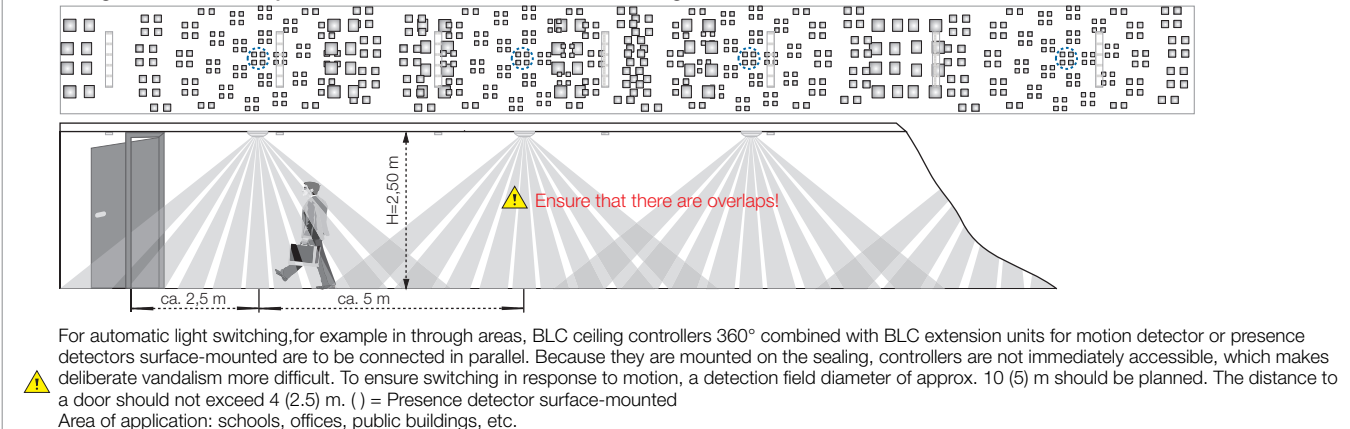
# BLC PRESENCE DETECTOR WITH CONSTANT LIGHT REGULATION/ BLC CEILING CONTROLLER 360°/ PRESENCE DETECTOR SURFACE-MOUNTED



## Limitation of the presence detector detection area using push-on cover



## BLC ceiling controller 360° or presence detector surface-mounted in through areas



### BLC ceiling controller 360°

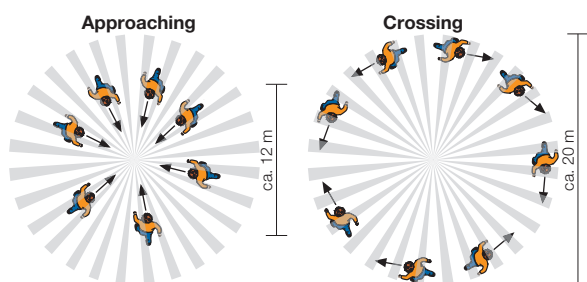
The BLC ceiling controller 360° is operated together with a BLC dimming or switch insert and mounted on the ceiling. The controller switches the lighting on and off depending on motion and the ambient brightness. The controller also detects heat motions of persons, animals or objects.

· Light is switched on: The brightness is below the set threshold and someone enters the area being monitored.

· Light is switched off: No more motion is detected and the delay time has expired.

### Detection area

The diameter of the detection area depends on the installation height and the direction of motion. For an installation height of 3 m the maximum diameter at the floor is approx. 12 m when approaching and approx. 20 m when crossing.



### Technical data BLC ceiling controller 360° order no. 170111

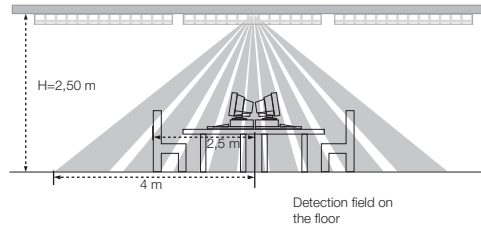
Power supply	via BLC insert
Connected load	depending on BLC insert
Power consumption	approx. 1 W
Delay time	approx. 1 sec. test operation; approx. 10 sec. - 30 min.
Response brightness	approx. 2 - 80 / ∞ Lux
Response sensitivity	20 - 100 %
Detection angle	360°
Detection levels	5
Number of zones	78
Number of switching segments	312
Range for approaching	approx. Ø 12 m
Range for crossing	approx. Ø 20 m
Installation height for nominal ranges	3 m
Number of extension units	see BLC insert
Extension unit cable length	max. 100 m
Dimensions (Ø x H)	103 x 42 mm
Radio interference suppression	according to EN 55015
Operating temperature	5 to 35 °C

### Additional features

- Extension of the detection field with BLC controller extension units
- Manual operation with BLC extension unit or button (NO contact)
- Daytime operation
- Test/step operation
- Saving the switch-on brightness via BLC extension unit with BLC dimmer inserts
- Dimming the light via BLC extension unit with BLC dimmer inserts
- Display LED

**Presence detector surface-mounted**

The presence detector surface-mounted is used to monitor presence in indoor areas. It is mounted exclusively on ceilings, and monitors the area located below it. It responds to heat motions caused by persons, animals or objects. It is also able to evaluate small motions (fine motor functions), such as those that typically occur in offices. When a motion is detected and the brightness is below an adjustable brightness threshold, the load is switched on. The device remains switched on as long as further motions are detected. If no more motion is detected, then the load is switched off after the set delay time. If the brightness on the monitored surface continuously exceeds double the set brightness threshold value (but at least approx. 400 lux), for example due to brighter daylight, then the red diagnosis and settings help LED flashes and the presence detector switches off after 10 minutes at the latest, even if there is motion. The presence detector surface-mounted can only be used for switching applications.



**Extension unit operation**

	Load off	Load on
Mechanical push-button	The lighting is switched on. The delay time corresponds to the value set on the potentiometer, but at least 2 minutes. Detected motions extend the delay time to the time set on the potentiometer.	Lighting is switched off for 3 minutes. For more information, see slide show function.



**Slide show function**

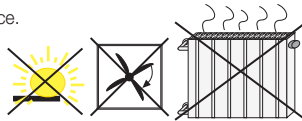
With a BLC extension unit or a mechanical push-button (NOCs) it is possible to switch the lighting off selectively. If the presence detector detects motion in the next 3 minutes, then the switch-off time is extended. Only after 3 minutes go by without motion being detected is the slide show function ended automatically. If motion is detected now, the lighting may be switched on again, depending on the brightness situation. If you wish to end the slide show function manually, switch the lighting on again manually at the extension unit (for dimmer inserts the brightness before switching-off will be set).

**Temporary deactivation of the brightness evaluation**

If the presence detector switched the lighting off due to sufficient extraneous light (e.g. daylight), then you can switch the brightness evaluation off manually. To do this, switch the lighting on again at the extension unit within 1 minute after it is switched off automatically. The lighting now remains switched on as long as the presence detector detects motion. The lighting is only switched off if the presence detector does not detect any more motion and the delay time has elapsed. The brightness evaluation is now active again.

**Sources of interference**

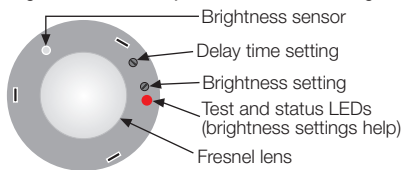
Do not install in the direct vicinity of a heat source. Cooling light bulbs and air movements from fans, heaters and open windows can be detected and lead to switching on again. If necessary limit detection area using supplied push-on cover



⚠ During installation, do not subject the presence detector to direct sunlight; this could destroy the detector.

**Settings**

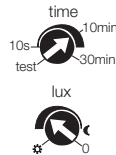
The cover can be removed in order to adjust the delay time and brightness. Can be adjusted without dismantling.



⚠ Mount brightness sensor on the side away from windows to avoid the effects of scattered light.

**Delay time**

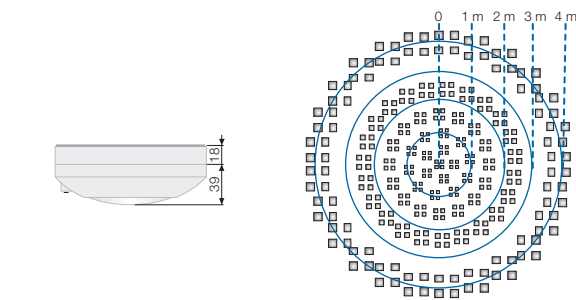
The potentiometer "time" can be used for fine adjustment of the on-time. Test mode: approx. 1 sec. on setting "test" Presence mode: approx. 10 sec. to approx. 30 min.



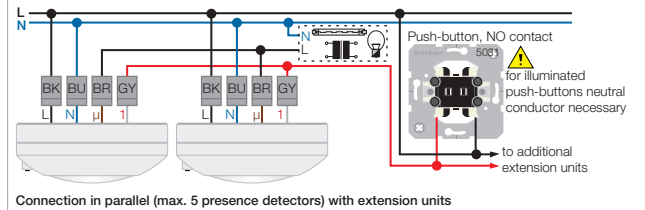
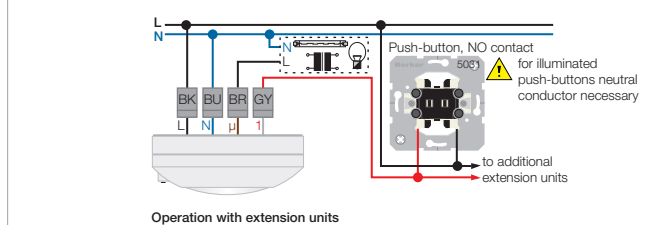
**Brightness threshold value**

Minimum brightness in the area being monitored. When the brightness drops below the set brightness threshold value and there is motion, then the switch is turned on. The potentiometer "lux" can be used to adjust the minimum brightness from approx. 10 lux (symbol moon) to 1000 lux (symbol sun). When set to the marking 0 the presence detector can only be switched on via the extension unit. In this case the switch-off brightness is 400 lux.

Test LED (brightness settings help)		
	Load off	Last on
<b>LED off</b>	Monitored area too dark: Load is switched on when motion detected.	Monitored area too dark: Load remains switched on during motion. With no motion the switch is turned off after the set delay time.
<b>LED on</b>	Monitored area light enough: Load remains off even when motion detected.	Monitored area light enough due to switched-on lighting. Load remains switched on during motion. With no motion the switch is turned off after the set delay time.
<b>LED flashes</b>	Monitored area light enough: Load remains off even when motion detected.	Monitored area very bright with lighting and extraneous light: Load switches off after approx. 10 minutes, because the brightness is sufficient even without lighting.



**Presence detector surface-mounted**



**Expansion of the detection area**

Connection in parallel of presence detectors surface-mounted "intelligent load linking" Note: All presence detectors connection in parallel surface-mounted must be operated in the same phase. Connection in parallel does not increase the max. connected load. The built-in microprocessor, in connection with a voltage measurement on the load cable, ensures that all presence detectors connected in parallel surface-mounted detect when lighting is switched on. As long as a motion is detected by one of the presence detectors surface-mounted, the lighting remains switched on. The delay time is restarted every time a motion is detected in the respective presence detector surface-mounted. The lighting is switched off when:  
- none of the presence detectors is detecting movement and the last remaining on-time has expired.  
- for all presence detectors the brightness in their monitored area is constantly exceeds at least twice the set value. In this manner it is possible to set up a presence detector system with equal rights without mutual influence.

Technical data		Presence detector surface-mounted order no. 170108
Rated voltage		230 V~, 50/60 Hz
Connected load		1000 W incandescent lamps and 230 V halogen lamps, ohmic load 750 W 12 V halogen lamps with Tronic transformer, capacitive load 750 VA 12 V halogen lamps with conv. transformer, inductive load 500 W Fluorescent lamps uncomp. inductive load 1000 VA fluorescent lamps in duo configuration, inductive load Mixed load, capacitive and inductive loads should not be mixed
Power consumption		approx. 1 W
Delay time		approx. 1 sec. test mode; approx. 10 sec. - 30 min. presence detector mode
Brightness threshold value		approx. 10-1000 lux / symbol "0" initial activation only via extension unit
Detection angle		360°
Detection levels		6
Number of zones		80
Number of switching segments		320
Detection area at desk level		approx. Ø 5 m
Detection area at floor level		approx. Ø 8 m
Installation height for nominal detection areas		2.5 m
Number of extension units		Push-button NO contact unlimited
Extension unit cable length		max. 100 m
Connection in parallel		possible
Load cable length (with parallel connection cable)		max. 100 m
Dimensions (Ø x H)		103 x 57.5 mm
Radio interference suppression		acc. to EN 55015
Operating temperature		approx. 0 - 45 °C
Connecting terminals		Screw terminals for max. 2.5 mm² or 2 x 1.5 mm²

Technical data	BLC triac insert (R, L)	BLC trionic insert (R, C)	BLC relay insert	BLC relay insert HVAC	BLC insert for timer	BLC timer RMD for stairway light
Supply voltage	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50 Hz
Power consumption	1 W	1 W	1.2 W	1.5 W	0.5 W (2.5 mA)	-
Switching contact	Triac	MosFet	Relay	Relay	s. auto. stair light switch RMD	Relay, ED 100 %
Switching capacity				HVAC values, s. below*		
- Incandescent lamps	40-400 W	50-420 W	2300 W	1000 W	s. auto. stair light switch RMD	2300 W
- 230 V halogen lamps	40-400 W	50-420 W	2300 W	1000 W	-	2300 W
- Conventional transformers at 85 % load	40-400 VA	-	1000 VA	750 VA	-	1000 VA
- Trionic transformers	-	50-420 W	1500 W	750 W	s. auto. stair light switch RMD	1500 W
- Fluorescent lamps uncompensated	-	-	1200 VA	500 VA	-	1200 VA
- parallel compensated	-	-	920 VA	-	-	920 W
- Duo circuit	-	-	2300 VA	1000 VA	s. auto. stair light switch RMD	2300 W
- Fluorescent lamps with electronic ballast	-	-	-	-	-	700 W
- Energy saving lamps	-	-	approx. 200 VA	-	s. auto. stair light switch RMD	approx. 200 VA
HVAC switching current	-	-	-	4 A	s. auto. stair light switch RMD	-
Maximum inrush current	-	-	15 A	15 A	s. auto. stair light switch RMD	15 A
Minimum load	40 W	50 W	100 mA	100 mA	s. auto. stair light switch RMD	100 mA
Slide switch	see cover	see cover	see cover	see cover	at auto. stair light switch RMD	Off/Auto/On
Radio interference suppression	to EN 55015	to EN 55015	to EN 55015	to EN 55015	to EN 55015	to EN 55015
VDE mark	•	•	•	•	•	•
Index of protection	see cover	see cover	see cover	see cover	see cover	IP20
Operating temp. (obs. the cond. on page T7)	-20 to 25 °C	-20 to 25 °C	-20 to 45 °C	5 to 35 °C	5 to 45 °C	5 to 50 °C
Delay time	see cover	see cover	see cover	see cover	s. auto. stair light switch RMD	10 sec. - 15 min.
Response brightness	see cover	see cover	see cover	see cover	approx. 0 to 80 / Lux on BLC controller	on BLC insert for timer on BLC controller
Response sensitivity	see cover	see cover	see cover	see cover	see cover	see cover
Recommended mounting height	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	-
Detection levels	see cover	see cover	see cover	see cover	see BLC controller on BLC controller	-
Detection area limit	see cover	see cover	see cover	see cover	see BLC controller on BLC controller	-
Range reduction	see cover	see cover	see cover	see cover	on BLC controller or comfort	-
Fuse	T 1.6 H 250 V	electronic	10 A circuit breaker	10 A circuit breaker	-	10 A circuit breaker
Order no.:	2905	2916	2906	2912	293410	16301

⚠ When connecting energy-saving bulbs and electronic ballasts (EVGs), consider the high inrush currents. Check suitability of equipment prior to use and fit inrush current limiters if necessary. Observe the operating conditions on page T6.

\*HVAC channel for BLC relay switch insert 2912  
 Switching capacity of incandescent lamps: 800 W  
 Switching capacity of 230 V Halogen lamps: 750 W  
 Switching on delay: 3 min.  
 Switching off delay: approx. 2/10/30/60/120 min.

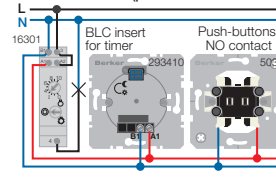
Technical data	BLC universal touch dimmer (R, L, C)	BLC touch dimmer (R, L)	BLC 1-10 V push-button control unit
Supply voltage	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz
Power consumption	0.7 W	-	1.8 W
Switching contact	-	1.2 W	Relay
Switching capacity			
- Incandescent lamps	50-420 W	-	700 W
- 230 V halogen lamps	50-420 W	20-500 W	700 W
- Conventional transformers at 85 % load	50-420 VA	20-500 W	-
- Trionic transformers	50-420 W	20-500 VA	type-dependent**
- Fluorescent lamps uncompensated	-	-	-
- parallel compensated	-	-	-
- Duo circuit	-	-	-
- Fluorescent lamps with electronic ballast	-	-	type-dependent
- Energy saving lamps	-	-	type-dependent
HVAC switching current	-	-	3,04 A
Maximum inrush current	-	-	15 A
Minimum load	50 W	-	-
Slide switch	see cover	20 W	see cover
Radio interference suppression	to EN 55015	see cover	to EN 55015
VDE mark	•	•	•
Index of protection	see cover	•	see cover
Operating temp. (obs. the cond. on page T7)	-20 to 25 °C	see cover	5 to 35 °C
Delay time	see cover	-20 to 25 °C	see cover
Response brightness	see cover	see cover	see cover
Response sensitivity	see cover	see cover	see cover
Recommended mounting height	1.1 or 2.2 m	see cover	1.1 or 2.2 m
Detection levels	see cover	see cover	see cover
Detection area limit	see cover	see cover	see cover
Range reduction	see cover	see cover	see cover
Fuse	electronic	T 2 H 250 V	10 A circuit breaker
Order no.:	2902	2904	2903

⚠ When connecting energy-saving bulbs and electronic ballasts (EVGs), consider the high inrush currents. Check suitability of equipment prior to use and fit inrush current limiters if necessary. Observe the operating conditions on Page T6.

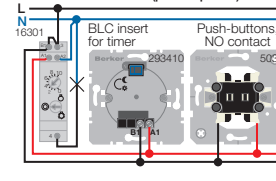
\*\* Trionic transformer with 1-10 V interface

**Stair light switching with BLC timer RMD for stairway light and BLC insert for timer**

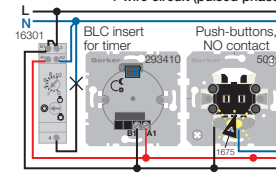
3-wire circuit (pulsed neutral conductor)



4-wire circuit (pulsed phase)



4-wire circuit (pulsed phase)



⚠ Control line length max. 100 m  
 Use only BLC controllers and presence detectors from release issue R3 onwards.  
 A slide switch of the BLC controller comfort has no function.  
 With BLC controller and BLC presence detector the delay time must be set to step operation.  
 When energy-saving lamps and electronic ballasts are connected note high switch-on currents. Check suitability of the devices before use and if necessary use making current limiter!

The BLC inserts for timer can only be used in conjunction with the BLC timer RMD for stairway light. BLC controller, BLC controller comfort, BLC presence detector or BLC button are required as covers.

The permitted number is shown in the following table:

BLC stair light trigger inserts	unilluminated push-buttons	illuminated push-buttons 0,4 mA	illuminated push-buttons 1 mA
16	any	25	10
12	any	37/50/62/75/87	15/20/25/30/35
10/8/6/4/2	any		

**Increasing the number of illuminated push-buttons**

With the above circuit (4-wire circuit, pulsed phase), the terminal of the neon lamp unit is connected to the neutral conductor.  
 (Remove contact lug on neon lamp unit) As a result, this push station is to be classified in the table as an unilluminated push-button.  
 With a 3-wire circuit variation (pulsed neutral conductor), the neon lamp unit terminal must be connected to the phase.  
 (Remove contact lug on neon lamp unit) As a result, this push station is to be classified in the table as an unilluminated push-button.

Technical data	BLC controller extension unit	BLC controller 1.1/2.2 m	BLC controller comfort 1.1/2.2 m	BLC controller 2.2 m	BLC controller comfort 2.2 m	Controller system cover 1.1/2.2 m	Controller system insert
Supply voltage	230 V~, 50/60 Hz	via insert	via insert	via insert	via insert	via insert	15 V=
Power consumption	-	see insert	see insert	see insert	see insert	see insert	0.06 W
Switching contact	see main station	see insert	see insert	see insert	see insert	see master device	see power supply unit
Switching capacity	-	-	-	-	-	-	-
-Incandescent lamps	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
-230 V halogen lamps	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
-Conventional transformers at 85% load	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
-Tronic transformers	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
-Fluorescent lamps uncompensated	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
parallel compensated	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
Duo circuit	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
-Fluorescent lamps with electronic ballast	-	-	-	-	-	-	-
Energy saving lamps	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
HVAC switching current	-	see insert	see insert	see insert	see insert	-	-
Maximum inrush current	-	see insert	see insert	see insert	see insert	see master device	-
Double-throw switch	-	-	-	-	Off/Auto/On	see master device	-
Radio interference suppression	to EN 55015	to EN 55015	to EN 55015	to EN 55015	to EN 55015	to EN 55015	to EN 55015
VDE mark	-	-	-	-	-	-	-
Index of protection	see cover	IP20 / IP44	IP20 / IP44	IP20	IP20	IP44	see power supply unit
Operating temperature	-20 to 45 °C	-20 to 45 °C	-20 to 45 °C	-15 to 45 °C	-15 to 45 °C	5 to 45 °C	5 to 45 °C
Microprocessor	-	-	-	-	-	-	-
Delay time	via master unit	2 min. (fixed)	0,5/10 s - 30 min	2 min. (fixed)	0,3/10 s - 30 min	see master unit	see power supply unit
Response brightness	via master unit	approx. 0 to 80/Lux	approx. 0 to 80/ Lux	approx. 0 to 80/ Lux	approx. 0 to 80/ Lux	at master unit/insert	see power supply unit
Response sensitivity	see cover	approx. 20 to 100 %	approx. 20 to 100 %	100 %	approx. 20 to 100 %	approx. 20 to 100%	on system cover
Recommended mounting height	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m
Detection levels	see cover	2 or 3	2 or 3	6	6	2	see system cover
Detection area limit	see cover	90° by cover	90° by cover	sensor cutoff	sensor cutoff	90° by cover	on system cover
Range reduction	see cover	potentiometer stepless	potentiometer stepless	-	25/50/75/100 %	potentiometer stepless	see system cover
Fuse	T 1.6 H 250 V	via insert	via insert	via insert	via insert	-	-
Order no.	2908	1783 .. / 1786 ..	1784 .. / 1787 ..	1788 ..	1789 ..	1715 .. / 1718 ..	2939

**i** Further technical information at [www.berker.com](http://www.berker.com)

**⚠ BLC controller IP44 for mounting height 1.1 m**  
Direct sunlight penetrating the upward-facing detection plane will result in failure of the movement controller. Only suitable for interior applications!

**BLC controller IP44 for mounting height 2.2 m**  
Ensure no direct sunlight can fall on the upper detection plane. Also suitable for exterior applications!



**Mounting instructions**

**optimal**  
The detection beams are optimally cut.

**not optimal**  
The detection beams are not optimally cut. The range is reduced.

**wrong**  
The detection beams are not cut. The controller detects the object too late.

**wrong**  
There should be no sources of interference, e.g. lamps, heaters or fans in the detection field: Select suitable installation location and/or use push-on cover. Problems with sources of interference can generally be solved with the teachable digital BLC controller comfort.

**BLC controller 1.1 m**

**Side view**  
Detection area  
Mounting height: 1.1 m.

**View from above**  
Mounting height: 1.1 m.

**BLC controller 2.2 m**

**Side view**  
Mounting height: 2.2 m.

**View from above**  
Mounting height: 2.2 m.

**System cover 1.1 m**

**Side view**  
Mounting height: 1.1 m.

**View from above**  
Mounting height: 1.1 m.

**BLC controller 2.2 m**

**Side view**  
Mounting height: 1.1 m.

**Side view**  
Mounting height: 2.2 m.

**View from above**  
Mounting height: 2.2 m.

**System cover 1.1 m**

**Side view**  
Mounting height: 2.2 m.

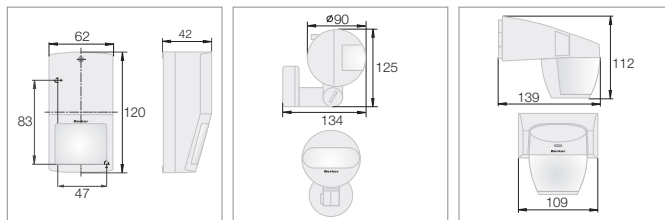
**View from above**  
Mounting height: 2.2 m.

Technical data	Controller 70	Automatic controller plus 110	Berker control
Supply voltage	230 V~, 50/60 Hz	230 V~, 50 Hz	230 V~, 50/60 Hz
Power consumption	approx. 1.1 W	approx. 1.3 W	approx. 1.1 W
Switching contact	Relay	Relay	Relay
Switching capacity incandescent lamps	1000 W	2300 W	2300 W
230 V halogen lamps	1000 W	1000 W	2300 W
Tronic transformers	750 W	1200 W	1200 W
Conv. transformers at 85 % load	750 VA	1200 VA	1200 VA
Fluorescent lamps uncompensated	500 VA	1200 VA	1200 VA
parallel compensated	400 VA	920 VA	920 VA
Duo circuit	1000 VA	2300 VA	2300 VA
Fluorescent lamps with electronic ballast	see inrush current limiter T37	see inrush current limiter T37	see inrush current limiter T37
Energy saving lamps	limiter T37	limiter T37	limiter T37
Maximum inrush current	15 A	20 A	20 A
RFI suppressed	to EN 55015	to EN 55015	to EN 55015
VDE mark	Yes	Yes	Yes
Index of protection	IP55	IP54	IP55
Operating temperature	-25 to 55 °C	-35 to 50 °C	-20 to 55 °C
Delay time	10 sec. to 5 min.	12 sec. to 12 min.	2 sec. to 30 min.
Bell pulse	No	No	Yes 0.5 sec.
Forced cut-out after 90 min.	-	-	Yes
Activation brightness approx.	3 to 80 / lx	5 to 300 / lx	1 to 1000 / lx
Response sensitivity	-	-	20 to 100%
Recommended mounting height	2.4 m	2.5 m	2.4 m
Close-up range approx.	0.5 to 4 m	0.5 to 1 m	0 to 3 m
Mid range approx.	4 to 6 m	1 to 5 m	3 to 7 m / 7 to 11 m
Remote range approx.	6 to 8 m	5 to 16 m	11 to 16 m
Crawl-under protection	-	-	-0.4 to 0
Detection area limit	3-stage adjustable sticker	Mask and cover plates	Cover elements
Range reduction	-	by tilt	Tilt with reduction in sensitivity
System sensor cable	-	-	Yes
Number of system sensors	-	-	-
Improved approach response	Yes	-	Yes
Additional function due to push-button (NCC) in lead: push-button =	Press 1x = Delay time	Press 1x = Delay time	Press 1x = Delay time 2x=4hrs on, 3x=4hrs off, 4x=fast
Order no. (polar white)	1439909	10209	190

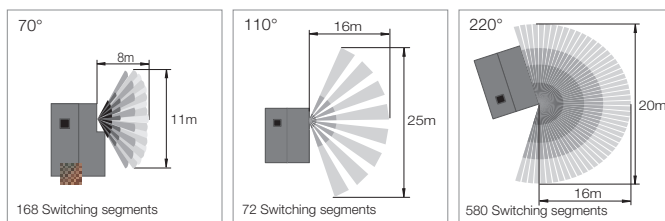
**⚠** When connecting energy-saving bulbs and electronic ballasts (EVGs), consider the high inrush currents. Check suitability of equipment prior to use and fit inrush current limiters if necessary. Ensure that there are no interference sources, e.g. lamps or heaters, in the detection range.



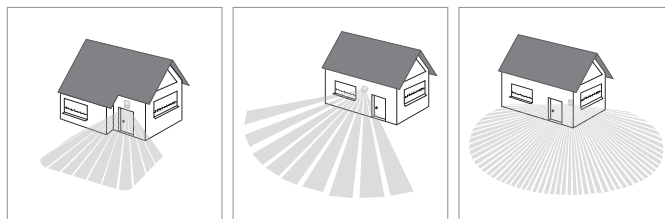
**Dimensional drawing**



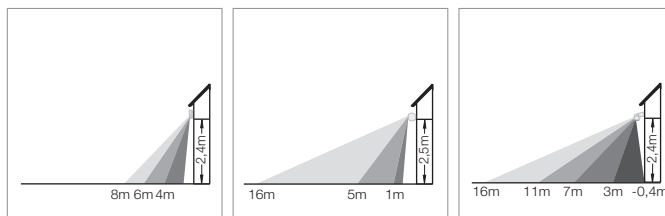
**Top view of detection range**



**Side front view of detection range**



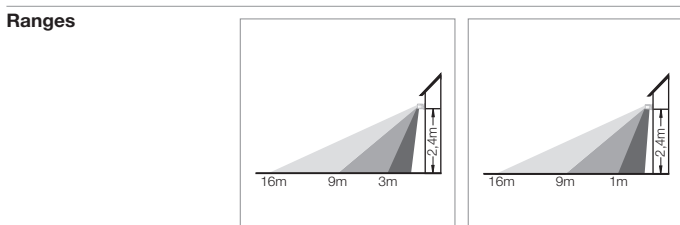
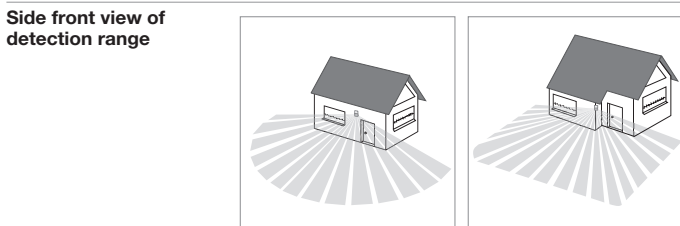
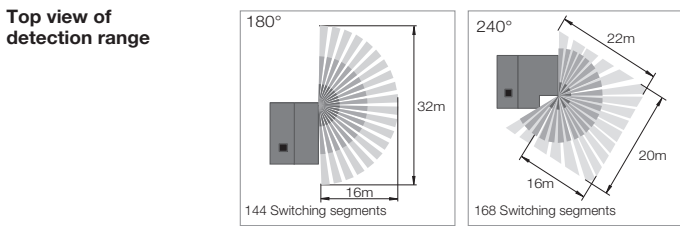
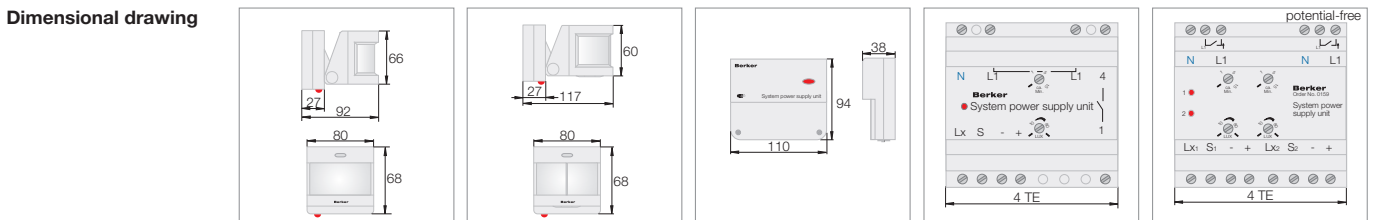
**Ranges**





Technical data	System controller 180° surface-mounted	System controller 240° surface-mounted	System controller power unit surface-mounted	System controller power unit 1-channel RMD	System controller power unit 2-channel RMD
Supply voltage	15 V=	15 V=	230 V~, 50 Hz	230 V~, 50 Hz	230 V~, 50 Hz
Power consumption	approx. 0.06 W	approx. 0.06 W	approx. 1.1 W	approx. 1.1 W	approx. 1.1 W
Switching contact	see system power pack	see system power pack	Relay	Potential-free relay	2relays, 1x pot.-free (right)
Switch. capacity incandesc. lamps	see system power pack	see system power pack	2300 W	2300 W	2300 W
230 V halogen lamps	see system power pack	see system power pack	2300 W	2300 W	2300 W
Tronic transformers	see system power pack	see system power pack	1200 W	1200 W	1200 W
Conv. transformers at 85 % load	see system power pack	see system power pack	1200 VA	1200 VA	1200 VA
Fluorescent lamps uncompensated	see system power pack	see system power pack	1200 VA	1200 VA	1200 VA
parallel compensated	see system power pack	see system power pack	920 VA	920 VA	920 VA
Duo circuit	see system power pack	see system power pack	2300 VA	2300 VA	2300 VA
Fluoresc. lamps with elec. ballast	see system power pack	see system power pack	see inrush current limiter	see inrush current limiter	see inrush current limiter
Energy saving lamps	see system power pack	see system power pack	see system power pack	see system power pack	see system power pack
Maximum inrush current	see system power pack	see system power pack	20 A	20 A	20 A
RFI suppressed	to EN 50015	to EN 50015	to EN 50015	to EN 50015	to EN 50015
VDE mark	Yes	Yes	Yes	Yes	Yes
Index of protection	IP55	IP55	IP55	IP20	IP20
Operating temperature	-25 to 55 °C	-25 to 55 °C	-25 to 55 °C	-25 to 55 °C	-25 to 55 °C
Delay time	see system power pack	see system power pack	4 sec. to 15 min.	4 sec. to 15 min.	4 sec. to 15 min.
Bell pulse	-	-	-	-	-
Forced cut-out > 90 min.	see system power pack	see system power pack	Yes	Yes	Yes
Activation brightness approx.	see system power pack	see system power pack	3...80 lx/daytime operation	3...80 lx/daytime operation	3...80 lx/daytime operation
Response sensitivity	-	20 to 100%	-	-	-
Recommended mounting height	2.4 m	2.4 m	-	-	-
Close-up range approx.	0.5 m to 3 m	0.1 m to 1 m	-	-	-
Mid range approx.	3 m to 9 m	1 m to 9 m	-	-	-
Remote range approx.	9 m to 16 m	9 m to 16 m	-	-	-
Crawl-under protection	-	Yes	-	-	-
Detection area limit	-	Hood	-	-	-
Range reduction	By tilting	Tilt with reduction in sensitivity	-	-	-
System sensor cable	-	-	J-Y(ST)Y 2 x 2 x 0.8 or YR 4 x 0.8	-	-
Number of system sensors	-	-	max. 8	max. 8	max. 8 VA per channel
Improved approach response	-	-	-	-	-
Addit. function by push-button (NC) in lead: push-button =	-	-	1x press = Delay time	1x press = Delay time	1x press = Delay time
Order no. (polar white)	151 09	152 09	150 29	155	159

**!** When connecting energy-saving bulbs and electronic ballasts (EVGs), consider the high inrush currents. Check suitability of equipment prior to use and fit inrush current limiters if necessary. Ensure that there are no interference sources, e.g. lamps or heaters, in the detection range.



**Controller mounting**

**optimal**  
The detection beams are optimally cut.

**not optimal**  
The detection beams are not optimally cut. The range is reduced.

**wrong**  
The detection beams are not cut. The controller detects the object too late.

**wrong**  
There should be no sources of interference, e.g. lamps, heaters or fans in the detection field: Select suitable installation location resp. use push-on cover or the learning digital Controller Berker Control 220° surface-mounted.

Problems with sources of interference can generally be solved with the teachable digital Controller Berker Control 220° surface-mounted comfort.

**Controller Berker Control 220° surface-mounted stands for:**

- digital, microprocessor-controlled operation
- digital detection signal evaluation
- digital interference signal suppression
- response sensitivity adjustable
- 4 monitoring planes
- detection angle 220°
- crawl-under protection
- range 16 m
- 145 sectors with over 580 switching segments
- non-weather-dependent range consistency
- activation brightness from 1 Lux - daytime operation adjustable
- glare-proof (e.g. against torches)
- delay time 2 sec. - 30 min. adjustable
- short-time service 0.5 sec. with immunity time setting
- additional functions, controller operation/4 hrs. On/4 hrs. Off/Test
- with LED detection and mode indicator
- limit cut-out
- intelligent load linking
- for wall and ceiling installation
- cable entry from all sides
- vertical and horizontal tilting

**Operating principle**

The Controller Berker Control 220° surface-mounted responds to heat movement, such as that triggered by people or motor vehicles. The digital processing of movement signals in the integrated processor means interference is largely suppressed. It activates when consumers, such as lights, are detected. The unit remains on as long as movements are detected, otherwise the Controller Berker Control 220° surface-mounted switches off at the end of the preset delay time.

A short-time service of 0.5 sec. can additionally be set. This makes it possible to operate acoustic signal generators to monitor an entrance door (bell/gong) and lock it for a programmable immunity time of 1 sec. - 10 min. until the next movement. The visual indicator signals the response of the unit.

With the adjustable twilight switch you activate the switching function only as from a desired activation brightness, or you programme daytime operation.

The optical alignment of the sensor head allows you to adapt the unit to specific on-site conditions. Any heat sources triggering unwanted activation can be suppressed by means of the adjustable sensitivity and the self-adhesive masking elements.

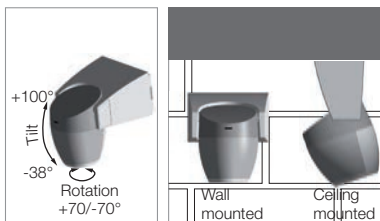
The Berker control offers a high degree of protection against ambient light. As the ambient brightness increases, the motion detection only ceases to be evaluated when the preset brightness value has been exceeded for at least 10 minutes. This excludes the possibility of tampering, such as shining a torch on to the controller to prevent it from activating.

As the ambient brightness slowly decreases, motion detection is only evaluated when the brightness level has been below the preset activation brightness for at least 2 minutes. This prevents the controller from responding to merely short-time periods of sub-minimum brightness (such as due to a cloud).

**Mounting instructions**

The flexible housing construction of the Controller Berker Control 220° surface-mounted makes it suitable both for wall and ceiling installation.

To adapt the detection angle to on-site conditions, the sensor head can be inclined and rotated.

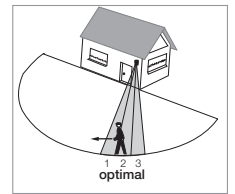


Mount the Controller Berker Control 220° surface-mounted free of vibration, because sensor movements, such as those caused by mounting on a tree, may also trigger the switch.

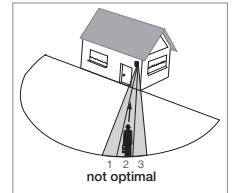


**Mount laterally across the direction of movement**

If a person moves laterally across the Controller Berker Control 220° surface-mounted, switching segment 2 senses a negative jump in temperature (e.g. from 20 °C to 18 °C) and switching segment 1 senses a positive jump in temperature (e.g. from 18 °C to 20 °C). This means effective detection and stable ranging.

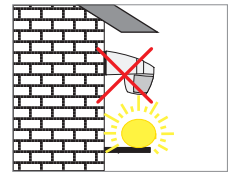


If a person moves directly towards the Controller Berker Control 220° surface-mounted the temperature remains virtually constant in switching segment 2. There may perhaps be no detection. The person must approach the Controller Berker Control 220° surface-mounted more closely to be 'detected'.

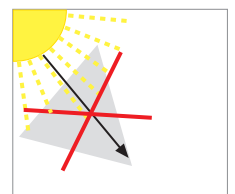


**Mounting instructions**

Do not mount the Controller Berker Control 220° surface-mounted directly above/next to a light. As the light cools it may be detected as a change of heat and lead to reactivation. If necessary, limit the detection range of the sensor with the masking elements supplied.



When mounting the Controller Berker Control 220° surface-mounted make sure the controller lens is not pointing towards the sun (sensor may be damaged). In a horizontal position the detection beams may point directly at the sun (see illustration). It is therefore advisable to protect the sensor head against exposure to direct sunlight prior to mounting it on the terminating outlet.



**Detection field**

The Controller Berker Control 220° surface-mounted has a very dense, horseshoe shaped detection angle of 220, comprising 4 planes with over 145 sectors and 580 switching segments, as well as additional crawl-under protection.

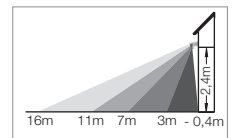
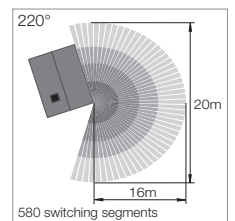
Extent of the detection field:

16 x 20 m see diagram

The 4 monitoring planes are defined as follows:

- 1<sup>st</sup> plane from 0 m to approx. 3.0 m
- 2<sup>nd</sup> plane from approx. 3.0 m to approx. 7.0 m
- 3<sup>rd</sup> plane from approx. 7.0 m to approx. 11 m
- 4<sup>th</sup> plane from approx. 11 m to approx. 16 m

Crawl-under protection approx. -0.4 m to 0 m  
The ranges relate to the recommended mounting height of 2.4 m, sensor head aligned horizontally, direction of movement laterally across the Controller Berker Control 220° surface-mounted, sufficient temperature difference between moving body and surroundings on level ground.



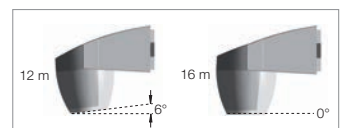
The range is reduced by:

- rising ground
- inclined sensor head
- mounting height less than 2.4 m
- low temperature difference

The range is increased by:

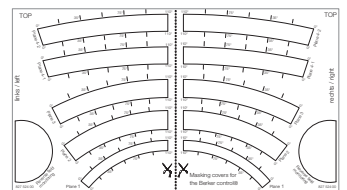
- falling ground
- sensor head pointing upwards
- mounting height more than 2.4 m
- high temperature difference

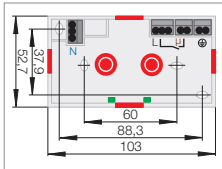
If the sensor head is aligned at about 6° tilt for example (the upper edge of the housing forming a continuous line with the bottom edge of the sensor), the range will be reduced to approx. 12 m.



The masking elements supplied can be used to eliminate sources of interference by limiting the detection angle.

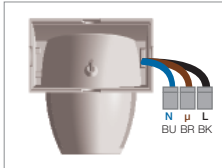
To do so, cut the masking elements as required to the size of the individual detection planes or to the desired angle. Then detach the masking elements from the backing sheet and affix them smoothly to the sensor window.





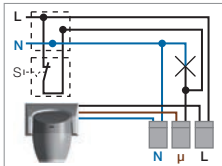
### Terminating outlet

The terminating outlet of the Controller Berker Control 220° surface-mounted is fitted with 6 cable glands, for custom cable entries from above, below, left, right and rear.  
Before installing the terminating outlet, open up the two condensate drains at the bottom (do not do this if installing in dusty rooms).

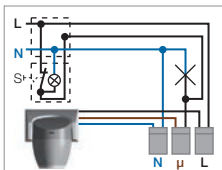


### Electrical connections

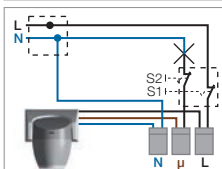
Connections executed as plug-in terminals.  
(BK) black: L (phase)  
(BU) blue: N (neutral conductor)  
(BR) brown: μ (relay, lamp cable)  
Note: When using energy saving lamps, consider high inrush currents. If necessary use inrush current limiter order no. 185.



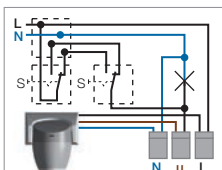
**Controller operation/CONTINUOUSLY ON**  
The "S" switch allows changeovers between controller operation and CONTINUOUSLY ON.



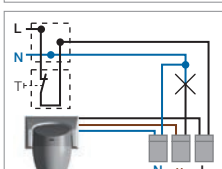
**Controller operation (monitoring)/CONTINUOUSLY ON**  
The "S" switch allows changeovers between controller operation and CONTINUOUSLY ON. When the Controller Berker Control 220° surface-mounted is switched on and CONTINUOUSLY ON is set, the neon lamp unit lights up.



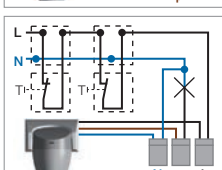
**Switch off**  
Using "S1" or "S2" switch.  
When switching back on, "S1" activates a switching operation of the Controller Berker Control 220° surface-mounted for the preset delay time. "S2" does not do this, as only the load is switched on or off.



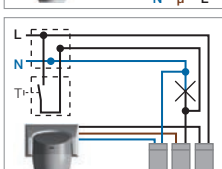
**Controller operation/CONTINUOUSLY ON changeover switching**  
The "S" switch allows changing over between controller operation and CONTINUOUSLY ON.



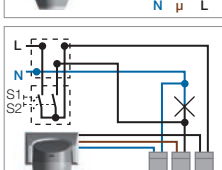
**With push-button (NC)**  
Existing switches can be replaced by a push-button "T". Pressing the push-button once for min. 1 sec. activates a non-brightness-dependent switching operation for the preset delay time. Pressing repeatedly = additional functions.



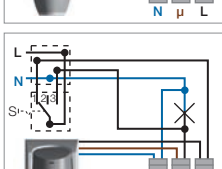
**Changeover switching**  
Existing changeover switches can be replaced by push-button "T" (NO). Pressing the push-button once for min. 1 sec. activates a non-brightness-dependent switching operation for the set delay time. Pressing repeatedly = additional functions.



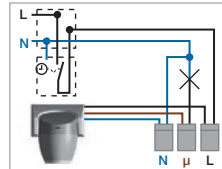
**With push-button (NO)**  
Pressing push-button "T" (NO) once for min. 0.5 sec. activates a non-brightness-dependent switching operation for the preset delay time.



**Auto/manual operation with series switch**  
S1 open, S2 open: all off.  
S1 closed, S2 closed: CONTINUOUSLY ON  
S1 closed S2 open: controller operation

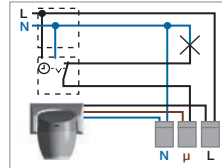


**Auto manual mode with 3-step switch**  
1 Controller operation  
2 All Off  
3 CONTINUOUS ON



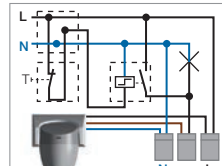
### Switch-on by timer

Timer programmed switch-on of the controller.  
For timer programmed switch-on of the Controller Berker Control 220° surface-mounted a non-brightness-dependent switching operation is executed for the preset delay time.

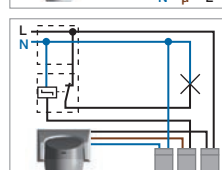


### Switch-on by timer

Timer programmed activation and shutdown of the Controller Berker Control 220° surface-mounted. No switching operation of the Controller Berker Control 220° surface-mounted is performed, because only the load is switched on or off.

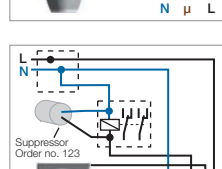


**Parallel circuit with automatic staircase lighting switch or remote control switch**  
Lighting is switched by automatic units or Controller Berker Control 220° surface-mounted.



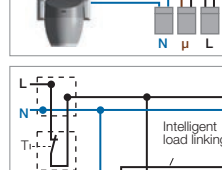
### Operation of timer or flash relay

Extension of delay time or operation of a clock relay (e.g. for flash circuit).



### Operation of a relay or contact maker

For potential-free NO and NC contacts and to increase switching capacity.



### Connection of multiple Controller Berker Control 220° surface-mounted - "with intelligent load linking"

Caution: All parallel connected Controller Berker Control 220° surface-mounted must run on the same phase. Parallel connection does not increase the max. connected load. The built-in microprocessor in conjunction with a voltmeter on the load cable means

that all parallel connected Controller Berker Control 220° surface-mounted detect the switching on of a light. As long as a movement is detected by a Controller Berker Control 220° surface-mounted, the lighting remains on. The delay time is restarted every time a movement is detected in the relevant Controller Berker Control 220° surface-mounted. It expires only when no more movement is detected. The delay time is determined by the Controller Berker Control 220° surface-mounted with the longest remaining time. This makes it possible to construct a controller system comprising units with equal rights, with no mutual interference.

### Additional functions

The Controller Berker Control 220° surface-mounted permits 4 different operating modes, using push-button (NC) in the lead cable:

- Press 1x: non-brightness-dependent switch-on for the preset delay time, then brightness-dependent controller operation.
- Press 2x: the Controller Berker Control 220° surface-mounted switches on for 4 hours, then brightness-dependent controller operation.
- Press 3x: the Controller Berker Control 220° surface-mounted switches off for 4 hours, then brightness-dependent controller operation.
- Press 4x: test mode: brightness evaluation is disabled. The Berker control unit switches on for approx. 3 seconds when a movement is detected.

### Limit cut-out

Once the Controller Berker Control 220° surface-mounted has switched on, the brightness is no longer evaluated. To prevent the lighting from remaining on when there is continuous movement in the detection range (e.g. after dawn), the unit is fitted with a limit cut-out. The delay time (time in which the light remains on after no more movement is detected) is shortened depending on the overall on time.

On time	Delay time
Up to 60 min.	Set time
Up to 70 min.	4 minutes
Up to 75 min.	2 minutes
Up to 80 min.	1 min.
Up to 85 min.	30 sec.
Up to 90 min.	15 sec.
90 min.	cut-out

The Controller Berker Control 220° surface-mounted thus cuts out after 90 minutes at the latest, even if there is continuous movement in the detection field. It is switched back on if the brightness falls below the preset value and there is movement.

**Operating principle**

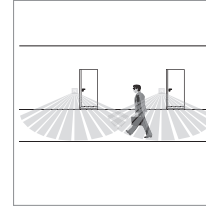
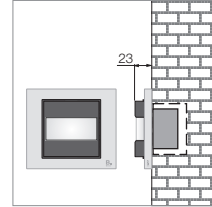
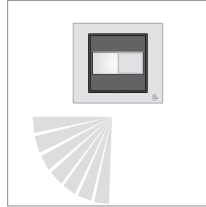
Controllers respond to heat movement in the infrared light band. It is in this range that the human body radiates heat. Lamps such as incandescent and halogen lamps etc. also emit considerable amounts of heat in this range too, however. As a result, the heat movement of people, animals or light sources can trip the controller, which then switches on consumers such as lighting. The unit remains on as long as movements are detected, otherwise the controller switches off at the end of the pre-set delay time. To prevent lights installed within the detection range tripping the controller, the controller response is delayed by 3 seconds.

**Important planning criteria for controller installation**

The mounting height of the controller as set out in the tables should be complied with, as failure to do so will result in restricted range or excessive range. At the recommended mounting height the detection height can be adjusted, depending on the controller, by means of tilting and locking and using the hoods, covers, masks and adhesive labels supplied, thereby avoiding unwanted switching. The ranges of the controllers/system controllers may vary due to the effects of weather conditions (fog, rain, snow). Where there is little temperature difference between the object being detected and the ambient temperature, range restrictions may occur.

**BLC controller 180**

- BLC controller 1.1 m and 2.2 m
  - BLC controller comfort 1.1 m and 2.2 m with slide switch for off/automatic/on
  - System controller 180° and 240° surface-mounted
- Limitation of detection range to only 90° with masking element or by different mounting height (for controller 2.2 m)

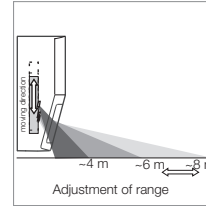
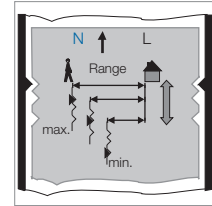


**Extension units**

When using BLC extension units for motion detector, a generous overlap between the detection ranges should be allowed in order to ensure detection.

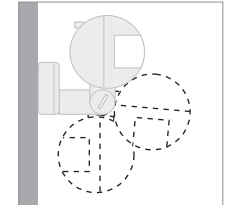
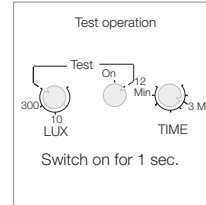
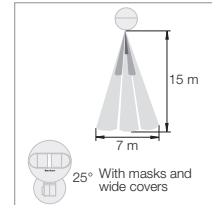
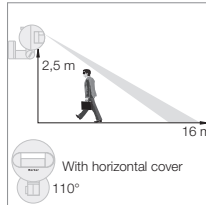
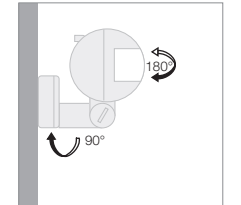
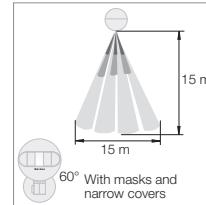
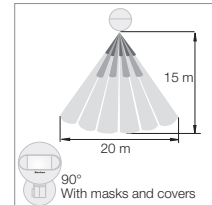
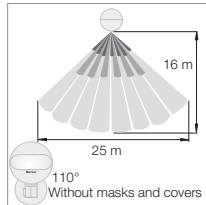
**Controller surface-mounted**

Controller 70° surface-mounted  
Limitation of detection range by locked settings for ranges 4, 6 or 8 m.



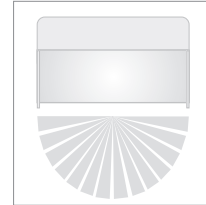
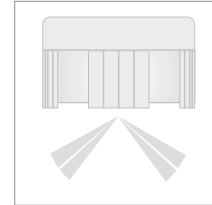
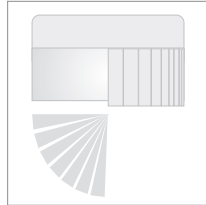
**Automatic Controller Plus 110° surface-mounted**

Limitation of detection range with masks and covers, also by tilting and rotating.



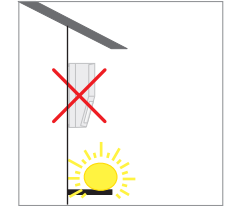
**System controller 180° and 240° surface-mounted**

Limitation of detection range as desired with hood, also by tilting and rotating.  
If the System controller 240° surface-mounted is tilted, the detection angle should be reduced to 180°, otherwise excessive lateral range will occur.



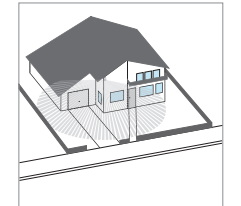
**Lamps within the detection range**

The lamp being switched must not be placed in the immediate vicinity of or underneath the controller, because the radiated heat can cause unwanted switching. There should be adequate distance between the light and the controller.



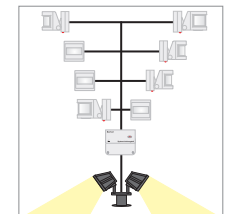
**Optimum mounting location**

For optimum detection and range for movement, Berker controllers should be installed laterally to the direction of walking. The controller's detection beams are then crossed laterally. When using multiple controllers and/or extension units, the detection ranges of the individual controllers should overlap, in order to ensure optimum monitoring. If the controller is placed such that the person being detected approaches the unit only frontally, range restriction is to be expected. For this a controller with enhanced approach response (controller 70° surface-mounted, Controller Berker Control 220° surface-mounted) should be configured.



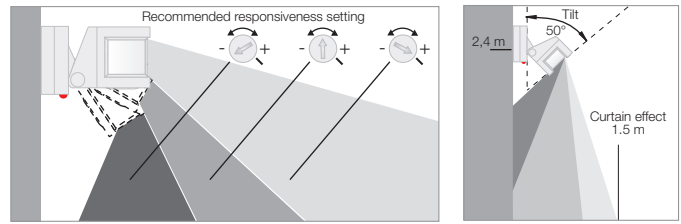
**Detection for large areas**

For detection in larger areas (squares, long corridors etc.) in which the detection angle of an individual controller is not sufficient, controllers with extension units, a controller system, networked Controllers Berker Control 220° surface-mounted or radio controllers should be deployed, with the detection ranges of the individual devices overlapping. Parallel connection of controllers is not advisable, because it may cause so-called reciprocal action (switching back on again after a short cut-out of approx. 3 sec).



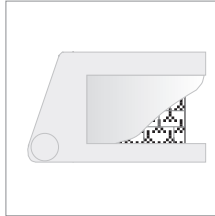
**Curtaining effect and range optimization**

By tilting the controller downwards its range can be steplessly adjusted. Detection then occurs only in the close-up range. When using the controller system sensor 240, detection can be further optimized by reducing the sensitivity.



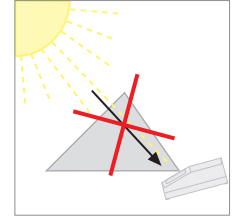
**Installation location**

The controller should be protected against direct rainfall, because rain drops on the lens may cause unwanted switching. A special protective screen in front of the controller protects it against the effects of thermal influence.



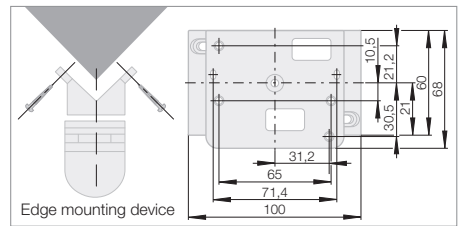
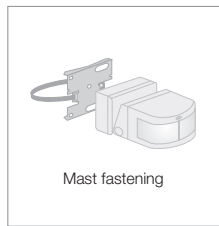
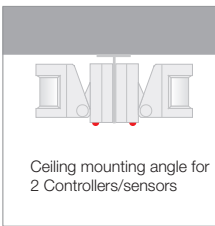
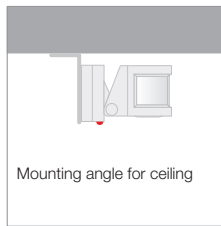
**During installation**

When installing the controller, it should be ensured that the lens is not exposed to direct sunlight (otherwise the sensor may be damaged). In a horizontal position the detection beams may point directly at the sun (see illustration). It is therefore advisable to keep the sensor head away from sunlight until it is mounted on the housing body.



**Accessories**

Use of the mounting accessories allows the controllers to be fixed at difficult locations, such as on ceilings or masts, or in corners.



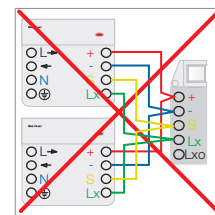
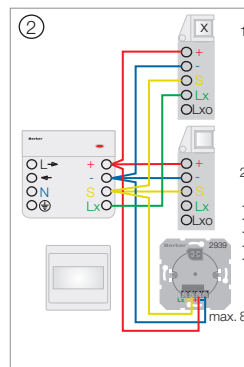
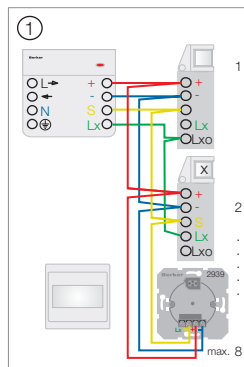
**Controller system**

The controller system can be used wherever multiple controllers are used to switch the same load. The controller system is installed as described below.

**Connection:**

**Important!**

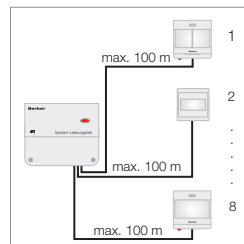
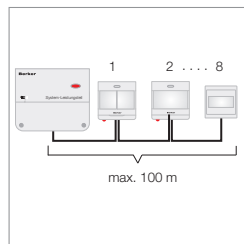
Each controller system sensor has a brightness sensor, but only one brightness sensor may be connected within a system, i.e. the "Lx" terminal is assigned to only one controller system sensor. Only this controller system sensor measures the brightness and forwards this value to the controller system power section for evaluation. In figures 1 and 2 the controller system sensor with the active brightness sensor is identified by an "X".



Connection of multiple controller system powerpacks to a single controller system sensor cable is not permissible, malfunctions will result. To increase the connected load use a contact maker.

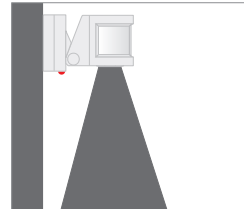
**Cabling**

Connection in parallel as per Figure 1 or in star configuration as per Figure 2. Mixed forms are also permissible. Communication lines are recommended for connection of the controller system sensors, e.g. JY-ST-Y 2x2x0.8 or YR 4x0.8



**Diagnosis LED**

To enable the controller system to be tested accurately, the controller system sensors are fitted with a testing and diagnosis LED. This LED lights up in response to every movement, regardless of brightness. This enables the functioning to be checked and the detection range adjusted without switching on the load.



**Connecting terminals:**

- +,- : Power supply 15V=.
- S : Switch signal
- Lx : Brightness signal
- Lxo : Unconnected terminal, which can be used to loop-through the Lx signal.

**Crawl-under protection**

The controller system sensor 240 has separate crawl-under protection. This means that movements underneath the controller system sensor are also detected, right up to the house wall. This results in an even higher degree of security.

**Limit switch-off**

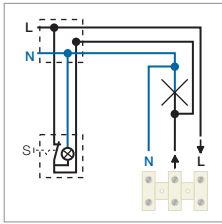
If the controller system power pack is switched on, the response brightness is no longer evaluated. However, so that even when there is constant motion in the detection area (e.g. after dawn) the lighting does not remain switched on unnecessarily, the controller system power pack is equipped with a limit switch-off. The delay time (time in which the light still remains switched on after no more motion is detected) is automatically shortened depending on the entire on-time. The controller system power pack thus switches off (even if there is constant movement in the detection area of the controller system sensors), at the latest after 90 minutes. It switches on again when the brightness drops below the set response brightness and there is motion in the detection area.

total on-time	shortening of the delay time setting
up to 60 min.	4 minutes
up to 70 min.	2 minutes
up to 75 min.	1 min.
up to 80 min.	30 sec.
up to 85 min.	15 sec.
up to 90 min.	Switch-off

**Connection diagrams**

Controllers/System controller power unit 230 V

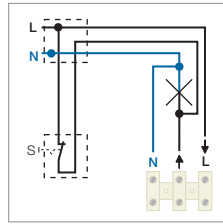
By combining controllers/controller systems with push-buttons or switches, different switching variants can be implemented.



**Controller (control) / CONTINUOUSLY ON**

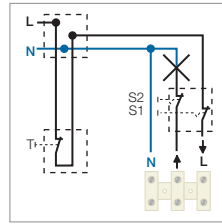
The "S" switch allows changing over between controller operation and CONTINUOUSLY ON.

When the controller is switched on and CONTINUOUSLY ON is set, the neon lamp unit is lit.



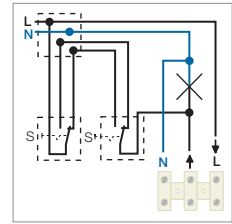
**Controller / CONTINUOUSLY ON**

The "S" switch allows changing over between controller operation and CONTINUOUSLY ON.



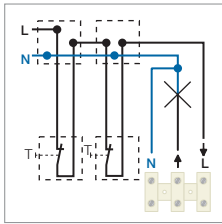
**Switch off**

Using "S1" or "S2" switch. When switching back on, "S1" activates a switching operation of the controller for the preset delay time. "S2" does not, as only the load is switched on or off.



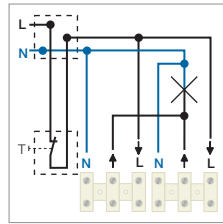
**Controller / CONTINUOUSLY ON changeover switching**

The "S" switch allows changing over between controller operation and CONTINUOUSLY ON.



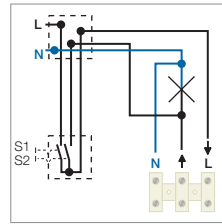
**Changeover switching**

Existing changeover switches can be replaced by push-button "T" (NCC). Pressing the "T" (NCC) push-button once for min. 1 sec. activates a non-brightness-dependent switching operation for the set delay time.



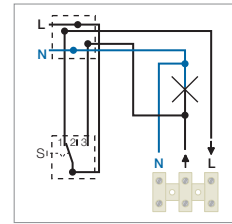
**Multiple controllers / controller systems on one consumer**

Pressing the push-button "T" NCC for min. 1 sec. activates a non-brightness-dependent switching operation for the set delay time.



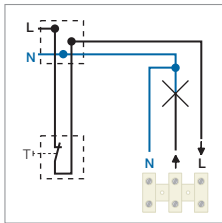
**Auto/manual operation with series switch**

S1 open, S2 open: all off.  
S1 closed, S2 closed: CONTINUOUSLY ON  
S1 closed S2 open: controller operation.



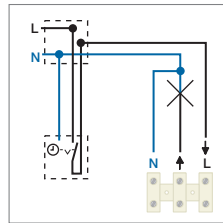
**Auto manual mode with 3-step switch**

- 1 Controller operation
- 2 All Off
- 3 CONTINUOUS ON



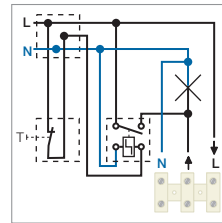
**With push-button (NCC)**

Pressing the "T" push-button NCC for min. 1 sec. activates a non-brightness-dependent switching operation for the preset delay time.



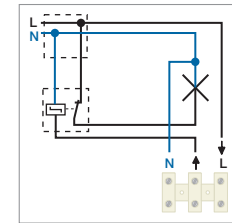
**Switch-on by timer**

Timer programmed switch-on of the controller.



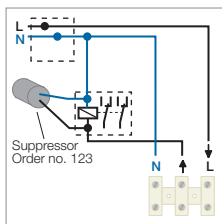
**Parallel circuit with automatic staircase lighting switch or remote control switch**

Lighting is switched by automatic units or controller / controller system.



**Operation of timer or flash relay**

Extension of the delay time or operation of a clock relay (e.g. for flash circuit).



**Operation of a relay or contact maker**

For potential-free NOC and NC and to increase switching capacity.

**1-10 V Control units**

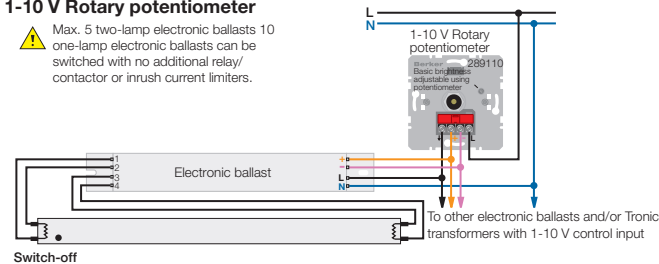
Increasingly in lighting engineering, electronic ballasts and Tronic transformers fitted with a 1-10 V interface are being deployed to operate lighting (such as fluorescent lamps, 12V halogen lamps). If multiple devices are connected using a single control wire with 1-10 V control inputs, the 1-10 V Rotary potentiometer can be used to adjust the brightness from a remote location. The push-button control unit 1-10 V built-in and the BLC can be used to adjust the lighting to individual needs from different points. In this way, extensive and complex light systems can be implemented.

The control units 1-10 V (1-10 V Rotary potentiometer, 1-10 V Push-button rotary potentiometer and 1-10 V Push-button control unit built-in) from Berker are used to switch the electronic ballast mains voltage on and off as well as for problem-free adjustment of the control voltage at the 1-10 V interface of the devices.

The 1-10 V Rotary potentiometer is covered by a centre plate with regulator knob and frame, in keeping with the familiar dimmer design.

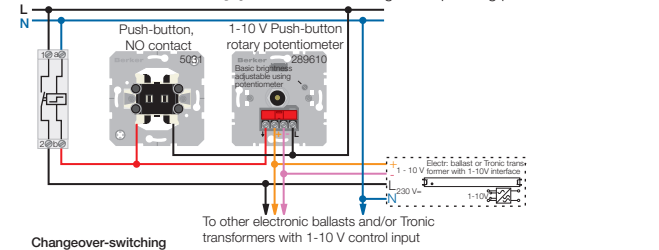
**1-10 V Rotary potentiometer**

Max. 5 two-lamp electronic ballasts 10 one-lamp electronic ballasts can be switched with no additional relay/contactor or inrush current limiters.



Technical data		1-10 V Rotary potentiometer order no. 289110
Max. control voltage $U_{ST}$ max.		12 V
Min. control voltage $U_{ST}$ min.		0.7 V
Max. control current $I_{ST}$		50 mA
Max. switching capacity of mains switch		1380 VA or 6 A at 230/240 V~, 50/60 Hz
Fine-wire fuse		F 500 H 250
Operating temperature		5 to 35 °C
Terminals		Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

**1-10 V Push-button rotary potentiometer** e.g. two operating points



Technical data		1-10 V Push-button rotary potentiometer order no. 289610
Max. control voltage $U_{ST}$ max.		12 V
Min. control voltage $U_{ST}$ min.		0.7 V
Max. control current $I_{ST}$		50 mA
Max. switching capacity of mains switch		1380 VA or 6 A at 230/240 V~, 50/60 Hz
Fine-wire fuse		F 500 H 250
Operating temperature		5 to 35 °C
Terminals		Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

**Example:**

The total of electronic ballast control currents with the 1-10 V Rotary potentiometer may be max. 50 mA, and the sum total of electronic ballast load currents (consider the inrush current) may be max. 6 A. Follow the ballast and lighting manufacturers' specifications regarding the control and load currents (with inrush currents).

Typical: Osram electronic ballast 2 x 58 W, control current  $I_{ST} = 6$  mA, Load current  $I_L = 0.55$  A per electronic ballast. 83 electronic ballasts are connected  $I_{ST} = 83 \times 0.6$  mA = approx. 50 mA;  $I_L = 83 \times 0.55$  A = 45,7 A

**Result:**

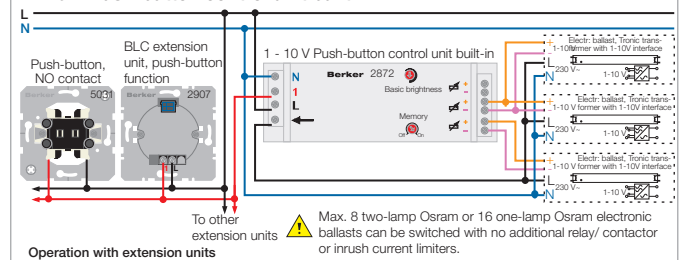
The control contact is fully loaded.

Since electronic ballasts have an electrolytic capacitor in their input circuit, high inrush currents are to be expected. If the permissible number of ballasts is exceeded (see table), a contactor must be used to switch them, or an inrush current limiter, order no. 185 must be connected in series upstream of the respective ballast.

Maximum number of electronic ballasts that can be switched without additional fittings. 1-10 V Rotary potentiometer: 5 two-lamp or 10 one-lamp Osram electronic ballasts 15 two-lamp or 30 one-lamp electronic ballasts Insta 42 W, 13 Berker Tronic- transformer 20-105 W

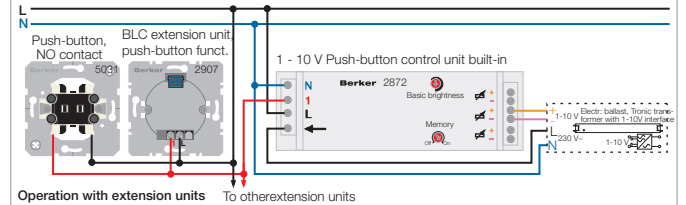
1-10 V Push-button control unit built-in: 5 two-lamp or 10 one-lamp electronic ballasts Insta 42 W

**1-10 V Push-button control unit built-in**

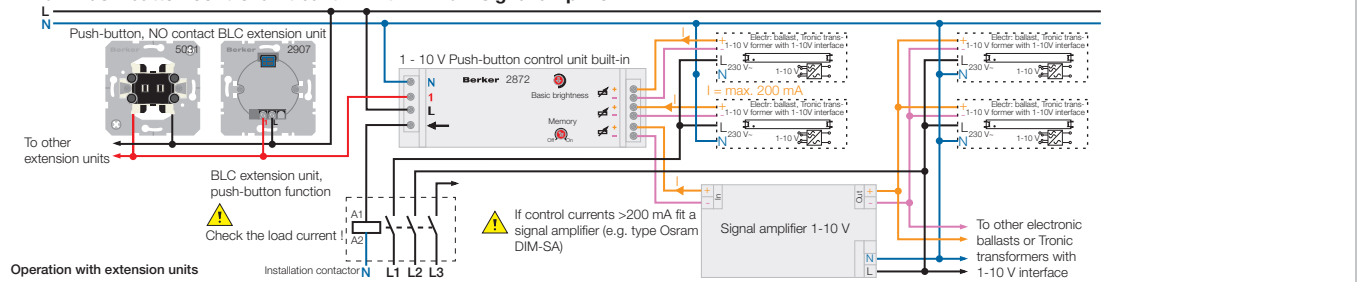


Technical data		1-10 V Push-button control unit built-in Order no. 2872
Nominal voltage		230 V~, 50/60 Hz
Control voltage		1-10 V
Max. control current $I_{ST}$		200 mA
Switching contact		Relay
Ohmic load		2300 W
Electronic ballast, transformers		type-dependent
Short-circuit protection		via 10 A circuit breaker
No-load proof		Yes
Electrical isolation 1-10 V		2 kV base installation
Operating temperature		5 to 50 °C
Terminals		Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Dimensions (L x W x H)		175 x 42 x 18 mm

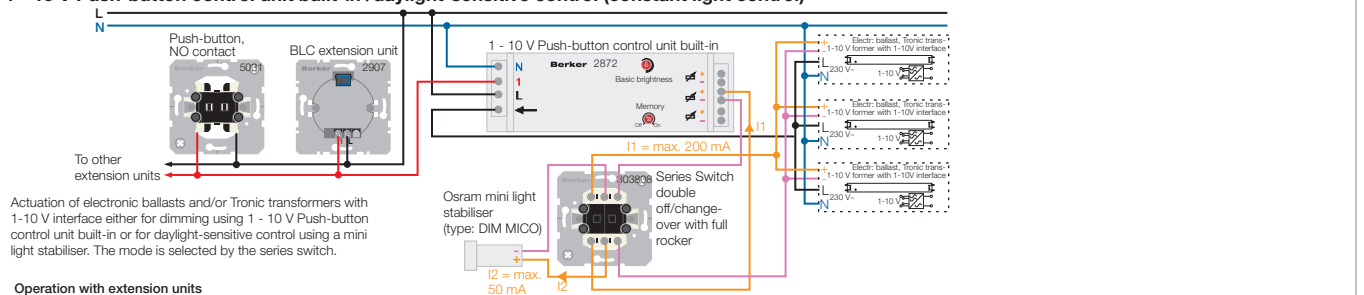
**Tronic transformer with 1-10 V interface on 1-10 V Push-button control unit built-in**



**1-10 V Push-button control unit built-in with 1-10 V signal amplifier**



**1-10 V Push-button control unit built-in /daylight-sensitive control (constant light control)**



**Tronic transformer with 1-10 V interface**

In complex modern lighting systems, lamps are increasingly being operated by way of electronic ballasts (German: "EVGs") fitted with a 1-10 V interface. This permits convenient dimming even of high power outputs from one central point or from several distributed points. This 1-10 V interface is now offered with the Tronic transformer.

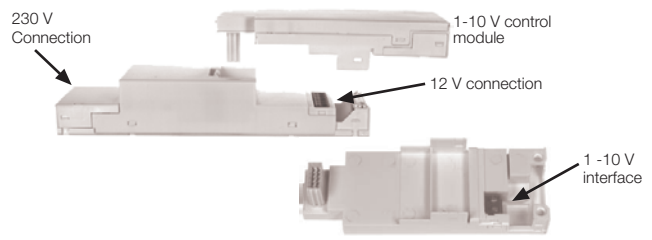
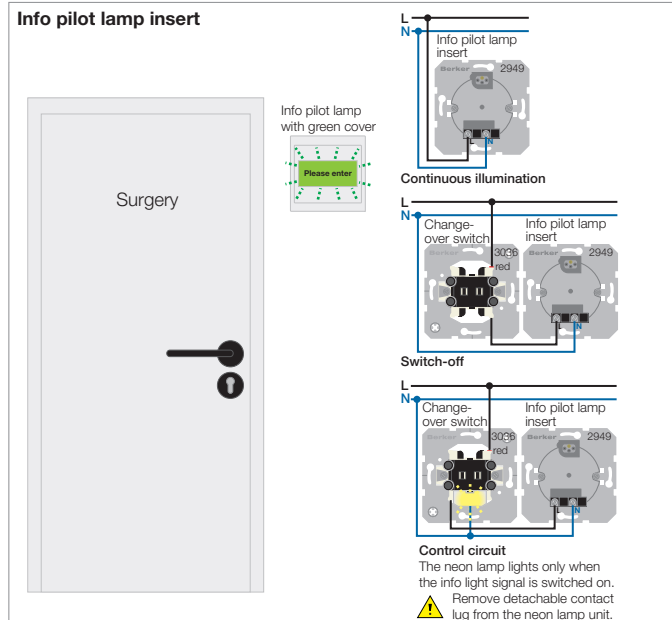
Up to 50 Tronic transformers with 1-10 V interface can be regulated on the control side with a 1-10 V Rotary potentiometer and up to 250 with the 1 - 10 V Push-button control unit built-in. This allows electronic ballasts to be combined with 1-10 V interfaces. When dimensioning a system, the control and load currents must be considered separately!

Technical data	
Nominal voltage	230 V~, 50 Hz
Primary rated current at full load	0.45 A
Power range	20-105 W
Power factor	0.96
Efficiency $\lambda$	95 %
Rated output voltage	11.8 V
Softstart	Bulb-preserving switch-on
Control current	approx. 0.8 mA
Operating temperature $t_a$	max. 50 °C at maximum load

**Info pilot lamp**

The info pilot lamp is marked by uniform illumination and clear visibility (even from the side). The labelled sheet selected from the supplied range can optionally be placed above or below the factory-fitted milky cover, depending on whether the notice (or pictograph) is to be visible at all times or visible only when the light signal is on. By the use of a monitoring switch, the on state of the info pilot lamp can also be also indicated at a different location.

Application: e.g. in waiting rooms, outside of conference rooms doctors' surgeries, etc.

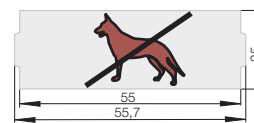


1 - 10 V Tronic transformer 105 W		Order no. 2977
Housing temperature $t_c$	75 °C at maximum load	
Secondary lead	max. 2 m long, min 1.5 mm <sup>2</sup>	
Short-circuit protection	electronic, automatic restart	
Overload/temp. protection	Automatic power reduction	
Fire prevention	cut-out in case of fault	
Open circuit	Protected	
Dimmable	via 1-10 V interface	
Protection class		II
Terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>	

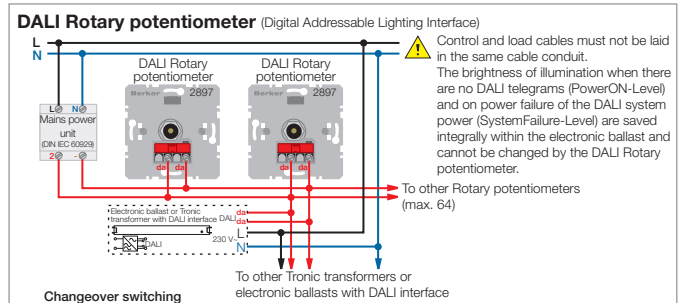
**Self-production of text and graphical signs**

Using a computer and appropriate software, it is possible to produce your own text and/or graphical signs. They can be printed in colour or monochrome black using an inkjet or laser printer, on transparent projector sheets.

**Cutting template**



Insert and info pilot lamp cover with 5 label sheets	
Rated voltage	230 V~, 50/60 Hz
Nominal current	approx. 25 mA
LED power	approx. 800 mW
Switching frequency	any
Service life	25,000 hours
Light colour	white
Operating temperature	10 to 30 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Order no.: insert	2949
Order no.: cover	1345 ..



DALI Rotary potentiometer order no. 2897	
DALI voltage (IEC 60929)	16 V= (9.5...22.5 V=)
Current input	less than 2 mA
DALI control line length max.	at 0,5 mm <sup>2</sup> 100 m at 0,75 mm <sup>2</sup> 100 to 150 m at 1,5 mm <sup>2</sup> over 150 m
Fine-wire fuse	F 500 H 250
Operating temperature	5 to 35 °C
Terminals	Screw-type terminals for max. 2 x 2.5 mm <sup>2</sup> or 1 x 4 mm <sup>2</sup>



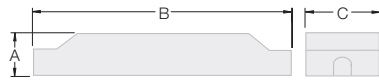
Tronic transformer for 12 V halogen lamps

- Bulb-preserving soft startup
- Very low noise
- Short circuit proof
- No fuse changing
- Automatic restart
- Overload and excess temperature-proof by power reduction
- Input and output electrically isolated
- Safety extra low voltage (SELV)
- Tronic dimmer, universal dimmer and Tronic transformer are specially co-ordinated for use together (no interference)
- Berker Igel also dimmable with Ldimmers (R, L)
- Flicker free
- Light weight
- Low loss
- Output voltage almost independent of load

⚠ Do not use dimmers made by other manufacturers, as a risk of fire cannot be ruled out!

### Installation dimensions, Tronic transformers

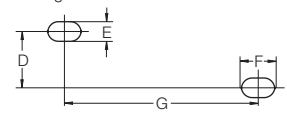
Housing dimensions in mm:



Min. ceiling opening (Standard ceiling height 78 mm)



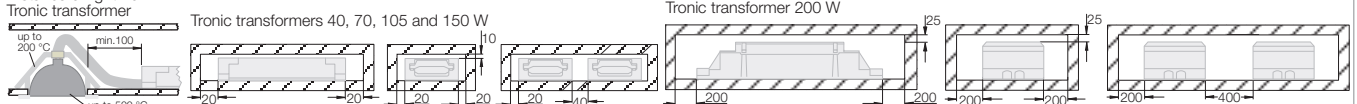
Fixing holes



Type	Order no.	A	B	C	D	E	F	G	H
Tronic transformer 40 W	2915	18	73	35,5	-	3,4	3,4	67	40
Tronic transformer 105 W	2918	28	49	48	-	3,5	3,5	60	53
Tronic transformer 105 W	297401	18	175	42	32	4,5	8	148	54
Tronic transformer 35-105 W	2927	18	165	42	32	4,5	8	148	53
Tronic transformer Berker Igel 105 W built-in	2921	29	105	50	15	3,5	-	-	55
Tronic transformer 20-105W / 1-10V	2977	32	216	42	33	4,5	8	147	59
Tronic transformer 150 W	2976	38	176	42	32	4,5	8	148	60
Tronic transformer 200 W	2972	46	212	48,5	36	4,5	8	181,5	63
Tronic touch dimmer built-in (R, C)	2943	46	212	48,5	36	4,5	8	181,5	63
Tronic booster built-in	2868	46	212	48,5	36	4,5	8	181,5	63
LV booster built-in (R, L)	2869	46	212	48,5	36	4,5	8	181,5	63

### Installation configurations of Tronic transformers

Distance of light from Tronic transformer

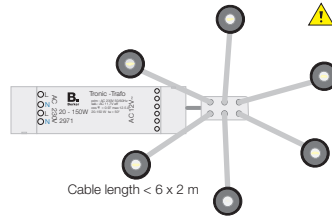


### Secondary cable length

⚠ The maximum permissible secondary cable length is 2 m.

Reasons:

- Compliance with DIN VDE EN 55015 (RFI suppression)
- Failure to comply with the specified cable length will result in malfunctions in appliances such as radios, mobile phones, etc..
- Using the 6gang distributor splits the transmitted power across several branches and minimises it.



⚠ Star configuration distribution and equal cable lengths should be ensured, in order to prevent differences in brightness.

- **Voltage drop** on secondary cable at 40 kHz  
Do not use single wires if possible!  
Or twist pairs to reduce capacitance.



■ **Skin effect**

Low frequency 50 Hz



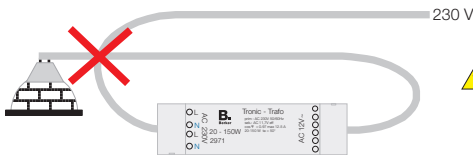
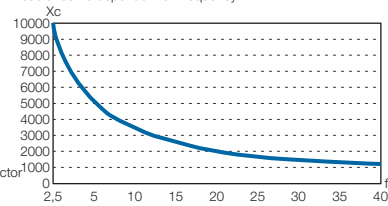
High frequency 40 kHz



Electrons move away from the centre of the conductor to the surface, the conductor cross-section is no longer fully utilised.  
Consequence: increased resistance

Tip: Choose a flexible cable!

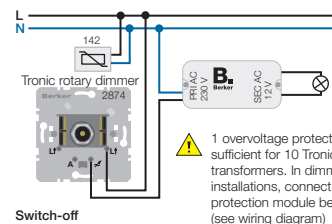
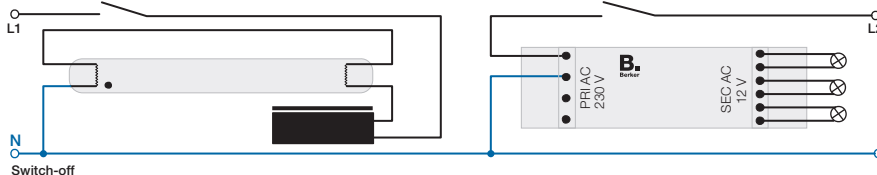
Reactance  $X_c$  dependent on frequency  $f$



⚠ Do not allow primary and secondary cables to cross or to lie parallel to each other, otherwise the RFI suppression will not be active.  
To avoid noise interfering with radios, mobile phones, etc..

### Overvoltage protection module

⚠ Tronic transformers are spike proof up to 1500 V. To protect against higher overvoltages (occurring for example when fluorescent lamps, gas discharge lamps and under other inductive loads for are switched off), separate load circuits should be installed for Tronic transformers and those consumers. It is advisable to install an additional overvoltage protection in systems of this kind.



⚠ 1 overvoltage protection module is sufficient for 10 Tronic transformers. In dimmed installations, connect overvoltage protection module before dimmer (see wiring diagram)

Technical data	Overvoltage protection module	Order no. 142
Rated alternating voltage	230 V~, 50/60 Hz	approx. 1000 V
Leakage current $I_s$ (B/20)	4.5 kA (1x) 1.0 kA (100x)	-25 to 80 °C
	Connections	Flexible cable 1.5 mm <sup>2</sup> 200 mm long

Tronic transformer		10 - 40 W No.: 2915	20 - 70 W No.: 2918	20 - 105 W No.: 2921	20 - 105 W No.: 297401	35 - 105 W No.: 2927	20 - 105 W No.: 2977	20 - 150 W No.: 2976	50 - 200 W No.: 2972
<b>Design</b>	Cubic design Screw type terminals (X) = Primary side only Cable clamp	X	X	X	X	X	X	X	X
<b>Rated power / Ambient temperature</b>	10-40 W at ambient temp. 50 °C 20-60 W at ambient temp. 50 °C 20-70 W at ambient temp. 40 °C 20-70 W at ambient temp. 50 °C 20-105 W at ambient temp. 50 °C (45 °C) 20-150 W at ambient temp. 50 °C 50-200 W at ambient temp. 50 °C	X	X	X	X	X	X	X	X
<b>Rated alternating voltage</b>	230 V~(also 240 V~), 50/60 Hz [230 V~, 50 Hz and 230 V=]	X	X	(X)	(X)	X	50Hz	X	(X)
<b>Effective output voltage</b>	at 230 V~	11.8	11.7	11.3	11.8	11.8	11.8	11.7	11.5
<b>Mains current</b>	at 40 W, 0.18 A at 230 V~ at 70 W, 0.33 A at 230 V~ at 105 W, 0.49 A (0.45 A) at 230 V~ at 150 W, 0.71 A at 230 V~ at 200 W, 0.95 A at 230 V~	X	X	(X)	(X)	(X)	X	X	X
<b>Power factor λ</b>	0.96	X	X	X	X	X	X	X	X
<b>Efficiency</b>	95 %	X	X	92 %	X	X	X	X	X
<b>Number of lights</b>	5 W x 10 W x 20 W x 35 W x 50 W x 75 W x 100 W x	8 4 2 1 1 1 1	17 7 3 2 1 1	21 10 5 3 2 1 1	21 10 5 3 2 1 1	21 10 5 3 2 1 1	21 10 5 3 2 1 1	30 15 7 4 3 2 1	40 20 10 5 4 2 2
<b>Housing</b>	Fracture-proof, heat resistant unpotted, repairable	X	X	X	X	X	X	X	X
<b>Housing temperature</b>	at 40 W max. 85 °C at 60 W max. 75 °C at 70 W max. 90 °C at 105 W max. 75 °C (80 °C) [100 °C] at 150 W max. 75 °C at 200 W max. 65 °C	X	X	(X)	(X)	(X)	(X)	X	X
<b>Weight</b>	approx. in grams	65	70	160	150	150	220	190	420
<b>Fire / Cut-out</b>	Input side in case of fault	X	X	X	X	X	X	X	X
<b>Short-circuit-proof</b>	Electronic cut-out	X	X	X	X	X	X	X	X
<b>Restart</b>	Automatic after elimination of fault	X	X	X	X	X	X	X	X
<b>Overload and excess temperature-proof</b>	by power reduction	X	X	X	X	X	X	X	X
<b>Protective insulation</b>	Protection class II	X	X	X	X	X	X	X	X
<b>Safety</b>	VDE 0860 (07 12/24)	X	X	X	X	X	X	X	X
<b>Radio interference suppression</b>	VDE 0875 part 2	X	X	X	X	X	X	X	X
<b>Cable recommended H 05 VV-F 2 x ...</b>	secondary: max. 2 m (1 m), min. 2 x mm <sup>2</sup>	0.75	0.75	1.5	(1.5)	1.5	1.5	(2.5)	2.5
<b>Open circuit</b>	Protected	X	X	X	X	X	X	X	X
<b>Spike protection</b>	to VDE 0712 part 25	X	X	X	X	X	X	X	X
<b>Bulb-preserving soft start</b>	No current spikes	X	X	X	X	X	X	X	X
<b>Test mark</b>	 	X	X	X	X	X	X	X	X
<b>Suitable for installation in furniture</b>			X	X	X	X		X	X
<b>Dimmable phase cut-off</b>	With Tronic and universal dimmers	X	X	*	X	X		X	X
<b>Dimmable phase cut-on</b>	With LV dimmers			*					

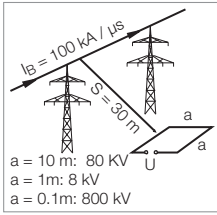
\* The Berker Igel can be dimmed with the following dimmers

Designation	Order No.:	Release version	Production date (from week / year)	Details
Rotary dimmer (R, L)	2873			Igel Minimum load 50 W
Tronic rotary dimmer (R, L)	2874			
Universal rotary dimmer (R, L, C)	286110, 283410, 283411		22 02	
BLC push-button dimmer (R, L)	2904	≥ R2		Igel Minimum load 50 W
BLC universal touch dimmer (R, L, C)	2902	≥ R2		
Universal series touch dimmer (R, L, C)	2901			
Universal touch dimmer RMD (R, L, C)	16701			
Universal booster Plus (RMD)	1659901			
Tronic touch dimmer built-in (R, C)	2943			
Corded dimmer (R, L)	2744..			Igel Minimum load 50 W
Radio universal dim actuator flush-mounted	94550200			
Radio universal dim actuator for connector	1781009			
Radio universal corded dim actuator	128			
Radio universal dim actuator built-in	181			
Radio universal dim actuator RMD	94550100			
Univ. dim actuator flush-mounted	75341003			
Univ. dim actuator 1gang RMD	75311007		22 02	
Univ. dim actuator 2gang RMD	75312007		22 02	
Univ. dim actuator 4gang RMD	75314017			

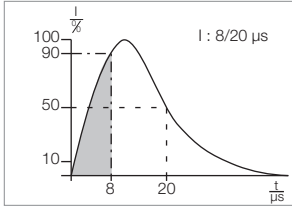
Equipment data																																								
	Kitchen <sup>a)b)</sup>			Kitchenette <sup>b)</sup>			Bathroom		Toilet		House workroom <sup>b)</sup>			< 20 m <sup>2</sup>		> 20 m <sup>2</sup>		< 20 m <sup>2</sup>			> 20 m <sup>2</sup>		< 3 m		> 3 m															
★ and DIN 18015 part 2	Socket outlets general	5	3	2 <sup>a)</sup>	1	3	4	5	3	4	5	1	1	1	1	1	3	1	1	Electric cooker, microwave, dishwasher, washing machine <sup>f)</sup> , tumble dryer, ironing station, water heater <sup>d)</sup> , heating appliance <sup>e)</sup>	Connections according to the number of drives	Living space of the home m <sup>2</sup>						Number of circuits						Connections according to the number of drives						Electric cooker, microwave, dishwasher, washing machine <sup>f)</sup> , tumble dryer, ironing station, water heater <sup>d)</sup> , heating appliance <sup>e)</sup>
	Lighting connections	2	1	2	1	1	2	3	1	1	2	1	2	1	2 <sup>g)</sup>	1	1	1	1	< 50		3	Connections according to the number of drives						Bell or gong, door opener and intercom system											
	Telephone/data connection						1	1	1	1	1	1	1	1	1					50 ... 75		4	Connections according to the number of drives							Bell or gong, door opener and intercom system										
	Socket outlets for telephone/data						1	1	1	1	1	1	1	1	1					75 ... 100		5	Connections according to the number of drives								Bell or gong, door opener and intercom system									
	Radio/TV/data connection	1					2	2	1	1	1	1	1	1	1					100 ... 125		6	Connections according to the number of drives									Bell or gong, door opener and intercom system								
	Socket outlets for radio/TV/data	3					6	3	3	3	3	3	3	3	3					> 125		7	Connections according to the number of drives										Bell or gong, door opener and intercom system							
	Socket outlets for refrigerating appliance	2	1																			Connections according to the number of drives						Bell or gong, door opener and intercom system												
	Socket outlet fume extractor	1																				Connections according to the number of drives							Bell or gong, door opener and intercom system											
	Connection for ventilator <sup>c)</sup>			1	1																	Connections according to the number of drives						Bell or gong, door opener and intercom system												
	Roller shutter drives	Connections according to the number of drives																								Bell or gong, door opener and intercom system														
Automaton circuits for socket outlets and lighting	Living space of the home m <sup>2</sup>												Number of circuits						Connections according to the number of drives						Bell or gong, door opener and intercom system															
	< 50												3						Connections according to the number of drives							Bell or gong, door opener and intercom system														
	50 ... 75												4						Connections according to the number of drives						Bell or gong, door opener and intercom system															
	75 ... 100												5						Connections according to the number of drives							Bell or gong, door opener and intercom system														
	100 ... 125												6						Connections according to the number of drives						Bell or gong, door opener and intercom system															
	> 125												7						Connections according to the number of drives							Bell or gong, door opener and intercom system														
★★	Socket outlets general	10	4	4 <sup>a)</sup>	2	8	8	11	5	8	11	2	3	2	2	6	2	1	Electric cooker, oven, steam cooker, microwave, dishwasher, washing machine <sup>f)</sup> , tumble dryer, ironing station, water heater <sup>d)</sup> , sauna heating unit, whirlpool, heating appliance <sup>e)</sup>	Connections according to the number of drives							In multi-room homes at least four-row distribution circuits and in single-room homes three-row distribution circuits.													
	Lighting connections	3	2	3	1	2	2	3	1	2	3	2	2 <sup>g)</sup>	2	1	2	1	1		< 50	3	Connections according to the number of drives						Bell or gong, door opener and intercom system with several home call stations												
	Telephone/data connection	1				1	1	2	1	1	2	1	1	1	1	1	1	1		50 ... 75	4	Connections according to the number of drives							Bell or gong, door opener and intercom system with several home call stations											
	Socket outlets for telephone/data	2				2	2	4	2	2	4	2	2	2	2	2	2	2		75 ... 100	5	Connections according to the number of drives								Bell or gong, door opener and intercom system with several home call stations										
	Radio/TV/data connection	1				1	2	3	1	1	1	1	1	1	1	1	1	1		100 ... 125	6	Connections according to the number of drives									Bell or gong, door opener and intercom system with several home call stations									
	Socket outlets for radio/TV/data	3				3	6	9	3	3	3	3	3	3	3	3	3	3		> 125	7	Connections according to the number of drives										Bell or gong, door opener and intercom system with several home call stations								
	Socket outlets for refrigerating appliance	2	1																		Connections according to the number of drives							Bell or gong, door opener and intercom system with several home call stations												
	Socket outlet fume extractor	1																			Connections according to the number of drives								Bell or gong, door opener and intercom system with several home call stations											
	Connection for ventilator <sup>c)</sup>			1	1																Connections according to the number of drives							Bell or gong, door opener and intercom system with several home call stations												
	Roller shutter drives	Connections according to the number of drives																								Bell or gong, door opener and intercom system with several home call stations														
Automaton circuits	1	1			1	1	2	1	1	2			1	1	1	1	1	Connections according to the number of drives						Bell or gong, door opener and intercom system with several home call stations																
★★★	Socket outlets general	12	4	5 <sup>a)</sup>	2	10	10	13	7	10	13	3	4	3	2	8	2	1	Electric cooker, oven, steam cooker, microwave, dishwasher, washing machine <sup>f)</sup> , tumble dryer, ironing station, water heater <sup>d)</sup> , sauna heating unit, whirlpool, heating appliance <sup>e)</sup>	Connections according to the number of drives						In multi-room homes at least four-row distribution circuits and in single-room homes three-row distribution circuits.														
	Lighting connections	3	2	3	2	3	3	4	2	3	4	2	2 <sup>g)</sup>	2	1	2	1	1		< 50	3	Connections according to the number of drives						Bell or gong, door opener and intercom system with several home call stations, danger detection systems												
	Telephone/data connection	1	1	1	1	1	2	1	1	2	1	1	2	1	1	1	1	1		50 ... 75	4	Connections according to the number of drives							Bell or gong, door opener and intercom system with several home call stations, danger detection systems											
	Socket outlets for telephone/data	2	2			2	2	4	2	2	4	2	2	2	2	2	2	2		75 ... 100	5	Connections according to the number of drives								Bell or gong, door opener and intercom system with several home call stations, danger detection systems										
	Radio/TV/data connection	1		1		1	2	3	1	2				1	1	1	1	1		100 ... 125	6	Connections according to the number of drives									Bell or gong, door opener and intercom system with several home call stations, danger detection systems									
	Socket outlets for radio/TV/data	3	3			3	6	9	3	6	6	6	6	6	6	6	6	6		> 125	7	Connections according to the number of drives										Bell or gong, door opener and intercom system with several home call stations, danger detection systems								
	Socket outlets for refrigerating appliance	2	1																		Connections according to the number of drives						Bell or gong, door opener and intercom system with several home call stations, danger detection systems													
	Socket outlet fume extractor	1																			Connections according to the number of drives							Bell or gong, door opener and intercom system with several home call stations, danger detection systems												
	Connection for ventilator <sup>c)</sup>			1	1																Connections according to the number of drives						Bell or gong, door opener and intercom system with several home call stations, danger detection systems													
	Roller shutter drives	Connections according to the number of drives																										Bell or gong, door opener and intercom system with several home call stations, danger detection systems												
Automation circuits	1	1			1	1	2	1	1	2	1	1	1	1	1	1	1	Connections according to the number of drives						Bell or gong, door opener and intercom system with several home call stations, danger detection systems																

<sup>a)</sup> In rooms with dining areas, the number of connections and socket outlets should each be increased by 1.  
<sup>b)</sup> The socket outlets allocated to the bed areas and kitchen work areas, kitchenettes and house workrooms must be provided with double socket outlets at least. They only count as one socket outlet each in the table, though.  
<sup>c)</sup> As long as an individual ventilation system is provided for. In the case of windowless bathrooms or toilets, the switching must be provided with follow up via the general lighting.  
<sup>d)</sup> Unless the heating system/hot water supply takes place in another way.  
<sup>e)</sup> A socket outlet in combination with the washstand lighting is permissible.  
<sup>f)</sup> Only required once in each home.  
<sup>g)</sup> Switchable from two places at least.

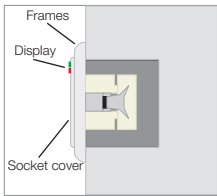




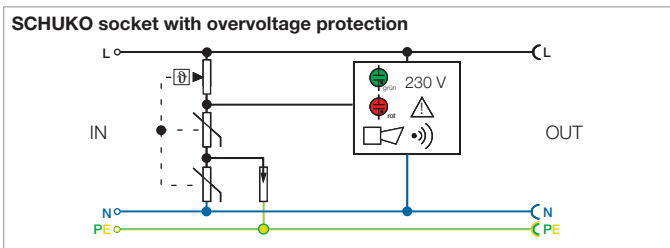
Inductively or capacitively inserted overvoltages are discharged against neutral and ground conductors with the aid of thermally monitored varistors and gas arresters.  
Temperature monitoring to DIN VDE 0845 Part 1



Current test curve 8/20 µs and voltage test curve 1.2/50 µs are used to test the overvoltage protection.



Its flat design means that the BERKER Schuko socket with overvoltage protection fits any appliance socket to DIN 49 073 Part 1:

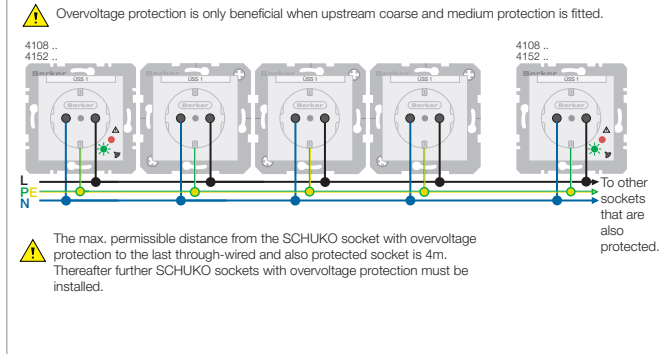


Technical data	
Rated voltage	230 V~, 50/60 Hz
Rated current I <sub>N</sub>	16 A
Operating current I <sub>C</sub> at U <sub>r</sub>	< 2.3 mA
Arrester rated voltage U <sub>r</sub>	255 V~
Leakage current to ground conductor at U <sub>r</sub>	< 1 µA
Rated discharge current I <sub>sn</sub> (8/20) µs: sym / asym	1.5 kA (100x)
Max. discharge current I <sub>s max</sub> (8/20) µs: sym / asym	4.5 kA (1x)

**SCHUKO socket with overvoltage protection**

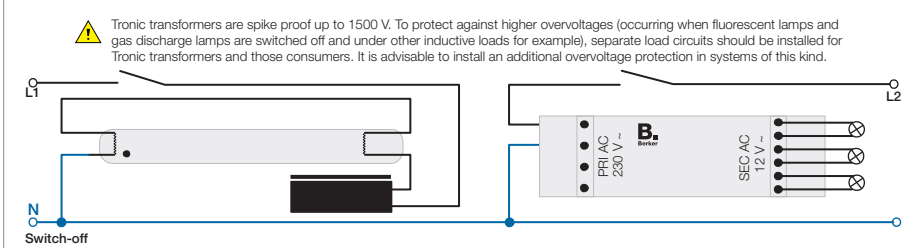
The applications for the SCHUKO socket with overvoltage protection are in power supply unit protection e.g. for IT systems, medical equipment, instrumentation and control equipment, and TV, video and audio equipment. The basic circuit comprises a combination of varistors and gas filled surge arresters. Varistors can be overloaded by excessive or frequent overvoltage. The consequence is an increase in leakage current through the components, and an associated increase in heat. For this reason the varistors are monitored by a thermal cut-out and isolated from the mains power before they become too hot; the mains voltage remains connected. The cut-out is signalled by the red indicator lamp on the socket cover. At the same time an acoustic fault alarm (buzzer) is activated. Unplugging the appliance stops the acoustic alarm. The visual signal is not dependent on whether a plug is in the socket or not. The lamps incorporated into the socket have the following meanings:  
Green lamp lit: mains voltage present  
Red lamp lit (buzzer sounds): the thermal cut-out has tripped, the overvoltage protection function is no longer operational. The SCHUKO socket with overvoltage protection needs to be replaced.

**Combination with SCHUKO sockets**

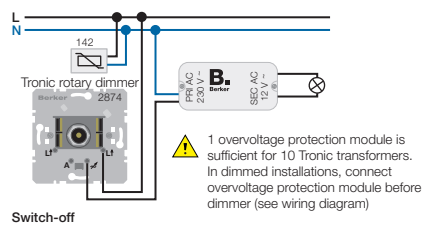


SCHUKO socket with overvoltage protection	
Protection level: phase/neutral (phase/ground; neutral/ground)	< 1.2 kV (1.5 kV)
Response time t <sub>a</sub> : sym / asym	25 ns / 100 ns
Arrester of requirement class	D
Overvoltage protection to	EN 61643-11 and VDE 0675 part 6-11 arrester type 3, One Port
Connecting terminals: screwed connection	(rigid) 2.5 mm <sup>2</sup>
Temperature range	-5 to 40 °C
Order no.:	4108 ..., 4152 ..

**Overvoltage protection module**



Technical data	
Rated alternating voltage	230 V~, 50/60 Hz
Leakage current I <sub>s</sub> (8/20)	4.5 kA (1x) 1.0 kA (100x)

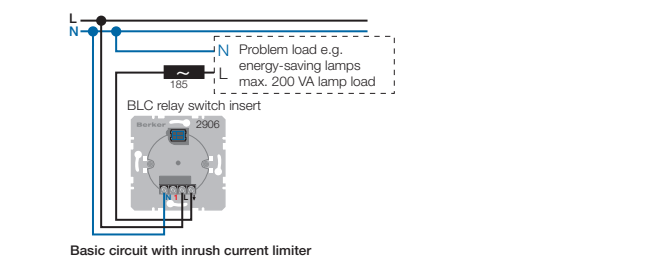


Overvoltage protection module		Order no. 142
Residual voltage I <sub>s</sub> (1kA)		approx. 1000 V
Operating temperature		-25 to 80 °C
Connections		flexible cable 1.5 mm <sup>2</sup> 200 mm long

**Inrush current limiter**



The inrush current limiter limits the lamp inrush current of problem loads such as energy-saving lamps (this is 32 A per lamp for the Osram Dulux EL), compact fluorescent lamps and fluorescent lamps with electronic ballast (up to 25 A per lamp) to a level that can be carried by a mechanical switch contact (relay). The inrush current limiter is connected in series with the lamp(s).  
Not suitable for dimmers or electronic switches such as BLC Triac or Tronic switch insert!



Technical data		Inrush current limiter order no. 185
Connected load		max. 200 VA
Max. operating temperature		max. 65 °C
Dimensions (L x W x H)		45 x 25 x 12 mm (for 60 mm flush-mounted wall box)

## Thermostat

The thermostat controls the temperature in enclosed spaces, such as homes, schools, workplaces etc..

### Installation location

■ An inside wall opposite the heating source is the preferred installation location.

■ Installation height approx. 1.5 m above the floor.

■ Avoid external walls and draughts from windows and doors.

■ Do not install the controller within shelving units or behind curtains and similar coverings.

■ Extraneous heat affects the control accuracy.

■ Avoid direct sunlight and do not install near televisions, radios and heaters, lamps, chimneys and heating pipes.

■ If the controller is mounted in combination with a dimmer under a shared switch frame, then the distance between the two devices should be as great as possible. In the case of an arrangement one above the other, the controller should be below the dimmer.

### Electrical connection

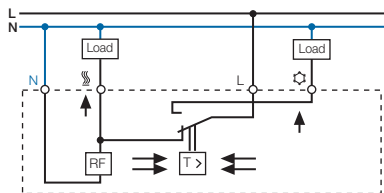
Connect all the cables according to the corresponding circuit diagram. Connect the neutral conductor to the N terminal. If this does not take place, then extreme temperature fluctuations will occur, as the controller does not work without thermal recirculation. The function is only dependent on the bimetal.

No protective conductor is required, as the device is insulated.

### Brief description in the circuit diagram

L	Live conductor
N	Neutral conductor
⊥	Protective earth conductor
NTC	Connection for temperature sensor
RF	Resistor for thermal re-circulation
TA	Resistor for night / temperature lowering
⊙	External time switch or (switch) for night / lowering temperature
↑	Load connection
⊞	Heating
⊘	Cooling
T>	Bimetal contact (temperature evaluation)

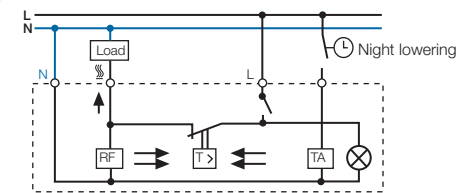
### Thermostat insert, change-over contact



202600

Specifications	Thermostat insert, change-over contact
Temperature range	5 to 30 °C
Rated voltage	250 V~, 50/60 Hz
Rated current	10 A, 4 A cos φ=0.6
Switching capacity heating	2.2 kW
Switching capacity cooling	1.1 kW
Power consumption	0.15 W
Switching temp. difference	approx. 0.5 °C
Order no.	2026..

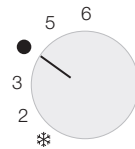
### Thermostat insert, NC contact



203000 and 203100

Specifications	Thermostat insert, NC contact
Temperature range	5 to 30 °C
Rated voltage	250 V~, 50/60 Hz
Rated current	10 A, 4 A cos φ=0.6
Breaking capacity	2.2 kW
Power consumption	0.15 W, with night lowering 0.3 W
Switching temperature difference	approx. 0.5 °C
Temperature lowering	approx. 4 °C
Order no.:	2030..

Specifications	Thermostat insert, NC contact
Temperature range	5 to 30 °C
Rated voltage	24 V~, 50/60 Hz; 24 V=
Rated current	10 A at ~, 4.1 A at =
Breaking capacity	240 W at ~, 100 W at =
Power consumption	14.4 mW, with night lowering 28.8 mW
Switching temperature difference	approx. 0.5 °C
Temperature lowering	approx. 4 °C
Order no.:	2031..



The scaling on the thermostats at the correct installation location corresponds to:

* = approx. 5 °C	• = approx. 20 °C
2 = approx. 10 °C	5 = approx. 25 °C
3 = approx. 15 °C	6 = approx. 30 °C

### Thermostat

This thermostat controls the temperature of underfloor heating systems.

The required floor temperature is set using the adjusting knob.

If the set floor temperature is not reached, the control unit then requests heat and shows this through a red LED. The heating is switched on or off using the mains switch. Night lowering can be activated using an additional connection through an upstream timer or control switch. This is displayed by the green LED on the setting knob lighting up. The temperature is reduced by approx. 5 °C.

For temperature measurement, install the sensor in the floor in a protective pipe. The sensor cable can, if necessary, be extended using a 2-core cable of 1.5 mm<sup>2</sup> cross section without influencing the precision of the controller. When laying the cable ducts or when close to high current conductors, a shielded cable should be used.

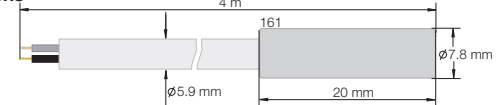
Characteristic sensor values: Measuring device internal resistor Ri > 1 MOhm

05 °C	85.279 k Ohm
10 °C	66.785 k Ohm
15 °C	52.33 k Ohm
20 °C	41.272 k Ohm
25 °C	33.000 k Ohm
30 °C	26.281 k Ohm
35 °C	21.137 k Ohm
40 °C	17.085 k Ohm
45 °C	13.846 k Ohm
50 °C	11.277 k Ohm

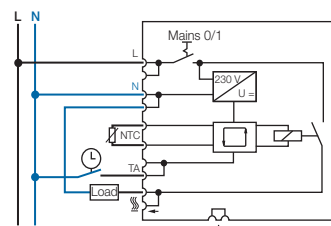
The resistance values can only be measured when the sensor is disconnected.

Install the temperature sensor in the ductwork in the floor, so that it is located between 2 heating conductors.

### Sensor dimensions



### Thermostat insert for underfloor heating



203400

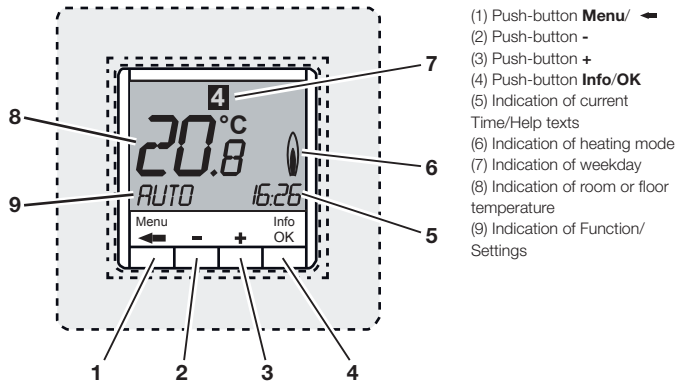
The terminal TA (temperature reduction) is activated via the neutral conductor N.

Specifications	Thermostat
Temperature range	10 to 50 °C
Rated voltage	230 V~, 50/60 Hz; 230 V=
Switching current	10 A cos φ=1 ohmic load
Breaking capacity	2.3 kW
Power consumption	0.14 W, with night lowering 0.28 W
Switch/one-pole	ON/OFF
Display LED	Heating on "red" / Night lowering on "green"
Contacts (relay)	1 NO contact (for heating) not potential-free
Temperature lowering	approx. 5 °C
Switching temperature difference	approx. 1 °C
Sensor element	NTC
Sensor lead	PVC 2 x 0.75 mm <sup>2</sup>
Cable length	4 m
Degree of protection	IP67 acc. to EN 60529
Order no.:	2034..

**Thermostat, NO contact, with centre plate, time-controlled [order no. 2044 ..]**

The time-controlled thermostat enables weekday and time-dependent control of the room temperature in automatic mode. The current temperature value is determined via the internal sensor and compared with the setpoint value. When the temperature falls below the setpoint value, the heating system is activated.

**i** An external sensor for measuring the floor and room temperature can also be connected.



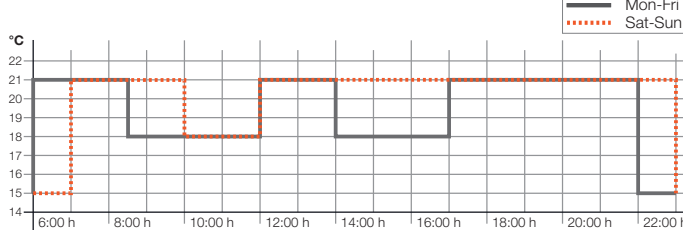
**Fig. 1:** Overview of the operation and display elements

- (1) Push-button **Menu/** ←
- (2) Push-button **-**
- (3) Push-button **+**
- (4) Push-button **Info/OK**
- (5) Indication of current Time/Help texts
- (6) Indication of heating mode
- (7) Indication of weekday
- (8) Indication of room or floor temperature
- (9) Indication of Function/Settings

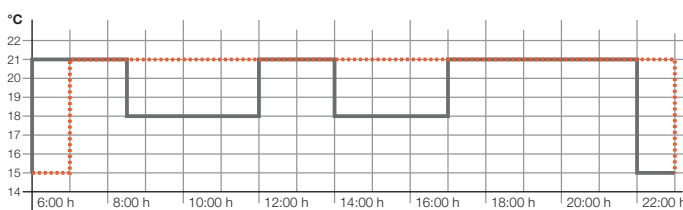
**Product features**

- Can be used as room thermostat, floor thermostat or room thermostat with limiter.
- For floor heating, control using room and/or floor temperature possible
- Connection for external floor temperature sensor/remote sensor
- Switchover manual/automatic mode
- For heating or cooling mode
- Type of actuator (currentless closed/open) adjustable
- Control method: PWM (Pulse Width Modulation) or 2 point (On/Off)
- PWM cycle time and hysteresis (for two-point control) adjustable
- Indication of the room or setpoint temperature, switchable
- Manual temperature value adjustment
- 3 preset time/temperature programs, individually adjustable
- 3 blocks of days: Mon-Fri, Sat-Sun, Sun-Mon
- Max of 9 events per weekday adjustable
- Frost protection function
- Valve protection function (the output is activated daily for 3 minutes, can be switched off)
- Upper and lower floor temperature limiter for use as room thermostat with limiter, adjustable
- Holiday program with date activation
- At home function for temperature control regardless of weekday according to time and temperature specifications of the set program
- Self-learning heating curve, can be switched off
- Timer for changing the temperature by the hour
- Automatic summer-/winter time switching (can be switched off)
- Large, backlight LC display LC with text display
- Programmable with operating unit removed
- Access protection (disabling of thermostat by key combination)
- Operating hours counter or energy consumption display adjustable
- Operating languages are adjustable: German, English, Dutch or French

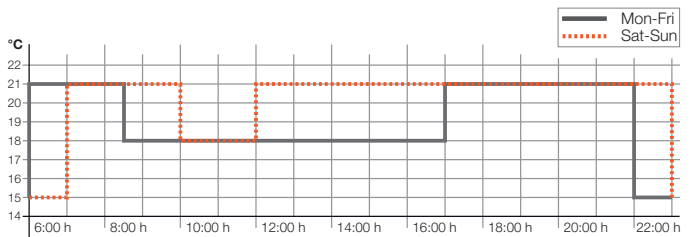
**Time/temperature diagram**



**Fig. 2:** Day profile program 1



**Fig. 3:** Day profile program 2

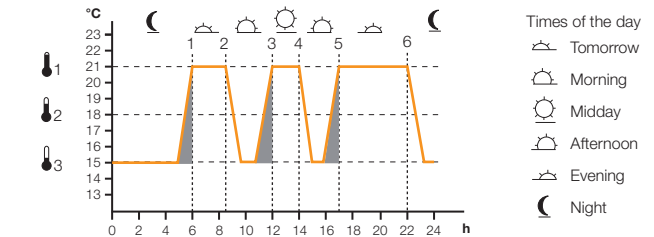


**Fig. 4:** Day profile program 3

**i** The last temperature setback always takes place at 22:00h in all preset day profiles.

**Function Optimum Start**

The device detects automatically when the heating cycle must start so that the setpoint temperature is reached at the set time (self-learning heating curve).

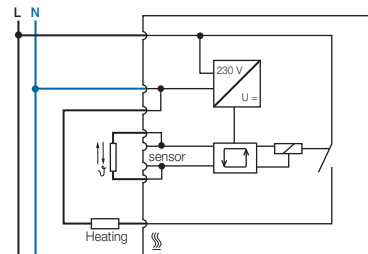


**Fig. 5:** Self-learning heating curve based on the example of the weekday profile of program 1

**Assembly and electrical connection**

**i** Extraneous heat affects the control accuracy.

- An inside wall opposite the heating source is the preferred installation location.
- Installation height approx. 1.5 m above the floor.
- Avoid installation on outside walls or draught from windows or doors.
- Controller not within shelving units or behind curtains and similar coverings. Install coverings (except with remote sensor).
- Avoid direct sunlight and do not install near televisions, radios and heaters, lamps, chimneys and heating pipes.
- When installing in a 3, 4 or 5gang frame, the distance between the thermostat time-controlled and a dimmer should be as big as possible. In the case of an arrangement one above the other, the controller should be below the dimmer.



**Fig. 6:** Connection diagram for thermostat, NO contact, with centre plate, time-controlled

**Installation of temperature sensor [order no. 161]**

- The temperature sensor for floor heating systems must be installed in an empty conduit between two heating conductors. If a temperature sensor is connected, the temperature measured there is displayed (for sensor values see floor temperature controller on page T36).
- For controlling a room separated from thermostat the temperature sensor can be installed with a sensor insert order no. 7594 10 01 at an appropriate installation location.

Specifications	Thermostat; NO contact, with centre plate, time-controlled order no. 2044 ..
Operating voltage	AC 230 V~
Rated frequency	50 Hz
Output	Relay NO contact, non-isolated
Switching current	10 mA ... 10 (4) A
Power consumption	approx. 1.2 Watt
Operating temperature	0 ... 40 °C (without condensation)
Storage temperature	-20 ... 70 °C (without condensation)
Protection class	IP30
Protection class	II
Temperature adjustment range in 0.5 °C increments	
Room thermostat (with limiter)	5 ... 30 °C
Floor temperature thermostat	10 ... 40 °C
Temperature display	in 0.1° C increments
Output signal	Pulse width modulation (PWM) or Two-point control (On/Off)
Minimum event	10 min
Time deviation	<4 min. per year
Power reserve via lithium battery (permanently installed)	approx. 10 years

**RolloTec**

**Error on parallel switching of conventional tubular motors**

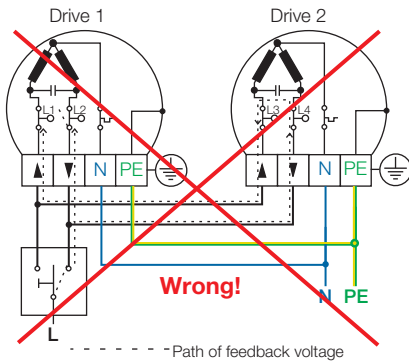


Figure 1: Parallel-switched conventional tubular motors

When the switch is actuated, both drives are switched to the same direction of running.

When drive 1 has reached the limit position, the limit position switch L2 opens. However, drive 2 may still be functioning and will use feedback voltage through its condenser to set drive 1 moving in the opposite direction so that L2 is shut again after a short time. This means that drive 1 will again run in the original direction until the contact L2 is reopened.

These switching operations can be seen through a pendulum motion of the roller blind.

As the feedback voltage may be up to 1000 V and many switching position changes happen in a very short time, limit switch E2 is overloaded. This will cause the contacts to weld together. This deactivates the final switch-off in this running direction and the motors are destroyed.

**⚠** Overloading of the limit switches through parallel switching of conventional tubular motors. Motors or roller blinds may be destroyed. For joint control, use Berker cutoff relays or electronic tubular motors, such as those from Becker, Elero or Selve.

**RolloTec cutoff relay**

RolloTec cutoff relays are mounted in water-protected junction boxes or in wall boxes, flush-mounted, e.g. behind a blanking cover or a RolloTec insert. RolloTec cutoff relays RMD are snapped onto the 35 mm DIN hat profile rail.

The following variants are available, depending on the desired operating concept

- RolloTec cutoff relay built-in/surface-mounted, order no. 2930 and RolloTec cutoff relay RMD, order no. 2931 for simultaneous movement of two motors using one operating point.
- RolloTec cutoff relay built-in/surface-mounted, order no. 2969 and RolloTec cutoff relay RMD, order no. 2919 with extension circuits for simultaneous movement of two motors using one operating point or separate operation of the individual motors.

**⚠** Connect a maximum of 6-8 motors to one miniature circuit-breaker (note current consumption). Additional miniature circuit-breakers should be planned for extensions.

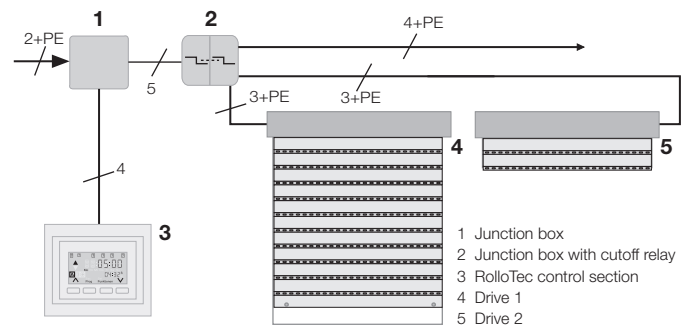


Figure 2: Installation plan for cutoff relay

**RolloTec cutoff relay [2930, 2969]**

**Connection of motors with cutoff relay**

N cable required at the terminal connection.

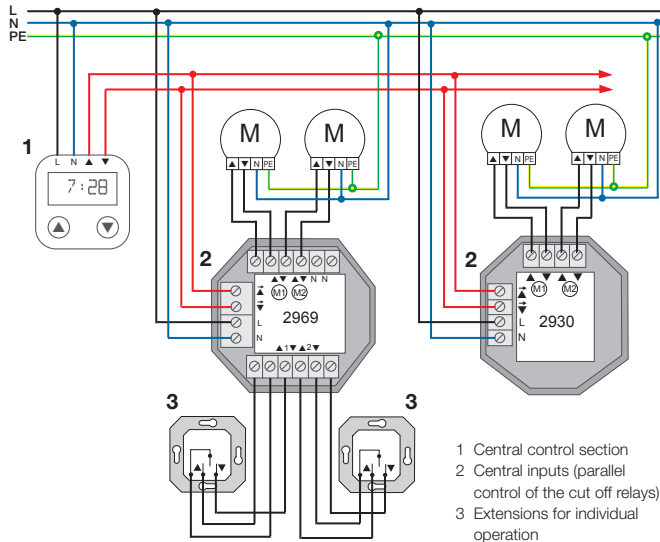


Figure 3: Connection diagram for RolloTec cutoff relay built-in/surface-mounted

**RolloTec cutoff relays RMD [2931, 2919]**

**Connection of motors with cutoff relay RMD**

N cable required at the terminal connection.

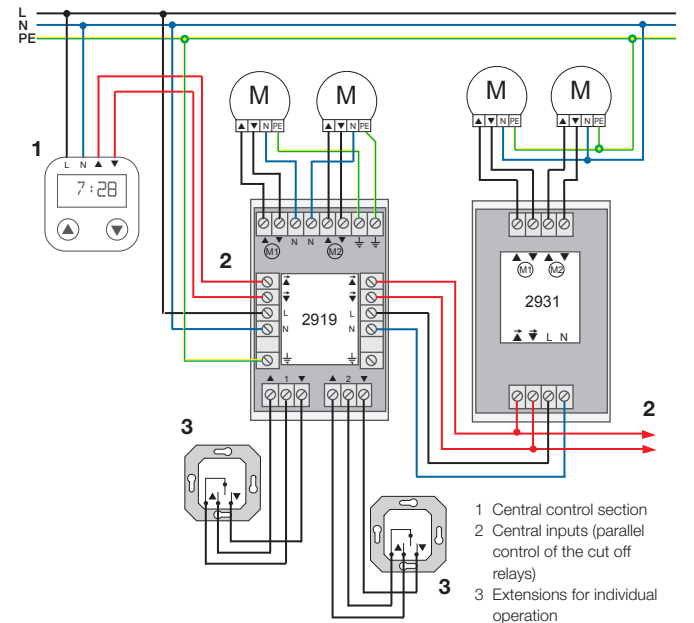
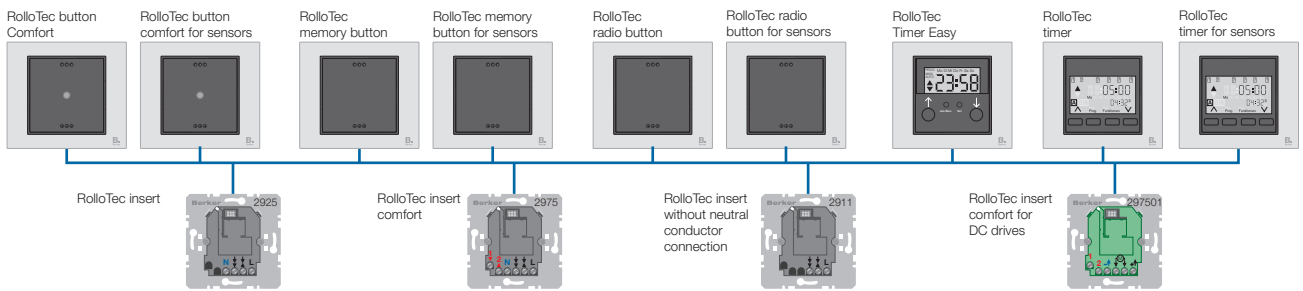


Figure 4: Connection diagram for RolloTec cutoff relay RMD

Technical data		RolloTec cutoff relay
Rated voltage		230 V~
Rated frequency		50/60 Hz
Control voltage		230 V~
Fuse		10 A
Circuit breaker		Characteristic A or B
Current consumption (operation)		approx. 10 mA
Switching current per output		
- ohmic		8 A
- inductive		3 A
Switch-on time (ED)		100 %
Change-over time for change of direction		min. 0.5 s
Operating temperature		0 ... 60 °C
Protection class		IP20

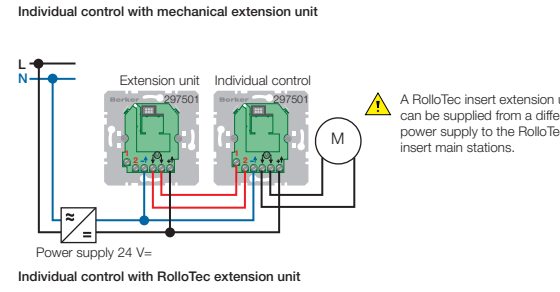
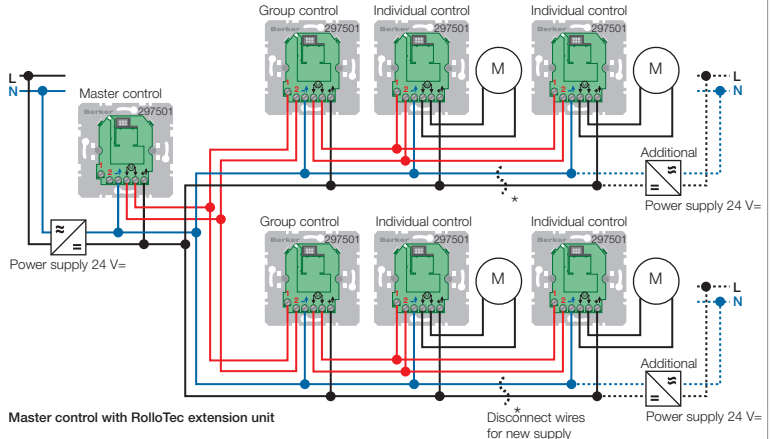
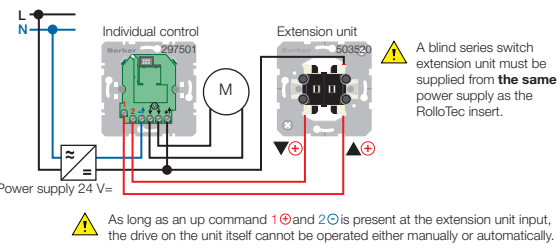
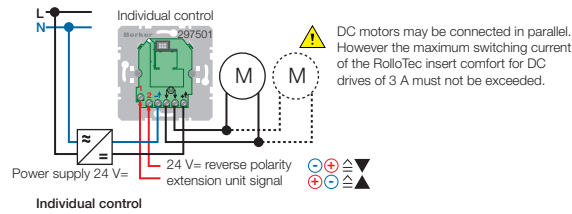
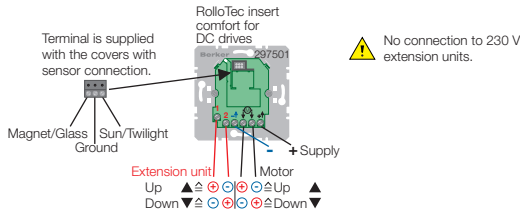
Small screw terminal connections	
- Single stranded	0.5 ... 2.5 mm <sup>2</sup>
- Finely stranded with conductor sleeves	0.5 ... 1.5 mm <sup>2</sup>
Large screw terminal connections (mains and master input, only flush-mounted device with extension units)	
- Single stranded	0.5 ... 4 mm <sup>2</sup>
- Finely stranded with conductor sleeves	0.5 ... 2.5 mm <sup>2</sup>
Dimensions (W × H × T)	
- Order no. 2930	50 × 52 × 22 mm
- Order no. 2969	53 × 50 × 25 mm
- Order no. 2919, 2931 (RMD)	45 × 71 × 42 mm
	2.5 modules
Assembling height as from DIN rail	
- Order no. 2919	39 mm
- Order no. 2931	38 mm

**RolloTec combinations with 9 covers for 4 inserts**



**RolloTec insert comfort for DC drives**

**⚠** A 24 V= SELV power supply with protective isolation must be used to supply the RolloTec comfort insert for DC drives and to activate the extension unit inputs.

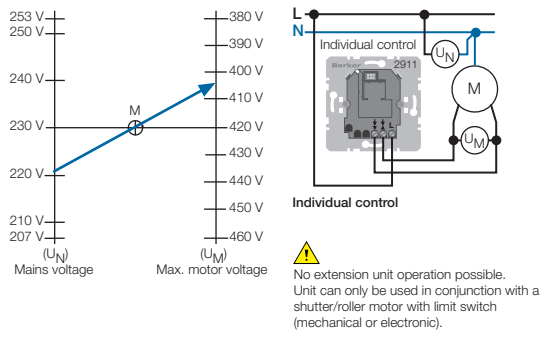


Technical data		RolloTec insert comfort for DC drives	
Nominal voltage		24 V=, +/- 10% including ripple	
Current consumption (idle) approx.		30 mA	
Current consumption (operation) approx.		100 mA	
Relay contacts		2 reverse polarity changeover relays	
Switching current		max. 3 A	
Reversing time		min. 1 sec.	
Extension unit inputs		for 24 V= reverse polarity signals	
Sensor cable length		with shielded cable extendable to max. 20 m	
Terminals		Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>	
Operating temperature		5 to 35 °C	
Order no.:		297501	

**RolloTec insert without neutral conductor connection**

Checking the suitability of motors with mechanical limit switches:  
 To replace a mechanical shutter switch/push-button with the RolloTec insert without a neutral conductor, first check the suitability of the motor. The RolloTec insert has no neutral conductor connection and draws its power supply from the motor. Some motors develop such a high voltage during operation that the insert could be destroyed. The check should therefore be performed with a shutter switch/push-button and not with the RolloTec insert without neutral conductor connection.

Measure the mains voltage (UN) and the motor voltage (UM) in up and down directions using a voltmeter. Compare the measured values for the up and down directions and the measured mains voltage using the following diagram. Locate the measured mains voltage (UN) on the left-hand axis. Connect the measured value in the diagram through the mid point (M) to the right-hand axis (motor voltage UM). If your values measured on the motor do not exceed the maximum motor voltage given in the diagram, the motor can be used in combination with the RolloTec insert without neutral conductor.



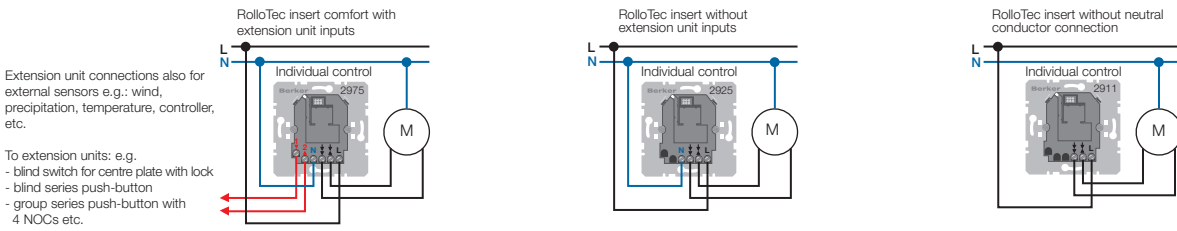
Example (blue arrow):  
 The measured mains voltage (UN) is 221 V. Connect the value 221 V on the left-hand axis in the diagram through the mid point (M) to the right-hand axis with the motor voltage (UM). This gives a max. permitted motor voltage (UM) of 404 V.

Checking the suitability of motors with electronic limit switches:  
 Motors with electronic limit switches operate according to different principles depending on the manufacturer. The insert cannot normally be destroyed by motors with electronic limit switches. Make sure that you check the function of the RolloTec insert without neutral conductor connection in conjunction with this type of motor.

Technical data		RolloTec insert without neutral conductor connection	
Nominal voltage		230 V~, 50 Hz	
Relay contacts		2 potential carrying NOC (mutually interlocked)	
Switching current		max. 1 motor 1000 W	
Reversing time		min. 1 sec.	
Circuit breaker		max. 16 A	
Radio interference suppression		to EN 55015	
Terminals		Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>	
Operating temperature		5 to 35 °C	
Order no.:		2911	



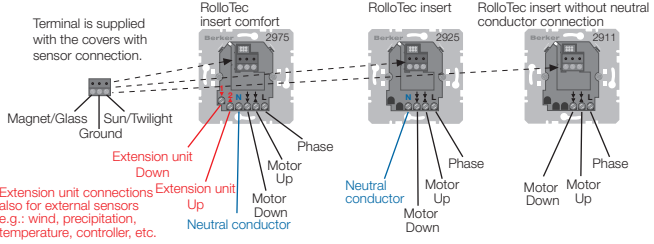
**Individual control with RolloTec inserts**



Extension unit connections also for external sensors e.g.: wind, precipitation, temperature, controller, etc.

To extension units: e.g.  
 - blind switch for centre plate with lock  
 - blind series push-button  
 - group series push-button with 4 NOCs etc.

**RolloTec inserts**



Terminal is supplied with the covers with sensor connection.

Magnet/Glass Sun/Twilight Ground

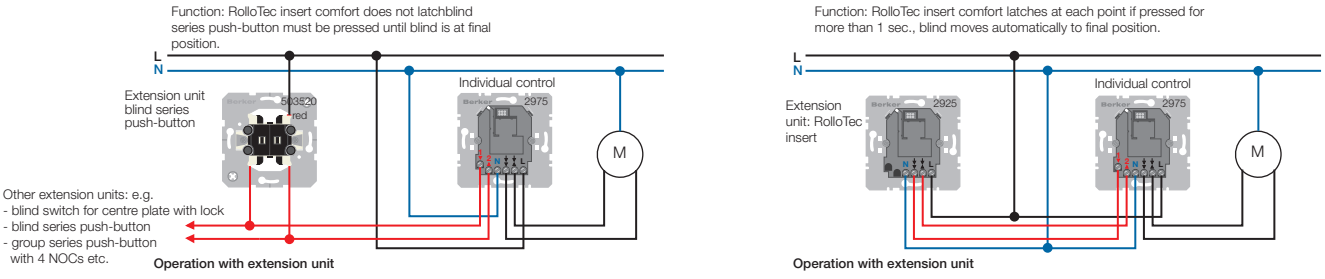
Extension unit Down  
 Extension unit Up  
 Neutral conductor  
 Motor Up  
 Motor Down  
 Phase  
 Neutral conductor  
 Motor Up  
 Motor Down  
 Phase  
 Motor Down  
 Motor Up  
 Phase

Extension unit connections also for external sensors e.g.: wind, precipitation, temperature, controller, etc.

**Technical data**

Nominal voltage	230 V~, 50/60 Hz, N conductor required
Switching capacity	max. 1 motor 1000 W
Relay output	2 potential carrying NOC (mutually interlocked)
Extension unit inputs (comfort insert only)	230 V~ (do not lay low current line)
Reversing time	min. 1 sec.
Circuit breaker	max. 16 A
Radio interference suppression	according to EN 55015
Terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Operating temperature	5 to 35 °C
Order No.:	2925, 2975

**Individual control with RolloTec insert comfort and extension unit**



Function: RolloTec insert comfort does not latch blind series push-button must be pressed until blind is at final position.

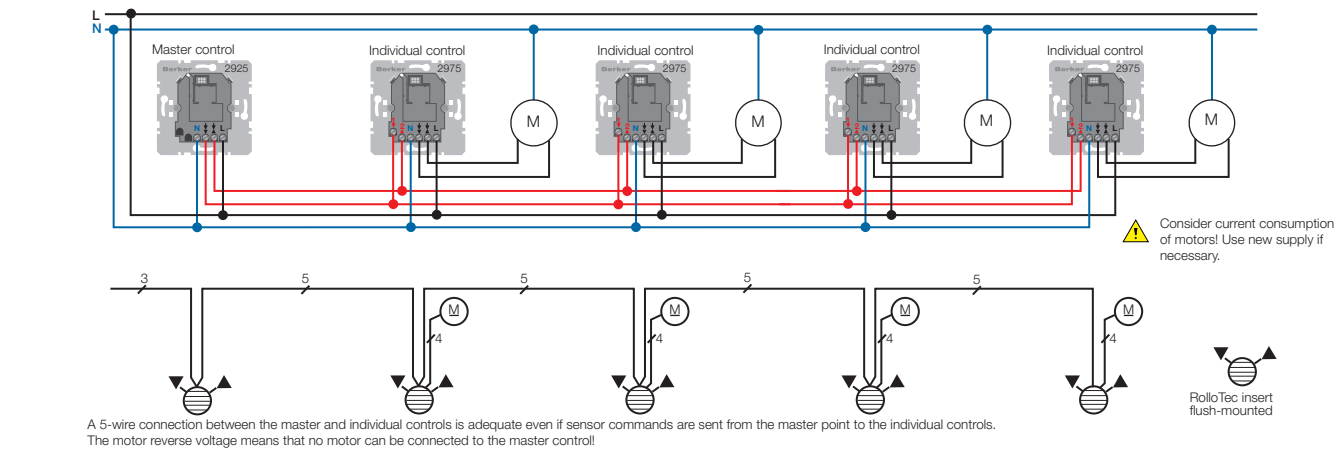
Other extension units: e.g.  
 - blind switch for centre plate with lock  
 - blind series push-button  
 - group series push-button with 4 NOCs etc.

Operation with extension unit

Function: RolloTec insert comfort latches at each point if pressed for more than 1 sec., blind moves automatically to final position.

Operation with extension unit

**RolloTec inserts: Master control and individual control in one phase**

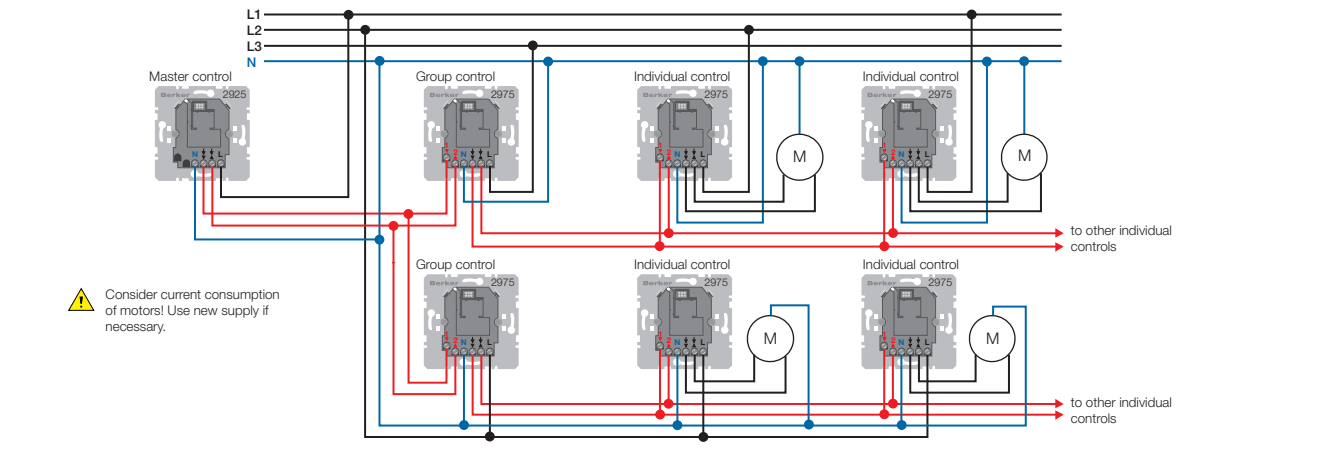


Consider current consumption of motors! Use new supply if necessary.

A 5-wire connection between the master and individual controls is adequate even if sensor commands are sent from the master point to the individual controls. The motor reverse voltage means that no motor can be connected to the master control!

RolloTec insert flush-mounted

**RolloTec inserts: Master and group control in different phases**



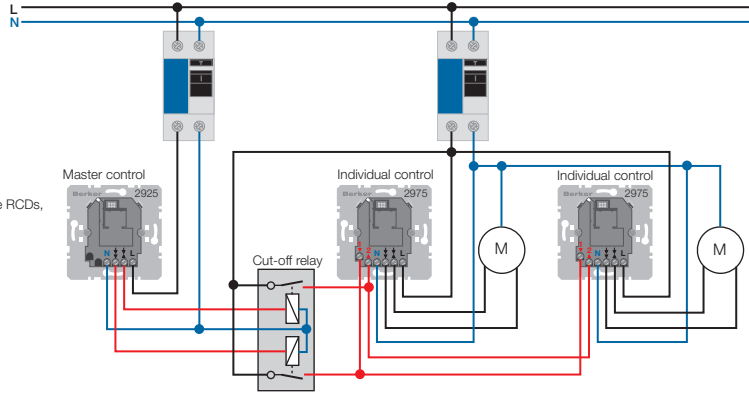
Consider current consumption of motors! Use new supply if necessary.

to other individual controls

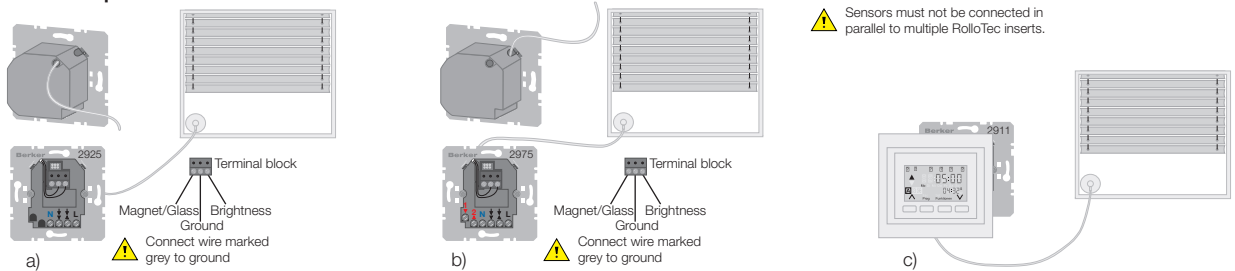
to other individual controls

**RolloTec inserts: operation at several RCDs**

⚠ To avoid unwanted tripping of the RCDs, the circuits must be decoupled.



**Sensor connection options to RolloTec inserts**



Various options are available for connecting the sensors (brightness sensor/magnetic contact/glass breakage sensor):

- a) The sensor cable can be routed easily from the wall box, flush-mounted through the tunnel in the RolloTec insert as far as the terminal block and securely connected.
- b) The sensor cable can be fed through the cable duct between the base plate and the flush-mounted wall box and fixed to the terminal block.
- c) For mounting, the sensor cable connector can be plugged into the lower sensor connection. This connection can be detached at any time in order to prevent unwanted lowering (e.g. of balcony door roller shutters) (not with magnetic contact).

**Sun protection function:** with brightness sensor order no. 169  
 If the sunlight value (20 000 Lux or programmable - see technical data) is exceeded by 2 minutes, the hanging automatically moves down until the sensor is concealed; then moves up a little until the sensor is exposed once more. If the brightness remains below the preset level for 15 minutes, the hanging is raised again. The sun protection function is only activated when the hanging has been moved to its end position by a continuous run operation. To attach, clean the glass with meths or similar, and the sensor with washing up liquid. Rinse the sensor in clean water and affix it to the window glass.

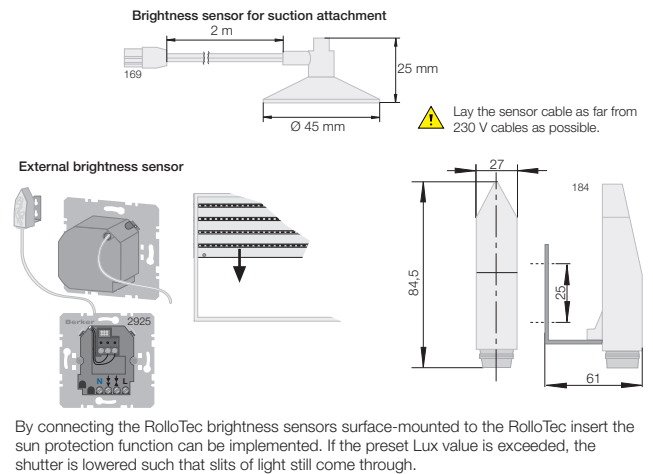
**Twilight function:**  
 The twilight function (only with timer) is activated approx. 90 minutes before sunset (see astronomical curve). The hanging is lowered about 5 minutes after the brightness has fallen below the programmed level.

Technical data		RolloTec brightness sensor
Maximum sensitivity of diode		at $\lambda$ approx. 850 nm
Sunlight brightness values		
Push-button comfort with radio button for sensors		approx. 5000 to 80 000 Lux, prog.
Memory button with sensor connection		approx 20 000 Lux, fixed
Timer with sensor connection		approx. 1000 to 76 000 Lux, programmable
Twilight brightness values (only timer 1775..)		approx. 6 to 300 Lux, programmable
Temperature range		-30 to 70 °C
Index of protection		IP54
Cable length	2 m, extendable to approx. 10 m with telephone cable	
		J-Y(ST)Y 2 x 2 x 0.6 mm, connect shield to ground!
Order No.:		169

**RolloTec glass breakage sensor**  
 The glass breakage sensor is affixed to the window pane. If the glass is broken, the roller shutter is automatically lowered, thereby protecting the property from the weather and from unauthorised intrusion. The roller shutter remains closed until an Up command is sent from the associated control mounting. Master commands are not executed, and brightness values are not processed. Attachment: clean the surface of the glass with spirit or methyl alcohol etc., and affix the sensor to the window pane with special LOCTITE adhesive (see operating instructions)

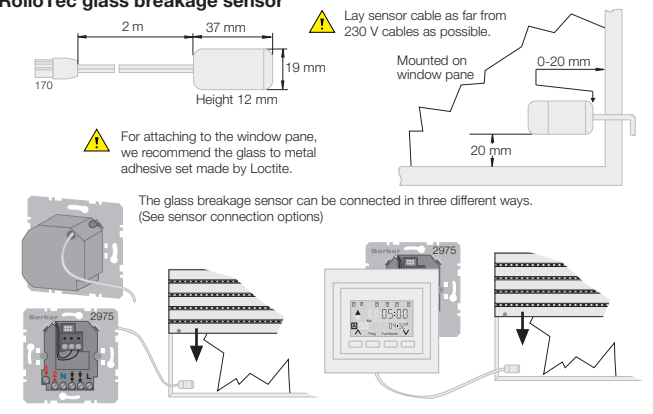
Technical data		RolloTec glass breakage sensor
Contact		1pole NCC contact
Switching capacity		max. 350 mW
Action radius		2 metres
Contact resistance No load		max. 30 Ohm
Alarm condition		min. 1 MOhm
Alarm duration		approx. 0.5 - 5 sec.
Connection cable		LIYY 2 x 0.14 mm <sup>2</sup>
Temperature range		-30 to 70 °C
Index of protection		IP66
Max. number		10 units (in series)
Cable length	2 m, extendable to approx. 10 m with telephone cable	
		J-Y(ST)Y 2 x 2 x 0.6 mm, connect shield to ground.
Order No.:		170

**RolloTec brightness sensors**



By connecting the RolloTec brightness sensors surface-mounted to the RolloTec insert the sun protection function can be implemented. If the preset Lux value is exceeded, the shutter is lowered such that slits of light still come through.

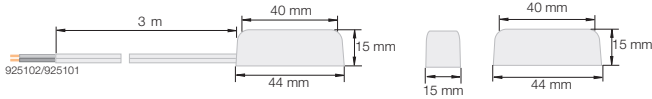
**RolloTec glass breakage sensor**



The glass breakage sensor can be connected in three different ways. (See sensor connection options)

Technical data	Magnetic contact order no. 925101/02
Contact	1 pole NCC contact
Number of wires	2
Operating distance	5 to 12 mm
Switching voltage	Max. 40 V=
Switching capacity	max. 10 W
Switching current	max. 0.5 A
Index of protection	IP67
	925102/925101

**Magnetic contact**



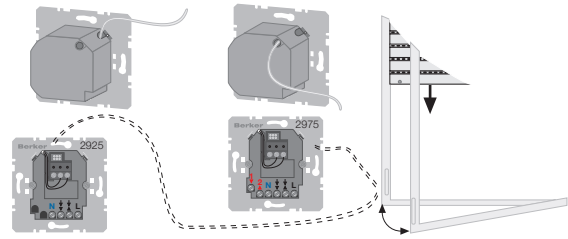
The adapter serves as an extension and to connect the connecting cables for a brightness sensor and a glass breakage sensor.

Technical data	RolloTec adapter for sensors order no. 171
Number of sensors on connector	Max. 1 brightness sensor and max. 1 glass breakage sensor

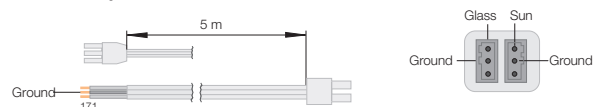
**Magnetic contact**

When the window is opened the roller shutter is closed. An up command on the associated individual control is the only way to move the roller shutter back up. Effective break-in protection is achieved by series connection of magnet contacts and glass breakage sensors.

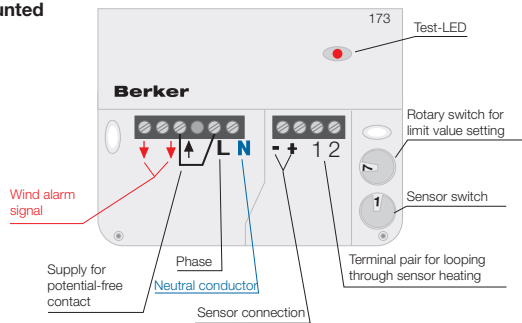
**Magnetic contact connection**



**RolloTec adapter for sensor**



**RolloTec interface surface-mounted for wind sensor**



Settings for the RolloTec interface surface-mounted for wind sensor

Sensor switch for type setting:  
1 = Berker / order no.: 172 (obsolete type)  
2 = Berker / order no.: 17201 and Thies / order no.: 4.3515.50.000 (heated)

The rotary switch sets the limit value:

Position of rotary switch	wind speed
1	Test
2	Test
3	3 Bft - approx. 3.3 m/s - 12 km/h
4	4 Bft - approx. 5.5 m/s - 20 km/h
5	5 Bft - approx. 8.0 m/s - 29 km/h
6	6 Bft - approx. 11.0 m/s - 40 km/h
7	7 Bft - approx. 14.1 m/s - 51 km/h
8	8 Bft - approx. 17.2 m/s - 62 km/h
9	9 Bft - approx. 20.8 m/s - 75 km/h
10	10 Bft - approx. 24.5 m/s - 88 km/h

Bft = Beaufort scale

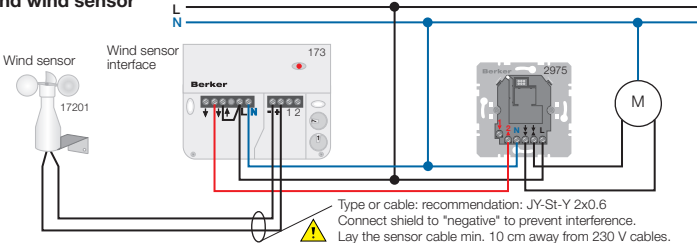
Function test:

Select rotary switch position 1 or 2 (test), start the wind sensor in rotation, the LED will flash. After 15 seconds continuous rotation (e.g. with a hair dryer) the contact will close.

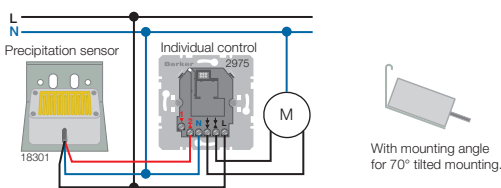
- ⚠ - Do not mount the install RolloTec wind sensor in wind shadow.
  - Ensure correct attachment position
  - The wind controller is weather-resistant and can be exposed to constant direct sunlight.
- The wind alarm has the top priority, i.e. the hanging is always raised and locked in the event of a wind alarm until the wind has dropped for at least 15 minutes.

Response time: Shutter is raised after 15 sec. above set value.

**RolloTec insert comfort with RolloTec interface surface-mounted for wind sensor and wind sensor**

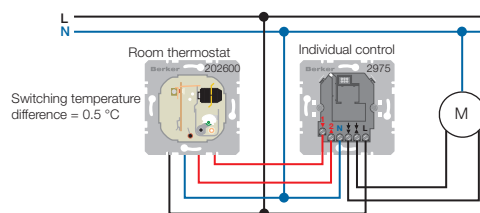


**RolloTec insert comfort with RolloTec precipitation sensor**



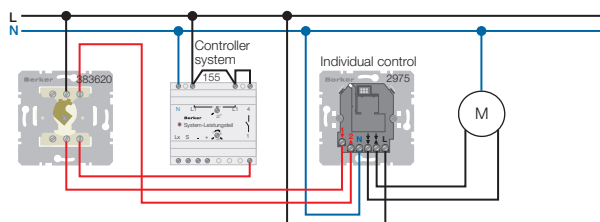
By connecting a precipitation sensor to extension unit input 2 ▲ in the event of precipitation the hanging (e.g. an awning) is retracted and locked shut until the precipitation stops (after approx. 2 minutes the moisture on the heated precipitation sensor has evaporated and it is unlocked).

**RolloTec insert comfort**

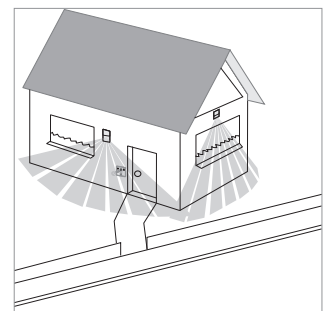


By connecting a thermostat insert, change-over to the extension unit inputs, the shutter is raised or lowered depending on the temperature (e.g. in a winter garden). Use only extension unit input 1 ▼ or 2 ▲ as desired.

**RolloTec in combination with blind switch and controller/controller system**



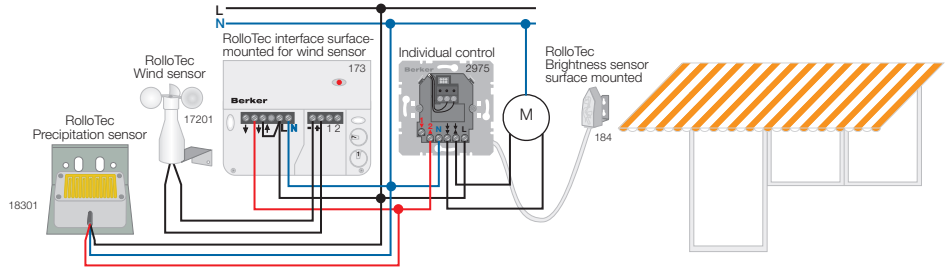
The key switch (blind switch 2pole) activates the controller/controller system, causing the shutters to be closed in the event of any unauthorised approach to the building. On arrival of the occupants, the roller shutters are raised by operating the key switch. A RolloTec timer can be used as a master control, automatically raising the roller shutters every morning while the occupants are away.



**Awning control with RolloTec wind/brightness and precipitation sensor**

**Function:** When the preset brightness is exceeded the shutter is lowered. In the event of precipitation and/or excessive wind, the shutter is retracted and locked until the precipitation stops and/or the wind drops.

**Priority:** Wind and rain before manual and brightness sensor command.



**RolloTec memory button**

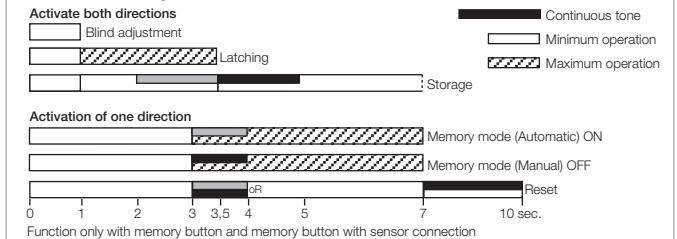
The memory button contains two functions: Push-button mode and automatic memory mode. Simply pressing the push-button (up/down) raises or lowers the shutter.

An up and/or down command can be taught-in and updated at any time by new ones. These commands are then executed automatically at the same time every day in memory mode.

When a manual action is performed in memory mode a short beep sounds indicating the set mode. (For settings see adjacent diagram)

Technical data	RolloTec memory button
Switching times	max. 2 (1 up and 1 down time)
Connection	Plug into RolloTec insert
Order No.:	1756.., 1757.. (with sensor connection)

**RolloTec memory button modes**



**RolloTec Easy timer**

The RolloTec Easy timer can be viewed as a simple individual or master control for roller blinds, shutters or awnings. The timer can be programmed for one up time and one down time, for Monday to Friday and Saturday to Sunday respectively. The Easy timer can be programmed for a period of 6 hours after removal from the RolloTec insert. Manual operation is possible at any time, of course.

The Easy timer does not process any extension and sensor signals or master commands.

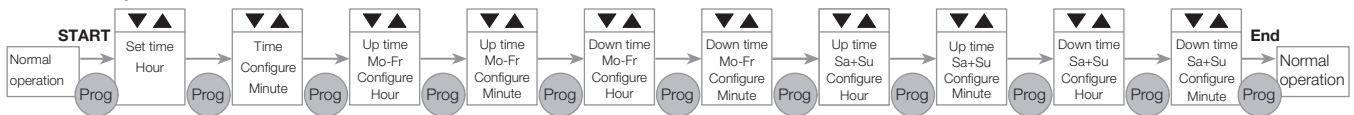
The RolloTec Easy timer comprises two modes:

Automatic: The programmed up/down time is executed automatically.

Manual: In this mode, the up/down time is ignored and operation is only possible manually using the up/down buttons.

**Programming**

**RolloTec Easy timer**



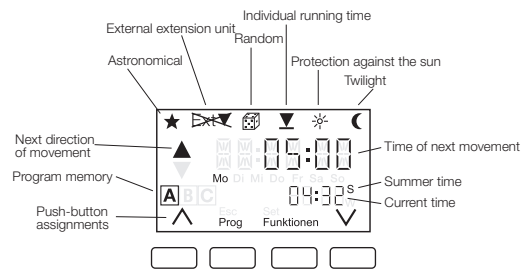
If a time of movement of 00:00 is set during programming, it is not executed. This means, for example, that by programming 7:00 ▲ and 00:00 ▼, the shutter is only raised in the morning. The shutter must then be lowered manually in the evening.

Quick programming permits the up and/or down times to be entered speedily and efficiently. This makes programming the switching times even easier. Press and hold down button ▲ and Prog simultaneously. The current time is stored as the up time for the current part of the week (Mo-Fr or Sa+Su, whichever is the case). If the button ▼ and the Prog. button are pressed simultaneously, the same is set for the down time.

**Product details of the RolloTec timer comfort**

- Operation via 4-button control pad
- Display the next time of movement with all active functions and the current time
- 3 programme memories (A, B) and (C) for up to 18 times of movement
- Factory preset programmed times of movement in 2 programme memories (A, B)
- Random function (programmed times of movement are displaced by up to ± 15 min.)
- Astronomical function (enables an automatic upwards movement of the shutter at daybreak and downwards movement at nightfall)
- Adjusting the astronomical function by shifting the astronomical time ± hours.
- Random and astro functions can be combined
- Automatic summer / winter time changeover (can be switched off)
- Individual motor running time adjustable 1 sec. to 6 min.
- Blade positioning time adjustable 0.1 to 5 sec.
- Evaluation of extension units the down direction can be switched off (protection against being locked out)
- Power reserve approx. 4 hrs.
- Programmed times of movement saved in non-volatile memory. Date and time remain saved for about 4 hours maintenance-free due to use of special capacitor.
- Wind alarm connected via extension unit (only with the RolloTec insert with extension unit function)
- Additional product details of the RolloTec timer comfort with sensor connection
- Sunlight protection function (evaluates external and internal sensors)
- Separate running time adjustment when using external sensor
- Twilight function (twilight-related lowering of shutters in connection with brightness sensors, dawn-related raising of shutters only in connection with surface-mounted brightness sensor)
- Glass breakage function

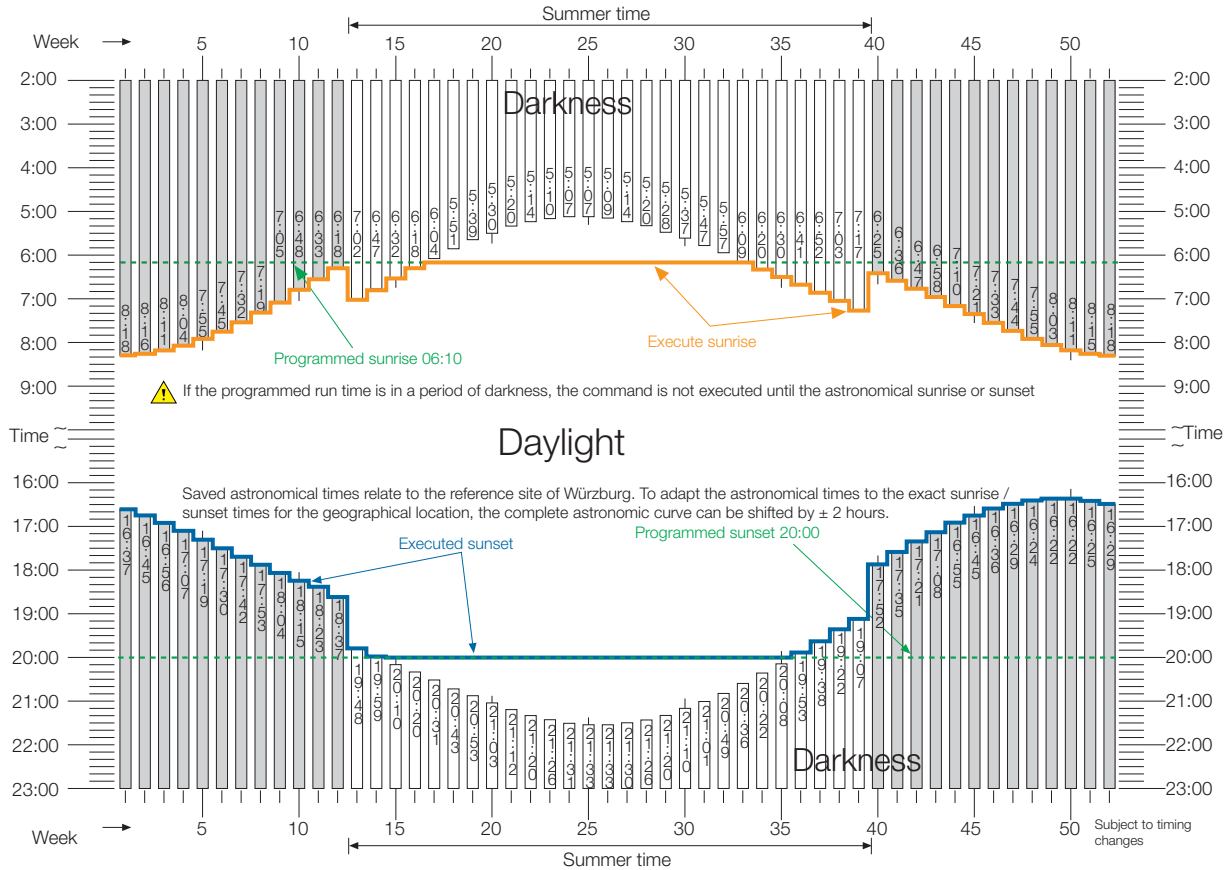
**RolloTec timer comfort display**



Technical data	RolloTec timer
Reversing time	min. 1 sec.
Accuracy	± 1 min. per month
Power reserve	approx. 4 hrs. (no battery required)
Switching times	max. 18 (in 3 programme memories)
Random generator	± 15 minutes
Astro programme	Adjustable by ± 2 hrs.
Running time programmable	1 sec. to 6 min. (default 2 min.)
Connection	Plug into RolloTec insert
Operating temperature	0 to 45 °C
Order No.:	1774.., 1775.. (with sensor connection)

⚠ When a glass breakage sensor or combination of glass breakage sensor and sun sensor is fitted, a reduction in the power reserve should be expected.

**Astronomic curve for RolloTec timer with adjustment for summer and winter time**



**Programming the RolloTec timer comfort**

Calling up programming menus

The menus can be selected by pressing the push-buttons as follows:

Press push-button **Prog** for less than 3 s → to programme the memory (A, B, C or manual mode).

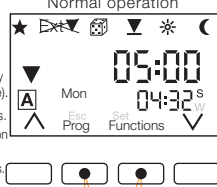
Press push-button **Prog** for more than 3 s → to programme travel times.

Press push-button **Funktion** for less than 3 s → to programme the switch on and switch off functions.

Press push-button **Funktion** for more than 3 s → to programme the functions.

Press push-button **Prog** + **Funktion** for more than 10 s → to change over between summer and winter for more than 10 s → to reset to factory settings

Normal operation



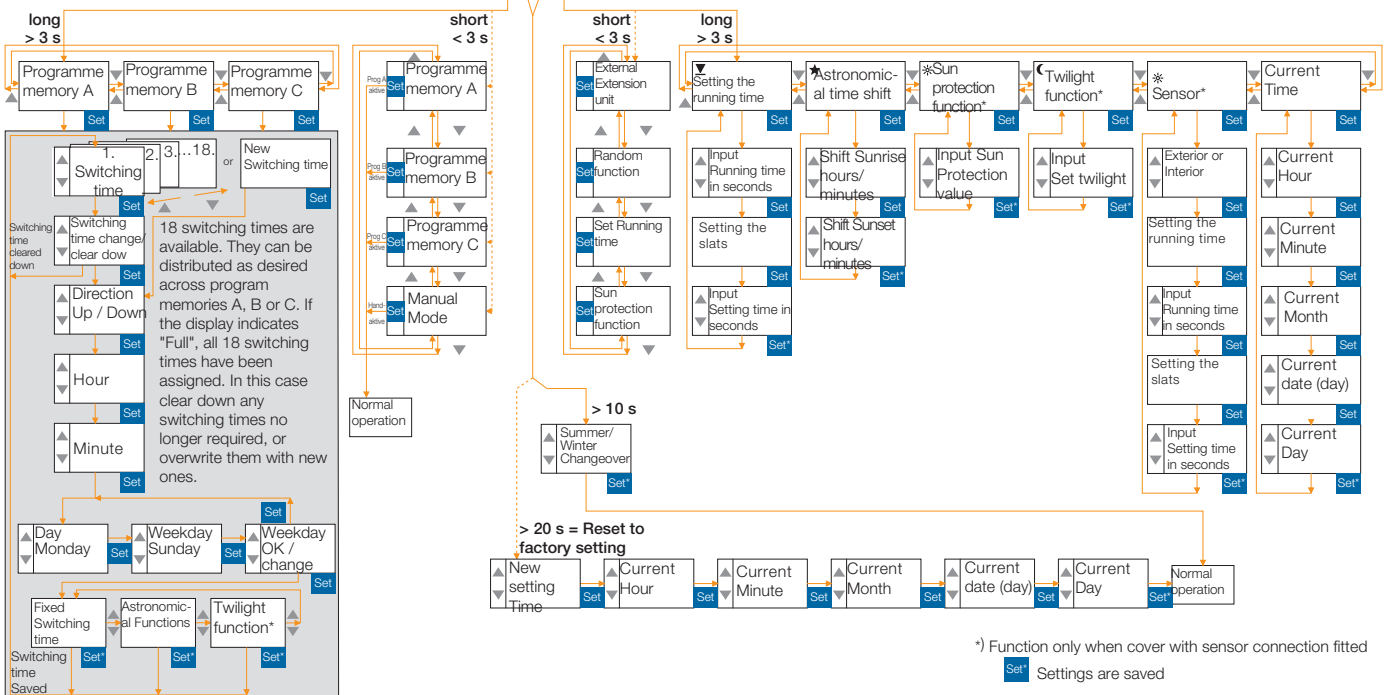
The push-button functions **Set** and **Esc** are available in the menus: Press **Set** → to confirm inputs.

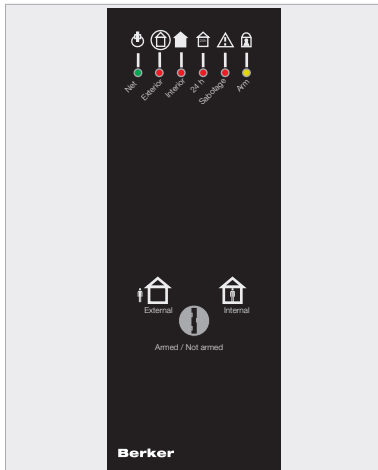
On exiting a submenu the changes are saved.

Press **Esc** → to abort editing

Changes are not saved, the display reverts to normal mode.

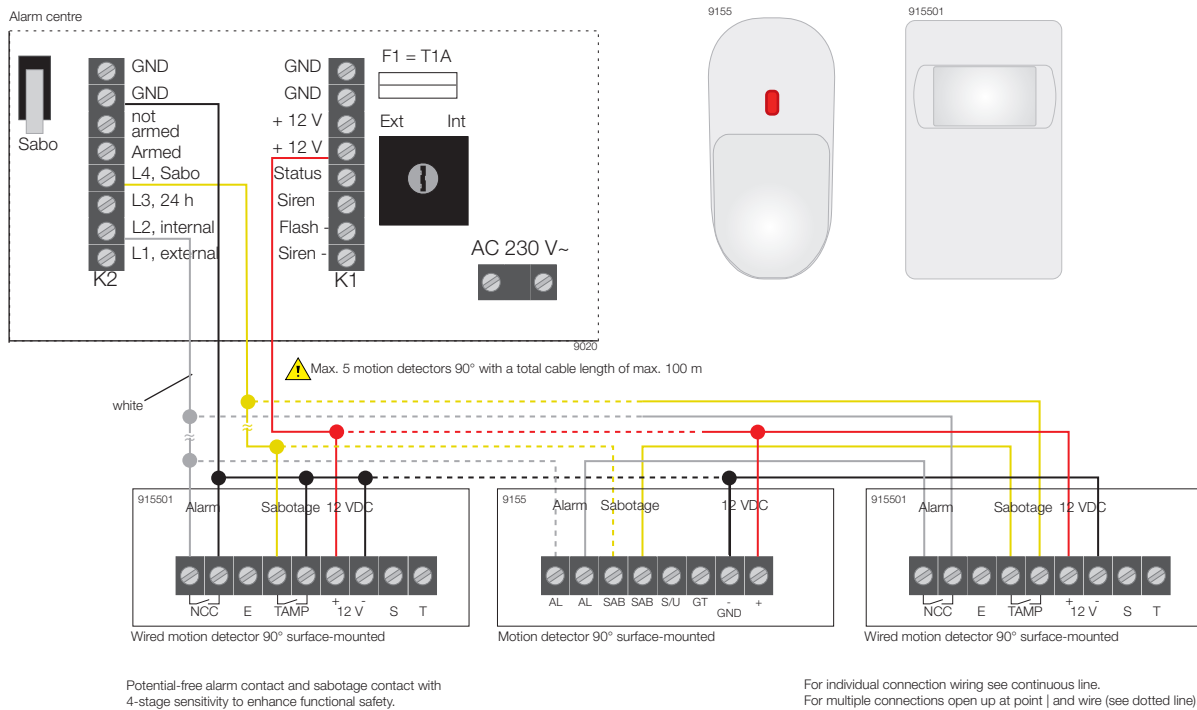
After 2 minutes without any push-button activation the timer reverts to normal mode.





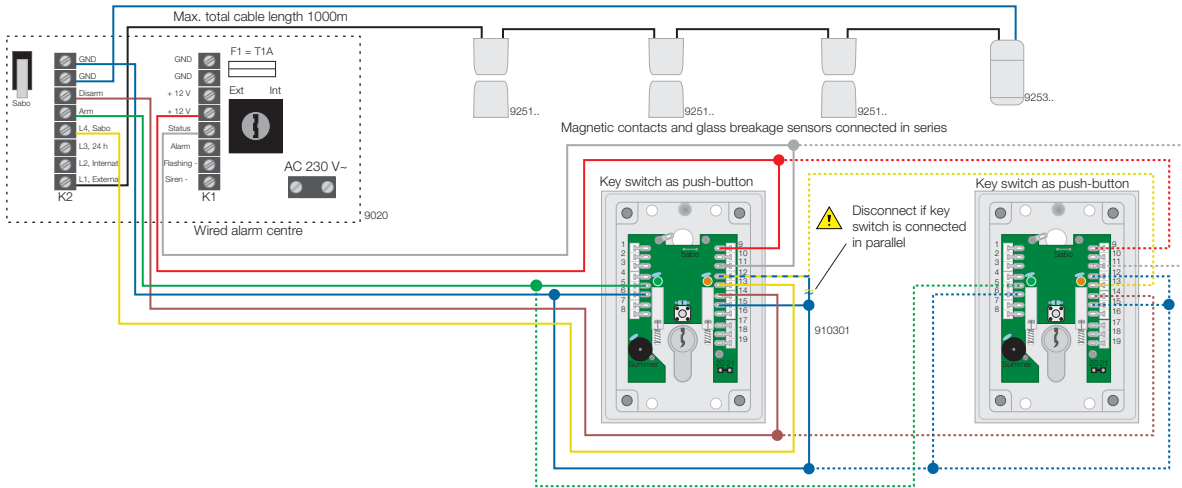
The alarm centre permits the setup of a low-cost alarm system using only wired components, e.g. to protect apartments or smaller properties.

Technical data	Alarm system
Operating voltage	230 V~, 50 Hz or 12 V=
Current input	10 mA- or 70 mA=
Emergency power supply	possible with Li battery pack: 14.4 V=, order no.: 921401
Output voltage for external devices	12 V=
Fuse for outputs flashing light and siren	T 1.25 A L
Loading capacity of the 12 V outputs	max. 1 A
Load capacity of alarm, status outputs	max. 10 mA
Buzzer volume	85 dBA at distance of 0.1 m
Pulse length for inputs	min. 0.4 sec.
Input switching	Closed < 4 kOhm Open > 100 kOhm
Siren duration	0 to 180 sec., adjustable
Arm/alarm delay	0 to 60 sec., adjustable
Operating temperature	0 to 50 °C
Index of protection	IP20
Dimensions (W x H x D)	165 x 215 x 48 mm
Order no.:	9020

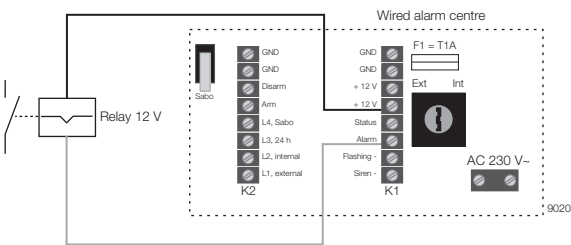


- Burglar alarm systems are used to signal attempts to break in as early as possible. They supplement mechanical security measures. All property protection is based on mechanical security measures such as strong doors and windows, additional bolts etc., which provide the greatest possible resistance against burglars.
- Burglar alarm systems should be installed in such a way that they detect and signal the attempts to break in, e.g. damage to doors and windows, as quickly as possible. The control centre must be housed in a specially secured location.
- Burglar alarm systems must be installed in such a way that no false alarms are possible:
  - Every false alarm weakens a security system as it loses credibility.
  - False alarms can result in call-out costs.
- Measures for prevention of false alarms:
  - Positive operation when armed, with alarm delay time: The alarm delay time means that, upon entering the property, you have time (adjustable between 0 and 60 seconds) to disarm the alarm centre before the alarm is triggered.
  - Selecting the position of motion detectors: Motion detectors should not be directed towards heating or air-conditioning equipment, fax machines, automatic lights, windows or areas with strong air movement. Temperature differences in these areas can trigger an alarm.
  - Passive glass breakage detectors on single glazing (these detectors are triggered when a coin is tapped against the window).
- All alarm system components accessible from outside must be protected against sabotage.
- Alarm sensors should be installed so as to be clearly visible but out of reach.
- Switching devices should be electronically protected against sabotage.

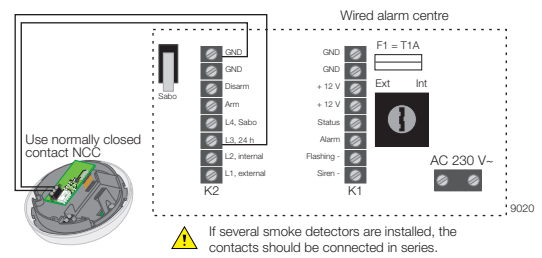
**Key switch magnetic contacts and glass breakage sensors at wired alarm centre**



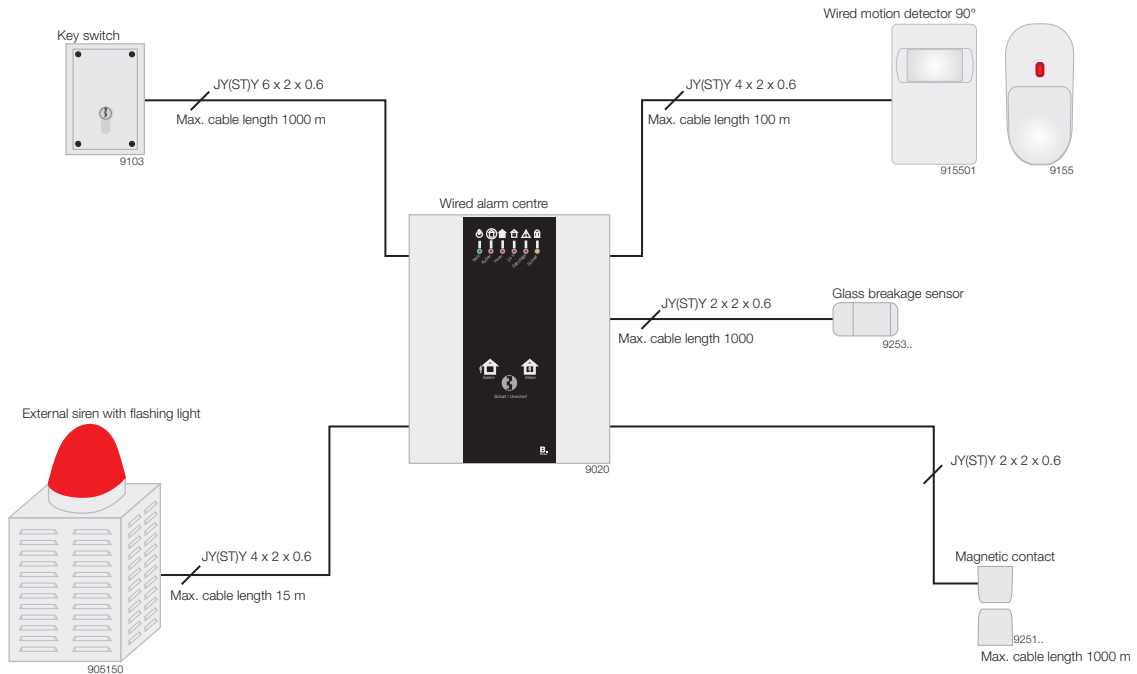
**Relay for RolloTec and/or panic lighting at alarm centre**



**Smoke detector with relay module at alarm centre**



**Recommended cable types for connection of wired components to wired alarm centre**



Receiver function		KNX radio button, quicklink 1-gang, 2-gang, 4-gang ■ on dimmer insert ▨ on switch insert □ on both inserts	KNX radio motion detector comfort 1.1 / 2.2 m quicklink ■ on dimmer insert ▨ on switch insert □ on both inserts	Radio timer quicklink																																	
Transmitter function																																					
	Order no.	8514 51 xx /61 xx 8564 81 xx	8534 51 xx 8534 61 xx	8574 52 xx																																	
KNX radio hand-held transmitter 2-channel; 4-channel; 6-channel; 18-channel KNX radio wall transmitter, 1-/2-gang, flat, solar quicklink KNX radio wall transmitter 1-/2-gang, flat, quicklink	 8560 10/20 00 8560 30/31 00 8565 51/61 xx 8565 52/62 xx	<table border="1"> <tr><td>on/off</td><td>on</td><td>off</td><td>On/off, dimming -</td></tr> <tr><td>▨</td><td>⌚</td><td>-</td><td>+</td></tr> <tr><td></td><td></td><td></td><td>-</td></tr> </table>	on/off	on	off	On/off, dimming -	▨	⌚	-	+				-	<table border="1"> <tr><td>on/off</td><td>on</td><td>off</td><td>On/off, dimming -</td></tr> <tr><td>▨</td><td>⌚</td><td>-</td><td>+</td></tr> <tr><td></td><td></td><td>24h</td><td>-</td></tr> </table>	on/off	on	off	On/off, dimming -	▨	⌚	-	+			24h	-	<table border="1"> <tr><td>on/off</td><td>on</td><td>off</td></tr> <tr><td>▨</td><td>⌚</td><td>-</td></tr> <tr><td></td><td></td><td>-</td></tr> </table>	on/off	on	off	▨	⌚	-			-
on/off	on	off	On/off, dimming -																																		
▨	⌚	-	+																																		
			-																																		
on/off	on	off	On/off, dimming -																																		
▨	⌚	-	+																																		
		24h	-																																		
on/off	on	off																																			
▨	⌚	-																																			
		-																																			
KNX radio button, quicklink 1-gang, 2-gang, 4-gang	 8514 51 xx 8514 61 xx 8564 81 xx	<table border="1"> <tr><td>on/off</td><td>on</td><td>off</td><td>On/off, dimming -</td></tr> <tr><td>▨</td><td>⌚</td><td>-</td><td>+</td></tr> <tr><td></td><td></td><td>24h</td><td>On/off, dimming +</td></tr> </table>	on/off	on	off	On/off, dimming -	▨	⌚	-	+			24h	On/off, dimming +	<table border="1"> <tr><td>on/off</td><td>on</td><td>off</td><td>On/off, dimming -</td></tr> <tr><td>▨</td><td>⌚</td><td>-</td><td>+</td></tr> <tr><td></td><td></td><td>24h</td><td>On/off, dimming +</td></tr> </table>	on/off	on	off	On/off, dimming -	▨	⌚	-	+			24h	On/off, dimming +	<table border="1"> <tr><td>on/off</td><td>on</td><td>off</td></tr> <tr><td>▨</td><td>⌚</td><td>-</td></tr> <tr><td></td><td></td><td>-</td></tr> </table>	on/off	on	off	▨	⌚	-			-
on/off	on	off	On/off, dimming -																																		
▨	⌚	-	+																																		
		24h	On/off, dimming +																																		
on/off	on	off	On/off, dimming -																																		
▨	⌚	-	+																																		
		24h	On/off, dimming +																																		
on/off	on	off																																			
▨	⌚	-																																			
		-																																			
KNX radio timer, quicklink	 8574 52 xx	<table border="1"> <tr><td></td><td>on</td><td>off</td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>		on	off							<table border="1"> <tr><td></td><td>on</td><td>off</td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>		on	off							<table border="1"> <tr><td></td><td>on</td><td>off</td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>		on	off												
	on	off																																			
	on	off																																			
	on	off																																			
KNX radio blind button quicklink	 8524 51 xx																																				
KNX radio blind time switch, quicklink	 8574 51 xx																																				
KNX radio motion detector comfort 1.1 m quicklink KNX radio motion detector comfort 2.2 m quicklink KNX radio controller 220° AP KNX radio controller 220° AP solar	 8534 51/61 xx 8536 51 00 8536 52 00 8536 51 99 8536 52 99	<table border="1"> <tr><td></td><td>on</td><td>off</td></tr> <tr><td></td><td>⌚</td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>		on	off		⌚					<table border="1"> <tr><td></td><td>on</td><td>off</td></tr> <tr><td></td><td>⌚</td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>		on	off		⌚					<table border="1"> <tr><td></td><td>on</td><td>off</td></tr> <tr><td></td><td>⌚</td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>		on	off		⌚										
	on	off																																			
	⌚																																				
	on	off																																			
	⌚																																				
	on	off																																			
	⌚																																				
KNX radio motion detector comfort 1.1/2.2 m on mains insert	 8534 51 xx 8534 61 xx		<table border="1"> <tr><td></td><td></td><td></td><td>▶</td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </table>				▶																														
			▶																																		
KNX radio switch actuator, 1-gang/binary input, 1-gang, flush-mounted, surface-mounted KNX radio blind actuator, 1-gang/binary input, 2-gang, flush-mounted KNX radio binary input, 2-gang, flush-mounted KNX radio binary input, 2-gang, 230 V, flush-mounted	 8587 51 00 8586 51 00 8527 51 00 8587 61 00 8587 62 00	<table border="1"> <tr><td>on/off</td><td>on</td><td>off</td><td>On/off, dimming -</td></tr> <tr><td>▨</td><td>⌚</td><td>-</td><td>+</td></tr> <tr><td></td><td></td><td></td><td>-</td></tr> </table>	on/off	on	off	On/off, dimming -	▨	⌚	-	+				-	<table border="1"> <tr><td>on/off</td><td>on</td><td>off</td><td>On/off, dimming -</td></tr> <tr><td>▨</td><td>⌚</td><td>-</td><td>+</td></tr> <tr><td></td><td></td><td>24h</td><td>-</td></tr> </table>	on/off	on	off	On/off, dimming -	▨	⌚	-	+			24h	-	<table border="1"> <tr><td>on/off</td><td>on</td><td>off</td></tr> <tr><td>▨</td><td>⌚</td><td>-</td></tr> <tr><td></td><td>on</td><td>off</td></tr> </table>	on/off	on	off	▨	⌚	-		on	off
on/off	on	off	On/off, dimming -																																		
▨	⌚	-	+																																		
			-																																		
on/off	on	off	On/off, dimming -																																		
▨	⌚	-	+																																		
		24h	-																																		
on/off	on	off																																			
▨	⌚	-																																			
	on	off																																			
KNX radio brightness sensor, surface-mounted	 8580 11 00																																				
KNX radio magnetic contact	 8580 12 00	<table border="1"> <tr><td></td><td>on</td><td>off</td></tr> <tr><td>▨</td><td>⌚</td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>		on	off	▨	⌚					<table border="1"> <tr><td></td><td>on</td><td>off</td></tr> <tr><td>▨</td><td>⌚</td><td></td></tr> <tr><td></td><td>on</td><td>off</td></tr> </table>		on	off	▨	⌚			on	off	<table border="1"> <tr><td></td><td>on</td><td>off</td></tr> <tr><td>▨</td><td>⌚</td><td></td></tr> <tr><td></td><td>on</td><td>off</td></tr> </table>		on	off	▨	⌚			on	off						
	on	off																																			
▨	⌚																																				
	on	off																																			
▨	⌚																																				
	on	off																																			
	on	off																																			
▨	⌚																																				
	on	off																																			

Functions through radio command





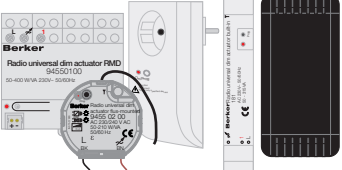
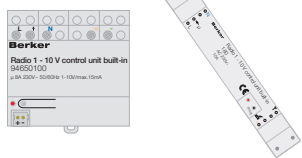
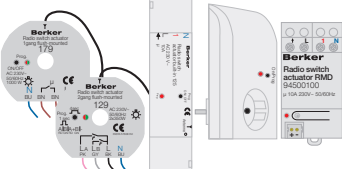
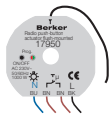
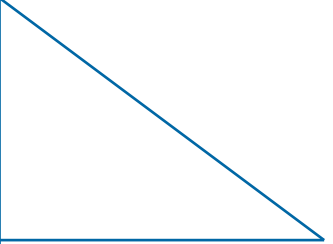
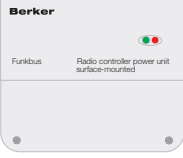
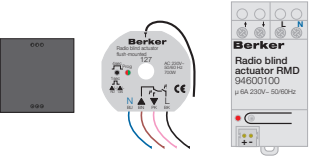
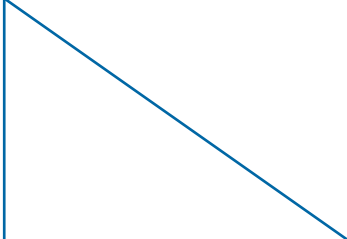
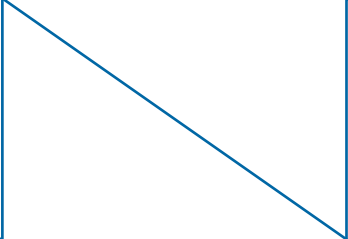
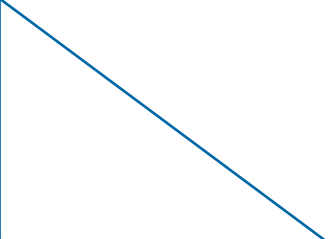
- on/off** On/off, toggling
- on** On
- off** Off
- On/off, dimming +/-
- On/off, dimming +

- On/off, dimming -
- +** On, dimming +
- Off, dimming -
- Scene 1 + 2
- Timer 1 s to 3 hrs.

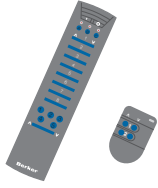
- Contact closed, on, contact open, off
- Forced on
- Forced off
- 24 h repeat
- Move up, stop



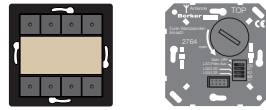


<p>Transmitter</p> <p>Receiver</p>	<p>9420..</p> 	<p>1740109</p> 	<p>1829909</p> 
<p>1760..</p> 	<p><b>Radio controller flat</b></p> <ul style="list-style-type: none"> <li>For switch inserts: switch on at brightness approx. 0 ... 80 lx/daytime operation programmable, with delay time 1 minute, retriggering</li> <li>For dimmer inserts: switch on to saved memory value at brightness approx. 0 ... 80 lx/daytime operation programmable, with delay time 1 minute, retriggering</li> </ul>	<p><b>Radio controller surface-mounted</b></p> <ul style="list-style-type: none"> <li>For switch inserts: switch on at brightness &lt; 80 Lux, with 1 minute delay time, retriggering</li> <li>For dimmer inserts: switch on to saved memory value when brightness &lt; 80 Lux, with 1 minute delay time, retriggering</li> </ul>	<p><b>Radio presence detector surface-mounted</b></p> <p>Only for BLC radio buttons with imprint R2 or higher</p> <ul style="list-style-type: none"> <li>Switching On/Off depending on brightness and movement, switch-on time and required brightness value programmable</li> <li>With BLC dimmer inserts constant light control</li> </ul>
<p><b>BLC radio button</b></p> <p>128 / 181 / 1781009 / 94550100 / 94550200</p> 	<ul style="list-style-type: none"> <li>Switch on to saved memory value at brightness approx. 0 ... 80 lx/daytime operation programmable, with delay time 1 minute, retriggering</li> </ul>	<ul style="list-style-type: none"> <li>Switch on to saved memory value when brightness &lt; 80 Lux, with 1 minute delay time, retriggering</li> </ul>	<p>Only for radio universal dim actuator with imprint R2 (or higher) and RMD</p> <ul style="list-style-type: none"> <li>Switching On/Off depending on brightness and movement, switch-on time and required brightness value programmable</li> <li>Constant light control</li> </ul>
<p><b>Radio universal dim actuator</b></p> <p>180 / 94650100</p> 	<ul style="list-style-type: none"> <li>Switch on to saved memory value at brightness approx. 0 ... 80 lx/daytime operation programmable, with delay time 1 minute, retriggering</li> </ul>	<ul style="list-style-type: none"> <li>Switch to saved memory value when brightness &lt; 80 Lux, with 1 minute delay time retriggering</li> </ul>	<p>Only for radio control units with imprint R2 or higher (except RMD)</p> <ul style="list-style-type: none"> <li>Switching On/Off depending on brightness and movement, switch-on time and required brightness value programmable</li> <li>Constant light control</li> </ul>
<p><b>Radio 1 - 10 V control unit built-in</b></p> <p>179 / 129 / 125 / 1789909 / 94500100 / 94500200</p> 	<ul style="list-style-type: none"> <li>Switch on at brightness approx. 0 ... 80 lx/daytime operation programmable, with delay time 1 minute, retriggering</li> </ul>	<ul style="list-style-type: none"> <li>Switch on at brightness &lt; 80 Lux, with 1 minute delay time, retriggering</li> </ul>	<p>Only for radio switch actuator with imprint R2 or higher (except RMD)</p> <ul style="list-style-type: none"> <li>Switch on/off depending on brightness and movement, switch-on time and required brightness value programmable</li> </ul>
<p><b>Radio switch actuators</b></p> <p>17950</p> 	<ul style="list-style-type: none"> <li>Impulse with adjustable brightness approx. 0 ... 80 lx/daytime operation, not after-triggering</li> </ul>	<ul style="list-style-type: none"> <li>Impulse with adjustable brightness approx. 0 ... 80 lx/daytime operation, not after-triggering</li> </ul>	
<p><b>Radio push-button actuator</b></p> <p>17509</p> 	<ul style="list-style-type: none"> <li>Switch on at brightness approx. 3 - 80 Lux programmable, with programmable delay time 10 sec. - 15 min. retriggering</li> </ul>	<ul style="list-style-type: none"> <li>Switch on at brightness approx. 3 - 80 Lux programmable, with programmable delay time 10 sec. - 15 min. retriggering</li> </ul>	<p>Only for radio controller power pack with imprint R2 or higher</p> <ul style="list-style-type: none"> <li>Switch on at brightness &lt; 3 - 80 Lux programmable, with programmable delay time 10 sec. - 15 min. retriggering</li> </ul>
<p><b>Radio controller power unit surface-mounted</b></p> <p>1758.. / 1759.. / 127 / 94600100</p> 			

2766 / 2769

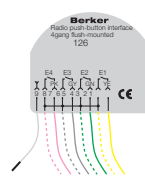


2764 / 2721.. / 2722.. / 2723.. / 2724..



**Radio wall transmitters, flat  
Radio transmitter insert**

126



**Radio push-button interface 4gang  
flush-mounted**

12410



**Radio transmitter 2gang  
flush-mounted**

**Radio hand-held transmitter comfort / mini**

- Switching
- Dimming
- Comfort hand-held transmitter only
- Retrieve light scenes
- Master dimming function
- All on/off central functions

- Depending on setting
- Switching
  - Dimming
  - Retrieve light scenes  
(Storage can be blocked in flat transmitter)
  - All on/off central functions

- Depending on setting
- Switching
  - Dimming
  - Retrieve light scenes
  - All on/off central functions

- Depending on setting
- Switching
  - Dimming

- Switching
- Dimming
- Comfort hand-held transmitter only
- Retrieve light scenes
- Master dimming function
- All on/off central functions

- Depending on setting
- Switching
  - Dimming
  - Retrieve light scenes  
(Storage can be blocked in flat transmitter)
  - All on/off central functions

- Depending on setting
- Switching
  - Dimming
  - Retrieve light scenes
  - All on/off central functions

- Depending on setting
- Switching
  - Dimming

- Switching
- Dimming
- Comfort hand-held transmitter only
- Retrieve light scenes
- Master dimming function
- All on/off central functions

- Depending on setting
- Switching
  - Dimming
  - Retrieve light scenes  
(Storage can be blocked in flat transmitter)
  - All on/off central functions

- Depending on setting
- Switching
  - Dimming
  - Retrieve light scenes
  - All on/off central functions

- Depending on setting
- Switching
  - Dimming

- Switching
- Comfort hand-held transmitter only
- Retrieving light scenes (on/off)
- All on/off central functions

- Depending on setting
- Switching
  - Retrieve light scenes  
(Storage can be blocked in flat transmitter)
  - All on/off central functions

- Depending on setting
- Switching
  - Buttons (see bell operation)
  - Retrieving light scenes (on/off)
  - All on/off central functions

- Switch setting
- Switching
  - Buttons (see bell operation)

- Actuator contacts close for the duration of the activation max. 12 seconds

- Actuator contacts close for the duration of the activation max. 12 seconds

- Actuator contacts close for the duration of the activation max. 12 seconds

- Actuator contacts close for the duration of the activation max. 12 seconds

- Switch on for delay time
- Switch ON/OFF for 2 hours (party function)

- Depending on setting
- Switch on for delay time
  - Switch ON/OFF for 2 hours (party function))

- Depending on setting
- Switch on for delay time
  - Switch ON/OFF for 2 hours (party function)

- Switch setting
- Switch on for delay time
  - Switch ON/OFF for 2 hours (party function)

- Open close blind
- Slat adjustment
- Comfort hand-held transmitter only
- Retrieve light scenes open/close end positions
- All OPEN/CLOSE end position central functions

- Depending on setting
- Open close blind
  - Slat adjustment
  - Retrieve light scenes open/close end positions
  - All OPEN/CLOSE end position central functions

- Depending on setting
- Open close blind
  - Slat adjustment
  - Retrieve light scenes open/close end positions
  - All OPEN/CLOSE end position central functions

- Depending on setting
- Open close blind
  - Slat adjustment

**Free field definition**

Dependence of transmission range on mounting height	
Theoretical transmission range	Receiver mounting height
100 m	> 2 m
56 m	1.5 m
34 m	1.0 m
28 m	0.8 m
23 m	0.6 m
18 m	0.4 m
13 m	0.2 m

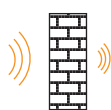
In every property in which the Radio Bus is to be installed there are favourable and unfavourable locations for the installation of appliances. In borderline cases the selection of the installation location can be decisive in determining the proper functioning of a radio link. Consequently, the following criteria should be taken into account in planning and installation:

Preconditions for measurement of the free field range

- level floor.
- horizontal distance of interfering objects from any point along the straight-line transmitter - receiver path > 20 m.
- height of transmitter/receiver > 2 metres above the floor.
- optimum alignment of aerial (stretched out straight).
- damp ground.

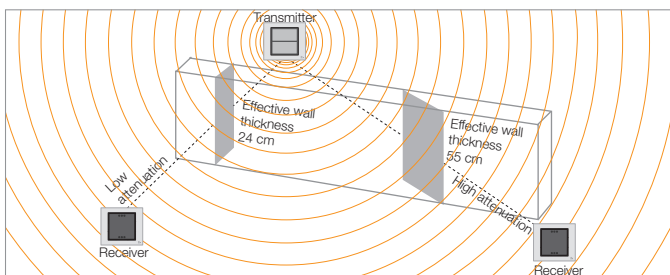
**■ Penetration of radio signals**

- Material
- Wood, plaster, unlaminated glass
  - Brick, pressboard panels
  - Reinforced concrete
  - Metal, metal grilles, aluminium laminations
  - Rain, snow



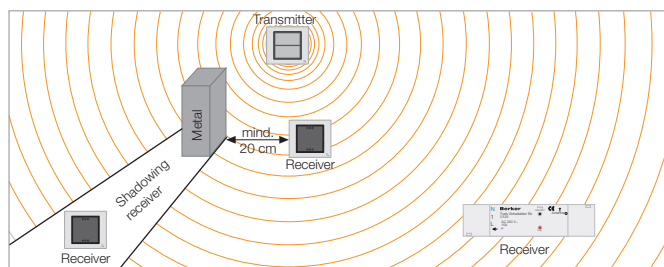
- Penetration approx. 90 %  
approx. 70 %  
approx. 30 %  
approx. 10 %  
approx. 0 - 40 %

- The link between the transmitter and the receiver should be chosen such that it runs for as short a distance as possible through masonry or other attenuating materials. Wall niches, in particular, should be avoided.



- The mounting height of transmitters and receivers should not be below 50 cm.
- The distance between transmitters and receivers should be at least 1 m and at least 10 cm between receivers.
- As far as possible all transmitter and receiver aerials should be aligned vertically or horizontally.
- Do not shorten, extend or strip the aerials as they are precisely co-ordinated to the wavelength of the signal frequency.
- A minimum distance of 3 m should be maintained to radio components of other function groups, e.g. radio headphones or radio telephones.
- Computers, audio/video systems, microwaves or electronic transformers and ballasts are high-frequency interference sources. Maintain a minimum distance of 50 cm to these units wherever possible.
- Transmitters or receivers which handle centralised tasks building-wide (e.g. ALL OFF or central shutter control) should also be placed at a central location whenever possible. Unfavourable links running diagonally through the entire building should be avoided.
- If reception is irregular, it is often sufficient to move the transmitter or receiver by just a few centimetres. This reception interference often occurs due to partitioning, obliteration or reflection of the radio signal, as is familiar from car radios and mobile phones for example.

- The distance to large metal surfaces, e.g. metal doors and frames, aluminium blinds or metal cupboards should be as large as possible (several decimetres).

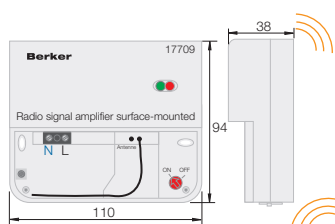


- Do not install transmitters and receivers behind metallic or conductive surfaces, e.g. anti-static floor, insulation with metal laminating, cable lines, metal louvered ceilings, panels containing carbon fibres, hot water heaters, electric underfloor heating systems etc.  
Remedy: If possible lead the aerial through the material.
- Windows with heat insulating glass based on metal insulation severely attenuate or reflect radio signals.
- Damp in ceiling and walls, or snow in outdoor areas, severely attenuates or reflects radio signals.
- Radio reception can be checked at any time prior to installation using a transmitter and a receiver. The state of completion of the building should be taken into account, e.g. dryness of plaster and floor paving or presence of doors and cladding.
- To prevent superimposition of telegrams, radio actuators may not be used to actuate any other radio transmitters.
- Radio telegrams within a "radio zone" should only be repeated using a radio signal amplifier as otherwise telegram superimposition can occur. The signal amplifier should be a minimum distance of 1 m from transmitters and receivers to prevent overloads.
- No more than 8 radio presence detectors should be used within a "radio zone". If there is constant presence in the detection range, the telegram frequency could result in telegram superimposition in the radio channel.
- The radio presence detector may only be operated with alkaline batteries, as they are the only ones with sufficient power current carrying capacity.
- The connecting cables for the radio push-button interface may only be extended to a maximum of 5 m using twisted pair cables with a cross-section of approx. 0.2 mm<sup>2</sup> per channel.

**Radio signal amplifier**

If a link is subject to a high degree of attenuation, or if the 100 metre radio range is insufficient, rendering transmission of the radio signals impossible, a radio signal amplifier can be installed at around half range as a repeater. It can amplify up to 60 transmission channels. All radio telegrams of the Radio Bus system are understood, but only the taught-in ones are amplified. Cascading of radio signal amplifiers is not possible. That is to say, radio signal amplifiers do not amplify radio telegrams from other radio signal amplifiers.

The Radio Bus planning instructions must be followed



Technical data	Radio signal amplifier surface-mounted order no. 17709
Power supply unit	230 V~, 50/60 Hz
Standby power consumption	approx. 1.10 W
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Radio codes (assigned once per channel)	> 1 billion
Number of radio codes (channels) to amplify	60
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 55 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Dimensions (L x W x H)	110 x 38 x 94 mm

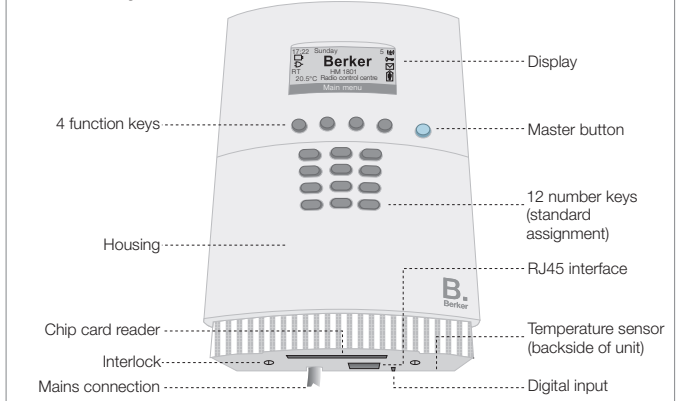
**Radio Bus control centre HM 1801**

The unit is used as a radio control centre for all Radio Bus transmitters and actuators (except radio controller power pack and KNX radio receiver). The HM 1801 expands the radio installation, e.g. to include timer controlled and automated functions for lighting and shutter/awning control. Radio Bus components can be actuated and linked. Data backup and any software updates are carried out using chip cards – additional connections permit future functions to be added.

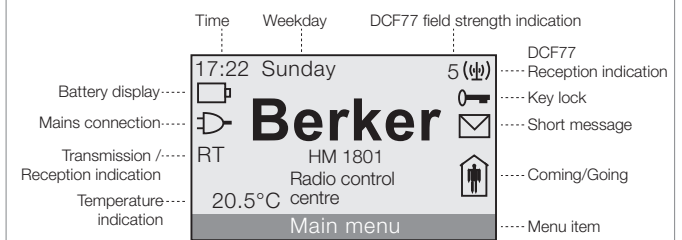
**Functions**

- Commissioning assistant
- Menu-driven operation with function keys
- Save and retrieve the last status by using the coming in/going out function.
- Easy operation and short messages via text-based illuminated display
- Accurate time controls with integrated radio clock (DCF77)
- Indication of time and room temperature
- Integrated Piezo buzzer with adjustable volume
- Key lock similar to mobile phone
- Save and load configurations/programmes using chip card
- Integrated radio signal amplifier function
- Transmitters and receivers can be taught in battery mode
- Emergency power supply
- Master functions such as ALL ON and ALL OFF (panic button)
- Switch and call up dimmer values
- Rapid selection of light scenes using number keys
- Easy configuration thanks to preset texts
- Teaching-in and testing of Radio Bus transmitters
- Battery low display for Radio Bus transmitters
- Lock and unlock radio control sections by time or radio transmitter
- Random time control, e.g. to simulate presence in building
- Time control for blind with running time setting
- Time-dependent controller monitoring
- Configuration lock for reprogramming using PIN

**Unit summary**



**Display (initial display)**



**Ranges/mounting location**

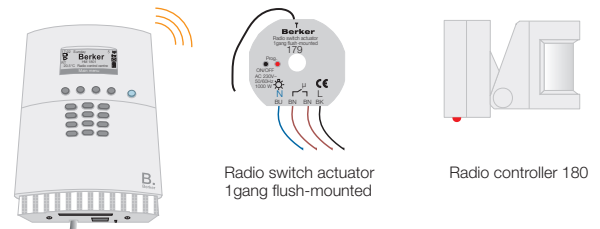
⚠ Always follow the Radio Bus planning instructions!

The range always depends on the local conditions. When choosing the mounting location, ensure that the display can be read without glare and that there is a DCF77 reception.



**Example of use: time-dependent controller monitoring**

The garden lighting is to be operated by the controller after a particular time: Using the menu system in the display, specify a time as a condition in the HM 1801 linking function. In addition, set the delay time for the actuator.



Technical data	
Power supply unit	230 V~, 50/60 Hz
Emergency power supply (batteries)	5 x Micro Alkaline (LR 03)
Battery life	approx. 6 hours in continuous operation without the mains
Symbol flashing battery in display	Change batteries
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA countries)	Yes
Number of channels	32 transmitters / 32 receivers
System radio codes	> 1 billion
Signal amplifier	Integrated, max. 100 m, not cascadable
Mains cable	H 03 V V-F, 2 x 0.75

Radio Bus control centre HM 1801 order no. 2700	
Controls	4 function keys, master button, 12 number keys
Display	LC, 7 lines x 20 characters, illuminated
Radio clock	DCF 77
Buzzer	Piezo, ≥ 65 dB(A)
Interfaces	Chip card reader RJ45 socket
Radio interference suppression	according to EN 55015
Operating temperature	4 to 40 °C
Index of protection	IP20
Dimensions (L x W x H)	230 x 140 x 50 mm

Additional HM1801 master card	
Order No.:	2700 01

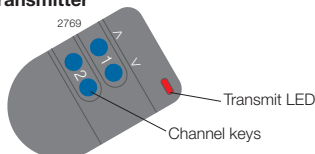
**Mini hand-held radio transmitter**

The Mini hand-held radio transmitter permits cordless remote control. When a key is pressed, an encrypted radio telegram is sent, which is understood by all the radio receivers in the Radio Bus system.

2 channels can be used for on/off, brighter/darker or up/down commands

**Mini hand-held radio transmitter**

⚠ The Radio Bus planning instructions must be followed.



Technical data		Mini hand-held radio transmitter order no. 2769
Power supply unit		3 V-
Batteries		1 x lithium coin cell (type CR20 32)
Battery life		approx. 3 years
Transmission frequency		433.42 MHz, (ASK)
Transmission range		max. 30 m (free field)
Transmission power		< 10 mW
R&TTE approval (for EU and EFTA states)		Yes
Number of channels		2
Radio codes (assigned once per channel)		> 1 billion
Operating temperature		0 to 55 °C
Dimensions (L x W x H)		73 x 40 x 19 mm

**Radio hand-held transmitters comfort**

Radio hand-held transmitters permit cordless remote control. When a key is pressed, an encrypted radio telegram is sent which is understood and evaluated by all the radio receivers in the Radio Bus system.

Three groups (A, B, C) are available, each with 8 channels (1, ... 8), meaning 24 radio channels can be used for on/off, lighter/darker or up/down commands.

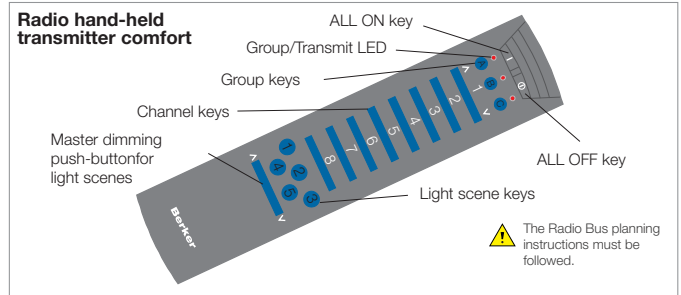
Touch functions are called up for on/off, brighter/darker or up/down commands or special functions "All Off" or "Light Scene".

With the radio hand-held transmitter comfort, 5 light scenes can be stored and retrieved.

A light scene may be composed of:

- fixed dimming value for lighting (approx. 10 % to 100 % brightness), and/or
- fixed switching state of a load (e.g. fan, light on/off), and/or
- fixed end position of a shutter (shutter up / down).

When using BLC dimmer inserts with BLC radio buttons, radio dimmers built-in or radio button control unit 1-10 V, the master dimming push-button is used to make an entire light scene lighter/darker or switch it off.



Technical data	Radio hand-held transmitter comfort order no. 2766
Power supply unit	6 V=
Battery	4 x micro, alkaline (LR 03)
Battery life	approx. 3 years
Repeated flashing of all LEDs when transmitting	batteries flat, replace
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	YES
Number of channels	24 in 3 groups A, B, C
Radio codes (assigned once per channel)	> 1 billion
Light scenes	5
Operating temperature	0 to 55 °C
Dimensions (L x W x H)	192 x 53 x 23 mm

**Radio wall transmitter flat**

The flat radio wall transmitter flat permits cordless, permanently installed remote control in electrical installations.

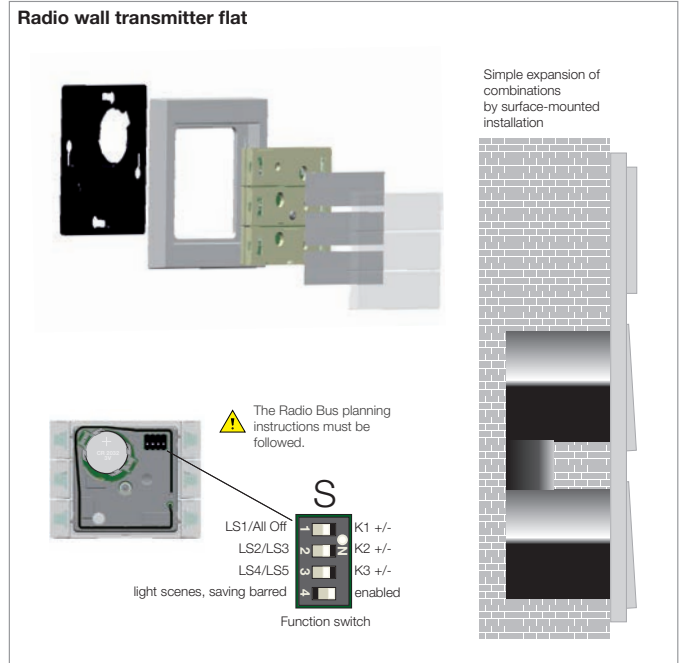
When a key is pressed, the flat transmitter sends an encrypted radio telegram, which is understood and evaluated by all the radio receivers in the Radio Bus system.

The keys can operate in pairs as rockers (for on/off, brighter/darker or up/down commands) or activate special "All Off" or "Light Scene" functions.

The Radio wall transmitter flat is fitted with a 4gang function switch "S", which is used to select the push-button function and to save the light scenes (see illustration).

The Radio wall transmitter flat can be screwed or stuck to a flat base (wood, plaster, glass, mirror etc.) as well as to appliance sockets with a frame. When fitting on glass, adhesive foil order no. 9498 xx xx can be fitted to the backside as a sight screen.

Technical data	Radio wall transmitter flat order no. 2721., 2722., 2724.
Power supply unit	3 V=
Battery	1 x lithium coin cell (type CR20 32)
Battery life	approx. 3 years
Repeated flashing of all LEDs when transmitting	battery flat, replace
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	1, 2, 3 or 4 depending on the type
Radio codes (assigned once per channel)	> 1 billion
Light scenes	1, 3 or 5 depending on setting and type
Operating temperature	0 to 55 °C
Index of protection	IP20



**Radio transmitter insert wall-mounted**

The Radio transmitter insert wall-mounted permits cordless but permanently installed remote control in electrical installations. It can be operated in combination with KNX/EIB push-buttons (1, 2 or 4gang) of the MODUL 2, S.1, B.1, B.3, B.7, Q.1, Q.3, K.1, K.5 and ARSYS ranges.

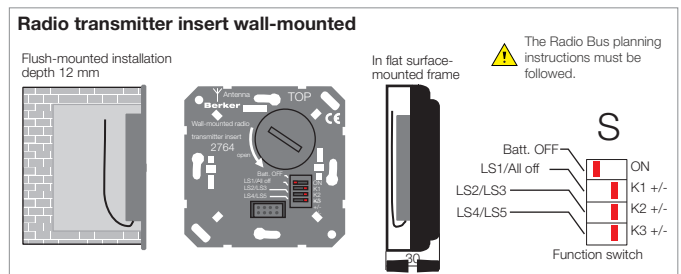
When a key is pressed, the Radio transmitter wall-mounted sends an encrypted radio telegram, which is understood and evaluated by all the radio receivers in the Radio Bus system.

The keys can operate in pairs as rockers (for on/off, brighter/darker or up/down commands) or activate special "All Off" or "Light Scene" functions.

The Radio transmitter wall-mounted is fitted with a 4gang function switch "S", which is used to select the push-button function (see illustration).

The Radio transmitter wall-mounted can be installed in flush-mounted wall boxes, cavity wall sockets or flat surface-mounted housings with frames.

To achieve the maximum transmission range, the aerial should be exposed and fully stretched out, and be as far as possible from the wall-mounted radio transmitter.



Technical data	Radio wall transmitter insert order no. 2764
Power supply unit	6 V=
Batteries	2 x lithium coin cells (type:CR2032)
Battery life	approx. 3 years
Repeated flashing of all LEDs when transmitting	batteries flat, replace
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	1, 2, 3 or 4 depending on push-button
Radio codes (assigned once per channel)	> 1 billion
Light scenes	5 according to setting
Operating temperature	4 to 55 °C
Index of protection	IP20
Insertion depth	12.3 mm

**Radio transmitter 2gang flush-mounted**

The Radio transmitter 2gang flush-mounted is used to expand existing installations by permitting the wireless transmission of switching, pushing, dimming and shutter commands. The radio telegram is understood and evaluated by all the radio receivers in the Radio Bus system. The Radio transmitter 2gang flush-mounted has 4 operating modes:

Mode A: 2-channel dimming single-surface operation (toggling), application: series dimmers

The Radio transmitter 2gang flush-mounted sends one dimming/toggle command per channel, with a series push-button with 2 NO contacts for example.

Short actuation (< 1s): switch on/off

Long actuation (> 1s): brighter/darker

Note: the telegram type (on/off, brighter/darker) is toggled in the transmitter. The Radio transmitter 2gang flush-mounted may therefore have to be actuated twice in order to obtain the desired reaction after it is been operated on the receiver or by a different transmitter.

Mode B: 2-channel switching; application: series switch

The Radio transmitter 2gang flush-mounted sends each channel a switch-on command when the voltage is connected, and a switch-off command when it is disconnected. Activation e.g. by: series switch = series switching. If activated by a time switch, a presence can be simulated.

Mode B: 2-channel switching; application: push-button/bell operation

The Radio transmitter 2gang flush-mounted sends an ON command when the push-button (NO contact) is pressed and an OFF command when it is released.

Note: This operating mode is not suitable for activation of radio push-button actuators.

Mode C: 1-channel dimming double-surface operation

Application: 2-push-button dimmer

The Radio transmitter 2gang flush-mounted sends on/off dimming telegrams (brighter/darker) for one channel. Activation: e.g. series switch with 2 NO contacts

Actuation: E1 < 1 s: switch on  
E1 > 1 s: brighter  
E2 < 1 s: switch off  
E2 > 1 s: darker

Note: a long actuation (> 1 s) when the load is switched off causes switching on to minimum brightness (night light).

Mode D: 1 channel blind double-surface operation

Application: blind control

The flush-mounted radio transmitter with L conductor sends up/down shutter telegrams (short-term/long-term mode) for one channel.

Activation: e.g. by RolloTec insert

Activation: E1 > 1 s: Slat adjustment Up  
E1 < 1 s: move Up (2 min)  
E2 > 1 s: Slat adjustment Down  
E2 < 1 s: move Down (2 min)

Note: The Radio transmitter 2gang flush-mounted must not be connected in parallel to a blind motor.

**Radio push-button interface 4gang flush-mounted**

The Radio push-button interface 4gang flush-mounted upgrades an existing installation by cordless transmission of dimming, switching, shutter control and light scene commands. Inputs E1-E4 are activated via potential-free switching and/or push contacts. The radio telegram is understood and evaluated by all the radio receivers in the Radio Bus system.

Activation: switches; application: 2 series switches

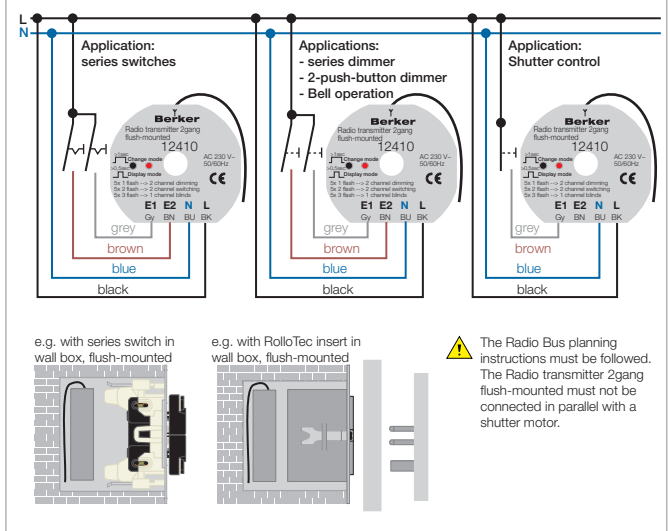
The Radio push-button interface 4gang flush-mounted sends a switch-on command to each channel when the switch is closed and a switch-off command when it is opened. Activation e.g. by 2 series switches produces 2 series connections.

The special "bell operation" function is possible with a push-button.

Activation: push-buttons; application: 4gang push-button or TS system. The Radio push-button interface 4gang flush-mounted sends the switching, dimming, shutter control or light scene commands for channels depending on the DIP switch setting (see table).

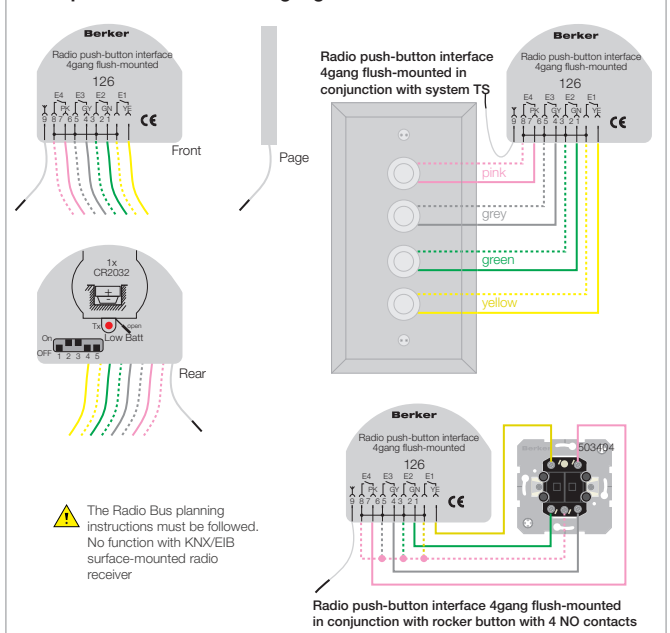
Technical data		Radio push-button interface 4gang flush-mounted order no. 126	
Power supply unit			3 V=
Battery		1 x lithium coin cell (type CR20 32)	
Battery life			approx. 3 years
Transmission frequency			433.42 MHz, (ASK)
Transmission range			max. 100 m (free field)
Transmission power			< 10 mW
R&TTE approval (for EU and EFTA states)			Yes
Number of channels			2 or 4 depending on mode
Radio codes (assigned once per channel)			> 1 billion
Light scenes			max. 4 depending on setting
Operating temperature			5 to 55 °C
Index of protection			IP20
Conductor length			approx. 290 mm, extendable to max. 5 m
Dimensions (L x W x H)			44 x 40 x 11 mm

**Radio transmitter 2gang flush-mounted**



Technical data		Radio transmitter 2gang flush-mounted, order no. 12410	
Power supply unit			230 V~, 50/60 Hz
Standby power consumption			approx. 0.49 W
Transmission frequency			433.42 MHz, (ASK)
Transmission range			max. 100 m (free field)
Transmission power			< 10 mW
R&TTE approval (for EU and EFTA states)			Yes
Number of channels			1 or 2 depending on operating mode
Radio codes (assigned once per channel)			> 1 billion
Radio interference suppression			according to EN 55015
Operating temperature			-20 to 55 °C
Index of protection			IP20
Conductor length			approx. 210 mm
Dimensions (Ø x H)			52 x 23 mm

**Radio push-button interface 4gang flush-mounted**



Nr.	Dip1	Dip2	Dip3	Dip4	Dip5	Input 1 (E1)	Input 2 (E2)	Input 3 (E3)	Input 4 (E4)	Activation
0	0	0	0	0	0	1-area Switching/Dimming E1=K1, E2=K2, E3=K3, E4=K4				Push-button
1	0	0	0	1	0	2-area Switching/Dimming/Shutters E1+E2=K1; E3+E4=K2				Push-button
2	0	0	1	0	0	1-area Switching E1=K1, E2=K2, E3=K3, E4=K4				Switch
3	0	0	1	1	0	1-area Switching E1=K1, E2=K2, E3=K3, E4=K4				Switch
4	0	1	0	0	0	All ON	All OFF	Light scene 1	Light scene 2	Push-button
5	0	1	0	0	1	All OFF	Light scene 1	Light scene 2	Light scene 3	Push-button
6	0	1	0	1	1	All OFF	Light scene 3	Light scene 4	Light scene 5	Push-button
7	0	1	0	1	1	Light scene 1	Light scene 2	Light scene 3	Light scene 4	Push-button

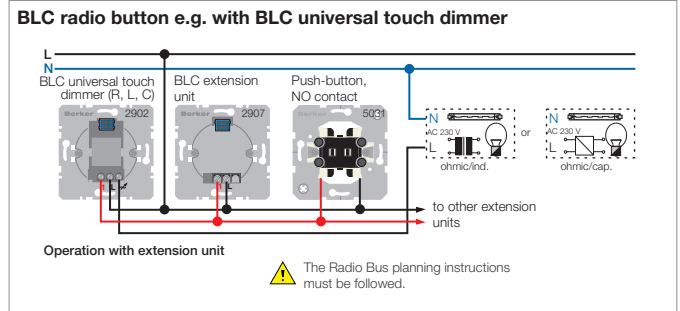
**BLC radio button**

The lighting can be switched on/off manually at the radio button or via a radio transmitter with BLC switch inserts, and it can also be made brighter/darker with BLC touch dimmers. The desired switch-on brightness can be stored in touch dimmers, and is retrieved for every switch-on command (memory value).

Light scene operation is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface 4gang flush-mounted and HM 1801. If light scenes are assigned (taught-in) to the BLC radio button, the desired brightness value in BLC touch dimmers and the switching state in BLC inserts can be stored and set when a light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a radio signal is received by the radio controller, it is switched on for approx. 1 minute (retriggering), and in BLC touch dimmers the memory value is set.



Technical data	BLC radio button order No. 1760..
Power supply unit	from flush-mounted insert
Standby power consumption	approx. 0.68 W
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Operating temperature	4 to 55 °C
Index of protection	IP20

**Radio universal corded dim actuator/Radio universal dim actuator built-in**

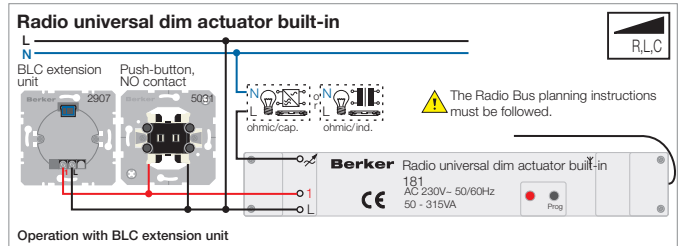
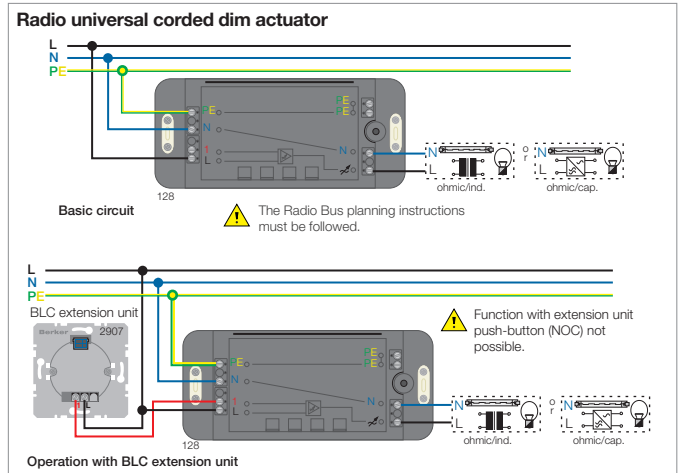
The lighting can be switched on/off manually at the device or via a radio transmitter or via BLC extension units, and made brighter/darker via a radio transmitter and BLC extension unit. The desired switch-on brightness can be stored in touch dimmers, and is retrieved each time a switch-on command is given (memory value).

Light scene operation is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface 4gang flush-mounted and HM 1801. If light scenes are assigned (taught-in) to the Radio universal corded dim actuator/Radio universal dim actuator built-in, the desired brightness value can be stored and set when a light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a radio signal is received by the radio controller, the memory value is set for approx. 1 minute (retriggering).

The Radio universal corded dim actuator and the Radio universal dim actuator built-in are protected against short-circuit by an electronic circuit-breaker with automatic restart following elimination of the fault. They are protected against overload by low-noise power reduction and have a bulb-preserving soft start function.



Technical data	Radio universal dim actuator built-in order no. 181
Power supply unit	230 V~, 50/60Hz
Connected load	230 V Incandescent and halogen lamps 50-315 W (ohmic, phase cut-off) Tronic transformers 50-315 W (capacitive, phase cut-off) Conv. transformers (min. 85 % load) Total load 50-315 W including transformer power loss may not exceed 315 VA (inductive load, phase cut-on). Mixed loads of specified load types (no combination of capacitive and inductive loads)
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Dimming principle	Phase cut-on or cut-off depending on load type
Standby power consumption	approx. 0.65 W
Switch-on	Bulb-preserving soft start
No. of extension units	Any number of BLC extension units
Noise	Very low noise
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Short-circuit-proof	Cut-out with auto. restart
Overheating protection	Electronic protection (no change-over) by means of autom. cut-out
Radio interference suppression	to EN 55015
Operating temperature	0 to 55 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Dimensions (L x W x H)	188.5 x 28 x 28 mm

Technical data	Radio universal corded dim actuator order no. 128
Power supply unit	230 V~, 50/60Hz
Connected load	230 V Incandescent and halogen lamps 50-315 W (ohmic, phase cut-off) Tronic transformers 50-315 W (capacitive, phase cut-off) Conv. transformers (min. 85 % load) Total load 50-315 W including transformer power loss may not exceed 315 VA (inductive load, phase cut-on). Mixed loads of specified load types (no combination of capacitive and inductive loads)
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Dimming principle	Phase cut-on or cut-off depending on load type
Standby power consumption	approx. 0.63 W
Switch-on	Bulb-preserving soft start
No. of extension units	Any number of BLC extension units
Noise	Very low noise
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Short-circuit-proof	Cut-out with auto. restart
Overheating protection	Electronic protection (no change-over) by means of autom. cut-out
Radio interference suppression	to EN 55015
Operating temperature	0 to 55 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Dimensions (L x W x H)	125.7 x 59.6 x 29.6 mm



**Radio universal dim actuator flush-mounted**

The lighting can be switched on/off manually on the device or via radio transmitter, and dimmed via radio transmitter.  
The desired switch-on brightness value can be saved, and is called up with every switch-on command (memory value).

The radio hand-held transmitter comfort, radio wall-transmitter, radio push-button interface, 4gang flush-mounted and HM 1801 can be used for light scene operation. If light scenes have been assigned (taught) to the radio universal dimmer flush-mounted, then the desired brightness value can be saved, which is set when a light scene is called up.

Pressing the ALL OFF button/ALL ON button of a taught radio hand-held transmitter, radio wall transmitter, radio push-button interface, 4gang flush-mounted and HM 1801 causes the load to be switched off/on.

When a taught radio signal of the radio controller is received, the memory value is set for approx. 1 min. (retriggering).

Technical data	
Power supply unit	230 V~, 50/60Hz
Connected load	230 V incandescent lamps and halogen lamps 50-210 W (ohmic, phase cut-off) Tronic transformers 50-210 W (capacitive, phase cut-off) or conv. transformers (loaded < 85 %) incl. transformer power dissipation 50-210 VA (inductive, phase cut-on)
Dimming principle	Mixed loads, capacitive and inductive loads may not be mixed! Phase cut-on or cut-off according to load type
Power consumption, standby	approx. 0.63 W
Switching on	bulb-preserving soft start
Noise generation	very low noise
Reception frequency	433.42 MHz, (ASK)
Teachable radio transmitters	30

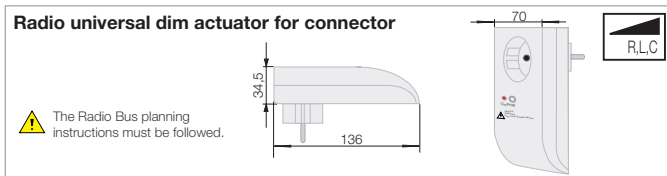
**Radio universal dim actuator for connector**

The lighting can be activated on the device manually or using the radio transmitter. It can be dimmed using the radio transmitter. The desired switch-on brightness can be stored in touch dimmers, and is retrieved each time a switch-on command is given (memory value).

Light scene operation is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface, 4gang flush-mounted and HM 1801. If light scenes are assigned (taught-in) to the radio adapter universal dimmer, the desired brightness value can be stored and set when a light scene is called up.

Pressing the ALL OFF/ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface, 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, the memory value is set for approx. 1 minute (retriggering).



**Radio 1 - 10 V control unit built-in**

The lighting can be activated on the device manually or using the radio transmitter, and made brighter/darker. The desired switch-on brightness can be stored in touch dimmers, and is retrieved each time a switch-on command is given (memory value).

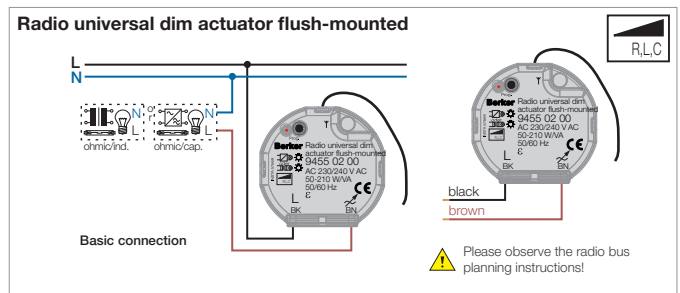
Light scene operation is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface, 4gang flush-mounted and HM 1801. If light scenes are assigned (taught-in) to the radio 1 - 10 V control unit built-in, the desired brightness value can be stored and set when a light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface, 4gang flush-mounted and HM1801 switches the load on or off.

When a radio signal is received by the radio controller, the memory value is set for approx. 1 minute (retriggering).

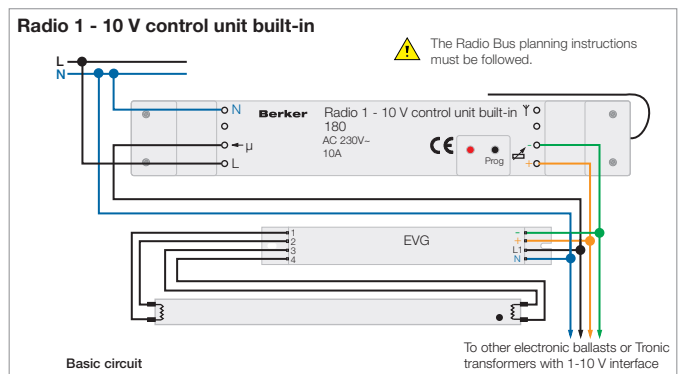
For dimensioning of switching power and control current, see Technical Information, 1-10 V devices.

Technical data	
Power supply unit	230 V~, 50/60 Hz
Standby power consumption	approx. 1,22 W
Control voltage	1-10 V
Max. control current	15 mA
Switching contact; Ohmic load;	Relay; 1800 W; type-dependent
Electronic ballast, transformer	approx. 12 single-lamp-, 6 two-lamp electronic ballasts
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion



Radio universal dimmer flush-mounted		Order no. 94550200
Radio codes (assign uniquely for each channel)		> 1 billion
Distance to transmitter in teaching mode		0.5 to 5 m
R&TTE approval (for EU and EFTA countries)		Yes
Light scenes		5
Short-circuit proof	Switch-off with autom. restart electron. fuse (no change-over)	
Overheating protection	autom. switch-off	
Radio interference suppression	according to EN 55015	
Operating temperature		0 to 45 °C
Operating humidity		approx. 15 to 50 %
Protection class		IP20
Conductor length		approx. 210 mm
Dimensions (Ø x H)		52.5 x 27.5 mm

Radio universal dim actuator for connector order no. 1781009	
Power supply unit	230 V~, 50/60Hz
Connected load	Incandescent and 230 V halogen lamps 50-420 W (ohmic, phase cut-off) Tronic transformers 50-420 W (capacitive, phase cut-off) Conv. transformers (min. 85 % load) Total load 50-420 W including transformer power loss may not exceed 420 VA (inductive load, phase cut-on). Mixed loads of specified load types (no combination of capacitive and inductive loads)
Dimming principle	Phase cut-on or cut-off depending on load type
Standby power consumption	approx. 0.63 W
Increased child protection as per VDE 0620 part 1	Yes
Switch-on	Bulb-preserving soft start
Noise	Very low noise
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fine-wire fuse	T 6,3 H 250 V
Overheating protection	by means of autom. cut-out
Radio interference suppression	to EN 55015
Operating temperature	5 to 35 °C
Index of protection	IP20



Radio 1 - 10 V control unit built-in		Order no. 180
Distance from transmitter in teach-in mode		0.5 to 5 m
R&TTE approval (for EU and EFTA states)		Yes
Light scenes		5
Fuse	Via 10 A circuit breaker	
Radio interference suppression	to EN 55015	
Operating temperature		0 to 55 °C
Index of protection		IP20
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²	
Dimensions (L x W x H)		188.5 x 28 x 28 mm

**Radio switch actuator built-in**

In conjunction with taught-in radio transmitters, the Radio switch actuator built-in enables network-operated devices to be switched remotely. It switches electrical loads (230 V/10 A) as soon as it has received a corresponding (taught-in) radio signal. The Radio switch actuator built-in can be operated via a BLC extension set or a push-button (NOC) as an extension unit.

Light scene operation (switching only) is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or radio push-button interface, 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the radio switch actuator, a desired switching state (On/Off) can be stored and set when the light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface, 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, it switches on for approx. 1 minute (retriggering).

The special "bell operation" function is possible in conjunction with the radio transmitter 2gang flush-mounted or radio push-button interface, 4gang flush-mounted.

Technical data	
Power supply unit	230 V~, 50/60 Hz
Switching contact	Relay
Switching capacity	230 V Incandescent and halogen lamps 2300 W (ohmic) Tronic transformers 1500 W (capacitive)
	Conv. transformers (≥ 85% loading) incl. transformer power loss 1000 VA (inductive) Fluorescent lamps uncomp. 1200 VA, parallel comp. with 47 µF 920 VA (inductive) Duo circuit 2300 VA (inductive)
	Mixed load; capacitive and inductive loads should not be mixed
Number of extension units	Any number of BLC extension units or push-buttons (NOC)
Standby power consumption	approx. 0.71 W

**Radio switch actuator 1gang flush-mounted**

In conjunction with taught-in radio transmitters, the radio switch actuator 1gang flush-mounted enables network-operated devices to be switched remotely.

Light scene operation (switching only) is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface, 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the switch actuator, a desired switching state (On/Off) can be stored and set when the light scene is called up.

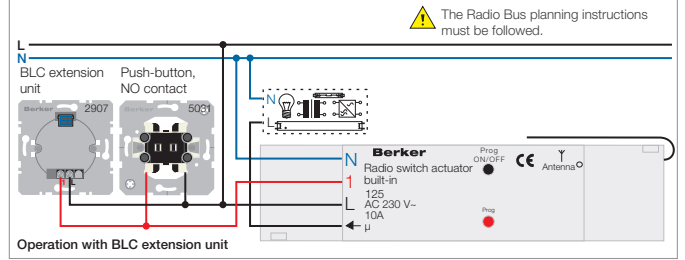
Pressing the ALL OFF/ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface, 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, it switches on for approx. 1 minute (retriggering).

The special "bell operation" function is possible in conjunction with the radio transmitter 2gang flush-mounted or the radio push-button interface, 4gang flush-mounted.

Technical data	
Rated voltage	230 V~, 50/60 Hz
Switching contact	Relay NO potential-free (FELV)
Switching capacity	230 V Incandescent lamps and halogen lamps 1000 W (ohmic) Tronic transformers 750 W (capacitive)
	Conv. transformers (< 85 % loading) incl. transformer power loss 750 VA (inductive) Fluorescent lamp uncomp. 500 VA, parallel comp. 400 VA (inductive) Duo circuit 1000 W (inductive)
	Mixed load; capacitive and inductive loads should not be mixed
Standby power consumption	approx. 0.56 W
Reception frequency	433.42 MHz, (ASK)

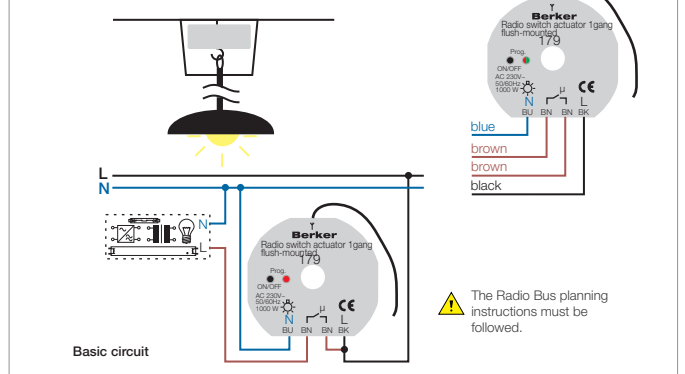
**Radio switch actuator built-in with extension unit push-button, NO contact**



**Radio switch actuator built-in** **Order no. 125**

Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fuse	Via 16 A circuit breaker
Radio interference suppression	to EN 55015
Operating temperature	-20 to 55 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2,5 mm <sup>2</sup> or 2 x 1,5 mm <sup>2</sup>
Dimensions (L x W x H)	175 x 42 x 18 mm

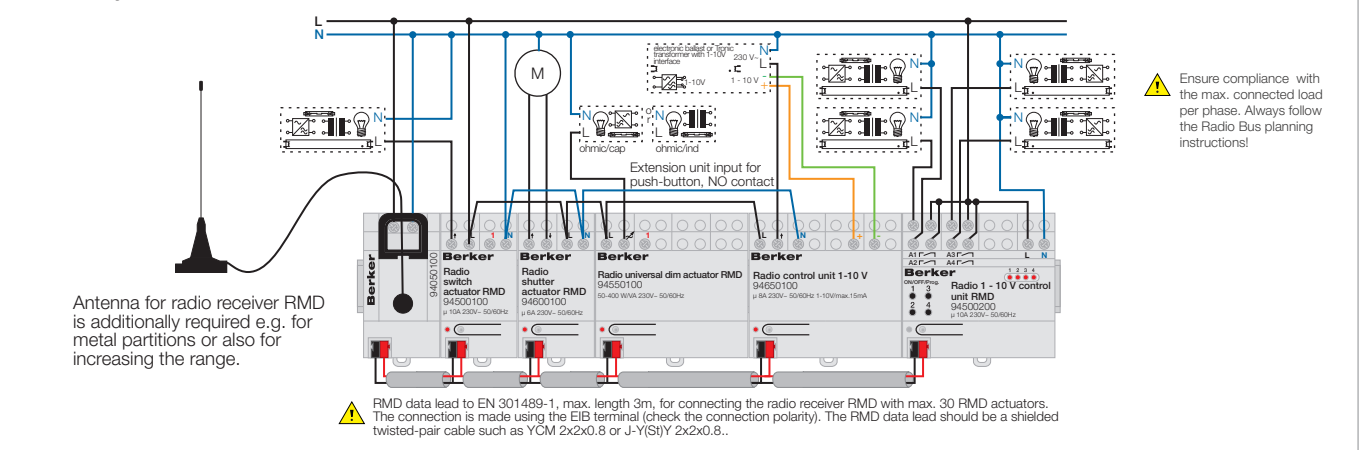
**Radio switch actuator flush-mounted**



**Radio switch actuator 1gang flush-mounted** **Order no. 179**

Radio transmitters with teach-in facility	7 per channel
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fuse	Via 10 A circuit-breaker
Radio interference suppression	to EN 55015
Operating temperature	-20 to 55 °C
Index of protection	IP20
Conductor length	approx. 210 mm
Dimensions (Ø x H)	52 x 21 mm

**Radio Bus System RMD**



**Radio switch actuator 2gang flush-mounted**

In conjunction with taught-in radio transmitters, the radio switch actuator 2gang flush-mounted enables network-operated devices to be switched remotely.

The radio switch actuator 2gang flush-mounted is especially suitable for installation of a series connection from an existing switch-off without additional cable.

Light scene operation (switching only) is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface, 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the radio switch actuator 2gang flush-mounted, a desired switching state (on/off) can be stored and set when the light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, it switches on for approx. 1 minute (retriggering).

The special "bell operation" function is possible in conjunction with the radio transmitter 2gang flush-mounted or the radio push-button interface 4gang flush-mounted.

Technical data	
Nominal voltage	230 V~, 50/60 Hz
Switching contacts	2 relays for every 1 NO
Switching capacity	230 V Incandescent lamps 350 W (ohmic) 230 V halogen lamps 300 W (ohmic) Tronic transformers 300 W (capacitive)
	Conv. transformers (< 85 % loading) incl. transformer power loss 350 VA (inductive). Fluorescent lamp uncomp. 350 VA (inductive) Mixed load; capacitive and inductive loads should not be mixed
Standby power consumption	approx. 0.37 W
Reception frequency	433.42 MHz, (ASK)

**Radio switch actuator for connector**

The Radio switch actuator for connector in conjunction with taught-in radio transmitters permits remote switching of mains powered appliances (e.g. standard lamp, table top lamp, ventilator fan, stereo system etc.) with a mains plug.

Light scene operation (switching only) is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the switch actuator, a desired switching state (on/off) can be stored and set when the light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, it switches on for approx. 1 minute (retriggering).

The special "bell operation" function is possible in conjunction with the radio transmitter 2gang flush-mounted or the radio push-button interface 4gang flush-mounted.

**Radio blind actuator flush-mounted**

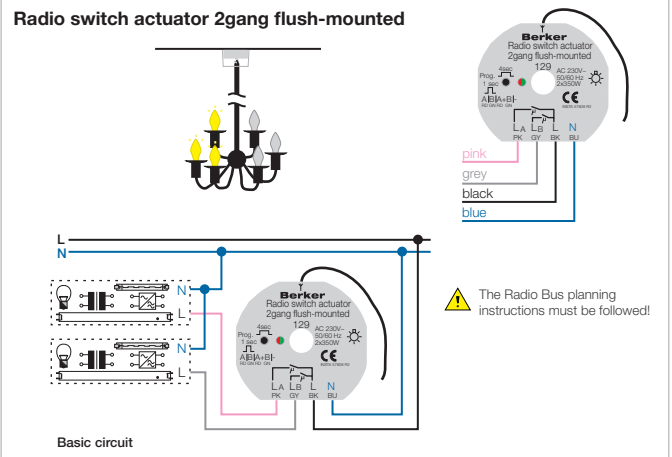
In conjunction with taught-in radio transmitters, the radio blind actuator enables network-operated devices to be switched remotely.

Pressing a radio transmitter push-button < 1 sec. adjusts the blinds; > 1 sec. sends the drive into continuous operation for 2 minutes. It is particularly well suited to setting up a master and/or group control system from existing individual controls without additional wiring. They are flush-mounted in junction boxes, wall boxes, or in water-tight junction boxes in the shutter unit.

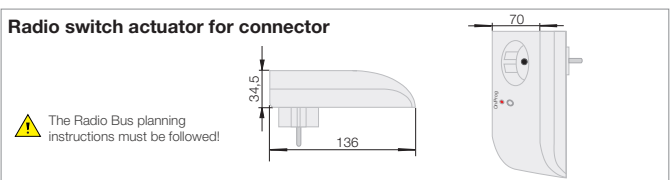
Light scene mode (end positions only) is possible with the radio hand-held transmitter comfort, the radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the radio blind actuator flush-mounted, the desired end position (open/closed) of the blind can be stored and set when the light scene is called up.

Integration into the All OFF / ALL ON function (end positions only) is also possible.

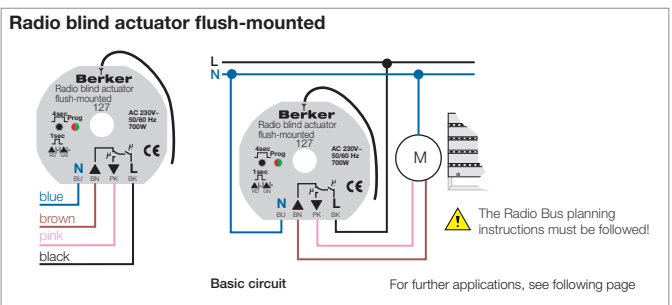
Technical data	
Nominal voltage	230 V~, 50/60 Hz
Switching contacts	2 NOC mutually interlocked
Switching capacity	max. 1 motor 700 W
Standby power consumption	approx. 0.40 W
Locking time	approx. 1 sec.
Reception frequency	433.42 MHz, (ASK)
Radio transmitters with teach-in facility	14
Radio codes (assigned once per channel)	> 1 billion



Radio switch actuator 2gang flush-mounted		Order no. 129
Radio transmitters with teach-in facility		7 per channel
Radio codes (assigned once per channel)		> 1 billion
Distance from transmitter in teach-in mode		0.5 to 5 m
R&TTE approval (for EU and EFTA states)		Yes
Light scenes		5
Security		Via 10 A circuit breaker
Radio interference suppression		to EN 55015
Operating temperature		-20 to 55 °C
Index of protection		IP20
Dimensions (Ø x H)		52 x 23 mm



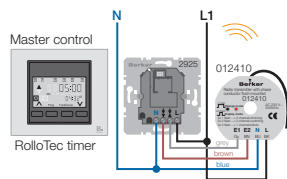
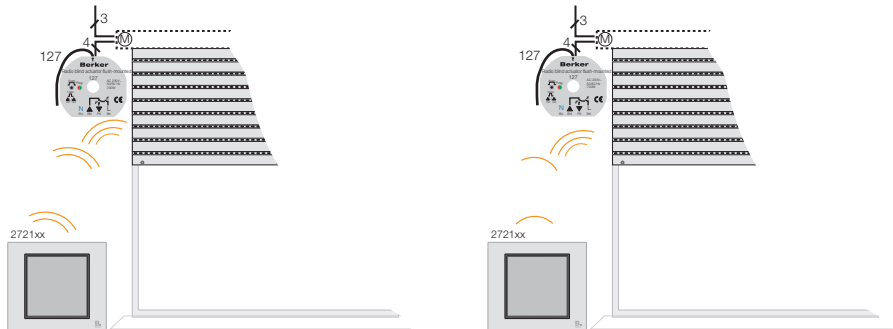
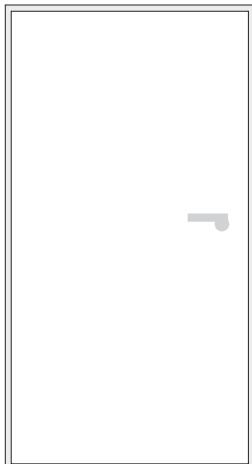
Radio switch actuator for connector order no. 1789909	
Power supply unit	230 V~, 50/60 Hz
Switching contact	Relay
Switching capacity	230 V Incandescent and halogen lamps 1000 W (ohmic) Tronic transformer 750 W (capacitive)
	Conv. transformers (≥ 85% loading) incl. transformer power loss 750 VA (inductive) Fluorescent lamps uncomp. 500 VA, parallel comp. with 47 µF 400 VA (inductive) Duo circuit 1000 VA (inductive) Mixed load; capacitive and inductive loads should not be mixed
Standby power consumption	approx. 0.43 W
Increased child protection as per VDE 0620 part 1	Yes
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fine-wire fuse	T 6,3 H 250 V
Radio interference suppression	to EN 55015
Operating temperature	-20 to 55 °C
Index of protection	IP20



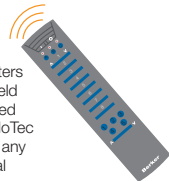
Radio blind actuator flush-mounted		Order no. 127
Distance from transmitter in teach-in mode		0.5 to 5 m
R&TTE approval (for EU and EFTA states)		Yes
Light scenes (only end positions)		5
Fuse		Via 10 A circuit breaker
Radio interference suppression		to EN 55015
Operating temperature		-20 to 55 °C
Index of protection		IP20
Dimensions (Ø x H)		52 x 21 mm

**Upgrade possible with RolloTec and Radio Bus with existing 230 V cable in roller shutter unit.  
Group/master control**

The Radio Bus planning instructions must be followed!

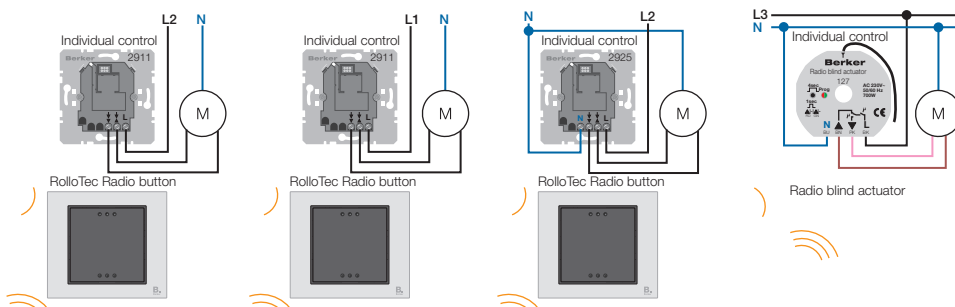
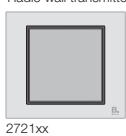


In many properties, a 230 V cable has been laid in the roller shutter unit in the course of renovation work. To then implement a control system, the following installation variant is possible: Install a radio blind actuator flush mounted in a water-proof connection box, in the roller shutter box. Control of the roller shutters can be achieved by teaching-in the radio wall transmitter and/or radio hand-held transmitter to the radio blind actuator. Master control can be easily implemented with the radio transmitter 2gang flush-mounted e.g. in combination with a RolloTec timer (recommended: wall box flush-mounted). This transmitter is taught-in to any radio blind actuator in the roller shutter box. Prior to installation the radio signal range should be tested.

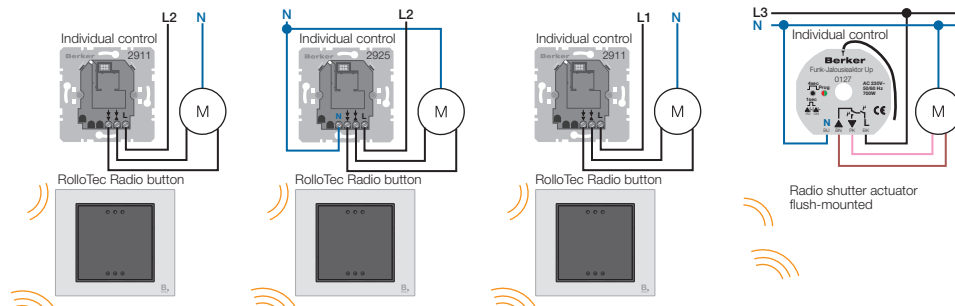
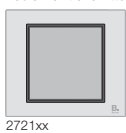


**RolloTec standard insert with RolloTec radio button and radio blind actuator: master and group control by radio**

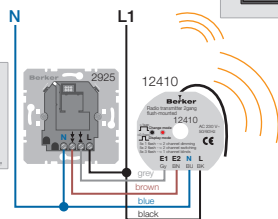
Group control by radio signal  
Radio wall transmitters, 1gang, flat



Group control by radio signal  
Radio wall transmitters, 1gang, flat



Master control by radio signal



The radio transmitter wall-mounted as a group control and the Radio transmitter 2gang flush-mounted as a central control are taught-in to the allocated individual controls (radio buttons) and radio blind actuators. The group and master control commands are transmitted by radio signal.

The Radio Bus planning instructions must be followed!

**RolloTec radio button**

The radio button is a component of the RolloTec system. In conjunction with the RolloTec insert, it permits remote and manual operation of a tubular motor.

The ▲ button raises the shutter, the ▼ button lowers it.

The system can be controller using a radio hand-held transmitter, radio wall transmitter, radio push-button interface 4gang flush-mounted, radio switch actuator 2gang flush-mounted and HM 1801.

If a light scene is assigned (taught-in) to the button, a desired end position (open/closed) of the blind can be stored and moved to when the scene is called up.

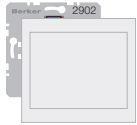
Technical data	RolloTec radio button order no. 1758., 1759.,
Power supply unit	from RolloTec insert 2911, 2925, 2975, 2975 01
Standby power consumption	approx. 1.21 W
Sunlight brightness value (only 1759..)	approx. 5000 to 80 000 Lux
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5m
R&TTE approval (for EU and EFTA states)	Yes
Change-over time on change of direction	approx. 1 sec.
Light scenes (only end positions)	5
Operating temperature	4 to 55 °C
Index of protection	IP20

For connection to master, group and individual control see RolloTec.

**Examples of combination options for radio presence detectors surface-mounted and Radio Bus components**

**⚠** Radio presence detectors Surface-mounted can only be operated with Radio Bus actuators version R2 or higher  
The Radio Bus planning instructions must be followed.

BLC touch dimmer with BLC radio button



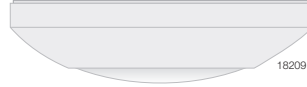
Radio universal corded dim actuator or radio universal dim actuator built-in



Radio 1 - 10 V control unit built-in



Radio presence detectors surface-mounted



as presence detecting constant light control

as presence detecting constant light control

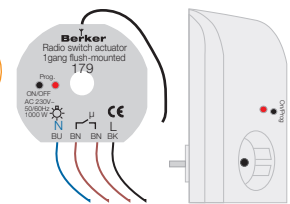
as presence detecting constant light control

as presence switch

as presence switch

as presence switch

Radio switch actuators



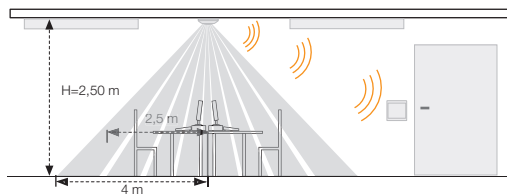
Radio controller power pack surface-mounted



BLC insert with BLC radio button



Radio switch actuator built-in


**Radio presence detectors surface-mounted in an office**


**⚠** Do not mount radio presence detector surface-mounted in the immediate vicinity of lights or ventilator fans.  
May only be operated with alkaline batteries, as they are the only ones with sufficient pulse current carrying capacity.  
The Radio Bus planning instructions must be followed.

Radio presence detectors surface-mounted can only be taught into radio actuators version R2 or higher; a corresponding R2 designation is printed on the device.

As soon as a radio presence detector surface-mounted has been taught into a radio actuator, the corresponding actuator internally switches to light control mode and changes its behaviour.

Switching on by a brief press (> 1s) locally or by radio control initially switches the associated actuator on for 2 minutes. If no presence is detected during this time, it is switched off again.

Switching off by a brief press (> 1s) locally or by radio control initially switches the associated actuator off for 2 minutes. During this time, switching on is prevented by presence detection and is only possible manually (e.g. for slide show).

With a dimming actuator (e.g. BLC universal touch dimmer insert with BLC radio button, Radio universal dim actuator built-in, Radio 1 - 10 V control unit built-in etc.) a constant light control system can be set up. In this case, the target brightness value set on the radio presence detector surface-mounted is compared with the actual value and evaluated in the dimmer.

On dimming actuators, the brightness can be changed by holding down the local or radio buttons, similar to a normal dimming operation. The brightness value determined is temporarily used as the target brightness value until the next switch off, i.e. the radio presence detector surface-mounted attempts to keep this new value constant.

Only one switch on or off is possible in conjunction with radio switch actuators. To prevent the occurrence of light oscillation (device constantly switches on and off) it may be necessary to increase the target brightness value by turning the brightness adjuster on the radio presence detector surface-mounted towards the symbol sun.

In general, the radio presence detector surface-mounted should not be installed too close to lamps, to minimise this effect. The brighter the lamp to be switched on is, the more significant the effect described above.

Technical data		Radio presence detector surface-mounted	Order no. 18209
Power supply unit	6 V=	Number of switching segments	320
Batteries	4 x 1.5 V Micro Alkaline (LR 03)	Response sensitivity	20 to 100 %
Battery life (depending on load)	approx. 3 years	Target brightness value for light control	approx. 3 Lux to 1000 Lux
10x flashing for transmit operation	Batteries flat, replace	Transmission frequency	433.42 MHz, (ASK)
Detection angle	360°	Transmission range	max. 100 m (free field)
Size of detection range at desk height	Ø approx. 5 m	Transmission power	< 10 mW
Size of detection range at floor level	Ø approx. 8 m	Radio codes (assigned once per channel)	> 1 billion
Mounting height for nominal detection ranges	2,5 m	R&TTE approval (for EU and EFTA states)	YES
Switching period	approx. 2 min. to 60 min.	Operating temperature	0 to 45 °C
Detection levels	6	Index of protection	IP20
Number of zones	80	Dimensions (Ø x H)	103 x 42 mm

**Radio controller surface-mounted**

The radio controller surface-mounted with integral brightness measurement allows the extension of existing installations by wireless transmission of switching commands. On detecting movement, the radio controller surface-mounted sends an encrypted radio-telegram, which is understood and evaluated by all radio receivers in the radio bus system.

The radio controller surface-mounted is provided on the backside with two potentiometers, allowing the response sensitivity and activation brightness to be set.

Setting the activation brightness:

- Position • brightness independent
- Adjustment range approx. 1 to 80 Lux
- Position corresponds to approx. 80 Lux.

This setting should be selected when using the radio controller power section; the activation brightness and the delay time can be set at the power section.

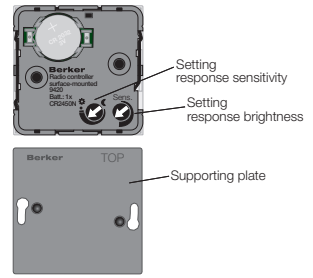
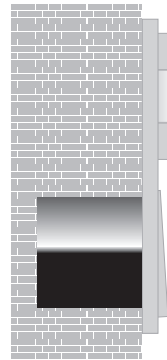
In connection with other radio bus receivers (BLC radio buttons, radio switch actuator for connector adapters and radio switch actuator built-in/flush-mounted etc.) the controller triggers switching the load on for 1 minute (retriggering).

The radio controller surface-mounted can be screwed or stuck to a flat surface (wood, plaster, glass, mirror etc.) as well as to appliance sockets with a frame.

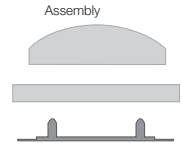
Technical data	Radio controller surface-mounted order no. 9420..
Power supply unit	3 V-
Battery type	1 x lithium coin cell (type CR 2450 N)
Battery life	approx. 2-3 years
Rapid flashing of the red LED (approx. 1 s after sending)	battery flat, change it
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 60 m (free field)
Transmission power	< 10 mW
Radio codes (assigned once)	> 1 billion
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	1
Detection angle	180°
Detection field	semi-oval approx. 10 x 12 m
Recommended mounting height	1.1 m
Response sensitivity	approx. 20 to 100 %
Response brightness	approx. 1 to 80 / Lux
Operating temperature	5 to 35 °C
Index of protection	IP20
Installation height	approx. 23 mm

**Radio controller 180 surface-mounted**

Combination extension available using flat surface-mounted installation.

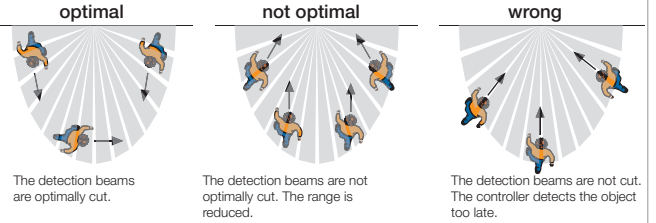


Always follow the Radio Bus planning instructions! The life of the battery is halved, if the potentiometer is set to • Lux.



**Controller mounting**

Ensure that there are no interference sources, e.g. lamps or heaters, in the detection range. For optimum detection the radio controller 180 should be mounted laterally to the direction of movement.



**Radio controller/system**

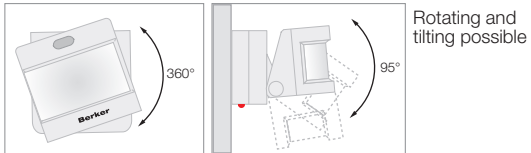
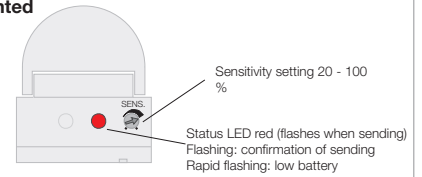
The radio controller system is a cordless system, and is particularly suitable for upgrading existing installations. A maximum of 30 radio controllers can be taught-in to a radio controller power unit surface-mounted. The radio controllers can also be taught-in to other Radio Bus receivers (BLC radio button, radio switch actuator for connector and radio switch actuator built-in/flush-mounted etc.), where they activate the load for 1 minute (retriggering). A radio controller can be taught-in to any number of radio receivers. The response sensitivity of each radio controller unit can be adjusted to varying detection conditions. A push-button, NC contact in the lead of the radio controller power pack surface-mounted can be used to activate additional functions. These functions can also be used with a taught-in hand-held or wall-mounted radio transmitter as follows.

- Short press of button ▲ ON for preset time
- Short press of button ▼ OFF (automatic mode remains active)
- Long press of button (>1sec.) ▲ ON for 2 hours
- Long press of button (>1sec.) ▼ OFF for 2 hours

Technical data	Radio controller power unit surface-mounted order no. 17509
Rated voltage	230 V~, 50/60 Hz
Switching contact	Relay contact
Switching capacity	230 V Incandescent lamps and halogen lamps 2300 W (ohmic) Tronic transformer 1500 W (capacitive) Conv. transformers (≥ 85 % loading) incl. transformer power loss 1000 VA (inductive) Fluorescent lamps uncompensated 1200 VA, parallel compensated 920 VA (inductive) duo circuit 2300 VA (inductive) Mixed load; capacitive and inductive loads should not be mixed
Inrush current	max. 20 A
Standby power consumption	approx. 1.10 W
Delay time	approx. 10 sec. to 15 min. ± 10 %
Brightness	approx. 3 to 80 Lux ± 10 %
Additional functions	with push-button (NCC contact)
Time between touch pulses	600 ms
1st function	1 x press = ON for on time
2nd function	2 x press = ON for 2 hrs ± 10 %
3rd function	3 x press = OFF for 2 hrs ± 10 %
Reception frequency	433.42 MHz, ASK
Radio transmitters with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
R&TTE approval (for EU and EFTA states)	Yes
Radio interference suppression	according to EN 55015
Operating temperature	-25 to 55 °C
Index of protection	IP55
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Dimensions (L x W x H)	110 x 38 x 94 mm

**Radio controller flush-mounted**

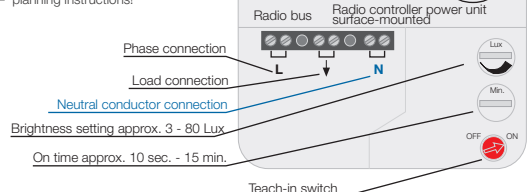
Always follow the Radio Bus planning instructions! Because of the Low Power Technology, the controller takes approx. 1 min. to become ready for operation.



Technical data	Radio controller surface-mounted order no. 1740109..
Battery type	9 V alkaline block battery 6LR61
Service life of alkaline battery	approx. 3 years
Power consumption	Daytime operation 0.14 mW Night time operation 0.27 mW Radio transmission 27 mW
Transmission frequency	433.42 MHz, ASK
Transmission range	approx. 100 m free field
Transmission power	< 10 mW
Radio codes (assigned once per channel)	> 1 billion
R&TTE approval (for EU and EFTA states)	Yes
Detection angle	180°
Detection field	16 m x 32 m
Mounting height	approx. 2.40 m
Response sensitivity	20 to 100 %
Brightness operating range	3 to 200 Lux ± 50 %
Sensor, activation brightness	less than 80 Lux
Sensor, night triggering	to 200 Lux
Operating temperature	-25 to 55 °C
Index of protection	IP55

**Radio controller power unit surface-mounted**

Always follow the Radio Bus planning instructions!



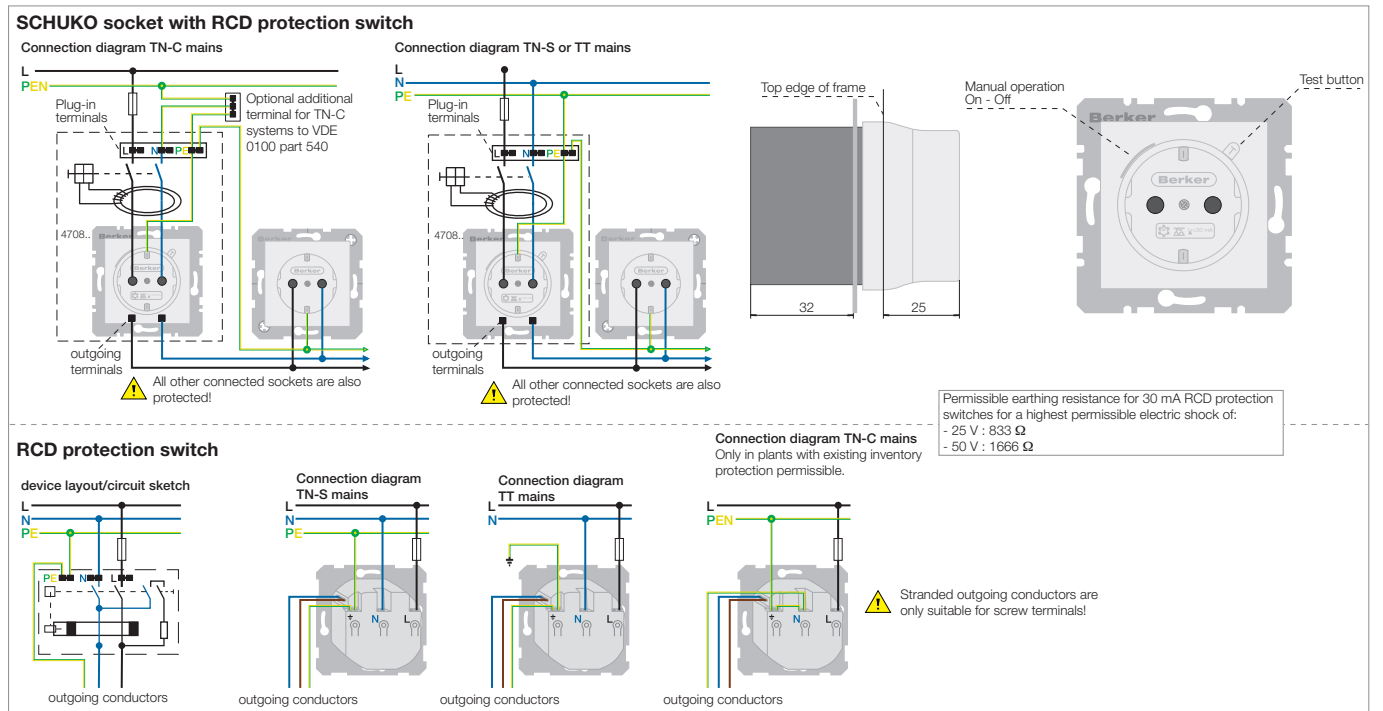
**SCHUKO socket outlet with RCD protection switch / RCD protection switch**

The SCHUKO socket outlet with RCD protection switch and the RCD protection switch must be used anywhere that the use of residual-current protective devices according to VDE 0664 is specified.

According to DIN VDE 0100-410: 2007-06, alternating current systems must be provided with additional protection by means of residual-current protective devices  $\geq 30$  mA. This applies to socket outlets with a rated current not greater than 20 A that are intended for use by non-experts and for general use.

Exceptions are socket outlets that are constructed exclusively for connecting a specific piece of equipment, and socket outlets that are monitored with a residual-current monitor (RCM) by qualified electricians or persons with electrotechnical training, such as in one's own commercial or industrial systems, for example. The protection goal "Protection against direct contact" according to DIN VDE 0100 Part 410 is achieved. Socket outlets connected to the residual-current protected outgoing terminals (outgoing feeders) are likewise protected. Thus all loads connected to it are equipped with additional protection according to DIN VDE 0100 Part 410. Triggering is ensured in the event of AC fault currents, and pulsating DC fault currents  $\geq 30$  mA. The test button "T" can be used to test the electrical and mechanical functioning. The integrated switch lever can be used to switch the SCHUKO socket outlet with RCD protection switch and the RCD protection switch on again after triggering (when testing or after eliminating the fault).

Technical data	SCHUKO socket with RCD protection switch
Rated voltage	230 V~, 45-60 Hz
Rated current	16 A
RCD-protected outgoing conductor	Phase, neutral
Rated fault current	30 mA AC and pulsating DC
Switch off time	30 ms
Surge energy capacity	250 A (8/20) $\mu$ s (DIN VDE 0432 part 2)
Rated short circuit capacity	3 kA with back-up fuse 20 A filament lamp
Rated switching capacity $I_m$	500 A
$I^2t$ -proof	2.5 kA <sup>2</sup> s
Dynamic current capacity $I_p$	1.7 kA
Mounting orientation	any
Wall box	to DIN 49073 part 1:1990-02
Attachment	Claw or screw fixing
Intended use	EN 61008 part 1 and 2-1: 1994
Operating temperature	-25 to 40 °C
Index of protection	IP20
Terminals	Plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Insertion depth	32 mm
Supply package	SCHUKO socket with RCD protection switch, increased child-protection and centre plate



Technical data	RCD protection switch order no. 2844
Rated voltage	230 V~, 45-60 Hz
Rated current	16 A
RCD-protected outgoing conductor	Phase, neutral
Rated fault current	30 mA AC and pulsating DC
Switch off time	30 ms
Surge energy capacity	250 A (8/20) $\mu$ s (DIN VDE 0432 part 2)
Rated short circuit capacity	3 kA with back-up fuse 16 A filament lamp
Mounting orientation	any
Wall box	to DIN 49073 part 1:1990-02
Attachment	Screw fixing
Intended use	EN 61008 part 1 and 2-1: 1994
Operating temperature	-25 to 40 °C
Index of protection	IP21
Outgoing conductors	stranded 2 x 1.5 mm <sup>2</sup> , approx. 20 cm
Terminals	plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Insertion depth	32 mm

**Antenna technology terms**

**Tap:** for connecting one or more branch cables to a continuous trunk cable. The level of the branched signal is dependent on the attenuation of the branch.

**ADR** (Astra Digital Radio): digital audio radio programmes on a subcarrier analog TV transponder.

**Azimuth:** azimuth means the alignment of the south-facing satellite aerial (horizontal angle)

**Band:** band denotes a frequency range between two specified values.

**Ku-Band:** satellite transmission frequency band

**SAT-bands:** (SAT-IF, Input-IF) intermediate frequency bands used by satellite receivers: 950 - 1,750 MHz (standard band)  
950 - 2,050 MHz (extended band)  
700 - 2,050 MHz (further extended band)

**High band** frequency range 11.7 to 12.75 GHz of a satellite. Here mostly only digital programmes are broadcast.

**Low band** frequency range 10.7 to 11.7 GHz of a satellite. Systems with older LNBs cannot receive the whole range of the band (typically only 10.950 to 11.7 GHz analog).

**CATV bands**  
**BK bands**  
Band I (VHF), channel 2 - 4  
Band II (UKW), frequency 87.5 - 108 MHz  
USB Band, Lower Special Channel Range (VHF), channels S2 - S10  
Band III (VHF), channels 5 - 12  
OSB Band, Upper Special Channel Range (VHF), channels S11 - S20  
Hyperband (VHF), channels S21 - S38  
Bands IV and V (UHF), channels 21 - 69

**Bandwidth:** expression for a range of frequencies contained with a specific band.

**BER** (Bit error rate): denotes the quality of a data signal after it has been received and demodulated. The lower the rate, the better the signal.

**CATV:** abbreviation for Community Antenna Television. Reception of radio and TV programmes using a community aerial. Used internationally in cable TV networks as cable television or broadband cable networks.

**Conditional Access (CA) System:** controls the access by users to services and programmes which are encrypted for copyright or commercial reasons.

**Common Interface (CI):** uniform interface for digital set-top boxes for PCMCIA modules with card readers for smart-card by practically all Pay-TV companies.

**DAB** (Digital Audio Broadcasting): designation for digital radio. The system offers additionally capacity for data transmission. Data compression is carried out using MPEG-2.

**Data Rate:** data bits transmitted per second. Is expressed in kbit/s or Mbit/s. The higher the data rate the better the transmitted signal.

**Data Reduction:** compression of image and sound signals. Redundant information is left out.

**Attenuation loss:** measurement in dB (decibel) resulting from the cabling and components.

**Attenuation adjustment:** to compensate for the frequency-dependant cable attenuation

**dB - decibel:** value often used to express the attenuation of a cable or a stage, or also the gain of an amplifier, aerial etc.

**d-box:** digital set-top box for Premiere World.

**DiSEqCTM** (Digital Satellite Equipment Control): Switching signal generated by the satellite receiver, for controlling and switching LNB and multi-switches. This allows several satellite positions for rotary and multi-feed systems to be controlled. DiSEqC is a trade mark of the European Satellite Organization (EUTELSAT) and arose out of cooperation between EUTELSAT and Philips.

**Dolby Digital Sound Processing:** this enables a digital surround sound to be reproduced in a home cinema system.

**Pass-through attenuation:** reduction in the signal level at each output, e.g. at distributors, aerial sockets etc.

**DVB** (Digital Video Broadcasting): transmission of video and sound signals in digital form. DVB-S stands for satellite cable transmission, DVB-T for terrestrial cable transmission and DVB-C for cable transmission.

**Single-cable system:** matrix for distributing 1.SAT-ZF satellite programmes using a cable network in a tree structure.

**Elevation:** by elevation is meant the vertical angle (inclination) of the aerial

**EPG** (Electronic Programme Guide): electronic program guide

**Decoupling attenuation** (directional attenuation) attenuation of the output sockets relative to each other

**FEC** (Forward Error Correction): a technique for reducing the error rate in a data transmission. Additional bits are inserted into the data stream so that error correction algorithms can be used on reception.

**Field strength meter:** an instrument used by technical staff to measure the signal strength of a radio or TV channel. The same instrument can be used for precise alignment of the aerial so that the maximum signal strength is achieved and for the checking the signal level at connections to community systems.

**Free-to-Air:** free-to-air receivers receive exclusively free (non-encrypted) programmes.

**Gain:** unit of measurement expressed in dB for the amplification capabilities of a parabolic aerial or an amplifier. Gain is the opposite of attenuation. The gain of an aerial depends on the diameter of the parabolic mirror and its efficiency. The larger the better!

**Coaxial cable:** shielded cable with inner and outer conductor, insulated from each other by a material (solid PE / cellular PE), which ensures a very small signal loss. The outer conductor (shield) serves to protect the inner conductor against external interference, and thus minimises the signal loss on the inner conductor. Cable recommendation for satellite reception: low attenuation approx. 27 dB/100m at 2,000 MHz and shielding class > 90 dB (class A).

**LNB - Low Noise Block converter:** a feed system also known as LNC. Reception unit at the focus of the parabolic mirror, which converts the high-frequency satellite downlink into a 1.Sat intermediate frequency suitable for the receiver. The main distinctions are:

- Single Universal LNB** for 1 subscriber high band and low band
- Twin Universal LNB** for 2 subscribers (twin receiver) high band and low band
- Quattro Switch LNB** for 4 subscribers high band and low band
- Quattro Switch LNB** with 1 terrestrial input for 4 subscribers high band, low band and terrestrial
- Quattro Universal LNB** for multi-switch with 4 outputs (horizontal/vertical/high band/ ow band)
- Octo Switch LNB** for 8 subscribers high band and low band

**LNB Skew** (LNB Tilt): LNB Skew denotes the rotation of the LNB in relation to its vertical position in the bracket. This allows precise positioning of the LNB to obtain the best possible reception quality (e.g. in Germany 42° East is required for Türksat).

**LOF** (Local Oscillator Frequency): stated in MHz or GHz, varies depending on the LNB and reception frequency range. In the Ku band the relationship is: transmission frequency of the satellite - LOF = receiver reception frequency

**MPEG-2:** data compression process for images and sound. In contrast to conventional analog technology (where 25 full images with all information are transmitted per second) the MPEG process deals with only the actual changes in the image.

**Multi-feed:** a technique that allows reception of multiple satellites using one a single fixed aerial.

**Multi-switch:** conventional distributors are insufficient to distribute satellite signals. Each subscriber must be able to switch between different reception levels, frequency ranges and even different satellites. Only by this means is reception of all programmes possible. For this, an electronic changeover switch is required, which is called a multi-switch (up to 100 subscribers). Many models also allow a feed of conventional terrestrial programmes. When receiving from 2 or more satellites the DiSEqC switch is required, which controls multi-switches and also receivers.

**Network Search:** some transponders receive within the digital data stream a list with the data for other transponders, so as for example to facilitate a search for all programmes of a provider, which may occupy several transponder frequencies. Data transmitted in this way are however often incorrect or incomplete.

**Aperture angle:** the aperture angle of a SAT aerial can be regarded as denoting the "angle of view" of the SAT aerial towards the satellite. It is expressed in degrees and depends on the design and size of the SAT aerial. To prevent interference from nearby satellites it is recommended that the aperture angle should where possible be less than 3 degrees. SAT aerials of diameters from 60 cm offer this capability.

List of the most used designs for **parabolic mirror** satellite (reception) aerials. Concentrates the electromagnetic waves in the feed system (LNB).

**Signal Level Adjuster:** for reducing levels that are too high (cable equalisation)

**Polarisation:** this is plane of the electrical components of an electromagnetic wave (direction of oscillation). For satellite transmission two different planes are used: the horizontal and the vertical (linear polarisation), the better to exploit the frequency spectrum.

The system is based the bands for two adjacent channels being positioned so they partially overlap each other. The interference that could result is prevented by polarising the two channels in different planes.

**QAM** (Quadrature Amplitude Modulation): digital modulation process with phase shift keying, used for transmission in cable networks.

**QPSK** (Quadrature Phase Shift Keying): digital modulation process used for satellite transmission.

**Return Channel:** projected interactive applications such as home shopping or Internet access require a return channel. This can for example be provided by a modem incorporated within the digital receiver.

**SMATV** (Satellite delivered Master Antenna Television System): communal system that has been extended for the reception of satellite signals.

**SR** (Symbol Rate): parameter that must be entered to allow manual searching of the receiver (e.g. 22000, 27500).

**Terrestrial:** denotes all radio services on the surface of the earth with the exception of space and astronomical broadcasting. A "normal" (terrestrial) domestic aerial can receive TV and radio programmes.

**Tone-Burst:** a type of Mini-DiSEqC has been developed as an economical way of extending old systems to a wider circuit configuration (in addition to 14/18 Volt and 22 kHz). This is often referred to as Simple DiSEqC or as Tone-Burst. This merely modulates a sequence of bits "0" (satellite A) or "1" (satellite B) to the 22 kHz signal. The Tone-Burst signal was developed to permit simple changing over between two LNBs and is suitable for controlling relays (two inputs at one output) and for the new Monoblock LNB. For SAT position A the 22 kHz signal is sent continuously, for SAT position B it is pulsed. A Tone-Burst signal lasts for about 12.5 ms.

**Transponder** frequency containing multiple channels. In analog systems a TV program and multiple sound channels can be transmitted for each transponder. In digital systems (QPSK) is the transmission capacity is 6-10 TV programmes with sound channels.

**Carrier:** wave at very high frequency, which by means of modulation is able to convey a radio or TV signal over a very great distance.

**Carrier/Noise:** describes the signal quality of the aerial that is forwarded to the receiver. (also C/N ratio). The C/N ratio is measured in dB and must always be above the threshold level (> 6 dB) of the receiver.

**Twin-Receiver:** satellite receiver with two separate independent reception components in one box (e.g. for independent connection of a TV receiver and a video recorder)

**Triple play** capability to use broadband cable for broadcasts (television), telephone and Internet. Twin receiver satellite receiver with two separate, independent receivers in a single housing (e.g. for independent connection of a TV receiver and a video recorder).

**USB-Box:** external box which is connected to the PC through the USB port (Universal Serial Bus). This external box allows digital radio and TV programmes, and also multi-media services to be received by satellite.

**Power Supply:** the satellite receiver supplies the LNB with power via the coaxial cable. The voltage of the supply also determines which polarisation plane is returned by the LNB. 14 Volt = vertical, 18 Volt = horizontal polarisation planes.

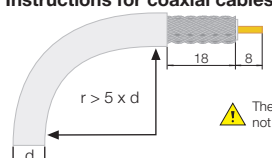
**Distributor:** for distributing the energy of an incoming main trunk cable into two or more trunk cables.

**Amplifier:** for increasing the aerial signal level

**Video bit rate:** quantity of data transmitted per second by a digital video signal.






**Switch:** for combining or splitting frequency ranges and individual channels.

### Instructions for coaxial cables



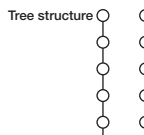
Stripping length for aerial socket

The bending radius "r" of the cable for a one-time load must not be less than 5 x the cable diameter "d". (r > 5 x d)

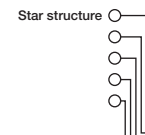
Attenuation types	Diagram
<b>Transmission loss</b> Attenuation for through-sockets between trunk input and trunk output	
<b>Attenuation</b> For through-sockets and single sockets. Attenuation between trunk input and the output sockets.	
<b>Decoupling internal Attenuation between plug output and socket output.</b>	
<b>Directional attenuation</b> Attenuation between trunk output and the output sockets	
<b>Decoupling Attenuation between two aerial sockets.</b>	

### Cabling structures

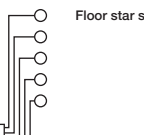
Tree structure



Star structure



Floor star structure





**Planning recommendations**

Terminal boxes have no decoupling, and are always branched with splitters. The connection at a branch is also called a spur, and only here can a terminal box be connected. At the through passage of a splitter, on the other hand, only through-sockets or other splitters may be connected. Distributors (too little decoupling) only through-sockets can be connected, because only in this manner will the de-coupling be sufficient. The last through-socket must be terminated with a 75 ohm terminating resistor.

**Noise factor C/N**

The signal-to-noise ratio is the ratio, expressed in decibels, of the signal power to the noise power. The noise factor indicates how much smaller the signal-to-noise ratio at the output of an active module (e.g. amplifier) is than the signal-to-noise ratio at the input.

Signal-to-noise ratio	Noise	picture quality
< 46 dB	not visible	very good
37 dB	visible, but not annoying	good
30 dB	clearly visible, annoying	unsatisfactory
< 26 dB	outweighs	unusable

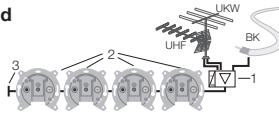
**Level recommendation at the aerial sockets based on EN 50083-7:**

Frequency (measuring device setting)	Level in dBµV (unsensitiv)		Slope max.	noise factor/Quality/ bit error rate
	min.	max.		
UKW 87.5 - 108 MHz (FM)	50	70	15	C/N: 38 dB Mono C/N: 48 dB Stereo
Terrestrial analogue 87.5 - 108 MHz (VSB-AM)	60	80	12	C/N: 44 dB
Terrestrial digital 47 - 862 MHz (COFDM)	45	70	12	C/N: 25 dB; BER: < 2.0 E-4 (before Viterbi FEC 3/4)   MER: 24 dB
CATV analogue 47 - 862 MHz (VSB-AM)	60	80	12	C/N: 44 dB
CATV digital 47 - 862 MHz (64-QAM)	47	67	12	BER: 2.0 E-7 MER: 30 dB
SAT-IF analogue 950 - 2150 MHz (FM)	47 (55)	77 (70)	15 (7)	C/N: 15 dB at 27 MHz C/N: 12 dB at 36 MHz
SAT-IF digital 950 - 2150 MHz (QPSK)	47 (53)	77 (70)	15 (7)	C/N: 11 dB; BER: 2.0 E-4 (before Viterbi FEC 3/4)   MER: 15 dB

- LCD, plasma and 100 Hz televisions need larger signal-to-noise ratios for a visually less noisy picture (50 dB). The level should not exceed 74 dB.
- Execute the system as a star topology if possible
- Install splitters and distributors in accessible spaces
- Install coaxial cables in ductwork systems
- Observe bending radii of the coaxial cables
- Install amplifiers in dry spaces with their own power supply
- Provide a ductwork connection to basement storage
- Connect building distribution network to building equipotential bonding
- Frequency range broadband cable network BK: 47 - 862 MHz
- Frequency range SAT-IF: 950 - 2400 MHz
- Dimension aerial sockets for broadband
- Shielding efficiency building distribution network min. 75 dB better according to Class A
- Use return path compatible components for connection to the backbone

**Aerial system terrestrial and/or broadband cable BK in tree structure**

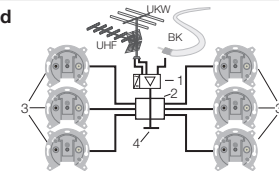
- 1: Amplifier
- 2: Aerial socket 2-hole Pass-through socket order no. 4515
- 3: Terminal resistor order no. 4503



**Aerial system terrestrial and/or broadband cable BK in radial structure**

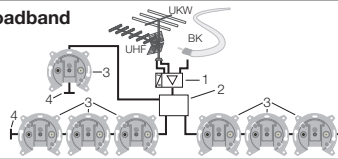
- 1: Amplifier
- 2: Tap
- 3: Aerial socket 2-hole Single socket order no. 4502
- 4: Terminal resistor order no. 4503

⚠ If only 1 aerial socket is available in a broadband cable system, a through box with terminating resistor must be used.



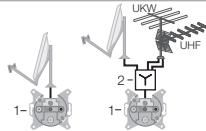
**Aerial system terrestrial and/or broadband cable BK in tree/radial structure**

- 1: Amplifier
- 2: Distributor
- 3: Aerial socket 2-hole pass-through socket order no. 4515
- 4: Terminal resistor order no. 4503



**SAT aerial system with single universal LNB for analog and digital reception of a satellite.**

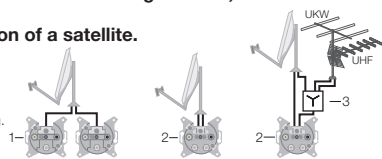
- 1: Aerial socket 3-hole single socket order no. 4522
- 2: Switch for insertion of terrestrial signals e.g. for regional FM/TV reception.



**SAT aerial system with twin universal LNB for 2 receivers or twin receiver for viewing one channel and recording another, e.g. 2 x Astra.**

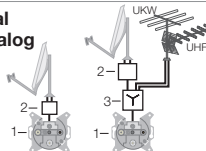
**For analog and digital reception of a satellite.**

- 1: Aerial socket 3-hole Single socket order no. 4522
- 2: Aerial socket 4-hole Single socket order no. 4594
- 3: Switch for insertion of terrestrial signals e.g. for regional FM/TV reception.



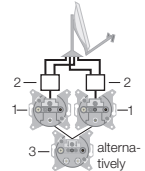
**SAT aerial system with 2 squinting single universal LNBs e.g. for Astra and Eutelsat reception For analog and digital reception of two satellites.**

- 1: Aerial socket 3-hole Single socket order no. 4522
- 2: DiSeqC switch
- 3: Switch for insertion of terrestrial signals e.g. for regional FM/TV reception.



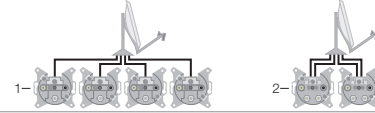
**SAT aerial system with 2 squinting single universal LNBs e.g. for Astra and Eutelsat reception For analog and digital reception.**

- 1: Aerial socket 3-hole single socket order no. 4522
- 2: DiSeqC switch
- 4: Aerial socket 4-hole single socket order no. 4594
- 4-hole aerial socket for viewing one channel and recording another.



**SAT aerial system with Quattro switch LNB e.g. for 4 receivers, e.g. 4 x Astra. For analog and digital reception of a satellite.**

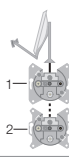
- 1: Aerial socket 3-hole Single socket order no. 4522
- 2: Aerial socket 4-hole Single socket order no. 4594



**Aerial system SAT with single universal LNB for approx. 3 aerial sockets. For analog and digital reception of a satellite. Also for use behind a multi-switch!**

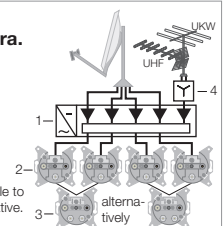
- 1: Aerial socket 3-hole pass-through socket order no. 4593
- 2: Aerial socket 3-hole single socket order no. 4522

Function: If both aerial sockets are used at once, the plane (horizontal or vertical) is determined at the first aerial socket and so only this is available to be received at the second aerial socket.



**Aerial system SAT with Quattro universal LNB for analog and digital reception of a satellite, e.g. Astra.**

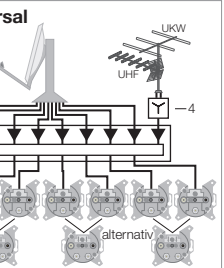
- 1: Multi-switch with amplifier
- 2: Aerial socket 3-hole single socket order no. 4522
- 3: Aerial socket 4-hole single socket order no. 4594 alternatively 4-hole aerial socket for viewing one channel and recording another.
- 4: optional switch or amplifier only when the terrestrial input is being used.



By cascading multi-switches and taps/distributors expandable to > 100 subscribers optionally with terrestrial input as an alternative.

**SAT aerial system with 2 squinting Quattro universal LNBs for analog and digital reception of two satellites e.g. Astra and Eutelsat.**

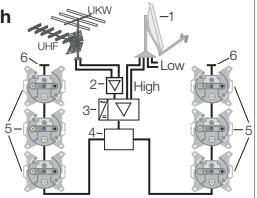
- 1: Multi-switch with amplifier
- 2: Aerial socket 3-hole single socket order no. 4522
- 3: Aerial socket 4-hole single socket order no. 4594 alternatively 4-hole aerial socket for viewing one channel and recording another.
- 4: optional switch or amplifier only when the terrestrial input is being used e.g. for regional FM/TV reception. 1.



By cascading multi-switches and taps/distributors expandable to > 100 subscribers optionally with terrestrial input as an alternative.

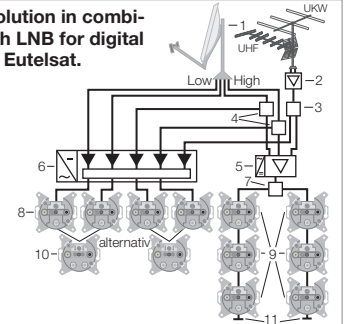
**Antenna system SAT single-cable solution with Quattro Switch LNB for digital reception of a satellite, e.g. Astra or Eutelsat.**

- 1: SAT antenna from Hirschmann type: CS 400
- 2: Amplifier from Hirschmann type: GNS 320
- 3: Digital single-cable system device from Hirschmann type: CEF 211 D
- 4: Distributor 4gang from Hirschmann type: VFC 0741 SF
- 5: Aerial socket 3-hole throughpass socket order no. 4523
- 6: Terminating resistor order no. 4503



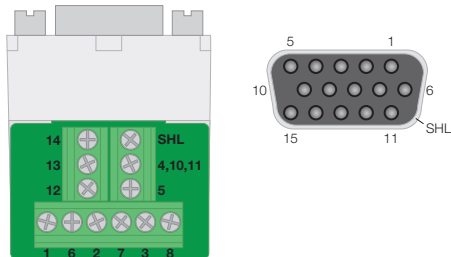
**Antenna system SAT single-cable solution in combination Multiswitch on Quattro Switch LNB for digital reception of a satellite, e.g. Astra or Eutelsat.**

- 1: SAT antenna from Hirschmann type: CS 400
- 2: Amplifier from Hirschmann type: GNS 320
- 3: Distributor from Hirschmann type: VFC 0421
- 4: Distributor from Hirschmann type: VFC 0421 SF
- 5: Digital single-cable system device from Hirschmann type: CEF 211 D
- 6: Multiswitch from Hirschmann type: CKR 5041
- 7: Distributor from Hirschmann type: VFC 0631 SF
- 8: Aerial socket 3-hole single box Order no.: 4522
- 9: Aerial socket 3-hole throughpass socket Order no.: 4523
- 10: Aerial socket 4-hole single box order no. 4594
- 11: Terminating resistor order no. 4503



**VGA module**

The VGA module is used to connect display devices to a graphics card. VGA cables can, depending on their quality, even at lengths of less than 5 m be susceptible interference, or may still transmit a good signal a more than 30 m. Cables suitable for high frequency cables with a coaxial construction are advantageous for the colour channels.



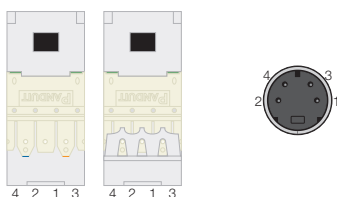
PIN	Transfer signal	Conductor
1	Red	Coaxial conductor
2	Green	Coaxial conductor
3	Blue	Coaxial conductor
4*	Monitor ID Bit 2	Twisted pair conductor (optional connection)
5	Earth	Twisted pair conductor
6	Red earth	Coaxial shield
7	Green earth	Coaxial shield
8	Blue shield	Coaxial shield
9	Not assigned	Not contacted
10*	Synch, earth	Twisted pair conductor
11*	Monitor ID Bit 0 or digital earth	Twisted pair conductor (optional connection)
12	Monitor ID Bit 1	Twisted pair conductor (optional connection)
13	Horizontal synchronisation	Conductor 1
14	Vertical synchronisation	Conductor 2
15	Monitor ID Bit 3	Not contacted
SHL	Housing shielding	Outer shielding

\* are connected together to a terminal.

**S-Video module**

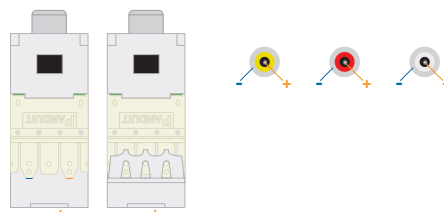
The S-Video (also known as Separate Video, Y/C) module is used in order to transmit brightness (luminance) and colour (chrominance) information separately. The cable length should not exceed 10 m.

PIN	Transfer signal
1	Luminance (Y) earth
2	Chrominance (C) earth
3	Intensity (luminance) Y
4*	Colour (chrominance) C



**Cinch module**

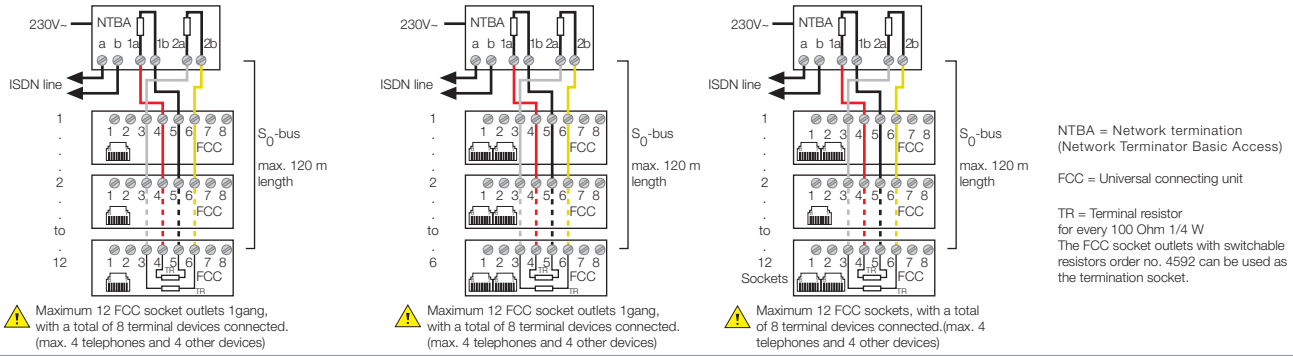
Cinch (RCA) designates a standardised connector for transmission of electrical signals, preferably via coaxial cables. The use of other types of cables is not widespread, but is possible.



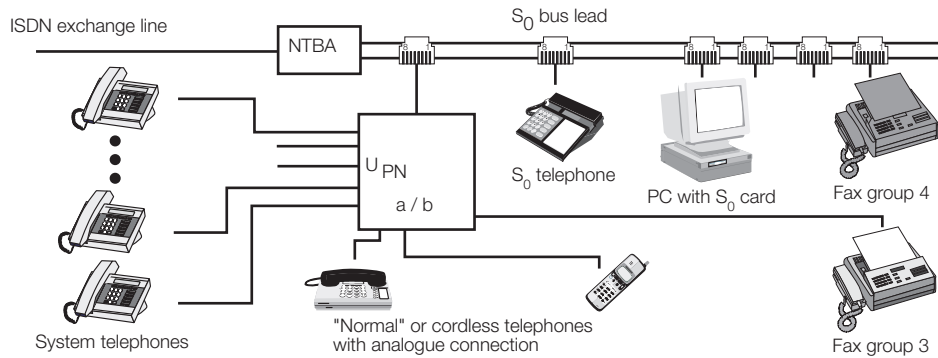
**Arrangement in cable in star 4 configuration**



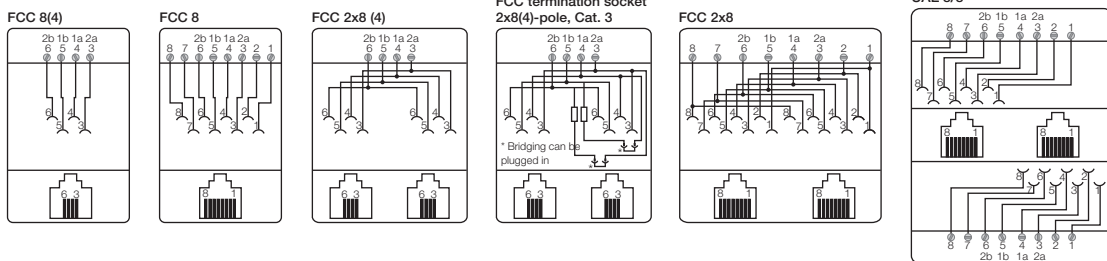
**Connection variants on ISDN-S<sub>0</sub> bus**



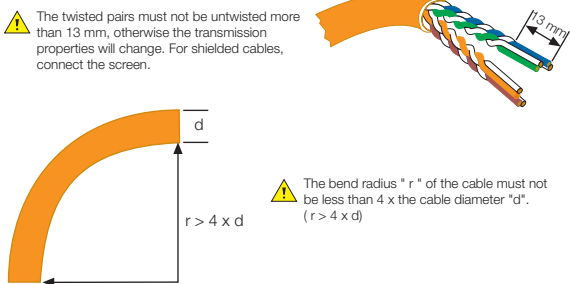
**ISDN system**



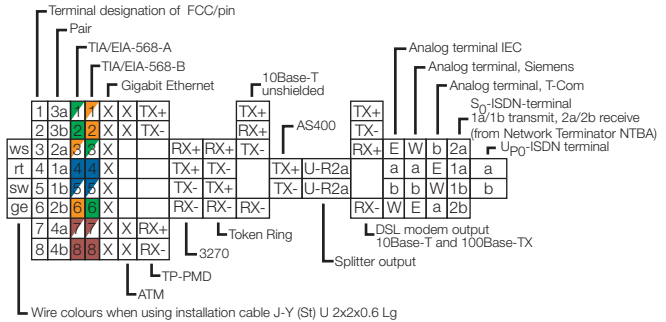
**Pin assignment of FCC socket outlets**



**Notes on Cat. 5 and 6 cables**



**Contact assignment FCC RJ45**



**Definition of terms**

**Resolution** Measure of the size of a picture, measured by the number of pixels (pixel density) or in the number of rows and columns (width and height).

**HDCP (High Bandwidth Digital Content Protection)** Copy protection for high bandwidth digital program contents in conjunction with DVI and HDMI.

**MPEG (Moving Video Expert Group)** Reduction method for image and sound data. In contrast to analogue methods (here, 25 complete images with all the relevant information are transmitted per second), the MPEG method uses only actual image changes and calculates the full image to be displayed.

**DVB (Digital Video Broadcasting)** Standardised method to transmit compressed (MPEG-2, H.264) digital content (TV, radio, multi-channel sound, spatial sound, interactive services). DVB-S stands for satellite transmission, DVB-T for terrestrial and DVB-C for cable.



**Interface standards**

**USB (Universal Serial Bus)** [USB / jack socket, order no. 33 1539 ..] Serial bus system to connect computer systems and display devices to external devices or storage media. Connection is possible during operation. The properties of connected devices are detected automatically. For home cinemas, storage media such as USB sticks and hard drives help to expand the recording devices for connection to pure playback devices



**HDMI (High Definition Multimedia Interface)** [High Definition socket, order no. 33 1542 ..] Interface for fully-digital transmission of audio and video data. HDMI video data are reverse-compatible to DVI-D.

**DVI (Digital Video Interface)** Standard interface for transmitting image data. This interface can be used to connect display devices such as LCD displays, projects, TFT monitors, plasma displays or video cameras to the graphics card of a computer.



- Video transmission signals:
- **DVI-I:** analogue and digital
  - **DVI-D:** digital
  - **DVI-A:** analogue

**Audio standards**

**Dolby® Digital** (also termed 5.1 sound) Digital multichannel audio system for cinemas and home cinemas. Successor system to Dolby Surround (or also Dolby 2.0). Dolby® Digital supports up to 6 discrete channels (5 loudspeakers, 1 subwoofer) and uses imperfect data compression.



**Dolby® TrueHD** Loss-free audio codec, specially developed for use on Blu-ray.



**Video standards**

**HD ready** Technical specification for a device to play back high-definition television (HDTV):

- Analogue component input (YPbPr / YUV)
- Digital, copy-protection-capable (HDCP) input (DVI-D/-I or HDMI)
- Support of the HD video formats 720p and 1080i (for 50/60 Hz image repeat rate)

**Full HD** Ability of a HDTV-compatible device (receiver, TV, DVD player, video camera, games console, etc.), to output or record HD resolutions. Due to different manufacturer designs (1080p full images, 1080i half images), this is not an indication of the image quality, image dimension or the display output of the device.

**HDTV (High Definition Television)** Global digital recording, production and transmission standard for television with a usable image resolution of up to 1920 x 1080 pixels in a 16:9 format.

	PAL		HDTV	
		HD ready (720p)	Full HD (1080i/1080p)*	
Logo				
Vertical resolution (image lines)	576	720	1080	
Horizontal resolution (image columns)	720	1280	1920	
Pixels (max.)	414720	921600	> 2 million	
format	4:3	16:9	16:9	
Frequency	50 Hz	50 – 60 Hz	50 – 60 Hz	

**Table 1:** TV standards and data

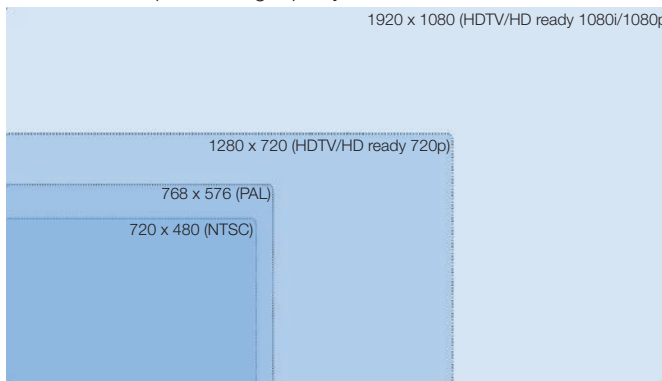
**\*1080i** (interlaced, half image method)  
 Advantage: Half transmission rate  
 Disadvantage: Half images must be recombined through a converter in the TV device

**\*1080p** (progressive, full image method)  
 Advantage: No subsequent combination of the images requires, as all 1080 are shown simultaneously with full pixel accuracy within a frame  
 Disadvantage: Very high transmission rate

Analogue video formats	
VHS	320 x 200 pixels
Hi8	576 x 420 pixels
S-VHS	640 x 480 pixels
Digital video formats	
VCD	352 x 288 pixels
SVCD	576 x 480 pixels
DVD	max. 720 x 576 pixels

**Table 2:** Resolution of current PAL video formats

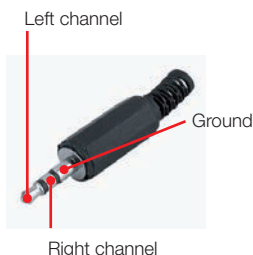
Video images with a low resolution of a 4:3 side ratio (SD, standard definition) must be scaled up for playback on HDTV devices. Detail losses lead to a poorer image quality.



**Figure 1:** Format comparison

**Connectors**

**Jack connector** [USB / jack socket, order no. 33 1539 ..]



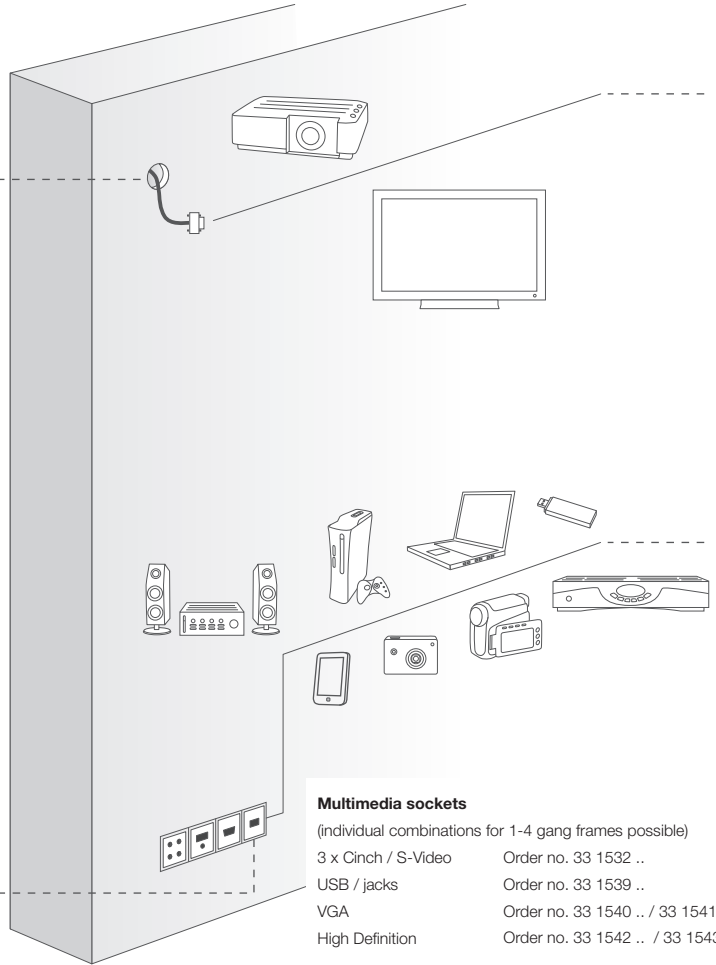
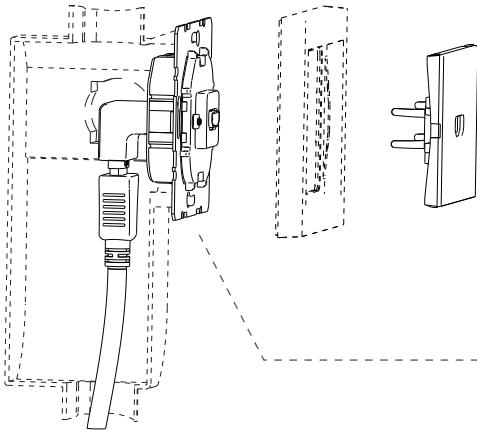
(usually 2.5 or 3.5 mm Ø) to connect portable audio playback devices (e.g. iPod, CD/DVD or MP3 player) to AV receiver or amplifier.

**Application example for Berker Multimedia Outlet**

for flush mounting or hollow-wall mounting



Cable outlet with low insertion depth  
(optional)  
Order no. 4468

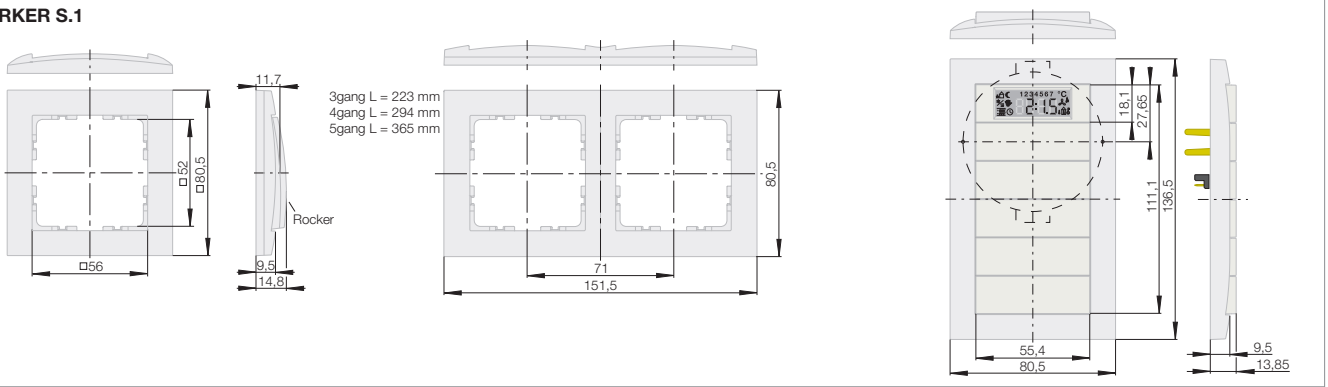


**Multimedia sockets**

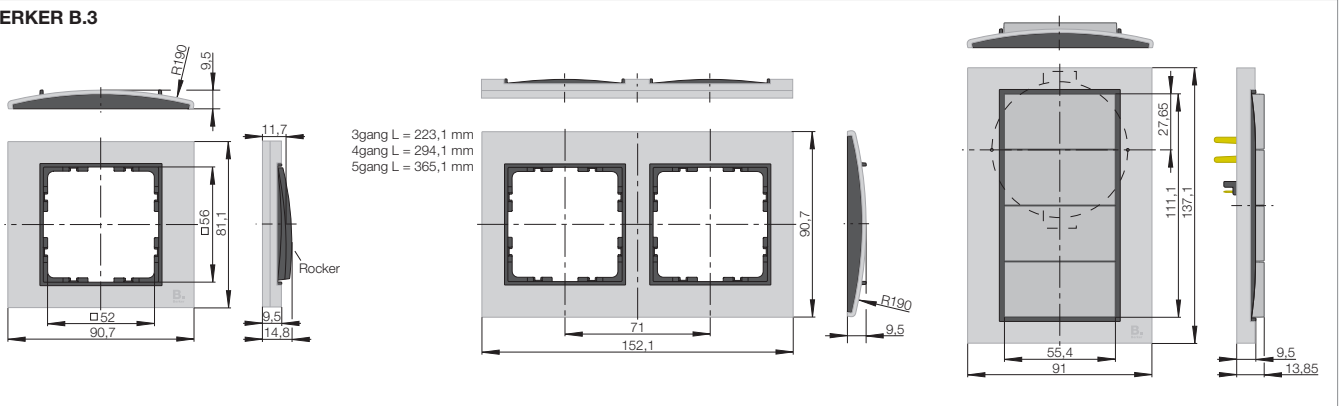
(individual combinations for 1-4 gang frames possible)

- |                     |                                   |
|---------------------|-----------------------------------|
| 3 x Cinch / S-Video | Order no. 33 1532 ..              |
| USB / jacks         | Order no. 33 1539 ..              |
| VGA                 | Order no. 33 1540 .. / 33 1541 .. |
| High Definition     | Order no. 33 1542 .. / 33 1543 .. |

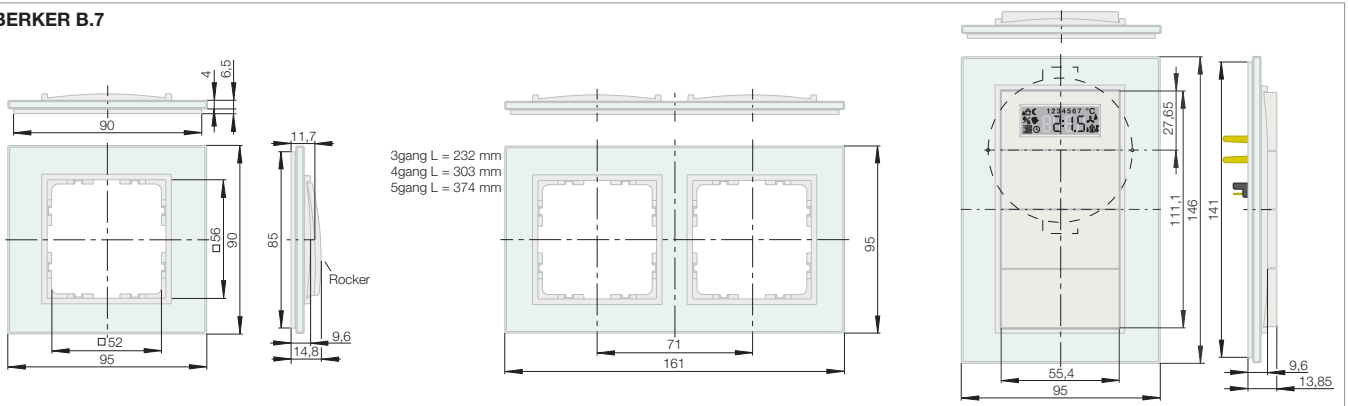
**BERKER S.1**



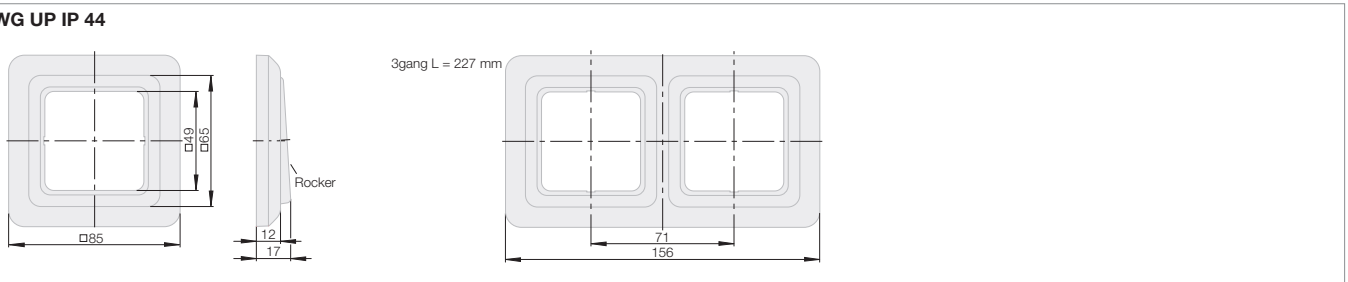
**BERKER B.3**



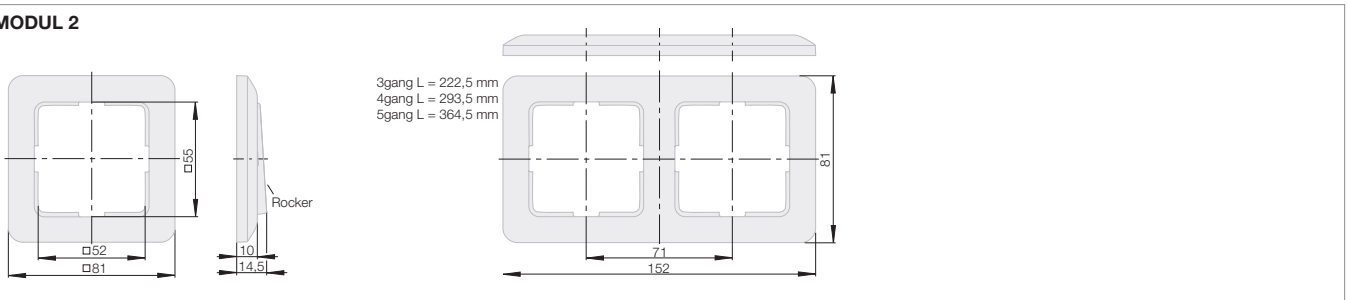
**BERKER B.7**



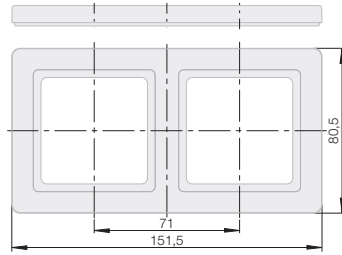
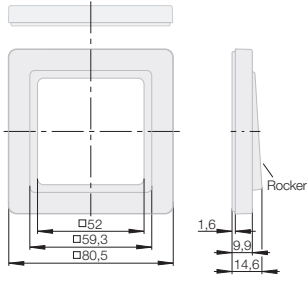
**WG UP IP 44**



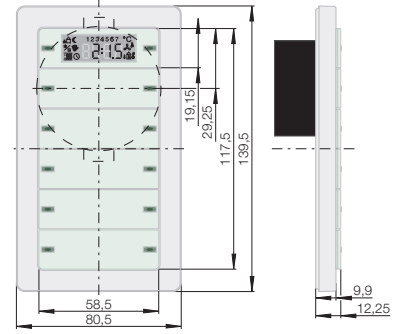
**MODUL 2**



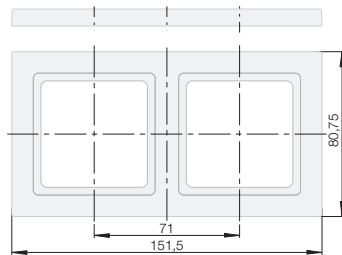
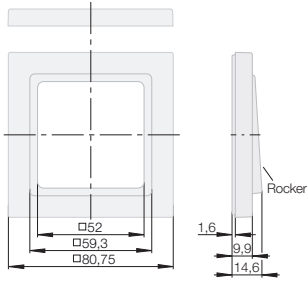
**BERKER Q.1**



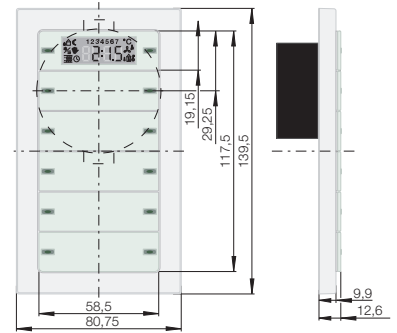
3gang L = 222,5 mm  
4gang L = 293,5 mm  
5gang L = 364,5 mm



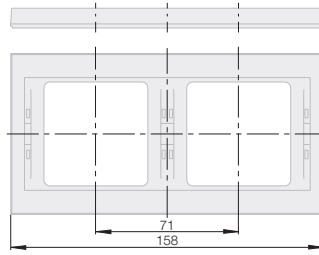
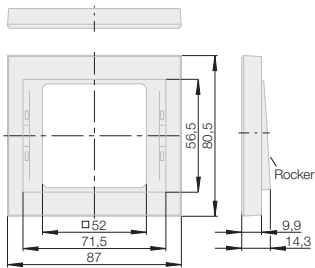
**BERKER Q.3**



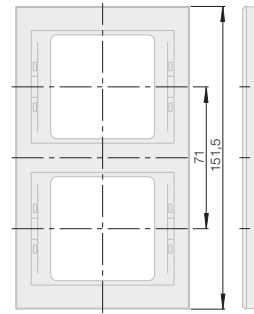
3gang L = 222,5 mm  
4gang L = 293,5 mm  
5gang L = 364,5 mm



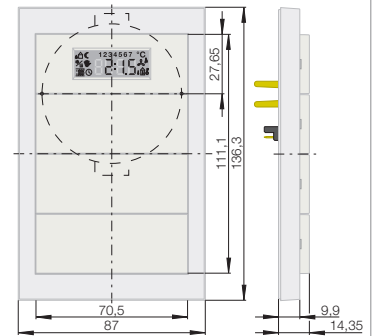
**BERKER K.1/K.5**



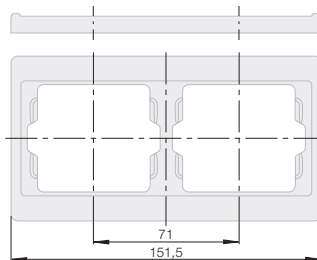
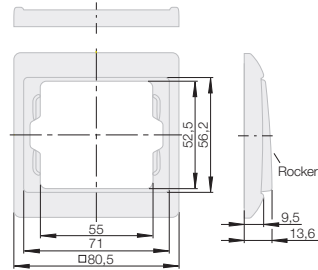
3gang horizontal L = 229 mm  
4gang horizontal L = 300 mm  
5gang horizontal L = 371 mm



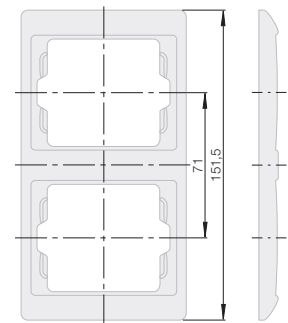
3gang vertical L = 222,5 mm  
4gang vertical L = 293,5 mm  
5gang vertical L = 364,5 mm



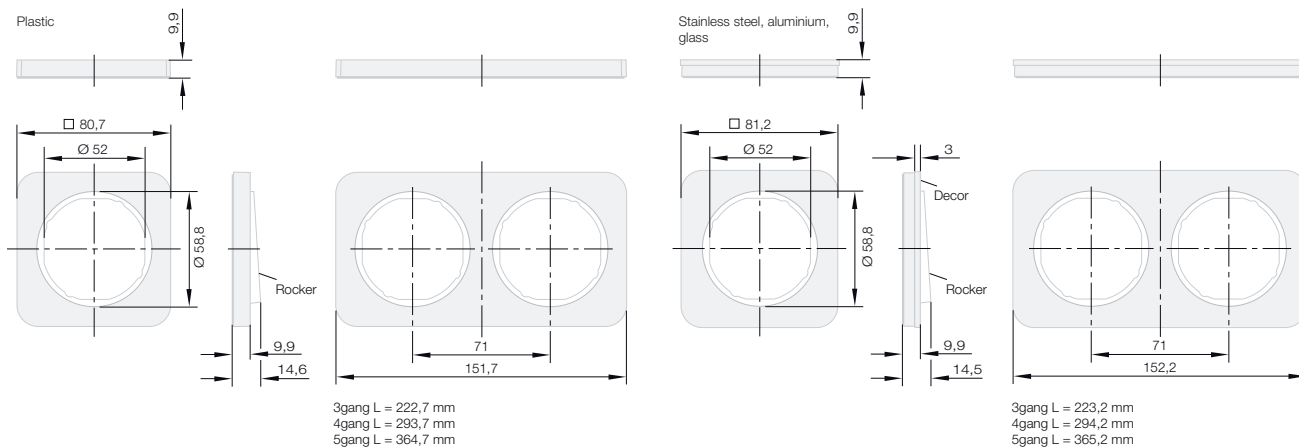
**BERKER ARSYS**



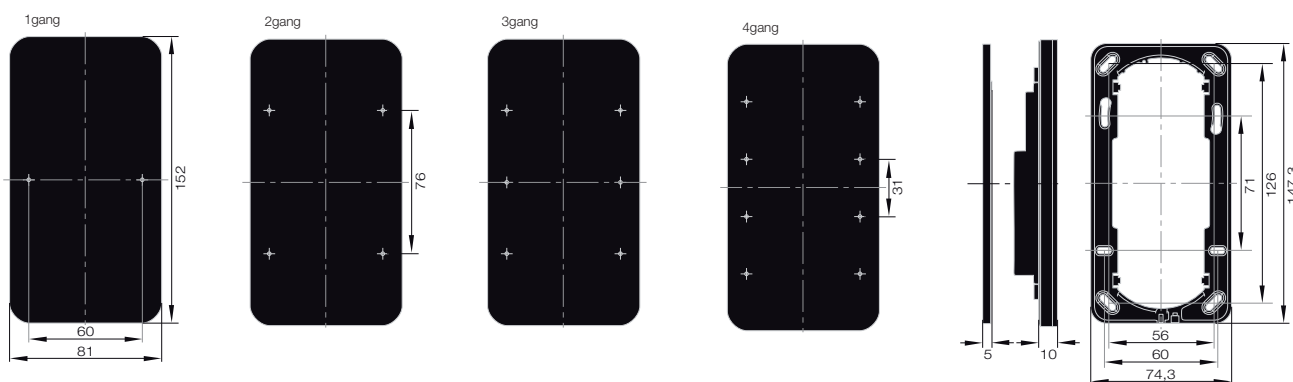
3gang L = 222,5 mm  
4gang L = 293,5 mm  
5gang L = 364,5 mm



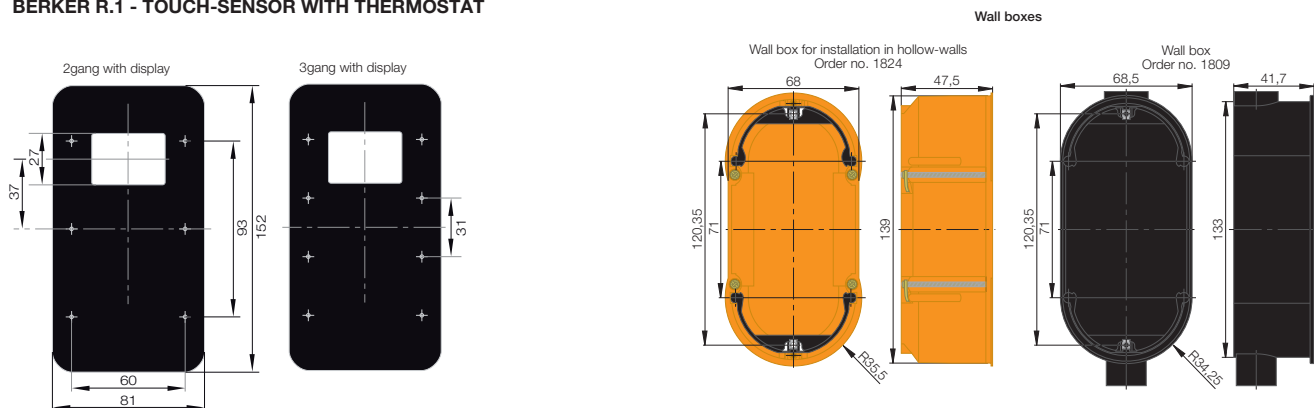
**BERKER R.1**



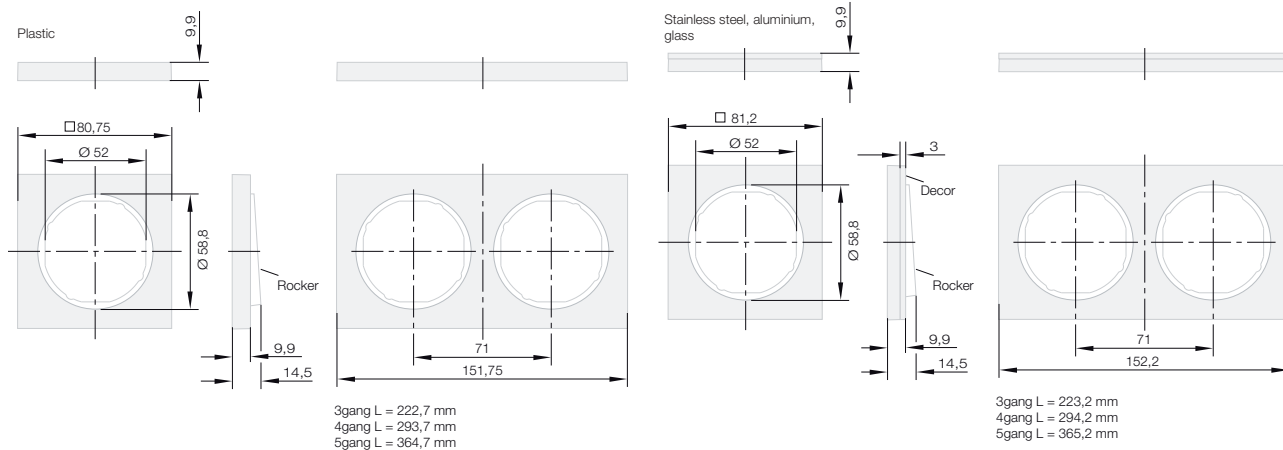
**BERKER R.1 - TOUCH-SENSOR**



**BERKER R.1 - TOUCH-SENSOR WITH THERMOSTAT**

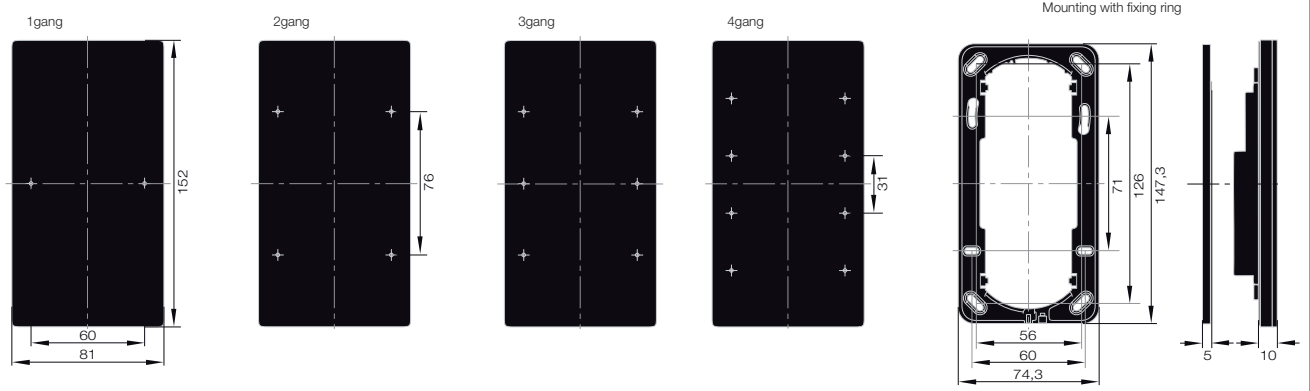


**BERKER R.3**

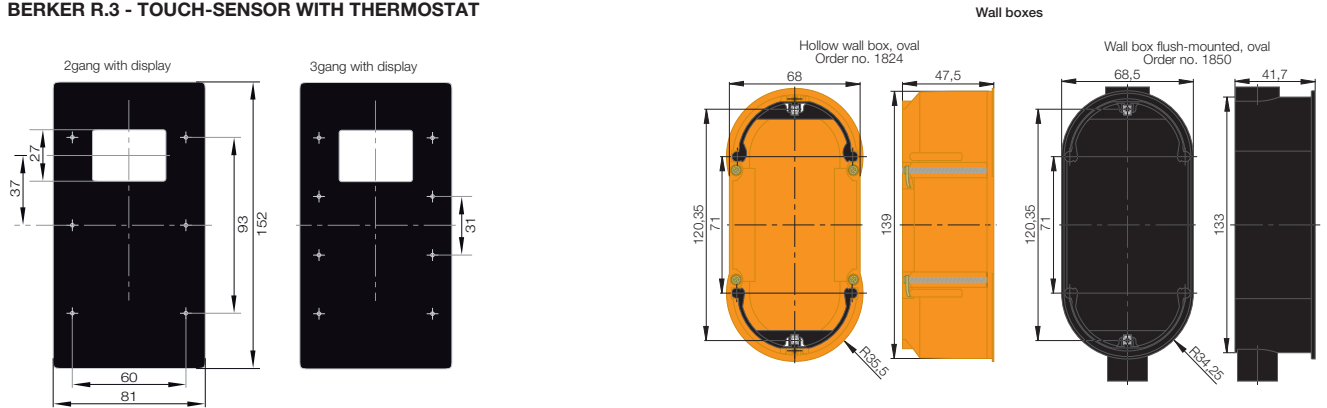




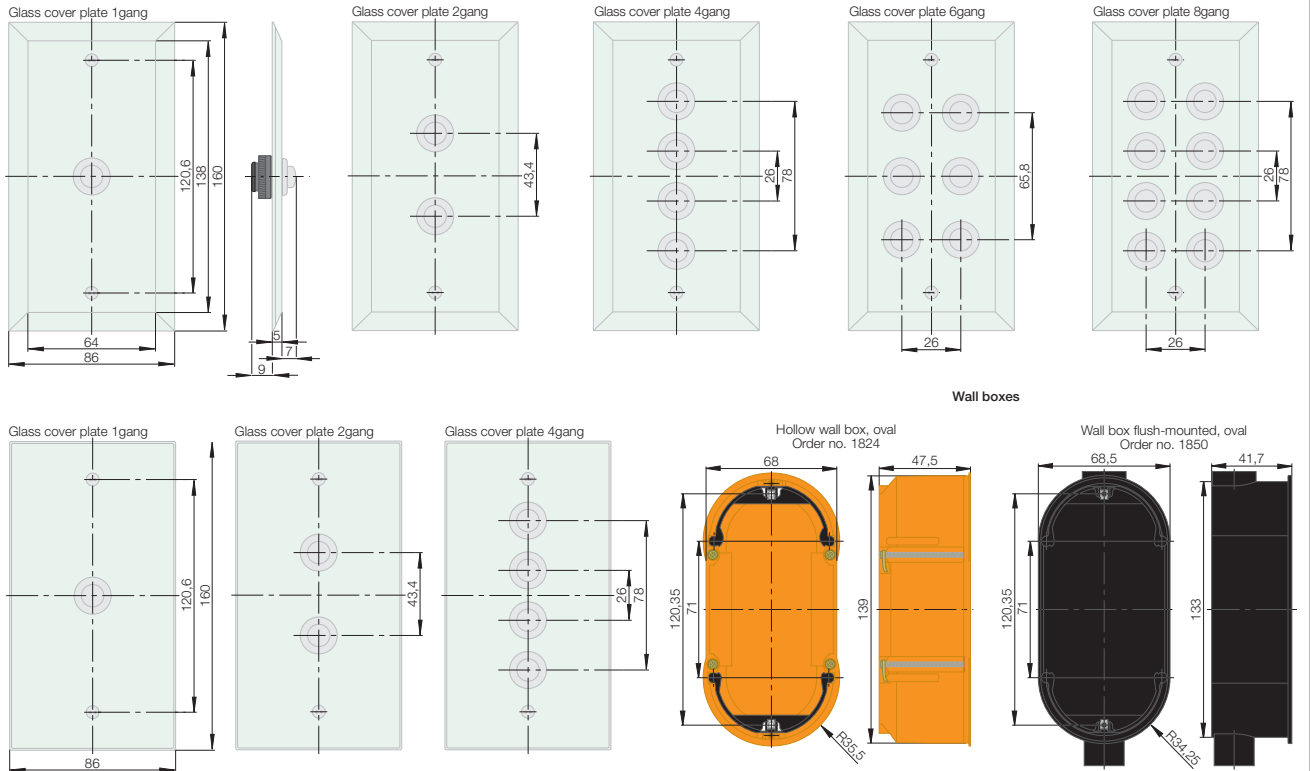
**BERKER R.3 - TOUCH-SENSOR**



**BERKER R.3 - TOUCH-SENSOR WITH THERMOSTAT**

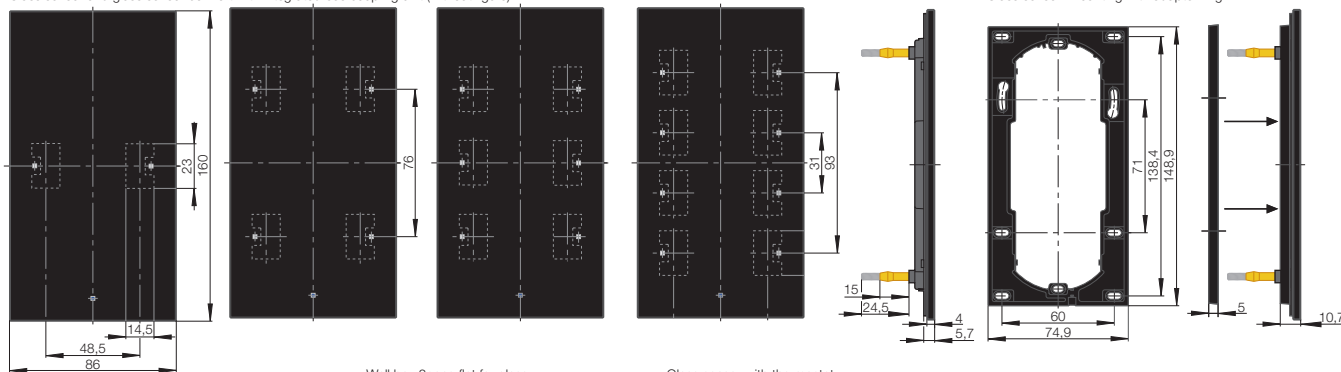


**BERKER TS**



**BERKER TS SENSOR**

Glass sensor und glass sensor comfort with integrated bus coupling unit (without figure)



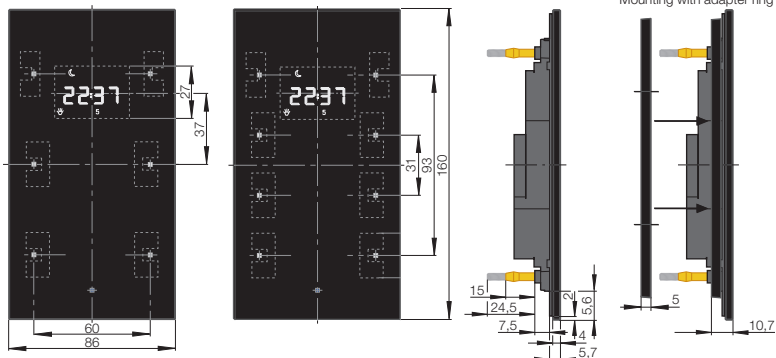
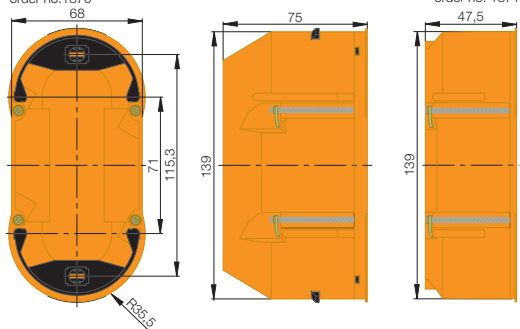
Glass sensor: Mounting with adapter ring

Wall box 2gang flat for glass sensors comfort

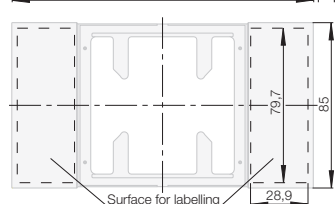
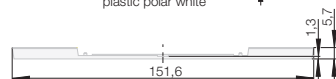
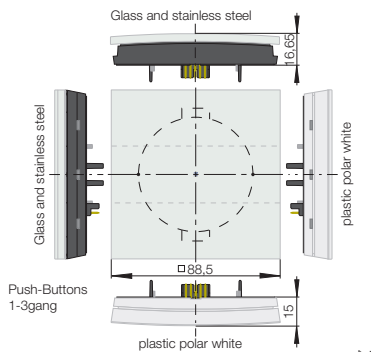
Glass sensor with thermostat

Mounting with adapter ring

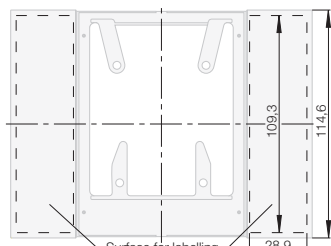
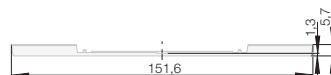
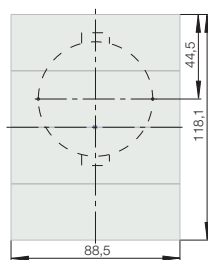
Wall box 2gang for glass sensors from Berker TS, order no. 1870 and glass sensors with thermostat, order no. 1871



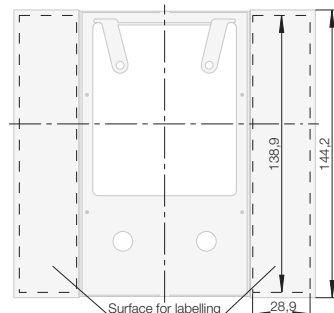
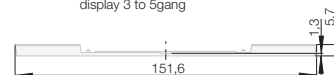
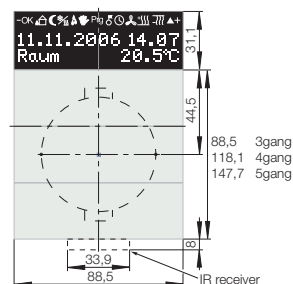
**BERKER B.IQ**



Labelling field for B.IQ push-buttons 1gang, 2gang, 3gang

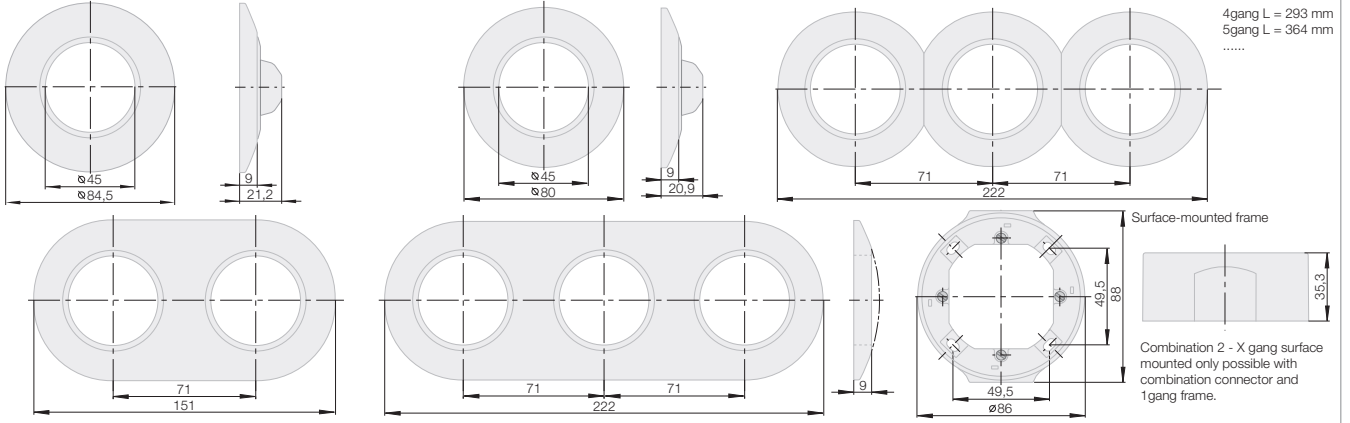


Labelling field for B.IQ push-buttons, 4gang

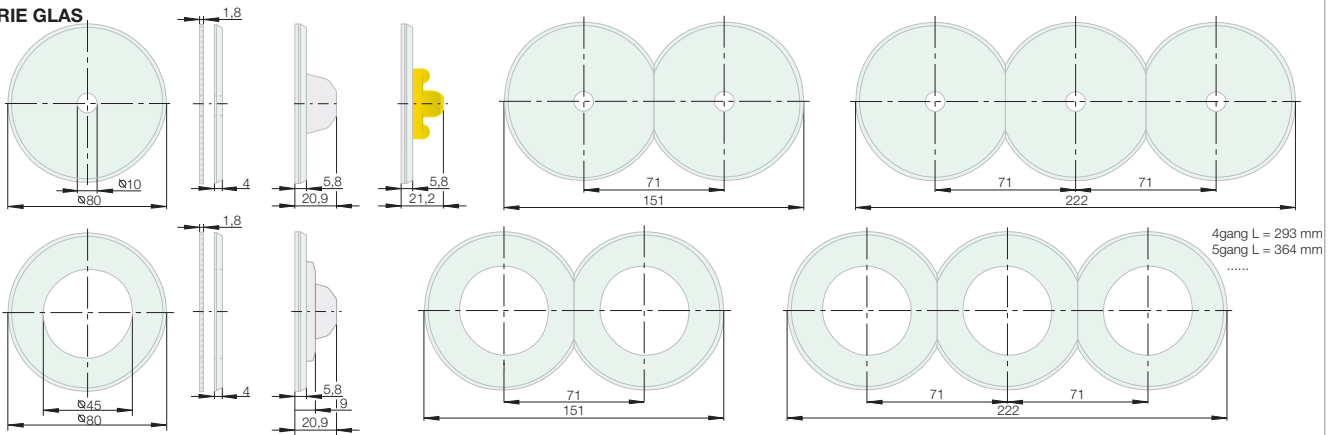


Labelling field for B.IQ push-buttons, 5gang

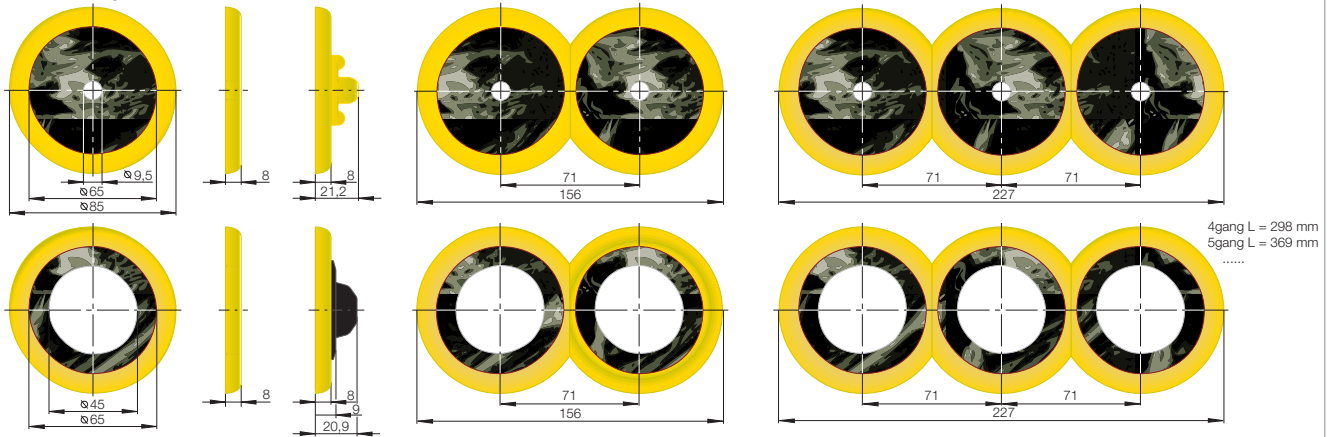
**SERIE 1930 PORZELLAN MADE BY ROSENTHAL / SERIE 1930**



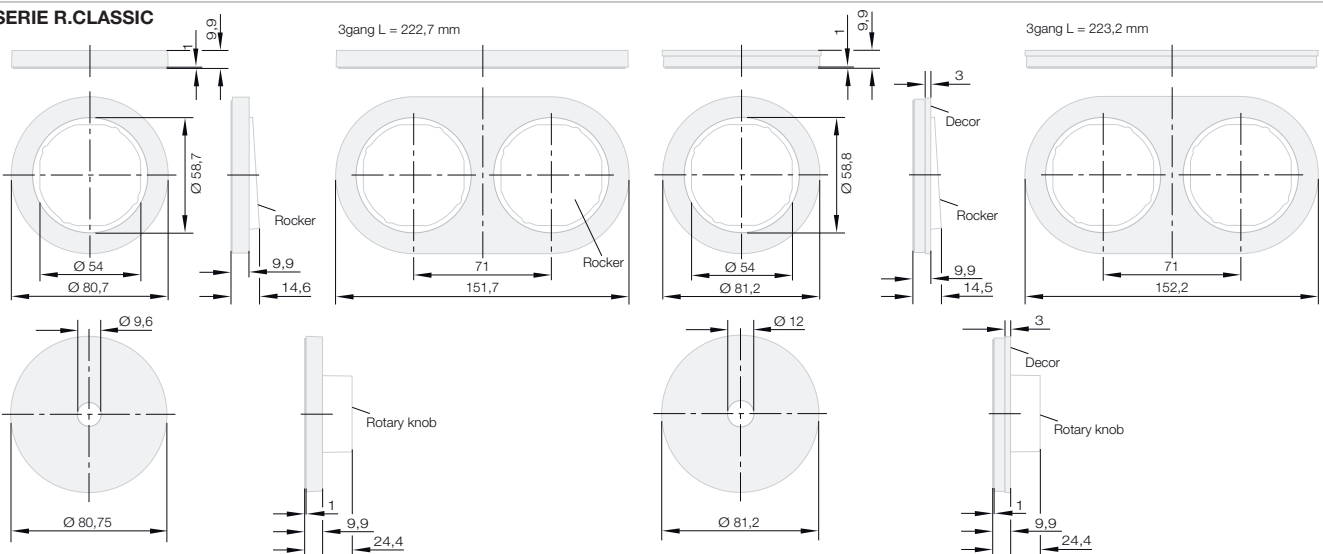
**SERIE GLAS**



**SERIE PALAZZO**

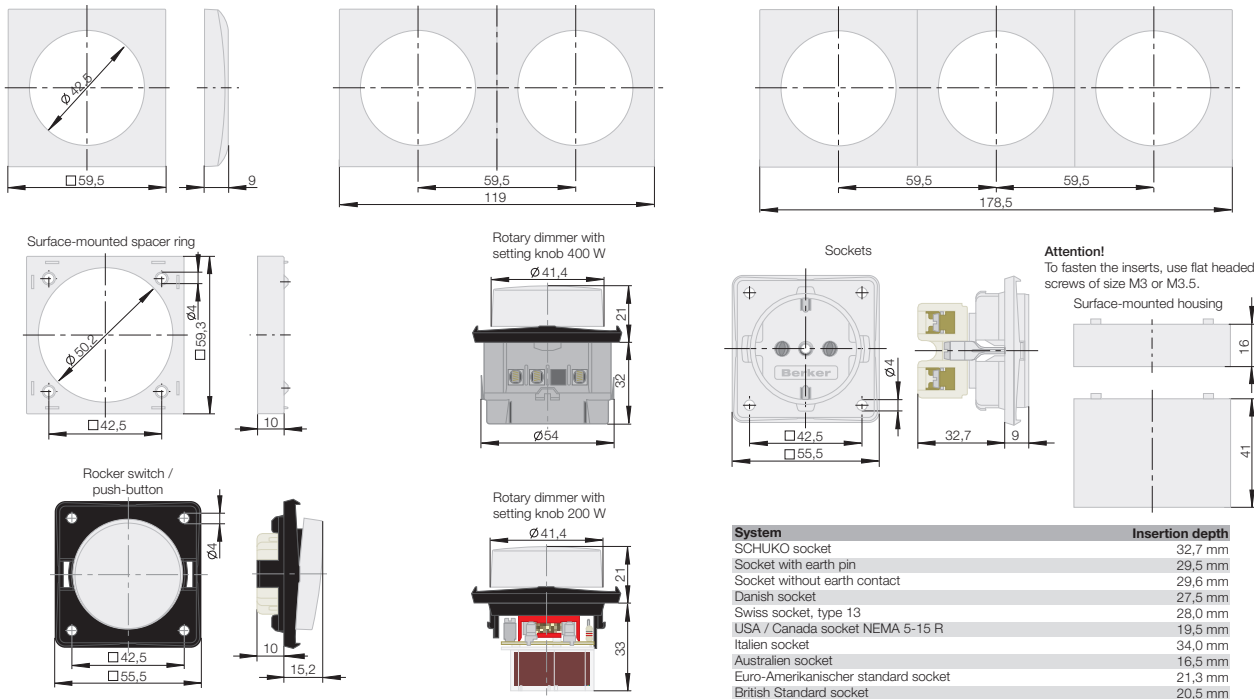


**SERIE R.CLASSIC**

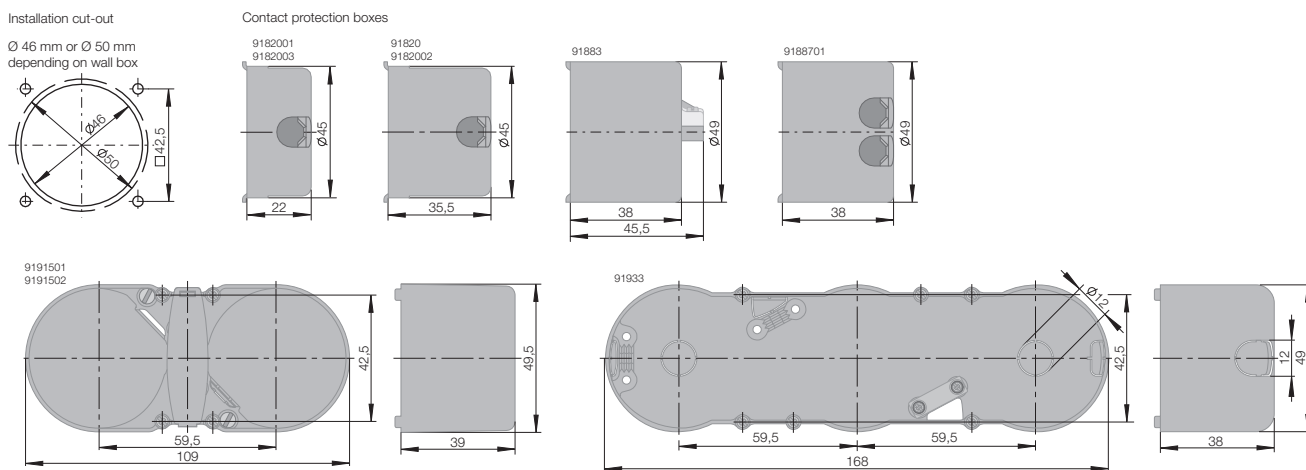


# DIMENSIONAL DRAWINGS BERKER INTEGRO FLOW/SURFACE-MOUNTED

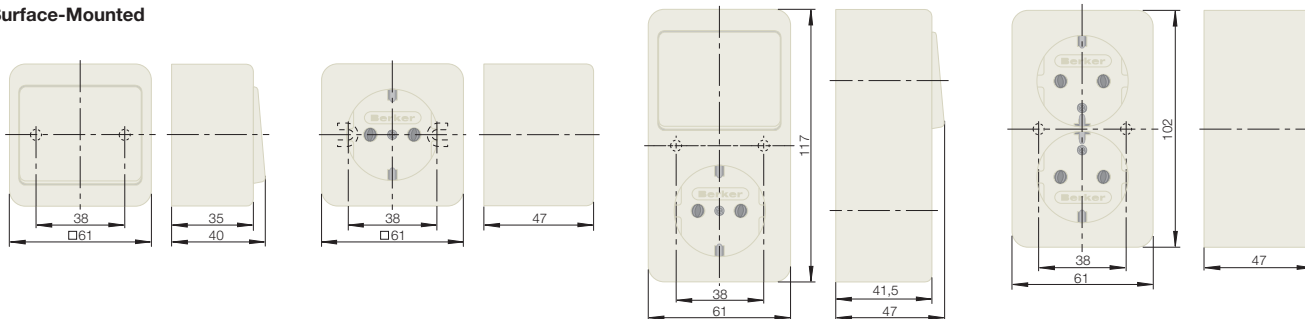
## BERKER INTEGRO FLOW



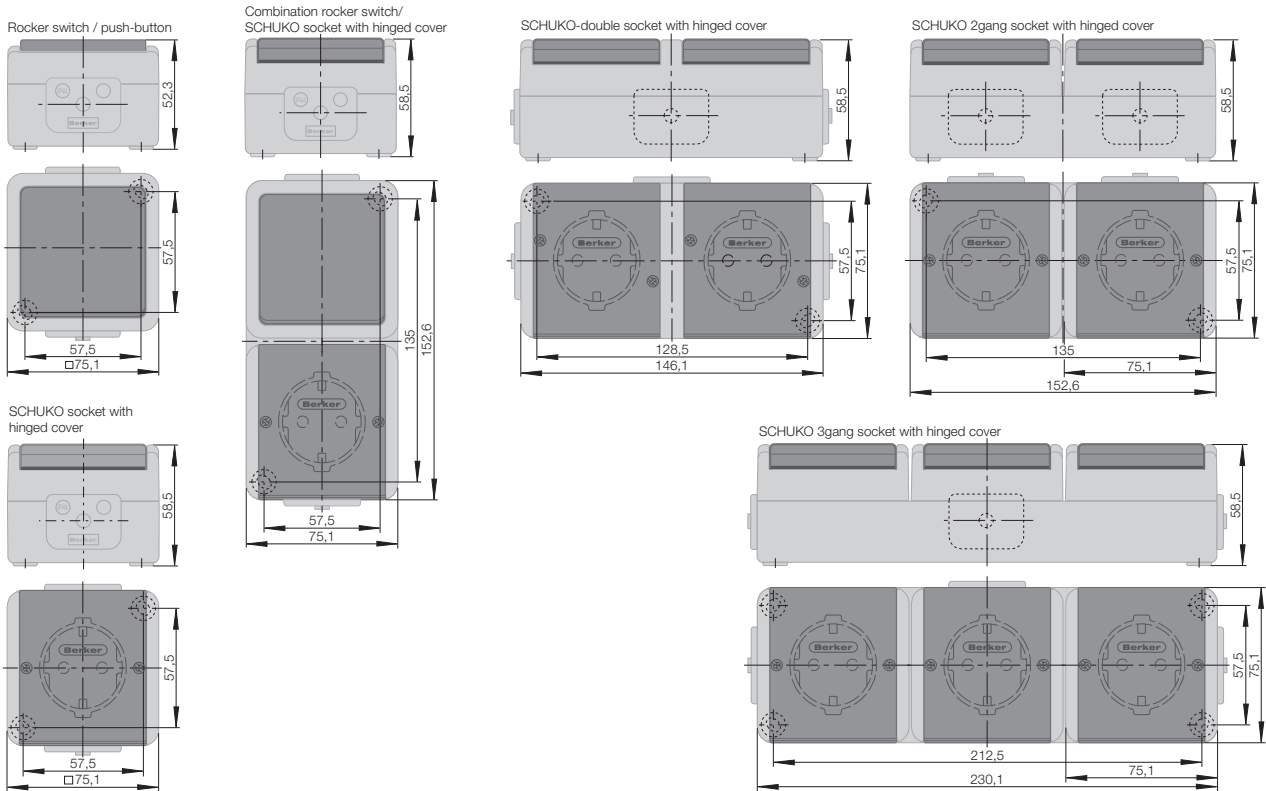
## BERKER INTEGRO FLOW



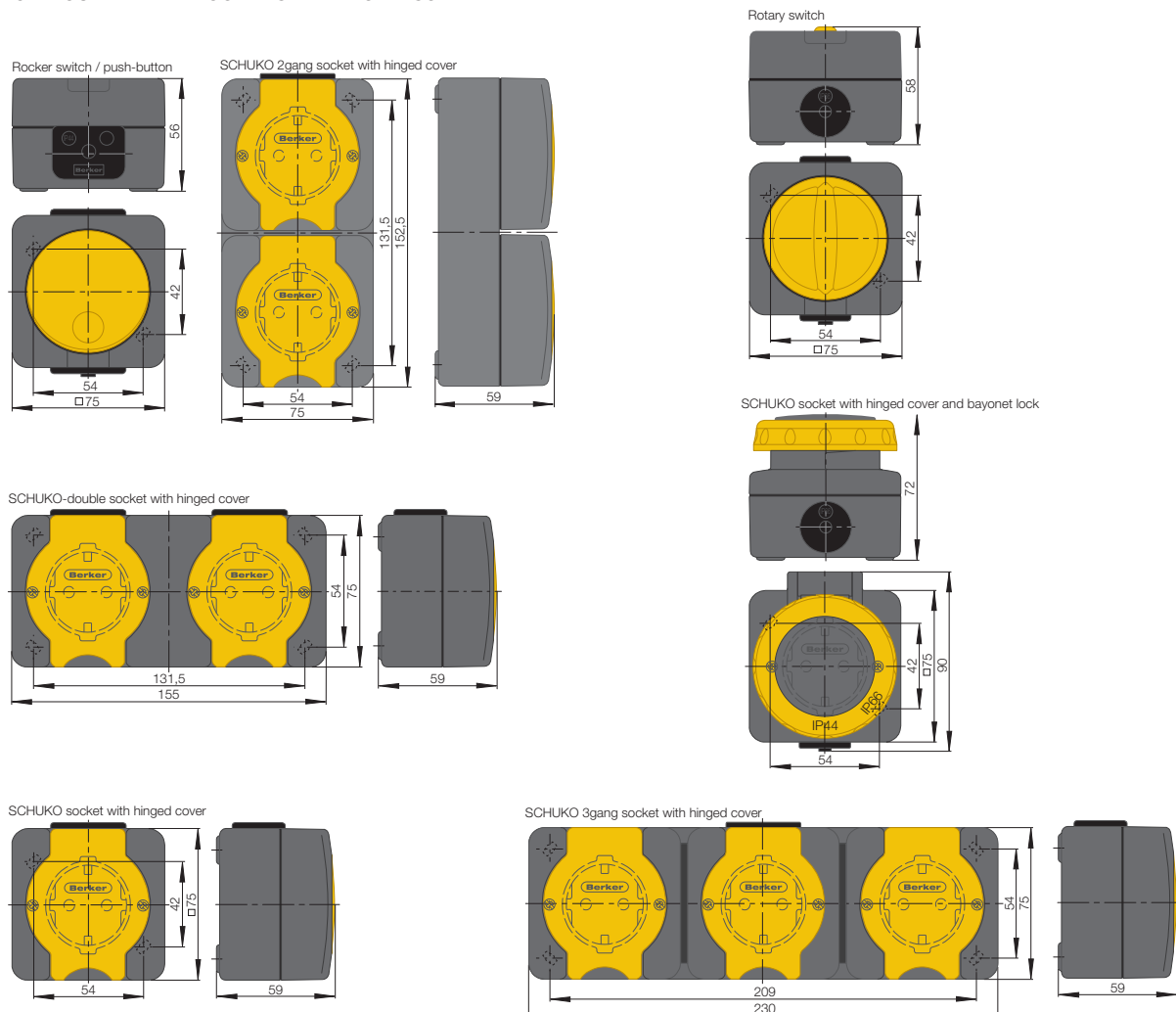
## Surface-Mounted



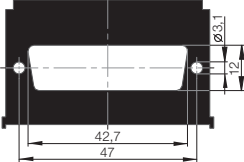
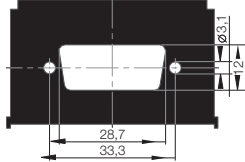
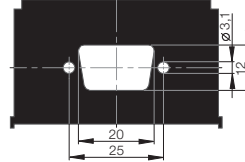
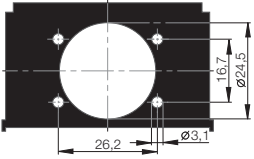
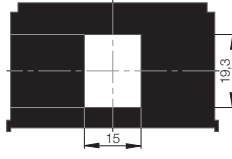
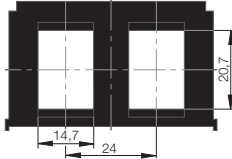
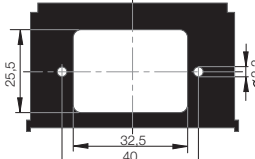
**SURFACE-MOUNTED WET-ROOM INSTALLATION - AQUATEC**



**SURFACE-MOUNTED WET-ROOM INSTALLATION - ISOPANZER**


















# DIMENSIONAL DRAWINGS MOUNTING PLATES

<p>For further information, please see our online catalogue at <a href="http://www.berker.de">www.berker.de</a></p>	 <p>D-Subminiature connector 25pin order no. 1111 01</p>	 <p>D-Subminiature connector 15pin order no. 1111 02</p>	 <p>D-Subminiature connector 9pin order no. 1111 03</p>
 <p>XLR built-in socket C-series order no. 1111 05</p>	 <p>Modular jack order no. 1111 16</p>	 <p>for 2 x Modular jack order no. 1112 18</p>	 <p>for cold sleeve/connector for cold condition order no. 1111 21</p>





**Circuit symbols in unresolved display**

To simplify the planning by means of circuit symbols, we have additionally developed our own circuit symbols based on the standard or we have used symbols already existing on the market.




















Some of the new underlying details:

-  Electronic device
-  Scanning arm NO contact
-  Scanning arm NC contact
-  Scanning arm change-over
-  Scanning arms directed to each other or in each other corresponds to common input terminal
-  Scanning arms directed away from each other corresponds to Isolated input terminal
-  Hinged covers
-  KNX device
-  Radio bidirectional
-  Infrared IR
-  Passive infrared motion detector
-  Passive infrared presence detector
-  USB connector
-  Binary input
-  Sensors

















**Socket outlets without earthing contact**

-  Socket outlet without earthing contact
-  2gang- / double socket outlet without earthing contact
-  Socket outlet without earthing contact with enhanced contact protection
-  USB charging socket
















**Socket outlets with earthing contact**

-  Plugs with earthing contact
-  SCHUKO socket outlet
-  2gang / double SCHUKO socket outlet
-  3gang SCHUKO socket outlet
-  SCHUKO socket outlet with enhanced contact protection
-  2gang SCHUKO socket outlet with enhanced contact protection
-  3gang SCHUKO socket outlet with enhanced contact protection
-  SCHUKO socket outlet with hinged cover
-  2gang SCHUKO socket outlet with hinged cover
-  3gang SCHUKO socket outlet with hinged cover
-  SCHUKO socket outlet with hinged cover with enhanced contact protection
-  SCHUKO socket outlet with hinged cover and lock
-  2gang SCHUKO socket outlet with hinged cover and lock
-  Illuminated SCHUKO socket outlet
-  Illuminated SCHUKO socket outlet with enhanced contact protection
-  Illuminated SCHUKO socket outlet with hinged cover
-  SCHUKO socket outlet that can be switched off with enhanced contact protection
-  SCHUKO socket outlet with overvoltage protection
-  SCHUKO socket outlet with residual current circuit-breaker (RCCB) and enhanced contact protection
-  Three-phase plug with neutral and earthing contact
-  Three-phase socket outlet with neutral conductor, earthing contact and hinged cover









**Switches**

-  On/off switch
-  On/off switch, 2pole
-  On/off switch, 2pole with lamp
-  On/off switch, 3pole
-  Series switch
-  Change-over switch
-  Intermediate switch
-  Double change-over switch
-  Pullcord change-over switch
-  Time on/off switch, 2pole
-  Key change-over switch
-  Key change-over switch, 2pole
-  SCHUKO change-over switch and socket outlet combination
-  SCHUKO change-over switch and socket outlet with hinged cover combination
-  Key on/off switch 2pole and SCHUKO socket outlet with hinged cover combination
-  Series switch and SCHUKO socket outlet with hinged cover combination









**Push-button**




-  Push-button, NO contact
-  Push-button, NO contact with 2 signal contacts
-  Push-button, NC contact
-  Push-button, change-over
-  Push-button, 2 NO contacts, 1 input, 1 rocker
-  Push-button, 2 NO contacts, 2 inputs, 1 rocker
-  Push-button, 1 NO contact, 1 NC contact, 2 inputs, 1 rocker
-  Push-button, 2 NO contacts, 1 input, 2 rockers
-  Push-button, 2 NO contacts, 2 inputs, 2 rockers
-  Push-button, 1 NO contact, 1 NC contact, 2 inputs, 2 rockers
-  Push-button, 2 change-overs, 2 inputs, 2 rockers
-  Push-button, 4 NO contacts, 1 input
-  Key push-button, 1 NO contact
-  Key push-button, 1 change-over
-  Pullcord push-button, change-over with signal contact

**Switch / push-button for blinds**







-  Blind switch
-  Blind switch, 2pole
-  Key switches for blinds
-  Key switches for blinds, 2pole
-  Blind push-button
-  Blind push-button, 2pole
-  Key push-buttons for blinds
-  Key push-buttons for blinds, 2pole

**Switches for blinds electronic**










-  Blind switch, electronic
-  Blind switch electronic with sensor connection
-  Blind switch electronic/blind actuator with radio receiver
-  Radio blind actuator, 4gang
-  Blind switch electronic/blind actuator with radio bidirectional
-  Blind switch electronic/blind actuator, 2 binary inputs and radio bidirectional
-  Blind switch electronic with timer
-  Blind switch electronic with timer and sensor connection

-  Blind switch electronic with timer and radio bidirectional
-  Blind switch electronic with timer sensor, connection and radio bidirectional
-  Cutoff relay

**Special switch/push-button**

-  Hotel card switch NO contact
-  Hotel card switch change-over
-  Hotel card switch, 1 NO contact, 1 NC contact, 2 inputs
-  Hotel card switch, NO contact with 2 signal contacts
-  3-step switch with 0-position
-  3-step switch without 0-position

**Electronic switches/ components**

-  Time relay for motion detector
-  Mains decouplers
-  Hotel card switch, NO contact electronic
-  Electronic switch
-  Electronic switch/switch actuator with radio receiver
-  Electronic switch/switch actuator with radio bidirectional
-  PIR motion detector with electronic contact
-  PIR IR motion detector with electronic contact
-  PIR motion detector with electronic contact and radio bidirectional



	PIR presence detector with electronic contact
	Electronic switch, 2gang
	Electronic switch 2gang/switch actuator 2gang, with radio bidirectional
	Relay switch
	Relay switch with time function/controller power pack
	Relay switch/switch actuator with radio receiver
	Relay switch/switch actuator with radio bidirectional
	PIR motion detector with relay contact
	PIR IR motion detector with relay contact
	PIR motion detector with relay contact and radio bidirectional
	PIR presence detector with relay contact
	PIR IR presence detector with relay contact
	Timer with relay contact
	Timer with sensor connection and relay contact
	Timer with relay contact and radio bidirectional
	Relay switch/switch actuator with radio bidirectional and binary input
	Relay switch, 2gang
	Relay switch 2gang with time function/controller power pack 2gang
	PIR motion detector with 2 relay contacts

	PIR IR motion detector with 2 relay contacts
	PIR presence detector with 2 relay contacts
	Relay switch/switch actuator 4gang with radio receiver
	Adapter plug actuator with radio receiver
	Adapter plug actuator with radio bidirectional
	Extension unit, electronic
	PIR motion detector extension unit
	PIR presence detector extension unit
	Electronic transformer
	Switch power supply
	Radio repeater, signal amplifier
	KNX / KNX radio bidirectional gateway

**Rotary dimmer rotary control units**

	Rotary dimmer with on/off switch
	Rotary dimmer with change-over switch
	1 - 10 V rotary potentiometer with on/off switch
	1 - 10 V rotary potentiometer with NO contact push-button
	DALI rotary potentiometer with on/off switch
	DALI rotary potentiometer with on/off switch and power supply
	Speed controller with on/off switch and additional contact

**Touch dimmer touch control units**

	Touch dimmer
	Touch dimmer with radio receiver
	Adapter plug dim actuator with radio receiver
	Touch dimmer with radio bidirectional
	PIR motion detector with dim function
	PIR IR motion detector with dim function
	PIR motion detector with radio bidirectional and dim function
	PIR presence detector with dim function
	1 - 10 V touch control unit
	1 - 10 V touch control unit with IR-receiver
	1 - 10 V touch control unit with radio receiver
	1 - 10 V touch control unit with PIR motion detector
	1 - 10 V touch control unit with PIR presence detector
	1 - 10 V touch control unit with PIR IR motion detector
	DALI touch control unit with IR receiver
	Series touch dimmers
	Series touch dimmer / dim actuator 2gang with radio bidirectional
	Dim actuator 4gang with radio bidirectional
	Power booster for dimmer

**General applications**

- Blank plate
- Cable outlet
- Pilot lamp
- Pilot lamp 2gang

**Wireless components**

- Radio hand-held transmitter
- Radio wall-transmitter
- Radio wall-transmitter 2gang
- Radio wall-transmitter 3gang
- Radio wall-transmitter 4gang
- Radio motion detector
- Radio presence detector
- IR hand-held transmitter

**Data / Telecommunication**

- Loudspeaker socket outlet
- Stereo loudspeaker socket outlet
- TV aerial socket
- TAE socket outlet
- FCC socket outlet
- TAE-FCC combination socket
- HDMI socket outlet
- VGA socket outlet
- S-Video socket outlet
- Cinch socket outlet

S-Video and Cinch socket outlet

USB and jack socket outlet

**Security and safety systems**

- Key switches  
Motion detectors general
- Siren
- Alarm siren with rotating light
- Smoke detectors
- Magnetic contact
- Radio magnetic contact
- alarm central unit
- KNX alarm central unit
- Strike plate contact  
lock switch contact
- Blocking element
- Glass breakage detector
- Alarm distribution terminal
- Overvoltage protection module
- Residual current circuit-breaker

**HVAC components**

- Electro-thermal valve drive
- Room thermostat with NO contact and timer
- Thermostat with NO contact, sensor and timer
- Room thermostat with NC contact, on/off switch and lamp
- Thermostat with NO contact, sensor, on/off switch and lamp
- Room thermostat with change-over
- Temperature sensor

**Consumer electronics door communication**

- VHF radio
- Amplifier
- Docking station
- Speaker
- Antenna

**Klinik installation**

(Double pole) socket outlet for floating output

**Sensors/inputs**

- Brightness sensor
- Wind sensor
- Rain sensor
- Binary input 2gang radio bidirectional
- Radio binary input 2gang / push-button interface 2gang / transmitter 2gang UP
- Radio binary input 4gang

**General Terms and Conditions of Business**

(status 3/04)

(on the basis of the ZVEI e.V. recommendation on conditions)

**1. General provisions**

The written declarations by both parties are deemed authoritative in respect of the scope of the deliveries or services (hereinafter Deliveries). In addition these General Terms and Conditions of Business apply. General terms and conditions of the Buyer shall only apply insofar as the Supplier or the party rendering the service (hereinafter Supplier) has expressly approved of such conditions in writing. In other respects the regulations of Verband Deutscher Elektrotechniker apply insofar as they are taken into consideration in respect of the safety of deliveries or services.

These General Terms and Conditions of Business also apply to all future transactions with the Buyer.

The Supplier reserves unrestricted ownership and copyright utilisation rights to cost estimates, drawings and other offer documents (hereinafter Documents). These may not be made available to third parties without approval by the Supplier and on request they are to be returned without delay if the order is not placed. This applies accordingly to the Buyer's documents. However, these may be made available to third parties to whom the Supplier is permitted and intends to assign deliveries.

The Buyer enjoys the non-exclusive right to use standard and individual software with the agreed performance factors in an unaltered form on the agreed equipment.

The Buyer may not assign or make this software available to third parties for use. Partial deliveries are permitted. In the case of order-related production, excess or short deliveries in each case of 10% are permitted.

**2. Securities**

The Buyer's creditworthiness is the prerequisite for an obligation to deliver. As a general rule the Supplier is entitled to demand advance payments, securities or cash payments insofar as it considers this necessary. If the Buyer remains in arrears in respect of honouring its payment obligations, or if it does not answer questions regarding its creditworthiness, the Supplier reserves the right to withdraw from the contract and, if applicable, demand claims for damages as a result of non-performance. In such cases goods that have already been delivered are to be returned to the Supplier in their original condition. Furthermore in the event of enforcement by writ in respect of the Buyer's assets, composition or bankruptcy proceedings, discontinuation of business operations or the transfer of a business as well as seizure, all the Supplier's accounts receivable shall fall due without delay.

The Supplier is to be informed without delay of any considerable deterioration in the financial position (e.g. enforcement by writ, discontinuation of payment, composition, bankruptcy, discontinuation of business operations, the transfer of a business, seizure or the transfer of goods, inventories or outstanding items as a guarantee).

**3. Delivery periods**

Details in the confirmation of order are authoritative in respect of the delivery period. Adherence to the period is conditional on the following: the timely receipt of all documents, licences and releases to be obtained by the Buyer; self-deliveries; adherence to the terms of payment specified by the Supplier, and other obligations. The period shall be extended accordingly if these basic requirements are not met in good time.

The period is deemed adhered to if the goods have been dispatched, or collected, within the agreed delivery period. If the delivery is delayed for reasons for which the Buyer is responsible, the time agreed upon shall be deemed complied with on notification of the readiness to dispatch.

If the non-adherence to the period for deliveries is proven to be attributable to force majeure, industrial disputes or unforeseeable obstructions, the period shall be extended accordingly.

In the event that the agreed or extended delivery period is not adhered to, the Buyer may, insofar as it furnishes proof that it has suffered damage as a result of the delay, demand compensation for delayed performance for each full week of delay from \_\_\_% to a total of 5% of the value of the part of the delivery that is delivered late. Further-reaching claims for compensation on the part of the Buyer are excluded. This does not apply insofar as mandatory liability

applies in cases of intent or gross negligence. This shall not affect the Buyer's right to withdraw following the lapse of a reasonable extension granted to the Supplier.

**4. Passing of risk**

Risk shall also pass to the Buyer in the case of a carriage-paid delivery if the goods have been dispatched or collected. Shipping shall be carried out according to the Buyer's instructions or according to the Supplier's best judgement without responsibility for the most cost-effective forwarding. At the request, and cost, of the Buyer, the Supplier shall insure the consignment against customary transport risks. If the shipping is delayed at the Buyer's request, or for reasons for which the Buyer is responsible, the risk shall pass to the Buyer from the day on which the goods are ready for dispatch. In such a case the Supplier shall be under obligation to bring about the insurance policies requested by Buyer at the Buyer's cost.

If goods are taken back, the Buyer shall bear the risk up to the receipt at the Supplier's premises.

**5. Reservation of title**

The delivery items (reserved goods) shall remain the Supplier's property until all the claims against the Buyer to which it is entitled from the business association are met. Prior to this pledging or ownership transfer by way of security are prohibited.

The Buyer may only sell the reserved goods, regardless of their condition, to resellers during the ordinary course of business subject to the proviso that it is not in arrears with payments due to the Supplier and that it assigns to the Supplier at this point in time claims, including all accessory rights, to which it is entitled from such a sale. The assignment of such claims is restricted to the amount of all the claims to which the Supplier is entitled resulting from the business association. The Buyer is also entitled to collect these claims following such an assignment. This shall not affect the Supplier's authority to collect such claims. On request the Buyer is to disclose to the Supplier the amounts and debtors in relation to the assigned claims, to make available to the Supplier without delay all documents required for collection, and to inform the debtor in writing of the assignment.

Treating and finishing the reserved goods shall be carried on behalf of the Supplier without the Supplier being under obligation. If the goods are combined or blended with other items, the Buyer shall assign to the Supplier at this point in time its property or co-ownership rights to the new items. It shall store these with commercial diligence on behalf of the Supplier. In the event of a sale of the new items, the Buyer hereby assigns to the Supplier its claims and accessory rights resulting from such a sale for safety's sake. If the Buyer finishes the goods with other goods that are not the Supplier's property, the Supplier shall be entitled to part-ownership of the new item in proportion of the value of the reserved goods.

In the case of conduct on the part of the Buyer in breach of contract, in particular in the case of default in payment, the Supplier shall be entitled to take back the reserved goods. At the Supplier's request the Buyer shall be under obligation to surrender without delay. Taking goods back and the seizure of the reserved goods by the Supplier do not constitute any kind of declaration of withdrawal.

The Buyer is to undertake all the necessary measures at its own cost to avoid a detrimental effect on or the loss of the rights to the delivered goods to which the Supplier is entitled. The Buyer is to ward off or inform the Supplier without delay of cases of seizure or other intervention by third parties. The Buyer shall be responsible for possible disadvantages it suffers as a result of it not observing this obligation.

**6. Prices**

The prices are stated in euros. They are ex works prices and exclude packaging and are to be construed plus the respective valid statutory value added tax.

In the case of goods purchased in a single order in excess of € 1,000.00 we shall deliver free of charge, carriage paid, to the receiving station excluding packaging. In the case of such an order in excess of € 2,500.00 we shall deliver free of charge, carriage-paid, to the receiving station including packaging.

**7. Terms and conditions of payment**

Payments are to be effected within 30 days from the date of invoice without any deduction ex paying agent of the Supplier. A trade discount of 2% shall be granted in the case

of payment within 10 days following the date of invoice. Payment arrears or payment by bill of exchange rule out the deduction of a trade discount. Cheques shall only be accepted subject to the customary reservations, while bills of exchange shall only be accepted following a special agreement and if they comply with the acquisition conditions of the European Central Bank (ECB). Discount charges, fees and tax on notes and bills of exchange shall be borne by the Buyer. These are to be paid upon issuing the bill of exchange to the Supplier. In the case of all kinds of payment the day of performance shall be deemed the day on which the Supplier can dispose of the amount.

In the event that the term of payment is exceeded, or the delivery is delayed, at the Buyer's request by more than 30 days once the goods are ready for dispatch, the Supplier shall be entitled, without the necessity of issuing a special warning, to charge interest on arrears of 3% p.a. above the respective main refinancing rate of the ECB as from the due date, at least, however, amounting in each case to the interest rates charged by major Rhine-Westphalian banks for unsecured credits. The Supplier reserves the right to assert a claim on the grounds of greater damage. In other respects in the case of default in payment the Supplier shall be entitled to demand the surrender of the goods and claim for damages as a result of non-performance.

The Buyer may only set off undisputed or res judicata claims against the Supplier's claims.

**8. Liability for defects**

The Supplier guarantees that the sold goods do not contain defects at the time of the passing of risk. Insofar as parts proven to have been procured from the Supplier contained defects prior to the passing of risk, the Supplier shall be liable to the Buyer as follows:

1. The Buyer shall only be entitled to the warranty rights below if it has met in a proper manner the requirement to give notice of defects incumbent upon the Buyer by way of written notification of the identified defects, and it has returned to the Supplier the goods for which a complaint has been lodged.

2. All the parts or services whose usefulness is considerably impaired within 12 months, without consideration given to the operating period, calculated from the day on which the risk passes, as a result of an incident prior to the passing of risk, are to be subsequently improved at the Supplier's discretion free of charge, or new ones are to be supplied or new services are to be rendered.

3. If the Buyer provides notification of defects in relation to the delivered goods or service, this shall only constitute a right to retain payment if the existence of a defect is res judicata or is not disputed by the Supplier. In this respect the retained payment must be commensurate with the respective faults.

4. The Buyer is to use its reasonable discretion to grant the Supplier appropriate time and opportunity to rectify defects. If it refuses to do this the Supplier shall be released from the liability for defects.

5. If the Supplier allows a reasonable extension granted to the Supplier to lapse without rectifying the defect, or if the subsequent improvement is impossible or the Supplier refuses this, the Buyer may assert a right to reduce the purchase price. The Buyer may also demand conversion if an agreement in respect of abatement is not reached between the Buyer and Supplier.

6. The Buyer's right to assert claims resulting from defects shall in any case fall under the statute of limitations in 6 months from the time of notification of defects. However, this shall not be before the warranty has elapsed. If no agreement is reached within this period, the Supplier and Buyer may agree upon an extension of this period of limitation.

7. The liability for defects does not apply to natural wear-and-tear and furthermore not to damage that occurs following the passing of risk as a result of faulty or negligent treatment, excessive or improper use, unsuitable operating resources, faulty construction work and similar external influences that were not presupposed as per agreement, and non reproducible software faults. If the Supplier is rendered liable for damage as a joint debtor by a third party for one of these reasons, the Buyer irrevocably assumes the liability at this point in time by way of internal arrangements.

If the Buyer or third parties carry out impro-

per alterations or repair work, no warranty shall apply to these and the consequences resulting from them.

8. The warranty period for subsequent improvements and replacement deliveries is 3 months. It shall apply at least until expiry of the warranty period for the goods for which a complaint has been lodged.

9. Further-reaching claims on the part of the Buyer against the Supplier and its vicarious agents are excluded, in particular claims for compensation of damage not caused to the delivery item. This does not apply insofar as mandatory liability applies in accordance with the Product Liability Act, with the restriction in accordance with sub-section 7, or in cases of intent, gross negligence or the lack of warranted characteristics

10. All kinds of liability are excluded in the case of defects in software products. It is expressly stated that no warranty is provided for functions, suitability, usefulness, non-violation or other expected characteristics. Accordingly liability for any kind of damage or consequential damage caused by the software in respect of the user or third parties is excluded. If mandatory legal norms do not allow for this comprehensive exemption from liability for software in certain cases, it shall nevertheless remain in place for all other cases.

**9. Industrial property rights, copyrights**

1. Insofar as a third party lodges justified claims against the Buyer as a result of violation of an industrial property right /copyright (hereinafter Copyrights) by way of products delivered by the Supplier and used as per agreement, the Supplier shall be liable to the Buyer as follows:

a) The Supplier shall, at its own discretion, bring about a utilisation right for the product, alter the product or replace it or if this is not possible under reasonable conditions take back the product subject to reimbursement of the purchase price. Further-reaching claims against the Supplier are excluded. b) The aforementioned obligation of the Supplier shall only apply if the Buyer informs the Supplier without delay of the claims lodged by third parties; does not recognise a violation of industrial property rights, and the Supplier is reserved the right to conduct all defensive measures and hold composition negotiations.

2. Claims by the Buyer shall be excluded insofar as it is responsible for the violation of an industrial property right or if such a violation is caused by the Buyer's special parameters or unforeseeable application or alteration or blending with other products.

**10. Impossibility, contractual adjustment**

1. If it becomes impossible for the Supplier to honour the delivery incumbent upon the Supplier for reasons, which are its responsibility, the Buyer shall be entitled to request as compensation up to 10% of the value of the products that have not been delivered.

2. Insofar as events outside the Supplier's sphere of influence considerably change the economic significance or the content of the delivery, of have an effect on the Supplier's operations, the Supplier shall be entitled to withdraw from the contract or to adjust the contact in agreement with the Buyer.

**11. Other claims for damages**

The following claims for damages lodged by the Buyer are excluded: claims on the grounds of a positive breach of contract, violation of obligations in the case of contractual negotiations and on the basis of unlawful acts. This does not apply insofar as mandatory liability applies by law, in particular in the case of intent, gross negligence and the lack of warranted characteristics.

**12. Place of jurisdiction**

Hagen i.W. is deemed the place of general jurisdiction for all disputes resulting directly or indirectly from the contractual relationship. German law applies to the contractual relations. The Hague Convention of 01.07.1964 and the UN Sales Convention of 11.04.1980 shall not be applied.

**13. Binding force of contract**

Even in the case of the legal invalidity of individual items, the binding force of the contract shall further apply to the other items of the contract.

**PRODUCT SUMMARY**



ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
1001 01	547	1011 21 16	* 509	1012 20 89	* 564	1013 20 04	* 564
1001 09	547	1011 21 35	* 510	1012 21 04	* 509	1013 20 09	* 565
1001 20 04	* 527	1011 21 45	* 508	1012 21 09	* 509	1013 20 14	* 564
1001 20 14	* 527	1011 21 74	* 508	1012 21 14	* 509	1013 20 16	* 565
1001 20 45	* 527	1011 21 79	* 510	1012 21 16	* 509	1013 20 45	* 564
1001 20 55	* 527	1011 21 84	* 508	1012 21 25	* 510	1013 20 74	* 564
1001 20 74	* 527	1011 21 89	* 508	1012 21 35	* 510	1013 20 84	* 564
1001 20 83	* 527	1011 22	# 315	1012 21 45	* 508	1013 20 89	* 564
1001 20 84	* 527	1011 22 04	* 517	1012 21 69	* 510	1013 21 04	* 509
1001 20 89	* 527	1011 22 09	* 517	1012 21 74	* 508	1013 21 09	* 509
1002 00 02	737	1011 22 14	* 517	1012 21 79	* 510	1013 21 14	* 509
1002 00 69	737	1011 22 16	* 517	1012 21 84	* 508	1013 21 16	* 509
1002 90 04	737	1011 22 35	* 518	1012 21 89	* 508	1013 21 25	* 510
1002 90 11	737	1011 22 45	* 516	1012 22	# 315	1013 21 35	* 510
1004 90 04	174	1011 22 74	* 516	1012 22 04	* 517	1013 21 45	* 508
1004 90 11	174	1011 22 79	* 518	1012 22 09	* 517	1013 21 69	* 510
1005 00 01	174	1011 22 84	* 516	1012 22 14	* 517	1013 21 74	* 508
1005 00 02	174	1011 22 89	* 516	1012 22 16	* 517	1013 21 79	* 510
1005 00 69	174	1011 29	# 315	1012 22 25	* 518	1013 21 84	* 508
1005 70 03	* 174	1011 30 01	* 255	1012 22 35	* 518	1013 21 89	* 508
1005 70 04	174	1011 30 04	254	1012 22 45	* 516	1013 22	# 315
1005 70 06	174	1011 30 05	* 254	1012 22 69	* 518	1013 22 04	* 517
1005 70 09	174	1011 30 12	* 255	1012 22 74	* 516	1013 22 09	* 517
1007 14 04	737	1011 30 16	* 256	1012 22 79	* 518	1013 22 14	* 517
1007 16 06	737	1011 30 21	* 255	1012 22 84	* 516	1013 22 16	* 517
1007 19 09	737	1011 30 22	* 255	1012 22 89	* 516	1013 22 25	* 518
1007 99 09	737	1011 30 25	* 254	1012 29	# 315	1013 22 35	* 518
1009 02	# 305	1011 30 46	* 256	1012 30 01	* 255	1013 22 45	* 516
1009 14 04	229	1011 36 06	* 265	1012 30 04	254	1013 22 69	* 518
1009 14 14	230	1011 36 09	* 265	1012 30 05	* 254	1013 22 74	* 516
1009 16 06	229	1011 39 04	254	1012 30 12	* 255	1013 22 79	* 518
1009 16 16	230	1011 45	# 314	1012 30 16	* 256	1013 22 84	* 516
1009 19	# 305	1011 60 16	* 367	1012 30 21	* 255	1013 22 89	* 516
1009 19 09	229	1011 60 19	367	1012 30 22	* 255	1013 29	# 315
1009 19 19	230	1011 60 62	366	1012 30 25	* 254	1013 30 01	* 255
1009 20	540	1011 60 86	* 366	1012 30 46	* 256	1013 30 04	254
1009 20 35	* 540	1011 60 89	366	1012 36 06	* 265	1013 30 05	* 254
1009 20 45	* 502	1011 60 96	* 374	1012 36 09	* 265	1013 30 12	* 255
1009 20 79	* 540	1011 60 99	* 374	1012 39 04	254	1013 30 16	* 256
1009 20 89	* 502	1011 62	# 314	1012 60 16	* 367	1013 30 21	* 255
1009 21	540	1011 64 14	266	1012 60 19	367	1013 30 22	* 255
1009 60 76	* 352	1011 64 24	* 264	1012 60 62	366	1013 30 25	* 254
1009 60 79	352	1011 66 16	265	1012 60 86	* 366	1013 30 46	* 256
1009 60 86	* 352	1011 66 26	* 264	1012 60 89	366	1013 36 06	* 265
1009 60 89	352	1011 69 04	* 264	1012 60 96	* 374	1013 36 09	* 265
1009 89 12	230	1011 69 09	265	1012 60 99	* 374	1013 39 04	254
1009 89 19	230	1011 69 14	* 264	1012 62	# 314	1013 60 16	* 367
1009 89 82	229	1011 69 19	* 264	1012 64 14	266	1013 60 19	367
1009 89 89	229	1011 72	# 315	1012 64 24	* 264	1013 60 62	366
1010 00	468	1011 89 12	247	1012 66 16	265	1013 60 86	* 366
1010 70 00	351	1011 89 19	247	1012 66 26	* 264	1013 60 89	366
1010 71 00	351	1011 89 62	247	1012 69 04	* 264	1013 60 96	* 374
1010 72 00	351	1011 89 82	246	1012 69 09	265	1013 60 99	* 374
1010 76 00	* 501	1011 89 89	246	1012 69 14	* 264	1013 62	# 314
1010 77 00	* 502	1011 99 09	246	1012 69 19	* 264	1013 64 14	266
1011 02	# 314	1011 99 19	247	1012 72	# 315	1013 64 24	* 264
1011 09	# 314	1011 99 39	* 246	1012 89 12	247	1013 66 16	265
1011 20 04	* 564	1011 99 49	* 246	1012 89 19	247	1013 66 26	* 264
1011 20 09	* 565	1011 99 59	* 248	1012 89 62	247	1013 69 04	* 264
1011 20 14	* 564	1011 99 69	* 247	1012 89 82	246	1013 69 09	265
1011 20 16	* 565	1012 02	# 314	1012 89 89	246	1013 69 14	* 264
1011 20 45	* 564	1012 09	# 314	1012 99 09	246	1013 69 19	* 264
1011 20 74	* 564	1012 20 04	* 564	1012 99 19	247	1013 89 12	247
1011 20 84	* 564	1012 20 09	* 565	1012 99 39	* 246	1013 89 19	247
1011 20 89	* 564	1012 20 14	* 564	1012 99 49	* 246	1013 89 62	247
1011 21 04	* 509	1012 20 16	* 565	1012 99 59	* 248	1013 89 82	246
1011 21 09	* 509	1012 20 45	* 564	1012 99 69	* 247	1013 89 89	246
1011 21 14	* 509	1012 20 74	* 564	1013 02	# 314	1013 99 09	246
		1012 20 84	* 564	1013 09	# 314	1013 99 19	247

ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
1013 99 39	* 246	1015 22 16	* 517	1023 36 06	* 265	1041 70 03	* 426
1013 99 49	* 246	1015 22 45	* 516	1023 36 09	* 265	1041 70 04	426
1013 99 59	* 248	1015 22 74	* 516	1023 60 16	* 367	1041 70 06	426
1013 99 69	* 247	1015 22 84	* 516	1023 60 19	367	1041 70 09	426
1014 02	# 314	1015 22 89	* 516	1023 60 99	374	1041 89 35	* 518
1014 09	# 314	1015 30 01	* 255	1023 89 12	247	1041 89 82	249
1014 21 04	* 509	1015 30 04	254	1023 89 19	247	1041 89 89	249
1014 21 09	* 509	1015 30 05	* 254	1023 99 19	247	1041 99 09	249
1014 21 14	* 509	1015 30 12	* 255	1023 99 59	* 248	1041 99 39	* 249
1014 21 16	* 509	1015 30 16	* 256	1023 99 69	* 247	1041 99 49	* 249
1014 21 45	* 508	1015 30 21	* 255	1024 36 06	* 265	1042 16 06	258
1014 21 74	* 508	1015 30 22	* 255	1024 36 09	* 265	1042 19 09	258
1014 21 84	* 508	1015 30 25	* 254	1024 60 16	* 367	1042 70 03	* 426
1014 21 89	* 508	1015 30 46	* 256	1024 60 19	367	1042 70 04	426
1014 22 04	* 517	1015 36 06	* 265	1025 36 06	* 265	1042 70 06	426
1014 22 09	* 517	1015 36 09	* 265	1025 36 09	* 265	1042 70 09	426
1014 22 14	* 517	1015 39 04	254	1025 60 16	* 367	1042 89 35	* 518
1014 22 16	* 517	1015 60 16	* 367	1025 60 19	367	1042 89 82	249
1014 22 45	* 516	1015 60 19	367	1029 00 01	480	1042 89 89	249
1014 22 74	* 516	1015 60 62	366	1029 00 02	315	1042 99 09	249
1014 22 84	* 516	1015 60 86	* 366	1029 00 62	315	1042 99 39	* 249
1014 22 89	* 516	1015 60 89	366	1029 00 65	315	1042 99 49	* 249
1014 30 01	* 255	1015 60 96	* 374	1029 00 69	315	1043 16 06	258
1014 30 04	254	1015 60 99	* 374	1029 60 86	* 368	1043 19 09	258
1014 30 05	* 254	1015 62	# 314	1029 90 04	480	1043 70 03	* 426
1014 30 12	* 255	1015 64 14	266	1029 90 11	480	1043 70 04	426
1014 30 16	* 256	1015 64 24	* 264	1030 00 01	480	1043 70 06	426
1014 30 21	* 255	1015 66 16	265	1030 00 02	315	1043 70 09	426
1014 30 22	* 255	1015 66 26	* 264	1030 00 62	315	1043 89 35	* 518
1014 30 25	* 254	1015 69 04	* 264	1030 00 69	315	1043 89 82	249
1014 30 46	* 256	1015 69 09	265	1030 60 86	* 368	1043 89 89	249
1014 36 06	* 265	1015 69 14	* 264	1030 90 04	480	1043 99 09	249
1014 36 09	* 265	1015 69 19	* 264	1030 90 11	480	1043 99 39	* 249
1014 39 04	254	1015 89 62	247	1031 00 01	480	1043 99 49	* 249
1014 60 16	* 367	1015 89 82	246	1031 00 02	315	1044 00 01	468
1014 60 19	367	1015 89 89	246	1031 00 62	315	1044 00 02	468
1014 60 62	366	1015 99 09	246	1031 00 69	315	1044 00 04	468
1014 60 86	* 366	1015 99 39	* 246	1031 60 86	* 368	1045 00 01	468
1014 60 89	366	1015 99 49	* 246	1031 90 04	480	1045 00 02	468
1014 60 96	* 374	1019 02	# 174	1031 90 11	480	1045 00 69	468
1014 60 99	* 374	1019 09	# 174	1033 02	# 165	1045 01 01	468
1014 62	# 314	1019 14 04	174	1033 09	# 165	1045 01 02	468
1014 64 14	266	1019 16 06	174	1033 14 04	165	1045 01 69	468
1014 64 24	* 264	1019 19 09	174	1033 16 06	165	1045 70 03	* 414
1014 66 16	265	1019 20 45	* 174	1033 19 09	165	1045 70 04	414
1014 66 26	* 264	1019 20 89	* 174	1033 60 86	* 166	1045 70 06	414
1014 69 04	* 264	1019 60 86	* 174	1033 60 89	166	1045 70 09	414
1014 69 09	265	1019 60 89	174	1033 89 12	165	1045 71 06	415
1014 69 14	* 264	1019 89 82	174	1033 89 19	165	1045 71 09	415
1014 69 19	* 264	1019 89 89	174	1034 00 01	166	1051 60 99	374
1014 89 62	247	102 09	105	1034 00 02	166	1052 50	715
1014 89 82	246	1021 12	306	1034 00 04	166	1052 60 99	374
1014 89 89	246	1021 22	306	1035 01 01	166	1052 70 03	* 426
1014 99 09	246	1021 32	306	1035 01 02	166	1052 70 04	426
1014 99 39	* 246	1022	# 306	1035 01 69	166	1052 70 06	426
1014 99 49	* 246	1022 09	# 306	1035 70 03	* 166	1052 70 09	426
1015 02	# 314	1022 36 06	* 265	1035 70 04	166	1053 40	715
1015 09	# 314	1022 36 09	* 265	1035 70 06	166	1053 60 99	374
1015 21 04	* 509	1022 50	666	1035 70 09	166	1053 70 03	* 426
1015 21 09	* 509	1022 51	666	1037	541	1053 70 04	426
1015 21 14	* 509	1022 59	666	1037 01	541	1053 70 06	426
1015 21 16	* 509	1022 60 16	* 367	1038 20 45	* 166	1053 70 09	426
1015 21 45	* 508	1022 60 19	367	1038 20 89	* 166	1054 40	716
1015 21 74	* 508	1022 60 99	374	1039 20	535	1055	716
1015 21 84	* 508	1022 89 12	247	1039 21	535	1056 00	468
1015 21 89	* 508	1022 89 19	247	1040	530	1057 00	468
1015 22 04	* 517	1022 99 19	247	1040 01	530	1058 00	468
1015 22 09	* 517	1022 99 59	* 248	1041 16 06	258	1061	724
1015 22 14	* 517	1022 99 69	* 247	1041 19 09	258	1064 20	537

**PRODUCT SUMMARY**



ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
1064 21	537	1082 09 #	116	1096 09 #	148	1134 00 01	49
1070 01 01	464	1082 19 09	116	1096 14 04	148	1134 00 02	49
1070 01 02	464	1082 60 86 *	116	1096 16 06	148	1134 00 04	49
1070 01 04	464	1082 60 89	116	1096 19 09	148	1134 00 21	150
1071 01 01	464	1082 89 82	116	1096 20 45 *	149	1134 00 22	150
1071 01 02	464	1082 89 89	116	1096 20 89 *	149	1134 00 24	150
1071 01 04	464	1083 02 #	117	1096 60 86 *	148	1135 00 01	49
1076 09	100	1083 09 #	117	1096 60 89	148	1135 00 02	49
1077 00 01	115	1083 19 09	117	1096 89 82	148	1135 00 21	150
1077 00 02	115	1083 60 86 *	117	1096 89 89	148	1135 00 22	150
1077 00 69	115	1083 60 89	117	1102	552	1135 00 69	49
1077 01 01	115	1083 89 82	117	1108 00 01	470	1135 00 89	150
1077 01 02	115	1083 89 89	117	1108 00 02	470	1135 70 03 *	48
1077 01 04	115	1084 02 #	148	1108 00 69	470	1135 70 04	48
1077 71 03 *	115	1084 09 #	148	1108 01 01	469	1135 70 06	48
1077 71 04	115	1084 14 04	148	1108 01 02	469	1135 70 09	48
1077 71 06	115	1084 16 06	148	1108 01 69	469	1135 72 03 *	150
1077 71 09	115	1084 19 09	148	1108 70 03 *	415	1135 72 04	150
1079 00 01	116	1084 20 45 *	149	1108 70 04	415	1135 72 06	150
1079 00 02	116	1084 20 89 *	149	1108 70 06	415	1135 72 09	150
1079 00 69	116	1084 60 86 *	148	1108 70 09	415	1137 02 #	48
1079 01 01	117	1084 60 89	148	1108 71 03 *	415	1137 09 #	48
1079 01 02	117	1084 89 82	148	1108 71 04	415	1137 14 04	48
1079 01 69	117	1084 89 89	148	1108 71 06	415	1137 14 24	150
1079 02 01	117	1087 00 01	149	1108 71 09	415	1137 16 06	48
1079 02 02	117	1087 00 02	149	1108 90 04	470	1137 16 26	150
1079 02 69	117	1087 00 69	149	1108 90 11	470	1137 19 09	48
1079 03 01	116	1087 01 01	149	1108 91 04	469	1137 19 29	150
1079 03 02	116	1087 01 02	149	1108 91 11	469	1137 20 35 *	150
1079 03 04	116	1087 01 04	149	1109 02 #	305	1137 20 45 *	49
1079 04 01	117	1087 71 03 *	149	1109 09 #	305	1137 20 79 *	150
1079 04 02	117	1087 71 04	149	1109 14 04	230	1137 20 89 *	49
1079 04 04	117	1087 71 06	149	1109 14 14	230	1137 22 #	150
1079 05 01	117	1087 71 09	149	1109 16 06	230	1137 29 #	150
1079 05 02	117	1088 00 01	149	1109 16 16	230	1137 60 76 *	150
1079 05 04	117	1088 00 02	149	1109 19 09	230	1137 60 79	150
1079 71 03 *	116	1088 00 69	149	1109 19 19	230	1137 60 86 *	48
1079 71 04	116	1088 01 01	149	1109 60 76 *	352	1137 60 89	48
1079 71 06	116	1088 01 02	149	1109 60 79	352	1137 89 22	150
1079 71 09	116	1088 01 04	149	1109 60 86 *	352	1137 89 29	150
1079 72 03 *	117	1088 71 03 *	149	1109 60 89	352	1137 89 82	48
1079 72 04	117	1088 71 04	149	1109 89 82	230	1137 89 89	48
1079 72 06	117	1088 71 06	149	1109 89 89	230	1140 00 01	469
1079 72 09	117	1088 71 09	149	1109 90 82	230	1140 00 02	469
1079 73 03 *	117	1090	525	1109 90 89	230	1140 00 69	469
1079 73 04	117	1090 20 #	526	1111 00	691	1140 90 04	469
1079 73 06	117	1090 21 #	526	1111 01	692	1140 90 11	469
1079 73 09	117	1090 22 #	526	1111 02	692	1141 00 01	469
1080 02 #	114	1091	552	1111 03	692	1141 00 02	469
1080 09 #	114	1091 10 #	558	1111 05	692	1141 00 69	469
1080 14 04	114	1091 11 #	558	1111 16	692	1141 90 04	469
1080 16 06	114	1091 12 #	558	1112 18	693	1141 90 11	469
1080 19 09	114	1092 00	552	1112 21	693	1143 02 #	305
1080 20 45 *	115	1092 20 #	558	1124 14 04	68	1143 09 #	305
1080 20 89 *	115	1092 21 #	558	1124 16 06	68	1146 02 #	34
1080 60 86 *	114	1092 22 #	558	1124 19 09	68	1146 09 #	34
1080 60 89	114	1093 00	552	1124 20 45 *	68	1146 14 04	34
1080 89 82	114	1093 20 #	558	1124 20 89 *	68	1146 16 06	34
1080 89 89	114	1093 21 #	558	1124 60 86 *	68	1146 19 09	34
1081 02 #	116	1093 22 #	558	1124 60 89	68	1146 20 45 *	34
1081 09 #	116	1094	526	1124 89 82	68	1146 20 89 *	34
1081 14 04	116	1094 10 #	526	1124 89 89	68	1146 60 86 *	34
1081 16 06	116	1094 11 #	526	1130 02 #	49	1146 60 89	34
1081 19 09	116	1094 12 #	526	1130 09 #	49	1146 89 82	34
1081 60 86 *	116	1095	525	1130 89 82	49	1146 89 89	34
1081 60 89	116	1095 10 #	526	1130 89 89	49	1147 00 01	34
1081 89 82	116	1095 11 #	526	1130 99 09	49	1147 00 02	34
1081 89 89	116	1095 12 #	526	1130 99 39 *	212	1147 00 69	34
1082 02 #	116	1096 02 #	148	1130 99 49 *	212	1147 70 06	34

ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
1147 70 09	34	1181 20 89	* 170	1204 00 12	473	1232	76
1147 90 04	34	1181 60 86	* 169	1204 00 69	473	1233 00 02	477
1147 90 11	34	1181 60 89	169	1204 49	# 308	1233 00 69	477
1149 02	# 34	1181 89 82	169	1204 60 89	357	1233 49	# 312
1149 09	# 34	1181 89 89	169	1204 70 09	420	1233 60 89	361
1154 00 01	470	1182 00 01	170	1204 89 82	235	1233 70 09	423
1154 00 02	470	1182 00 02	170	1204 89 89	235	1233 89 82	239
1154 00 69	470	1182 00 69	170	1204 90 04	473	1233 89 89	239
1154 10 01	470	1182 70 03	* 169	1204 99 09	235	1233 90 04	477
1154 10 02	470	1182 70 04	169	1216 00 02	475	1233 99 09	239
1154 10 04	470	1182 70 06	169	1216 00 69	475	1234 02	# 68
1154 71 03	* 416	1182 70 09	169	1216 49	# 310	1234 09	# 68
1154 71 04	416	1182 90 04	170	1216 60 89	359	1235 02	# 69
1154 71 06	416	1182 90 11	170	1216 70 09	421	1235 09	# 69
1154 71 09	416	1184 00 01	179	1216 89 82	237	1236 00 02	477
1155 00 01	470	1184 00 02	179	1216 89 89	237	1236 00 69	477
1155 00 02	470	1184 00 04	179	1216 90 04	475	1236 49	# 311
1155 00 69	470	1184 70 03	* 179	1216 99 09	237	1236 60 89	360
1155 01 01	471	1184 70 04	179	1217 00 02	474	1236 70 09	423
1155 01 02	471	1184 70 06	179	1217 00 69	474	1236 89 82	239
1155 01 69	471	1184 70 09	179	1217 49	# 309	1236 89 89	239
1155 10 01	470	1185 00 01	180	1217 60 89	358	1236 90 04	477
1155 10 02	470	1185 00 02	180	1217 70 09	421	1236 99 09	239
1155 10 04	470	1185 00 69	180	1217 89 82	236	1238 00 02	473
1155 91 04	471	1196 02	# 179	1217 89 89	236	1238 00 69	473
1155 91 11	471	1196 09	# 179	1217 90 04	474	1238 90 04	473
1165 00 01	69	1196 14 04	179	1217 99 09	236	1241	706
1165 00 02	69	1196 16 06	179	1218 00 02	475	124 10	751
1165 00 69	69	1196 19 09	179	1218 00 69	475	1241 01	706
1165 01 01	68	1196 20 35	* 538	1218 49	# 309	1241 02	706
1165 01 02	68	1196 20 45	* 179	1218 60 89	358	1241 03	706
1165 01 04	68	1196 20 79	* 538	1218 71 09	421	1242 00 02	474
1165 70 03	* 68	1196 20 89	* 179	1218 89 82	236	1242 00 69	474
1165 70 04	68	1196 60 86	* 179	1218 89 89	236	1242 90 04	474
1165 70 06	68	1196 60 89	179	1218 90 04	475	1244 00 02	474
1165 70 09	68	1196 89 82	179	1218 99 09	236	1244 00 69	474
1167 00 01	70	1196 89 89	179	1219 00 02	475	1244 49	# 309
1167 00 02	70	1198 02	# 69	1219 00 69	475	1244 60 89	358
1167 00 69	70	1198 09	# 69	1219 49	# 310	1244 71 09	420
1167 70 03	* 69	1198 14 04	69	1219 60 89	359	1244 89 82	236
1167 70 04	69	1198 16 06	69	1219 70 09	421	1244 89 89	236
1167 70 06	69	1198 19 09	69	1219 89 82	237	1244 90 04	474
1167 70 09	69	1198 20 45	* 70	1219 89 89	237	1244 99 09	236
1167 90 04	70	1198 20 89	* 70	1219 90 04	475	1247 00 04	75
1167 90 11	70	1198 60 86	* 69	1219 99 09	237	1248 19 00	70
1170 02	# 167	1198 60 89	69	1220	76	1248 60 86	* 70
1170 09	# 167	1198 89 82	69	1221	540	1248 60 89	70
1170 14 04	167	1198 89 89	69	1222	540	1248 70 03	* 70
1170 16 06	167	1200 02	# 158	1223 00 02	476	1248 70 04	70
1170 19 09	167	1200 09	# 158	1223 00 69	476	1248 70 06	70
1170 20 45	* 167	1201 01 11	158	1223 49	# 310	1248 70 09	70
1170 20 89	* 167	1201 01 12	158	1223 60 89	359	1249 00 02	476
1170 60 86	* 167	1201 01 79	158	1223 71 09	422	1249 00 69	476
1170 60 89	167	1201 70 13	* 158	1223 89 82	238	1249 49	# 311
1170 70 03	* 167	1201 70 14	158	1223 89 89	238	1249 60 89	360
1170 70 04	167	1201 70 16	158	1223 90 04	476	1249 70 09	422
1170 70 06	167	1201 70 19	158	1223 99 09	238	1249 89 82	238
1170 70 09	167	1202 00 02	158	1224 00 02	474	1249 89 89	238
1177 00 01	462	1202 00 04	158	1224 00 69	474	1249 90 04	476
1177 00 02	462	1202 00 21	158	1224 90 04	474	1249 99 09	238
1177 00 69	462	1203 14 04	158	1225	540	125	753
1177 90 04	462	1203 16 06	158	1225 01	540	1251 00 02	475
1177 90 11	462	1203 19 09	158	1226	540	1251 00 69	475
1181 02	# 169	1203 20 45	* 158	1227	540	1251 49	# 310
1181 09	# 169	1203 20 89	* 158	1229	540	1251 60 89	359
1181 14 04	169	1203 60 86	* 158	1229 02	540	1251 70 09	422
1181 16 06	169	1203 60 89	158	123	109	1251 89 82	237
1181 19 09	169	1203 89 82	158	1230	76	1251 89 89	237
1181 20 45	* 170	1203 89 89	158	1231	76	1251 90 04	475

**PRODUCT SUMMARY**



ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
1251 99 09	237	1298 00 69	473	1309 60 96	* 375	1343 00 02	478
1252 00 02	476	1298 49	# 309	1309 60 99	* 374	1343 00 69	479
1252 00 69	476	1298 60 89	357	1309 64 14	268	1343 70 03	* 424
1252 49	# 310	1298 70 09	420	1309 64 24	* 266	1343 70 04	425
1252 60 89	359	1298 89 82	235	1309 66 16	268	1343 70 06	424
1252 70 09	422	1298 89 89	235	1309 66 26	* 266	1343 70 09	424
1252 89 82	237	1298 90 04	473	1309 69 04	* 267	1344 00 01	479
1252 89 89	237	1298 99 09	235	1309 69 09	268	1344 00 02	480
1252 90 04	476	1299 00 02	477	1309 69 14	* 267	1344 00 04	479
1252 99 09	237	1299 00 69	477	1309 69 19	* 266	1345 00 01	71
1253 00 02	477	1299 49	# 311	1309 70 03	* 425	1345 00 02	71
1253 00 69	477	1299 60 89	360	1309 70 04	425	1345 00 69	71
1253 49	# 311	1299 71 09	423	1309 70 06	425	1345 02	# 71
1253 60 89	360	1299 89 82	239	1309 70 09	425	1345 09	# 71
1253 70 09	422	1299 89 89	239	1309 89 82	248	1345 14 04	71
1253 89 82	238	1299 90 04	477	1309 89 89	248	1345 16 06	71
1253 89 89	238	1299 99 09	239	1309 99 09	248	1345 19 09	71
1253 90 04	477	1300 00 02	478	1309 99 39	* 249	1345 60 86	* 71
1253 99 09	238	1300 00 69	478	1309 99 49	* 248	1345 60 89	71
126	590	1300 49	# 312	1311	588	1345 70 03	* 71
127	757	1300 60 89	361	1313 00 01	479	1345 70 04	71
1279	76	1300 71 09	423	1313 00 02	478	1345 70 06	71
1279 02	76	1300 89 82	239	1313 00 07	483	1345 70 09	71
1279 03	76	1300 89 89	239	1313 00 62	480	1345 89 82	71
128	755	1300 90 14	478	1313 00 69	479	1345 89 89	71
1280	75	1300 99 09	239	1313 70 03	* 424	1345 90 04	71
1281	75	1301 00 02	478	1313 70 04	425	1345 90 11	71
1282	75	1301 00 69	478	1313 70 06	424	1353 00 01	479
1283	75	1301 49	# 312	1313 70 09	424	1353 00 02	478
1288 02	# 313	1301 60 89	361	1314 00 01	479	1353 00 69	479
1288 09	# 313	1301 71 09	423	1314 00 02	480	1353 70 03	* 424
1288 12	# 313	1301 89 82	240	1314 00 04	479	1353 70 04	425
1288 19	# 313	1301 89 89	240	1321	588	1353 70 06	424
1288 19 09	241	1301 90 04	478	1323 00 01	479	1353 70 09	424
1288 19 19	241	1301 99 09	240	1323 00 02	478	1354 00 01	479
1288 19 29	240	1302 00 02	478	1323 00 07	483	1354 00 02	480
1288 19 39	240	1302 00 69	478	1323 00 62	480	1354 00 04	479
1288 19 49	240	1302 90 04	478	1323 00 69	479	1363 00 01	479
1288 19 59	241	1305 00 02	473	1323 70 03	* 424	1363 00 02	478
1288 19 69	241	1305 00 69	473	1323 70 04	425	1363 00 07	483
1288 22	# 312	1305 49	# 309	1323 70 06	424	1363 00 62	480
1288 29	# 312	1305 60 89	358	1323 70 09	424	1363 00 69	479
1288 32	# 312	1305 70 09	420	1324 00 01	479	1363 70 03	* 424
1288 39	# 312	1305 89 82	236	1324 00 02	480	1363 70 04	425
1288 42	# 313	1305 89 89	236	1324 00 04	479	1363 70 06	424
1288 49	# 313	1305 90 04	473	1328	665	1363 70 09	424
1288 52	# 313	1305 99 19	236	1328 01	665	1364 00 01	479
1288 59	# 313	1308 00 02	476	1328 09	665	1364 00 02	480
1288 62	# 314	1308 00 69	476	1329	665	1364 00 04	479
1288 69	# 314	1308 59	# 311	1329 01	665	1366	588
1288 89 12	241	1308 60 89	360	1329 09	665	1373 00 01	479
1288 89 19	241	1308 89 82	238	1330	665	1373 00 02	478
1288 89 22	240	1308 89 89	238	1330 01	665	1373 00 07	483
1288 89 29	240	1308 90 04	476	1330 09	665	1373 00 69	479
1288 89 32	240	1308 99 09	238	1331 11	547	1373 70 03	* 424
1288 89 39	240	1309 30 01	* 257	1331 19	547	1373 70 04	425
1288 89 42	240	1309 30 04	256	1333 00 01	479	1373 70 06	424
1288 89 49	240	1309 30 05	* 257	1333 00 02	478	1373 70 09	424
1288 89 52	241	1309 30 12	* 258	1333 00 07	483	1374 00 01	479
1288 89 59	241	1309 30 16	* 258	1333 00 69	479	1374 00 02	480
1288 89 82	241	1309 30 21	* 257	1333 70 03	* 424	1374 00 04	479
1288 89 89	241	1309 30 22	* 257	1333 70 04	425	1381 01	546
1289	76	1309 30 25	* 257	1333 70 06	424	1381 09	546
1289 03	76	1309 30 46	* 258	1333 70 09	424	1381 21	546
129	752	1309 36 06	* 267	1334 00 01	479	1381 29	546
1290 99 05	681	1309 36 09	* 267	1334 00 02	480	1381 31	547
1295	147	1309 39 04	256	1334 00 04	479	1381 39	547
1297 00 00	146	1309 60 86	* 367	1341	588	1381 41	546
1298 00 02	473	1309 60 89	367	1343 00 01	479	1381 49	546



ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
1381 51	546	1407 70 04	161	1425 00 01	29	1435 72 06	113
1381 59	546	1407 70 06	161	1425 00 02	29	1435 72 09	113
1381 65	546	1407 70 09	161	1425 00 69	29	1436 00 01	24
1381 69	546	1407 89 82	161	1425 71 03	* 29	1436 00 02	24
1383 00 01	479	1407 89 89	161	1425 71 04	29	1436 00 04	24
1383 00 02	478	1408 00 01	161	1425 71 06	29	1436 10 04	443
1383 00 69	479	1408 00 02	161	1425 71 09	29	1437 00 01	32
1383 70 03	* 424	1408 00 04	161	1426 00 01	24	1437 00 02	32
1383 70 04	425	1409	533	1426 00 02	24	1437 00 69	32
1383 70 06	424	1409 00 01	164	1426 00 69	24	1437 70 03	* 32
1383 70 09	424	1409 00 02	164	1426 70 03	* 24	1437 70 04	32
1384 00 01	479	1409 00 69	164	1426 70 04	24	1437 70 06	32
1384 00 02	480	1409 01	533	1426 70 06	24	1437 70 09	32
1384 00 04	479	1409 14 04	163	1426 70 09	24	1439 02	# 159
1388	588	1409 16 06	163	1427 02	170	1439 09	# 159
1391	588	1409 19 09	163	1427 09	170	1439 14 04	# 225
1392	588	1409 20 45	* 164	1427 14 04	170	1439 16 06	# 159
1393 00 01	479	1409 20 89	* 164	1427 16 06	170	1439 19 09	# 159
1393 00 02	478	1409 60 86	* 164	1427 19 09	170	1 4399 05	104
1393 00 69	479	1409 60 89	164	1431 02	175	1 4399 09	104
1393 70 03	* 424	1409 70 03	* 164	1431 04	175	1461 02	171
1393 70 04	425	1409 70 04	164	1431 09	175	1461 09	171
1393 70 06	424	1409 70 06	164	1431 14 04	175	1461 19 09	171
1393 70 09	424	1409 70 09	164	1431 16 06	175	1463 02	171
1394	588	1409 89 82	163	1431 19 09	175	1463 09	171
1394 00 01	479	1409 89 89	163	1431 70 03	* 175	1463 14 04	171
1394 00 02	480	1410 00 01	164	1432 02	175	1463 16 06	171
1394 00 04	479	1410 00 02	164	1432 04	175	1463 19 09	171
140	79	1410 00 04	164	1432 07	175	1464 02	172
1403 02	235	1412 02	180	1432 09	175	1464 09	172
1403 09	235	1412 09	180	1432 14 04	175	1464 14 04	172
1403 14 04	235	1412 14 04	226	1432 16 06	175	1464 16 06	172
1403 16 06	235	1412 16 06	180	1432 19 09	175	1464 19 09	172
1403 19 09	235	1412 19 09	180	1432 20 06	* 176	1465 00 01	33
1404 00 01	23	1414 00 10	25	1432 20 45	* 176	1465 00 02	33
1404 00 02	23	1415 00 01	25	1432 20 89	* 176	1465 00 69	33
1404 00 04	23	1415 00 02	25	1432 70 03	* 175	1465 70 03	* 33
1404 00 10	23	1415 00 69	25	1434 00 01	32	1465 70 04	33
1404 03 01	818	1415 02 01	26	1434 00 02	32	1465 70 06	33
1404 03 02	818	1415 02 02	26	1434 00 04	32	1465 70 09	33
1404 03 04	818	1415 02 69	26	1434 00 07	483	1465 90 04	33
1405 00 01	23	1415 70 03	* 25	1434 00 10	32	1465 90 11	33
1405 00 02	23	1415 70 04	25	1434 01 01	451	1468 01	162
1405 00 07	483	1415 70 06	25	1434 01 02	112	1468 02	162
1405 00 69	23	1415 70 09	25	1434 01 04	112	1468 09	162
1405 03 01	818	1415 71 03	* 26	1434 01 07	483	1469 01	164
1405 03 02	818	1415 71 04	26	1434 03 01	113	1469 02	164
1405 03 69	818	1415 71 06	26	1434 03 02	113	1469 09	164
1405 70 03	* 23	1415 71 09	26	1434 03 04	113	1472 02	170
1405 70 04	23	1416 00 01	25	1434 03 07	483	1472 09	170
1405 70 06	23	1416 00 02	25	1435 00 01	32	1472 14 04	170
1405 70 09	23	1416 00 04	25	1435 00 02	32	1472 16 06	170
1405 71 03	* 818	1416 02 01	26	1435 00 69	32	1472 19 09	170
1405 71 04	818	1416 02 04	26	1435 01 01	112	1474 02	235
1405 71 06	818	1417 00 01	29	1435 01 02	112	1474 04	420
1405 71 09	818	1417 00 02	29	1435 01 69	112	1474 09	235
1407	531	1417 00 69	29	1435 03 01	113	1474 14 04	235
1407 00 01	161	1417 71 03	* 29	1435 03 02	113	1474 16 06	235
1407 00 02	161	1417 71 04	29	1435 03 69	113	1474 19 09	235
1407 00 69	161	1417 71 06	29	1435 70 03	* 31	148	108
1407 01	531	1417 71 09	29	1435 70 04	31	1480 02	173
1407 14 04	161	1418 00 01	29	1435 70 06	31	1480 09	173
1407 16 06	161	1418 00 02	445	1435 70 09	31	1480 19 09	173
1407 19 09	161	1418 00 04	29	1435 71 03	* 112	1483 01	159
1407 20 45	* 161	142	79	1435 71 04	112	1483 02	159
1407 20 89	* 161	1424 00 01	29	1435 71 06	112	1483 04	159
1407 60 86	* 161	1424 00 02	445	1435 71 09	112	1483 09	159
1407 60 89	161	1424 00 04	29	1435 72 03	* 399	1483 11	159
1407 70 03	* 161	1424 10 04	443	1435 72 04	113	1483 14 04	159

**PRODUCT SUMMARY**



ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
1483 16 06	159	1507 60 86	* 36	1573 09	# 28	1621 20 79	* 26
1483 19 09	159	1507 60 89	36	1573 14 04	28	1621 20 89	* 25
1483 70 03	* 410	1507 89 82	35	1573 16 06	28	1621 22	# 25
1484 01	159	1507 89 89	35	1573 19 09	28	1621 60 69	146
1484 02	159	151 09	106	1577 02	# 29	1621 60 76	* 25
1484 04	159	1518 11	658	1577 09	# 29	1621 60 79	25
1484 09	159	1518 12	658	1577 14 04	29	1621 60 86	* 25
1484 11	159	1518 19	658	1577 16 06	29	1621 60 89	25
1484 14 04	159	1519 11	653	1577 19 09	29	1621 89 02	145
1484 16 06	159	1519 12	653	158	108	1621 89 82	25
1484 19 09	159	1519 19	653	159	108	1621 89 89	25
1484 20 45	* 499	152 09	106	1600	74	1622 02	# 28
1484 20 89	* 499	1529	657	1600 02	73	1622 09	# 28
1484 70 03	* 409	1529 01	657	1601	75	1622 14 04	28
1486 01	666	1529 09	657	1605 10	73	1622 16 06	28
1486 02	666	1530	660	1605 14	73	1622 19 09	28
1486 09	666	1530 01	660	161	152	1622 20 45	* 29
1487 00	24	1530 09	660	1610 03	75	1622 20 89	* 29
1488 00 62	146	154	109	1610 13	75	1622 60 86	* 29
1488 71 15	146	155	107	1611	706	1622 60 89	29
149 09	108	1550	648	1613	706	1622 89 82	28
1492 02	172	1550 01	648	1614	706	1622 89 89	28
1492 09	172	1550 09	648	1615	702	1623 02	# 31
1492 19 09	172	1551	652	1617	702	1623 09	# 31
1493 01	36	1551 09	652	1618	702	1623 14 04	31
1493 02	36	1551 11	652	1619 01	689	1623 16 06	31
1493 04	36	1552	653	162	79	1623 19 09	31
1493 09	36	1552 09	653	1620 02	# 23	1623 20 45	* 32
1493 11	36	1552 11	653	1620 09	# 23	1623 20 89	* 32
1493 14 04	36	1552 21	657	1620 14 04	23	1623 60 86	* 31
1493 16 06	36	1552 22	657	1620 14 14	818	1623 60 89	31
1493 19 09	36	1552 29	657	1620 16 06	23	1623 89 82	31
1496 70 03	* 27	1553	650	1620 16 16	818	1623 89 89	31
1496 70 04	27	1553 09	650	1620 19 09	23	1624 14 04	29
1496 70 06	27	1553 11	650	1620 19 19	818	1624 16 06	29
1496 70 09	27	1557	651	1620 20 05	* 818	1624 19 09	29
150 29	107	1557 01	651	1620 20 15	* 24	1624 20 45	* 30
1504 00 11	119	1557 09	651	1620 20 25	* 24	1624 20 89	* 30
1504 00 12	119	1558	652	1620 20 35	* 24	1624 60 86	* 29
1504 00 79	119	1558 01	652	1620 20 45	* 23	1624 60 89	29
1504 71 03	* 119	1558 09	652	1620 20 49	* 818	1624 62	# 29
1504 71 04	119	1559	649	1620 20 59	* 24	1624 69	# 29
1504 71 06	119	1559 01	649	1620 20 69	* 24	1624 89 82	29
1504 71 09	119	1559 09	649	1620 20 79	* 24	1624 89 89	29
1504 90 14	119	1565	653	1620 20 89	* 23	1625 12	# 112
1504 90 21	119	1565 09	653	1620 22	# 818	1625 14 04	112
1505 00 11	36	1565 11	653	1620 29	# 818	1625 16 06	112
1505 00 12	36	1568	658	1620 60 46	* 23	1625 19	# 112
1505 00 79	36	1568 01	658	1620 60 49	23	1625 19 09	112
1505 70 03	* 36	1568 09	658	1620 60 56	* 23	1625 20 45	* 113
1505 70 04	36	1569	659	1620 60 59	23	1625 20 89	* 113
1505 70 06	36	1569 01	659	1620 60 66	* 23	1625 60 86	* 112
1505 70 09	36	1569 09	659	1620 60 69	23	1625 60 89	112
1505 90 14	36	1570 02	# 23	1620 60 76	* 818	1625 89 82	112
1505 90 21	36	1570 09	# 23	1620 60 79	818	1625 89 89	112
1506 12	# 119	1570 14 04	23	1620 60 86	* 23	1626 14 04	24
1506 14 04	119	1570 16 06	23	1620 60 89	23	1626 16 06	24
1506 16 06	119	1570 19 09	23	1620 89 12	818	1626 19 09	24
1506 19	# 119	1571 02	# 31	1620 89 19	818	1626 60 86	* 24
1506 19 09	119	1571 09	# 31	1620 89 82	23	1626 60 89	24
1506 60 86	* 119	1571 14 04	31	1620 89 89	23	1626 62	# 24
1506 60 89	119	1571 16 06	31	1621 14 04	25	1626 69	# 24
1506 89 82	119	1571 19 09	31	1621 16 06	25	1626 89 82	24
1506 89 89	119	1572 02	# 25	1621 19	# 25	1626 89 89	24
1507 12	# 35	1572 09	# 25	1621 19 02	145	1627 02	# 32
1507 14 04	35	1572 14 04	25	1621 19 09	25	1627 09	# 32
1507 16 06	35	1572 16 06	25	1621 20 35	* 26	1627 14 04	32
1507 19	# 35	1572 19 09	25	1621 20 45	* 25	1627 16 06	32
1507 19 09	35	1573 02	# 28	1621 20 49	* 146	1627 19 09	32

ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
1627 20 45	★ 32	1640 19 09	80	1670 60 89	142	1679 04	75
1627 20 89	★ 32	1640 60 86	★ 80	1670 71 03	★ 142	1680	74
1627 60 86	★ 32	1640 60 89	80	1670 71 04	142	1681 00	★ 602
1627 60 89	32	1640 89 82	80	1670 71 06	142	1681 05	602
1627 89 82	32	1640 89 89	80	1670 71 09	142	1681 07	602
1627 89 89	32	1641 00 01	80	1670 89 82	142	1682 00	★ 603
1628 02	# 26	1641 00 02	80	1670 89 89	142	1682 05	603
1628 09	# 26	1641 00 69	80	1670 90 04	142	1682 07	603
1628 14 04	26	1641 71 03	★ 80	1670 90 11	142	1683 00	★ 603
1628 16 06	26	1641 71 04	80	1671 00 01	143	1683 05	603
1628 19 09	26	1641 71 06	80	1671 00 02	143	1683 07	603
1628 60 76	★ 27	1641 71 09	80	1671 00 69	143	1684 00	★ 604
1628 60 79	27	1641 90 04	80	1671 02	# 143	1684 05	604
1628 60 86	★ 26	1641 90 11	80	1671 09	# 143	1684 07	604
1628 60 89	26	1644 02	# 113	1671 14 04	143	1685 78	590
1628 89 82	26	1644 09	# 113	1671 16 06	143	1686	★ 74
1628 89 89	26	1644 14 04	113	1671 19 09	143	1686 01	★ 74
1629	650	1644 16 06	113	1671 60 86	★ 143	1687	★ 74
1629 01	650	1644 19 09	113	1671 60 89	143	169	128
1629 09	650	1644 20 45	★ 113	1671 71 03	★ 143	1691 00	★ 602
163 01	57	1644 20 89	★ 113	1671 71 04	143	1691 05	602
1632 02	# 37	1644 60 86	★ 113	1671 71 06	143	1691 07	602
1632 09	# 37	1644 60 89	113	1671 71 09	143	1692 00	★ 603
1632 14 04	37	1644 89 82	113	1671 89 82	143	1692 05	603
1632 16 06	37	1644 89 89	113	1671 89 89	143	1692 07	603
1632 19 09	37	1647	525	1671 90 04	143	1693 00	★ 603
1632 20 45	★ 37	1647 01	525	1671 90 11	143	1693 05	603
1632 20 89	★ 37	1647 65	525	1672 00 01	142	1693 07	603
1632 60 86	★ 37	1647 69	525	1672 00 02	142	1694 00	★ 604
1632 60 89	37	1651 19 49	82	1672 00 69	142	1694 05	604
1632 89 82	37	1651 19 59	83	1672 02	# 142	1694 07	604
1632 89 89	37	1651 19 69	83	1672 09	# 142	1696 14 04	27
1633 02	# 38	1651 20 49	★ 82	1672 14 04	141	1696 16 06	27
1633 09	# 38	1651 20 69	★ 83	1672 16 06	141	1696 19 09	27
1633 14 04	38	1651 20 89	★ 83	1672 19 09	141	1696 60 76	★ 27
1633 16 06	38	1651 49	# 82	1672 60 86	★ 142	1696 60 79	27
1633 19 09	38	1651 59	# 83	1672 60 89	142	1696 60 86	★ 27
1633 20 45	★ 38	1651 60 49	82	1672 71 03	★ 142	1696 60 89	27
1633 20 89	★ 38	1651 60 59	83	1672 71 04	142	1696 89 82	27
1633 60 86	★ 38	1651 60 69	83	1672 71 06	142	1696 89 89	27
1633 60 89	38	1651 69	# 83	1672 71 09	142	170	129
1633 89 82	38	1651 71 09	82	1672 89 82	141	1701 05	103
1633 89 89	38	1651 72 09	83	1672 89 89	141	1701 06	102
1634 00 01	37	1651 73 09	83	1672 90 04	142	1701 07	102
1634 00 02	37	1 6599 01	62	1672 90 11	142	1701 08	101
1634 00 69	37	1661 19 49	81	1674 14 04	39	1701 10	100
1634 01 01	37	1661 20 49	★ 82	1674 16 06	39	1701 11	100
1634 01 02	37	1661 49	# 82	1674 19 09	39	1705 01 04	472
1634 01 04	37	1661 60 49	82	1674 20 45	★ 39	1707 02	# 146
1634 71 03	★ 37	1661 71 09	82	1674 20 89	★ 39	1707 09	# 146
1634 71 04	37	1665 14 04	33	1674 60 86	★ 39	1708 02	# 148
1634 71 06	37	1665 16 06	33	1674 60 89	39	1708 09	# 148
1634 71 09	37	1665 19 09	33	1674 89 82	39	171	130
1635 00 01	38	1665 20 45	★ 33	1674 89 89	39	172 01	130
1635 00 02	38	1665 20 89	★ 33	1675	22	173	130
1635 00 69	38	1665 60 86	★ 33	1675 04	73	1735 00 01	42
1635 01 01	38	1665 60 89	33	1676	73	1735 00 02	42
1635 01 02	38	1665 89 82	33	1676 01	73	1735 00 69	42
1635 01 04	38	1665 89 89	33	1676 02	73	1735 02	# 42
1635 71 03	★ 38	1670 00 01	142	1676 03	73	1735 09	# 42
1635 71 04	38	1670 00 02	142	1678	74	1735 14 04	42
1635 71 06	38	1670 00 69	142	1678 01	74	1735 16 06	42
1635 71 09	38	1670 02	# 142	1678 02	74	1735 19 09	42
1636 40	715	1670 09	# 142	1678 03	74	1735 60 86	★ 42
1637	702	167 01	61	1678 04	74	1735 60 89	42
1640 02	# 80	1670 14 04	142	1679	75	1735 70 03	★ 42
1640 09	# 80	1670 16 06	142	1679 01	75	1735 70 04	42
1640 14 04	80	1670 19 09	142	1679 02	75	1735 70 06	42
1640 16 06	80	1670 60 86	★ 142	1679 03	75	1735 70 09	42

**PRODUCT SUMMARY**



ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
1735 89 82	42	1757 60 86	* 125	1761 70 04	60	1771 49	# 123
1735 89 89	42	1757 60 89	125	1761 70 06	60	1771 60 86	* 123
1735 90 04	42	1757 70 03	* 125	1761 70 09	60	1771 60 89	123
1735 90 11	42	1757 70 04	125	1761 89 82	60	1771 70 03	* 123
1736 00 01	41	1757 70 06	125	1761 89 89	60	1771 70 04	123
1736 00 02	41	1757 70 09	125	1762 00 01	128	1771 70 06	123
1736 00 69	41	1757 89 82	124	1762 00 02	128	1771 70 09	123
1736 02	# 41	1757 89 89	124	1762 00 69	128	1771 89 82	123
1736 09	# 41	1757 90 12	125	1762 02	# 128	1771 89 89	123
1736 14 04	41	1757 90 14	125	1762 09	# 128	1771 90 12	123
1736 16 06	41	1757 90 21	125	1762 14 04	128	1771 90 14	123
1736 19 09	41	1758 00 11	742	1762 16 06	128	1771 90 21	123
1736 60 86	* 41	1758 00 12	742	1762 19 09	128	1774 00 01	127
1736 60 89	41	1758 00 79	742	1762 60 86	* 128	1774 00 02	127
1736 71 03	* 41	1758 12	# 742	1762 60 89	128	1774 00 69	127
1736 71 04	41	1758 14 04	742	1762 71 03	* 128	1774 02	# 127
1736 71 06	41	1758 16 06	742	1762 71 04	128	1774 09	# 127
1736 71 09	41	1758 19 09	742	1762 71 06	128	1774 14 04	127
1736 89 82	41	1758 49	# 742	1762 71 09	128	1774 16 06	127
1736 89 89	41	1758 60 86	* 742	1762 89 82	128	1774 19 09	127
1736 90 04	41	1758 60 89	742	1762 89 89	128	1774 60 86	* 127
1736 90 11	41	1758 70 03	* 742	1762 90 04	128	1774 60 89	127
1738 00 01	40	1758 70 04	742	1762 90 11	128	1774 70 03	* 127
1738 00 02	40	1758 70 06	742	1765 00 01	50	1774 70 04	127
1738 00 69	40	1758 70 09	742	1765 00 02	50	1774 70 06	127
1738 02	# 40	1758 89 82	742	1765 00 04	50	1774 70 09	127
1738 09	# 40	1758 89 89	742	1765 00 11	50	1774 89 82	127
1738 14 04	40	1758 90 12	742	1765 00 12	50	1774 89 89	127
1738 16 06	40	1758 90 14	742	1765 00 69	50	1774 90 04	127
1738 19 09	40	1758 90 21	742	1765 02	# 50	1774 90 11	127
1738 60 86	* 40	1759 00 11	743	1765 09	# 50	1775 00 01	127
1738 60 89	40	1759 00 12	743	1765 14 04	50	1775 00 02	127
1738 71 03	* 40	1759 00 79	743	1765 16 06	50	1775 00 69	127
1738 71 04	40	1759 12	# 743	1765 19 09	50	1775 02	# 126
1738 71 06	40	1759 14 04	743	1765 60 86	* 50	1775 09	# 126
1738 71 09	40	1759 16 06	743	1765 60 89	50	1775 14 04	126
1738 89 82	40	1759 19 09	743	1765 70 03	* 50	1775 16 06	126
1738 89 89	40	1759 49	# 743	1765 70 04	50	1775 19 09	126
1738 90 04	40	1759 60 86	* 743	1765 70 06	50	1775 60 86	* 126
1738 90 11	40	1759 60 89	743	1765 70 09	50	1775 60 89	126
1 7401 09	749	1759 70 03	* 743	1765 89 82	50	1775 70 03	* 126
175 09	749	1759 70 04	743	1765 89 89	50	1775 70 04	126
1756 00 11	125	1759 70 06	743	1770 00 11	124	1775 70 06	126
1756 00 12	125	1759 70 09	743	1770 00 12	124	1775 70 09	126
1756 00 79	125	1759 89 82	743	1770 00 79	124	1775 89 82	126
1756 12	# 125	1759 89 89	743	1770 12	# 124	1775 89 89	126
1756 14 04	125	1759 90 12	743	1770 14 04	124	1775 90 04	127
1756 16 06	125	1759 90 14	743	1770 16 06	124	1775 90 11	127
1756 19 09	125	1759 90 21	743	1770 19 09	124	1 7810 09	756
1756 49	# 125	1760 00 01	741	1770 49	# 124	1783	98
1756 60 86	* 125	1760 00 02	741	1770 60 86	* 124	1783 00 01	94
1756 60 89	125	1760 00 04	741	1770 60 89	124	1783 00 02	94
1756 70 03	* 125	1760 00 69	741	1770 70 03	* 124	1783 00 69	94
1756 70 04	125	1760 02	# 740	1770 70 04	124	1783 02	# 94
1756 70 06	125	1760 09	# 740	1770 70 06	124	1783 09	# 94
1756 70 09	125	1761 00 01	60	1770 70 09	124	1783 11	98
1756 89 82	125	1761 00 02	60	1770 89 82	124	1783 14 04	94
1756 89 89	125	1761 00 04	60	1770 89 89	124	1783 16 06	94
1756 90 12	125	1761 00 11	60	177 09	760	1783 19	98
1756 90 14	125	1761 00 12	60	1770 90 12	124	1783 19 09	94
1756 90 21	125	1761 00 69	60	1770 90 14	124	1783 60 86	* 94
1757 00 11	125	1761 02	# 60	1770 90 21	124	1783 60 89	94
1757 00 12	125	1761 09	# 60	1771 00 11	123	1783 61 86	* 98
1757 00 79	125	1761 14 04	60	1771 00 12	123	1783 61 89	98
1757 12	# 125	1761 16 06	60	1771 00 79	123	1783 70 03	* 94
1757 14 04	124	1761 19 09	60	1771 12	# 123	1783 70 04	94
1757 16 06	124	1761 60 86	* 60	1771 14 04	123	1783 70 06	94
1757 19 09	124	1761 60 89	60	1771 16 06	123	1783 70 09	94
1757 49	# 125	1761 70 03	* 60	1771 19 09	123	1783 71 06	98

ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
1783 71 09	98	1789 60 86	* 95	1905 02	# 306	2031 09	# 141
1783 89 82	94	1789 60 89	95	1905 69	# 306	2031 14 04	141
1783 89 89	94	1789 70 03	* 95	1905 70 03	* 416	2031 16 06	141
1783 90 04	94	1789 70 04	95	1905 70 04	416	2031 19 09	141
1783 90 11	94	1789 70 06	95	1906	705	2031 60 86	* 141
1784	97	1789 70 09	95	1913	725	2031 60 89	141
1784 00 01	94	1789 89 82	95	1914	725	2031 71 03	* 141
1784 00 02	94	1789 89 89	95	191 49	904	2031 71 04	141
1784 00 69	94	1789 90 11	95	191 59	904	2031 71 06	141
1784 02	# 93	1 7899 09	753	192 49	905	2031 71 09	141
1784 09	# 93	179	752	192 59	905	2031 89 82	141
1784 11	97	179 50	754	1962 01	703	2031 89 89	141
1784 14 04	93	180	756	1962 05	690	2031 90 04	141
1784 16 06	93	1800	178	1964 00 01	589	2031 90 11	141
1784 19	97	1804 05	691	1965 02 03	589	2034 00 01	138
1784 19 09	93	1804 15	691	1965 02 08	589	2034 00 02	138
1784 60 86	* 93	1804 25	691	1966 02 15	589	2034 00 69	138
1784 60 89	93	1805 05	691	1980	623	2034 02	# 137
1784 61 86	* 97	1806	703	1984	623	2034 09	# 137
1784 61 89	97	1807	707	1985	623	2034 14 04	137
1784 70 03	* 94	1808	707	1989	624	2034 16 06	137
1784 70 04	94	1809	593	1990	625	2034 19 09	137
1784 70 06	94	181	755	1992	625	2034 20 45	* 138
1784 70 09	94	1811 10	588	1993	625	2034 20 89	* 138
1784 71 06	97	1811 12	588	1994	625	2034 60 86	* 138
1784 71 09	97	1811 13	588	2026 00 01	139	2034 60 89	138
1784 89 82	93	1812	527	2026 00 02	139	2034 71 03	* 138
1784 89 89	93	1812 01	526	2026 00 69	139	2034 71 04	138
1784 90 04	94	1813	632	2026 09	# 139	2034 71 06	138
1784 90 11	94	1813 05	547	2026 12	# 139	2034 71 09	138
1786	99	1813 09	547	2026 14 04	138	2034 89 82	137
1786 11	99	1817 05	547	2026 16 06	138	2034 89 89	137
1786 19	99	1817 09	547	2026 19 09	138	2034 90 04	138
1786 61 86	* 99	1818	79	2026 20 45	* 139	2034 90 11	138
1786 61 89	99	1818 01	79	2026 20 89	* 139	2040	37
1786 71 06	99	1823 05	547	2026 60 86	* 139	2041	37
1786 71 09	99	1823 09	547	2026 60 89	139	2044 00 01	137
1787	99	1824	593	2026 71 03	* 139	2044 00 02	137
1787 11	99	1 8299 09	750	2026 71 04	139	2044 00 69	137
1787 19	99	1830 01	724	2026 71 06	139	2044 02	# 136
1787 61 86	* 98	183 01	129	2026 71 09	139	2044 09	# 136
1787 61 89	98	184	129	2026 89 82	138	2044 14 04	136
1787 71 06	99	185	78	2026 89 89	138	2044 16 06	136
1787 71 09	99	1857	593	2026 90 04	139	2044 19 09	136
1788 00 02	97	1861	115	2026 90 11	139	2044 60 86	* 136
1788 00 04	97	1861 01	* 115	2030 00 01	140	2044 60 89	136
1788 00 69	97	1870	593	2030 00 02	140	2044 71 03	* 136
1788 02	# 96	187 00	78	2030 00 69	140	2044 71 04	136
1788 09	# 96	1871	605	2030 02	# 140	2044 71 06	136
1788 14 04	96	1 8799 01	77	2030 09	# 140	2044 71 09	136
1788 16 06	96	1880	690	2030 14 04	139	2044 89 82	136
1788 19 09	96	1880 01	703	2030 16 06	139	2044 89 89	136
1788 60 86	* 96	1881	690	2030 19 09	139	2044 90 04	137
1788 60 89	96	1881 01	703	2030 20 45	* 140	2044 90 11	137
1788 70 03	* 97	188 11	78	2030 20 89	* 140	2045 20 45	* 137
1788 70 04	97	1882	690	2030 60 86	* 140	2045 20 89	* 137
1788 70 06	97	1884	666	2030 60 89	140	2411 10 06	* 849
1788 70 09	97	1886	690	2030 71 03	* 140	2411 10 09	* 849
1788 89 82	96	1887	541	2030 71 04	140	2411 10 89	* 849
1788 89 89	96	1889 05	690	2030 71 06	140	2412 10 06	* 849
1788 90 11	97	1895 10	593	2030 71 09	140	2412 10 09	* 849
1789 00 02	95	1895 12	593	2030 89 82	139	2412 10 89	* 849
1789 00 04	95	1895 13	593	2030 89 89	139	2600 05	176
1789 00 69	95	190	105	2030 90 04	140	2600 09	176
1789 02	# 95	1901	703	2030 90 11	140	2600 20 45	* 539
1789 09	# 95	1903	695	2031 00 01	141	2600 20 89	* 539
1789 14 04	95	1904	694	2031 00 02	141	2700	728
1789 16 06	95	1905 00 02	230	2031 00 69	141	2700 01	728
1789 19 09	95	1905 00 69	230	2031 02	# 141	2721 00 02	730

**PRODUCT SUMMARY**



ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
2721 00 69	730	2834 10	528	2918	65	33 1307 70 02 *	390
2721 02	# 730	2834 11	528	2919	131	33 1307 70 04 *	390
2721 09	# 730	2834 20 45 *	528	2921	66	33 1307 70 06 *	390
2721 10 06	729	2834 20 89 *	528	2925	122	33 1307 70 09 *	390
2721 10 09	729	2835 10	528	2927	66	33 1307 70 24 *	390
2721 14 04	# 730	2835 11	528	2930	131	33 1307 89 82 *	202
2721 16 06	# 730	2835 20 45 *	528	2931	132	33 1307 89 89 *	202
2721 19 09	# 730	2835 20 89 *	528	2934 10	58	33 1307 99 09 *	202
2721 60 86	* 729	2844	36	2943	61	33 1532 00 02	182
2721 60 89	729	2860 10	44	2948	39	33 1532 00 69	182
2721 70 04	729	2861 10	46	2948 10	38	3315 32 02	# 182
2721 70 06	729	2862 10	46	2949	71	3315 32 09	# 182
2721 70 09	729	2866 10	45	2951	70	33 1532 14 04	182
2721 70 24	729	2867 10	45	2952	70	33 1532 16 06	182
2721 90 04	730	2868	63	2968 01	149	33 1532 19 09	182
2721 90 11	730	2869	63	2969	131	33 1532 20 45 *	183
2722 00 02	731	2872	62	2970 10	685	33 1532 20 89 *	183
2722 00 69	731	2873	44	2972	67	33 1532 60 86 *	182
2722 02	# 731	2874	45	2974 01	66	33 1532 60 89	182
2722 09	# 731	2875	43	2975	121	33 1532 70 03 *	182
2722 10 06	730	2880 00 04	186	2975 01	122	33 1532 70 04	182
2722 10 09	730	2880 00 69	186	2976	67	33 1532 70 06	182
2722 14 04	# 731	2880 09	# 186	2977	67	33 1532 70 09	182
2722 16 06	# 731	2880 60 89	186	3002 40	712	33 1532 89 82	182
2722 19 09	# 731	2880 70 03 *	186	3003 40	712	33 1532 89 89	182
2722 60 86	* 730	2880 70 04	186	3005 40	713	33 1532 90 04	182
2722 60 89	730	2880 70 09	186	3006 40	712	33 1532 90 11	182
2722 70 04	731	2880 89 16	186	3007 40	712	33 1539 00 02	185
2722 70 06	731	2880 89 89	186	3008 40	713	33 1539 00 69	185
2722 70 09	731	2880 99 09	186	3012 40	713	3315 39 02	# 185
2722 70 24	731	2882 00 04	187	3016 40	713	3315 39 09	# 185
2722 90 04	731	2882 00 69	187	3031	22	33 1539 14 04	185
2722 90 11	731	2882 09	# 186	3032	28	33 1539 16 06	185
2723 10 06	732	2882 60 89	187	3032 12	28	33 1539 19 09	185
2723 10 09	732	2882 70 03 *	187	3033 03	28	33 1539 20 45 *	185
2723 60 86	* 732	2882 70 04	187	3035	30	33 1539 20 89 *	185
2723 60 89	732	2882 70 09	187	3035 20	112	33 1539 60 86 *	185
2723 70 04	732	2882 89 16	186	3035 50	30	33 1539 60 89	185
2723 70 06	732	2882 89 89	186	3036	22	33 1539 70 03 *	185
2723 70 09	732	2882 99 09	186	3036 50	22	33 1539 70 04	185
2723 70 24	732	2883 00 14	187	3037	22	33 1539 70 06	185
2724 00 02	733	2883 00 69	187	3038 08	30	33 1539 70 09	185
2724 00 69	733	2883 09	# 187	3045	704	33 1539 89 82	185
2724 02	# 732	2883 60 89	187	3046	704	33 1539 89 89	185
2724 09	# 732	2883 70 03 *	187	3072 05	678	33 1539 90 04	185
2724 14 04	# 732	2883 70 04	187	3075 05	679	33 1539 90 11	185
2724 16 06	# 732	2883 70 09	187	3075 09	679	33 1540 00 02	181
2724 19 09	# 732	2883 89 16	187	3075 25	683	33 1540 00 69	181
2724 90 04	733	2883 89 89	187	3076 05	675	3315 40 02	# 180
2724 90 11	733	2883 99 09	187	3076 09	675	3315 40 09	# 180
2743	64	2885	44	3076 25	676	33 1540 14 04	180
2743 09	64	2891 10	47	3076 55	675	33 1540 16 06	180
2743 18	64	2895 05	683	3077 05	675	33 1540 19 09	180
2744	64	2896 10	48	3078 05	680	33 1540 20 45 *	181
2744 09	64	2897	46	3142	705	33 1540 20 89 *	181
2744 18	64	2898	47	3146	705	33 1540 60 86 *	181
2764	733	2901	49	3172 05	679	33 1540 60 89	181
2766	728	2902	59	3176 05	676	33 1540 70 03 *	181
2769	729	2903	59	3242 25	684	33 1540 70 04	181
2779	839	2904	58	3271 05	684	33 1540 70 06	181
2819 01	43	2905	55	3272 05	685	33 1540 70 09	181
2819 02	# 43	2906	56	3272 15	685	33 1540 89 82	180
2819 09	# 43	2906 10	56	33 1307 00 02 *	442	33 1540 89 89	180
2819 89 82	42	2907	59	33 1307 00 69 *	442	33 1540 90 04	181
2819 89 89	42	2908	92	3313 07 02 *	284	33 1540 90 11	181
2819 99 09	42	2911	742	3313 07 09 *	284	33 1541 00 02	182
2819 99 39	* 212	2912	57	33 1307 14 04 *	202	33 1541 00 69	182
2819 99 49	* 212	2915	65	33 1307 16 06 *	202	3315 41 02	# 181
2830 10	43	2916	55	33 1307 60 89 *	329	3315 41 09	# 181

ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
33 1541 14 04	181	3446	700	4109 60 86	* 320	4135 70 03	* 380
33 1541 16 06	181	34 6001 14 04	204	4109 60 89	* 320	4135 70 04	380
33 1541 19 09	181	34 6001 16 06	204	4109 70 03	* 382	4135 70 06	380
33 1541 20 45	* 182	34 6001 19 09	204	4109 70 04	* 382	4135 70 09	380
33 1541 20 89	* 182	34 6002 14 04	205	4109 70 06	* 382	4143 02	# 274
33 1541 60 86	* 181	34 6002 16 06	205	4109 70 09	* 382	4143 09	# 274
33 1541 60 89	181	34 6002 19 09	205	4109 89 82	* 192	4143 14 04	190
33 1541 70 03	* 182	34 6003 14 04	204	4109 89 89	* 192	4143 16 06	190
33 1541 70 04	182	34 6003 16 06	204	4109 90 04	* 434	4143 19 09	190
33 1541 70 06	182	34 6003 19 09	204	4109 90 11	* 434	4143 19 12	197
33 1541 70 09	182	3562 05	681	4110 00 02	435	4143 19 13	197
33 1541 89 82	181	3566 05	680	4110 00 69	435	4143 19 14	197
33 1541 89 89	181	3811	529	4110 00 73	438	4143 20 45	* 486
33 1541 90 04	182	3811 01	529	4110 00 77	438	4143 20 89	* 486
33 1541 90 11	182	3811 20 45	* 529	4110 00 82	438	4143 60 12	323
33 1542 00 02	183	3811 20 89	* 529	4110 02	# 276	4143 60 13	323
33 1542 00 69	183	3812	529	4110 09	# 276	4143 60 14	323
3315 42 02	# 183	3812 01	529	4110 13	# 280	4143 60 86	* 318
3315 42 09	# 183	3812 20 45	* 529	4110 14	# 280	4143 60 89	318
33 1542 14 04	183	3812 20 89	* 529	4110 15	# 280	4143 89 12	197
33 1542 16 06	183	3821 20	117	4110 19 09	192	4143 89 13	197
33 1542 19 09	183	3822 10	118	4110 19 13	198	4143 89 14	197
33 1542 20 45	* 183	3826 10	35	4110 19 14	198	4143 89 82	190
33 1542 20 89	* 183	3831 10	118	4110 19 15	198	4143 89 89	190
33 1542 60 86	* 183	3831 20	118	4110 20 03	* 489	4145 20	522
33 1542 60 89	183	3832 10	118	4110 20 07	* 489	4145 20 45	* 522
33 1542 70 03	* 183	3836 20	35	4110 20 22	* 489	4145 20 89	* 522
33 1542 70 04	183	3838 00	525	4110 20 45	* 487	4145 21	522
33 1542 70 06	183	3841	114	4110 20 89	* 487	4149 14 04	191
33 1542 70 09	183	3842	114	4110 60 13	325	4149 16 06	191
33 1542 89 82	183	3846 00	524	4110 60 14	325	4149 19 09	191
33 1542 89 89	183	3851	115	4110 60 15	325	4149 60 86	* 319
33 1542 90 04	183	3852	115	4110 60 86	* 320	4149 60 89	319
33 1542 90 11	183	3856 20	35	4110 60 89	320	4149 89 82	191
33 1543 00 02	184	3861	148	4110 70 09	382	4149 89 89	191
33 1543 00 69	184	3861 01	148	4110 71 13	387	4152 00 01	437
3315 43 02	# 184	3875 00	524	4110 71 14	387	4152 00 02	437
3315 43 09	# 184	3876 00	524	4110 71 15	387	4152 00 69	437
33 1543 14 04	184	3877 00	524	4110 89 13	198	4152 71 03	* 385
33 1543 16 06	184	3893 00	524	4110 89 14	198	4152 71 04	385
33 1543 19 09	184	3906 40	713	4110 89 15	198	4152 71 06	385
33 1543 20 45	* 184	3956 19	34	4110 89 82	192	4152 71 09	385
33 1543 20 89	* 184	3966	33	4110 89 89	192	4152 71 15	387
33 1543 60 86	* 184	3976 15	681	4114 00 01	432	4152 90 04	437
33 1543 60 89	184	4000 99 30	710	4114 00 04	432	4166 02	# 285
33 1543 70 03	* 184	4000 99 40	710	4115 00 01	432	4166 09	# 285
33 1543 70 04	184	4000 99 50	710	4115 00 02	432	4166 19 09	203
33 1543 70 06	184	4006 41	711	4115 00 69	432	4166 60 86	* 329
33 1543 70 09	184	4040	711	4115 70 03	* 380	4166 60 89	329
33 1543 89 82	184	4108 02	# 278	4115 70 04	380	4166 89 82	203
33 1543 89 89	184	4108 09	# 278	4115 70 06	380	4166 89 89	203
33 1543 90 04	184	4108 14 04	195	4115 70 09	380	4167 00 02	442
33 1543 90 11	184	4108 16 06	195	4123	# 275	4167 00 69	442
33 4171 24 04	203	4108 19 09	195	4123 14 04	190	4167 90 04	442
33 4171 26 06	203	4108 19 62	198	4123 16 06	190	4167 90 11	442
33 4171 29 09	203	4108 60 62	325	4123 19 09	190	4168 02	# 285
3342 02 11	* 202	4108 60 86	* 322	4123 20 45	* 486	4168 09	# 285
3342 02 12	* 202	4108 60 89	322	4123 20 89	* 486	4168 19 09	203
3342 02 16	* 202	4108 62	# 280	4123 60 86	* 318	4168 60 86	* 329
3342 02 19	* 202	4108 89 62	198	4123 60 89	318	4168 60 89	329
33 4207 80 09	388	4108 89 82	195	4123 89 82	190	4168 89 82	203
33 4208 80 09	390	4108 89 89	195	4123 89 89	190	4168 89 89	203
33 4209 80 09	391	4109 00 02	* 434	4134 00 01	433	4169 00 02	442
33 4213 24 04	204	4109 00 69	* 434	4134 00 02	433	4169 00 69	442
33 4213 26 06	204	4109 14 04	* 192	4134 00 04	433	4169 90 04	442
33 4213 29 09	204	4109 16 06	* 192	4135 00 01	433	4169 90 11	442
33 4214 24 04	204	4109 19 09	* 192	4135 00 02	433	4170	# 284
33 4214 26 06	204	4109 20 45	* 487	4135 00 07	482	4170 00 01	439
33 4214 29 09	204	4109 20 89	* 487	4135 00 69	433	4170 00 02	439

**PRODUCT SUMMARY**



ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
4170 00 69	439	4554	160	4720 02	# 284	4729 89 89	193
4171 02	# 284	4555	163	4720 09	# 284	4729 90 04	435
4171 09	# 284	4562	162	4720 20 45	* 488	4729 90 11	435
4174 00 01	439	4568	160	4720 20 89	* 488	4729 99 09	193
4174 00 04	439	4572 05	177	4720 60 86	* 321	4729 99 39	* 193
4202	648	4572 09	177	4720 60 89	321	4729 99 49	* 193
4203	648	4573 05	177	4720 89 82	194	4734 00 01	432
4211	647	4573 09	177	4720 89 89	194	4734 00 02	432
4211 09	647	4584	165	4720 99 09	194	4734 00 04	432
4212	647	4586	161	4720 99 39	* 194	4735 00 01	432
4212 09	647	4587	163	4720 99 49	* 194	4735 00 02	432
4227 05	683	4588	165	4721 30	711	4735 00 07	482
4228 05	683	4592	# 162	4721 40	711	4735 00 69	432
4241 15	671	4593	157	4722 02	# 276	4735 70 03	* 380
4246	701	4593 01	* 536	4722 09	# 276	4735 70 04	380
4256 15	691	4594	158	4722 89 82	193	4735 70 06	380
4280	697	4594 01	* 537	4722 89 89	193	4735 70 09	380
4283	704	4604	724	4722 99 09	193	4738 00 01	434
4286	698	4605	725	4722 99 39	* 193	4738 00 02	434
4288	699	4606	724	4722 99 49	* 193	4738 00 63	434
4290	702	4631	704	4723 02	# 274	4738 00 69	434
4291	702	4637	626	4723 03	# 279	4738 70 03	* 381
4293	698	4700 30	* 710	4723 04	# 279	4738 70 04	381
4294	699	4700 40	710	4723 09	# 274	4738 70 06	381
4322	697	4703	# 275	4723 14 04	190	4738 70 09	381
4323	697	4703 09	# 275	4723 16 06	190	4739 00 01	433
4324	698	4708 02	# 278	4723 19 09	190	4739 00 02	433
4325	699	4708 09	# 278	4723 19 14	196	4739 00 63	433
4342	705	4708 19 09	196	4723 20 45	* 486	4739 00 69	433
4370	696	4708 60 86	* 323	4723 20 89	* 486	4739 70 03	* 381
4386	700	4708 60 89	323	4723 60 86	* 318	4739 70 04	381
4391	701	4708 70 03	* 385	4723 60 89	318	4739 70 06	381
4412	695	4708 70 04	385	4723 89 14	196	4739 70 09	381
4416	694	4708 70 06	385	4723 89 82	190	4739 70 13	386
4432	701	4708 70 09	385	4723 89 89	190	4739 70 14	386
4447	695	4708 89 82	196	4727 02	# 275	4739 70 15	386
4448	694	4708 89 89	196	4727 09	# 275	4739 71 13	386
4449	696	4714 00 01	432	4727 14 04	191	4739 71 14	386
4450	694	4714 00 02	432	4727 16 06	191	4739 71 15	386
4462	695	4714 00 04	432	4727 19 09	191	4739 90 04	433
4466	693	4715	645	4727 20 45	* 487	4740 05	670
4468	173	4715 00 01	432	4727 20 89	* 487	4740 09	670
4470	173	4715 00 02	432	4727 60 86	* 319	4741 05	670
4477 09	720	4715 00 62	437	4727 60 89	319	4742 02	# 276
4478 09	720	4715 00 69	432	4727 89 82	191	4742 09	# 276
4502	156	4715 00 73	438	4727 89 89	191	4742 89 82	192
4502 01	* 534	4715 00 77	438	4728 00 01	433	4742 89 89	192
4503	157	4715 00 82	438	4728 00 02	433	4742 99 09	192
4505	179	4715 01	645	4728 00 69	433	4742 99 39	* 192
4505 01	178	4715 09	645	4728 20 45	* 487	4742 99 49	* 192
4505 02	178	4715 70 03	* 380	4728 20 89	* 487	4743 02	# 274
4508 20	538	4715 70 04	380	4728 71 03	* 381	4743 03	# 278
4508 21	538	4715 70 06	380	4728 71 04	381	4743 04	# 278
4515	156	4715 70 09	380	4728 71 06	381	4743 05	# 278
4515 01	* 535	4715 70 13	386	4728 71 09	381	4743 09	# 274
4522	156	4715 70 14	386	4729 00 01	435	4743 13	# 279
4522 01	* 535	4715 70 15	386	4729 00 02	435	4743 14	# 279
4523	157	4715 71 13	386	4729 00 69	435	4743 14 04	190
4523 01	* 536	4715 71 14	386	4729 02	# 277	4743 16 06	190
4538	160	4715 71 15	386	4729 09	# 277	4743 19 03	197
4539	162	4716	645	4729 20 45	* 488	4743 19 07	197
4540 01	166	4716 01	645	4729 20 89	* 488	4743 19 09	190
4540 02	167	4716 09	645	4729 60 86	* 320	4743 19 12	196
4540 04	167	4718	646	4729 60 89	320	4743 19 13	196
4541 01	168	4718 01	646	4729 70 03	* 383	4743 19 14	196
4541 04	168	4718 09	646	4729 70 04	383	4743 19 22	197
4541 05	168	4719	646	4729 70 06	383	4743 20 03	* 489
4541 07	169	4719 01	646	4729 70 09	383	4743 20 07	* 489
4541 09	169	4719 09	646	4729 89 82	193	4743 20 22	* 489



ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
4743 20 45	* 486	4749 14 04	191	4753 00 02	435	5051 02	80
4743 20 89	* 486	4749 15	# 279	4753 00 69	435	5051 03	80
4743 60 03	324	4749 16 06	191	4753 70 03	* 382	5052 01	80
4743 60 07	324	4749 19 09	191	4753 70 04	382	5056 01	80
4743 60 09	324	4749 60 86	* 319	4753 70 05	488	5071 05	678
4743 60 12	323	4749 60 89	319	4753 70 06	382	5075 05	684
4743 60 13	323	4749 89 82	191	4753 70 09	382	5075 15	680
4743 60 14	323	4749 89 89	191	4754 02	# 276	5076 05	677
4743 60 22	324	4750 14 04	191	4754 09	# 276	5076 09	677
4743 60 39	324	4750 16 06	191	4754 89 82	193	5076 55	677
4743 60 49	324	4750 19 02	197	4754 89 89	193	5100 40	714
4743 60 79	324	4750 19 03	197	4754 99 09	193	5101	68
4743 60 86	* 318	4750 19 07	197	4754 99 39	* 193	5101 02	# 285
4743 60 89	318	4750 19 09	191	4754 99 49	* 193	5101 10	68
4743 89 03	197	4750 19 13	198	4755	522	5101 89 82	205
4743 89 07	197	4750 19 14	198	4755 01	522	5101 89 89	205
4743 89 12	196	4750 19 15	198	4755 20 45	* 522	5101 99 09	205
4743 89 13	196	4750 60 02	324	4755 20 89	* 522	5104	539
4743 89 14	196	4750 60 03	324	4756 02	# 275	5104 01	539
4743 89 22	197	4750 60 07	324	4756 09	# 275	5112 15	686
4743 89 82	190	4750 60 13	324	4757 00 01	436	5130 40	715
4743 89 89	190	4750 60 14	324	4757 00 02	436	5131 02	69
4744 02	# 277	4750 60 15	324	4757 00 04	436	5152	706
4744 09	# 277	4750 60 86	* 319	4758 00 01	436	5172 15	686
4744 14 04	194	4750 60 89	319	4758 00 02	436	5200 60 89	* 355
4744 16 06	194	4750 89 02	197	4758 00 04	436	5200 60 99	* 355
4744 19 09	194	4750 89 03	197	4758 10 04	436	5200 70 09	* 418
4744 19 49	231	4750 89 07	197	4758 20 04	437	5200 89 82	* 233
4744 20 45	* 489	4750 89 13	198	4758 30 04	437	5200 89 89	* 233
4744 20 79	* 502	4750 89 14	198	4763	647	5200 99 09	* 233
4744 20 89	* 489	4750 89 15	198	4763 01	647	5201 60 89	* 356
4744 49	# 307	4750 89 82	191	4763 05	670	5201 60 99	* 356
4744 60 49	354	4750 89 89	191	4763 09	647	5201 70 09	* 419
4744 60 86	* 322	4751 19 09	194	4766 02	# 277	5201 89 82	* 234
4744 60 89	322	4751 20 45	* 488	4766 09	# 277	5201 89 89	* 234
4744 89 82	194	4751 20 89	* 488	4766 19 09	194	5201 99 09	* 234
4744 89 89	194	4751 60 39	325	4766 19 39	* 194	5202 60 89	* 356
4745 20	522	4751 60 49	325	4766 19 49	* 194	5202 60 99	* 356
4745 20 45	* 522	4751 60 59	325	4768 05	672	5202 70 09	* 418
4745 20 89	* 522	4751 60 66	* 321	4769 05	671	5202 89 82	* 234
4745 21	522	4751 60 69	321	4770 05	672	5202 89 89	* 234
4746 02	# 277	4751 60 76	* 321	4770 09	672	5202 99 09	* 234
4746 09	# 277	4751 60 79	321	4770 15	673	5203 60 89	* 356
4746 14 04	195	4751 60 86	* 321	4773 05	673	5203 60 99	* 356
4746 16 06	195	4751 60 89	321	4775 05	673	5203 70 09	* 419
4746 19 09	195	4751 71 03	* 383	4775 15	673	5203 89 82	* 234
4746 60 86	* 322	4751 71 04	383	4780 05	682	5203 89 89	* 234
4746 60 89	322	4751 71 06	383	4780 09	682	5203 99 09	* 234
4746 89 82	195	4751 71 09	383	4781 05	682	5204 60 89	* 357
4746 89 89	195	4751 72 03	* 383	4784 05	672	5204 60 99	* 357
4747 00 01	436	4751 72 04	383	4786 19 49	231	5204 70 09	* 419
4747 00 02	436	4751 72 06	383	4786 49	# 307	5204 89 82	* 234
4747 00 69	436	4751 72 09	383	4786 71 09	416	5204 89 89	* 234
4747 71 03	* 384	4751 89 82	194	4789 05	671	5204 99 09	* 234
4747 71 04	384	4751 89 89	194	4790 05	682	5205 60 89	* 356
4747 71 06	384	4752 60 39	325	4796 40	714	5205 60 99	* 356
4747 71 09	384	4752 60 49	325	5006 99 40	714	5205 70 09	* 418
4748 00 01	436	4752 60 59	325	5031	22	5205 89 82	* 233
4748 00 02	436	4752 60 86	* 322	5031 01	22	5205 89 89	* 233
4748 00 69	436	4752 60 89	322	5031 50	22	5205 99 09	* 233
4748 71 03	* 385	4752 71 03	* 384	5032 03	22	5206 60 89	* 355
4748 71 04	385	4752 71 04	384	5034 04	31	5206 60 99	* 355
4748 71 06	385	4752 71 06	384	5035	30	5206 70 09	* 418
4748 71 09	385	4752 71 09	384	5035 01	30	5206 89 82	* 233
4749 02	# 274	4752 72 03	* 384	5035 03	30	5206 89 89	* 233
4749 03	# 279	4752 72 04	384	5035 20	112	5206 99 09	* 233
4749 04	# 279	4752 72 06	384	5036	22	5580 01	722
4749 05	# 279	4752 72 09	384	5038 08	31	5581 01	720
4749 09	# 274	4753 00 01	435	5041 01	700	5582 01	723

**PRODUCT SUMMARY**



ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
5680 01	722	6347 90 04 #	441	67 6510 89 89 *	200	67 6876 20 89 *	490
5681 01	721	6347 90 11 #	441	67 6510 90 04	440	67 6876 60 12	328
5682 01	723	6710 09 02 #	305	67 6510 90 11	440	67 6876 60 13	328
5683 01	723	6710 09 09 #	305	67 6574 00 01	440	67 6876 60 14	328
5684 01	720	67 1009 14 04	229	67 6574 00 04	440	67 6876 60 86 *	326
5780 01	723	67 1009 16 06	229	67 6574 00 07	482	67 6876 60 89	326
5781 01	721	67 1009 19 09	229	67 6575 00 01	440	67 6876 89 62	201
5782 01	724	6710 09 20	540	67 6575 00 02	440	67 6876 89 63	201
5783 01	722	6710 09 21	540	67 6575 00 62	441	67 6876 89 82	199
5784 01	721	67 1009 60 86 *	352	67 6575 00 63	441	67 6876 89 89	199
5785 01	722	67 1009 60 89	352	67 6575 00 69	440	67 6877 60 86 *	327
5786 01	721	67 1009 89 82	229	67 6575 70 03 *	388	67 6877 60 89	327
6118 91 05	674	67 1009 89 89	229	67 6575 70 04	388	67 6877 71 03 *	389
6119 60 05	674	67 1044 00 01	468	67 6575 70 06	388	67 6877 71 04	389
6119 61 05	674	67 1044 00 04	468	67 6575 70 09	388	67 6877 71 06	389
6119 63 05	690	67 1045 00 01	468	67 6576 00 62	201	67 6877 71 09	389
6130 72 15	679	67 1045 00 02	468	67 6576 00 63	201	6768 79	523
6130 75 15	679	67 1045 00 69	468	6765 76 01 #	282	6768 79 01	523
6130 76 15	675	67 1045 70 03 *	415	6765 76 02 #	282	67 6879 20 45 *	523
6130 77 15	675	67 1045 70 04	415	6765 76 09 #	282	67 6879 20 89 *	523
6131 72 15	676	67 1045 70 06	415	67 6576 14 04	200	7500 00 04	893
6131 76 15	677	67 1045 70 09	415	67 6576 16 06	200	7500 00 05	893
6147 40 15	670	6745 64 15	674	67 6576 19 09	200	7500 00 07	894
6150 76 15	678	6760 06 40	712	67 6576 20 45 *	490	7500 00 08	893
6161 02 02 #	281	67 6509 00 02	440	67 6576 20 89 *	490	7501 00 09	890
6161 02 09 #	281	67 6509 00 69	440	67 6576 60 12	328	7501 00 10	890
6161 03 02 #	280	67 6509 00 73	441	67 6576 60 13	328	7501 00 12	893
6161 03 09 #	280	67 6509 00 77	441	67 6576 60 14	328	7501 00 14 *	891
61 6103 60 86 *	326	67 6509 00 82	441	67 6576 60 86 *	327	7501 00 15	890
61 6103 60 89	326	6765 09 02 #	282	67 6576 60 89	327	7501 00 16	891
61 6114 00 01	438	6765 09 09 #	282	67 6576 89 62	201	7504 00 01	796
61 6114 00 04	438	6765 09 13 #	283	67 6576 89 63	201	7504 00 03	836
61 6114 01 01	439	6765 09 14 #	283	67 6576 89 82	200	7504 00 04	892
61 6114 01 04	439	6765 09 15 #	283	67 6576 89 89	200	7504 10 04 *	826
61 6115 00 01	438	67 6509 19 09	200	67 6577 71 03 *	390	7504 20 04 *	827
61 6115 00 02	438	67 6509 19 13	201	67 6577 71 04	390	7514 10 00	811
61 6115 00 69	438	67 6509 19 14	201	67 6577 71 06	390	7514 10 34 *	599
61 6115 01 01	439	67 6509 19 15	201	67 6577 71 09	390	7514 11 00	811
61 6115 01 02	439	67 6509 20 03 *	491	6765 79	524	7514 11 34 *	599
61 6115 01 69	439	67 6509 20 07 *	491	6765 79 01	524	7514 11 50 *	828
6161 76 02 #	281	67 6509 20 22 *	491	67 6579 20 45 *	524	7514 11 55 *	828
6161 76 09 #	281	67 6509 20 45 *	490	67 6579 20 89 *	524	7514 11 60 *	828
61 6703 19 09	199	67 6509 20 89 *	490	67 6583 20 45 *	490	7514 11 65 *	828
61 6703 20 45 *	489	67 6509 60 13	328	67 6583 20 89 *	490	7514 12 26 *	808
61 6703 20 89 *	489	67 6509 60 14	328	67 6583 60 86 *	328	7514 12 29	808
61 6703 60 86 *	326	67 6509 60 15	328	67 6583 60 89	328	7514 13 26 *	807
61 6703 60 89	326	67 6509 60 86 *	327	6768 72 02 #	283	7514 13 29	807
61 6703 89 82 *	199	67 6509 60 89	327	6768 72 09 #	283	7514 18 30 *	599
61 6703 89 89	199	67 6509 70 09	389	67 6874 00 01	439	7514 18 35 *	599
61 6715 70 03 *	387	67 6509 70 13	391	67 6874 00 04	439	7514 18 50 *	828
61 6715 70 04	387	67 6509 70 14	391	67 6874 00 07	482	7514 18 55 *	828
61 6715 70 06	387	67 6509 70 15	391	67 6875 00 01	439	7514 18 60 *	827
61 6715 70 09	387	67 6509 89 13	201	67 6875 00 02	439	7514 18 65 *	827
61 6733 14 04	199	67 6509 89 14	201	67 6875 00 62	441	7514 19 30 *	599
61 6733 16 06	199	67 6509 89 15	201	67 6875 00 63	441	7514 19 35 *	599
61 6733 19 09	199	67 6509 89 82	200	67 6875 00 69	439	7514 20 00	820
61 6733 60 86 *	326	67 6509 89 89	200	67 6875 70 03 *	388	7514 20 34 *	600
61 6733 60 89	326	67 6510 00 02	440	67 6875 70 04	388	7514 21 00	821
6167 54 02 #	281	67 6510 00 69	440	67 6875 70 06	388	7514 21 34 *	600
6167 54 09 #	281	67 6510 14 04 *	200	67 6875 70 09	388	7514 21 50 *	828
6330 23	33	67 6510 16 06 *	200	67 6876 00 62	201	7514 21 55 *	828
6347 00 01 #	441	67 6510 19 09 *	200	67 6876 00 63	201	7514 21 60 *	828
6347 00 02 #	441	67 6510 60 86 *	327	6768 76 01 #	282	7514 21 65 *	828
6347 00 69 #	441	67 6510 60 89 *	327	6768 76 02 #	281	7514 22 26 *	808
6347 02 #	283	67 6510 70 03 *	389	6768 76 09 #	281	7514 22 29	808
6347 09 #	283	67 6510 70 04 *	389	67 6876 14 04	199	7514 23 26 *	807
6347 14 04 #	202	67 6510 70 06 *	389	67 6876 16 06	199	7514 23 29	807
6347 16 06 #	202	67 6510 70 09 *	389	67 6876 19 09	199	7514 28 30 *	600
6347 19 09 #	202	67 6510 89 82 *	200	67 6876 20 45 *	490	7514 28 35 *	600

ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
7514 28 50	* 828	7516 13 80	733	7516 27 74	797	7516 46 85	# 803
7514 28 55	* 828	7516 13 85	733	7516 27 75	797	7516 46 89	# 803
7514 28 60	* 828	7516 15 90	* 573	7516 27 80	796	7516 47 70	797
7514 28 65	* 828	7516 15 92	* 574	7516 27 85	796	7516 47 73	797
7514 29 30	* 600	7516 15 93	573	7516 28 65	* 827	7516 47 74	797
7514 29 35	* 600	7516 15 94	* 572	7516 28 69	* 827	7516 47 75	797
7514 30 34	* 600	7516 15 99	572	7516 30 90	* 575	7516 47 80	797
7514 31 34	* 600	7516 16 12	# 802	7516 30 92	* 575	7516 47 85	797
7514 31 50	* 829	7516 16 19	# 802	7516 30 93	575	7516 86 90	* 577
7514 31 55	* 829	7516 16 42	802	7516 30 94	* 574	7516 86 92	* 577
7514 31 60	* 828	7516 16 43	802	7516 30 99	574	7516 86 93	576
7514 31 65	* 828	7516 16 44	802	7516 33 70	734	7516 86 94	* 576
7514 32 26	* 808	7516 16 49	802	7516 33 73	734	7516 86 99	576
7514 32 29	808	7516 16 83	# 802	7516 33 74	734	7516 87 12	# 806
7514 33 26	* 807	7516 16 85	# 802	7516 33 75	734	7516 87 19	# 806
7514 33 29	807	7516 16 89	# 802	7516 33 80	734	7516 87 42	806
7514 38 30	* 600	7516 17 70	796	7516 33 85	734	7516 87 43	806
7514 38 35	* 600	7516 17 73	796	7516 35 90	* 573	7516 87 44	806
7514 38 50	* 829	7516 17 74	796	7516 35 92	* 574	7516 87 49	806
7514 38 55	* 829	7516 17 75	796	7516 35 93	573	7516 87 83	# 806
7514 38 60	* 828	7516 17 80	796	7516 35 94	* 572	7516 87 85	# 806
7514 38 65	* 828	7516 17 85	796	7516 35 99	572	7516 87 89	# 806
7514 39 30	* 600	7516 18 65	* 826	7516 37 70	797	7516 88 70	799
7514 39 35	* 600	7516 18 69	* 826	7516 37 73	797	7516 88 73	799
7514 40 34	* 600	7516 20 12	# 735	7516 37 74	797	7516 88 74	799
7514 41 34	* 601	7516 20 19	# 735	7516 37 75	797	7516 88 75	799
7514 41 50	* 829	7516 20 42	735	7516 37 80	797	7516 88 80	799
7514 41 55	* 829	7516 20 43	735	7516 37 85	797	7516 88 85	799
7514 41 60	* 829	7516 20 44	735	7516 40 12	# 735	7519 10 00	824
7514 41 65	* 829	7516 20 49	735	7516 40 19	# 735	7519 11 00	824
7514 42 26	* 809	7516 20 83	# 735	7516 40 42	735	7519 20 00	825
7514 42 29	809	7516 20 85	# 735	7516 40 43	735	7519 21 00	825
7514 43 26	* 808	7516 20 89	# 735	7516 40 44	735	7521 20 06	872
7514 43 29	808	7516 20 90	* 575	7516 40 49	735	7521 30 06	863
7514 48 30	* 600	7516 20 92	* 575	7516 40 83	# 735	7521 40 06	872
7514 48 35	* 600	7516 20 93	575	7516 40 85	# 735	7521 40 07	872
7514 48 50	* 829	7516 20 94	* 574	7516 40 89	# 735	7521 40 08	871
7514 48 55	* 829	7516 20 99	574	7516 40 90	* 575	7521 60 01	593
7514 48 60	* 829	7516 21 12	# 736	7516 40 92	* 575	7521 80 01	871
7514 48 65	* 829	7516 21 19	# 736	7516 40 93	575	7524 10 03	* 859
7514 49 30	* 601	7516 21 42	736	7516 40 94	* 574	7524 10 04	* 859
7514 49 35	* 601	7516 21 43	736	7516 40 99	574	7526 11 12	# 856
7516 10 12	# 735	7516 21 44	736	7516 41 12	# 736	7526 11 19	# 856
7516 10 19	# 735	7516 21 49	736	7516 41 19	# 736	7526 11 26	* 857
7516 10 42	735	7516 21 83	# 736	7516 41 42	736	7526 11 29	857
7516 10 43	735	7516 21 85	# 736	7516 41 43	736	7526 11 42	857
7516 10 44	735	7516 21 89	# 736	7516 41 44	736	7526 11 43	857
7516 10 49	735	7516 23 70	734	7516 41 49	736	7526 11 44	857
7516 10 83	# 734	7516 23 73	734	7516 41 83	# 736	7526 11 49	857
7516 10 85	# 734	7516 23 74	734	7516 41 85	# 736	7526 11 52	856
7516 10 89	# 734	7516 23 75	734	7516 41 89	# 736	7526 11 59	856
7516 10 90	* 575	7516 23 80	733	7516 43 70	734	7526 11 71	* 857
7516 10 92	* 575	7516 23 85	733	7516 43 73	734	7526 11 73	857
7516 10 93	575	7516 25 90	* 573	7516 43 74	734	7526 11 75	857
7516 10 94	* 574	7516 25 92	* 574	7516 43 75	734	7526 11 79	857
7516 10 99	574	7516 25 93	573	7516 43 80	734	7526 11 83	856
7516 11 12	# 736	7516 25 94	* 572	7516 43 85	734	7526 11 85	856
7516 11 19	# 736	7516 25 99	572	7516 45 90	* 573	7526 11 89	856
7516 11 42	736	7516 26 12	# 802	7516 45 92	* 574	7526 12 12	# 857
7516 11 43	736	7516 26 19	# 802	7516 45 93	573	7526 12 19	# 857
7516 11 44	736	7516 26 42	803	7516 45 94	* 572	7526 12 26	* 857
7516 11 49	736	7516 26 43	803	7516 45 99	572	7526 12 29	857
7516 11 83	# 736	7516 26 44	803	7516 46 12	# 803	7526 12 42	858
7516 11 85	# 736	7516 26 49	803	7516 46 19	# 803	7526 12 43	858
7516 11 89	# 736	7516 26 83	# 802	7516 46 42	803	7526 12 44	858
7516 13 70	733	7516 26 85	# 802	7516 46 43	803	7526 12 49	858
7516 13 73	733	7516 26 89	# 802	7516 46 44	803	7526 12 52	857
7516 13 74	733	7516 27 70	797	7516 46 49	803	7526 12 59	857
7516 13 75	733	7516 27 73	797	7516 46 83	# 803	7526 12 71	* 858

**PRODUCT SUMMARY**



ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
7526 12 73	858	7534 10 05	886	7564 31 30	* 602	7574 00 12	844
7526 12 75	858	7534 10 06	886	7564 31 34	602	7574 00 13	844
7526 12 79	858	7534 20 01	885	7564 31 35	602	7586 00 12	# 848
7526 12 83	857	7541 40 03	864	7564 31 50	* 831	7586 00 19	# 848
7526 12 85	857	7541 40 04	864	7564 31 55	* 831	7586 00 26	* 848
7526 12 89	857	7542 40 04	865	7564 31 60	* 831	7586 00 29	848
7526 15 12	# 855	7544 11 12	# 861	7564 31 65	* 831	7586 00 42	848
7526 15 19	# 855	7544 11 19	# 861	7564 40 01	591	7586 00 43	848
7526 15 26	* 855	7544 11 26	* 861	7564 80 01	592	7586 00 44	848
7526 15 29	855	7544 11 29	861	7566 27 26	* 809	7586 00 49	848
7526 15 42	855	7544 11 42	861	7566 27 29	809	7586 00 52	848
7526 15 43	855	7544 11 43	861	7566 27 70	800	7586 00 59	848
7526 15 44	855	7544 11 44	861	7566 27 73	800	7586 00 71	* 848
7526 15 49	855	7544 11 49	861	7566 27 74	800	7586 00 73	848
7526 15 52	854	7544 11 52	861	7566 27 75	800	7586 00 75	848
7526 15 59	854	7544 11 59	861	7566 27 80	800	7586 00 79	848
7526 15 71	* 855	7544 11 71	* 861	7566 27 85	800	7586 00 83	848
7526 15 73	855	7544 11 73	861	7566 35 90	* 579	7586 00 85	848
7526 15 75	855	7544 11 75	861	7566 35 92	* 579	7586 00 89	848
7526 15 79	855	7544 11 79	861	7566 35 93	579	7590 00 19	882
7526 15 83	854	7544 11 83	861	7566 35 94	* 578	7590 00 20	894
7526 15 85	854	7544 11 85	861	7566 35 99	578	7590 00 21	845
7526 15 89	854	7544 11 89	861	7566 36 90	* 581	7590 00 32	604
7526 16 12	# 856	7544 12 12	# 862	7566 36 92	* 582	7590 00 34	847
7526 16 19	# 856	7544 12 19	# 862	7566 36 93	581	7590 00 35	846
7526 16 26	* 856	7544 12 26	* 862	7566 36 94	* 580	7590 00 46	868
7526 16 29	856	7544 12 29	862	7566 36 99	580	7590 00 47	873
7526 16 42	856	7544 12 42	862	7566 37 26	* 810	7590 00 48	873
7526 16 43	856	7544 12 43	862	7566 37 29	810	7590 00 49	873
7526 16 44	856	7544 12 44	862	7566 37 70	801	7590 00 50	866
7526 16 49	856	7544 12 49	862	7566 37 73	801	7590 00 52	866
7526 16 52	855	7544 12 52	862	7566 37 74	801	7590 00 53	865
7526 16 59	855	7544 12 59	862	7566 37 75	801	7590 00 54	867
7526 16 71	* 856	7544 12 71	* 862	7566 37 80	801	7590 00 55	866
7526 16 73	856	7544 12 73	862	7566 37 85	801	7590 00 57	865
7526 16 75	856	7544 12 75	862	7566 45 90	* 579	7590 00 60	894
7526 16 79	856	7544 12 79	862	7566 45 92	* 579	7590 00 66	891
7526 16 83	855	7544 12 83	862	7566 45 93	579	7590 00 67	891
7526 16 85	855	7544 12 85	862	7566 45 94	* 578	7590 00 68	890
7526 16 89	855	7544 12 89	862	7566 45 99	578	7590 00 72	144
7526 20 01	858	7549 00 01	863	7566 46 90	* 581	7590 00 73	144
7526 40 01	858	7549 20 02	863	7566 46 92	* 582	7590 00 74	144
7531 00 02	874	7550 00 02	882	7566 46 93	581	7590 00 75	144
7531 10 08	877	7551 40 01	884	7566 46 94	* 580	7590 00 76	144
7531 10 09	* 877	7552 40 01	884	7566 46 99	580	7590 00 77	144
7531 10 10	* 878	7563 00 04	894	7566 55 90	* 579	7590 00 80	582
7531 20 08	875	7563 00 05	* 850	7566 55 92	* 579	7590 00 81	582
7531 20 12	882	7564 20 01	591	7566 55 93	579	7590 00 82	582
7531 20 13	878	7564 20 30	* 601	7566 55 94	* 578	7590 40 01	103
7531 30 05	880	7564 20 34	601	7566 55 99	578	7590 40 02	103
7531 30 06	* 879	7564 20 35	601	7566 56 90	* 581	7591 00 01	867
7531 40 11	880	7564 20 50	* 830	7566 56 92	* 582	7591 00 02	873
7531 40 15	875	7564 20 55	* 830	7566 56 93	581	7591 00 03	847
7531 40 16	876	7564 20 60	* 830	7566 56 94	* 580	7594 01 01	844
7531 40 18	881	7564 20 65	* 830	7566 56 99	580	7594 01 03	844
7531 40 19	874	7564 21 30	* 601	7566 57 26	* 810	7594 01 04	844
7531 40 21	879	7564 21 34	601	7566 57 29	810	7594 01 05	844
7531 40 22	881	7564 21 35	601	7566 57 70	801	7594 02 12	# 893
7531 60 02	876	7564 21 50	* 830	7566 57 73	801	7594 02 19	# 893
7531 60 03	881	7564 21 55	* 830	7566 57 74	801	7594 02 26	* 894
7531 80 03	874	7564 21 60	* 830	7566 57 75	801	7594 02 29	894
7531 80 04	875	7564 21 65	* 830	7566 57 80	801	7594 02 42	894
7531 80 05	876	7564 30 30	* 602	7566 57 85	801	7594 02 43	894
7531 80 08	881	7564 30 34	602	7571 00 03	880	7594 02 44	894
7533 00 01	887	7564 30 35	602	7571 00 04	845	7594 02 49	894
7533 60 01	887	7564 30 50	* 831	7571 00 05	846	7594 02 52	893
7534 10 01	885	7564 30 55	* 831	7571 00 06	847	7594 02 59	893
7534 10 03	885	7564 30 60	* 831	7571 00 36	* 845	7594 02 71	* 894
7534 10 04	886	7564 30 65	* 831	7573 00 10	895	7594 02 73	894

ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
7594 02 75	894	8514 21 89	* 52	9050	901	9 1828 25 78	628
7594 02 79	894	8514 51 31	* 768	9051 50	901	9 1828 25 91	628
7594 02 83	893	8514 51 39	* 768	9103 01	902	9 1828 25 95	628
7594 02 85	893	8514 61 31	* 769	9103 12	903	9 1828 25 97	628
7594 02 89	893	8514 61 39	* 769	9107	903	9 1828 25 99	628
7594 04 02	143	8516 51 00	* 785	9108	903	918 44	631
7594 04 03	143	8516 61 00	* 786	9 1151 25 01	629	918 53	632
7594 04 04	143	8522 11 00	* 120	9 1151 25 05	629	918 83	630
7594 04 09	143	8524 11 31	* 120	9 1151 25 07	629	918 87	630
7594 04 83	143	8524 11 39	* 120	9 1151 25 09	629	9 1915 01	631
7594 04 85	143	8524 51 31	* 778	9 1151 25 10	629	9 1915 02	631
7594 04 89	143	8524 51 39	* 778	9 1151 25 11	629	919 33	631
7594 10 01	143	8526 51 00	* 788	9 1151 25 15	629	9 1988 25 02	628
7596 00 01	# 806	8527 51 00	* 789	9 1151 25 17	629	9 1988 25 05	628
7596 00 02	# 806	8532 01 00	* 87	9 1151 25 19	629	9 1988 25 06	628
7596 00 03	806	8534 11 31	* 88	9 1151 25 20	629	9200 01	895
7596 00 04	806	8534 11 39	* 88	9 1152 25 25	629	9214 01	898
7596 00 05	806	8534 12 31	* 88	9 1152 25 29	629	9219	749
7596 00 06	806	8534 12 39	* 88	9 1152 25 55	629	9251 01	130
7596 00 07	# 806	8534 21 31	* 89	9 1152 25 59	629	9251 02	130
7596 00 08	# 806	8534 21 39	* 89	9 1152 25 65	629	9252	900
7596 00 09	# 806	8534 22 31	* 88	9 1152 25 69	629	9253 01	900
7599 10 00	824	8534 22 39	* 88	9155	901	9253 02	900
7599 11 00	824	8534 51 31	* 774	9 1803 25 05	627	9254	904
7599 12 00	825	8534 51 39	* 774	9 1803 25 07	627	9259	904
7599 13 00	824	8534 61 31	* 775	9 1803 25 09	627	9 2600 25 05	626
7599 20 00	826	8534 61 39	* 775	9 1803 25 68	627	9 2600 25 09	626
7599 21 00	826	8536 51 00	* 776	9 1819 25 07	627	9 2871 25 71	620
7599 22 00	826	8536 51 99	* 777	9 1819 25 10	627	9 2871 25 75	620
818 36	631	8536 52 00	* 776	9 1819 25 11	627	9 2871 25 77	620
8 1836 01	631	8542 11 00	* 53	9 1819 25 15	627	9 2871 25 79	620
8 1836 02	631	8542 12 00	* 53	9 1819 25 19	627	9 2876 25 01	620
818 37	631	8542 21 00	* 54	9 1819 25 24	627	9 2876 25 05	620
8 4185 25	611	8547 51 00	* 788	9 1819 25 68	627	9 2876 25 07	620
8 4185 25 21	611	8560 51 00	* 779	918 20	630	9 2876 25 09	620
8 4185 25 22	611	8560 61 00	* 780	9 1820 01	630	9 2876 25 10	620
8 4185 25 25	611	8560 71 00	* 780	9 1825 25 06	630	9 2876 25 24	620
8 4185 25 26	611	8560 81 00	* 781	9 1825 25 10	630	9 2876 25 68	620
8 4516 25 68	629	8564 81 31	* 769	9 1825 25 11	630	9 2891 25 01	621
8 4558 25 05	624	8564 81 39	* 769	9 1825 25 12	630	9 2891 25 05	621
8 4558 25 07	624	8565 51 31	* 782	9 1825 25 15	630	9 2891 25 06	621
8 4558 25 09	624	8565 51 39	* 782	9 1825 25 24	630	9 2891 25 09	621
8 4558 25 10	624	8565 52 31	* 781	9 1825 25 68	630	9 3652 25 01	617
8 4563 25 03	623	8565 52 39	* 781	9 1826 25 07	627	9 3652 25 05	617
8 4563 25 06	623	8565 61 31	* 783	9 1826 25 10	627	9 3652 25 07	617
8 4571 25 01	626	8565 61 39	* 783	9 1826 25 11	627	9 3652 25 09	617
8 4571 25 03	626	8565 62 31	* 782	9 1826 25 15	627	9 3652 25 10	617
8 4571 25 05	626	8565 62 39	* 782	9 1826 25 19	627	9 3652 25 24	617
8 4571 25 07	626	8574 11 31	* 121	9 1826 25 24	627	9 3652 25 68	617
8 4571 25 09	626	8574 11 39	* 121	9 1826 25 58	627	9 3653 25 01	621
8502 01 00	* 789	8574 51 31	* 779	9 1827 25 01	627	9 3653 25 05	621
8505 01 00	* 790	8574 51 39	* 779	9 1827 25 05	627	9 3653 25 07	621
8510 51 00	* 786	8574 52 31	* 771	9 1827 25 07	627	9 3653 25 09	621
8512 11 00	* 51	8574 52 39	* 771	9 1827 25 09	627	9 3653 25 10	621
8512 12 00	* 51	8580 11 00	* 783	9 1827 25 10	627	9 3653 25 24	621
8512 22 00	* 52	8580 12 00	* 784	9 1827 25 24	627	9 3653 25 68	621
8514 11 31	* 52	8586 51 00	* 787	9 1827 25 58	627	9 3655 25 01	618
8514 11 39	* 52	8587 51 00	* 787	9 1827 25 68	628	9 3655 25 05	618
8514 11 82	* 52	8587 61 00	* 592	9 1827 25 91	628	9 3655 25 07	618
8514 11 83	* 52	8587 62 00	* 785	9 1827 25 95	628	9 3655 25 09	618
8514 11 85	* 52	8590 02 00	* 777	9 1827 25 97	628	9 3655 25 10	618
8514 11 88	* 52	8 6254 25 01	613	9 1827 25 99	628	9 3655 25 24	618
8514 11 89	* 52	8 6254 25 05	613	9 1828 25 01	628	9 3655 25 68	618
8514 21 31	* 53	8 6254 25 07	613	9 1828 25 05	628	9 3656 25 01	616
8514 21 39	* 53	8 6254 25 09	613	9 1828 25 07	628	9 3656 25 05	616
8514 21 82	* 52	8 6254 25 10	613	9 1828 25 09	628	9 3656 25 07	616
8514 21 83	* 52	8 6263 25 02	* 613	9 1828 25 10	628	9 3656 25 09	616
8514 21 85	* 52	8 6263 25 03	* 613	9 1828 25 24	628	9 3656 25 10	616
8514 21 88	* 52	9020	898	9 1828 25 68	628	9 3656 25 24	616

**PRODUCT SUMMARY**



ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE	ORDER NO.	PAGE
9 3656 25 68	616	9450 02 00	758	9 6184 25 02	611		
9 3657 25 01	616	9 4511 15	622	9 6184 25 05	611		
9 3657 25 05	616	9 4511 25 11	622	9 6184 25 06	611		
9 3657 25 07	616	9 4511 25 12	622	9 6185 05	612		
9 3657 25 09	616	9 4511 25 15	622	9 6185 25 01	612		
9 3657 25 10	616	9 4511 25 16	622	9 6185 25 02	612		
9 3657 25 24	616	9 4516 25 01	629	9 6185 25 05	612		
9 3657 25 68	616	9 4516 25 05	629	9 6185 25 06	612		
9 3671 25 01	618	9 4516 25 07	629	9 6194 05	612		
9 3671 25 05	618	9 4516 25 09	629	9 6194 25 01	612		
9 3671 25 07	618	9 4516 25 10	629	9 6194 25 02	612		
9 3671 25 09	618	9 4516 25 24	629	9 6194 25 05	612		
9 3671 25 10	618	9 4517 05	626	9 6194 25 06	612		
9 3671 25 24	618	9 4517 25 01	626	9 6195 05	613		
9 3671 25 68	618	9 4517 25 05	626	9 6195 25 01	613		
9 3675 25 01	619	9 4517 25 07	626	9 6195 25 02	613		
9 3675 25 05	619	9 4517 25 09	626	9 6195 25 05	613		
9 3675 25 07	619	9 4519 05	622	9 6195 25 06	613		
9 3675 25 09	619	9 4519 25 01	622	9 6249 05	615		
9 3675 25 10	619	9 4519 25 02	622	9 6249 25 01	615		
9 3675 25 24	619	9 4519 25 05	622	9 6249 25 02	615		
9 3675 25 68	619	9 4519 25 06	622	9 6249 25 05	615		
9 3752 25 01	617	9455 01 00	759	9 6249 25 06	615		
9 3752 25 05	617	9455 02 00	754	9 6251 25 02	* 614		
9 3752 25 07	617	9 4557 05	624	9 6251 25 03	* 614		
9 3752 25 09	617	9 4557 25 05	624	9 6251 25 05	* 614		
9 3752 25 10	617	9 4557 25 07	624	9 6256 05	614		
9 3752 25 24	617	9 4557 25 09	624	9 6256 25 01	614		
9 3752 25 68	617	9 4559 05	623	9 6256 25 02	614		
9 3762 25 10	618	9 4559 25 05	623	9 6256 25 05	614		
9 3762 25 24	618	9 4559 25 07	623	9 6256 25 06	614		
9 3762 25 31	618	9 4559 25 09	623	9 6257 25 01	612		
9 3762 25 35	618	9 4560 05	622	9 6257 25 02	612		
9 3762 25 39	618	9 4560 25 01	622	9 6257 25 03	612		
9 3762 25 68	618	9 4560 25 02	622	9 6257 25 05	612		
9 3772 25 01	619	9 4560 25 05	622	9 6257 25 06	612		
9 3772 25 05	619	9 4560 25 06	622	9 6259 25 01	615		
9 3772 25 07	619	9 4561 25 02	622	9 6259 25 02	615		
9 3772 25 09	619	9 4581 25 01	622	9 6259 25 03	615		
9405 01 00	757	9 4581 25 02	622	9 6259 25 05	615		
9 4185 05	610	9 4581 25 03	622	9 6259 25 06	615		
9 4185 25 01	610	9 4581 25 05	622	9 6262 05	615		
9 4185 25 02	610	9 4581 25 06	622	9 6262 25 01	615		
9 4185 25 05	610	9460 01 00	760	9 6262 25 02	615		
9 4185 25 06	610	9465 01 00	759	9 6262 25 05	615		
9 4195 05	610	9 4778 25 01	610	9 6262 25 06	615		
9 4195 25 01	610	9 4778 25 02	610	9 6272 05	614		
9 4195 25 02	610	9 4778 25 03	610	9 6272 25 01	614		
9 4195 25 05	610	9 4778 25 05	610	9 6272 25 02	614		
9 4195 25 06	610	9 4778 25 06	610	9 6272 25 05	614		
9420 00 02	748	9 4779 25 01	611	9 6272 25 06	614		
9420 00 69	748	9 4779 25 02	611				
9420 02	# 748	9 4779 25 03	611				
9420 09	# 748	9 4779 25 05	611				
9420 14 04	748	9 4779 25 06	611				
9420 16 06	748	9490 01 00	757				
9420 19 09	748	9498 02 02	743				
9420 60 86	* 748	9498 11 02	744				
9420 60 89	748	9498 11 30	744				
9420 70 03	* 748	9498 27 30	743				
9420 70 04	748	9498 28 02	744				
9420 70 06	748	9498 29 01	810				
9420 70 09	748	9498 30 02	810				
9420 89 82	748	9498 31 03	811				
9420 89 89	748	9498 32 04	811				
9420 90 04	748	9498 33 02	744				
9420 90 11	748	9498 33 30	744				
9430 01 00	750	9 6184 05	611				
9450 01 00	758	9 6184 25 01	611				