



# Catalogue



The right  
product  
for each  
application!



## Hotels

Pre-manufactured houses

Industrial buildings

Municipal facilities

Logistics buildings

Care equipment

Commercial constructions

Cruise ships

Family houses

Multi-family houses

Hospitals

Logistics buildings











Article Designation	Colour	Packed	Article no.	Code no.
---------------------	--------	--------	-------------	----------


The Easyclick wall transmitters are **battery-free and maintenance-free**, the energy generation is done by push of a button. The transmission of the PEHA Easyclick radio system is done on the European harmonized frequency of 868.3 MHz. On this frequency only products are authorized that transmit merely 1% = 36 seconds per hour. This reduces the risk of interference to a minimum. Modulation type: ASK Amplitude Shiftkeying. The range between transmitter and receiver is in the house about 30 m when penetrating 2 walls. Depending on design, up to 32 transmitters can be programmed to a receiver. Wall-mounting possible with screw or adhesive fastening, as extension of existing flush-mounted combinations, without additional flush-mounted box.

**The Easyclick and WIHOME radio systems are not compatible with each other!**

	<p><b>Easyclick wall transmitter, 2 channel</b> without combination frame, rocker switch with neutral mid-position and label I/O, H = 15 mm</p> <p>STANDARD</p> <p>white pure white</p> <p>Combination frames see page 91.</p>	<p>1 1</p>	<p>D 80.450 FU-BLS w D 80.450.02 FU-BLS</p>	<p>00188613 00188713</p>
	<p><b>Easyclick wall transmitter, 4 channel</b> without combination frame, series bridged rocker switch with neutral mid-position and label I/O, H = 15 mm</p> <p>STANDARD</p> <p>white pure white</p> <p>Combination frames see page 91.</p>	<p>1 1</p>	<p>D 80.455 FU-BLS w D 80.455.02 FU-BLS</p>	<p>00189613 00189713</p>
	<p><b>Easyclick wall transmitter, 2 channel, e. g. for one roller shutter</b> without combination frame, rocker switch with neutral mid-position and label for UP/DOWN, H = 15 mm</p> <p>STANDARD</p> <p>white pure white</p> <p>Combination frames see page 91.</p>	<p>1 1</p>	<p>D 80.450 FU-BLS JR w D 80.450.02 FU-BLS JR</p>	<p>00200113 00200213</p>
	<p><b>Easyclick wall transmitter, 4 channel, e. g. for two roller shutters</b> without combination frame, series bridged rocker switch with neutral mid-position and label for UP/DOWN, H = 15 mm</p> <p>STANDARD</p> <p>white pure white</p> <p>Combination frames see page 91.</p>	<p>1 1</p>	<p>D 80.455 FU-BLS JR w D 80.455.02 FU-BLS JR</p>	<p>00200313 00200413</p>
	<p><b>Easyclick wall transmitter neutral, 2 channel</b> without combination frame, rocker switch with neutral mid-position, without label, H = 15 mm</p> <p>STANDARD</p> <p>white pure white</p> <p>Combination frames see page 91.</p>	<p>1 1</p>	<p>D 80.450 FU-BLS N w D 80.450.02 FU-BLS N</p>	<p>00203913 00204013</p>
	<p><b>Easyclick wall transmitter neutral, 4 channel</b> without combination frame, series bridged rocker switch with neutral mid-position, without label, H = 15 mm</p> <p>STANDARD</p> <p>white pure white</p> <p>Combination frames see page 91.</p>	<p>1 1</p>	<p>D 80.455 FU-BLS N w D 80.455.02 FU-BLS N</p>	<p>00204113 00204213</p>




















Article Designation	Colour	Packed	Article no.	Code no.		
<b>Easyclick wall transmitter, 2 channel</b> without combination frame, rocker switch with neutral mid-position and label I/O, H = 18 mm, with labeling field 7 x 64 mm  Combination frames see page 112. Labeling sheets for printers see page 22.	DIALOG	pure white aluminum	1	D 95.450.02 FU-BLS	00372713	
			1	D 95.450.70 FU-BLS	00372813	
<b>Easyclick wall transmitter, 4 channel</b> without combination frame, series bridged rocker switch with neutral mid-position and label I/O, H = 18 mm, with labeling field 7 x 64 mm  Combination frames see page 112. Labeling sheets for printers see page 22.	DIALOG	pure white aluminum	1	D 95.455.02 FU-BLS	00378813	
			1	D 95.455.70 FU-BLS	00378913	
<b>Easyclick wall transmitter, 2 channel, e. g. for one roller shutter</b> without combination frame, rocker switch with neutral mid-position and label for UP/DOWN, H = 18 mm, with labeling field 7 x 64 mm  Combination frames see page 112. Labeling sheets for printers see page 22.	DIALOG	pure white aluminum	1	D 95.450.02 FU-BLS JR	00372913	
			1	D 95.450.70 FU-BLS JR	00373013	
<b>Easyclick wall transmitter, 4 channel, e. g. for two roller shutters</b> without combination frame, series bridged rocker with neutral center position and label for UP/DOWN, H = 18 mm, with labeling field 7 x 64 mm  Combination frames see page 112. Labeling sheets for printers see page 22.	DIALOG	pure white aluminum	1	D 95.455.02 FU-BLS JR	00379013	
			1	D 95.455.70 FU-BLS JR	00379113	
<b>Easyclick wall transmitter, 2 channel</b> without combination frame, rocker switch with neutral mid-position and label I/O, H = 15 mm  Combination frames see page 124/125/134.	AURA	pure white anthracite aluminum	1	D 20.450.02 FU-BLS	00384413	
			1	D 20.450.21 FU-BLS	00384513	
			1	D 20.450.70 FU-BLS	00384613	
	NOVA brilliance	pure white piano black aluminum	1	D 20.450.022 FU-BLS	00030113	
1	D 20.450.192 FU-BLS	00045113				
1	D 20.450.702 FU-BLS	00060113				
<b>Easyclick wall transmitter, 4 channel</b> without combination frame, series bridged rocker switch with neutral mid-position and label I/O, H = 15 mm  Combination frames see page 124/125/134.	AURA	pure white anthracite aluminum	1	D 20.455.02 FU-BLS	00385713	
			1	D 20.455.21 FU-BLS	00385813	
			1	D 20.455.70 FU-BLS	00385913	
	NOVA brilliance	pure white piano black aluminum	1	D 20.455.022 FU-BLS	00030413	
			1	D 20.455.192 FU-BLS	00045413	
			1	D 20.455.702 FU-BLS	00060413	
<b>Easyclick wall transmitter, 2 channel, e. g. for one roller shutter</b> without combination frame, rocker switch with neutral mid-position and label for UP/DOWN, H = 15 mm  Combination frames see page 124/125/134.	AURA	pure white anthracite aluminum	1	D 20.450.02 FU-BLS JR	00384713	
			1	D 20.450.21 FU-BLS JR	00384813	
			1	D 20.450.70 FU-BLS JR	00384913	
	NOVA brilliance	pure white piano black aluminum	1	D 20.450.022 FU-BLS JR	00030213	
			1	D 20.450.192 FU-BLS JR	00045213	
			1	D 20.450.702 FU-BLS JR	00060213	
<b>Easyclick wall transmitter, 4 channel, e. g. for two roller shutters</b> without combination frame, series bridged rocker switch with neutral mid-position and label for UP/DOWN, H = 15 mm  Combination frames see page 124/125/134.	AURA	pure white anthracite aluminum	1	D 20.455.02 FU-BLS JR	00386013	
			1	D 20.455.21 FU-BLS JR	00386113	
			1	D 20.455.70 FU-BLS JR	00386313	
	NOVA brilliance	pure white piano black aluminum	1	D 20.455.022 FU-BLS JR	00030513	
			1	D 20.455.192 FU-BLS JR	00045513	
			1	D 20.455.702 FU-BLS JR	00060513	
<b>Easyclick wall transmitter neutral, 2 channel</b> without combination frame, rocker with center position, without label, H = 15 mm  Combination frames see page 124/125/134.	AURA	pure white anthracite aluminum	1	D 20.450.02 FU-BLS N	00130113	
			1	D 20.450.21 FU-BLS N	00130213	
			1	D 20.450.70 FU-BLS N	00130313	
	NOVA brilliance	pure white piano black aluminum	1	D 20.450.022 FU-BLS N	00030313	
			1	D 20.450.192 FU-BLS N	00045313	
			1	D 20.450.702 FU-BLS N	00060313	
<b>Easyclick wall transmitter neutral, 4 channel</b> without combination frame, series rocker with center position, without label, H = 15 mm  Combination frames see page 124/125/134.	AURA	pure white anthracite aluminum	1	D 20.455.02 FU-BLS N	00135113	
			1	D 20.455.21 FU-BLS N	00135213	
			1	D 20.455.70 FU-BLS N	00135313	
	NOVA brilliance	pure white piano black aluminum	1	D 20.455.022 FU-BLS N	00030613	
			1	D 20.455.192 FU-BLS N	00045613	
			1	D 20.455.702 FU-BLS N	00060613	




Article Designation	Colour	Packed	Article no.	Code no.
 <p><b>Easyclick intermediate frame, green afterglow</b> for upgrading AURA Easyclick wall transmitters, the intermediate frames can be easily replaced. Afterglow light crystals (free of any radioactivity) are charged by the surrounding light and release the gathered energy in the dark as a light source. The best effect is reached with short wave UV-radiation (ideally sunlight or light with a high UV percentage). Reference value: When illuminated with a power of 400 Lux (medium illumination), at least for 20 min. with a lamp (standard light type D65) similar to daylight, after 12 hours the afterglow density will be higher than the visibility limit of 0.3 mCd/m<sup>2</sup> defined by the DIN standard.</p>	yellow/green	1	D 20.450.56	00130013
	idem, for Easyfit universal wall transmitter	yellow/green	1	D 450.56





### Easyfit universal wall transmitter

The Easyfit universal wall transmitter with inner dimensions 55 x 55 mm fit in all combination frames of common switch manufacturers.




 <p><b>Easyfit universal wall transmitter, 2 channel</b> for combination frame with internal dimension 55 x 55 mm, rocker switch with neutral mid-position and label I/O, H = 15 mm</p>	pure white	1	D 450.02 FU-BLS	00320213
	anthracite	1	D 450.21 FU-BLS	00321613
	aluminum	1	D 450.70 FU-BLS	00323013
	pure white high gloss	1	D 450.022 FU-BLS	00323413
	anthracite high gloss	1	D 450.212 FU-BLS	00324013
 <p><b>Easyfit universal wall transmitter, 4 channel</b> for combination frame with internal dimension 55 x 55 mm, series bridged rocker switch with neutral mid-position and label I/O, H = 15 mm</p>	pure white	1	D 455.02 FU-BLS	00320513
	anthracite	1	D 455.21 FU-BLS	00321813
	aluminum	1	D 455.70 FU-BLS	00323213
	pure white high gloss	1	D 455.022 FU-BLS	00323713
	anthracite high gloss	1	D 455.212 FU-BLS	00324313
 <p><b>Easyfit universal wall transmitter, 2 channel, e. g. for one roller shutter</b> for combination frame with internal dimension 55 x 55 mm, rocker switch with neutral mid-position and label for UP/DOWN, H = 15 mm</p>	pure white	1	D 450.02 FU-BLS JR	00320313
	anthracite	1	D 450.21 FU-BLS JR	00321713
	aluminum	1	D 450.70 FU-BLS JR	00323113
	pure white high gloss	1	D 450.022 FU-BLS JR	00323513
	anthracite high gloss	1	D 450.212 FU-BLS JR	00324113
 <p><b>Easyfit universal wall transmitter, 4 channel, e. g. for two roller shutters</b> for combination frame with internal dimension 55 x 55 mm, series bridged rocker switch with neutral mid-position and label for UP/DOWN, H = 15 mm</p>	pure white	1	D 455.02 FU-BLS JR	00320613
	anthracite	1	D 455.21 FU-BLS JR	00321913
	aluminum	1	D 455.70 FU-BLS JR	00323313
	pure white high gloss	1	D 455.022 FU-BLS JR	00323813
	anthracite high gloss	1	D 455.212 FU-BLS JR	00324413
 <p><b>Easyfit universal wall transmitter, 2 channel</b> for combination frame with internal dimension 55 x 55 mm, rocker switch with neutral mid-position, without label, H = 15 mm</p>	pure white	1	D 450.02 FU-BLS N	00320413
	anthracite	1	D 450.21 FU-BLS N	00322013
	aluminum	1	D 450.70 FU-BLS N	00322113
	pure white high gloss	1	D 450.022 FU-BLS N	00323613
	anthracite high gloss	1	D 450.212 FU-BLS N	00324213
 <p><b>Easyfit universal wall transmitter, 4 channel</b> for combination frame with internal dimension 55 x 55 mm, series bridged rocker switch with neutral mid-position, without label, H = 15 mm</p>	pure white	1	D 455.02 FU-BLS N	00320713
	anthracite	1	D 455.21 FU-BLS N	00322313
	aluminum	1	D 455.70 FU-BLS N	00322413
	pure white high gloss	1	D 455.022 FU-BLS N	00323913
	anthracite high gloss	1	D 455.212 FU-BLS N	00324513
 <p><b>Easyfit mini wall transmitter, 2 channel for single installation</b> Rocker with neutral center position, without label, can be used universally due to the small design, dimensions: 61 x 61 mm, H = 15 mm</p>	pure white high gloss	1	D 450/61.022 FU-BLS N	00343866
 <p><b>Easyfit mini wall transmitter, 4 channel for single installation</b> Rocker with neutral center position, without label, can be used universally due to the small design, dimensions: 61 x 61 mm, H = 15 mm</p>	pure white high gloss	1	D 455/61.022 FU-BLS N	00343886


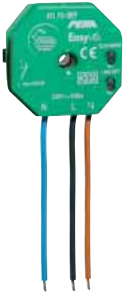


Article Designation	Colour	Packed	Article no.	Code no.		
<b>Easyclick spare adhesive film</b> 5 adhesive films for Easyclick wall transmitter, size: 79 x 79 mm		1 bag	D 45 KF	00579513		
<b>Easyclick wall transmitter Concept 45, 2 channel</b> with full cover plate 116 x 80 mm for single installation, rocker switch with neutral mid-position and label I/O, H = 15 mm.	pure white anthracite aluminum	1 1 1	D 250.02 FU-BLS D 250.21 FU-BLS D 250.70 FU-BLS	00522313 00522913 00523513		
<b>Easyclick wall transmitter Concept 45, 4 channel</b> with full cover plate 116 x 80 mm for single installation, series bridged rocker switch with neutral mid-position and label I/O, H = 15 mm.	pure white anthracite aluminum	1 1 1	D 255.02 FU-BLS D 255.21 FU-BLS D 255.70 FU-BLS	00522613 00523213 00523913		
<b>Easyclick wall transmitter Concept 45, 2 channel, e. g. for one roller shutter</b> with full cover plate 116 x 80 mm for single installation, rocker switch with neutral mid-position and label for UP/DOWN, H = 15 mm.	pure white anthracite aluminum	1 1 1	D 250.02 FU-BLS JR D 250.21 FU-BLS JR D 250.70 FU-BLS JR	00522413 00523013 00523613		
<b>Easyclick wall transmitter Concept 45, 4 channel, e. g. for two roller shutters</b> with full cover plate 116 x 80 mm for single installation, series bridged rocker switch with neutral mid-position and label for UP/DOWN, H = 15 mm.	pure white anthracite aluminum	1 1 1	D 255.02 FU-BLS JR D 255.21 FU-BLS JR D 255.70 FU-BLS JR	00522713 00523313 00524013		
<b>Easyclick wall transmitter Concept 45 neutral, 2 channel</b> with full cover plate 116 x 80 mm for single installation, rocker switch with neutral mid-position, without label.	pure white anthracite aluminum	1 1 1	D 250.02 FU-BLS N D 250.21 FU-BLS N D 250.70 FU-BLS N	00522513 00523113 00523713		
<b>Easyclick wall transmitter Concept 45 neutral, 4 channel</b> with full cover plate 116 x 80 mm for single installation, series bridged rocker switch with neutral mid-position, without label.	pure white anthracite aluminum	1 1 1	D 255.02 FU-BLS N D 255.21 FU-BLS N D 255.70 FU-BLS N	00522813 00523413 00524113		
<b>Easyclick window contact</b> Battery-free radio window/door contact for monitoring the status of windows and doors with Easyclick radio signals over Easyclick receivers <i>Plus</i> . The Easyclick window contact is wireless and completely maintenance-free with internal solar-powered energy storage. Operation possible for several days in the dark. Immediate signal transmission, as soon as a window opens or closes, triggered by a window magnet. The window contact can be mounted on every frame profiles. Due to the wireless radio transmission, the subsequent upgrading is possible with window contacts for an improved security. Compatible with Easyclick receiver <i>Plus</i> and the PHC system. Colour similar RAL 9003, type of protection IP 40. Charge for several hours in daylight before start-up.  Dimensions window contact: L 110 x B 19 x H 15 mm, dimensions magnet: L 23 x B 14 x H 6 mm		1	D 450 FU FK	00367113		
<b>Easyclick hotel card switch</b> Energy-self-sufficient hotel card switch for keeping the hotel card or for switching the power supply per room. Battery-free and maintenance-free Easyclick transmitter for Easyclick receiver <i>Plus</i> and radio interfaces for the building systems technology, for surface-mounting with screw or adhesive mounting for hotel card standard dimensions 55 x 85 mm	AURA pure white anthracite aluminum  NOVA pure white piano black aluminum	1 1 1  1 1 1	D 20.450.02 FU-BLS HC D 20.450.21 FU-BLS HC D 20.450.70 FU-BLS HC  D 20.450.022 FU-BLS HC D 20.450.192 FU-BLS HC D 20.450.702 FU-BLS HC	00381886 00381946 00381966  00381856 00381986 00382046		






	Article Designation	Colour	Packed	Article no.	Code no.
	<p><b>Easyclick module SPV, 2 TE</b>                      The Easyclick module SPV 24 V is designed for the power supply of the Easyclick Modular System. The Easyclick modules are connected to each other with modular connector cables.</p> <p>Technical data:                      DIN-rail mounted device                      36 mm wide (2 TE)                      power supply 220–240 V AC                      output voltage 24 V DC                      output current 1.5 A                      screw terminals for power connection (N, L)                      terminals for the RS485 bus (antenna)                      modular jacks                      protection IP 20</p>		1	D 450 SPV-2REG	00377957
	<p><b>Easyclick actuator</b>                      With the battery-powered bidirectional Easyclick actuator a comfortable heating/cooling control can be realized. For operation from the Easyclick Modular System a switch module (e. g. D 454 FU-SPV 4REG) and the antenna (D 450 ANT) is required. The switch module has a function room temperature control and utilizes the room temperature sensors, window contact/handles, hotel card switch, Sensolux... and after inquiring the actuator sends the required information back to it. The actuator is programmed with a button/LED to the switch module.</p> <p>Technical data:                      power supply voltage: 2 x batteries AA (included in delivery)                      863.3 MHz                      housing: plastic white                      connection: Standard M30 x 1.5 and Danfoss type RA, RAV, RAVL (others upon request)                      max. hub: 4 mm                      operating force: depending on the valve, max. 100 N                      operating time: 3 s/mm                      protection: IP 20                      parameterization: set value, WakeUp timer and Window Open function                      weight: approx. 250 g                      dimensions: 48 x 56 x 81 mm</p>		1	D 451 FU-E MSA	00324853
	<p><b>Easyclick flush-mounted receiver Plus, 1 channel</b>                      Easyclick flush-mounted receiver for switching lights and other electric devices according to various selectable functions and parameters.</p> <p>Standard function: 2-button function.                      Selectable functions: 1-button function, pushbutton, staircase lighting function with settable switching off delay and advance OFF warning, automatic OFF after a settable delay, ventilator control function with delayed ON and automatic switching off, save and activate 4 light scenarios at the touch of a button (one light scenario per button), ventilator control function with window monitoring. For each programmed transmitter a function can be individually set.</p> <p>Connection data: filament lamp (ohmic load) 2500 W                      high voltage halogen lamps 1250 W                      inductive load 600 VA                      electronic ballast 3 pieces</p> <p>Height of casing 28 mm, with fastening clips, IP 20, connection via plug-in terminals, 230 V~, 50 Hz, neutral conductor necessary. Up to 32 transmitters can be programmed.</p>		1	D 451 FU-EP o.T.	00363113




Article Designation	Colour	Packed	Article no.	Code no.		
<p><b>Easyclick flush-mounted receiver Plus, 2 channel</b> Easyclick flush-mounted receiver, 2 channel, (independently programmable) switches lights according to various selectable functions and parameters per channel.</p> <p>Standard function: 2-button function. Selectable functions: 1-button function, pushbutton, staircase lighting function with settable switching off delay and advance OFF warning, automatic OFF after a settable delay, ventilator control function with delayed ON and automatic switching off, save and activate 4 light scenarios at the touch of a button (one light scenario per button), ventilator control function with window monitoring. For each programmed transmitter a function can be individually set.</p> <p>Connection data per channel: filament lamp (ohmic load) 500 W high voltage halogen lamps 100 W inductive load 100 VA electronic ballast 1 piece</p> <p>Height of casing 28 mm, with fastening clips, IP 20, connection via plug-in terminals, 230 V~, 50 Hz, neutral conductor necessary. Up to 32 transmitters can be programmed.</p>		1	D 452 FU-EP o.T.	00363213		
<p><b>Easyclick flush-mounted JR receiver Plus, 2 channel</b> Easyclick flush-mounted receiver controls shutters and blinds according to various selectable functions and parameters.</p> <p>Standard function: UP/STOP/DOWN with adjustment of louver tilt. Selectable functions: UP/STOP/DOWN without adjustment of louver tilt, pushbutton for louver tilt, ON/OFF of sun protection function, security function for blocking, the sun protection function is already integrated for future solutions, 4 positions UP/DOWN for light scenarios. For each programmed transmitter a function can be individually set.</p> <p>Connection data: max. switching capacity 600 VA</p> <p>Height of casing 28 mm, with fastening clips, IP 20, connection via plug-in terminals, 230 V~, 50 Hz, neutral conductor necessary. Up to 32 transmitters can be programmed.</p>		1	D 452 FU-EP JR o.T.	00363313		
<p><b>Easyclick flush-mounted JR receiver Plus, 24 V DC, 2 channel</b> Easyclick flush-mounted receiver controls shutters, blinds and skylights according to various selectable functions and parameters.</p> <p>Standard function: UP/STOP/DOWN with adjustment of louver tilt. Selectable functions: UP/STOP/DOWN without adjustment of louver tilt, pushbutton for louver tilt, ON/OFF of sun protection function, security function for blocking, the sun protection function is already integrated for future solutions, 4 positions UP/DOWN for light scenarios. For each programmed transmitter a function can be individually set.</p> <p>Connection data: max. 1 A</p> <p>Height of casing 28 mm, with fastening clips, IP 20, connection via plug-in terminals, power supply 24 DC. Up to a total of 32 transmitters can be trained.</p>		1	D 452/24 FU-EP JR o.T.	00323056		
<p><b>Easyclick flush-mounted multi-function receiver 24 V DC, 2 channel</b> Easyclick flush-mounted receiver, 2 channel (independently programmable) switches various electrical devices such as e. g. automatic doors according to various selectable functions and parameters per channel.</p> <p>Standard function: 2-button function. Selectable functions: 1-button function, pushbutton, pushbutton with time limits, button push triggers impulse, automatic ON after selectable time (retriggerable), for each transmitter a function can be individually set. The potential-free relay contacts can be operated via a mutual COM plug-in terminal with extra-low voltage (max. 42 V~). The relays contacts of the multi-function receiver are not electrically interlocked.</p> <p>Power supply: 24 V DC Switching capacity: per channel 300 mA</p> <p>Height of casing 28 mm, with fastening clips, IP 20, connection via plug-in terminals.</p>		1	D 452/24 FU-EP MF o.T.	00361413		







	Article Designation	Colour	Packed	Article no.	Code no.
	<p><b>Easyclick flush-mounted receiver Plus with potential-free contact, 1 channel</b> Easyclick flush-mounted receiver with Easyclick Plus functions and potential-free contact.</p> <p>Applications e. g.:</p> <ul style="list-style-type: none"> <li>• for upgrading an existing drive to radio, e. g. garage doors</li> <li>• for converting an existing radio remote control to Easyclick technology</li> <li>• for switching PHC input modules</li> </ul> <p>Standard function: 2-button function. Selectable functions: 1-button function, pushbutton, staircase lighting function with settable switching off delay and advance OFF warning, automatic OFF after a settable delay, ventilator control function with delayed ON and automatic switching off, save and activate 4 light scenarios at the touch of a button (one light scenario per button), ventilator control function with window monitoring. For each programmed transmitter a function can be individually set.</p> <p>Connection data 230 V~: filament lamp (ohmic load) 1200 W           high voltage halogen lamps 600 W           inductive load 200 VA</p> <p>Height of casing 28 mm, with fastening clips, IP 20, connection via plug-in terminals, 230 V~, 50 Hz, neutral conductor necessary. Up to 32 transmitters can be programmed.</p>		1	D 451 FU-EP PF o.T.	00353013
	<p><b>Blind cover for flush-mounted receiver without support plate</b> Cover for Easyclick flush-mounted receiver and Easyclick flush-mounted repeater</p>	<p>STANDARD white                   pure white</p> <p>DIALOG pure white                   deep black</p> <p>AURA pure white                   anthracite                   aluminum</p> <p>NOVA brilliance pure white                           piano black                           aluminum</p>	10 10 10 10 10 10 10 10 10 10	D 80.477 w D 80.477.02 D 95.477.02 D 95.477.19 D 20.477.02 D 20.477.21 D 20.477.70 D 20.477.022 D 20.477.192 D 20.477.702	00372313 00372413 00372513 00372533 00372613 00372553 00372753 00030713 00372633 00372653
	<p><b>Easyclick flush-mounted receiver Plus with support plate, 1 channel</b> Easyclick flush-mounted receiver for switching lights according to various selectable functions and parameters.</p> <ul style="list-style-type: none"> <li>• With support plate for screw attachment in wall boxes with 60 mm distance of the device screws.</li> <li>• Socket board for the attachment of the button fixture D xx.420.xx for switching (local).</li> </ul> <p>Standard function: Button fixture: 1-button function, Easyclick transmitter: 2-button function. Settable functions with button fixture: 1-pushbutton function, staircase lighting function with settable switching off time and advance OFF warning, automatic OFF after a settable delay. Selectable functions with Easyclick transmitter: 1-pushbutton function, pushbutton function, staircase lighting function with settable switching off time and advance OFF warning, automatic OFF after a settable delay, switching off, save and activate 4 light scenarios (4-channel transmitter one light scenario per pushbutton). For each programmed transmitter a function can be individually set.</p> <p>Connection data: filament lamp (ohmic load) 2500 W                           high voltage halogen lamps 1250 W                           electronic ballast 3 pieces</p> <p>Height of casing 34 mm, IP 20, 230 V~, 50 Hz, neutral conductor necessary. Up to 30 transmitters can be programmed.</p>		1	D 451 FU-EP UP o.A.	00348013



Article Designation	Colour	Packed	Article no.	Code no.		
 <p><b>Button fixture, 2-gang, for Easyclick flush-mounted JR receiver with support plate, with label UP/DOWN D 452 FU-EP JR UP o.A.</b></p>	STANDARD	white pure white	1 1	D 80.425 JR w D 80.425.02 JR	00149613 00128913	
	DIALOG	pure white aluminum	1 1	D 95.425.02 JR D 95.425.70 JR	00806913 00314913	
	AURA	pure white anthracite aluminum	1 1 1	D 20.425.02 JR D 20.425.21 JR D 20.425.70 JR	00132013 00132113 00132813	
	NOVA brilliance	pure white piano black aluminum	1 1 1	D 20.425.022 JR D 20.425.192 JR D 20.425.702 JR	00029713 00044713 00059713	
	 <p><b>Easyclick baldachin receiver Plus, 1 channel</b> Easyclick baldachin receiver for switching lights and other electric devices according to various selectable functions and parameters. Standard function: 2-button function. Selectable functions: 1-button operation, pushbutton, staircase function with settable switching off delay and advance OFF warning, automatic OFF after a settable delay, ventilator control function with delayed ON and automatic switching off, save and activate 4 light scenarios at the touch of a button (one light scenario per pushbutton), ventilator control function with window monitoring. For each programmed transmitter a function can be individually set. Connection data: filament lamp (ohmic load) 2500 W high voltage halogen lamps 1250 W inductive load 600 VA electronic ballast 3 pieces Height of casing 27 mm, with screw hook hole, IP 20, with connection wiring, 230 V~, 50 Hz, neutral conductor necessary. Up to a total of 32 transmitters can be trained.</p>			1	D 451 FU-BEP	00363813
	 <p><b>Easyclick baldachin dimmer receiver Plus, 1 channel</b> Easyclick baldachin receiver for switching and dimming lights and other electric devices according to various selectable functions and parameters. Dimmer controlled by trailing-edge phase cut for low-voltage halogen lamps with electronic transformers, filament lamps, high voltage halogen lamps and other ohmic devices. Standard function: 2-button function with memory Selectable functions: 2-button function function without memory, ON/OFF defined with 2-pushbutton functions, UP/DOWN/DIM defined with 2-pushbutton functions, ON/OFF/DIM with 1-button function and memory, staircase lighting function with settable switching off time and advance OFF warning, save and activate 4 light scenarios at the touch of a button (i.e. for a 4-channel transmitter one light scenario per pushbutton). For each programmed transmitter a function can be individually set. Connection data: min. 60 W up to max. 210 W, Height of casing 27 mm, with screw hook hole, IP 20, with connection wiring, 230 V~, 50 Hz, neutral conductor necessary. Up to a total of 32 transmitters can be trained.</p>			1	D 451 FU-BEP DAB	00363913
	 <p><b>Easyclick adapter receiver Plus, 1 channel (SCHUKO®)</b> Easyclick plug adapter receivers for switching lights and other electric devices according to various selectable functions and parameters. Standard function: 2-button function. Selectable functions: 1-button function, pushbutton, staircase lighting function with settable switching off delay and advance OFF warning, automatic OFF after a settable delay, ventilator control function with delayed ON and automatic switching off, save and activate 4 light scenarios at the touch of a button (i.e. for a 4 channel transmitter one pushbutton), ventilator control function with window monitoring. For each programmed transmitter a function can be individually set. Connection data: filament lamp (ohmic load) 2500 W high voltage halogen lamps 1250W electronic ballast 3 pieces IP 20, 230 V~, 50 Hz, neutral conductor necessary. Up to a total of 32 transmitters can be trained.</p> <p><b>Plug adapter versions:</b></p>	pure white		1	D 4511 FU-EP ST	00349113
		with earthing pin	pure white	1	D 4571 FU-EP ST	00349613
		according to Swiss standard (SEV)	pure white	1	D 4571 FU-EP ST CH	00349713
		according to British standard	pure white	1	D 4571 FU-EP ST GB	00349913




Article Designation	Colour	Packed	Article no.	Code no.																
<p><b>Easyclick adapter dimmer receiver Plus, 1 channel (SCHUKO®)</b></p> <p>Easyclick plug adapter receivers for switching and dimming lights according to various selectable functions and parameters. Trailing-edge phase dimmer for low voltage halogen lamps with electronic transformers, filament lamps, high voltage halogen lamps and other ohmic loads.</p> <p>Standard function: 2-button function with memory.</p> <p>Selectable functions: with 2-button function without memory and with settable brightness after switching on, ON/OFF defined with 2-pushbutton functions, UP/DOWN/DIM defined with 2-pushbutton functions, 1-pushbutton function and memory, staircase lighting function with settable switching off time and advance OFF warning, save and activate 4 light scenarios at the touch of a button (i. e. for a 4 channel transmitter one light scenario per pushbutton). For each programmed transmitter a function can be individually set.</p> <p>The plug adapter has a protection function for unsuited kinds of load and switches OFF automatically.</p> <p>Switching capacity: min. 60W up to max. 420W (trailing-edge phase cut), IP 20, 230 V~, 50 Hz, neutral conductor necessary.</p> <p>Up to a total of 32 transmitters can be trained.</p>	pure white	1	D 4511 FU-EP DAB ST	00349213	 															
<p><b>Plug adapter versions:</b></p> <p>with earthing pin according to Swiss standard (SEV)</p> <p>according to British standard</p>	pure white	1	D 4571 FU-EP DAB ST	00345413																
	pure white	1	D 4571 FU-EP DAB ST CH	00345513																
	pure white	1	D 4571 FU-EP DAB ST GB	00345613																
<p><b>Easyclick flush-mounted ceiling receiver without Plus functions</b></p> <p>4 channel switching module, 2 pushbuttons operation with ON/OFF function. 30 Easyclick transmitters can be programmed to work with one receiver.</p> <p>Connection options: 3 1-way and 1 2-way contacts (zero-potential and independently programmable).</p> <p>Technical data: Power supply voltage 230 V~, 50 Hz, neutral conductor necessary, screw terminals.</p> <p>Connection data for device per channel</p> <table border="1"> <thead> <tr> <th>Contact</th> <th>push-to-make</th> <th>push-to-break</th> </tr> </thead> <tbody> <tr> <td>Filament lamps 230 V~</td> <td>2500 W</td> <td>1000 W</td> </tr> <tr> <td>High-voltage Halogen lamps 230 V~</td> <td>1250 W</td> <td>500 W</td> </tr> <tr> <td>Transformers and inductive loads</td> <td>600 VA</td> <td>250 VA</td> </tr> <tr> <td>Electronic ballast</td> <td>3 pieces</td> <td>1 piece</td> </tr> </tbody> </table> <p>Dimensions: W 55 x H 36 x L 230 mm</p>	Contact	push-to-make	push-to-break	Filament lamps 230 V~	2500 W	1000 W	High-voltage Halogen lamps 230 V~	1250 W	500 W	Transformers and inductive loads	600 VA	250 VA	Electronic ballast	3 pieces	1 piece		1	D 454 FU-E DE	00380113	
Contact	push-to-make	push-to-break																		
Filament lamps 230 V~	2500 W	1000 W																		
High-voltage Halogen lamps 230 V~	1250 W	500 W																		
Transformers and inductive loads	600 VA	250 VA																		
Electronic ballast	3 pieces	1 piece																		
<p><b>Easyclick flush-mounted series receiver without Plus functions</b></p> <p>4 channel switching module, 2 pushbuttons operation, each with ON/OFF function. 30 Easyclick transmitters can be programmed to work with one receiver.</p> <p>Connection options: 2 1-way and 2 2-way contacts (zero-potential and independently programmable).</p> <p>Technical data: Power supply voltage 230 V~, 50 Hz, neutral conductor necessary, screw terminals, 72 mm wide (4 TE), antenna D 460 ANT is required.</p> <p>Connection data for device per channel see article no. D 454 FU-E DE.</p>		1	D 454 FU-E REG	00380213																
<p><b>Easyclick flush-mounted receiver, 1 channel without Plus functions</b></p> <p>1 channel switching module, for 2-button operations, with the function ON/OFF, for mounting in flush-mounted socket, supply voltage 230 V~, 50 Hz, neutral conductor necessary, with plug-in terminals, protection IP 20, housing height 27 mm.</p> <p>30 Easyclick transmitters can be programmed to a receiver.</p> <p>Switching capacity:</p> <table border="1"> <tbody> <tr> <td>Filament lamps 230 V~</td> <td>2500 W</td> </tr> <tr> <td>High voltage halogen lamps 230 V~</td> <td>1250 W</td> </tr> <tr> <td>Transformers and inductive loads</td> <td>600 VA</td> </tr> <tr> <td>Electronic ballast</td> <td>3 pieces</td> </tr> </tbody> </table>	Filament lamps 230 V~	2500 W	High voltage halogen lamps 230 V~	1250 W	Transformers and inductive loads	600 VA	Electronic ballast	3 pieces		1	D 451 FU-E o.T.	00379813								
Filament lamps 230 V~	2500 W																			
High voltage halogen lamps 230 V~	1250 W																			
Transformers and inductive loads	600 VA																			
Electronic ballast	3 pieces																			

	Article Designation	Colour	Packed	Article no.	Code no.
	<p><b>EnOcean KNX Gateway, 32 channel</b>                      Interface between sensors/transmitters with EnOcean Technology and KNX bus coupling units. The 32 channels can be allocated individually.                      Adjustable functions:                      Switching/dimming (1 bit/4 bit)                      Louver control (1 bit)                      Present (1 bit)                      Temperature (2 byte)                      Light value (2 byte)                      Window contacts (1 bit)                      Additionally 6 controller channels can be selected with the following controller types:                      Continuous light/light 2 point                      Continuous temperature/temperature 2 point                      General 2 byte float, 2 point                      General 0...255 (0...100%), 2 point                      The configuration of addresses and parameters is done with ETS. The programming of the transmitters and sensors is done on the device or with software separately available remote controlled via the KNX bus.                      Technical data:                      Receiving frequency: 868.3 MHz                      Power supply: done via the bus                      Power consumption: approx. 25 mA                      Connection: KNX/EIB                      Protection: IP 20                      Dimensions: 70 x 70 x 27 mm</p>		1	D 942 FU C	00381746
	<p><b>Easyclick room temperature sensor with solar energy storage</b>                      for temperature detection and local set point value adjustment for individual room controls, with integrated temperature sensor and turn button for setpoint adjustment, the room temperature sensor sends the measured values battery-free to the receiver article no. D 451 FU-E RTR o.T.                      AURA/NOVA</p> <p>Technical data:                      Temperature detection: Range 0 °C...+40 °C                      Resolution 0.15 K                      Abs. precision typ. +/-0.4 K                      Set value detection: Range 0...270° rotation angle                      Resolution 1.1°                      Energy generator: Solar cells, internal Goldcap, maintenance-free                      Protection: IP 20 according to EN 60529                      Ambient temperature: -25...65 °C                      Transport: -25...65 °C/max. 70 %rF, not condensed                      Minimum illuminance: 200 Lux (min. 3-4 hrs. daily)</p>	pure white anthracite aluminum	1 1 1	D 20.450.02 FU-RTR D 20.450.64 FU-RTR D 20.450.70 FU-RTR	00313696 00313796 00313896
	<p><b>Easyclick room temperature sensor with solar energy storage</b>                      with toggle switch for 2 temperature ranges (day/night), for temperature detection and local set point value adjustment for individual room controls, with integrated temperature sensor and turn button for setpoint adjustment, the room temperature sensor sends the measured values battery-free to the receiver article no. D 451 FU-E RTR o.T.                      AURA/NOVA</p> <p>Technical data:                      Temperature detection: Range 0 °C...+40 °C                      Resolution 0.15 K                      Abs. precision typ. +/-0.4 K                      Set value detection: Range 0...270° rotation angle                      Resolution 1.1°                      Energy generator: Solar cells, internal Goldcap, maintenance-free                      Protection: IP 20 according to EN 60529                      Ambient temperature: -25...65 °C                      Transport: -25...65 °C/max. 70 %rF, not condensed                      Minimum illuminance: 200 Lux (min. 3-4 hrs. daily)</p>	pure white anthracite aluminum	1 1 1	D 20.450.02 FU-RTR MS D 20.450.64 FU-RTR MS D 20.450.70 FU-RTR MS	00313996 00314096 00314296



Article Designation	Colour	Packed	Article no.	Code no.	
<p><b>Easyclick universal room temperature sensor with solar energy storage</b> for combination frame with internal dimension 55 x 55 mm, for temperature detection and local set point value adjustment for individual room controls, with integrated temperature sensor and turn button for setpoint adjustment, the room temperature sensor sends the measured values battery-free to the receiver article no. D 451 FU-E RTR o.T.</p> <p>Technical data: Temperature detection: Range 0 °C...+40 °C Resolution 0.15 K Abs. precision typ. +/-0.4 K Set value detection: Range 0...270° rotation angle Resolution 1.1° Energy generator: Solar cells, internal Goldcap, maintenance-free Protection: IP 20 according to EN 60529 Ambient temperature: -25...65 °C Transport: -25...65 °C/max. 70 %rF, not condensed Minimum illuminance: 200 Lux (min. 3–4 hrs. daily)</p>	<p>pure white anthracite aluminum</p>	<p>1 1 1</p>	<p>D 450.02 FU-RTR D 450.64 FU-RTR D 450.70 FU-RTR</p>	<p>00311696 00311796 00311896</p>	
<p><b>Easyclick universal room temperature sensor with solar energy storage</b> for combination frame with internal dimension 55 x 55 mm, with toggle switch for 2 temperature ranges (day/night), for temperature detection and local set point adjustment for individual room controls, with integrated temperature sensor and turn button for setpoint adjustment, the room temperature sensor sends the measured values battery-free to the receiver article no. D 451 FU-E RTR o.T.</p> <p>Technical data: Temperature detection: Range 0 °C...+40 °C Resolution 0.15 K Abs. precision typ. +/-0.4 K Set value detection: Range 0...270° rotation angle Resolution 1.1° Energy generator: Solar cells, internal Goldcap, maintenance-free Protection: IP 20 according to EN 60529 Ambient temperature: -25...65 °C Transport: -25...65 °C/max. 70 %rF, not condensed Minimum illuminance: 200 Lux (min. 3–4 hrs. daily)</p>	<p>pure white anthracite aluminum</p>	<p>1 1 1</p>	<p>D 450.02 FU-RTR MS D 450.64 FU-RTR MS D 450.70 FU-RTR MS</p>	<p>00311996 00312096 00312196</p>	
<p><b>Easyclick thermostat receiver</b> for flush-mounting, for temperature control heating ON/OFF in the living area</p> <p>Function: The receiver compares the room temperature sent by the room temperature sensor with the the selected value. For lower values the relais is turned on , for higher values it is turned off (Thermostat function). The relay output can be used directly for controlling thermal on-off valves 230 V AC (article no. D 681 TSA, page 59). The energy saving function can be used by programming up to 10 window contacts, when window is open, the receiver turns the actuator OFF.</p> <p>Technical data: Power supply voltage: 230 V AC, 50 Hz Switch output: Changeover contact, max. 2500 W Screw terminals: max. 1.5 mm<sup>2</sup> Protection: IP 20 according to EN 60529 Mounting: in flush-mounted socket with blind cover and cable outlet Height of casing: 28 mm</p>		<p>1</p>	<p>D 451 FU-E RTR o.T.</p>	<p>00312296</p>	
<p><b>Easyclick 2 level repeater in plug casing (SCHUKO®)</b> The Easyclick repeater increases the range and therefore the working area between Easyclick transmitters and receivers. In 1-level operation the radio signal of a transmitter is received, verified and sent to the respective receiver with the maximum transmission power. In the 2-level operation a radio signal can be sent over an even greater distance using maximum two repeaters to the respective receivers. No configuration is necessary (e. g. programming the transmitters). The implementation is done by simply plugging into a wall socket SCHUKO®. The 1-level operation of the repeater is the standard factory settings and the repeater can simply be changed to the 2-level operation depending on the project. IP 20, 230 V~, 50 Hz, neutral conductor necessary.</p>	<p>pure white</p>	<p>1</p>	<p>D 453 FU-RP ST</p>	<p>00349013</p>	
<p>same, according to Swiss standard (SEV)</p>	<p>pure white</p>	<p>1</p>	<p>D 453 FU-RP ST CH</p>	<p>00348813</p>	

Article Designation	Colour	Packed	Article no.	Code no.
 <p><b>Easyclick 2-level flush-mounted repeater</b>                      The Easyclick repeater increases the range and therefore the working area between Easyclick transmitters and receivers.                      In 1-level operation the radio signal of a transmitter is received, verified and sent to the respective receiver with the maximum transmission power.                      In the 2-level operation a radio signal can be sent over an even greater distance using maximum two repeaters to the respective receivers. No configuration is necessary (e. g. programming the transmitters).                      The implementation is done by simply plugging into a 230 V e. g. in a 60 mm wall box.                      The 1-level operation of the repeater is the standard factory settings and the repeater can simply be changed to the 2-level operation depending on the project. Height of casing 34 mm.                      IP 20, 230 V~, 50 Hz, neutral conductor necessary.</p>		1	D 453 FU-RPP o.T.	00379513
 <p><b>Easyclick Diagnostic Tool</b>                      for checking the Easyclick radio signal strength and for determining the optimal mounting locations for transmitter and receiver, one-man operation possible, dimensions: W 50 x H 22 x L 150 mm, battery: 9 V~ block (not included in delivery).                       New Easyclick comfort hand-held transmitter incl. diagnostic functions see page 68.</p>	◆	1	D 450 TEST	00386513

	Article Designation	Colour	Packed	Article no.	Code no.
	<p><b>SENSOLUX Solar presence detector</b> for ceiling mount indoors</p> <p>Function: The SENSOLUX Solar presence detector acquires its energy via solar cells. With charged storage the device still works for several days in absolute darkness. The presence detector registers the presence of persons and measures the current light value. These data are sent via radio to the SENSOLUX energy controller, article no. D 482 FU-E or D 481 FU-E. The parameter settings are done on the energy controller. These can control e. g. two lamp rows individually. For the use in rooms without daylight, the presence detector can be optionally equipped with 2 alkaline batteries (AAA). Their life duration is about 8–10 years.</p> <p><b>Note:</b> <b>The SENSOLUX solar presence detector is also compatible with many building management systems with EnOcean interfaces such as e. g. PHC, LONWORKS, Ethernet TCP/IP, RS 485, MODBUS, TwinCAT PLC, KNX/EIB, WAGO I/O system.</b></p> <p>Technical data: Transmission frequency/radio protocol: 868.3 MHz/EnOcean Power supply starting with 50–200 Lux: Solar cells, internal Goldcap Battery power supply &lt; 50 Lux: 2 x 1.5 V (AAA) Start-up time: 5–10 Min. Ambient temperature: +10 °C up to +50 °C Protection/approvals: IP 50/CE Coverages approx: Room height 2.5 m =&gt; Ø 5.0 m Room height 3.0 m =&gt; Ø 6.0 m Casing dimensions: 108 x 108 x 26.8 mm</p>	white	1	D 482 FU-BM DE	00348313
	<p><b>SENSOLUX energy controller, 2 channel</b></p> <p>Function: In the mode “fully automatic”, the SENSOLUX presence detector article no. D 482 FU-BM DE registers personas and turns on the lights via a receiver. After leaving the detection area, the light is switched off with an adjustable follow-up time or when reaching a preset brightness level (daylight). The user can always turn the lights on or off at any time via conventional or Easyclick radio transmitters. In the mode “semi automatic”, the lights are turned on manually. Turning off occurs via the presence detector. In both modes, the parameters follow-up time, brightness level, daylight or twilight can be set. Delivery setting is “fully automatic and daylight”.</p> <p>Technical data: Reception frequency/radio protocol: 868.3 MHz/EnOcean Current supply/own consumption: 230 V~/50 Hz/0.3 W Ambient temperature: +5 °C up to +50 °C Protection/approvals: IP 20/CE 2 channels: independently programmable Connection data per channel: Filament lamps: 2300 W Inductive load: 600 VA Electronic ballast: max. 5 pieces Casing dimensions: 50 x 50 x 22.5 mm Connections: Screw terminals Max. 8 solar presence detectors and 8 Easyclick transmitters can be programmed. Neutral connector necessary.</p>		1	D 482 FU-E	00348413
	<p><b>SENSOLUX-Mikro-Energie-Controller, 1 channel</b></p> <p>Function: see article no. D 482 FU-E</p> <p>Technical data: Reception frequency/radio protocol: 868.3 MHz/EnOcean Current supply/own consumption: 230 V~/50 Hz/0.3 W Ambient temperature: +5 °C up to +50 °C Protection/approvals: IP 20/CE 1 channel Connection data: Filament lamps: 2300 W Inductive load: 600 VA Electronic ballast: max. 5 pieces Casing dimensions: 47 x 39 x 23 mm Connections: Screw terminals Max. 8 solar presence detectors and 8 Easyclick transmitters can be programmed. Neutral connector necessary.</p>		1	D 481 FU-E	00346513