

# UNIVERSAL FLUSH-MOUNTED INSERTS

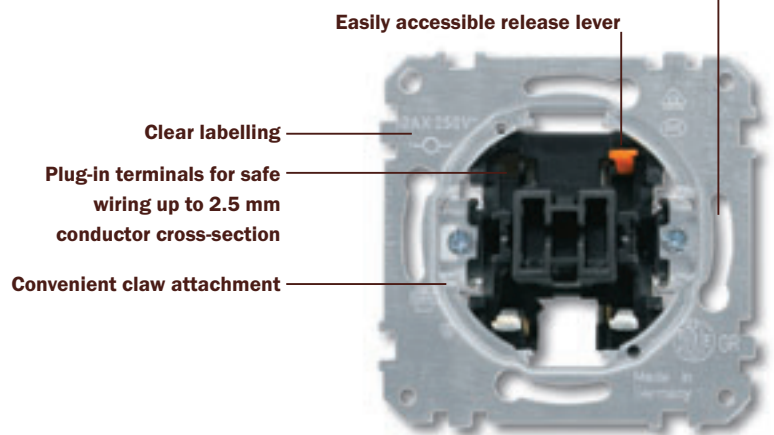
## ONE INSERT, MANY OPTIONS



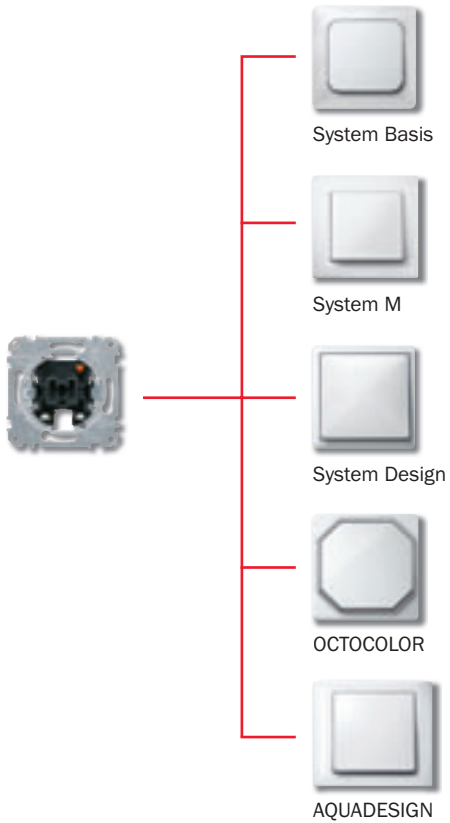
Today ATELIER, tomorrow ARTEC?  
No problem with Merten's universal flush-mounted inserts. Because when you change the switch range, there's no need to change the insert.

This saves time and installation costs, and gives your customers an inexpensive option for updating their switch design.

**For cavity wall box installation: easy to release and align through lateral twisting**

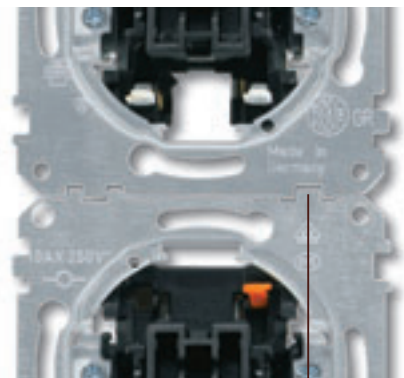
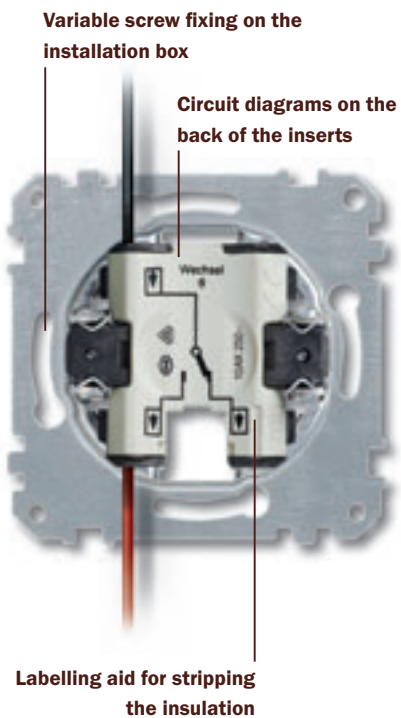


# UNIVERSAL FLUSH-MOUNTED INSERTS CONTENTS



## 20 UNIVERSAL INSERTS

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- Visible surface-mounted installation possible in connection with surface-mounted housing.
- Switch inserts with connecting terminals to VDE 0632
- Can be illuminated as defined by German workplace regulations of 23.3.1975.

## Switch and push-button inserts

**Technical Information:** Circuit diagrams for installation of switches and push-buttons (⇒ p. 427)



### Rocker switch insert

**10 AX, AC 250 V**

With plug-in terminals.

Version	Art. no.	PU	PG	Info
two-way	<b>311600</b>	10/100	1	
intermediate	<b>311700</b>	10/50	1	
one-way, 2-pole	<b>311200</b>	10/50	1	



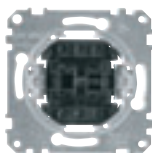
### Rocker switch insert

**10 AX, AC 250 V**

With plug-in terminals.

**To be completed with:** Rocker for two-circuit switch, art. no. System M 4325..., 4335..., 4345..., System Basis 3105..., System Design 4125..., OCTOCOLOR 3325..., AQUADESIGN 3435...

Version	Art. no.	PU	PG	Info
two-circuit	<b>311500</b>	10/100	1	



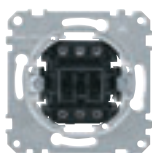
### Rocker switch insert

**10 AX, AC 250 V**

With screw terminals.

**To be completed with:** Rocker for two-circuit switch, art. no. System M 4325..., 4335..., 4345..., System Basis 3105..., System Design 4125..., OCTOCOLOR 3325..., AQUADESIGN 3435...

Version	Art. no.	PU	PG	Info
double two-way	<b>311601</b>	10/50	1	



### Rocker switch insert

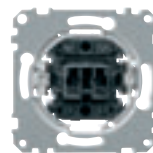
**16 AX, AC 400 V**

Illuminated.

With screw terminals.

**Accessories:** Light attachment, art. no. 396376.

Version	Art. no.	PU	PG	Info
one-way, 3-pole with screw terminals	<b>311300</b>	10/50	1	



### Rocker switch insert

**20 A, AC 250 V**

With screw terminals.

Version	Art. no.	PU	PG	Info
one-way, 2-pole	<b>311201</b>	10/50	1	



### Rocker control switch insert

**10 AX, AC 250 V**

Can also be used as a 1-pole, one-way control switch.

With plug-in terminals.

**Contents:** With neon lamp.

Version	Art. no.	PU	PG	Info
one-way, 2-pole	<b>325200</b>	10/50	1	
two-way	<b>325600</b>	10/100	1	



### Rocker button insert

**10 A, 250 V AC**

With plug-in terminals.

Version	Art. no.	PU	PG	Info
make contact, 1-pole	<b>315000</b>	10/100	1	
make contact, 1-pole, with separate signalling contact	<b>315900</b>	10/50	1	
two-way, 1-pole	<b>315901</b>	10/50	1	



### Double rocker button insert

**10 A, 250 V AC**

2 separate conducting paths.

With plug-in terminals.

Version	Art. no.	PU	PG	Info
2 make contacts	<b>315902</b>	10/50	1	
1 make contact/1 break contact	<b>315903</b>	10/50	1	



### Rocker button insert for hotel keycard holder

**6 A, 230 V AC**

With plug-in terminals.

**To be completed with:** Hotel keycard holder art. no. System Basis 3151..., System M 3154..., 3156..., System Design 3153...

**Accessories:** Neon lamp attachment with integrated lamp, art. no. 396502. Plug-in light attachment E 10, art. no. 396576. LED lamp E 10, art. no. 3951... Neon lamp E 10, art. no. 395100.

Version	Art. no.	PU	PG	Info
two-way	<b>315800</b>	10/50	1	

## Push-down switch inserts

▶ **For completion with push-down buttons from System BASIS or OCTOCOLOR.**

■ **Technical Information:** Circuit diagrams for installation of switches and push-buttons (⇒ p. 427)



### Push-down switch insert

**10 AX, AC 250 V**

All push-down control switch inserts are recognisable by the blue contact piece.

Version	Art. no.	PU	PG	Info
two-way	<b>330600</b>	10/50	1	
two-circuit	<b>330500</b>	10/50	1	
intermediate	<b>330700</b>	10/50	1	



### Push-down control switch insert

**10 AX, AC 250 V**

Can also be used as a 1-pole, one-way control switch.

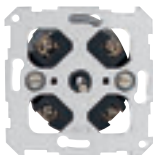
All push-down control switch inserts are recognisable by the blue contact piece.

■ **Contents:** With neon lamp.

Version	Art. no.	PU	PG	Info
one-way, 2-pole	<b>332200</b>	10/50	1	
two-way	<b>332600</b>	10/50	1	

## Switch inserts

▶ **Time switches (complete items) can be found in the System Basis, System M, System Design or OCTOCOLOR ranges.**



### Time switch insert

**AC 250 V, 16 A (4 A for motors)**

Possible deviation of up to + 12 %.

▶ **To be completed with:** Central plate for time switch insert, 15 min, art. no. System M 5674..., 5390...5393..., System Basis 5380..., System Design 5383..., OCTOCOLOR 5381... Central plate for time switch insert, 120 min, art. no. System M 5675..., 5392...5394..., System Basis 5382..., System Design 5384..., OCTOCOLOR 5389...

■ **Technical Information:** Circuit diagrams for installation of switches and push-buttons (⇒ p. 428)

Version	Art. no.	PU	PG	Info
2-pole, 15 min	<b>538000</b>	1/40	8	
2-pole, 120 min	<b>538200</b>	1/40	8	



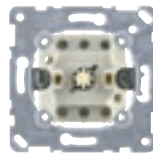
### Three-step rotary switch insert

**16 A, AC 250 V**

For 3-level switching of fans for air conditioning devices, heating systems or extractor hoods.

▶ **To be completed with:** Central plate for three-step rotary switch, art. no. System M 5672..., 4373...5388..., System Basis 3174..., System Design 3169..., OCTOCOLOR 3173...

Version	Art. no.	PU	PG	Info
	<b>317400</b>	1/40	8	



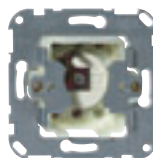
### Fan switch insert

**10 A, 250 V AC**

For switching fans at three different speeds.

▶ **To be completed with:** Central plate for fan switch, art. no. 3171..., 4371...

Version	Art. no.	PU	PG	Info
	<b>317100</b>	1/40	1	



### Universal switch insert for cylinder locks

**10 A, 250 V AC**

For standard semi-cylinder locks of 40 mm in length.

No zero position!

▶ **To be completed with:** Central plate for two-way maintained-contact switch, art. no. System M 3195..., 3181..., System Basis 3186..., OCTOCOLOR 3346...

■ **Technical Information:** Semi-cylinder lock (⇒ p. 462)

■ **Contents:** Without lock.

Version	Art. no.	PU	PG	Info
2-pole	<b>318601</b>	1/50	8	

## Roller shutter switch inserts

■ **Technical Information:** Roller shutter switch and push-button (⇒ p. 462)



### Roller shutter rocker switch insert

**10 A, 250 V AC**

With mechanical reverse lock-out and electrical interlock.

▶ **To be completed with:** Rocker for roller shutter switches and push-buttons, art. no. System M 4324..., 4355..., 4344..., System Basis 3155..., System Design 4115..., OCTOCOLOR 3315...

Version	Art. no.	PU	PG	Info
1-pole	<b>311501</b>	10/50	1	



## Roller shutter rocker switch insert with additional contact

10 A, 250 V AC

With mechanical reverse lock-out and electrical interlock.

- To be completed with:** Rocker for two-circuit switch with imprint, art. no. System M 4326..., 4356...Rocker for two-circuit switch, art. no. System M 4325..., 4335..., 4345..., System Basis 3105..., System Design 4125..., OCTOCOLOR 3325..., AQUADESIGN 3435...Rocker for roller shutter switches and push-buttons, art. no. System M 4324..., 4355..., 4344..., System Basis 3155..., System Design 4115..., OCTOCOLOR 3315...

- Note:** With an additional contact for switching off the bell function in connection with 5867.. and 587092, when the "Please do not disturb / Make up room" application is used.

Version	Art. no.	PU	PG	Info
	311502	10/50	1	



## Roller shutter rocker button insert

10 A, 250 V AC

With mechanical reverse lock-out and electrical interlock.

- To be completed with:** Rocker for roller shutter switches and push-buttons, art. no. System M 4324..., 4355..., 4344..., System Basis 3155..., System Design 4115..., OCTOCOLOR 3315...

Version	Art. no.	PU	PG	Info
1-pole	315500	10/50	1	



## Roller shutter/two-circuit insert

AC 230 V, 50-60 Hz

Neutral conductor **required**.

**Switching capacity:** AC 230 V, 1000 W/VA for both channels together

**Capacitive load:** AC 230 V, max. 140 µF

**Power consumption:** <1 W

**Wire range:** max. 2x2.5 mm<sup>2</sup>

- To be completed with:** Roller shutter control electronics, art. no. 569092, two-circuit control electronics, art. no. 569091.

- Technical Information:** TRACENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
1000 VA	576499	1/50	8	



## Momentary/maintained-contact switch insert for roller shutters

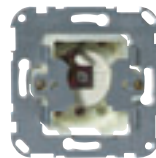
10 A, 250 V AC

Can be used as push-button with the locking disc provided.

Operated via a rotary knob.

- To be completed with:** Central plate for momentary/maintained-contact switch insert for roller shutters, art. no. System M 5671..., 5698..., 5387..., System Basis 3172..., System Design 3192..., OCTOCOLOR 3170...

Version	Art. no.	PU	PG	Info
2-pole	317200	1/40	1	



## Momentary/maintained-contact switch insert for roller shutters for cylinder locks

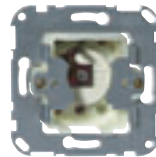
10 A, 250 V AC

For standard semi-cylinder locks of 40 mm in length.

- To be completed with:** Central plate for momentary/maintained-contact switch inserts for roller shutters, art. no. System M 3194..., 3193..., System Basis 3185..., OCTOCOLOR 3349..., AQUADESIGN 3482...

- Contents:** Without lock.

Version	Art. no.	PU	PG	Info
2-pole	318501	1/50	8	



## Roller shutter push-button insert for cylinder locks

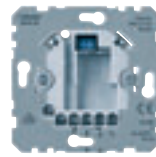
10 A, 250 V AC

For standard semi-cylinder locks of 40 mm in length.

- To be completed with:** Central plate for momentary/maintained-contact switch inserts for roller shutters, art. no. System M 3194..., 3193..., System Basis 3185..., OCTOCOLOR 3349..., AQUADESIGN 3482...

- Contents:** Without lock.

Version	Art. no.	PU	PG	Info
2-pole	318901	1/50	8	



## Standard blind control insert

AC 230 V, 50 Hz

For local control of a blind/roller shutter motor with limit switch.

Motor protection through interlocked relay contacts. Without extension input.

**Nominal voltage:** AC 230 V, 50 Hz

**Neutral conductor: required**

**Switching capacity:** max. 1 motor 1000 W

**Outputs:** 2 make contacts (interlocked)

**Pulse duration:** 2 minutes

**Connecting terminals:** Screw terminals for max. 2.5 mm<sup>2</sup> or 2x1.5 mm<sup>2</sup>

- To be completed with:** Blind push-buttons and blind time switches for the blind control system. In the CONNECT radio system with the CONNECT radio roller shutter push-button with sensor connection art. No. System M 5035..., 5025..., System Design 5045...

- Technical Information:** Standard blind control insert, art. no. 580698 (⇒ p. 463)

Version	Art. no.	PU	PG	Info
1000 W	580698	1/50	8	



## Blind control insert with extension input

**AC 230 V, 50 Hz**

For controlling a blind/roller shutter motor with limit switch.  
A mechanical roller shutter switch/push-button or an additional blind control insert can be connected via the extension input to implement group/central control. Wind alarm function possible with extension input. Motor protection through interlocked relay contacts.

**Nominal voltage:** AC 230 V, 50 Hz

**Neutral conductor:** required

**Switching capacity:** max. 1 motor 1000 VA

**Outputs:** 2 make contacts (interlocked)

**Reversing time:** minimum 500 ms

**Connecting terminals:** Screw terminals for max. 2.5 mm<sup>2</sup> or 2x1.5 mm<sup>2</sup>

- ▶ **To be completed with:** Blind push-buttons and blind time switches for the blind control system. In the CONNECT radio system with the CONNECT radio roller shutter push-button with sensor connection art. No. System M 5035..., 5025..., System Design 5045...

**Accessories:** Wind sensor interface, art. no. 580693.

- **Technical Information:** Blind control insert with extension input, art. no. 580699 (⇒ p. 463)
- **Note:** In combination with the standard blind time switch, art. no. 5809..., 5859..., 5839..., 5819..., the extension input does not work.

Version	Art. no.	PU	PG	Info
1000 VA	580699	1/50	8	



## Multiple control relay insert for roller shutters

**5 A, AC 250 V**

Suitable for a size 60 flush-mounted box. With a multiple control relay, it is possible to control 2 motors locally by manual operation or centrally. The multiple control relays can be cascaded.

- ▶ **To be completed with:** Blanking cover, art. no. System M 3916..., 3918..., 3917..., System Basis 3920..., System Design 3919..., OCTOCOLOR 3926...
- **Technical Information:** Multiple control relay insert for roller shutters (⇒ p. 470)

Version	Art. no.	PU	PG	Info
	576399	1/24	8	



## Multiple control relay for roller shutters, flush-mounted

**6 A, AC 250 V**

Suitable for a size 60 flush-mounted box. Flat 22 mm design. For local control using push-buttons, installation in a deep flush-mounted box. For controlling up to 2 roller shutter motors locally, in groups or centrally. With separation of load and control circuit, as well as forced locking in both directions of movement. Motors are controlled individually using a roller shutter rocker switch and centrally using the blind time switches or blind push-buttons of the Merten blind control system.

**Mains voltage:** AC 230 V, 50 Hz ±10 %

**Control voltage:** AC 230 V ±10 %

**Power consumption:** 10 mA in relay operation

**Switching voltage:** max. AC 250 V

**Switching current:** max. 6 A

**Temperature range:** 0 -60 °C

**Terminals:** max. 1.5 mm<sup>2</sup>

**Dimensions:** 22x49x52 mm (HxWxD)

**Installation:** (deep) flush-mounted box

- ▶ **To be completed with:** Blanking cover, art. no. System M 3916..., 3918..., 3917..., System Basis 3920..., System Design 3919..., OCTOCOLOR 3926...
- **Technical Information:** Multiple control relay for roller shutters, flush-mounted (⇒ p. 471)

Version	Art. no.	PU	PG	Info
	576398	1/100	8	



## Multiple control relay for roller shutters REG

**2 A, AC 250 V**

For installation on DIN rails. For controlling up to 2 roller shutter motors locally, in groups or centrally. With separation of load and control circuit, as well as forced locking in both directions of movement. Motors are controlled individually using a roller shutter rocker switch and centrally using the blind time switches or blind push-buttons of the Merten blind control system.

**Mains voltage:** AC 230 V, 50 Hz ±10 %

**Power consumption:** 10 mA in relay operation

**Switching voltage:** max. AC 250 V

**Switching current:** max. 2 A

**Temperature range:** 0 -60 °C

**Terminals:** max. 1.5 mm<sup>2</sup>

**Device width:** 2 modules = approx. 36 mm

- **Technical Information:** Multiple control relay for roller shutters REG (⇒ p. 472)

Version	Art. no.	PU	PG	Info
	576397	1/40	8	

## Room temperature control inserts

**Technical Information:** Heating control (⇒ p. 489)



### Room temperature control insert with switch

With thermal recirculation.  
Fourth terminal for night economy.

**To be completed with:** Central plate for room temperature control unit with switch, art. no. System M 5348..., 5361..., System Basis 5385..., System Design 5397..., OCTOCOLOR 5391...

**Contents:** Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	<b>536302</b>	1/50	8	
AC 24 V, 1(1) A	<b>536304</b>	1/50	8	



### Room temperature control insert with changeover contact

For electric underfloor heating if the additional heater has to be interlocked, air conditioning (cooling), valve drives (de-energised open or closed).  
With thermal recirculation.

**To be completed with:** Central plate for room temperature control unit with changeover contact, art. no. System M 5347..., 5362..., System Basis 5365..., System Design 5374..., OCTOCOLOR 5364...

**Contents:** Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 5(2) A	<b>536400</b>	1/50	8	
AC 24 V, 1(1) A	<b>536401</b>	1/50	8	



### Floor thermostat insert with switch

With remote sensor on 4 m incoming lead, extendable with twin-core cable.

**To be completed with:** Central plate for floor thermostat insert with switch, art. no. System M 5349..., 5358..., System Basis 5371..., System Design 5375..., OCTOCOLOR 5372...

**Contents:** Room temperature control insert, remote sensor, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	<b>537100</b>	1/12	8	

## Rotary dimmers

- Surface-mounted visible installation possible in conjunction with surface-mounted housing.
- Interference immunity in line with VDE 0639.
- The following applies to all types of dimmers: If the dimmers cannot dissipate sufficient heat (cavity walls, multiple combinations, surface-mounted combinations and built-in dimmers on DIN rails), the maximum specified connected loads may not be exceeded.

**Technical Information:** Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451); Lamps/dimmer matrix (⇒ p. 458)



### Dimmer insert for ohmic load AC 230 V

For incandescent lamps and 230 V halogen lamps.  
With pressure-operated two-way switch.  
**(Phase control).**



**To be completed with:** Central plate for rotary dimmer inserts, art. no. System M 5670..., 5699..., 5399..., System Basis 5723..., System Design 5720..., OCTOCOLOR 5726...

**Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 453)

Version	Art. no.	PU	PG	Info
60-400 W	<b>572499</b>	1/72	8	
60-600 W, halogen 500 W	<b>572299</b>	1/72	8	



### ATELIER dimmer with pressure-operated one-way switch for ohmic load AC 230 V

For incandescent lamps and 230 V halogen lamps.  
With pressure-operated one-way switch.  
**(Phase control).**



**Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 453)

**Contents:** Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
60-400 W, white	<b>572174</b>	1/60	8	



### M1 dimmer with pressure-operated one-way switch for ohmic load AC 230 V

For incandescent lamps and 230 V halogen lamps.  
With pressure-operated one-way switch.  
**(Phase control).**



**Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 453)

**Contents:** Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
60-400 W, white	<b>572124</b>	1/60	8	



**ATELIER dimmer for ohmic load**  
**AC 230 V**

For incandescent lamps and 230 V halogen lamps.  
With pressure-operated two-way switch.  
**(Phase control).**



- Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 453)
- Contents:** Complete device.

Version	Art. no.	PU	PG	Info
60-400 W, white	<b>572474</b>	1/60	8	
60-600 W, halogen	<b>572274</b>	1/60	8	
500 W, white				



**M1 dimmer for ohmic load**  
**AC 230 V**

For incandescent lamps and 230 V halogen lamps.  
With pressure-operated two-way switch.  
**(Phase control).**



- Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 453)
- Contents:** Complete device.

Version	Art. no.	PU	PG	Info
60-400 W, white	<b>572424</b>	1/60	8	
60-600 W, halogen	<b>572224</b>	1/60	8	
500 W, white				



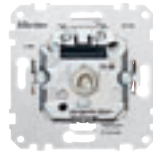
**Dimmer insert 900 W for ohmic load**  
**AC 230 V**

For incandescent lamps and 230 V halogen lamps.  
With pressure-operated two-way switch.  
**(Phase control).**



- To be completed with:** Central plate for rotary dimmer inserts up to 1000 VA, art. no. System Design 5717..., OCTOCOLOR 5715...
- Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 453)
- Note:** Not to be combined with System Basis or System M.

Version	Art. no.	PU	PG	Info
75-900 W/halogen	<b>572799</b>	1/30	8	
700 W				



**LV halogen dimmer insert for inductive load**  
**AC 230 V**

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).  
With pressure-operated two-way switch.  
**(Phase control).**



- To be completed with:** Central plate for rotary dimmer inserts, art. no. System M 5670..., 5699...,5399..., System Basis 5723..., System Design 5720..., OCTOCOLOR 5726...

**Technical Information:** Phase control dimmer (⇒ p. 454)

Version	Art. no.	PU	PG	Info
20-500 VA	<b>572599</b>	1/72	8	



**ET dimmer insert for capacitive load**  
**AC 230 V**

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).  
With pressure-operated two-way switch.  
**(Phase alignment)**

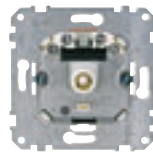


Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps.

- To be completed with:** Central plate for rotary dimmer inserts, art. no. System M 5670..., 5699...,5399..., System Basis 5723..., System Design 5720..., OCTOCOLOR 5726...

**Technical Information:** Phase alignment dimmer (⇒ p. 455)

Version	Art. no.	PU	PG	Info
20-315 W	<b>577199</b>	1/50	8	



**Electronic potentiometer insert**  
**1-10 V**

For generating the bus voltage for a line with up to 32 bus devices. With integrated choke to decouple the power supply from the bus and a switch to disconnect the power and reset the bus devices connected to the line.  
With pressure-operated one-way switch 5 A.

- To be completed with:** Central plate for rotary dimmer inserts, art. no. System M 5670..., 5699...,5399..., System Basis 5723..., System Design 5720..., OCTOCOLOR 5726...

**Technical Information:** Control of fluorescent lamps and motors (⇒ p. 457)

Version	Art. no.	PU	PG	Info
	<b>572999</b>	1/50	8	



## Dimmer insert for inductive load

### AC 230 V

For dimmable wound transformers, motors, incandescent lamps and fluorescent lamps (inductive/ohmic load).

With pressure-operated two-way switch and additional switch contact.

**(Phase control).**

In conjunction with the base load of the speed controller, this can be used as a dimmer for argon fluorescent lamps (Ø 38 mm) and as a dimmer in circuits with automatic mains disconnection.

**Connected load:** 600 W incandescent lamps, 500 W halogen lamps, 500 VA dimmable, wound transformers



**To be completed with:** Central plate for rotary dimmer inserts, art. no. System M 5670..., 5699..., 5399..., System Basis 5723..., System Design 5720..., OCTOCOLOR 5726...

**Accessories:** Base load, art. no. 542894.

**Technical Information:** Phase control dimmer (⇒ p. 454); Control of fluorescent lamps and motors (⇒ p. 457)

Version	Art. no.	PU	PG	Info
25-600 VA	573299	1/50	8	



## Base load

Consists of 4 x 6 watt resistors.

1 set required per dimmer and per power booster in parallel connection (can be replaced by a 25 watt incandescent lamp).

Version	Art. no.	PU	PG	Info
	542894	1/48	8	



## Speed control insert

### AC 230 V, 50-60 Hz, max. 2.7 A

For stepless speed control of single-phase motors such as induction motors, split-pole motors and universal motors. With separate switching outlet for controlling slats or to switch ohmic loads.

With short-circuit protection.



**To be completed with:** Central plate for speed controller, art. no. System M 5676..., 5696..., 5398..., System Basis 5836...

**Note:** Replaces speed controller insert, art. no. 573699.

Version	Art. no.	PU	PG	Info
	583699	1/50	8	



## Surface-mounted dimmer for ohmic load

### AC 230 V

For incandescent lamps and 230 V halogen lamps.

With pressure-operated two-way switch.

**(Phase control).**

Closed base.



**Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 453)

**Contents:** Complete device with cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
60-400 W, white	573444	1/72	8	
60-400 W, polar white	573419	1/72	8	
60-400 W, dark brazil	573417	1/72	8	



## Surface-mounted dimmer for ohmic load

### AC 230 V

For incandescent lamps and 230 V halogen lamps.

With pressure-operated two-way switch.

**(Phase control).**

Closed base.



**Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 453)

**Contents:** Complete device with cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
60-600 W, halogen 500 W, white	571644	1/72	8	
60-600 W, halogen 500 W, polar white	571619	1/72	8	
60-600 W, halogen 500 W, dark brazil	571617	1/72	8	

## DIN rail mounted rotary dimmers

- For installation in the distribution board on 35 mm DIN rail in accordance with DIN EN 50022.
- Device width: 53 mm = 3 modules.
- Interference immunity in line with VDE 0639.

■ **Technical Information:** Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451); Lamps/dimmer matrix (⇒ p. 458)



### Built-in dimmer for ohmic load

**AC 230 V**

For incandescent lamps and 230 V halogen lamps.

With pressure-operated two-way switch.

**(Phase control).**



▶ **Accessories:** Light attachment for rotary dimmer, art. no. 396476.

■ **Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 453)

Version	Art. no.	PU	PG	Info
60-500 W, light grey	<b>571829</b>	1/72	8	



### Built-in LV halogen dimmer for inductive load

**AC 230 V**

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).

With pressure-operated two-way switch.

**(Phase control).**



▶ **Accessories:** Light attachment for rotary dimmer, art. no. 396476.

■ **Technical Information:** Phase control dimmer (⇒ p. 454)

Version	Art. no.	PU	PG	Info
20-500 VA, light grey	<b>572529</b>	1/72	8	



### Built-in ET dimmer for capacitive load

**AC 230 V**

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).

With pressure-operated two-way switch.

**(Phase alignment)**

Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps.



▶ **Accessories:** Light attachment for rotary dimmer, art. no. 396476.

■ **Technical Information:** Phase alignment dimmer (⇒ p. 455)

Version	Art. no.	PU	PG	Info
20-280 W, light grey	<b>577129</b>	1/50	8	

## DIN rail mounted dimmers

■ **Technical Information:** Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451); Lamps/dimmer matrix (⇒ p. 458)



### Universal dimmer REG/230/500 W

**AC 230 V, 50-60 Hz**

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.

**(Phase control or phase alignment).**

The universal dimmer automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected. With short-circuit, open-circuit and excess temperature protection with soft start lamp protection.

Manual operation and extension unit operation.

For installation onto DIN rails EN 50022.

With memory function, can be switched off.

**Nominal voltage:** AC 220 - 230 V, 50/60 Hz

**Nominal power:** max. 500 W/VA

20 W minimum load (ohmic)

50 VA minimum load (ohmic/inductive/capacitive)

**Input (extension unit operation):** AC 230 V, 50/60 Hz (same phase as the dimming channel)

**Device width:** 4 modules = approx. 72 mm



▶ **Extension unit operation:** With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

■ **Technical Information:** Universal dimmer (⇒ p. 456)

Version	Art. no.	PU	PG	Info
light grey	<b>571950</b>	1/10	8	



### Universal dimmer REG/2x230/300 W

**AC 230 V, 50-60 Hz**

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.

**(Phase control or phase alignment).**

The universal dimmer automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected. With short-circuit, open-circuit and excess temperature protection with soft start lamp protection.

Manual operation and extension unit operation.

For installation onto DIN rails EN 50022.

With memory function, can be switched off.

**Nominal voltage:** AC 220 - 230 V, 50/60 Hz

**Nominal power/channel:** max. 300 W/VA

20 W minimum load (ohmic)

50 VA minimum load (ohmic/inductive/capacitive)

**Input (extension unit operation):** AC 230 V, 50/60 Hz (same phase as the dimming channel)

**Device width:** 4 modules = approx. 72 mm



▶ **Extension unit operation:** With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

■ **Technical Information:** Universal dimmer (⇒ p. 456)

Version	Art. no.	PU	PG	Info
light grey	<b>571930</b>	1/10	8	



## Universal dimmer REG/4x230/150 W

**AC 230 V, 50-60 Hz**

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.

**(Phase control or phase alignment).**

The universal dimmer automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected. With short-circuit, open-circuit and excess temperature protection with soft start lamp protection. Manual operation and extension unit operation. For installation onto DIN rails EN 50022. With memory function, can be switched off.

**Nominal voltage:** AC 220 - 230 V, 50/60 Hz

**Nominal power/channel:** max. 150 W/VA  
20 W minimum load (ohmic)

50 VA minimum load (ohmic/inductive/capacitive)

**Input (extension unit operation):** AC 230 V, 50/60 Hz (same phase as the dimming channel)

**Device width:** 6 modules = approx. 105 mm

- ▣ **Extension unit operation:** With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

■ **Technical Information:** Universal dimmer (⇒ p. 456)

Version	Art. no.	PU	PG	Info
light grey	<b>571915</b>	1/10	8	

## Memory super dimmer inserts

- Memory: When the light is switched on, it has the last set brightness level.
- Interference immunity in line with VDE 0639.

■ **Technical Information:** Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451); Lamps/dimmer matrix (⇒ p. 458)



## Universal super dimmer insert

**AC 230 V**

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers or electronic transformers.

**Phase control or phase alignment**

The universal dimmer automatically recognises the connected load. Do not connect any mixed loads.

With memory function, can be switched off.

**Neutral conductor: not** required (2 conductor system)

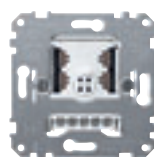
- ▣ **To be completed with:** Sensor cover, art. no. System M 5776..., 5701..., 5704..., System Basis 5741..., System Design 5737..., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779..., 5703..., 5711..., System Basis 5748..., System Design 5709..., OCTOCOLOR 5749... In the TRACENT range with control electronics, 1-gang, art. no. 569090 and TRACENT glass sensor covers, art. no. 5691..., 5692..., 5693..., 5695... Central plate comfort rotating regulator for Universal super dimmer insert, art. no. System M 5678..., 5677... In the CONNECT radio system with the CONNECT sensor cover for dimmer inserts art. No. System M 5036..., 5026..., System Design 5046...

**Extension unit operation:** With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

■ **Technical Information:** Universal dimmer (⇒ p. 456); Electronic sensor switch (⇒ p. 448); TRACENT functions and device overview (⇒ p. 433)

- ▣ **Note:** The insert from version 3A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
25-420 VA	<b>577099</b>	1/50	8	



## Universal dimmer insert, 2-gang

**AC 230 V, 50-60 Hz**

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.

**(Phase control or phase alignment).**

The universal dimmer automatically recognises the connected load.

Do not connect any mixed loads.

With memory function, can be switched off.

**Neutral conductor:** not required (2 conductor system)

**Nominal power/per channel:** 50-200 W/VA

- ▣ **To be completed with:** Push-button module, 2-gang, art. no. System M 568499, System Design 568199. Rockers for 2-gang push-button module, art. no. System M 6192..., 6252..., System Design 6262...

**Extension unit operation:** With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

■ **Technical Information:** Universal dimmer (⇒ p. 456)

Version	Art. no.	PU	PG	Info
2 x 50-200 VA	<b>568099</b>	1/50	8	



### Memory super dimmer insert for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.

**(Phase control)**

With memory function, can be switched off.



- To be completed with:** Sensor cover, art. no. System M 5776..., 5701..., 5704..., System Basis 5741..., System Design 5737..., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779..., 5703..., 5711..., System Basis 5748..., System Design 5709..., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691..., 5692..., 5693..., 5695...

**Extension unit operation:** With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

- Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 453); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
60-400 W	573399	1/60	8	
60-600 W, halogen 500 W	577299	1/60	8	



### Memory halogen super dimmer insert for inductive load

AC 230 V

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).

**(Phase control)**

With memory function, can be switched off.



- To be completed with:** Sensor cover, art. no. System M 5776..., 5701..., 5704..., System Basis 5741..., System Design 5737..., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779..., 5703..., 5711..., System Basis 5748..., System Design 5709..., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691..., 5692..., 5693..., 5695...

**Extension unit operation:** With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

- Technical Information:** Phase control dimmer (⇒ p. 454); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
20-500 VA	573599	1/60	8	



### Memory ET super dimmer insert for capacitive load

AC 230 V

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).

**(Phase alignment)**

Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps. With memory function, can be switched off.



- To be completed with:** Sensor cover, art. no. System M 5776..., 5701..., 5704..., System Basis 5741..., System Design 5737..., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779..., 5703..., 5711..., System Basis 5748..., System Design 5709..., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691..., 5692..., 5693..., 5695...

**Extension unit operation:** With mechanical push-buttons. With universal relay insert, art. no. 575897, with preset push-button function.

- Technical Information:** Phase alignment dimmer (⇒ p. 455); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
20-315 W	577899	1/60	8	

#### DIN rail mounted memory super dimmers

- Memory: When the light is switched on, it has the last set brightness level.
- For installation in the distribution board on 35 mm DIN rail in accordance with DIN EN 50022.
- Device width: 35 mm = 3 modules.
- Interference immunity in line with VDE 0639.

- Technical Information:** Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451); Lamps/dimmer matrix (⇒ p. 458)



### Built-in memory halogen super dimmer for inductive load

AC 230 V

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).

**(Phase control)**

With memory function, can be switched off.



- Accessories:** Light attachment for rotary dimmer, art. no. 396476.

**Extension unit operation:** With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

- Technical Information:** Phase control dimmer (⇒ p. 454)

Version	Art. no.	PU	PG	Info
20-500 VA, light grey	573529	1/50	8	



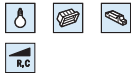
## Built-in memory ET super dimmer for capacitive load

**AC 230 V**

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).

**(Phase alignment)**

Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps. With memory function, can be switched off.



- Accessories: Light attachment for rotary dimmer, art. no. 396476.

**Extension unit operation:** With mechanical push-buttons. With universal relay insert, art. no. 575897, with preset push-button function.

- Technical Information:** Phase alignment dimmer (⇒ p. 455)

Version	Art. no.	PU	PG	Info
20-280 W, light grey	<b>577829</b>	1/50	8	

### Electronic switch and push-button inserts

- Technical Information:** Electronics (⇒ p. 446)



## Electronic switch insert

**AC 230 V**

For ohmic load such as incandescent lamps, 230 V halogen lamps.

**Switching capacity:** 25-400 W

**Neutral conductor: not** required (2 conductor system)



- To be completed with:** Sensor cover, art. no. System M 5776..., 5701..., 5704..., System Basis 5741..., System Design 5737..., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779..., 5703..., 5711..., System Basis 5748..., System Design 5709..., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691..., 5692..., 5693..., 5695... In the radio system with sensor cover with radio receiver, art. no. System M 5931..., System Design 5930...

**Extension unit operation:** With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

- Technical Information:** Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)
- Note:** Only the "toggle function" can be realised in conjunction with the radio system. The electronic switch insert, cannot be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
25-400 W	<b>575799</b>	1/50	8	



## Electronic push-button insert

**AC 230 V**

Pulse generator for surge switches or protective circuits.

The switching function is determined by the surge switch or protective circuit used.

**Connected load:** 4-100 VA

**Switching current:** 10-500 mA

**Pulse duration:** approx. 40 ms

**Neutral conductor: not** required (2 conductor system)

- To be completed with:** Sensor cover, art. no. System M 5776..., 5701..., 5704..., System Basis 5741..., System Design 5737..., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779..., 5703..., 5711..., System Basis 5748..., System Design 5709..., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691..., 5692..., 5693..., 5695...

**Extension unit operation:** With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

- Technical Information:** Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
4-100 VA	<b>574697</b>	1/60	8	



## Electronic time switch insert

**AC 230 V**

For ohmic loads such as incandescent lamps and 230 V halogen lamps.

Fully electronic timer. Time range 5 s - 5 min.



**Connected load:** 25-400 W

**Neutral conductor: not** required (2 conductor system)

- To be completed with:** Sensor cover, art. no. System M 5776..., 5701..., 5704..., System Basis 5741..., System Design 5737..., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779..., 5703..., 5711..., System Basis 5748..., System Design 5709..., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691..., 5692..., 5693..., 5695...

**Extension unit operation:** With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

- Technical Information:** Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
25-400 W	<b>575697</b>	1/60	8	



## Relay universal insert

**AC 230 V**

For ohmic, inductive and capacitive loads such as incandescent lamps, energy-saving lamps, LV halogen lighting with conventional transformer, electronic transformers, fluorescent lamps.



**Neutral conductor required.**

**Functions:**

- Push-button function: switched on as long as the push-button is touched, max. 1 minute
- Switching function: ON/OFF
- Time function: 5 s to 1 h

**Connected load:** max. 1000 W/VA, 500 VA for LV halogen lamps with conventional transformer, max. 140 µF capacitive load

- ▣ **To be completed with:** Sensor cover, art. no. System M 5776..., 5701..., 5704..., System Basis 5741..., System Design 5737..., OCTOCOLOR 5742... or TELE sensor cover, art. no. System M 5779..., 5703..., 5711..., System Basis 5748..., System Design 5709..., OCTOCOLOR 5749... In the TRACENT range with control electronics, 1-gang, art. no. 569090 and TRACENT glass sensor covers, art. no. 5691..., 5692..., 5693..., 5695...

**Extension unit operation:** With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

- **Technical Information:** Electronic sensor switch (⇒ p. 448); TRACENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
max. 1000 W/VA	<b>575897</b>	1/50	8	



## Roller shutter/two-circuit insert

**AC 230 V, 50-60 Hz**

Neutral conductor **required**.

**Switching capacity:** AC 230 V, 1000 W/VA for both channels together

**Capacitive load:** AC 230 V, max. 140 µF

**Power consumption:** <1 W

**Wire range:** max. 2x2.5 mm<sup>2</sup>

- ▣ **To be completed with:** Roller shutter control electronics, art. no. 569092, two-circuit control electronics, art. no. 569091.

- **Technical Information:** TRACENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
1000 VA	<b>576499</b>	1/50	8	



## Electronic switch insert

**AC 230 V**

For ohmic load such as incandescent lamps, 230 V halogen lamps.



**Switching capacity:** 40-300 W

**Neutral conductor: not required** (2 conductor system)

- ▣ **To be completed with:** ARGUS 180 flush-mounted sensor module, art. no. System M 5755..., 5784..., System Basis 5782..., System Design 5786..., OCTOCOLOR 5753..., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728..., 5785..., System Basis 5783..., System Design 5795..., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688..., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932..., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034..., 5024..., System Design 5044...

- **Technical Information:** ARGUS flush-mounted overview (⇒ p. 506)

- **Note:** A maximum of two electronic switch inserts may be wired in parallel. The sensor cover with radio receiver for switch inserts, art. no. 5932..., 5933... can be used from version 1A with the electronic switch insert, art. no. 576799. The insert from version 2A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
40-300 W	<b>576799</b>	1/50	8	



## Relay switch insert

**AC 230 V**

For ohmic and complex loads such as incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.



**Switching capacity:** 0-1000 VA

**Capacitive load:** max. 140 µF

**Neutral conductor: required** (3 conductor system)

- ▣ **To be completed with:** ARGUS 180 flush-mounted sensor module, art. no. System M 5755..., 5784..., System Basis 5782..., System Design 5786..., OCTOCOLOR 5753..., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728..., 5785..., System Basis 5783..., System Design 5795..., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688..., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932..., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034..., 5024..., System Design 5044...

- **Technical Information:** ARGUS flush-mounted overview (⇒ p. 506)

- **Note:** Replace the relay switch insert, art. no. 576899.

Version	Art. no.	PU	PG	Info
0-1000 VA	<b>576897</b>	1/50	8	

## Extension inserts

**Technical Information:** Electronic sensor switch (⇒ p. 448)



### Extension insert

For memory super, halogen super and TELE dimmer, electronic push-button, time switch, relay switch and MET transformers.  
The extension unit **cannot** be controlled remotely. Operated as with main unit.

**To be completed with:** Sensor cover, art. no. System M 5776..., 5701..., 5704..., System Basis 5741..., System Design 5737..., OCTOCOLOR 5742...

**Technical Information:** Electronic sensor switch (⇒ p. 448)

Version	Art. no.	PU	PG	Info
	573999	1/60	8	



### Extension TELE insert

For memory super, halogen super and TELE dimmer, electronic push-button, time switch, relay switch and MET transformers.  
**Neutral conductor required.**  
Can be remote controlled.  
Operated as with main unit.

**To be completed with:** TELE sensor cover, art. no. System M 5779..., 5703..., 5711..., System Basis 5748..., System Design 5709..., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691..., 5692..., 5693..., 5695...

**Technical Information:** Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
	573998	1/60	8	

## Power boosters

**Technical Information:** Dimmer selection (⇒ p. 450)



### Power booster

**AC 230 V**

For power extension of memory super dimmers, TELE dimmers, incandescent and fluorescent lamp dimmers.

The load must be evenly distributed across dimmers and power boosters.  
**(Phase control).**

**To be completed with:** Blanking cover, art. no. System M 3916..., 3918..., 3917..., System Basis 3920..., System Design 3919..., OCTOCOLOR 3926...

**Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 453)

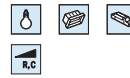
Version	Art. no.	PU	PG	Info
25-600 VA	574099	1/60	8	



### ET power booster for capacitive load

**AC 230 V**

For power extension of ET dimmers (art. no. 577199) or ET super dimmers (art. no. 577899). The load must be evenly distributed across the ET dimmer and the ET power booster.  
**(Phase alignment).**



**To be completed with:** Blanking cover, art. no. System M 3916..., 3918..., 3917..., System Basis 3920..., System Design 3919..., OCTOCOLOR 3926...

**Technical Information:** Phase alignment dimmer (⇒ p. 455)

Version	Art. no.	PU	PG	Info
20-315 W	577399	1/60	8	



### Built-in power booster

**AC 230 V**

For power extension of memory super dimmers, TELE dimmers, incandescent and fluorescent lamp dimmers.

The load must be evenly distributed across dimmers and power boosters.  
**(Phase control).**



**Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 453)

Version	Art. no.	PU	PG	Info
25-500 VA, light grey	574029	1/50	8	

## Remote controls



### IR remote control Distance 2010

10-channel IR remote control. For the control of all TELE sensor covers, blind push-buttons with IR receiver, presence detectors with IR receiver and KNX devices with IR receivers.

**Battery:** 2 microcells (IEC LR 03, AAA)

**Range:** up to 20 m

**Receiver:** TELE sensor cover, art. no. System M 5779..., 5703..., 5711..., System Basis 5748..., System Design 5709..., OCTOCOLOR 5749... Blind push-button with IR receiver and sensor connection, art. no. System M 5880..., 5864..., System Basis 5804..., System Design 5844..., OCTOCOLOR 5824... ARGUS Presence with IR receiver, art. no. 550591, 630591. KNX IR receiver flush-mounted art. No. System Design 6235.. KNX multi-function push-button with IR receiver, art. no. 623008 System M 6292..., 6242..., 6274..., 6236..., 6175..., 6279..., System Design 6228..., Plantec 626008, 623008. Push-button, 4-gang plus with IR receiver, art. no. System M 6175..., 6279...

**Contents:** Without battery.

Version	Art. no.	PU	PG	Info
black	570222	1/48	8	



## CONNECT radio universal remote control

20 channel radio remote control and IR remote control in a single device. For operating the radio receiver of the Merten CONNECT radio system and TV, VCR/DVD, SAT, AMP.

Radio features: **System administrator (see note)**

### Functions:

- Update via the Internet
- IR functions are programmable via code input or via direct teaching in
- Macro functions

**Radio:** 20 channels, 20 scenes

**Radio Range:** up to 100 m free field, up to 30 m indoors

**IR Range:** up to 15 m

**Battery:** 4 microcells (IEC LR 03, AAA)

**Display elements:** 5 LEDs for status display and programming

**Dimensions:** 225 x 50 x 27 mm (H x W x D)



▶ **Receiver:** All receivers of the Merten CONNECT radio system.

▶ **Note:** The device can assume the features and characteristics of the system administrator. As it concerns a mobile device we recommend that you preferably select a fixed device as system administrator. Instead use for example a CONNECT radio push-button, 1-gang.

**Contents:** With battery. With a codes table for nearly all conventional devices, like TV, VCR, DVD, SAT, AUX, ...

**Availability:** Available July 2007.

Version	Art. no.	PU	PG	Info
black	506922	1/1	8	

## TV/audio



## Broadband cable/satellite through-way box, 2-gang

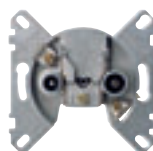
DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for loop-through systems in broadband cable, communal aerial and satellite distribution systems.

Suitable for flush-mounted boxes of Ø 55-65 mm. With claw and screw fixing.

▶ **To be completed with:** Central plate for antenna socket-outlet, art. no. System M 2967..., 2975..., System Basis 2948..., System Design 2941..., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466098	1/54	1	



## Broadband cable/satellite antenna branch-circuit box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for branch-circuit and star-type distribution systems in broadband cable, communal aerial and satellite distribution systems. With DC transmission via the TV connection. Suitable for flush-mounted boxes of Ø 55-65 mm.

With claw and screw fixing.

**DC transmission:** max. 24 V/400 mA

**Signal:** 22 kHz and DiSEqC



▶ **To be completed with:** Central plate for antenna socket-outlet, art. no. System M 2967..., 2975..., System Basis 2948..., System Design 2941..., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466099	1/54	1	



## Satellite antenna socket-outlet, 3-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Single satellite socket-outlet, 3-gang. For individual branch-circuit and star-type distribution systems in communal aerial and satellite distribution systems. With DC transmission via the satellite connection. Suitable for flush-mounted boxes of Ø 55-65 mm.

With claw and screw fixing.

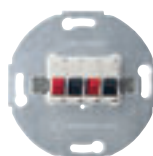
**DC transmission:** max. 24 V/320 mA

**Signal:** 22 kHz and DiSEqC



▶ **To be completed with:** Central plate for antenna socket-outlet, art. no. System M 2967..., 2975..., System Basis 2948..., System Design 2941..., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466097	1/54	1	



## Loudspeaker connection insert, 2-gang

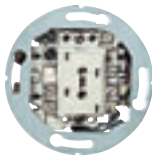
The poles are labelled in different colours. Conductor cross-section up to max. 10 mm<sup>2</sup>.

With quick plug-in terminals. With screw terminals on the back.

▶ **To be completed with:** Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
polar white	467019	10/50	1	
anthracite	467014	10/50	1	

## Communications inserts and accessories



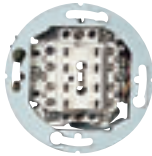
### Telephone socket-outlet ADo 4

For connecting analogue terminal units.

- To be completed with:** Central plate for telephone socket-outlet ADo, art. no. System Basis 2930..., OCTOCOLOR 2937...

**Accessories:** Telephone socket-outlet ADo S 4, art. no. 465404.

Version	Art. no.	PU	PG	Info
4-pole, white	<b>465104</b>	10/40	1	



### Telephone socket-outlet ADo 8

**Codeable**

For connecting analogue terminal units.

- To be completed with:** Central plate for telephone socket-outlet ADo, art. no. System Basis 2930..., OCTOCOLOR 2937...

**Accessories:** Telephone socket-outlet ADo S 8, art. no. 465408.

- Contents:** A setting knob for coding is included in every pack of 10.

Version	Art. no.	PU	PG	Info
8-pole, white	<b>465108</b>	10/40	1	



### Telephone plug ADo S 4

For telephone socket-outlet ADo.

- To be completed with:** Telephone socket-outlet ADo 4, art. no. 465104.

Version	Art. no.	PU	PG	Info
4-pole, white	<b>465404</b>	5/250	1	



### Telephone plug ADo S 8

For telephone socket-outlet ADo.

- To be completed with:** Telephone socket-outlet ADo 8, art. no. 465108.

Version	Art. no.	PU	PG	Info
8-pole, white	<b>465408</b>	5/250	1	

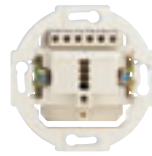


### Telephone connector VDo 4

For central plate with cable outlet for telephone connector VDo 4.

- To be completed with:** Central plate with cable outlet for telephone connector VDo, art. no. System M 2968..., 2955..., System Basis 3925..., OCTOCOLOR 3927...

Version	Art. no.	PU	PG	Info
4-pole, white	<b>465304</b>	10/40	1	



### Telephone socket-outlet TAE, 1-gang

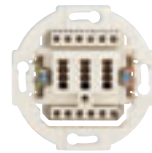
**For the German market.**

For connecting an analogue telephone.  
With screw terminals.

**1×6 F:** 1 telephone

- To be completed with:** Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
1x6 F, white	<b>465206</b>	10/50	1	



### Telephone socket-outlet TAE, 3-gang

**For the German market.**

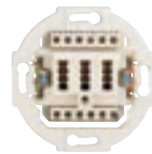
For connecting analogue telephones/ancillary units.  
With screw terminals.

**2×6/6 NF/F:** 2 telephones, 1 ancillary unit

**3×6 NFN:** 1 telephone, 2 ancillary unit

- To be completed with:** Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
2×6/6 NF/F, white	<b>465226</b>	10/50	1	
3x6 NFN, white	<b>465236</b>	10/50	1	



### Telephone socket-outlet TDO 3x10

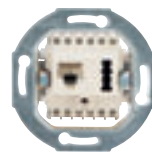
**For the Austrian market.**

For connecting analogue terminal units.

- To be completed with:** Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938... Intermediate ring for combination inserts in line with DIN 49075, art. no. System M 5185..., 5181..., System Basis 5171..., System Design 5160..., OCTOCOLOR 5168... Intermediate ring with hinged lid for combination inserts in line with DIN 49075, art. no. System M 5186..., 5182..., System Basis 5174...

- Can only be ordered via Merten in Vienna.**

Version	Art. no.	PU	PG	Info
white	<b>465930</b>	1/1	1	



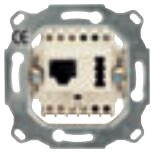
### Combination socket-outlet RJ45/TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector.  
With screw terminals.

- To be completed with:** Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938...

- Technical Information:** Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	<b>465707</b>	1/60	1	



## Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950..., 6951...)

With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

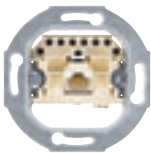
**Cable length:** max. 50 m

**Transmission rate:** max. 100 Mbit/s

- ▶ **To be completed with:** Central plate for telephone socket-outlet TAE, art. no. System M 2960..., 2979..., System Basis 2928..., System Design 2978..., OCTOCOLOR 2938...

■ **Technical Information:** Line 21 Combination socket-outlet RJ45/TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	465709	1/60	1	



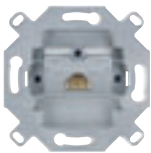
## RJ45 insert 8

For connecting analogue or digital terminals using an 8-pole RJ45 socket.

With screw terminals.

- ▶ **To be completed with:** Central plate for RJ45 insert, 1-gang, art. no. System M 2962..., 2983..., System Basis 2917..., System Design 2918...

Version	Art. no.	PU	PG	Info
	465720	10/50	1	



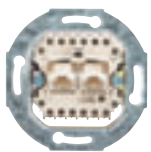
## RJ45 insert 8 Cat 5e

For connecting analogue or digital terminals using an 8-pole RJ45 socket.

Connection via LSA terminals.

- ▶ **To be completed with:** Central plate for RJ45 insert, 1-gang, art. no. System M 2962..., 2983..., System Basis 2917..., System Design 2918...

Version	Art. no.	PU	PG	Info
	465721	1/50	1	



## RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.

With screw terminals.

- ▶ **To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

■ **Technical Information:** RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	465701	10/40	1	



## Line 21 RJ45 insert 8/8

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950..., 6951...)

With 4 screw terminals for the installation line and 2 for analogue telephony.

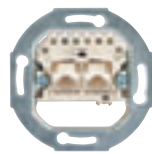
**Cable length:** max. 50 m

**Transmission rate:** max. 100 Mbit/s

- ▶ **To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

■ **Technical Information:** Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	



## RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.

With screw terminals.

- ▶ **To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

■ **Technical Information:** RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	465702	10/40	1	



## RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.

Connection via LSA terminals.

- ▶ **To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	465703	1/50	1	



## RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.

Connection via LSA terminals.

- ▶ **To be completed with:** Central plate for RJ45 insert, 2-gang, art. no. System M 2961..., 2980..., System Basis 2927..., System Design 2926..., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	465706	1/50	1	



## Modular jack connector, Cat 3

WE Western type.  
In line with US FCC 86, Cat 3.  
Connection with IDC clamping method.  
Pin configuration Telecom/ISDN modular jack/8-pole: 1a/4, 1b/5, 2a/3, 2b/6.

- To be completed with:** Supporting plate for modular jack connector, art. no. 461590. Insert for modular jack connector, art. no. System M 464398, System Basis 461398, System Design 464398, OCTOCOLOR 463398. Central plate for modular jack connector, art. no. System M 2901..., 2957..., System Basis 2929...

Version	Art. no.	PU	PG	Info
6-pole RJ 11/ Cat. 3, black	<b>465516</b>	5/250	1	
8-pole RJ 45/ Cat. 3, black	<b>465518</b>	5/250	1	



## Modular jack connector, Cat 5

WE Western type.  
In line with US FCC 86, Cat 5.  
Connection via LSA terminals.

- To be completed with:** Supporting plate for modular jack connector, art. no. 461593. Insert for modular jack connector, art. no. System M 464399, System Basis 461399, System Design 464399, OCTOCOLOR 463399.

Version	Art. no.	PU	PG	Info
8-pole RJ 45/ Cat. 5, black	<b>465595</b>	5/200	1	



## D-type socket connector, 9-pole

Solder connection max. 0.6 mm<sup>2</sup>.

- To be completed with:** Central plate for D-type subminiature connector, 9-pole, art. no. System M 4676..., 4681..., System Basis 4601... Insert for D-type subminiature connector, 9-pole, art. no. System M 464391, System Basis 461391, System Design 464391, OCTOCOLOR 463391.

- Contents:** With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
9-pole	<b>465009</b>	5/500	1	



## D-type socket connector, 15-pole

Solder connection max. 0.6 mm<sup>2</sup>.

- To be completed with:** Central plate for D-type subminiature connector, 15-pole, art. no. System M 4677..., 4682..., System Basis 4602... Insert for D-type subminiature connector, 15-pole, art. no. System M 464392, System Basis 461392, System Design 464392, OCTOCOLOR 463392.

- Contents:** With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
15-pole	<b>465015</b>	5/500	1	



## D-type socket connector, 25-pole

Solder connection max. 0.6 mm<sup>2</sup>.

- To be completed with:** Central plate for D-type subminiature connector, 25-pole, art. no. System M 4678..., 4683..., System Basis 4603... Insert for D-type subminiature connector, 25-pole, art. no. System M 464393, System Basis 461393, System Design 464393, OCTOCOLOR 463393.

- Contents:** With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
25-pole	<b>465025</b>	5/500	1	



## BNC connector Ø 12.5 mm

Crimp connection up to Ø 6 mm.

- To be completed with:** Central plate for BNC/TNC socket, art. no. System M 4691..., 4685..., 4686..., System Basis 4605... Insert for BNC/TNC sockets, art. no. System M 464395, System Basis 461395, System Design 464395, OCTOCOLOR 463395.

Version	Art. no.	PU	PG	Info
	<b>465010</b>	5/500	1	



## Reichle & De-Massari connection module, unshielded

Connection with ICD clamping method (no equipment necessary).

- To be completed with:** Insert for Reichle & De-Massari, art. no. 464384.

**Accessories:** Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
Cat 5e, 1xRJ45/u	<b>465580</b>	2/100	1	
Cat 6, 1xRJ45/u	<b>465582</b>	2/100	1	



## Reichle & De-Massari connection module, shielded

Connection with ICD clamping method (no equipment necessary).

- To be completed with:** Insert for Reichle & De-Massari, art. no. 464384.

**Accessories:** Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
Cat 5e, 1xRJ45/s	<b>465581</b>	2/100	1	
Cat 6, 1xRJ45/s	<b>465583</b>	2/100	1	



## Reichle & De-Massari splash flange

In the AQUADESIGN switch range, protection type IP 44 is achieved for all Reichle & De Massari modules with the splash flange.

- To be completed with:** Insert for Reichle & De-Massari, art. no. 464384. Reichle & De-Massari splash sleeve, art. no. 465590.

- Contents:** 1 PU = 10 pieces.

Version	Art. no.	PU	PG	Info
blue	<b>465591</b>	1/60	1	



## Reichle & De-Massari splash sleeve

The splash sleeve is pulled over the connecting cable. In conjunction with the splash flange, protection type IP 44 is also achieved with plug-in connecting cable.

- To be completed with:** Reichle & De-Massari splash flange, art. no. 465591.

- Note:** Splash installation tool (three-prong pliers) can be ordered directly from Reichle & De-Massari.

Version	Art. no.	PU	PG	Info
transparent	<b>465590</b>	10/600	1	

Accessories for universal inserts



**Neon lamp attachment with integrated lamp**

**AC 230 V, 0.65 mA**

For all 1- and 2-pole switch inserts.  
For monitoring or lighting.

**Contents:** With neon lamp.

Version	Art. no.	PU	PG	Info
grey	<b>396502</b>	10/1000	1	



**Plug-in light attachment E 10**

For all 1- and 2-pole switch inserts.  
For monitoring or lighting.

**Caution!**

For low voltage variants (e.g. 8 V) we recommend a display lamp, 24-30 V, tubular, E 10, up to 25 mm in length.

**To be completed with:** Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

**Contents:** Without neon lamp.

Version	Art. no.	PU	PG	Info
	<b>396576</b>	10/1000	1	



**LED lamp**

**AC/DC 230 V, AC/DC 24 V**

Suitable for plug-in light attachment E 10 or light signal E 10 insert.

**To be completed with:** Plug-in light attachment E 10, art. no. 396576. Light signal E 10 insert, art. no. 319016.

**Note:** Current consumption approx. 20 mA

Version	Art. no.	PU	PG	Info
AC 230 V, red	<b>395120</b>	20/240	1	
AC 230 V, yellow	<b>395121</b>	20/240	1	
AC 230 V, green	<b>395122</b>	20/240	1	
AC 230 V, blue	<b>395123</b>	20/240	1	
AC 230 V, white	<b>395124</b>	20/240	1	
AC 24 V, red	<b>395131</b>	20/240	1	
AC 24 V, yellow	<b>395132</b>	20/240	1	
AC 24 V, green	<b>395133</b>	20/240	1	
AC 24 V, blue	<b>395134</b>	20/240	1	
AC 24 V, white	<b>395135</b>	20/240	1	



**Neon lamp E 10**

**AC 230 V, 0.65 mA**

Low current consumption (approx. 0.65 mA) and low starting voltage (max. 120 V) mean it is particularly suitable for stairwell and fluorescent lamp circuits.

**To be completed with:** Plug-in light attachment E 10, art. no. 396576.

Version	Art. no.	PU	PG	Info
AC 230 V, 0.65 mA	<b>395100</b>	20/4080	1	



**LED light attachment, two-colour, for switch inserts**

**DC 3.3 V, 2 mA**

For all 1- and 2-pole switch inserts.  
For monitoring or lighting applications. The LED light attachment has a two-colour LED (red/green), the colour which lights up depends on the connection concerned.

**To be completed with:** Push-button interface, art. no. 670802, 670804, 763004.

**Note:** When using the push-button interface art. no. 670802, 670804 or 763004, a current limiter is not required. When using with other devices, the voltage must be between 3.3 V and 24 V. Please note that the maximum current must be limited to 30 mA.

**Contents:** With LED.

Version	Art. no.	PU	PG	Info
	<b>396512</b>	1/150	1	



**Light attachment for 3-pole switch**

**AC 400 V, 1.25 mA**

For 3-pole switch.  
Contacts the outside terminals (400 V).

**To be completed with:** Rocker switch insert, art. no. 311300. Rocker switch, art. no. 340339. Rocker control switch, art. no. 372375.

**Contents:** With neon lamp.

Version	Art. no.	PU	PG	Info
AC 400 V, 1.25 mA	<b>396376</b>	5/1020	1	



**Light attachment for rotary dimmer**

**AC 230 V, 0.65 mA**

For all built-in dimmers.

**Contents:** With neon lamp.

Version	Art. no.	PU	PG	Info
	<b>396476</b>	5/1000	8	



**Light signal E 10 insert**

**AC 250 V, max. 3 W**

With E 10 holder and red hood

**To be completed with:** Central plate for light signal insert art. no. System M 3976..., 3978..., System Basis 3977..., OCTOCOLOR 3191... Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

**Accessories:** Hood for light signal E 10, art. no. 319011/12/13/14.

**Contents:** Without neon lamp.

Version	Art. no.	PU	PG	Info
hood, red	<b>319016</b>	10/50	1	



## Hood for light signal E 10

Shatter-proof flat version for light signal E 10 insert.

▣ **Accessories from:** Light signal E 10 insert, art. no. 319016.

Version	Art. no.	PU	PG	Info
red	<b>319011</b>	1/250	1	
green	<b>319012</b>	1/250	1	
clear	<b>319013</b>	1/250	1	
yellow	<b>319014</b>	1/250	1	



## Extension claws

For suspending in the standard claw.  
For the installation of flush-mounted inserts such as switches, push-buttons, socket-outlets etc. in the case of flush-mounted boxes which are built in too deeply.

▣ **Contents:** 1 PU consists of two extension claws and one rubber band.

Version	Art. no.	PU	PG	Info
	<b>533591</b>	50/900	1	



## Assortment of screws in plastic box

Contents:  
20 screws for socket-outlet covers, plain.  
20 screws for socket-outlet covers, black.

Version	Art. no.	PU	PG	Info
	<b>539591</b>	14/224	1	



## Capacitor

**AC 230 V, 0.33 µF**

For use in push-button circuits to prevent flickering of the neon lamp and/or instantaneous switching of the installation relay when several push-buttons with neon lamps are in use.

For interference suppression of inductive loads, e.g. relays, contactors, fluorescent lamps, transformers, if the induction voltage of these devices leads to the retriggering of the ARGUS.

Version	Art. no.	PU	PG	Info
AC 230 V, 0.33 µF	<b>542895</b>	10/450	8	



## Base load

Consists of 4 x 6 watt resistors.  
1 set required per dimmer and per power booster in parallel connection (can be replaced by a 25 watt incandescent lamp).

Version	Art. no.	PU	PG	Info
	<b>542894</b>	1/48	8	



## Replacement fuse

Version	Art. no.	PU	PG	Info
for 400 W	<b>550892</b>	20/4080	8	
for 500/600 VA	<b>550992</b>	20/4080	8	
for 1000 VA	<b>551092</b>	20/4080	8	
for halogen and halogen super dimmers 500 VA	<b>551192</b>	20/4080	8	
for roller shutter control and time switch 1000 VA	<b>551292</b>	20/4080	8	



## Spare battery

For roller shutter controls and time switches.  
The battery has a life of approx. 3-6 years.

Ø**11.5 mm:** art. no. 5761.., 5762..

Ø**15.5 mm:** year of manufacture up to 07.95:  
art. no. 5765.., 5766.., 5781.., 5782..

Version	Art. no.	PU	PG	Info
ø 11.5 mm	<b>576101</b>	10/300	8	
ø 15.5 mm	<b>576102</b>	10/300	8	



## Surge protection module

**AC 230 V, +6 % / -10 %**

For electronic transformers MET and ET dimmers.  
For protecting the transformer or dimmer during parallel operation of fluorescent lamps and other inductive loads with transformers.  
Connection parallel to the input side of the transformer or dimmer. 1 module for max. 10 transformers per circuit is recommended.

**Leakage current:** (8/20) 4.5 kA (1x), 1 kA (100x)

**Residual voltage at discharge current:** (1 kA)  
approx. 1000 V

Version	Art. no.	PU	PG	Info
	<b>552119</b>	1/150	8	



## Surge protection module for socket-outlets

Miniature version of direct line-side fine protection with acoustic fault signal. The module can be installed for example in waterproof SCHUKO socket-outlets.

It is advisable to clearly mark the relevant cover of the socket-outlet.

**Type of protection:** Fine protection

**Failure indication:** Acoustic signal

**Special features:** Test function

Version	Art. no.	PU	PG	Info
orange	<b>533497</b>	1/100	8	



## Surge protection module for socket-outlet combinations

For all combination SCHUKO flush-mounted socket-outlets.  
Suitable for standard size 60 installation box.  
It is advisable to clearly mark the cover of the relevant socket-outlet.

**Mounting depth:** 32 mm

**Type of protection:** Fine protection

**Failure indication:** Acoustic signal

**Special features:** Test function

Version	Art. no.	PU	PG	Info
	533498	1/50	8	



## Potential equalisation angled connector

**DIN 42801 part 2**

Suitable for use as a potential equalisation socket-outlet insert.

Solder connection up to 6 mm<sup>2</sup>.

- ▣ **To be completed with:** Potential equalisation socket-outlet insert, art. no. System M 2904..., 2982..., 2906..., System Basis 2970..., System Design 2973..., OCTOCOLOR 2972...

Version	Art. no.	PU	PG	Info
	297190	10/500	1	



## Labelling software

For professional labelling of DIN A4 labelling sheets in System Basis, System M, System Design and OCTOCOLOR.

Version	Art. no.	PU	PG	Info
	615022	1/20	9.1	