

UNIVERSAL FLUSH-MOUNTED INSERTS ONE INSERT, MANY OPTIONS



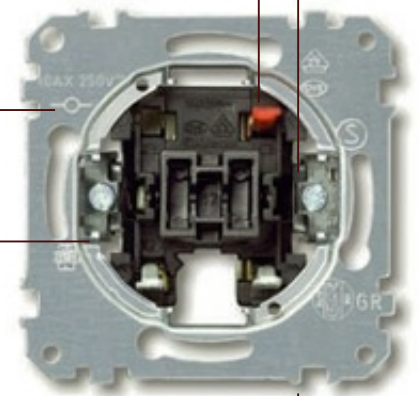
Today ATELIER, tomorrow ARTEC? No problem with Merten's universal flush-mounted inserts. Because when you change the switch range, there's no need to change the insert.

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**

Easily accessible release lever

**Clear labelling:
plug-in terminals for reliable
connection up to a conductor
cross-section of 2.5 mm
Convenient claw attachment**



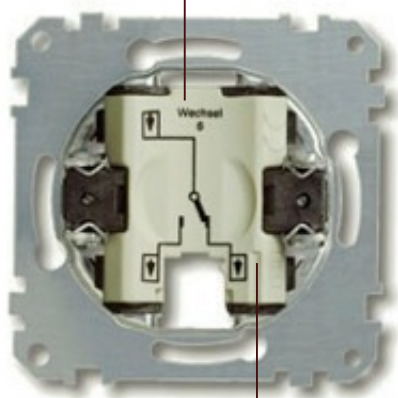
**Simple assembly of multiple
combinations due to interlocking**

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12 UNIVERSAL INSERTS

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Circuit diagrams on the
back of the inserts

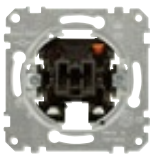


Labelling aid for stripping
the insulation

- 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 23.03.75.
- Notes on materials:
TP: Shatter-proof thermoplastic.
DP: Highly scratch-resistant duroplastic.

Switch and push-button inserts

Technical Information: Circuit diagrams for installation of switches and push-buttons (⇒ p. 395)



Rocker switch insert

10 AX, AC 250 V

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

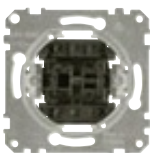


Rocker switch insert

10 AX, AC 250 V

To be completed with: Rocker for two-circuit switch, art. no. 3105..., 4335..., 4125..., 3325..., 3435..., 3445...

Version	Art. no.	PU	PG	Mat.	Info
two-circuit	311500	10/100	1		



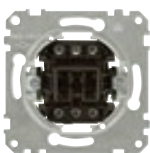
Rocker switch insert

10 AX, AC 250 V

With screw terminals as connecting terminals in accordance with VDE 0632.

To be completed with: Rocker for two-circuit switch, art. no. 3105..., 4335..., 4125..., 3325..., 3435..., 3445...

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



Rocker switch insert

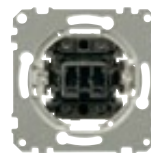
16 AX, AC 400 V

Illuminated.

With screw terminals as connecting terminals in accordance with VDE 0632.

Accessories: Light attachment, art. no. 396376.

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

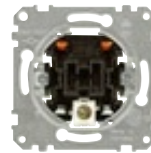


Rocker switch insert

20 A, AC 250 V

With screw terminals as connecting terminals in accordance with VDE 0632.

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



Rocker control switch insert

10 AX, AC 250 V

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

Contents: With neon lamp.

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



Rocker button insert

10 A, 250 V AC

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



Double rocker button insert

10 A, 250 V AC

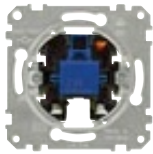
2 separate conducting paths.

Version	Art. no.	PU	PG	Mat.	Info
2 make contacts	315902	10/50	1		
1 make contact/1 break contact	315903	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. 395)



Push-down switch insert

10 AX, AC 250 V

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

Accessories: Plug-in light attachment E 10, art. no. 396576.

Version	Art. no.	PU	PG	Mat.	Info
two-way	330600	10/50	1		
two-circuit	330500	10/50	1		
intermediate	330700	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	Mat.	Info
one-way, 2-pole	332200	10/50	1		
two-way	332600	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

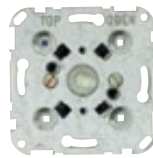
AC 250 V, 16 A (4 A for motors)

Possible deviation of up to + 12 %.

To be completed with: Central plate for time switch insert, 15 min, art. no. 5380..., 5390..., 5383..., 5381... Central plate for time switch insert, 120 min, art. no. 5382..., 5392..., 5384..., 5389...

Technical Information: Circuit diagrams for installation of switches and push-buttons (⇒ p. 396)

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



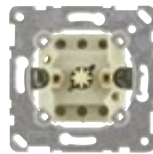
Three-step rotary switch insert

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. 3173..., 3174..., 3169..., 4373...

Version	Art. no.	PU	PG	Mat.	Info
	317400	1/40	8		



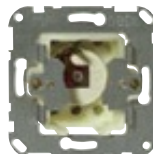
Fan switch insert

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	Mat.	Info
	317100	1/40	8		



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 insert, art. no. 3186..., 3346..., 3181...

Technical Information: Semi-cylinder lock (⇒ p. 426)

Contents: Without lock.

Version	Art. no.	PU	PG	Mat.	Info
2-pole	318601	1/50	8		



Speed control insert

AC 230 V, max. 2.5 A

For stepless speed control of single-phase motors such as induction motors, split-pole motors and universal motors. With separate switch output for slat control.



To be completed with: Central plate for speed controller, art. no. 5736..., 5697..

Technical Information: Dimmer selection (⇒ p. 415)

Version	Art. no.	PU	PG	Mat.	Info
	573699	1/50	8		

Roller shutter switch inserts

Technical Information: Roller shutter switch and push-button
(⇒ p. 426)



Roller shutter rocker switch insert 10 A, 250 V AC

With mechanical reverse lock-out and electrical interlock.

Version	Art. no.	PU	PG	Mat.	Info
1-pole	311501	10/50	1		



Roller shutter rocker button insert 10 A, 250 V AC

With mechanical reverse lock-out and electrical interlock.

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



Roller shutter/two-circuit insert AC 230 V

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 mm²

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

Technical Information: TRANCENT functions and device overview
(⇒ p. 400)

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



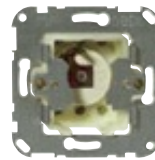
Momentary/maintained-contact switch insert for roller shutters 10 A, 250 V AC

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. 3172..., 3170..., 3192..., 5698...

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



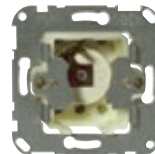
Momentary/maintained-contact switch insert for roller shutters for cylinder locks 10 A, 250 V AC

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. 3185..., 3349..., 3193..., 3482...

Contents: Without lock.

Version	Art. no.	PU	PG	Mat.	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. 3185..., 3349..., 3193..., 3482...

Contents: Without lock.

Version	Art. no.	PU	PG	Mat.	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 mm² or 2x1.5 mm²

To be completed with: Blind push-buttons and blind time switches for the blind control system.

Technical Information: Standard blind control insert, art. no. 580698 (⇒ p. 427)

Version	Art. no.	PU	PG	Mat.	Info
1000 W	580698	1/30	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 mm² or 2x1.5 mm²

- ▣ **To be completed with:** Blind push-buttons and blind time switches for the blind control system.
- ▣ **Accessories:** Wind sensor interface, art. no. 580693.
- ▣ **Technical Information:** Blind control insert with extension input, art. no. 580699 (⇒ p. 427)
- ▣ **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	Mat.	Info
1000 VA	580699	1/30	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. 3920..., 3926..., 3919..., 3918...
- ▣ **Technical Information:** Multiple control relay insert for roller shutters (⇒ p. 432)

Version	Art. no.	PU	PG	Mat.	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 mm²
- Dimensions:** 22x49x52 mm (HxWxD)
- Installation:** (deep) flush-mounted box

- ▣ **To be completed with:** Blanking cover, art. no. 3920..., 3926..., 3919..., 3918...
- ▣ **Technical Information:** Multiple control relay for roller shutters, flush-mounted (⇒ p. 433)

Version	Art. no.	PU	PG	Mat.	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 mm²
- Device width:** 2 modules = approx. 36 mm

- ▣ **Technical Information:** Multiple control relay for roller shutters REG (⇒ p. 434)

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

Room temperature control inserts

Technical Information: Heating control (⇒ p. 449)



Room temperature control insert with switch

With thermal recirculation.
Fourth terminal for night economy.

To be completed with: Central plate for room temperature control insert with switch, art. no. 5361..., 5385..., 5391..., 5397...

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

Version	Art. no.	PU	PG	Mat.	Info
AC 230 V, 10(4) A	536302	1/50	8		
AC 24 V, 1(1) A	536304	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 insert with changeover contact, art. no. 5364..., 5365..., 5374..., 5362...

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

Version	Art. no.	PU	PG	Mat.	Info
AC 230 V, 5(2) A	536400	1/50	8		
AC 24 V, 1(1) A	536401	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. 5372..., 5371..., 5375..., 5358...

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

Version	Art. no.	PU	PG	Mat.	Info
AC 230 V, 10(4) A	537100	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. 415); Dimmer and load types (⇒ p. 416); Lamps/dimmer matrix (⇒ p. 423)



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 up to 600 VA, art. no. 5723..., 5726..., 5720..., 5699...

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 418)

Version	Art. no.	PU	PG	Mat.	Info
60-400 W	572499	1/72	8		
60-600 W, halogen 500 W	572299	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. 418)

Contents: Complete device.

Version	Art. no.	PU	PG	Mat.	Info
60-400 W, white	572174	1/60	8	DP	



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. 418)

Contents: Complete device.

Version	Art. no.	PU	PG	Mat.	Info
60-400 W, white	572124	1/60	8	DP	



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. 418)
- Contents:** Complete device.

Version	Art. no.	PU	PG	Mat.	Info
60-400 W, white	572474	1/60	8	DP	
60-600 W, halogen	572274	1/60	8	DP	
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. 418)
- Contents:** Complete device.

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



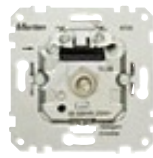
Dimmer insert 1000 W for ohmic load
AC 230 V

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. 5715..., 5717...
- Accessories:** Light attachment for rotary dimmer, art. no. 396476.
- Technical Information:** Phase control dimmer for ohmic loads (⇒ p. 418)
- Note:** Not to be combined with System Basis or System M.

Version	Art. no.	PU	PG	Mat.	Info
75-1000 W/halogen	572799	1/30	8	DP	
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 up to 600 VA, art. no. 5723..., 5726..., 5720..., 5699...

Technical Information: Phase control dimmer (⇒ p. 419)

Version	Art. no.	PU	PG	Mat.	Info
20-500 VA	572599	1/72	8	DP	



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)

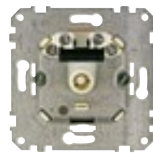
Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps.



- To be completed with:** Central plate for rotary dimmer inserts up to 600 VA, art. no. 5723..., 5726..., 5720..., 5699...

Technical Information: Phase alignment dimmer (⇒ p. 420)

Version	Art. no.	PU	PG	Mat.	Info
20-315 W	577199	1/50	8	DP	



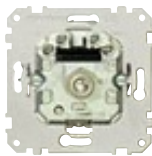
Electronic potentiometer insert
1-10 V

For fluorescent lamps with electronic ballast, electronic MET S transformer (art. no. 577795) or other brands with 1-10 V interface.
With pressure-operated one-way switch 5 A.

- To be completed with:** Central plate for rotary dimmer insert, art. no. 5723..., 5699..., 5720..., 5726...

Technical Information: Control of fluorescent lamps and motors (⇒ p. 422); MET S (⇒ p. 424)

Version	Art. no.	PU	PG	Mat.	Info
	572999	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.



To be completed with: Central plate for rotary dimmer inserts up to 600 VA, art. no. 5723.., 5726.., 5720.., 5699...

Accessories: Base load, art. no. 542894.

Technical Information: Phase control dimmer (⇒ p. 419); Control of fluorescent lamps and motors (⇒ p. 422)

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



Speed control insert

AC 230 V, max. 2.5 A

For stepless speed control of single-phase motors such as induction motors, split-pole motors and universal motors. With separate switch output for slat control.



To be completed with: Central plate for speed controller, art. no. 5736.., 5697..

Technical Information: Dimmer selection (⇒ p. 415)

Version	Art. no.	PU	PG	Mat.	Info
	573699	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. 418)

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

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



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. 418)

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

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

DIN rail mounted 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. 415); Dimmer and load types (⇒ p. 416); Lamps/dimmer matrix (⇒ p. 423)



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. 418)

Version	Art. no.	PU	PG	Mat.	Info
60-500 W, light grey	571829	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. 419)

Version	Art. no.	PU	PG	Mat.	Info
20-500 VA, light grey	572529	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. 420)

Version	Art. no.	PU	PG	Mat.	Info
20-280 W, light grey	577129	1/50	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. 415); Dimmer and load types (⇒ p. 416); Lamps/dimmer matrix (⇒ p. 423)



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)

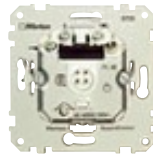


▣ **To be completed with:** Sensor cover, art. no. 5741..., 5701..., 5737..., 5742.. or TELE sensor cover, art. no. 5748..., 5703..., 5709..., 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691..., 5692..., 5693..., 5695...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

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

■ **Technical Information:** Universal dimmer (⇒ p. 421); Electronic sensor switch (⇒ p. 413); TRANCENT functions and device overview (⇒ p. 400); Radio receiver for flush mounting (⇒ p. 438)

Version	Art. no.	PU	PG	Mat.	Info
25-420 VA	577099	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. 5741..., 5701..., 5737..., 5742.. or TELE sensor cover, art. no. 5748..., 5703..., 5709..., 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. 418); Electronic sensor switch (⇒ p. 413); TRANCENT functions and device overview (⇒ p. 400)

Version	Art. no.	PU	PG	Mat.	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. 5741..., 5701..., 5737..., 5742.. or TELE sensor cover, art. no. 5748..., 5703..., 5709..., 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. 419); Electronic sensor switch (⇒ p. 413); TRANCENT functions and device overview (⇒ p. 400)

Version	Art. no.	PU	PG	Mat.	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. 5741..., 5701..., 5737..., 5742.. or TELE sensor cover, art. no. 5748..., 5703..., 5709..., 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. 420); Electronic sensor switch (⇒ p. 413); TRANCENT functions and device overview (⇒ p. 400)

Version	Art. no.	PU	PG	Mat.	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. 415); Dimmer and load types (⇒ p. 416); Lamps/dimmer matrix (⇒ p. 423)



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. 419)

Version	Art. no.	PU	PG	Mat.	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. 420)

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

Electronic switch and push-button inserts

- Technical Information:** Electronics (⇒ p. 412)



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. 5741..., 5701..., 5737..., 5742.. or TELE sensor cover, art. no. 5748..., 5703..., 5709..., 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. 5931..., 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. 413); TRANCENT functions and device overview (⇒ p. 400)

- Note:** Only the "toggle function" can be realised in conjunction with the radio system.

Version	Art. no.	PU	PG	Mat.	Info
25-400 W	575799	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. 5741..., 5701..., 5737..., 5742.. or TELE sensor cover, art. no. 5748..., 5703..., 5709..., 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. 413); TRANCENT functions and device overview (⇒ p. 400)

Version	Art. no.	PU	PG	Mat.	Info
4-100 VA	574697	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.



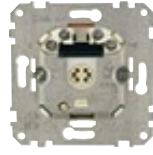
- Connected load:** 25-400 W
- Neutral conductor:** not required (2 conductor system)

■ **To be completed with:** Sensor cover, art. no. 5741..., 5701..., 5737..., 5742.. or TELE sensor cover, art. no. 5748..., 5703..., 5709..., 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. 413); TRANCENT functions and device overview (⇒ p. 400)

Version	Art. no.	PU	PG	Mat.	Info
25-400 W	575697	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. 5741..., 5701..., 5737..., 5742.. or TELE sensor cover, art. no. 5748..., 5703..., 5709..., 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. 413); TRANCENT functions and device overview (⇒ p. 400)

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



Roller shutter/two-circuit insert

AC 230 V

Neutral conductor **required**.

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

Capacitive load: AC 230 V, max. 140 µF

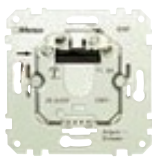
Power consumption: <1 W

Wire range: max. 2x2.5 mm²

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

■ **Technical Information:** TRANCENT functions and device overview (⇒ p. 400)

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



Electronic switch insert

AC 230 V

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

Switching capacity: 25-300 W

Neutral conductor: not required (2 conductor system)



- To be completed with:** ARGUS 180 sensor module, flush-mounted, art. no. 5784..., 5786..., 5782..., 5753..., 5781... ARGUS 180 sensor module with switch, flush-mounted, art. no. 5785..., 5795..., 5783..., 5753... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932..., 5933... ARGUS 180 sensor module, flush-mounted, art. no. 5752..., 5787..., 5799..., 5794.. or ARGUS 180 sensor module with switch, flush-mounted, art. no. 5759..., 5792..., 5798..., 5793...

Technical Information: ARGUS flush-mounted overview (⇒ p. 468); Radio receiver for flush mounting (⇒ p. 438)

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.

Version	Art. no.	PU	PG	Mat.	Info
25-300 W	576799	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 sensor module, flush-mounted, art. no. 5784..., 5786..., 5782..., 5753..., 5781... ARGUS 180 sensor module with switch, flush-mounted, art. no. 5785..., 5795..., 5783..., 5753... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932..., 5933... ARGUS 180 sensor module, flush-mounted, art. no. 5752..., 5787..., 5799..., 5794.. or ARGUS 180 sensor module with switch, flush-mounted, art. no. 5759..., 5792..., 5798..., 5793...

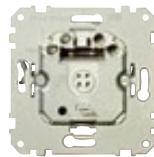
Technical Information: ARGUS flush-mounted overview (⇒ p. 468); Radio receiver for flush mounting (⇒ p. 438)

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

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

Extension inserts

Technical Information: Electronic sensor switch (⇒ p. 413)



Extension insert

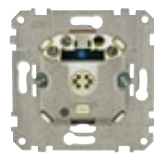
For memory super, halogen super and TELE dimmer, electronic push-button, time switch, relay switch and MET transformers.

The extension unit **cannot** be controlled remotely. Operated as with main unit.

- To be completed with:** Sensor cover, art. no. 5741..., 5701..., 5737..., 5742..

Technical Information: Electronic sensor switch (⇒ p. 413)

Version	Art. no.	PU	PG	Mat.	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. 5748..., 5703..., 5709..., 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. 413); TRANCENT functions and device overview (⇒ p. 400)

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

Power boosters

Technical Information: Dimmer selection (⇒ p. 415)



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. 3920..., 3926..., 3919..., 3918...

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 418)

Version	Art. no.	PU	PG	Mat.	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. 3920..., 3926..., 3919..., 3918...

Technical Information: Phase alignment dimmer (⇒ p. 420)

Version	Art. no.	PU	PG	Mat.	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. 418)

Version	Art. no.	PU	PG	Mat.	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 INSTABUS devices with IR receivers.

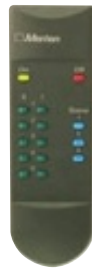
Battery: 2 microcells (IEC LR 03, AAA)

Range: up to 20 m

Receiver: TELE sensor cover, art. no. 5748..., 5703..., 5709..., 5749... Blind push-button with IR receiver, art. no. 5864..., 5844..., 5804..., 5824... ARGUS Presence with IR receiver, art. no. 550591, 630591. INSTABUS IR receiver, flush-mounted, art. no. 6235..., 6218..., 6217... INSTABUS multi-function push-button with IR receiver, art. no. 623008, 6242..., 6236..., 6228...

Contents: Without battery.

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



Radio remote control Distance 5010

15-channel radio remote control. For controlling the radio receiver of the Merten radio system.

Channels: 15

Range: up to 100 m (free field)
up to 30 m (building)

Battery: 2 microcells (IEC LR 03, AAA)

Display elements: Function LED

Receiver: Sensor cover with radio receiver, art. no. 5931..., 5930... Sensor cover with radio receiver for relay switch insert, art. no. 5932..., 5933... Blind push-button with radio receiver and sensor connection, art. no. 5936..., 5935... Plug adapter with radio receiver, art. no. 591019, 591519. Radio receiver, flush-mounted, 1-gang, art. no. 592591. Radio module for ARGUS 220 movement detector, art. no. 565495. Radio repeater, art. no. 595959. INSTABUS radio gateway, flush-mounted, art. no. 680999.

Technical Information: Radio transmitter (⇒ p. 436)

Contents: With battery.

Version	Art. no.	PU	PG	Mat.	Info
black	590722	1/40	8		

Communications inserts and accessories



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. 2948..., 2975..., 2941..., 2943...

Version	Art. no.	PU	PG	Mat.	Info
	466098	10/40	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. 2948..., 2975..., 2941..., 2943...

Version	Art. no.	PU	PG	Mat.	Info
	466099	10/40	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.

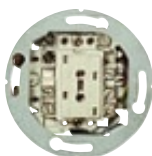
With claw and screw fixing.

DC transmission: max. 24 V/320 mA

Signal: 22 kHz and DiSEqC

- To be completed with:** Central plate for antenna socket-outlet, art. no. 2948..., 2975..., 2941..., 2943...

Version	Art. no.	PU	PG	Mat.	Info
	466097	10/40	1		



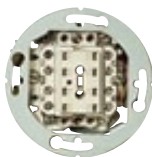
Telephone socket-outlet ADo 4

For connecting analogue terminal units.

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

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

Version	Art. no.	PU	PG	Mat.	Info
4-pole	465104	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. 2930..., 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	Mat.	Info
8-pole	465108	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	Mat.	Info
white/4-pole	465404	5/250	1		

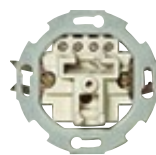


Telephone plug ADo S 8

For telephone socket-outlet ADo.

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

Version	Art. no.	PU	PG	Mat.	Info
white/8-pole	465408	5/250	1		

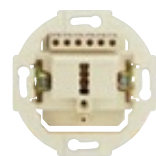


Telephone connector VDo 4

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

- To be completed with:** Central plate with cable outlet for telephone connector VDo 4, art. no. 3925..., 2955..., 3927...

Version	Art. no.	PU	PG	Mat.	Info
4-pole	465304	10/40	1		



Telephone socket-outlet TAE, 1-gang

For the German market.

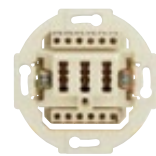
For connecting an analogue telephone.

With screw terminals.

1×6 F: 1 telephone

- To be completed with:** Central plate for telephone socket-outlet TAE, art. no. 2928..., 2979..., 2978.. or 2938...

Version	Art. no.	PU	PG	Mat.	Info
1x6 F	465206	10/40	1		



Telephone socket-outlet TAE, 3-gang

For the German market.

For connecting analogue telephones/ancillary units.

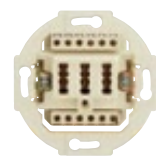
With screw terminals.

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. 2928..., 2979..., 2978.. or 2938...

Version	Art. no.	PU	PG	Mat.	Info
2×6/6 NF/F	465226	10/40	1		
3x6 NFN	465236	10/40	1		



Telephone socket-outlet TDO 3x10

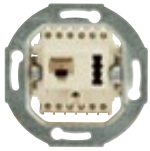
For the Austrian market.

For connecting analogue terminal units.

- To be completed with:** Central plate for telephone socket-outlet TAE, art. no. 2928..., 2979..., 2978.. or 2938... Intermediate ring for combination inserts in line with DIN 49075, art. no. 5171..., 5181..., 5160..., 5188... Intermediate ring with hinged lid for combination inserts in line with DIN 49075, art. no. 5174..., 5182...

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

Version	Art. no.	PU	PG	Mat.	Info
white	465930	1/1	1	TP	

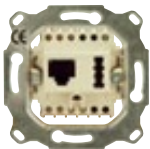


Combination socket-outlet RJ45/TAE (Cat 3)

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. 2928.., 2979.., 2978.. or 2938...
- Technical Information:** Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 443)

Version	Art. no.	PU	PG	Mat.	Info
8(6)-6F+N	465707	1/60	1		



Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

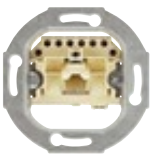
For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)

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. 2928.., 2979.., 2978.. or 2938...
- Technical Information:** Line 21 Combination socket-outlet RJ45/TAE (⇒ p. 442)

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

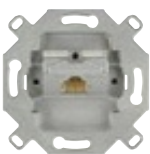


RJ45 insert 8

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. 2917.., 2983.., 2918...

Version	Art. no.	PU	PG	Mat.	Info
	465720	10/40	1		

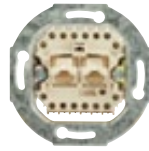


RJ45 insert 8 Cat 5e

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. 2917.., 2983.., 2918...

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

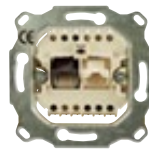


RJ45 insert 8/8

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. 2927.., 2980.., 2926.. or 2920...
- Technical Information:** RJ45 insert 8/8 (⇒ p. 443)

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



Line 21 RJ45 insert 8/8

With integrated Line 21 technology.

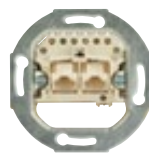
For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)

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. 2927.., 2980.., 2926.. or 2920...
- Technical Information:** Line 21 RJ45 insert 8/8 (⇒ p. 442)

Version	Art. no.	PU	PG	Mat.	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. 2927.., 2980.., 2926.. or 2920...
- Technical Information:** RJ45 insert 2x8 (⇒ p. 443)

Version	Art. no.	PU	PG	Mat.	Info
	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. 2927.., 2980.., 2926.. or 2920...

Version	Art. no.	PU	PG	Mat.	Info
	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. 2927..., 2980..., 2926... or 2920...

Version	Art. no.	PU	PG	Mat.	Info
	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. Central plate for modular jack connector, art. no. 2929..., 2957... Insert for modular jack connector, art. no. 461398, 464398, 463398.

Version	Art. no.	PU	PG	Mat.	Info
black/6-pole RJ 11/ Cat 3	465516	5/250	1		
black/8-pole RJ 45/ Cat 3	465518	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 Cat 5, art. no. 461399, 464399, 463399.

Version	Art. no.	PU	PG	Mat.	Info
black/8-pole RJ 45/ Cat 5	465595	5/200	1		



D-type socket connector, 9-pole

Solder connection max. 0.6 mm².

- To be completed with:** Central plate for D-type plug connectors, 9-pole, art. no. 4601..., 4681... Insert for D-type plug connectors, 9-pole, art. no. 461391, 464391, 463391.
- Contents:** With locking pin for M3 screw.

Version	Art. no.	PU	PG	Mat.	Info
9-pole	465009	5/500	1		



D-type socket connector, 15-pole

Solder connection max. 0.6 mm².

- To be completed with:** Central plate for D-type plug connectors, 15-pole, art. no. 4602..., 4682... Insert for D-type plug connectors, 15-pole, art. no. 461392, 464392, 463392.
- Contents:** With locking pin for M3 screw.

Version	Art. no.	PU	PG	Mat.	Info
15-pole	465015	5/500	1		



D-type socket connector, 25-pole

Solder connection max. 0.6 mm².

- To be completed with:** Central plate for D-type plug connectors, 25-pole, art. no. 4603..., 4604..., 4683... Insert for D-type plug connectors, 25-pole, art. no. 461393, 464393, 463393.
- Contents:** With locking pin for M3 screw.

Version	Art. no.	PU	PG	Mat.	Info
25-pole	465025	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. 4605..., 4685... Insert for BNC/TNC sockets, art. no. 461395, 464395, 463395.

Version	Art. no.	PU	PG	Mat.	Info
	465010	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	Mat.	Info
Cat5e, 1xRJ45/u	465580	2/100	1		
Cat6, 1xRJ45/u	465582	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	Mat.	Info
Cat5e, 1xRJ45/s	465581	2/100	1		
Cat6, 1xRJ45/s	465583	2/100	1		



Reichle & De-Massari splash flange

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	Mat.	Info
blue	465591	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	Mat.	Info
transparent	465590	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	Mat.	Info
grey	396502	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	Mat.	Info
	396576	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	Mat.	Info
AC 230 V, red	395120	20/240	1		
AC 230 V, yellow	395121	20/240	1		
AC 230 V, green	395122	20/240	1		
AC 230 V, blue	395123	20/240	1		
AC 230 V, white	395124	20/240	1		
AC 24 V, red	395131	20/240	1		
AC 24 V, yellow	395132	20/240	1		
AC 24 V, green	395133	20/240	1		
AC 24 V, blue	395134	20/240	1		
AC 24 V, white	395135	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	Mat.	Info
AC 230 V, 0.65 mA	395100	20/4080	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	Mat.	Info
AC 400 V, 1.25 mA	396376	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	Mat.	Info
	396476	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. 3977..., 397819/44, 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	Mat.	Info
red cover	319016	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	Mat.	Info
red	319011	1/250	1		
green	319012	1/250	1		
clear	319013	1/250	1		
yellow	319014	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	Mat.	Info
	533591	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	Mat.	Info
	539591	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	Mat.	Info
AC 230 V, 0.33 µF	542895	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	Mat.	Info
	542894	1/48	8		



Replacement fuse

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



Spare battery

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

Ø11.5 mm: art. no. 5761.., 5762..

Ø15.5 mm: year of manufacture up to 07.95:
art. no. 5765.., 5766.., 5781.., 5782..

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



Surge protection module

AC 230 V, +6 % / -10 %

For electronic transformers MET B, MET D, MET S 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	Mat.	Info
	552119	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	Mat.	Info
orange	533497	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	Mat.	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 mm².

▣ **To be completed with:** Potential equalisation socket-outlet insert, art. no. 2970., 2982., 2973., 2972...

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