

AQUASTAR | IMPACT-RESISTANT | AGRAR | SURFACE-MOUNTED SIMPLY UNBEATABLE



AQUASTAR

Neither moisture, splashing water nor even chemicals can affect AQUASTAR. Thanks to its tough plastic housing, this special surface-mounted range is also extremely resistant to mechanical stresses. The labelling fields ensure clear allocation of all functions and areas of application.

IMPACT-RESISTANT

A range that completely justifies its name. IMPACT-RESISTANT withstands even extreme mechanical conditions, e.g. in workshops. High-quality technical components and first-class thermoplastic materials guarantee long life and functional safety.

AGRAR

Electrical installation material is at risk in agricultural businesses, the chemical industry and in coastal areas. The weather-proof and corrosion-resistant AGRAR range has been specially developed for these demanding areas of application.

SURFACE-MOUNTED

Is a flush-mounted installation not possible or only at considerable expense? Fortunately, the Merten surface-mounted range is available for these cases. It is the ideal solution for extending an existing installation on facing brickwork or on panelling. For example, when renovating an old building.

Surface-mounted housing is available for the M-SMART, M1, ATELIER, ARTEC and OCTOCOLOR switch ranges.

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AQUASTAR



IMPACT-RESISTANT



AGRAR



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Range for damp locations

- Plug-in terminals even for socket-outlets.
- All socket-outlet hinged lids, switches and light signals can be retrofitted with a labelling field.
- All bases are removable.
- Switch inserts with connecting terminals to VDE 0632.
- Can be illuminated as defined by German workplace regulations of 20.03.1975.
- Socket-outlets with connecting terminals to VDE 0620 Part 1.
- Notes on materials:
TP: Tough thermoplastic housing.
DP: Highly scratch-resistant duroplastic (duro).
All external metal parts are made of rustproof material.

■ **Technical Information:** AQUASTAR dimensions (⇒ p. 408)

Switches, push-buttons and accessories

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



Rocker switch
10 AX, AC 250 V

IP 44

Version	Art. no.	PU	PG	Mat.	Info
light grey/two-way	340639	10/60	2	TP	
light grey/two-circuit	340539	10/40	2	TP	
light grey/intermediate	340739	10/40	2	TP	
light grey/one-way, 2-pole	340239	10/40	2	TP	



Rocker switch
10 AX, AC 250 V

IP 44

Version	Art. no.	PU	PG	Mat.	Info
light grey/two-circuit	340539	10/40	2	TP	



Rocker switch
16 AX, AC 400 V

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

IP 44

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

Version	Art. no.	PU	PG	Mat.	Info
light grey/one-way, 3-pole	340339	10/40	2	TP	



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		



Rocker control switch

10 AX, AC 250 V

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

Can be used as a heating emergency switch with the labelling insert supplied.

IP 44

■ **Contents:** With neon lamp (spot light) and labelling insert, art. no. 395939.

Version	Art. no.	PU	PG	Mat.	Info
light grey/two-way	342639	10/40	2	TP	
light grey/one-way, 2-pole	342239	10/40	2	TP	



Rocker button

10 A, 250 V AC

IP 44

■ **Contents:** With labelling insert "Light". We also supply 5 labelling inserts for every 5 buttons: 1 door, 3 bell and 1 neutral.

Version	Art. no.	PU	PG	Mat.	Info
light grey/make contact, 1-pole	344039	10/40	2	TP	
light grey/make contact, 1-pole with separate signalling contact and integral neon lamp	344839	10/40	2	TP	
light grey/two-way, 1-pole	344939	10/40	2	TP	



Light attachment for AQUASTAR

Spot lighting Ø 22.5 mm.

■ **Contents:** With neon lamp.

Version	Art. no.	PU	PG	Mat.	Info
AC 230 V, 0.65 mA	396776	10/1000	2		
12 V/ 2 W	396772	5/300	2		
24 V/ 2 W	396774	5/300	2		



Long light attachment

AC 230 V

With fitted neon lamp.
Current consumption 3.5 mA.

Version	Art. no.	PU	PG	Mat.	Info
AC 230 V	396876	5/300	2		



Heating emergency switch

10 AX, AC 250 V

With imprint "Heating emergency switch".

IP 44

Contents: With long light attachment and double entry for cable and leads.

Version	Art. no.	PU	PG	Mat.	Info
light grey/two-way	342694	10/40	2	TP	
light grey/one-way, 2-pole	342294	10/40	2	TP	



Heating emergency switch

16 AX, AC 400 V

With imprint "Heating emergency switch".

IP 44

Contents: With neon lamp and double entry for cable and leads.

Version	Art. no.	PU	PG	Mat.	Info
light grey/one-way, 3-pole	340394	10/40	2	TP	



Two-way pull-cord switch

10 AX, AC 250 V

Duroplastic housing.

IP 44

Version	Art. no.	PU	PG	Mat.	Info
light grey/two-way	346629	5/30	2	DP	

Roller shutter switches

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



Roller shutter rocker switch

10 A, 250 V AC

With mechanical reverse lock-out and electrical interlock.

IP 44

Version	Art. no.	PU	PG	Mat.	Info
light grey/1-pole	341539	10/40	2	TP	



Roller shutter rocker button

10 A, 250 V AC

With mechanical reverse lock-out and electrical interlock.

IP 44

Version	Art. no.	PU	PG	Mat.	Info
light grey/1-pole	345539	10/40	2	TP	



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

10 A, 250 V AC

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

IP 44

Contents: Without lock.

Version	Art. no.	PU	PG	Mat.	Info
light grey/2-pole	347639	1/24	8	TP	



Roller shutter push-button for cylinder locks

10 A, 250 V AC

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

IP 44

Contents: Without lock.

Version	Art. no.	PU	PG	Mat.	Info
light grey/2-pole	347939	1/24	8	TP	

SCHUKO socket-outlets



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With labelling option and labelling insert.
With plug-in terminals as connecting terminals in accordance with VDE 0620 Part 1.

IP 44

Accessories: Labelling insert, art. no. 235539.

Version	Art. no.	PU	PG	Mat.	Info
light grey	238039	10/60	2	TP	



SCHUKO socket-outlet, lockable

16 A, AC 250 V, DIN 49440

With labelling option and labelling insert.
With plug-in terminals as connecting terminals in accordance with VDE 0620 Part 1.

IP 44

Accessories: Labelling insert, art. no. 235539.

Contents: With security lock, 2 keys per socket-outlet.

Version	Art. no.	PU	PG	Mat.	Info
different locks, light grey	238139	1/30	2	TP	
identical locks, lock no. 200, light grey	238104	1/30	2	TP	
2 identical locks, double set, light grey	238105	1/18	2	TP	



SCHUKO double socket-outlet, horizontal arrangement

16 A, AC 250 V, DIN 49440

Arranged horizontally and wired together.
With labelling option and labelling insert.
With 4 cable entries.
With plug-in terminals as connecting terminals in accordance with VDE 0620 Part 1.

Accessories: Labelling insert, art. no. 235539.

Version	Art. no.	PU	PG	Mat.	Info
light grey	239039	5/30	2	TP	



SCHUKO double socket-outlet, vertical arrangement

16 A, AC 250 V, DIN 49440

Arranged vertically and wired together.
With labelling option and labelling insert.
With 2 cable entries.
With plug-in terminals as connecting terminals in accordance with VDE 0620 Part 1.

IP 44

Accessories: Labelling insert, art. no. 235539.

Version	Art. no.	PU	PG	Mat.	Info
light grey	239139	5/30	2	TP	



SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

With labelling option and labelling insert.
The bases are wired together. With 5 cable entries.
The inserts can be replaced with any other devices in the AQUASTAR range.
With plug-in terminals as connecting terminals in accordance with VDE 0620 Part 1.

IP 44

Accessories: Labelling insert, art. no. 235539.

Version	Art. no.	PU	PG	Mat.	Info
light grey	239739	1/14	2	TP	



Combination SCHUKO socket-outlet/two-way switch

SCHUKO socket-outlet: 16 A, AC 250 V, DIN 49440.
Combined with two-way switch: 10 AX, AC 250 V.
The inserts can be replaced with any other devices in the AQUASTAR range.

IP 44

Accessories: Labelling insert, art. no. 235539.

Version	Art. no.	PU	PG	Mat.	Info
light grey	227239	5/30	2	TP	

Accessories



Label set

All AQUASTAR switches and AQUASTAR light signals E 14 can be labelled using these labelling inserts. The labelling insert is suitable for use with a type-writer.

Contents: 5 white inserts.

Version	Art. no.	PU	PG	Mat.	Info
neutral	395539	1/1000	2		
light	395639	1/1000	2		
door	395739	1/1000	2		
bell	395839	1/1000	2		
heating emergency switch	395939	1/1000	2		
for 3-pole, one-way switch 340339/94	395339	1/1000	2		



Labelling insert

All AQUASTAR socket-outlets can be labelled using the labelling insert. The labelling insert is suitable for use with a type-writer.

Contents: Transparent labelling insert and labelling strips.

Version	Art. no.	PU	PG	Mat.	Info
white	235539	10/1000	2		



Light signal E 14

AC 250 V, max. 5 W

With flat, red hood for max. 5 watt. For neon and incandescent lamps of max. 38 mm in length. Can be retrofitted with a shatter-proof dome for max. 10 watt.

IP 44

To be completed with: Incandescent lamp E 14, art. no. 396676. Dome for light signal E 14, art. no. 396611/12/13.

Accessories: Dome for light signal E14, art. no. 396611/12/13.

Contents: Without neon lamp.

Version	Art. no.	PU	PG	Mat.	Info
light grey	348039	1/30	2	TP	



Incandescent lamp E 14

AC 250 V, 5 W

Particularly suited to light signal E 14 with flat hood.

To be completed with: Light signal E 14 insert, art. no. 348039.

Version	Art. no.	PU	PG	Mat.	Info
AC 230 V, 5 watts	396676	5/1020	2		



Dome for light signal E 14

Break-proof, high version for neon lamps in accordance with DIN 49850 and tubular lamps in accordance with DIN 49852, form A up to a max. of 10 watts, e.g. ERG type RL/E 14, 10 W.

To be completed with: Light signal E 14 insert, art. no. 378075. Light signal E 14 insert, art. no. 348039.

Version	Art. no.	PU	PG	Mat.	Info
green	396612	2/80	2		
red	396611	2/80	2		
clear	396613	2/80	2		



Double entry

For cables and leads.

Version	Art. no.	PU	PG	Mat.	Info
grey	536062	10/1000	2	TP	



Slide with gland

For M20 x 1.5 steel armoured conduit with thread or M20 x 1.5 compression gland.

Version	Art. no.	PU	PG	Mat.	Info
grey	535563	10/300	2	TP	



Connecting element

For close arrangement of several devices.

Version	Art. no.	PU	PG	Mat.	Info
grey	535962	10/500	2	TP	



Conduit entry

For plastic tubes in accordance with 49016. Internal diameter 18.7 mm and external diameter 25 mm.

Version	Art. no.	PU	PG	Mat.	Info
grey	534062	10/240	2	TP	



Mini-trunking entry

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Mat.	Info
grey	534162	10/240	2	TP	

- Switch inserts with connecting terminals to VDE 0632.
- Can be illuminated as defined by German workplace regulations of 20.03.1975.
- Socket-outlets with connecting terminals to VDE 0620 Part 1.
- Notes on materials:
TP: Shatter-proof thermoplastic.
All external metal parts are made of rustproof material.

■ **Technical Information:** IMPACT-RESISTANT dimensions (⇒ p. 408)
; IMPACT-RESISTANT material durability (⇒ p. 409)

Switches, push-buttons and accessories

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



Rocker switch

16 AX, AC 250 V

Illuminated.

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

IP66

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

Version	Art. no.	PU	PG	Mat.	Info
blue/two-way	370675	10/20	2	TP	
blue/intermediate	370775	10/20	2	TP	



Rocker control switch

16 AX, AC 250 V

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

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

IP66

■ **Contents:** With neon lamp.

Version	Art. no.	PU	PG	Mat.	Info
blue/two-way	372675	10/20	2	TP	
blue/one-way, 2-pole	372275	10/20	2	TP	



Rocker control switch

16 AX, AC 400 V

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

IP66

■ **Contents:** With light attachment for 3-pole switch, art. no. 396376.

Version	Art. no.	PU	PG	Mat.	Info
blue/one-way, 3-pole	372375	10/20	2	TP	



Rocker button

10 A, 250 V AC

Illuminated.

With plug-in terminals as connecting terminals in accordance with VDE 0632.

IP66

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

■ **Contents:** 1 light, 1 door, 1 bell per push-button.

Version	Art. no.	PU	PG	Mat.	Info
blue/make contact, 1-pole, with separate signalling contact	375975	10/20	2	TP	
blue/two-way, 1-pole	375998	10/20	2	TP	
blue/break contact, 1-pole, with separate signalling contact	375997	10/20	2	TP	



Symbols, rectangular

For rockers and switches with square opening.

Version	Art. no.	PU	PG	Mat.	Info
clear/neutral	395569	100/4000	1		
clear/light	395669	100/4000	1		
clear/door	395769	100/4000	1		
clear/bell	395869	100/4000	1		
red transp./neutral	395900	100/4000	1		



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		

SCHUKO socket-outlets

- Connecting terminals in accordance with VDE 0620 Part 1.



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

Removable base.
With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.



Version	Art. no.	PU	PG	Mat.	Info
blue	279075	10/20	2	TP	



SCHUKO socket-outlet with information field

16 A, AC 250 V, DIN 49440

With information field and removable base.
With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.



Version	Art. no.	PU	PG	Mat.	Info
blue	279091	10/20	2	TP	



SCHUKO workbench socket-outlet

16 A, AC 250 V, DIN 49440

1-pole fuse-protected.
Fine-wire fuse T 10 A in accordance with DIN 41571.
Removable base.
With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.



Contents: 2 cable entries.

Version	Art. no.	PU	PG	Mat.	Info
blue	279175	10/20	2	TP	



SCHUKO double socket-outlet

16 A, AC 250 V, DIN 49440

With break-out cable entries on all sides.
The base is fixed to the lower section.
With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.



Contents: 2 cable entries.

Version	Art. no.	PU	PG	Mat.	Info
blue	229275	5/10	2	TP	



SCHUKO double socket-outlet, vertical

16 A, AC 250 V, DIN 49440

With break-out cable entries on all sides.
The base is fixed to the lower section.
With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.



Contents: 2 cable entries.

Version	Art. no.	PU	PG	Mat.	Info
blue	229286	1/20	2	TP	



SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

With break-out cable entries on all sides.
The inserts can be replaced with any other devices in the IMPACT-RESISTANT range.
With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.

Contents: 2 cable entries.

Version	Art. no.	PU	PG	Mat.	Info
blue	229375	2/8	2	TP	



Mobile SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

The bases are wired together.
Suitable for cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.
With plastic hanger (strain relief) and bend protection sleeve.
With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.

Version	Art. no.	PU	PG	Mat.	Info
blue	229393	2/8	2	TP	



Mobile SCHUKO triple socket-outlet with 5 m incoming cable

16 A, AC 250 V, DIN 49440

With 5 m incoming cable H 07 RN-F 3 G 1.5 mm² and all-rubber SCHUKO plug, art. no. 122051.
With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.

Version	Art. no.	PU	PG	Mat.	Info
blue	229395	1/4	2	TP	



Combination SCHUKO socket-outlet/two-way switch

SCHUKO socket-outlet: 16 A, AC 250 V, DIN 49440.
Combined with two-way switch: 16 AX, AC 250 V.
With break-out cable entries on all sides.
The inserts can be replaced with any other devices in the IMPACT-RESISTANT range.
With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.

Contents: 2 cable entries.

Version	Art. no.	PU	PG	Mat.	Info
blue	227875	1/20	2	TP	

Socket-outlets



CEE 17 socket-outlet

220 to 240 V, 16 A, 6 h

2 P + \perp , in line with DIN 49462
With information field.
With screw terminals.

Note: The upper section can be combined with the lower sections of art. no. 227875, 229286 and 229375.

Version	Art. no.	PU	PG	Mat.	Info
blue	269075	1/30	5	TP	



Socket-outlet with earthing pin and increased protection against accidental contact

16 A, AC 250 V, CEE 7 Standard Sheet V

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Removable base.
With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.
Suitable for surface mounting.

Version	Art. no.	PU	PG	Mat.	Info
blue	289378	10/20	2	TP	

Accessories



Light signal E 14

AC 250 V, max. 10 W

For neon lamps in accordance with DIN 49850 and tubular lamps in accordance with DIN 49852, form A.

IP 44

- ▣ **To be completed with:** Dome for light signal E 14, art. no. 396611/12/13. Incandescent lamp E 14, art. no. 396676.
- ▣ **Contents:** Without lamp and cover.

Version	Art. no.	PU	PG	Mat.	Info
blue	378075	10/20	2	TP	



Dome for light signal E 14

Break-proof, high version for neon lamps in accordance with DIN 49850 and tubular lamps in accordance with DIN 49852, form A up to a max. of 10 watts, e.g. ERG type RL/E 14, 10 W.

- ▣ **To be completed with:** Light signal E 14 insert, art. no. 378075. Light signal E 14 insert, art. no. 348039.

Version	Art. no.	PU	PG	Mat.	Info
red	396611	2/80	2		
green	396612	2/80	2		
clear	396613	2/80	2		



Incandescent lamp E 14

AC 250 V, 5 W

Particularly suited to light signal E 14 with flat hood.

- ▣ **To be completed with:** Light signal E 14 insert, art. no. 348039.

Version	Art. no.	PU	PG	Mat.	Info
AC 230 V, 5 watts	396676	5/1020	2		



Junction box

400 V

Empty box for nominal cross-section 2.5 mm², with 2 cable entries and 2 break-out cable entries. Possible to install command devices with one-hole fixing Ø 22.5 mm, e.g. Elan, Klöckner-Moeller, Lumitas, Krönert, Square D etc.; up to 50 mm mounting depth.

IP 54

Version	Art. no.	PU	PG	Mat.	Info
blue	522175	10/20	2	TP	



Double entry

For cables and leads.

Version	Art. no.	PU	PG	Mat.	Info
black	536061	10/1000	2		



Connecting element

For close arrangement of several devices.

Version	Art. no.	PU	PG	Mat.	Info
grey	535960	10/1000	2	TP	



Slide with gland

For M20 x 1.5 steel armoured conduit with thread or M20 x 1.5 compression gland.

Version	Art. no.	PU	PG	Mat.	Info
black	533963	10/180	2		



Hanger with bend protection sleeve and strain relief

For suspending all IMPACT-RESISTANT units quickly and safely.

Version	Art. no.	PU	PG	Mat.	Info
blue	229399	2/96	2	TP	

- Switches with connecting terminals in accordance with VDE 0632.
- Can be illuminated as defined by German workplace regulations of 20.03.1975.
- Notes on materials:
Resistant to aggressive atmospheres due to use of corrosion-resistant metal parts from special alloys and extensively chemical-resistant polyamide housing.

Technical Information: AGRAR dimensions (⇒ p. 408)

Switches, push-buttons and accessories

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



Rocker switch

16 AX, AC 250 V

Illuminated.

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

Type of protection: IP 55

IP55

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

Version	Art. no.	PU	PG	Mat.	Info
green/two-way	370677	1/30	2		



Rocker control switch

16 AX, AC 250 V

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

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

Type of protection: IP 55

IP55

Contents: With neon lamp.

Version	Art. no.	PU	PG	Mat.	Info
green/two-way	372677	1/30	2		



Rocker button

10 A, 250 V AC

Illuminated.

With plug-in terminals as connecting terminals in accordance with VDE 0632.

Type of protection: IP55

IP55

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

Contents: 1 light, 1 door, 1 bell per push-button.

Version	Art. no.	PU	PG	Mat.	Info
green/two-way, 1-pole	375977	1/30	2		



Symbols, rectangular

For rockers and switches with square opening.

Version	Art. no.	PU	PG	Mat.	Info
clear/neutral	395569	100/4000	1		
clear/light	395669	100/4000	1		
clear/door	395769	100/4000	1		
clear/bell	395869	100/4000	1		
red transp./neutral	395900	100/4000	1		



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		

SCHUKO socket-outlets



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

Pins and lid springs are made of stainless steel; contacts and connecting terminals are made of special alloys.

Removable base.

With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.

IP 44

Version	Art. no.	PU	PG	Mat.	Info
green	279077	1/30	2		



IP 44

SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

With break-out cable entries on all sides.

Pins and lid springs are made of stainless steel; contacts and connecting terminals are made of special alloys.

The socket-outlets can be replaced with any other products in the AGRAR range.

With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.

Contents: 2 cable entries.

Version	Art. no.	PU	PG	Mat.	Info
green	229377	2/8	2		

Accessories



Double entry

For cables and leads.

Version	Art. no.	PU	PG	Mat.	Info
black	536061	10/1000	2		



Connecting element

For close arrangement of several devices.

Version	Art. no.	PU	PG	Mat.	Info
grey	535960	10/1000	2	TP	



Slide with gland

For M20 x 1.5 steel armoured conduit with thread or M20 x 1.5 compression gland.

Version	Art. no.	PU	PG	Mat.	Info
black	533963	10/180	2		

- Socket-outlet inserts with connecting terminals to VDE 0620 Part 1.
- Switch inserts with connecting terminals to VDE 0632.
- Can be illuminated as defined by German workplace regulations of 20.03.1975.
- Notes on materials:
TP: Shatter-proof thermoplastic.
DP: Highly scratch-resistant duroplastic.

■ **Technical Information:** Surface-mounted dimensions (⇒ p. 406)

Switches, push-buttons and accessories

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



Rocker switch
10 AX, AC 250 V

■ **Contents:** With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white/two-way	300644	10/70	1.5	DP	
polar white/two-way	300619	10/70	1.5	DP	
dark brazil/two-way	300617	10/70	1.5	DP	
white/intermediate	300744	10/70	1.5	DP	
polar white/intermediate	300719	10/70	1.5	DP	
dark brazil/intermediate	300717	10/70	1.5	DP	
white/one-way, 2-pole	300244	10/70	1.5	DP	
polar white/one-way, 2-pole	300219	10/70	1.5	DP	
dark brazil/one-way, 2-pole	300217	10/70	1.5	DP	



Rocker switch
10 AX, AC 250 V

■ **Contents:** With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white/two-circuit	300544	10/70	1.5	DP	
polar white/two-circuit	300519	10/70	1.5	DP	
dark brazil/two-circuit	300517	10/70	1.5	DP	



Rocker switch
10 AX, AC 250 V

■ **Note:** For the Dutch market.

Version	Art. no.	PU	PG	Mat.	Info
white/two-way	300654	10/70	1	DP	
polar white/two-way	300639	10/70	1	DP	
white/two-circuit	300554	10/70	1	DP	
polar white/two-circuit	300539	10/70	1	DP	
white/intermediate	300754	10/70	1	DP	
polar white/intermediate	300739	10/70	1	DP	
white/one-way, 2-pole	300254	10/70	1	DP	
polar white/one-way, 2-pole	300239	10/70	1	DP	



Rocker control switch
10 AX, AC 250 V

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

■ **Contents:** With light attachment and neon lamp AC 230 V, art. no. 395444, red symbol, art. no. 395930, cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white/one-way, 2-pole	302244	10/70	1.5	DP	
polar white/one-way, 2-pole	302219	10/70	1.5	DP	
dark brazil/one-way, 2-pole	302217	10/70	1.5	DP	
white/two-way	302644	10/70	1.5	DP	
polar white/two-way	302619	10/70	1.5	DP	
dark brazil/two-way	302617	10/70	1.5	DP	



Rocker control switch
10 AX, AC 250 V

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

■ **Note:** For the Dutch market.

■ **Contents:** With light attachment and neon lamp AC 230 V, art. no. 395444, red symbol, art. no. 395930, cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white/one-way, 2-pole	302254	10/70	1	DP	
white/two-way	302654	10/70	1	DP	
polar white/two-way	302639	10/70	1	DP	



Rocker button

10 A, 250 V AC

With third contact for lighting or monitoring.

Contents: With cable and mini-trunking entry (15 mm). For PU 10: 4 light, 2 door, 2 bell (clear), 10 neutral (red transparent).

Version	Art. no.	PU	PG	Mat.	Info
white/make contact, 1-pole	304844	10/70	1.5	DP	
polar white/make contact, 1-pole	304819	10/70	1.5	DP	
dark brazil/make contact, 1-pole	304817	10/70	1.5	DP	



Rocker button

10 A, 250 V AC

With third contact for lighting or monitoring.

Note: For the Dutch market.

Contents: For PU 10: 4 light, 2 door, 2 bell (clear), 10 neutral (red transparent).

Version	Art. no.	PU	PG	Mat.	Info
white/make contact, 1-pole	304854	10/70	1	DP	
polar white/make contact, 1-pole	304839	10/70	1	DP	



Two-way pull-cord switch

10 AX, AC 250 V

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white/two-way	306644	10/70	1.5	DP	
polar white/two-way	306619	10/70	1.5	DP	



Two-way pull-cord switch

10 AX, AC 250 V

Note: For the Dutch market.

Version	Art. no.	PU	PG	Mat.	Info
white/two-way	306654	10/70	1	DP	
polar white/two-way	306639	10/70	1	DP	



Two-way pull-cord switch with control lamp

16 AX, AC 250 V

Contents: With neon lamp.

Version	Art. no.	PU	PG	Mat.	Info
white	306844	4/32	1	DP	



Symbols, oval

For rockers and switches with oval opening.

Version	Art. no.	PU	PG	Mat.	Info
white/neutral	395530	100/4000	1		
white/light	395630	100/4000	1		
white/door	395730	100/4000	1		
white/bell	395830	100/4000	1		
clear/neutral	395568	100/4000	1		
clear/light	395668	100/4000	1		
clear/door	395768	100/4000	1		
clear/bell	395868	100/4000	1		
red transp./neutral	395930	100/4000	1		



Light attachment, operating voltage AC 230 V

AC 230 V

With integrated neon lamp.
Current consumption 1 mA.

Version	Art. no.	PU	PG	Mat.	Info
230 V, black	395444	10/2040	1		



Light attachment, operating voltage 12 V

With built-in incandescent bulb for 12 V operating voltage.

Version	Art. no.	PU	PG	Mat.	Info
12 V, grey	395412	10/500	1		



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	571644	1/72	8	DP	
500 W, white					
60-600 W, halogen	571619	1/72	8	DP	
500 W, polar white					
60-600 W, halogen	571617	1/72	8	DP	
500 W, dark brazil					



Light signal E 10

AC 250 V, max. 3 W

With E 10 holder and red hood.

Without neon lamp.

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

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	308044	10/70	1.5	DP	
polar white	308019	10/70	1.5	DP	



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 24 V, red	395131	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		

SCHUKO socket-outlets

- Connecting terminals in accordance with VDE 0620 Part 1.



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	275044	10/70	1.5	DP	
polar white	275019	10/70	1.5	DP	
dark brazil	275017	10/70	1.5	DP	



SCHUKO double socket-outlet

16 A, AC 250 V, DIN 49440

With plug-in terminals as connecting terminals in accordance with VDE 0620 Part 1.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	236044	5/35	1.5	DP	
polar white	236019	5/35	1.5	DP	
dark brazil	236017	5/35	1.5	DP	



SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	276244	10/20	1.5	DP	
polar white	276219	10/20	1.5	DP	
dark brazil	276217	10/20	1.5	DP	



SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

With screw terminals as connecting terminals in accordance with VDE 0620 Part 1.

Note: For the Dutch market.

Version	Art. no.	PU	PG	Mat.	Info
white	276254	10/20	1	DP	



Combination SCHUKO socket-outlet/two-way switch

SCHUKO socket-outlet: 16 A, AC 250 V, DIN 49440.

Combined with two-way switch: 10 AX, AC 250 V.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	380644	5/35	1.5	DP	
polar white	380619	5/35	1.5	DP	
dark brazil	380617	5/35	1.5	DP	



Combination SCHUKO socket-outlet/two-circuit switch

SCHUKO socket-outlet: 16 A, AC 250 V, DIN 49440.

Two-circuit switch: 10 AX, AC 250 V.

Version	Art. no.	PU	PG	Mat.	Info
white	380554	5/35	1	DP	
polar white	380539	5/35	1	DP	



Combination SCHUKO double socket-outlet/two-way switch

SCHUKO double socket-outlet: 16 A, AC 250 V, DIN 49440.

Two-way switch: 10 AX, AC 250 V.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	382644	5/20	1.5	DP	
polar white	382619	5/20	1.5	DP	
dark brazil	382617	5/20	1.5	DP	



Combination SCHUKO double socket-outlet/two-circuit switch

SCHUKO double socket-outlet: 16 A, AC 250 V, DIN 49440.

Two-circuit switch: 10 A, AC 250 V.

Note: For the Dutch market.

Version	Art. no.	PU	PG	Mat.	Info
white	382554	5/20	1.5	DP	
polar white	382539	5/20	1.5	DP	

Socket-outlets



HNA socket-outlet, surface-mounted

10 A, 250 V~, A 220 DIN 89321

For socket-outlets where it is essential that they are not interchanged.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	205444	10/70	7		
polar white	205419	10/70	7	DP	



Socket-outlet without earthing contact

16 A, AC 250 V, DIN 49440

With screw terminals.

Without claws, for screw fixing.

Version	Art. no.	PU	PG	Mat.	Info
white	215054	10/70	1	DP	
polar white	215039	10/70	1	DP	



Double socket-outlet without earthing contact

16 A, AC 250 V, DIN 49440

With plug-in terminals as connecting terminals in accordance with VDE 0620 Part 1.

Version	Art. no.	PU	PG	Mat.	Info
white	216154	5/35	1	DP	
polar white	216139	5/35	1	DP	



Combination socket-outlet without earthing pin/two-way switch

Socket-outlet: 16 A, AC 250 V, DIN 49440.
Combined with two-way switch: 10 AX, AC 250 V.

Version	Art. no.	PU	PG	Mat.	Info
white	386654	5/35	1	DP	
polar white	386639	5/35	1	DP	



Combination socket-outlet without earthing pin/two-circuit switch

Socket-outlet: 16 A, AC 250 V, DIN 49440.
Combined with two-circuit switch: 10 AX, AC 250 V.

Version	Art. no.	PU	PG	Mat.	Info
white	386554	5/35	1	DP	
polar white	386539	5/35	1	DP	

Accessories for surface-mounted socket-outlets and combinations



Junction box

400 V
Empty box for nominal cross-section 2.5 mm² with base plate and 8 knockout openings for cable entries.

■ **Contents:** With 3 cable entries.

Version	Art. no.	PU	PG	Mat.	Info
white	523044	10/60	1.5	DP	
polar white	523019	10/60	1.5	DP	
dark brazil	523017	10/60	1.5	DP	



Base plate for stand-alone device

Made from self-extinguishing material.

■ **To be completed with:** Stand-alone devices from the surface-mounted range (except dimmers and junction boxes)

Version	Art. no.	PU	PG	Mat.	Info
white	517644	10/300	1.5	TP	
polar white	517619	10/300	1.5	TP	
dark brazil	517617	10/300	1.5	TP	



Base plate for double socket-outlet

Made from self-extinguishing material.

■ **To be completed with:** Surface-mounted double socket-outlets, art. no. 2360..., 2161..

Version	Art. no.	PU	PG	Mat.	Info
white	517744	10/210	1.5	TP	
polar white	517719	10/210	1.5	TP	
dark brazil	517717	10/210	1.5	TP	



Base plate for twin combination

Made from self-extinguishing material.

■ **To be completed with:** Surface-mounted switch/socket-outlet combinations, art. no. 3806..., 3866..., 3805..., 3865...

Version	Art. no.	PU	PG	Mat.	Info
white	517844	10/240	1.5	TP	
polar white	517819	10/240	1.5	TP	
dark brazil	517817	10/240	1.5	TP	



Base plate for 3-gang combination/SCHUKO triple socket-outlet

Made from self-extinguishing material.

■ **To be completed with:** Surface-mounted 3-gang combinations, art. no. 2762..., 3826..., 386054, 3825...

Version	Art. no.	PU	PG	Mat.	Info
white	517944	10/200	1.5	TP	
polar white	517919	10/200	1.5	TP	
dark brazil	517917	10/200	1.5	TP	



Cable entry

For cables and mini trunking.

Version	Art. no.	PU	PG	Mat.	Info
white	535162	20/2000	1.5	TP	
polar white	535160	20/2000	1.5	TP	



Mini-trunking entry (15 mm)

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Mat.	Info
white	535062	10/1000	1.5	TP	
polar white	535060	10/1000	1.5	TP	

Surface-mounted housing for M-SMART, M1, ARTEC, OCTOCOLOR

Thermoplastic version.

- Suitable mini trunking (15x15 mm) is supplied by the trunking manufacturer.

■ **Technical Information:** Surface-mounted housing dimensions (⇒ p. 407)



Surface-mounted housing, 1-gang

With enclosed base and guide slots for partition walls. 2 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

■ **Contents:** With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	512144	1/40	1.5	TP	
polar white	512119	1/40	1.5	TP	
ruby red	512106	1/40	1.5	TP	
vanilla	512182	1/40	1.5	TP	
ice blue	512188	1/40	1.5	TP	
light grey	512129	1/40	1.5	TP	
midnight blue	512178	1/40	1.5	TP	
dark brazil	512115	1/40	1.5	TP	
black grey	512169	1/40	1.5	TP	

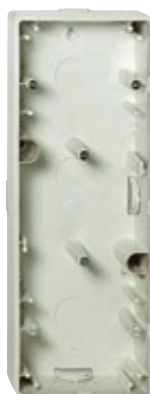


Surface-mounted housing, 2-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

■ **Contents:** With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	512244	1/20	1.5	TP	
polar white	512219	1/20	1.5	TP	
vanilla	512282	1/20	1.5	TP	
ice blue	512288	1/20	1.5	TP	
light grey	512229	1/20	1.5	TP	
midnight blue	512278	1/20	1.5	TP	
dark brazil	512215	1/20	1.5	TP	
black grey	512269	1/20	1.5	TP	



Surface-mounted housing, 3-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

■ **Contents:** With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	512344	1/15	1.5	TP	
polar white	512319	1/15	1.5	TP	
vanilla	512382	1/15	1.5	TP	
ice blue	512388	1/15	1.5	TP	
light grey	512329	1/15	1.5	TP	
midnight blue	512378	1/15	1.5	TP	
dark brazil	512315	1/15	1.5	TP	
black grey	512369	1/15	1.5	TP	

Surface-mounted housing for ATELIER

Duroplastic version.

- Suitable mini trunking (15x15 mm) is available from installation trunking manufacturers.

■ **Technical Information:** Surface-mounted housing dimensions (⇒ p. 407)



Surface-mounted housing, 1-gang

With enclosed base and guide slots for partition walls. 2 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

■ **Contents:** With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	511174	1/40	1.5	DP	
polar white	511119	1/40	1.5	DP	



Surface-mounted housing, 2-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

- Contents:** With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	511274	1/20	1.5	DP	
polar white	511219	1/20	1.5	DP	



Surface-mounted housing, 3-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

- Contents:** With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	511374	1/15	1.5	DP	
polar white	511319	1/15	1.5	DP	



Junction box

400 V
Empty box for nominal cross-section 2.5 mm².
With enclosed base and 6 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

- Contents:** Complete device with 3 mini-trunking entries (15 mm).

Version	Art. no.	PU	PG	Mat.	Info
white	511074	1/40	1.5	DP	
polar white	511019	1/40	1.5	DP	

Accessories for surface-mounted housing



Cable entry

For cables and mini trunking.

Version	Art. no.	PU	PG	Mat.	Info
white	535162	20/2000	1.5	TP	
polar white	535160	20/2000	1.5	TP	
light grey	535163	20/2000	1.5	TP	



Mini-trunking entry (15 mm)

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Mat.	Info
white	535062	10/1000	1.5	TP	
polar white	535060	10/1000	1.5	TP	
light grey	535063	10/1000	1.5	TP	

