CEE
STECKVORRICHTUNGEN

WALTHER-WERKE
FORTSCHRITT SEIT 1897

CEEtyp
PLUGS AND SOCKETS

CEEtyp
Plugs and Sockets

The indicated standard extracts are for your information but without any liability. In case of doubt please refer to the complete original standard or regulation. The quotes from standards are hints where to get additional information on a specific topic.

We reserve the right for technical changes.
Due to technical improvements some products may differ from the pictures as shown in the catalogue.

For prices please refer to our current trade price list.

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Sockets
Plugs
Couplers

Series A, 3 to 32-pole
Series B, 6 to 48-pole

Wall sockets
switched/
fused

Consumer boxes

Series BB, 10 to 92-pole
Series BA, 6 and 12-pole

Panel sockets

CEPro plugs
and sockets

Series D,
7 to 128-pole

Series DD,
24 to 216-pole

Socket
combinations

Plugs and sockets
for extra low voltages

Series MO
Series BHT
Series BV

CEEtyp
Plugs and Sockets

The CEEtyp product line ranges from 16 A to 125 A and also comprises Norvo plugs and sockets for extra low voltages up to 50 V with 16 A and 32 A. In addition, matching wall sockets and socket combinations are available. Even plugs and sockets for special applications like container or caravan installation and chemical resistant versions are available.

With its good sense of innovation, WALTHER has often been setting trends with its main product range of CEE plugs and sockets: with its socket combinations as modular system, with the flat CEE flush-mount socket, with the angled plug and the Multi Contact lamellas inside 125 A devices.

PROCON
Industrial Connectors

PROCON Industrial connectors are characterized by easy operation thanks to their cleverly designed locking system.

Due to their different housing sizes they are provided with ample wiring space. Other quality features are the ergonomically designed grips and the high-grade powder coating of the housings.

Main application areas are machinery and equipment construction,light and stage engineering, crane control, fairground equipment, switchgear construction and control engineering

Termination methods:

Screw terminal connection
Crimp connection
Insulation displacement connection
Push-in terminal connection

Charging plugs
and sockets
Charging cables

Power distributors
for construction sites

Power distributors
for camping sites

Charging stations
Wall boxes

Power distributors
for allotment gardens

Power distributors
for marinas

Coin-operated systems

Consumption billing systems

Testing facilities

Distributors with
modular technique

Distributors for fairgrounds
and market places

Energy bollards

Pedelec cabinets

Surface / flush-mount
distributors

Underfloor distributors

E-Mobility

New energy schemes and sustainable mobility strategies will shape the 21st century. Electric vehicles play an important role in this development. They stand for eco-friendly and future-oriented mobility.

To ensure the power supply of electric vehicles,
a nationwidecharging infrastructure is required.
In national and international standardisation committees, Walther actively participates in this development.

In projects with worldwide leading automotive manufacturers and energy suppliers, Walther has established a leading technological position and has specialised on the entire product range between power grid and vehicle.

Power Distributors for Outside Areas

Walther power distributors come from the long established company Bosecker Verteilerbau Sachsen GmbH, which belongs to the Walther group of companies since 2001. With its robust and longlasting products, tailored to customers' requirements, this Walther subsidiary has earned a good reputation.

The products offered under the label "Walther - System Bosecker" include not only power distributors for outside areas but also ready-to-use transformer stations, which are produced in Zittau.

Meanwhile, the Walther range of high-quality distributors comprises a multitude of different application-specific types, with numerous special distributors, which are also available with individual equipment variants. A separate series of distributors with AC/DC- sensitive RCDs even covers these customer requirements.

Over 110 years of expertise

Made in Germany

Walther headquarters, Eisenberg

Subsidiary Bosecker, Zittau

Company profile

By establishing his company in Grimma near Leipzig in 1897, Ferdinand Walther laid the foundation for a successful medium-sized company.

In 1945 Walher moved to Bad Reichenhall (Bavaria) and then in 1970 to new larger premises in Eisenberg, near Kaiserslautern (Rhineland-Palatinate)

The good infrastructure of this location - close to the centres Rhine-Main/Rhine-Neckar - enables fast service to all our market partners.

Together, WALTHER in Eisenberg and the subsidiary company BOSECKER in Zittau (Saxonia) have about 300 employees. On 14.500 m² of production, administration and storage space, the headquarters in Eisenberg produces electrotechnical components and systems. On a further 5.000 m² floorspace in Zittau the company produces power distributors for outside areas and transformer compact stations.

The range of systems is continuously enhanced in consultation with the electrical wholesale trade, electrical contractors, industry and planners

A high quality standard is certified by the German Association for the Certification of Quality Management Systems (DQS) with the certificate acc. to DIN EN ISO 9001-2008.

Marketing and Service

Visitors are always welcome.

Fairs and exhibitions

Close contact to the customer, e.g. during German and international electrotechnical fairs, is one of the WALTHER principles.

The results hereof are permanent innovations and improvements.

Profit from the expert advice on site.

Information material

- CEE catalogue
- PROCON catalogue
- e-mobility catalogue
- short overviews
- leaflets
- WALTHER DVD
- www.walther-werke.de

Technical support

Subsidiaries in Great Britain, France, the United States and Austria,
plus agencies in more than 60 countries worldwide offer you quick and competent support.

The WALTHER team will be pleased to assist you in planning and projecting your installation.

Walther - your best connection

- A brand „Made in Germany“
- Over 100 years of best connections to trade, craft and industry
- Consequent loyalty to three-tiered specialist distribution system
- Four product lines - four electrical connections from one source
  - CEEtyp plugs and sockets
  - Procon industrial connectors
  - Power distributors for outside areas
  - e-mobility - charging plugs and sockets, charging cables, charging stations
- One of the safest and fastest screwless CEE plug and coupler systems for 16 and 32 A.

Design and Production

Tools

Even high precision tools which are required for production are manufactured at WALTHER by means of CNC controlled milling machines and electronically controlled spark eroding and cutting machines.

Experienced designers use the latest CAD technology systems to plan devices for practical use which comply with current standards and regulations.
Customer requirements have high priority, like for example:

- easy assembly
- ample wiring space
- first class contacts
- attractive design

All injection molded plastic items have a high-class and highly compressed surface and are thus stain resistant.

From the smallest connector to the most complex socket combination - WALTHER produces the entire product range in Eisenberg (Rhineland-Palatinate).

Injection molding machines

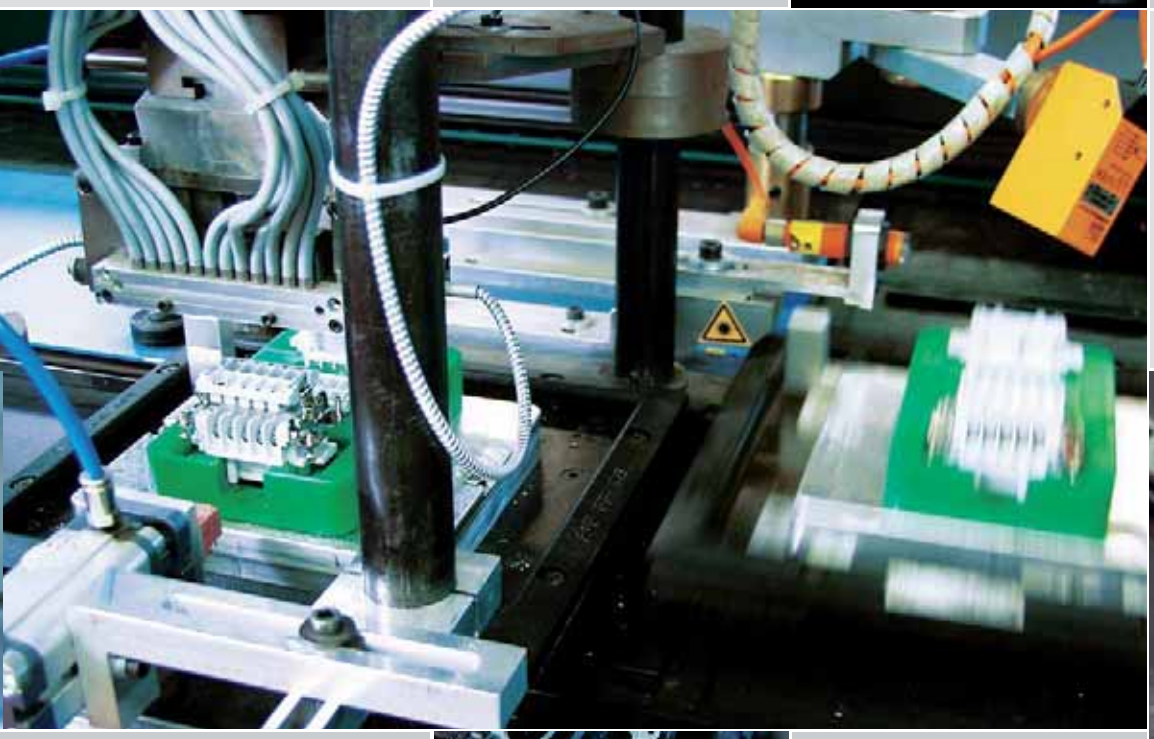
Centrally controlled injection molding machines produce plastic enclosures from type-tested first grade plastic.
An integrated supervision program corrects deviations, warns or switches the machine off. This ensures consistently high quality.

Die-cast housings

Aluminum housings for Procon industrial connectors are produced on die-cast machines with built-in quality control.

This supervision ensures that only first-class products are accepted for further processing and assembly.

Aluminum bars



Powder coating facility

Die-cast aluminium housings

Contacts

The heart of a plug and socket device are its contacts.
Rotary transfer machines automatically control each contact.
Pins and sleeves have to meet highest quality standards.
This ensures constantly easy plugging and withdrawing over the years. Furthermore all contacts are equipped with open, captive screws for faster assembly. All contacts are turned from massive brass!

Efficient Assembly

Proven Safety

During and after assembly, stringent test are conducted to ensure the quality of WALTHER products.

High volume bulk production items are produced on fully automatic assembly lines.

After each assembly operation the product is electronically tested.

Universal screw-feed drive

All screws have combination heads for use with electrical, pneumatic or manual screwdrivers.
Pozidrive, Philips as well as slot blades can be used.

Checked in detail

Each socket combination - including the built-in components like MCBs and RCDs - pass a complete electrical function test.

The impeccable condition of the device is documented on the enclosed test certificate. All data is saved and can be retrieved with the control number.

Worldwide approvals

WALTHER products have gained more than 6.000 approvals worldwide.
These approvals are not only proof of the high product quality but they also certify the electrical safety and compliance with valid standards.

Inspectors of different international testing laboratories check - also without prior notice - the production, the testing equipment and the end products for compliance with the standards.

Technology and Design

Switched wall socket and socket combination

Mondo flush-type wall socket

Angled CEE plug

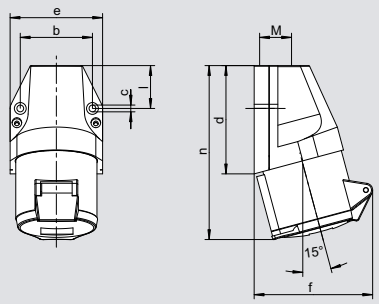
Mini socket combination

Programme family AutoboxX consumer boxes

Jürgen R. Göpfert, the well-known industrial designer, gives WALTHER products their attractive, timeless design. Several awards from the Industry Forum Design in Hannover (“Good Industry Design IF”) show that functionality and appealing design are absolutely compatible.

The new CEE generation from WALTHER has been awarded with an innovation price.

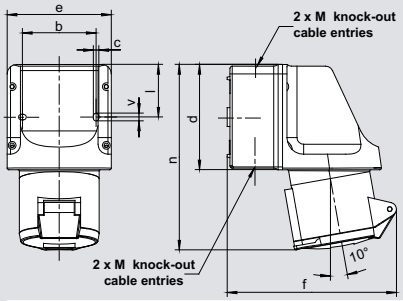
CEE plug/coupler



Amp.	16			32		
Poles	3	4	5	3	4	5
b	45,5	60	60	60	60	60
c	5,3	5,3	5,3	5,3	5,3	5,3
d	74	80	80	97	97	97
e	60	74	74	82	82	82
f	75	86	90	103	103	105
l	28	31	31	45	45	45
n	120	128	129	154	154	155
M	20	20	20	25	25	25

Wall sockets, with screw terminals,
external fixing, 1 top cable entry,
IP 44 ⚠

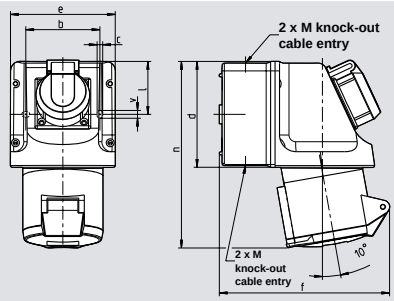
Wall sockets with push-in terminals are the indicated part numbers with SL:
SL: 110 SL and 130 SL



Amp.	16			32		
Poles	3	4	5	3	4	5
b	66,5	66,5	66,5	66,5	66,5	66,5
c	5	5	5	5	5	5
d	96	96	96	96	96	96
e	95	95	95	95	95	95
f	140	143	146	154	154	157
l	47,5	47,5	47,5	47,5	47,5	47,5
n	160	164	164	173	173	173
v	7	7	7	7	7	7
M	20/25	20/25	20/25	20/25	20/25	20/25

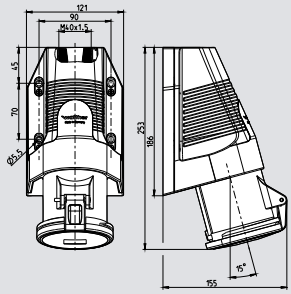
Wall sockets, with screw terminals,
internal fixing,
2 knockout cable entries on top and bottom,
1 knockout entry in the back wall,
IP 44 ⚠

Wall sockets with push-in terminals are the indicated part numbers with SL:
111 SL and 131 SL



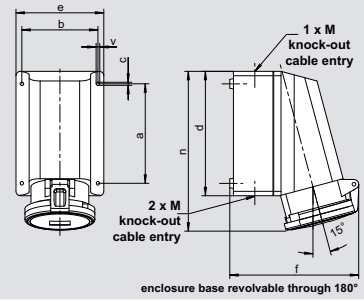
Mini combinations, CEEtyp wall socket
with Schuko socket,
16 A, 230 V, 2 P + E, IP 44 ⚠
2 cable entries on top and bottom,
1 knockout entry in the back wall

1) unwired
2) Schuko socket protected with fuse 6,3 A „G“, 5 x 20 mm
3) 16 A and 32 A supply lines required



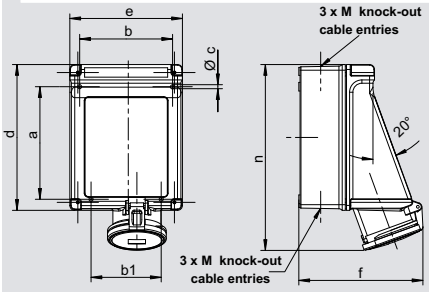
Amp.	63		
Poles	3	4	5
a	136	136	136
b	104	104	104
c	4,2	4,2	4,2
d	172	172	172
e	121	121	121
f	178	178	178
n	220	220	220
v	5	5	5

Wall sockets,
internal fixing,
1 top cable entry, open
2 bottom cable entries, knock-out,
bottom part revolvable through 180 °,
IP 44 ⚠



Amp.	63		
Poles	3	4	5
a	136	136	136
b	104	104	104
c	4,2	4,2	4,2
d	172	172	172
e	121	121	121
f	178	178	178
n	220	220	220
v	5	5	5

Wall sockets,
internal fixing,
1 top cable entry, open
2 bottom cable entries, knock-out,
bottom part revolvable through 180 °,
IP 44 ⚠



Amp.	63		
Poles	3	4	5
a	183	183	183
b	151	151	151
b1	114	114	114
c	6,5	6,5	6,5
d	237	237	237
e	183	183	183
f	196	196	196
n	302	302	302
M	25/32/40	25/32/40	25/32/40

Wall sockets,
internal fixing,
2 top cable entries,
2 bottom cable entries, knock-out,
IP 44 ⚠

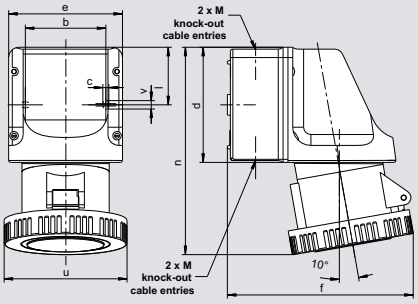
Ampère	Poles	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			> 50 - 500 V 100 - 300 Hz			> 50 - 500 V over 300 - 500 Hz			
		3pole 4h	4pole 4h	5pole 4h	3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	3pole 10h	4pole 10h	5pole 10h	3pole 2h	4pole 2h	5pole 2h	
		Part numbers																		
16	3	110 304			**110 306**			110 309			110 407			110 410			110 402			10/60
16	4	110 404			110 409			**110 406**												10
16	5	110 504			110 509			**110**												10/60
16	5							**110 Ni**												10
16	5							**110 SL**												10/60
32	3	130 304			**130 306**			130 309			130 407			130 410			130 402			10
32	4	130 404			130 409			**130 406**												10
32	5	130 504			130 509			**130**												10/60
32	5							**130 Ni**												10/60
32	5							**130 SL**												10/60
16	3	111 304			**111 306**			111 309			111 407			111 410			111 402			5
16	4	111 404			111 409			**111 406**												5
16	5	111 504			111 509			**111**												5
16	5							**111 Ni**												5
16	5							**111 SL**												5
32	3	131 304			**131 306**			131 309			131 407			131 410			131 402			5
32	4	131 404			131 409			**131 406**												5
32	5	131 504			131 509			**131**												5
32	5							**131 Ni**												5
32	5							**131 SL**												5
16	3				**114 306**															5
16	3				**115 306** 2)															5
32	3				**134 306** 3)															5
32	3				**135 306** 2)															5
16	5							**114**												5
16	5							**114 UV** 1)												5
16	5							**115** 2)												5
16	5							**115 Ni**												5
32	5							**134** 3)												5
32	5							**134 UV** 1, 3)												5
32	5							**135 Ni**												5
32	5							**135** 2)												5
63	3	160 304			**160 306**			160 309			160 407			160 410			160 402			2
63	4	160 404			160 409			**160 406**												2
63	5	160 504			160 509			**160**												2
63	3	161 304			**161 306**			161 309			161 407			161 410			161 402			2
63	4	161 404			161 409			**161 406**												2
63	5	161 504			161 509			**161**												2
63	3	163 304			**163 306**			163 309			163 407			163 410			163 402			1
63	4	163 404			163 409			**163 406**												1
63	5	163 504			163 509			**163**												1

The here listed 63A + 125A wall sockets are also available with **pilot contact**.
To order them, simply add a "**P**" behind the standard part number.

Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

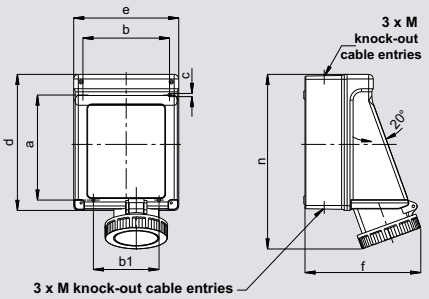
1) unwired
2) Schuko socket protected with fuse 6,3 A „G", 5 x 20 mm
3) 16 A and 32 A supply lines required

Sockets



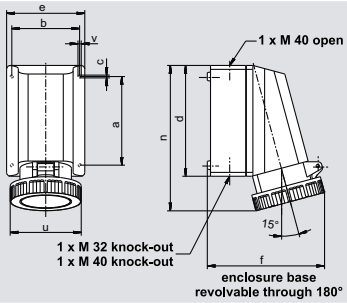
Amp.	16			32		
Poles	3	4	5	3	4	5
b	66,5	66,5	66,5	66,5	66,5	66,5
c	5	5	5	5	5	5
d	96	96	96	96	96	96
e	95	95	95	95	95	95
f	140	144	147	156	156	156
l	47,5	47,5	47,5	47,5	47,5	47,5
n	164	164	164	176	176	176
u	72	81	88	96	96	103
v	7	7	7	7	7	7
M	20/25	20/25	20/25	20/25	20/25	20/25

Wall sockets,
internal fixing,
2 top and bottom cable entries, knock-out,
1 knockout entry in the back wall,
IP 67



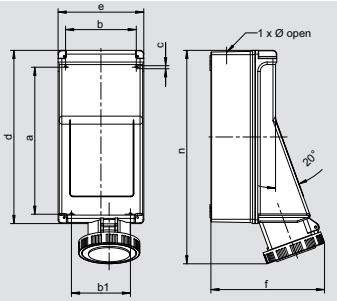
Amp.	63		
Poles	3	4	5
a	183	183	183
b	151	151	151
b1	114	114	114
c	6,5	6,5	6,5
d	237	237	237
e	183	183	183
f	209	209	209
n	309	309	309
M	25/32/40	25/32/40	25/32/40

Wall sockets,
internal fixing,
3 top cable entries, knockout,
3 bottom cable entries, knockout,
IP 67



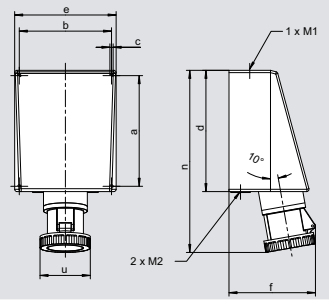
Amp.	63		
Poles	3	4	5
a	136	136	136
b	104	104	104
c	4,2	4,2	4,2
d	172	172	172
e	121	121	121
f	178	178	178
n	224	224	224
v	5	5	5

Wall sockets,
internal fixing,
1 top cable entry, open,
2 bottom cable entries, knockout,
bottom part revolvable through 180 °,
IP 67



Amp.	125		
Poles	3	4	5
a	316	316	316
b	151	151	151
b1	126	126	126
c	6,5	6,5	6,5
d	370	370	370
e	183	183	183
f	243	243	243
n	450	450	450
M	50	50	50

Wall sockets
Multi-Contact =
high contact pressure - easy withdrawal,
internal fixing,
top cable entry:
1 x M 50,
terminal block set 3, 4 and 5 x 50 mm²,
IP 67



Amp.	125		
Poles	3	4	5
a	240	240	240
b	200	200	200
c	7	7	7
d	263	263	263
e	220	220	220
f	190	190	190
n	406	406	406
u	130	130	130
M 1	20/50	20/50	20/50
M 2	40	40	40

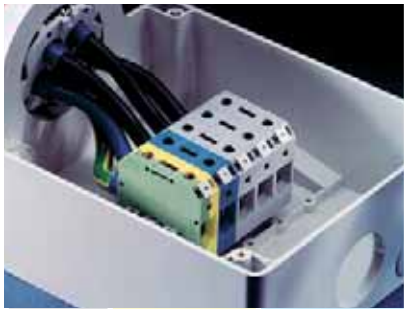
Wall sockets
Multi-Contact =
high contact pressure - easy withdrawal,
internal fixing,
top cable entry: 1 x M 50 and 1 x M 20,
bottom cable entry: 2 x M 40,
with terminal block set 3, 4 and 5 x 50 mm²,
OK = without terminal block set,
IP 67

Multi-Contact
Since more than 30 years all 125 A devices come with multi contacts.

They provide for **easy plugging and withdrawing** and **constant contact pressure** over the years.

The multi contact ring, consisting of 13 lamellas, transmits 28 A per lamella, i.e. the transition from pin to sleeve is designed for 364 A - **high security**. The lamellas are spring-mounted and thus **self-cleaning**.

Ampère	Poles	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			> 50 - 500 V 100 - 300 Hz			> 50 - 500 V over 300 - 500 Hz			
		3pole 4h	4pole 4h	5pole 4h	3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	3pole 10h	4pole 10h	5pole 10h	3pole 2h	4pole 2h	5pole 2h	
		Part numbers																		
16	3	119 304			**119 306**			119 309												5
16	4	119 404			119 409			**119 406**			119 407			119 410			119 402			5
16	5	119 504			119 509			**119**												5
32	3	139 304			**139 306**			139 309												5
32	4	139 404			139 409			**139 406**			139 407			139 410			139 402			5
32	5	139 504			139 509			**139**												5
63	3	168 304			**168 306**			168 309												1
63	4	168 404			168 409			**168 406**			168 407			168 410			168 402			1
63	5	168 504			168 509			**168**												1
63	3	169 304			**169 306**			169 309												2
63	4	169 404			169 409			**169 406**			169 407			169 410			169 402			2
63	5	169 504			169 509			**169**												2
125	3	178 304			**178 306**			178 309												1
125	4	178 404			178 409			**178 406**			178 407			178 410			178 402			1
125	5	178 504			178 509			**178**												1
125	3	178 304 OK			**178 306 OK**			178 309 OK												1
125	3	179 304			**179 306**			179 309												1
125	4	179 404			179 409			**179 406**			179 407			179 410			179 402			1
125	5	179 504			179 509			**179**												1
125	3	179 304 OK			**179 306 OK**			179 309 OK												1
125	4	179 404 OK			179 409 OK			**179 406 OK**			179 407 OK			179 410 OK			179 402 OK			1
125	5	179 504 OK			179 509 OK			**179 OK**												1

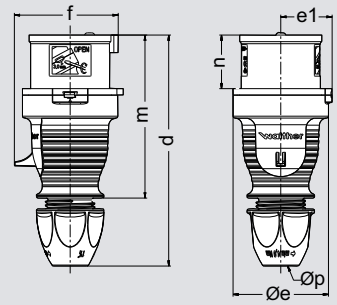


The wall socket 125 A, type 179, is provided with a **terminal block set for quick connection**. If you would like to order the wall socket without terminal block set then please add the suffix ‘OK’ to the part number.

The here listed 63 A + 125 A wall sockets are also available with **pilot contact**. To order them, simply add a “**P**” behind the standard part number.

Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

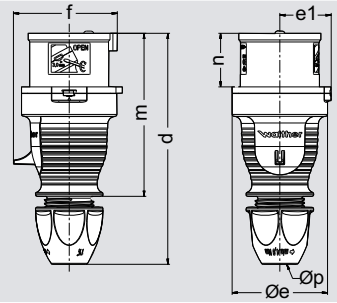
Plugs
- screwless
- with screw terminals



Amp.	16	16	32	32	32
Poles	4	5	3	4	5
d	150-161	150-161	173-185	173-185	174-183
Øe	65	65	72	72	72
e1	35	35	38,5	38,5	38,5
f	63	71	75	75	83
m	111	111	128	128	128
n	37	37	45,5	45,5	45,5
Øp	7,5 - 18,5	7,5 -18,5	10 - 22,5	10 - 22,5	10 - 22,5

Screwless plugs, with insulation displacement connection,
with exterior cable gland,
IP 44 ⚠

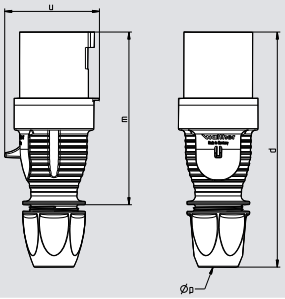
Conductor cross sections:
16 A: 1 - 2,5 mm² / 32 A: 2,5 - 6 mm²
Cable diameters:
16 A: 7,5 - 18,5 mm / 32 A: 10 - 22,5 mm



Amp.	16	16	32	32	32
Poles	4	5	3	4	5
d	150-161	150-161	173-185	173-185	174-183
Øe	65	65	72	72	72
e1	35	35	38,5	38,5	38,5
f	63	71	75	75	83
m	111	111	128	128	128
n	37	37	45,5	45,5	45,5
Øp	7,5 - 18,5	7,5 -18,5	10 - 22,5	10 - 22,5	10 - 22,5

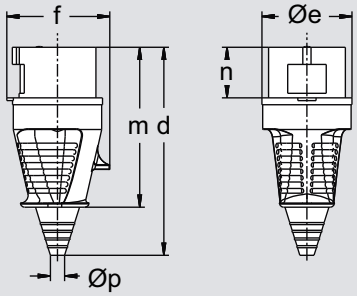
Plugs, screw terminal connection,
with exterior cable gland,
IP 44 ⚠

Conductor cross sections:
16 A: 1 - 2,5 mm² / 32 A: 2,5 - 6 mm²
Cable diameters:
16 A: 7,5 - 18,5 mm / 32 A: 10 - 22,5 mm



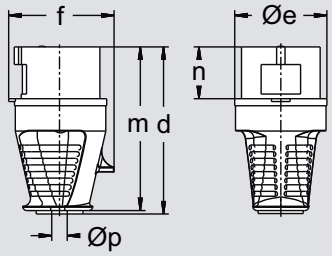
Amp.	63		
Poles	3	4	5
d	246	246	246
u	95	95	95
m	174	174	174
Øp	14-33	14-33	14-33

Plugs, screw terminal connection,
with exterior cable gland,
IP 44 ⚠



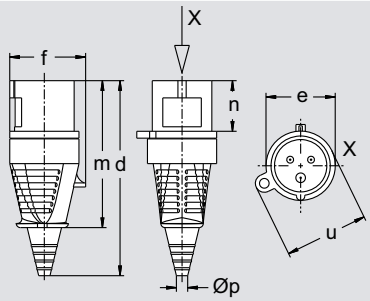
Amp.	16	63		
Poles	3	3	4	5
d	143	252	252	252
Øe	51	81	81	81
f	60	97	97	97
m	108	192	192	192
n	37	67	67	67
Øp	7/13	15/33	15/33	15/33

Plugs, screw terminal connection,
with flexible cable entry,
IP 44 ⚠



Amp.	16
Poles	3
d	111
Øe	51
f	60
m	108
n	37
Øp	8/15

Plugs, screw terminal connection,
with inverted cable entry,
IP 44 ⚠



Amp.	16
Poles	3
d	143
e	51
f	60
m	108
n	37
Øp	7/13
u	61

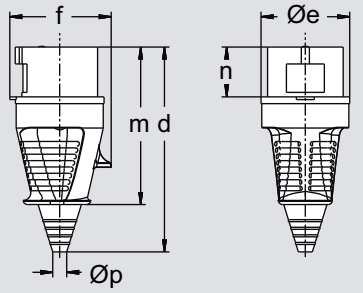
Plugs, screw terminal connection,
with flexible cable entry,
with eye for padlock, for locking with panel socket 512 306, 512 304 and 512 309,
IP 44 ⚠

2P+E 3P+E 3P+N+E

Ampère	Poles	110 V 50 a. 60 Hz 3pole 4h	110 V 50 a. 60 Hz 4pole 4h	110 V 50 a. 60 Hz 5pole 4h	230 V 50 a. 60 Hz 3pole 6h	230 V 50 a. 60 Hz 4pole 9h	230 V 50 a. 60 Hz 5pole 9h	400 V 50 a. 60 Hz 3pole 9h	400 V 50 a. 60 Hz 4pole 6h	400 V 50 a. 60 Hz 5pole 6h	500 V 50 a. 60 Hz 3pole 7h	500 V 50 a. 60 Hz 4pole 7h	500 V 50 a. 60 Hz 5pole 7h	> 50 - 500 V 100 - 300 Hz 3pole 10h	> 50 - 500 V 100 - 300 Hz 4pole 10h	> 50 - 500 V 100 - 300 Hz 5pole 10h	> 50 - 500 V over 300 - 500 Hz 3pole 2h	> 50 - 500 V over 300 - 500 Hz 4pole 2h	> 50 - 500 V over 300 - 500 Hz 5pole 2h		
		Part numbers																			
16	4	210 404 SL			210 409 SL			**210 406 SL**			210 407 SL			210 410 SL			210 402 SL			10/60	 210SL
16	5	210 504 SL			210 509 SL			**210 SL**												10/60	
32	3	230 304 SL			**230 306 SL**			230 309 SL												10/60	
32	4	230 404 SL			230 409 SL			**230 406 SL**			230 407 SL			230 410 SL			230 402 SL			10/60	
32	5	230 504 SL			230 509 SL			**230 SL**												10/60	
16	4	210 404			210 409			**210 406**			210 407			210 410			210 402			10	 230
16	5	210 504			210 509			**210**												10/60	
32	3	230 304			**230 306**			230 309												10	
32	4	230 404			230 409			**230 406**			230 407			230 410			230 402			10	
32	5	230 504			230 509			**230**												10/60	
63	3	262 304			**262 306**			262 309												5	 262
63	4	262 404			262 409			**262 406**			262 407			262 410			262 402			5	
63	5	262 504			262 509			**262**												5	
63	5							**262 Ni**												5	
16	3	210 304			**210 306**			210 309												10	 260
16	5							**210 Ni**												10	
32	5							**230 Ni**												10	
63	3	260 304			**260 306**			260 309												5	
63	4	260 404			260 409			**260 406**			260 407			260 410			260 402			5	
63	5	260 504			260 509			**260**												5	
63	5							**260 Ni**												5	
16	3	215 304			**215 306**			215 309												10	 215 306
16	3	212 304			**212 306**			212 309												10	 212 306

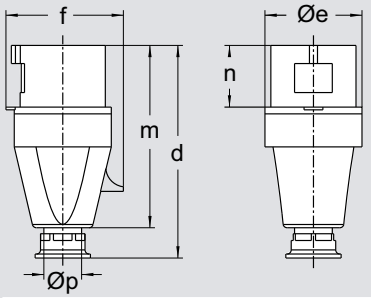
Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

Plugs
- screwless
- with screw terminals



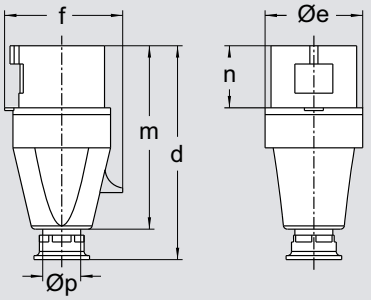
Amp.	16	32
Poles	5	5
d	153	181
Øe	65	72
f	75	88
m	117	138
n	37	46
Øp	8/21	11/24

Phase inverters,
screw terminal connection,
with flexible cable entry,
IP 44 ⚠



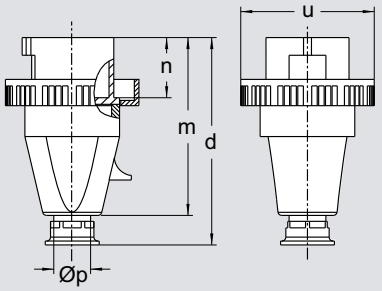
Amp.	16	32
Poles	5	5
d	131	155
Øe	65	73
f	75	88
m	112	133
n	37	46
Øp	7,5 - 14,5	10 - 19,5

Phase inverters,
screw terminal connection,
with trumpet gland,
IP 44 ⚠



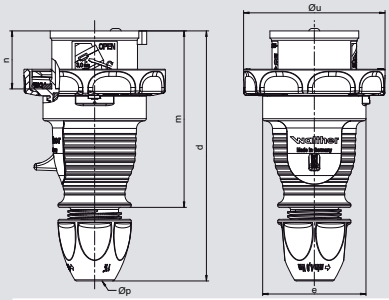
Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
d	123	131	131	155	155	155	240	240	240
Øe	51	65	65	73	73	73	81	81	81
f	60	68	75	79	79	88	97	97	97
m	118	112	112	133	133	133	192	192	192
n	37	37	37	46	46	46	67	67	67
Øp	7,5-14,5	7,5-14,5	7,5-14,5	10-19,5	10-19,5	10-19,5	18-34,5	18-34,5	18-34,5

Plugs, screw terminal connection,
with trumpet gland,
IP 44 ⚠



Amp.	16
Poles	3
d	126
m	110
n	37
u	72
Øp	7,5-14,5

Plugs, screw terminal connection,
with trumpet gland, IP 67 💧💧

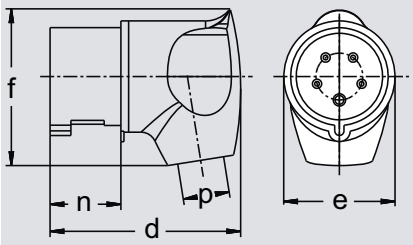


Amp.	16	16	32	32
Poles	4	5	3 / 4	5
d	150-161	150-161	174-183	174-183
Ø e	Ø 65	Ø 65	Ø 72	Ø 72
m	111	111	127	127
n	36,5	36,5	45,5	45,5
Ø u	Ø 81	Ø 89	Ø 95	Ø 100
Ø p	7,5-18,5	7,5-18,5	10- 22,5	10-22,5

Plugs, screw terminal connection,
with cable gland, IP 67 💧💧

or

Plugs, screwless (SL) with
insulation displacement connection,
with cable gland, IP 67 💧💧



Amp.	16			32		
Poles	3	4	5	3	4	5
d	85	98	98	115	115	115
e	50,3	64,3	64,3	72	72	72
f	70	86	86	96	96	100
n	37	37	37	45,8	45,8	45,8
p	8/15	10/16,5	10/16,5	11/22	11/22	11/22

mondo angled plug,
screw terminal connection,
back shell RAL 7035 light grey,
IP 44 ⚠

Ampère	Poles	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			> 50 - 500 V 100 - 300 Hz			> 50 - 500 V over 300 - 500 Hz				
		3pole 4h	4pole 4h	5pole 4h	3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	3pole 10h	4pole 10h	5pole 10h	3pole 2h	4pole 2h	5pole 2h		
		Part numbers																			
16	5							**210 PH**												10	 230 PH
16	5							**210 PH Ni**												10	
32	5							**230 PH**												10	
32	5							**230 PH Ni**												10	
16	5							**211 PH**												10	 231 PH
16	5							**211 PH Ni**												10	
32	5							**231 PH**												10	
32	5							**231 PH Ni**												10	
16	3	211 304			**211 306**			211 309												10	 231
16	4	211 404			211 409			**211 406**			211 407			211 410			211 402			10	
16	5	211 504			211 509			**211**												10	
16	5							**211 Ni**												10	
32	3	231 304			**231 306**			231 309												10	
32	4	231 404			231 409			**231 406**			231 407			231 410			231 402			10	
32	5	231 504			231 509			**231**												10	
32	5							**231 Ni**												10	
63	3	261 304			**261 306**			261 309												5	
63	4	261 404			261 409			**261 406**			261 407			261 410			261 402			5	
63	5	261 504			261 509			**261**												5	
63	5							**261 Ni**												5	
16	3	219 304			**219 306**			219 309												10	 219306
16	5							**219** Ni												10	
32	5							**239** Ni												10	
16	4	219 404			219 409			**219 406**			219 407			219 410			219 402			10	 239
16	5	219 504			219 509			**219**												10	
32	3	239 304			**239 306**			239 309												10	
32	4	239 404			239 409			**239 406**			239 407			239 410			239 402			10	
32	5	239 504			239 509			**239**												10	
16	3	216 304			**216 306**			216 309												10	 236
16	4	216 404			216 409			**216 406**			216 407			216 410			216 402			10	
16	5	216 504			216 509			**216**												10/60	
32	3	236 304			**236 306**			236 309												10	
32	4	236 404			236 409			**236 406**			236 407			236 410			236 402			10	
32	5	236 504			236 509			**236**												10	

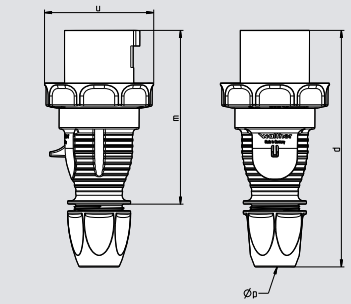
2P+E 3P+E 3P+N+E

The plugs listed here are also available as **screwless version** with insulation displacement connection.
To order a plug as screwless version, just add "**SL**" behind the part number.

Also available in **pearl white** and **clear white**:
For pearl white add "**PW**" behind the part number, for clear white "**RW**"

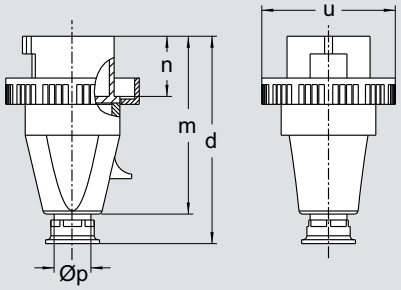
Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

Plugs
- screwless
- with screw terminals



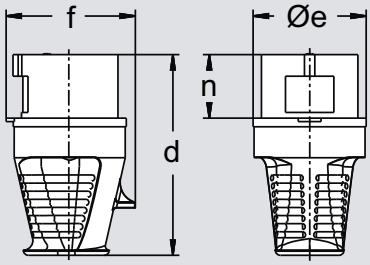
Amp.	63		
Poles	3	4	5
d	246	246	246
u	109	109	109
m	174	174	174
Øp	14-33	14-33	14-33

Plugs, screw terminal connection,
with cable gland, IP 67



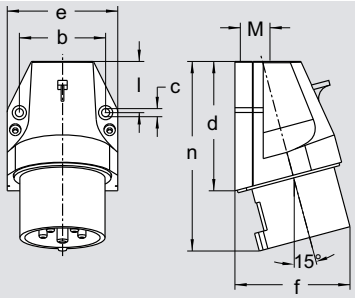
Amp.	63			125		
Poles	3	4	5	3	4	5
d	243	243	243	315	315	315
m	195	195	195	258	258	258
n	67	67	67	75,5	75,5	75,5
u	110	110	110	130	130	130
Øp	18-35	18-35	18-35	24-45	24-45	24-45

Plugs, screw terminal connection,
with trumpet gland,
IP 67



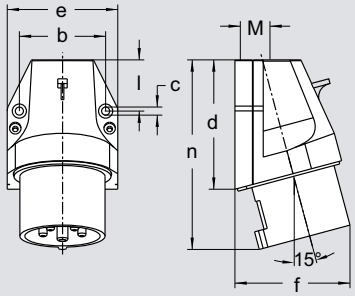
Amp.	16		32		63	
Poles	4	5	4	5	4	5
d	65	65	155	72	240	81
Øe	58	65	72	72	81	81
f	68	75	79	88	97	97
n	37	37	46	46	67	67

Phase sequence control plugs,
IP 44



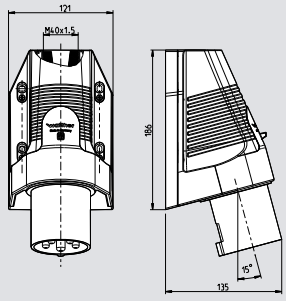
Amp.	16			32		
Poles	3	4	5	3	4	5
b	45,5	60	60	60	60	60
c	5,3	5,3	5,3	5,3	5,3	5,3
d	74	80	80	97	97	97
e	60	74	74	82	82	82
f	60	73	73	80	80	86
l	28	31	31	45	45	45
n	110	117	117	141	141	141
M	20	20	20	25	25	25

Wall mount appliance inlets,
external fixing,
1 top cable entry,
IP 44



Amp.	16			32		
Poles	3	4	5	3	4	5
b	45,5	60	60	60	60	60
c	5,3	5,3	5,3	5,3	5,3	5,3
d	74	80	80	97	97	97
e	60	74	74	82	82	82
f	60	73	73	80	80	86
l	28	31	31	45	45	45
n	110	117	117	141	141	141
M	20	20	20	25	25	25

Wall mount appliance inlets,
external fixing,
1 top cable entry,
IP 44



Amp.	63		
Poles	3	4	5
d	186	186	186
M	40	40	40
Øp			

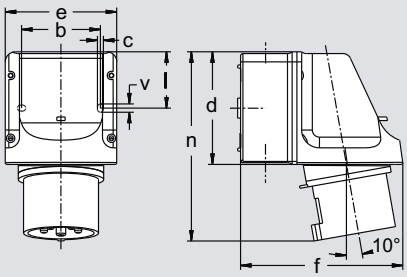
Wall mount appliance inlets,
external fixing,
1 top cable entry,
contacts not nickel-plated,
IP 67

2P+E 3P+E 3P+N+E

Ampère	Poles	110 V 50 a. 60 Hz 3pole 4h	110 V 50 a. 60 Hz 4pole 4h	110 V 50 a. 60 Hz 5pole 4h	230 V 50 a. 60 Hz 3pole 6h	230 V 50 a. 60 Hz 4pole 9h	230 V 50 a. 60 Hz 5pole 9h	400 V 50 a. 60 Hz 3pole 9h	400 V 50 a. 60 Hz 4pole 6h	400 V 50 a. 60 Hz 5pole 6h	500 V 50 a. 60 Hz 3pole 7h	500 V 50 a. 60 Hz 4pole 7h	500 V 50 a. 60 Hz 5pole 7h	> 50 - 500 V 100 - 300 Hz 3pole 10h	> 50 - 500 V 100 - 300 Hz 4pole 10h	> 50 - 500 V 100 - 300 Hz 5pole 10h	> 50 - 500 V over 300 - 500 Hz 3pole 2h	> 50 - 500 V over 300 - 500 Hz 4pole 2h	> 50 - 500 V over 300 - 500 Hz 5pole 2h		
								Part numbers													
63	3	268 304			**268 306**			268 309			268 407			268 410			268 402			5	 268
63	4	268 404			268 409			**268 406**												5	
63	5	268 504			268 509			**268**												5	
63	3	269 304			**269 306**			269 309			269 407			269 410			269 402			5	 269
63	4	269 404			269 409			**269 406**												5	
63	5	269 504			269 509			**269**												5	
63	5							**269 Ni**												5	
125	3	279 304			**279 306**			279 309			279 407			279 410			279 402			2	
125	4	279 404			279 409			**279 406**												2	
125	5	279 504			279 509			**279**												2	
125	5							**279 Ni**												2	
		for voltage ranges of 110 V - 690 V																			 230DF
16	4							**210 406 DF**												10	
16	5							**210 DF**												10	
32	4							**230 406 DF**												10	
32	5							**230 DF**												10	
63	4							**260 406 DF**												10	
63	5							**260 DF**												5	
16	3	610 304			**610 306**			610 309			610 407			610 410			610 402			10	 610
16	4	610 404			610 409			**610 406**												10	
16	5	610 504			610 509			**610**												10/60	
16	3							**610 Ni**												10	
32	3	630 304			**630 306**			630 309			630 407			630 410			630 402			10	
32	4	630 404			630 409			**630 406**												10	
32	5	630 504			630 509			**630**												10	
32	5	630 504			630 509			**630 Ni**												10	
16	5							**610 PH**												10	 610 Ni
16	5							**610 PH Ni**												10	
16	5							**611 PH Ni**												10	
32	5							**630 PH**												10	
32	5							**630 PH Ni**												10	
32	5							**631 PH Ni**												10	
63	3	660 304			**660 306**			660 309			660 407			660 410			660 402			2	 660
63	4	660 404			660 409			**660 406**												2	
63	5	660 504			660 509			**660**												2	

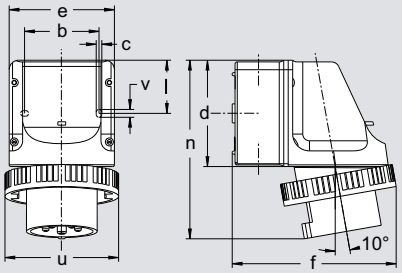
Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

Plugs
- screwless
- with screw terminals



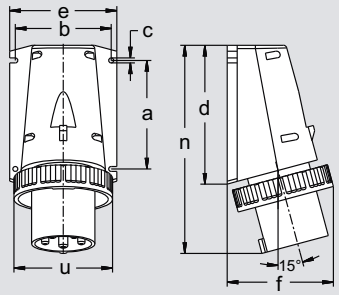
Amp.	16		32		
Poles	4	5	3	4	5
b	66,5	66,5	66,5	66,5	66,5
c	5	5	5	5	5
d	96	96	96	96	96
e	95	95	95	95	95
f	140	140	140	140	140
l	47,5	47,5	47,5	47,5	47,5
n	151	151	160	160	160
v	7	7	7	7	7
M	20/25	20/25	20/25	20/25	20/25

Wall mount appliance inlets,
internal fixing,
2 knock-out cable entries on top and bottom,
1 knock-out entry in the back wall,
IP 44



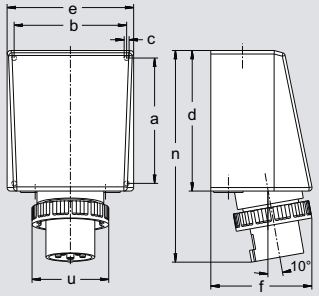
Amp.	16			32		
Poles	3	4	5	3	4	5
b	66,5	66,5	66,5	66,5	66,5	66,5
c	5	5	5	5	5	5
d	96	96	96	96	96	96
e	95	95	95	95	95	95
f	140	140	140	147	147	150
l	47,5	47,5	47,5	47,5	47,5	47,5
n	154	154	154	164	164	164
u	72	81	88	96	96	103
v	7	7	7	7	7	7
M	20/25	20/25	20/25	20/25	20/25	20/25

Wall mount appliance inlets,
internal fixing,
2 knock-out cable entries on top and bottom
1 knock-out entry in the back wall
IP 67



Amp.	63		
Poles	3	4	5
a	136	120	120
b	104	106	106
c	6	5,6	5,6
d	170	152	152
e	118	118	118
f	171	118	118
n	250	232	232
u	113	113	113
M	40	40	40

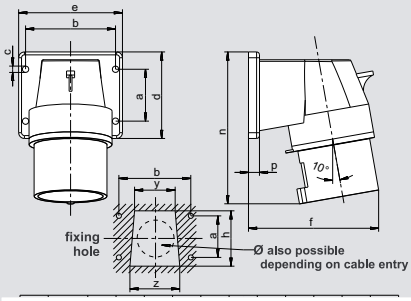
Wall mount appliance inlets,
external fixing,
1 top cable entry,
contacts not nickel-plated,
IP 67



Amp.	125		
Poles	3	4	5
a	240	240	240
b	200	200	200
c	7	7	7
d	263	263	263
e	220	220	220
f	175	175	175
n	390	390	390
u	130	130	130
M1	50/20	50/20	50/20
M2	40	40	40

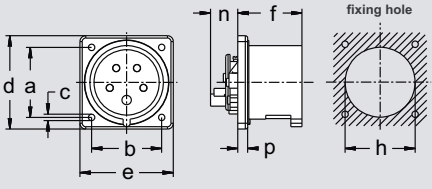
Wall mount appliance inlets,
internal fixing,
1 top cable entry M 50 and 1 x M 20,
2 bottom cable entries M 40,
3-pole: with terminal block set 3 x 50 mm²,
4-pole: with terminal block set 4 x 50 mm²,
5-pole: with terminal block set 5 x 50 mm²,
IP 67

OK = without terminal block set



Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	30	40	40	45	45	45	90	90	90
b	55	68	68	78	78	78	90	90	90
c	5,5	5,5	5,5	5,5	5,5	5,5	6,2	6,2	6,2
d	52	66	66	75	75	75	114	114	114
e	65	80	80	90	90	90	114	114	114
f	72	90	92	103	103	103	116	116	116
h	38	52	52	60	60	60	70	70	70
n	97	110	110	129	129	129	185	185	185
p	9,5	9,5	9,5	9,5	9,5	9,5	6	6	6
y	30	38	38	44	44	44	56	56	56
z	36	46	46	54	54	54	65	65	65

Panel mount appliance inlets,
angled, with screwed flange enclosure,
IP 44



Amp.	16			32		
Poles	3	4	5	3	4	5
a	47	60	60	60	60	60
b	47	60	60	60	60	60
c	5,5	5,5	5,5	5,5	5,5	5,5
d	62	80	80	80	80	80
e	62	80	80	80	80	80
f	47	47	47	56	56	56
h	50	67	67	71	71	71
n	22	22	22	22	22	22
p	8,5	8,5	8,5	8,5	8,5	8,5

Art. 600 ... :	
Amp.	16
Poles	3
a	60
b	60
c	5,5
d	75
e	75
f	47
h	50
n	22
p	8,5

Panel mount appliance inlets,
straight, screwed flange,
IP 44

- a retaining means has to be fitted on the device -

*) the 3 x 16 A version is alternatively available with 75 x 75 mm flange

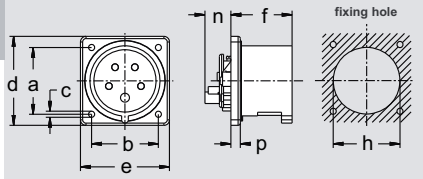
2P+E 3P+E 3P+N+E

Part numbers

Ampère	Poles	110 V 50 a. 60 Hz 3pole 4h	110 V 50 a. 60 Hz 4pole 4h	110 V 50 a. 60 Hz 5pole 4h	230 V 50 a. 60 Hz 3pole 6h	230 V 50 a. 60 Hz 4pole 9h	230 V 50 a. 60 Hz 5pole 9h	400 V 50 a. 60 Hz 3pole 9h	400 V 50 a. 60 Hz 4pole 6h	400 V 50 a. 60 Hz 5pole 6h	500 V 50 a. 60 Hz 3pole 7h	500 V 50 a. 60 Hz 4pole 7h	500 V 50 a. 60 Hz 5pole 7h	> 50 - 500 V 100 - 300 Hz 3pole 10h	> 50 - 500 V 100 - 300 Hz 4pole 10h	> 50 - 500 V 100 - 300 Hz 5pole 10h	> 50 - 500 V over 300 - 500 Hz 3pole 2h	> 50 - 500 V over 300 - 500 Hz 4pole 2h	> 50 - 500 V over 300 - 500 Hz 5pole 2h		
16	4	616 404			616 409			**616 406**			616 407			616 410			616 402			5	 636
16	5	616 504			616 509			**616**												5	
32	3	636 304			**636 306**			636 309												5	
32	4	636 404			636 409			**636 406**			636 407			636 410			636 402			5	
32	5	636 504			636 509			**636**												5	
16	3	618 304			**618 306**			618 309			upper part without retaining means									5	 638
16	4	618 404			618 409			**618 406**			618 407			618 410			618 402			5	
16	5	618 504			618 509			**618**												5	
32	3	638 304			**638 306**			638 309												5	
32	4	638 404			638 409			**638 406**			638 407			638 410			638 402			5	
32	5	638 504			638 509			**638**												5	
63	3	668 304			**668 306**			668 309												2	 668
63	4	668 404			668 409			**668 406**			668 407			668 410			668 402			2	
63	5	668 504			668 509			**668**												2	
125	3	678 304			**678 306**			678 309												1	 678
125	4	678 404			678 409			**678 406**			678 407			678 410			678 402			1	
125	5	678 504			678 509			**678**												1	
125	3	678 304 OK			**678 306 OK**			678 309 OK												1	
125	4	678 404 OK			678 409 OK			**678 406 OK**			678 407 OK			678 410 OK			678 402 OK			1	
125	5	678 504 OK			678 509 OK			**678 OK**												1	
16	3	611 304			**611 306**			611 309												10	 631
16	4	611 404			611 409			**611 406**			611 407			611 410			611 402			10	
16	5	611 504			611 509			**611**												10	
32	3	631 304			**631 306**			631 309												10	
32	4	631 404			631 409			**631 406**			631 407			631 410			631 402			10	
32	5	631 504			631 509			**631**												10	
63	3	661 304			**661 306**			661 309												5	
63	4	661 404			661 409			**661 406**			661 407			661 410			661 402			5	
63	5	661 504			661 509			**661**												5	
16	3	600 304 *			**600 306 ***			600 309 *												10	 635
16	3	615 304			**615 306**			615 309												10	
16	4	615 404			615 409			**615 406**			615 407			615 410			615 402			10	
16	5	615 504			615 509			**615**												10	
32	3	635 304			**635 306**			635 309												10	
32	4	635 404			635 409			**635 406**			635 407			635 410			635 402			10	
32	5	635 504			635 509			**635**												10	

Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

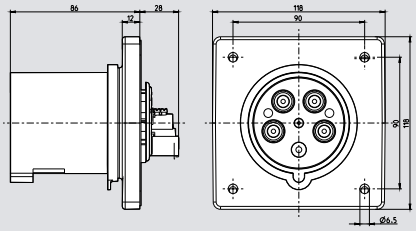
Plugs
- screwless
- with screw terminals



Amp.	16	32
Poles	5	5
a	60	60
b	60	60
c	5,5	5,5
d	80	80
e	80	80
f	47	56
h	67	71
n	22	22
p	8,5	8,5

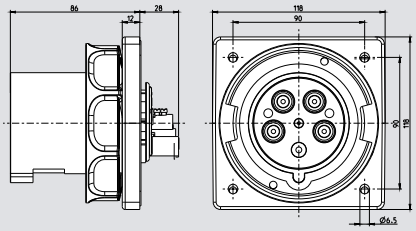
Panel mount appliance inlets
as phase inverters
straight, screwed flange,
IP 44

- a retaining means
has to be fitted on the device -



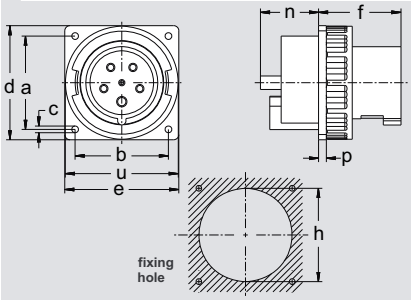
Panel mount appliance inlets
as phase inverters
straight, screwed flange,
IP 44

- a retaining means
has to be fitted on the device -



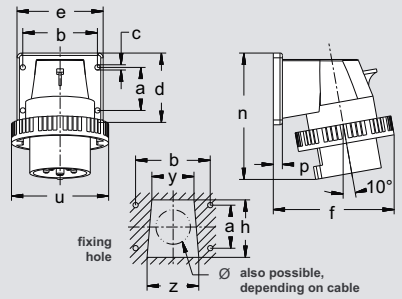
Panel mount appliance inlets
as phase inverters
straight, screwed flange,
IP 44

- a retaining means
has to be fitted on the device -



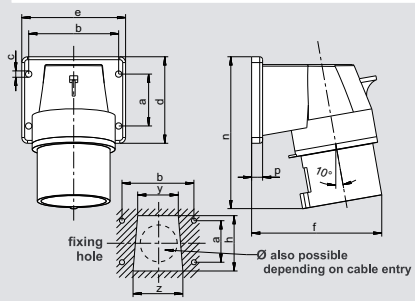
Amp.	125		
Poles	3	4	5
a	104	104	104
b	104	104	104
c	6,5	6,5	6,5
d	130	130	130
e	130	130	130
f	93	93	93
h	90	90	90
n	56	56	56
p	7,5	7,5	7,5
u	130	130	130

Panel mount appliance inlets,
straight, screwed flange,
IP 67



Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	30	40	40	45	45	45	90	90	90
b	55	68	68	78	78	78	90	90	90
c	5,5	5,5	5,5	5,5	5,5	5,5	6,2	6,2	6,2
d	52	66	66	75	75	75	114	114	114
e	65	80	80	90	90	90	114	114	114
f	81	99	103	111	111	117	129	129	129
h	38	52	52	60	60	60	90	90	90
n	98	111	113	131	131	131	184	184	184
p	9,5	9,5	9,5	9,5	9,5	9,5	6	6	6
u	72	81	88	96	96	103	110	110	110
y	30	38	38	44	44	44	56	56	56
z	36	46	46	54	54	54	65	65	65

Panel mount appliance inlets,
angled, screwed flange enclosure,
IP 67



Amp.	16	32
Poles	5	5
a	40	45
b	68	78
c	5,5	5,5
d	66	75
e	80	90
f	92	103
h	52	60
n	110	129
p	9,5	9,5
y	38	44
z	46	54

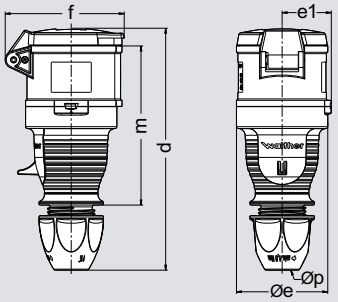
Panel mount appliance inlets
as phase inverters,
angled, screwed flange enclosure,
IP 44

2P+E 3P+E 3P+N+E

Ampère	Poles	110 V 50 a. 60 Hz 3pole 4h	110 V 50 a. 60 Hz 4pole 4h	110 V 50 a. 60 Hz 5pole 4h	230 V 50 a. 60 Hz 3pole 6h	230 V 50 a. 60 Hz 4pole 9h	230 V 50 a. 60 Hz 5pole 9h	400 V 50 a. 60 Hz 3pole 9h	400 V 50 a. 60 Hz 4pole 6h	400 V 50 a. 60 Hz 5pole 6h	500 V 50 a. 60 Hz 3pole 7h	500 V 50 a. 60 Hz 4pole 7h	500 V 50 a. 60 Hz 5pole 7h	> 50 - 500 V 100 - 300 Hz 3pole 10h	> 50 - 500 V 100 - 300 Hz 4pole 10h	> 50 - 500 V 100 - 300 Hz 5pole 10h	> 50 - 500 V over 300 - 500 Hz 3pole 2h	> 50 - 500 V over 300 - 500 Hz 4pole 2h	> 50 - 500 V over 300 - 500 Hz 5pole 2h		
		Part numbers																			
16	5							**615 PH**												10	 635PH
32	5							**635 PH**												10	
63	3	665304			665306			665309			665407			665410			665402			5	 665
63	4	665404			665409			665406												5	
63	5	665504			665509			665												5	
63	3	667304			667306			667309			667407			667410			667402			5	 667
63	4	667404			667409			667406												5	
63	5	667504			667509			667												5	
125	3	679 304			**679 306**			679 309												2	 679
125	4	679 404			679 409			**679 406**			679 407			679 410			679 402			2	
125	5	679 504			679 509			**679**												2	
125	5							**679 Ni**												2	
16	3	619 304			**619 306**			619 309												10	 639
16	4	619 404			619 409			**619 406**			619 407			619 410			619 402			10	
16	5	619 504			619 509			**619**												10	
16	5							**619 Ni**												10	
32	3	639 304			**639 306**			639 309												5	
32	4	639 404			639 409			**639 406**			639 407			639 410			639 402			5	
32	5	639 504			639 509			**639**												5	
32	5							**639 Ni**												5	
63	3	669 304			**669 306**			669 309												5	
63	4	669 404			669 409			**669 406**			669 407			669 410			669 402			5	
63	5	669 504			669 509			**669**												5	
63	5							**669 Ni**												5	
16	5							**611 PH**												10	 631PH
32	5							**631 PH**												10	

Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

Couplers
- screwless
- with screw terminals

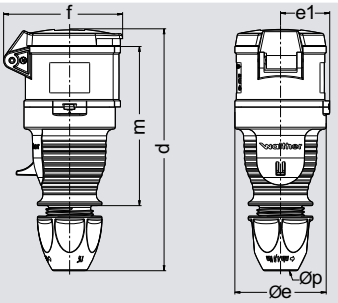


Amp.	16	16	32	32	32
Poles	4	5	3	4	5
d	165-176	165-176	189-199	189-199	189-199
Øe	65	65	72	72	72
e1	35	35	38,5	38,5	38,5
f	77	85	91	91	97
m	114	114	130	130	130
Øp	7,5 - 18,5	7,5 - 18,5	10 - 22,5	10 - 22,5	10 - 22,5

Couplers, screwless,
with insulation displacement connection,
with exterior cable gland,
IP 44 ⚠

Conductor cross sections:
16 A: 1 - 2,5 mm² / 32 A: 2,5 - 6 mm²

Cable diameters:
16 A: 7,5 - 18,5 mm / 32 A: 10 - 22,5 mm

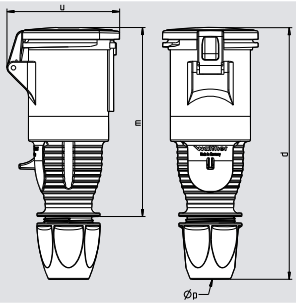


Amp.	16	16	32	32	32
Poles	4	5	3	4	5
d	165-176	165-176	189-199	189-199	189-199
Øe	65	65	72	72	72
e1	35	35	38,5	38,5	38,5
f	77	85	91	91	97
m	114	114	130	130	130
Øp	7,5 - 18,5	7,5 - 18,5	10 - 22,5	10 - 22,5	10 - 22,5

Couplers, screw terminal connection,
with exterior cable gland,
IP 44 ⚠

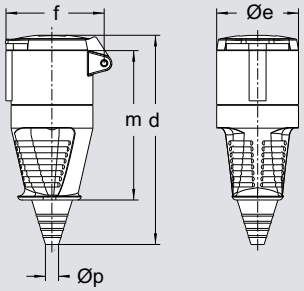
Conductor cross sections:
16 A: 1 - 2,5 mm² / 32 A: 2,5 - 6 mm²

Cable diameters:
16 A: 7,5 - 18,5 mm / 32 A: 10 - 22,5 mm



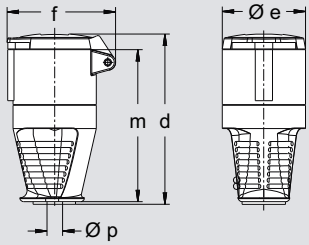
Amp.	63		
Poles	3	4	5
d	261	261	261
u	113	113	113
m	189	189	189
Øp	14-33	14-33	14-33

Couplers, screw terminal connection,
with exterior cable gland,
IP 44 ⚠



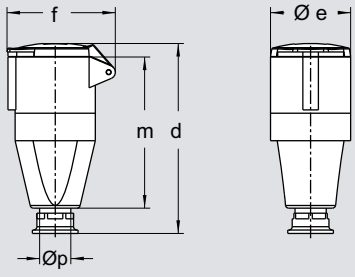
Amp.	16	63		
Poles	3	3	4	5
d	154	266	266	266
Øe	51	96	96	96
f	68	114	114	114
m	109	196	196	196
Øp	7/13	15/33	15/33	15/33

Couplers, screw terminal connection,
with flexible cable entry,
IP 44 ⚠



Amp.	16
Poles	3
d	121
Øe	51
f	68
m	108
Øp	8/15

Couplers, screw terminal connection,
with inverted cable entry,
IP 44 ⚠



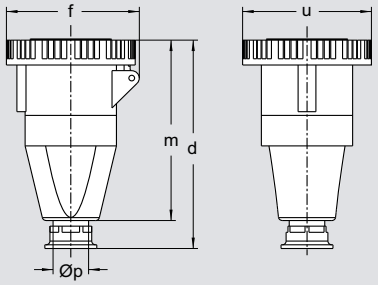
Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
d	135	151	151	171	171	171	255	255	255
Øe	51	65	65	72	72	72	96	96	96
f	68	85	85	91	91	98	114	114	114
m	110	113	113	136	136	136	194	194	194
Øp	7,5-14,5	7,5-14,5	7,5-14,5	10-19,5	10-19,5	10-19,5	18-34,5	18-34,5	18-34,5

Couplers, screw terminal connection,
with trumpet gland,
IP 44 ⚠

Ampère	Poles	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			> 50 - 500 V 100 - 300 Hz			> 50 - 500 V over 300 - 500 Hz			
		3pole 4h	4pole 4h	5pole 4h	3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	3pole 10h	4pole 10h	5pole 10h	3pole 2h	4pole 2h	5pole 2h	
								Part numbers												
16	4	310 404 SL			310 409 SL			**310 406 SL**			310 407 SL			310 410 SL			310 402 SL			10/60
16	5	310 504 SL			310 509 SL			**310SL**												10/60
32	3	330 304 SL			**330 306 SL**			330 309 SL												10/60
32	4	330 404 SL			330 409 SL			**330 406 SL**			330 407 SL			330 410 SL			330 402 SL			10/60
32	5	330 504 SL			330 509 SL			**330 SL**												10/60
16	4	310 404			310 409			**310 406**			310 407			310 410			310 402			10
16	5	310 504			310 509			**310**												10/60
32	3	330 304			**330 306**			330 309												10
32	4	330 404			330 409			**330 406**			330 407			330 410			330 402			10
32	5	330 504			330 509			**330**												10/60
63	3	362 304			**362 306**			362 309												5
63	4	362 404			362 409			**362 406**			362 407			362 410			362 402			5
63	5	362 504			362 509			**362**												5
63	5							**362 Ni**												5
16	3	310 304			**310 306**			310 309												10/60
63	3	360 304			**360 306**			360 309												5
63	4	360 404			360 409			**360 406**			360 407			360 410			360 402			5
63	5	360 504			360 509			**360**												5
63	5							**360 Ni**												5
16	3	315 304			**315 306**			315 309												10
16	3	311 304			**311 306**			311 309												10
16	4	311 404			311 409			**311 406**			311 407			311 410			311 402			10
16	5	311 504			311 509			**311**												10
16	5							**311 Ni**												10
32	3	331 304			**331 306**			331 309												10
32	4	331 404			331 409			**331 406**			331 407			331 410			331 402			10
32	5	331 504			331 509			**331**												10
32	5							**331 Ni**												10
63	3	361 304			**361 306**			361 309												5
63	4	361 404			361 409			**361 406**			361 407			361 410			361 402			5
63	5	361 504			361 509			**361**												5
63	5							**361 Ni**												5

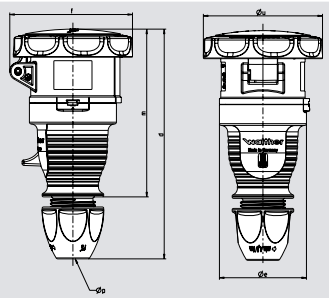
The here listed 63A couplers are also available with **pilot contact**.
To order them, simply add a "**P**" behind the standard part number.
Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

Couplers
- screwless
- with screw terminals



Amp.	16	63			125		
Poles	3	3	4	5	3	4	5
d	136	255	255	255	332	332	332
f	78	117	117	117	130	130	130
m	121	206	206	206	275	275	275
u	72	110	110	110	130	130	130
Øp	7,5 - 14,5	18 - 34,5	18 - 34,5	18 - 34,5	24 - 45	24 - 45	24 - 45

Couplers, screw terminal connection,
with trumpet gland,
125 A couplers with Multi-Contact
IP 67

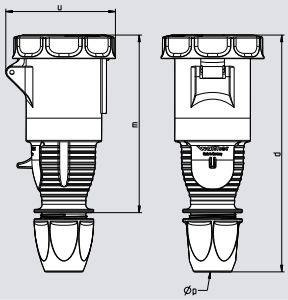


Amp.	16	16	32	32
Poles	4	5	3 / 4	5
d	150-161	150-161	174-183	174-183
Ø e	Ø 65	Ø 65	Ø 72	Ø 72
f	85	92	95	104
m	125	125	142	142
Ø u	Ø 81	Ø 89	Ø 95	Ø 100
Ø p	7,5 - 18,5	7,5 - 18,5	10 - 22,5	10 - 22,5

Couplers, screw terminal connection,
with exterior cable gland,
IP 67

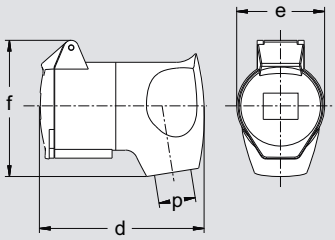
or

Couplers, screwless („SL“),
with insulation displacement connection,
with exterior cable gland,
IP 67



Amp.	63		
Poles	3	4	5
d	261	261	261
u	116	116	116
m	189	189	189
Øp	14-33	14-33	14-33

Couplers, screw terminal connection,
with exterior cable gland,
IP 67



Amp.	16
Poles	3
d	95
e	50,3
f	80
p	8/13

Angled couplers,
screw terminal connection,
IP 44

A **holding plate** allows you to suspend a **plug/coupler with exterior cable gland** from the ceiling.

314 500 = holding plate for **16 A** plug/coupler

334 500 = holding plate for **32 A** plug/coupler

Part numbers

Ampère	Poles	110 V 50 a. 60 Hz (3pole 4h, 4pole 4h, 5pole 4h)	230 V 50 a. 60 Hz (3pole 6h, 4pole 9h, 5pole 9h)	400 V 50 a. 60 Hz (3pole 9h, 4pole 6h, 5pole 6h)	500 V 50 a. 60 Hz (3pole 7h, 4pole 7h, 5pole 7h)	> 50 - 500 V 100 - 300 Hz (3pole 10h, 4pole 10h, 5pole 10h)	> 50 - 500 V over 300 - 500 Hz (3pole 2h, 4pole 2h, 5pole 2h)	Packing unit
16	3	319 304	**319 306**	319 309				10
16	5			**319 Ni**				10
32	5			**339 Ni**				10
63	3	369 304	**369 306**	369 309				5
63	4	369 404	369 409	**369 406**	369 407	369 410	369 402	5
63	5	369 504	369 509	**369**				5
63	5			**369 Ni**				5
125	3	379 304	**379 306**	379 309				2
125	4	379 404	379 409	**379 406**	379 407	379 410	379 402	2
125	5	379 504	379 509	**379**				2
125	5			**379 Ni**				2


319

Ampère	Poles	110 V	230 V	400 V	500 V	> 50 - 500 V 100 - 300 Hz	> 50 - 500 V over 300 - 500 Hz	Packing unit
16	4	319 404	319 409	**319 406**	319 407	319 410	319 402	10
16	5	319 504	319 509	**319**				10
32	3	339 304	**339 306**	339 309				10
32	4	339 404	339 409	**339 406**	339 407	339 410	339 402	10
32	5	339 504	339 509	**339**				10

Couplers with new design and cable gland. Additionally available as **screwless version** with insulation displacement connection. To order a coupler as screwless version, just add "**SL**" behind the part number.


339

Ampère	Poles	110 V	230 V	400 V	500 V	> 50 - 500 V 100 - 300 Hz	> 50 - 500 V over 300 - 500 Hz	Packing unit
63	3	368 304	**368 306**	368 309				10
63	4	368 404	368 409	**368 406**	368 407	368 410	368 402	10
63	5	368 504	368 509	**368**				10


368

Ampère	Poles	110 V	230 V	400 V	500 V	> 50 - 500 V 100 - 300 Hz	> 50 - 500 V over 300 - 500 Hz	Packing unit
16	3	316 304	**316 306**	316 309				10


316 306

Padlock
for locking IP 67 plugs and couplers

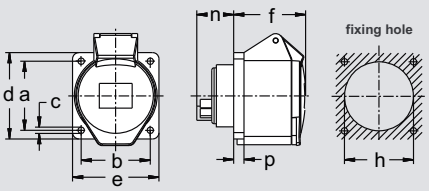
16 A, 4 and 5 pole and
32 A, 3, 4 and 5 pole

Part no. 501 | 1


501

The here listed 63A + 125A couplers are also available with **pilot contact**.
To order them, simply add a "**P**" behind the standard part number.
Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

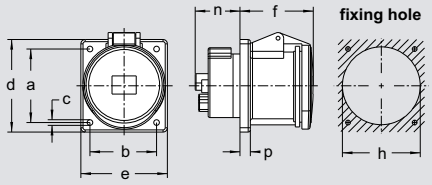
Panel sockets



Amp.	16			32		
Poles	3	4	5	3	4	5
a	60	60	60	60	60	60
b	60	60	60	60	60	60
c	5,5	5,5	5,5	5,5	5,5	5,5
d	75	75	75	75	75	75
e	75	75	75	75	75	75
f	52	53	53	65	65	65
h	46	60	60	60	60	60
n	28	28	28	27	27	27
p	6	9	9	9	9	9

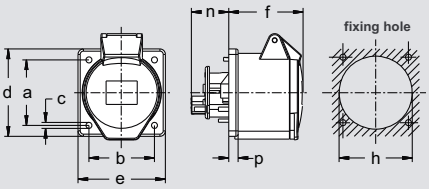
Suitable blind flange, part no. 10 015:	
a	60
b	60
c	5,2
d	75
e	75
p	6

Panel sockets, straight,
flange dimensions 75 x 75,
fingerproof acc. to BGV A3,
IP 44 ⚠



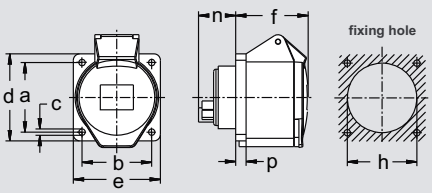
Amp.	63		
Poles	3	4	5
a	85	85	85
b	77	77	77
c	6,5	6,5	6,5
d	107	107	107
e	100	100	100
f	85	85	85
h	90	90	90
n	52	52	52
p	12	12	12

Panel sockets, straight,
flange dimensions 107 x 100,
fingerproof acc. to BGV A3,
IP 44 ⚠



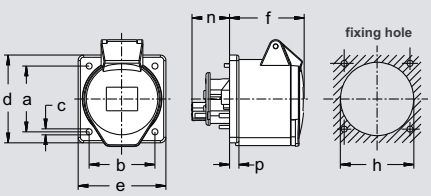
Amp.	16		32		
Poles	4	5	3	4	5
a	60	60	60	60	60
b	60	60	60	60	60
c	5,5	5,5	5,5	5,5	5,5
d	80	80	80	80	80
e	80	80	80	80	80
f	60	60	60	60	60
h	67	67	71	71	71
n	32	32	32	32	32
p	8,5	8,5	8,5	8,5	8,5

Panel sockets, straight,
with screwed flange,
flange dimensions 80 x 80,
fingerproof acc. to BGV A3
(also suitable for cable ducts
with 80 mm cover height),
IP 44 ⚠



Amp.	16
Poles	3
a	47
b	47
c	5,5
d	62
e	62
f	52
h	46
n	28
p	6

Panel sockets, straight,
flange dimensions 62 x 62,
fingerproof acc. to BGV A3,
IP 44 ⚠



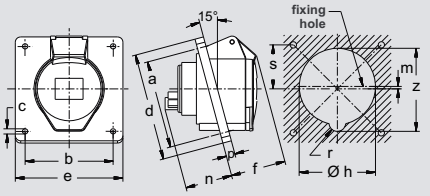
Amp.	16
Poles	3
a	47
b	47
c	5,5
d	62
e	62
f	58
h	50
n	32
p	8,5

Panel sockets, straight,
with screwed flange,
flange dimensions 62 x 62,
fingerproof acc. to BGV A3,
IP 44 ⚠

Ampère	Poles	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			> 50 - 500 V 100 - 300 Hz			> 50 - 500 V over 300 - 500 Hz				
		3pole 4h	4pole 4h	5pole 4h	3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	3pole 10h	4pole 10h	5pole 10h	3pole 2h	4pole 2h	5pole 2h		
		Part numbers																			
16	3	411 304			**411 306**			411 309												10	
16	4	410 404			410 409			**410 406**			410 407			410 410			410 402			10	
16	5	410 504			410 509			**410**												10	
16	5							**410 Ni**												10	
32	3	430 304			**430 306**			430 309												10	
32	4	430 404			430 409			**430 406**			430 407			430 410			430 402			10	
32	5	430 504			430 509			**430**												10	
32	5							**430 Ni**												10	
63	3	460 304			**460 306**			460 309												5	
63	4	460 404			460 409			**460 406**			460 407			460 410			460 402			5	
63	5	460 504			460 509			**460**												5	
63	5							**460 Ni**												5	
16	4	411 404			411 409			**411 406**			411 407			411 410			411 402			10	
16	5	411 504			411 509			**411**												10	
32	3	431 304			**431 306**			431 309												10	
32	4	431 404			431 409			**431 406**			431 407			431 410			431 402			10	
32	5	431 504			431 509			**431**												10	
16	3	410 304			**410 306**			410 309												10/60	
16	3	412 304			**412 306**			412 309												10	

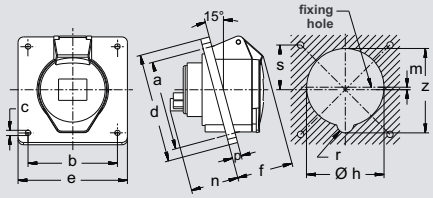
The here listed 63 A panel sockets are also available with **pilot contact**.
To order them, simply add a "**P**" behind the standard part number.
Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

Panel sockets



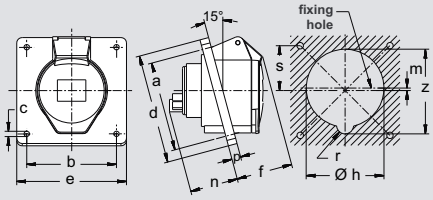
Amp.	16			32		
Poles	3	4	5	3	4	5
a	47	60	60	60	60	70
b	47	60	60	60	60	60
c	5,5	5,5	5,5	5,5	5,5	5,5
d	68	75	85	90	90	95
e	62	75	75	75	75	80
f	45	51	51	52	52	56
h	51	60	68	67	67	76
m	-/-	2	2	-/-	-/-	2,5
n	41	38	38	47	47	47
p	6	9	9	9	9	9
r	6,5	7,5	8	7,5	7,5	8,5
s	-/-	-/-	30	-/-	-/-	35
y	52,5	62	-/-	71	71	-/-
z	57	64	73	76	76	83

Panel sockets, angled,
fingerproof acc. to BGV A3,
IP 44 ⚠



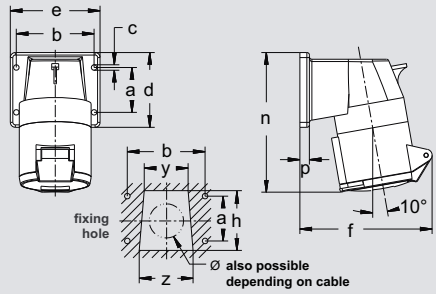
Amp.	16		32			63		
Poles	4	5	3	4	5	3	4	5
a	85	85	85	85	85	85	85	85
b	77	77	77	77	77	77	77	77
c	5,5	5,5	5,5	5,5	5,5	6,5	6,5	6,5
d	100	100	100	100	100	107	100	107
e	92	92	92	92	92	100	92	100
f	51	51	52	52	56	79	79	79
h	75	70	75	75	78	81	81	84
m	2	2	-/-	2,5	2,5	-/-	3	3
n	38	38	47	47	47	64	64	64
p	9	9	9	9	9	12	12	12
r	7,5	7,5	7,5	7,5	8,5	8	8	9
s	42,5	42,5	-/-	42,5	42,5	-/-	42,5	42,5
y	-/-	-/-	80	80	-/-	85	85	-/-
z	85	74	85	85	85	90	90	90

Panel sockets, angled,
fixing dimensions 85 x 77,
fingerproof acc. to BGV A3,
IP 44 ⚠



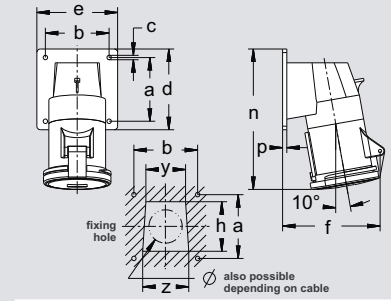
Amp.	16	32	63
Poles	5	5	5
a	90	90	90
b	90	90	90
c	5,5	5,5	6,5
d	110	110	114
e	110	110	114
f	51	56	79
h	70	78	86
m	2	2,5	2,5
n	38	47	64
p	9	9	12
r	7,5	8,5	10
s	45	45	45
z	74	85	94

Panel sockets, angled,
fixing dimensions 90 x 90,
16 - 63 A fingerproof acc. to BGV A3,
IP 44 ⚠



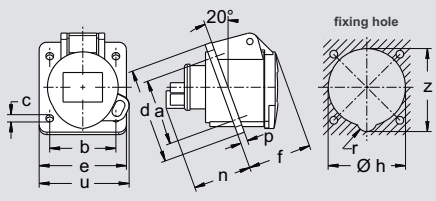
Amp.	16			32		
Poles	3	4	5	3	4	5
a	30	40	40	45	45	45
b	55	68	68	78	78	78
c	5,5	5,5	5,5	5,5	5,5	5,5
d	52	66	66	75	75	75
e	65	80	80	90	90	90
f	87	110	110	120	120	124
h	38	52	52	60	60	60
n	116	122	122	141	141	142
p	9,5	9,5	9,5	9,5	9,5	9,5
y	30	38	38	44	44	44
z	36	46	46	54	54	54

Panel sockets, angled,
with screwed flange enclosure,
IP 44 ⚠



Amp.	63		
Poles	3	4	5
a	90	90	90
b	90	90	90
c	6,2	6,2	6,2
d	114	114	114
e	114	114	114
f	140	140	140
h	70	70	70
n	194	194	194
p	6	6	6
y	56	56	56
z	65	65	65

Panel sockets, angled,
with screwed flange enclosure,
IP 44 ⚠



Amp.	16
Poles	3
a	47
b	47
c	5,5
d	68
e	62
f	46
h	55
n	41
p	5
r	5
u	65
z	58

Panel sockets, angled,
with eye for padlock,
for locking with plug
212 306, 212 304 or 212 309,
IP 44 ⚠

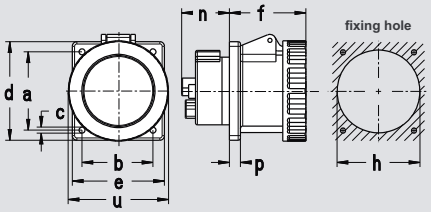
Ampère	Poles	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			> 50 - 500 V 100 - 300 Hz			> 50 - 500 V over 300 - 500 Hz			
		3pole 4h	4pole 4h	5pole 4h	3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	3pole 10h	4pole 10h	5pole 10h	3pole 2h	4pole 2h	5pole 2h	
		Part numbers																		
16	3	510 304			**510 306**			510 309												10
16	4	510 404			510 409			**510 406**			510 407			510 410			510 402			10
16	5	510 504			510 509			**510**												10
16	5							**510 Ni**												10
32	3	530 304			**530 306**			530 309												10
32	4	530 404			530 409			**530 406**			530 407			530 410			530 402			10
32	5	530 504			530 509			**530**												10
32	5							**530 Ni**												10
16	4	511 404			511 409			**511 406**			511 407			511 410			511 402			10
16	5	511 504			511 509			**511**												10
32	3	531 304			**531 306**			531 309												10
32	4	531 404			531 409			**531 406**			531 407			531 410			531 402			10
32	5	531 504			531 509			**531**												10
63	3	560 304			**560 306**			560 309												5
63	4	560 404			560 409			**560 406**			560 407			560 410			560 402			5
63	5	560 504			560 509			**560**												5
63	5							**560 Ni**												5
16	5	512 504			512 509			**512**												10
16	5							**512 Ni**												10
32	5	532 504			532 509			**532**												10
32	5							**532 Ni**												10
63	5	562 504			562 509			**562**												5
63	5							**562 Ni**												5
16	3	514 304			**514 306**			514 309												10
16	4	514 404			514 409			**514 406**			514 407			514 410			514 402			10
16	5	514 504			514 509			**514**												10
32	3	534 304			**534 306**			534 309												5
32	4	534 404			534 409			**534 406**			534 407			534 410			534 402			5
32	5	534 504			534 509			**534**												5
63	3	564 304			**564 306**			564 309												5
63	4	564 404			564 409			**564 406**												5
63	5	564 504			564 509			**564**												5
16	3	512 304			**512 306**			512 309												10

2P+E 3P+E 3P+N+E

5

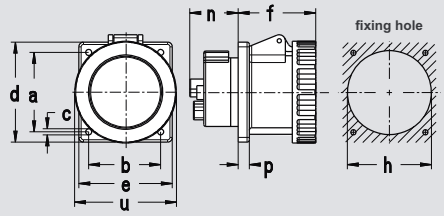
The here listed 63 A panel sockets are also available with **pilot contact**.
To order them, simply add a "**P**" behind the standard part number.
Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

Panel sockets



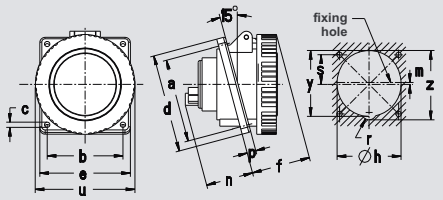
Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	47	60	60	60	60	60	85	85	85
b	47	60	60	60	60	60	77	77	77
c	5,5	5,5	5,5	5,5	5,5	5,5	6,5	6,5	6,5
d	62	75	75	75	75	75	107	107	107
e	62	75	75	75	75	75	100	100	100
f	52	52	52	65	65	65	83	83	83
h	46	60	60	60	60	60	90	90	90
n	28	28	28	27	27	27	52	52	52
p	6	9	9	9	9	9	12	12	12
u	72	81	88	96	96	103	110	110	110

Panel sockets, straight,
fingerprooof acc. to BGV A3,
IP 67 💧💧



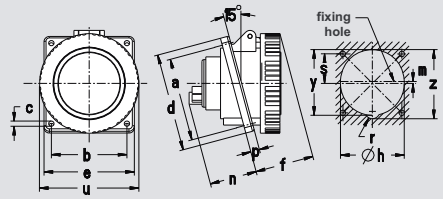
Amp.	125		
Poles	3	4	5
a	90	90	90
b	90	90	90
c	6,5	6,5	6,5
d	114	114	114
e	114	114	114
f	96	96	96
h	90	90	90
n	64	64	64
p	12	12	12
u	130	130	130

Panel sockets, straight,
with Multi-Contact,
back-of-hand proof acc. to BGV A3,
IP 67 💧💧



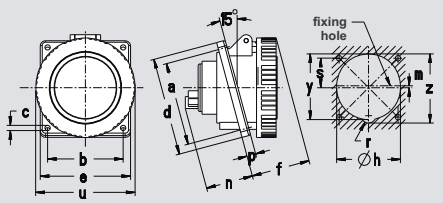
Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	47	85	85	85	85	85	85	85	85
b	47	77	77	77	77	77	77	77	77
c	5,5	5,5	5,5	5,5	5,5	5,5	6,5	6,5	6,5
d	68	100	100	100	100	100	107	107	107
e	62	92	92	92	92	92	100	100	100
f	49	52	52	56	56	60	82	82	82
h	51	73	70	73	73	78	81	81	84
m	-/-	2	2	-/-	2,5	2,5	-/-	2,5	3
n	41	38	38	47	47	47	64	64	64
p	6	9	9	9	9	9	12	12	12
r	6,5	7,5	7,5	7,5	7,5	8,5	8	8	9
s	-/-	42,5	42,5	-/-	42,5	42,5	-/-	42,5	42,5
u	72	81	88	96	96	103	110	110	110
y	53	76	-/-	76	76	-/-	85	85	-/-
z	57	82	74	82	82	85	90	90	90

Panel sockets, angled,
fingerprooof acc. to BGV A3,
IP 67 💧💧



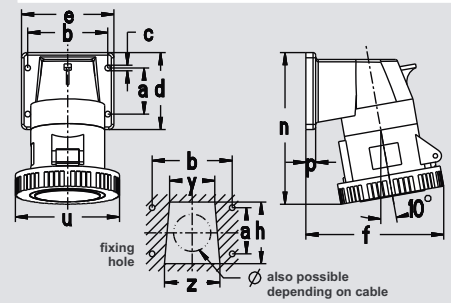
Amp.	125		
Poles	3	4	5
a	90	90	90
b	90	90	90
c	6,5	6,5	6,5
d	114	114	114
e	114	114	114
f	94	94	94
h	90	90	88
m	-/-	8	8
n	75	75	75
p	12	12	12
r	8	8	9,5
s	-/-	45	45
u	130	130	130
y	96	96	96
z	102	102	104

Panel sockets, angled,
with Multi-Contact,
back-of-hand proof acc. to BGV A3,
IP 67 💧💧



Amp.	16		32			63
Poles	4	5	3	4	5	5
a	60	60	60	60	70	90
b	60	60	60	60	60	90
c	5,5	5,5	5,5	5,5	5,5	6,5
d	75	85	90	90	95	114
e	75	75	75	75	80	114
f	52	52	56	56	60	72
h	60	68	67	67	76	86
m	-/-	2	-/-	-/-	2,5	2,5
n	38	38	47	47	47	82
p	9	9	9	9	9	6
r	7,5	8	7,5	7,5	8,5	10
s	-/-	30	-/-	-/-	35	45
u	81	88	96	96	103	110
y	62	-/-	71	71	-/-	-/-
z	64	73	76	76	83	94

Panel sockets, angled,
fingerprooof acc. to BGV A3,
IP 67 💧💧



Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	30	40	40	45	45	45	90	90	90
b	55	68	68	78	78	78	90	90	90
c	5,5	5,5	5,5	5,5	5,5	5,5	6,2	6,2	6,2
d	52	66	66	75	75	75	114	114	114
e	65	80	80	90	90	90	114	114	114
f	88	108	108	121	121	123	143	143	143
h	38	52	52	60	60	60	70	70	70
n	109	123	123	145	145	145	203	203	203
p	9,5	9,5	9,5	9,5	9,5	9,5	6	6	6
u	72	81	88	96	96	103	110	110	110
y	30	38	38	44	44	44	56	56	56
z	36	46	46	54	54	54	65	65	65

Panel sockets, angled,
with screwed flange enclosure,
IP 67 💧💧

Ampère	Poles	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			> 50 - 500 V 100 - 300 Hz			> 50 - 500 V over 300 - 500 Hz				
		3pole 4h	4pole 4h	5pole 4h	3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	3pole 10h	4pole 10h	5pole 10h	3pole 2h	4pole 2h	5pole 2h		
		Part numbers																			
16	3	419 304			**419 306**			419 309			419 407			419 410			419 402			10	
16	4	419 404			419 409			**419 406**												10	
16	5	419 504			419 509			**419**												10	
16	5							**419 Ni**												10	
32	3	439 304			**439 306**			439 309												10	
32	4	439 404			439 409			**439 406**			439 407			439 410			439 402			10	
32	5	439 504			439 509			**439**												10	
32	5							**439 Ni**												10	
63	3	469 304			**469 306**			469 309												5	
63	4	469 404			469 409			**469 406**			469 407			469 410			469 402			5	
63	5	469 504			469 509			**469**												5	
63	5							**469 Ni**												5	
125	3	479 304			**479 306**			479 309												2	
125	4	479 404			479 409			**479 406**			479 407			479 410			479 402			2	
125	5	479 504			479 509			**479**												2	
125	5							**479 Ni**												2	
16	3	519 304			**519 306**			519 309												10	
16	4	519 404			519 409			**519 406**			519 407			519 410			519 402			10	
16	5	519 504			519 509			**519**												10	
16	5							**519 Ni**												10	
32	3	539 304			**539 306**			539 309												10	
32	4	539 404			539 409			**539 406**			539 407			539 410			539 402			10	
32	5	539 504			539 509			**539**												10	
32	5							**539 Ni**												10	
63	3	569 304			**569 306**			569 309												5	
63	4	569 404			569 409			**569 406**			569 407			569 410			569 402			5	
63	5	569 504			569 509			**569**												5	
63	5							**569 Ni**												5	
125	3	579 304			**579 306**			579 309												2	
125	4	579 404			579 409			**579 406**			579 407			579 410			579 402			2	
125	5	579 504			579 509			**579**												2	
125	5							**579 Ni**												2	
16	4	517 404			517 409			**517 406**			517 407			517 410			517 402			10	
16	5	517 504			517 509			**517**												10	
32	3	537 304			**537 306**			537 309												10	
32	4	537 404			537 409			**537 406**			537 407			537 410			537 402			10	
32	5	537 504			537 509			**537**												10	
63	5	567 504			567 509			**567**												5	
16	3	518 304			**518 306**			518 309												10	
16	4	518 404			518 409			**518 406**			518 407			518 410			518 402			10	
16	5	518 504			518 509			**518**												10	
32	3	538 304			**538 306**			538 309												10	
32	4	538 404			538 409			**538 406**			538 407			538 410			538 402			10	
32	5	538 504			538 509			**538**												10	
63	3	568 304			**568 306**			568 309												5	
63	4	568 404			568 409			**568 406**			568 407			568 410			568 402			5	
63	5	568 504			568 509			**568**												5	

2P+E 3P+E 3P+N+E


439


479


539

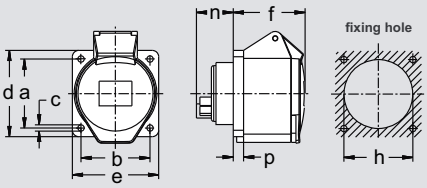

579


537


538

The here listed 63 A and 125 A panel sockets are also available with **pilot contact**.
To order them, simply add a "**P**" behind the standard part number.
Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

Panel sockets

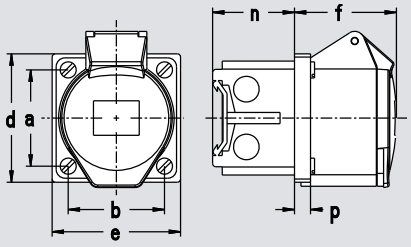


Amp.	16			32		
Poles	3	4	5	3	4	5
a	60	60	60	60	60	60
b	60	60	60	60	60	60
c	5,5	5,5	5,5	5,5	5,5	5,5
d	75	75	75	75	75	75
e	75	75	75	75	75	75
f	52	53	53	65	65	65
h	46	60	60	60	60	60
n	28	28	28	27	27	27
p	6	9	9	9	9	9

Fixing dimensions = a +b

Flange dimensions = d + e

Panel socket, straight,
also suitable for cable ducts,
cable duct mounting dimensions: 60 x 60 mm
IP 44 ⚠



Amp.	16			32		
Poles	3	4	5	3	4	5
a	60	60	60	60	60	60
b	60	60	60	60	60	60
d	80	80	80	80	80	80
e	80	80	80	80	80	80
f	56	59	59	62	69	69
n	52	52	52	52	52	52
p	10	10	10	10	10	10

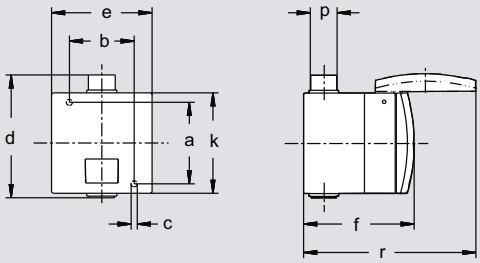
Panel sockets, straight,
for switch cabinet installation,
junction box mountable on DIN-rail,
occupies 4,5 MCB module widths,
IP 44 ⚠

Ampère	Poles	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			> 50 - 500 V 100 - 300 Hz			> 50 - 500 V over 300 - 500 Hz			
		3pole 4h	4pole 4h	5pole 4h	3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	3pole 10h	4pole 10h	5pole 10h	3pole 2h	4pole 2h	5pole 2h	
		Part numbers																		
16	3				**411 306**															10
16	4							**410 406**												10
16	5							**410**												10
32	3				**430 306**															10
32	4							**430 406**												10
32	5							**430**												10
16	3	411 304 VS			**411 306 VS**			411 309 VS												10
16	4							**410 406 VS**			410 407 VS									10
16	5	410 504 VS			410 509 VS			**410 VS**												10
32	3				**430 306 VS**															10
32	4							**430 406 VS**												10
32	5	430 504 VS			430 509 VS			**430 VS**												10

5

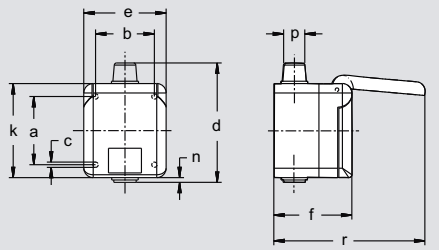
Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

Mondo



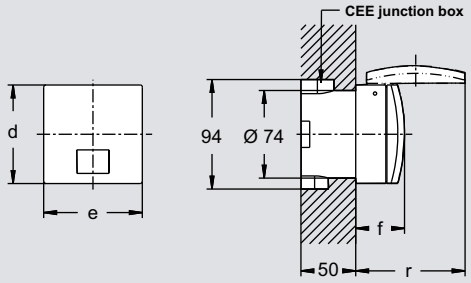
Amp.	16			32		
Poles	3	4	5	3	4	5
d	85	98	98	115	115	115
e	50,3	64,3	64,3	72	72	72
f	70	86	86	96	96	100
n	37	37	37	45,8	45,8	45,8
p	8/15	10/16,5	10/16,5	11/22	11/22	11/22

mondo wall sockets,
surface mount
RAL 7035 light grey,
IP 44 ⚠



Amp.	16
Poles	3
a	58
b	50
c	4,5
d	98
e	70
f	68
k	80
n	5
p	7/17,5
r	130

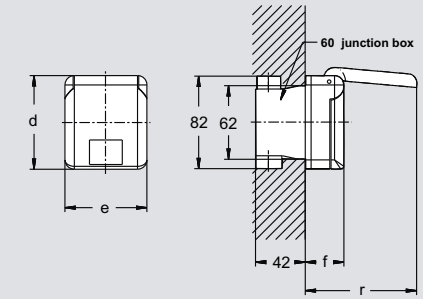
mondo wall sockets,
small version, surface mount,
RAL 7035 light grey,
IP 44 ⚠



Amp.	16		
Poles	3	4	5
d	90	90	90
e	90	90	90
f	38	38	38
r	96	96	96

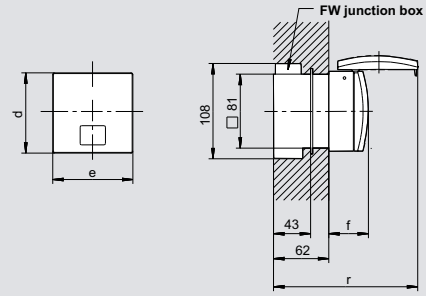
mondo wall sockets,
flush mount,
with flush-type junction box,
with plaster compensation, IP 44 ⚠

Available in three colours:
RAL 1013 pearl white
RAL 7035 light grey (suffix „LG“)
RAL 9010 clear white (suffix „RW“),



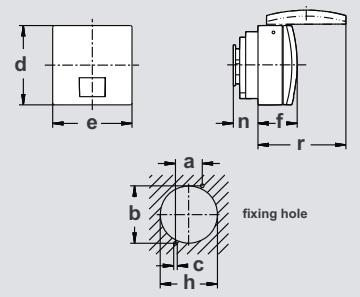
Amp.	16
Poles	3
d	80
e	70
f	33
r	96

mondo wall sockets,
small version, flush mount,
RAL 1013 pearl white
RAL 7035 light grey (with suffix ‘LG’),
RAL 9010 clear white (with suffix ‘RW’),
with flush-type junction box,
with plaster compensation,
IP 44 ⚠



Amp.	32		
Poles	3	4	5
d	90	90	90
e	90	90	90
f	45	45	45
r	104	104	104

mondo wall sockets,
flush mount,
RAL 1013 pearl white,
with flush-type junction box,
with plaster compensation,
IP 44 ⚠
Available in three colours:
RAL 1013 pearl white
RAL 7035 light grey (LG)
RAL 9010 clear white (RW)



Amp.	16			32		
Poles	3	4	5	3	4	5
a	30,4	30,4	30,4	60	60	60
b	65,2	65,2	65,2	60	60	60
c	4,1	4,1	4,1	4,1	4,1	4,1
d	90	90	90	90	90	90
e	90	90	90	90	90	90
f	38	38	38	45	45	45
h	65	65	65	75	75	75
n	36	36	36	31	31	31
r	96	96	96	104	104	104
z	-/-	-/-	-/-	80	80	80

mondo panel sockets, straight,
IP 44 ⚠

Available in three colours:
RAL 7035 light grey,
RAL 9010 clear white (RW),
RAL 1013 pearl white (PW)

Ampère	Poles	110 V 50 a. 60 Hz (3pole 4h, 4pole 4h, 5pole 4h)	230 V 50 a. 60 Hz (3pole 6h, 4pole 9h, 5pole 9h)	400 V 50 a. 60 Hz (3pole 9h, 4pole 6h, 5pole 6h)	500 V 50 a. 60 Hz (3pole 7h, 4pole 7h, 5pole 7h)	> 50 - 500 V 100 - 300 Hz (3pole 10h, 4pole 10h, 5pole 10h)	> 50 - 500 V over 300 - 500 Hz (3pole 2h, 4pole 2h, 5pole 2h)	
		Part numbers						
16	3	116 304	**116 306**	116 309				5
16	4	116 404	116 409	**116 406**	116 407	116 410	116 402	5
16	5	116 504	116 509	**116**				5
32	3	136 304	**136 306**	136 309				5
32	4	136 404	136 409	**136 406**	136 407	136 410	136 402	5
32	5	136 504	136 509	**136**				5

2 P + E · 3 P + E · 3 P + N + E

To order a ... ► **... please add the following suffix to the part no.:**

- wall socket with **inscription label** „**BS**“ e.g. 436 BS
- **lockable** wall socket **with inscription label** „**AS**“ e.g. 436 AS

Ampère	Poles	110 V	230 V	400 V	500 V	> 50 - 500 V 100 - 300 Hz	> 50 - 500 V over 300 - 500 Hz	
16	3	117 304	**117 306**	117 309				10

Ampère	Poles	110 V	230 V	400 V	500 V	> 50 - 500 V 100 - 300 Hz	> 50 - 500 V over 300 - 500 Hz	
16	3	416 304	**416 306**	416 309				10
16	4	416 404	416 409	**416 406**	416 407	416 410	416 402	10
16	5	416 504	416 509	**416**				10

To order a ... ► **... please add the following suffix to the part no.:**

- wall socket with **inscription label** „**BS**“ e.g. 436 BS
- **lockable** wall socket **with inscription label** „**AS**“ e.g. 436 AS
- **light grey** wall socket (RAL 7035) „**LG**“ e.g. 436 LG (or 436 BSLG or 436 ASLG)
- **clear white** wall socket (RAL 9010) „**RW**“ e.g. 436 RW (or 436 BSRW or 436 ASRW)

Ampère	Poles	110 V	230 V	400 V	500 V	> 50 - 500 V 100 - 300 Hz	> 50 - 500 V over 300 - 500 Hz	
16	3	418 304	**418 306**	418 309				10
16	3		**418 306 LG**					10
16	3		**418 306 RW**					10

Ampère	Poles	110 V	230 V	400 V	500 V	> 50 - 500 V 100 - 300 Hz	> 50 - 500 V over 300 - 500 Hz	
32	3	436 304	**436 306**	436 309				5
32	4	436 404	436 409	**436 406**	436 407	436 410	436 402	5
32	5	436 504	436 509	**436**				5

To order a ... ► **... please add the following suffix to the part no.:**

- wall socket with **inscription label** „**BS**“ e.g. 436 BS
- **lockable** wall socket **with inscription label** „**AS**“ e.g. 436 AS
- **light grey** wall socket (RAL 7035) „**LG**“ e.g. 436 LG (or 436 BSLG or 436 ASLG)
- **clear white** wall socket (RAL 9010) „**RW**“ e.g. 436 RW (or 436 BSRW or 436 ASRW)

Ampère	Poles	110 V	230 V	400 V	500 V	> 50 - 500 V 100 - 300 Hz	> 50 - 500 V over 300 - 500 Hz	
16	3	415 304	**415 306**	415 309				10
16	4	415 404	415 409	**415 406**	415 407	415 410	415 402	10
16	5	415 504	415 509	**415**				10
32	3	435 304	**435 306**	435 309				10
32	4	435 404	435 409	**435 406**	435 407	435 410	435 402	10
32	5	435 504	435 509	**435**				10

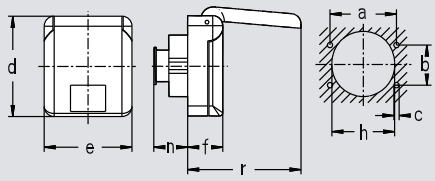
To order a ... ► **... please add the following suffix to the part no.:**

- wall socket with **inscription label** „**BS**“ e.g. 436 BS
- **lockable** wall socket **with inscription label** „**AS**“ e.g. 436 AS

Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

6

Mondo

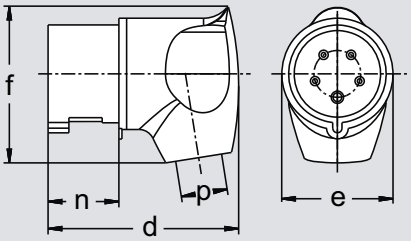


Amp.	16
Poles	3
a	53
b	32
c	4,2
d	80
e	70
f	28
h	50
n	29
r	91

Fixing dimensions = a +b,
Flange dimensions = d + e

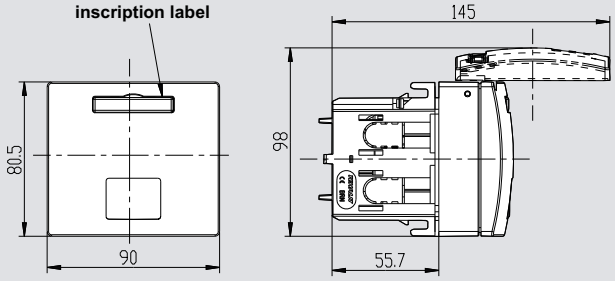
mondo panel sockets,
also suitable for cable ducts,
RAL 7035 light grey,
RAL 1013 pearl white (suffix „PW“),
RAL 9010 clear white (suffix „RW“),
IP 44 ⚠

- Only possible with cover plate 10 028 -



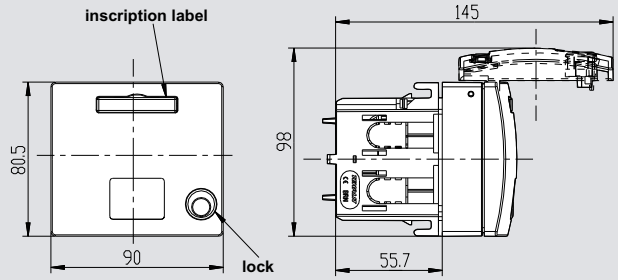
Amp.	16			32		
Poles	3	4	5	3	4	5
d	85	98	98	115	115	115
e	50,3	64,3	64,3	72	72	72
f	70	86	86	96	96	100
n	37	37	37	45,8	45,8	45,8
p	8/15	10/16,5	10/16,5	11/22	11/22	11/22

mondo angled plug,
screw terminal connection,
back shell RAL 7035 light grey,
IP 44 ⚠



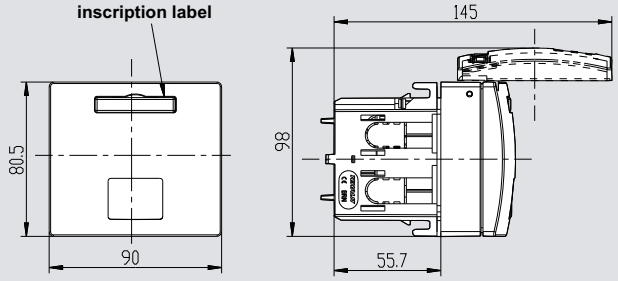
mondo sockets for cable ducts, IP 44
for TEHALIT steel sheet cable ducts,
with inscription label

Available in four colours:
• RAL 7035 light grey,
• RAL 9010 clear white (suffix „RW“),
• RAL 9001 cream white (suffix „CW“)
• lacquered aluminium (suffix „LA“)



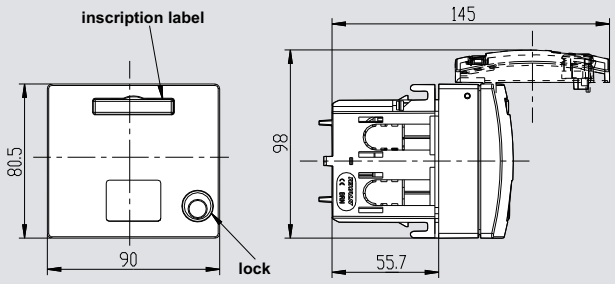
mondo sockets for cable ducts, IP 44
for TEHALIT steel sheet cable ducts,
with inscription label and lock

Available in four colours:
• RAL 7035 light grey,
• RAL 9010 clear white (suffix „RW“),
• RAL 9001 cream white (suffix „CW“)
• lacquered aluminium (suffix „LA“)



mondo sockets for cable ducts, IP 44
for TEHALIT plastic cable ducts,
with inscription label

Available in four colours:
• RAL 7035 light grey,
• RAL 9010 clear white (suffix „RW“),
• RAL 9001 cream white (suffix „CW“)
• lacquered aluminium (suffix „LA“)



mondo sockets f. cable ducts, IP 44
for TEHALIT plastic cable ducts,
with inscription label and lock

Available in four colours:
• RAL 7035 light grey,
• RAL 9010 clear white (suffix „RW“),
• RAL 9001 cream white (suffix „CW“)
• lacquered aluminium (suffix „LA“)

Ampère	Poles	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			> 50 - 500 V 100 - 300 Hz			> 50 - 500 V over 300 - 500 Hz				
		3pole 4h	4pole 4h	5pole 4h	3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	3pole 10h	4pole 10h	5pole 10h	3pole 2h	4pole 2h	5pole 2h		
		Part numbers																			
16	3	417 304			**417 306**			417 309												10	
16	3				417 306 PW															10	
16	3				417 306 RW															10	
16	3	216 304			**216 306**			216 309												10	
16	4	216 404			216 409			**216 406**			216 407			216 410			216 402			10	
16	5	216 504			216 509			**216**												10/60	
32	3	236 304			**236 306**			236 309												10	
32	4	236 404			236 409			**236 406**			236 407			236 410			236 402			10	
32	5	236 504			236 509			**236**												10	
16	3				**400 306**			**400 406**												10	
16	4							**400**												10	
16	5																			10	
16	3				**400 306 RW**			**400 406 RW**												10	
16	4							**400 RW**												10	
16	5																			10	
16	3				**400 306 CW**			**400 406 CW**												10	
16	4							**400 CW**												10	
16	5																			10	
16	3				**400 306 LA**			**400 406 LA**												10	
16	4							**400 LA**												10	
16	5																			10	
16	3				**402 306**			**402 406**												10	
16	4							**402**												10	
16	5																			10	
16	3				**402 306 RW**			**402 406 RW**												10	
16	4							**402 RW**												10	
16	5																			10	
16	3				**402 306 CW**			**402 406 CW**												10	
16	4							**402 CW**												10	
16	5																			10	
16	3				**402 306 LA**			**402 406 LA**												10	
16	4							**402 LA**												10	
16	5																			10	
16	3				**401 306**			**401 406**												10	
16	4							**401**												10	
16	5																			10	
16	3				**401 306 RW**			**401 406 RW**												10	
16	4							**401 RW**												10	
16	5																			10	
16	3				**401 306 CW**			**401 406 CW**												10	
16	4							**401 CW**												10	
16	5																			10	
16	3				**401 306 LA**			**401 406 LA**												10	
16	4							**401 LA**												10	
16	5																			10	
16	3				**403 306**			**403 406**												10	
16	4							**403**												10	
16	5																			10	
16	3				**403 306 RW**			**403 406 RW**												10	
16	4							**403 RW**												10	
16	5																			10	
16	3				**403 306 CW**			**403 406 CW**												10	
16	4							**403 CW**												10	
16	5																			10	
16	3				**403 306 LA**			**403 406 LA**												10	
16	4							**403 LA**												10	
16	5																			10	

2P+E 3P+E 3P+N+E

Also available in **pearl white** and **clear white**:
For pearl white add "**PW**" behind the part number, for clear white "**RW**"

mondo

cable duct sockets

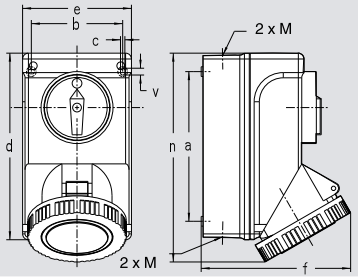
for

TEHALIT cable ducts,

series BR, BRN and BRA

Availability of blue printed (or not listed) frequencies and voltages up to 690 V **on request**!

Wall sockets with switch
- with interlocking
- without interlocking

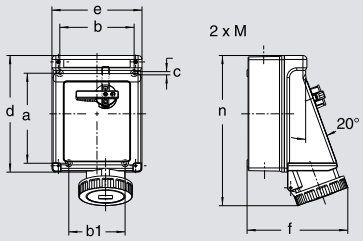


Amp.	16			32		
Poles	3	4	5	3	4	5
a	127	127	127	154	154	154
b	78	78	78	94	94	94
b1	/	/	/	/	/	/
c	4,5	4,5	4,5	4,5	4,5	4,5
d	166	166	166	193	193	193
e	97	97	97	113	113	113
f (IP 44)	116	120	125	145	145	148
f (IP 67)	120	125	132	154	154	154
n (IP 44)	185	185	185	215	215	215
n (IP 67)	185	185	185	215	215	215
v	7	7	7	7	7	7
M	20	20	20	25	25	25

Wall sockets, 3-pole,
with switch, with interlocking, IP 44
- I/O switch 2-pole

Wall sockets, 4-pole,
with switch, with interlocking, IP 44
- I/O switch 4-pole

Wall sockets, 5-pole,
with switch, with interlocking, IP 44
- I/O switch 4-pole

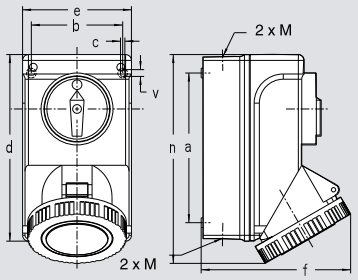


Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	183	183	183	183	183	183	183	183	183
b	151	151	151	151	151	151	151	151	151
b1	114	114	114	114	114	114	114	114	114
c	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5
d	237	237	237	237	237	237	237	237	237
e	183	183	183	183	183	183	183	183	183
f (IP 44)	182	187	184	187	187	189	196	196	196
f (IP 67)	193	194	196	201	201	201	209	209	209
n (IP 44)	268	270	273	282	282	284	302	302	302
n (IP 67)	270	272	277	285	285	289	309	309	309
v	/	/	/	/	/	/	/	/	/
M	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32

Wall sockets, 3-pole,
with switch, with interlocking, IP 44
- I/O switch 2-pole

Wall sockets, 4-pole,
with switch, with interlocking, IP 44
- I/O switch 3-pole

Wall sockets, 5-pole,
with switch, with interlocking, IP 44
- I/O switch 4-pole

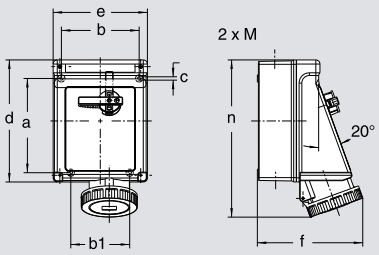


Amp.	16			32		
Poles	3	4	5	3	4	5
a	127	127	127	154	154	154
b	78	78	78	94	94	94
b1	/	/	/	/	/	/
c	4,5	4,5	4,5	4,5	4,5	4,5
d	166	166	166	193	193	193
e	97	97	97	113	113	113
f (IP 44)	116	120	125	145	145	148
f (IP 67)	120	125	132	154	154	154
n (IP 44)	185	185	185	215	215	215
n (IP 67)	185	185	185	215	215	215
v	7	7	7	7	7	7
M	20	20	20	25	25	25

Wall sockets, 3-pole,
with switch, with interlocking, IP 67
- I/O switch 2-pole

Wall sockets, 4-pole,
with switch, with interlocking, IP 67
- I/O switch 3-pole

Wall sockets, 5-pole,
with switch, with interlocking, IP 67
- I/O switch 4-pole

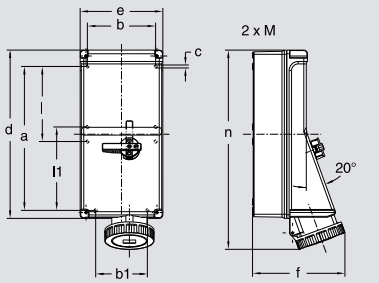


Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	183	183	183	183	183	183	183	183	183
b	151	151	151	151	151	151	151	151	151
b1	114	114	114	114	114	114	114	114	114
c	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5
d	237	237	237	237	237	237	237	237	237
e	183	183	183	183	183	183	183	183	183
f (IP 44)	182	187	184	187	187	189	196	196	196
f (IP 67)	193	194	196	201	201	201	209	209	209
n (IP 44)	268	270	273	282	282	284	302	302	302
n (IP 67)	270	272	277	285	285	289	309	309	309
v	/	/	/	/	/	/	/	/	/
M	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32

Wall sockets, 3-pole,
with switch, with interlocking, IP 67
- I/O switch 2-pole

Wall sockets, 4-pole,
with switch, with interlocking, IP 67
- I/O switch 3-pole

Wall sockets, 5-pole,
with switch, with interlocking, IP 67
- I/O switch 4-pole

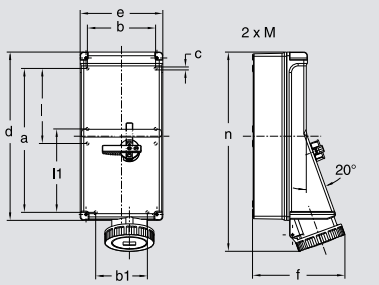


Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	316	316	316	316	316	316	316	316	316
b	151	151	151	151	151	151	151	151	151
b1	114	114	114	114	114	114	114	114	114
c	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5
d	370	370	370	370	370	370	370	370	370
e	183	183	183	183	183	183	183	183	183
f (IP44)	182	187	184	187	187	189	196	196	196
f (IP67)	193	194	196	201	201	201	209	209	209
l	165	165	165	165	165	165	165	165	165
ll	183	183	183	183	183	183	183	183	183
n (IP44)	401	404	405	415	415	417	432	432	432
n (IP67)	404	405	410	418	418	418	443	443	443
M	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32

Wall sockets, 3-pole,
with switch, with interlocking, IP 44
- I/O switch 2-pole

Wall sockets, 4-pole,
with switch, with interlocking, IP 44
- I/O switch 3-pole

Wall sockets, 5-pole,
with switch, with interlocking, IP 44
- I/O switch 4-pole



Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	316	316	316	316	316	316	316	316	316
b	151	151	151	151	151	151	151	151	151
b1	114	114	114	114	114	114	114	114	114
c	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5
d	370	370	370	370	370	370	370	370	370
e	183	183	183	183	183	183	183	183	183
f (IP44)	182	187	184	187	187	189	196	196	196
f (IP67)	193	194	196	201	201	201	209	209	209
l	165	165	165	165	165	165	165	165	165
ll	183	183	183	183	183	183	183	183	183
n (IP44)	401	404	405	415	415	417	432	432	432
n (IP67)	404	405	410	418	418	418	443	443	443
M	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32

Wall sockets, 3-pole,
with switch, with interlocking, IP 67
- I/O switch 2-pole

Wall sockets, 4-pole,
with switch, with interlocking, IP 67
- I/O switch 3-pole

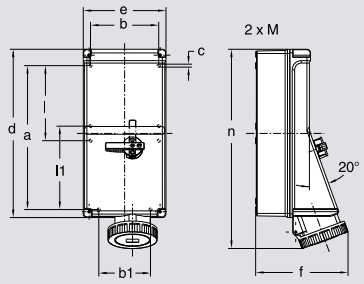
Wall sockets, 5-pole,
with switch, with interlocking, IP 67
- I/O switch 4-pole

Availability of not listed frequencies and voltages up to 690 V **on request**!

Ampère	Poles	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			
		3pole 4h	4pole 4h	5pole 4h	3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	
														3 2P+E / 4 3P+E / 5 3P+N+E
		Part numbers												
16	3	AT 110 304			**AT 110 306**			AT 110 309						
16	4	AT 110 404			AT 110 409			**AT 110 406**			AT 110 407			
16	5	AT 110 504			AT 110 509			**AT 110**						
32	3	AT 130 304			**AT 130 306**			AT 130 309						
32	4	AT 130 404			AT 130 409			**AT 130 406**			AT 130 407			
32	5	AT 130 504			AT 130 509			**AT 130**						 AT130
16	3	AE 110 304			**AE 110 306**			AE 110 309						
16	4	AE 110 404			AE 110 409			**AE 110 406**			AE 110 407			
16	5	AE 110 504			AE 110 509			**AE 110**						
32	3	AE 130 304			**AE 130 306**			AE 130 309						
32	4	AE 130 404			AE 130 409			**AE 130 406**			AE 130 407			
32	5	AE 130 504			AE 130 509			**AE 130**						
63	3	AE 160 304			**AE 160 306**			AE 160 309						
63	4	AE 160 404			AE 160 409			**AE 160 406**			AE 160 407			
63	5	AE 160 504			AE 160 509			**AE 160**						 AE130
16	3	AT 119 304			**AT 119 306**			AT 119 309						
16	4	AT 119 404			AT 119 409			**AT 119 406**			AT 119 407			
16	5	AT 119 504			AT 119 509			**AT 119**						
32	3	AT 139 304			**AT 139 306**			AT 139 309						
32	4	AT 139 404			AT 139 409			**AT 139 406**			AT 139 407			
32	5	AT 139 504			AT 139 509			**AT 139**						 AT139
16	3	AE 119 304			**AE 119 306**			AE 119 309						
16	4	AE 119 404			AE 119 409			**AE 119 406**			AE 119 407			
16	5	AE 119 504			AE 119 509			**AE 119**						
32	3	AE 139 304			**AE 139 306**			AE 139 309						
32	4	AE 139 404			AE 139 409			**AE 139 406**			AE 139 407			
32	5	AE 139 504			AE 139 509			**AE 139**						
63	3	AE 169 304			**AE 169 306**			AE 169 309						
63	4	AE 169 404			AE 169 409			**AE 169 406**			AE 169 407			
63	5	AE 169 504			AE 169 509			**AE 169**						 AE139
16	3	AJ 110 304			**AJ 110 306**			AJ 110 309						
16	4	AJ 110 404			AJ 110 409			**AJ 110 406**			AJ 110 407			
16	5	AJ 110 504			AJ 110 509			**AJ 110**						
32	3	AJ 130 304			**AJ 130 306**			AJ 130 309						
32	4	AJ 130 404			AJ 130 409			**AJ 130 406**			AJ 130 407			
32	5	AJ 130 504			AJ 130 509			**AJ 130**						
63	3	AJ 160 304			**AJ 160 306**			AJ 160 309						
63	4	AJ 160 404			AJ 160 409			**AJ 160 406**			AJ 160 407			
63	5	AJ 160 504			AJ 160 509			**AJ 160**						 AJ130
16	3	AJ 119 304			**AJ 119 306**			AJ 119 309						
16	4	AJ 119 404			AJ 119 409			**AJ 119 406**			AJ 119407			
16	5	AJ 119 504			AJ 119 509			**AJ 119**						
32	3	AJ 139 304			**AJ 139 306**			AJ 139 309						
32	4	AJ 139 404			AJ 139 409			**AJ 139 406**			AJ 139 407			
32	5	AJ 139 504			AJ 139 509			**AJ 139**						
63	3	AJ 169 304			**AJ 169 306**			AJ 169 309						
63	4	AJ 169 404			AJ 169 409			**AJ 169 406**			AJ 169 407			
63	5	AJ 169 504			AJ 169 509			**AJ 169**						 AJ139

On request: If the **neutral conductor** shall be **switched**, change the third digit of the part number from "1" to "**7**"

Wall sockets with switch
- with interlocking
- without interlocking

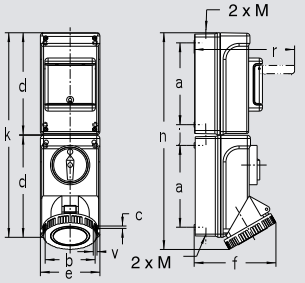


Amp.	125		
Poles	3	4	5
a	316	316	316
b	151	151	151
b1	126	126	126
c	6,5	6,5	6,5
d	370	370	370
e	183	183	183
f (IP44)	/	/	/
f (IP67)	243	243	243
l	/	/	/
ll	/	/	/
n (IP44)	/	/	/
n (IP67)	450	450	450
M	40	40	40

Wall sockets, 3-pole,
with switch, with interlocking, IP 67
- I/O switch 2-pole

Wall sockets, 4-pole,
with switch, with interlocking, IP 67
- I/O switch 3-pole

Wall sockets, 5-pole,
with switch, with interlocking, IP 67
- I/O switch 4-pole

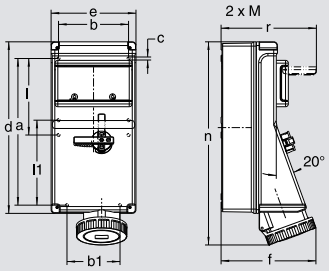


Amp.	16			32		
Poles	3	4	5	3	4	5
a	127	127	127	154	154	154
b	78	78	78	94	94	94
c	4,5	4,5	4,5	4,5	4,5	4,5
d	166	166	166	193	193	193
e	97	97	97	113	113	113
f (IP 44)	116	120	125	145	145	148
f (IP 67)	120	125	132	154	154	154
j	39	39	39	39	39	39
k	333	333	333	387	387	387
n (IP 44)	352	352	352	409	409	409
n (IP 67)	352	352	352	409	409	409
r	177	177	177	191	191	191
v	7	7	7	7	7	7
M	20	20	20	25	25	25

Wall sockets, 3-pole,
with DIN rail, with interlocking, IP 67
- I/O switch 2-pole,

Wall sockets, 4-pole,
with DIN rail, with interlocking, IP 67
- I/O switch 3-pole

Wall sockets, 5-pole,
with DIN rail, with interlocking, IP 67
- I/O switch 4-pole

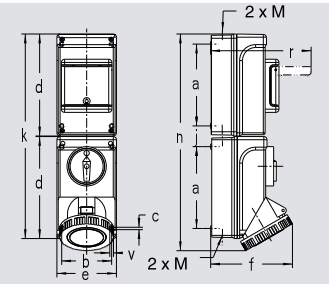


Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	316	316	316	316	316	316	316	316	316
b	151	151	151	151	151	151	151	151	151
b1	114	114	114	114	114	114	114	114	114
c	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5
d	370	370	370	370	370	370	370	370	370
e	183	183	183	183	183	183	183	183	183
f (IP 44)	182	187	184	187	187	189	196	196	196
f (IP 67)	193	194	196	201	201	201	209	209	209
l	165	165	165	165	165	165	165	165	165
ll	183	183	183	183	183	183	183	183	183
n (IP 44)	401	404	405	415	415	417	432	432	432
n (IP 67)	404	405	410	418	418	418	443	443	443
r	206	206	206	206	206	206	206	206	206
M	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32

Wall sockets, 3-pole,
with DIN rail, with interlocking, IP 67
- I/O switch 2-pole

Wall sockets, 4-pole,
with DIN rail, with interlocking, IP 67
- I/O switch 3-pole

Wall sockets, 5-pole,
with DIN rail, with interlocking, IP 67
- I/O switch 4-pole

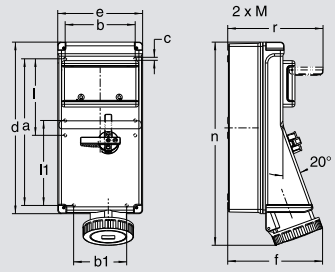


Amp.	16			32		
Poles	3	4	5	3	4	5
a	127	127	127	154	154	154
b	78	78	78	94	94	94
c	4,5	4,5	4,5	4,5	4,5	4,5
d	166	166	166	193	193	193
e	97	97	97	113	113	113
f (IP 44)	116	120	125	145	145	148
f (IP 67)	120	125	132	154	154	154
j	39	39	39	39	39	39
k	333	333	333	387	387	387
n (IP 44)	352	352	352	409	409	409
n (IP 67)	352	352	352	409	409	409
r	177	177	177	191	191	191
v	7	7	7	7	7	7
M	20	20	20	25	25	25

Wall sockets, 3-pole, interlocking, IP 44
- I/O switch 2-pole
- with MCB 1-pole 16 or 32 A »C«

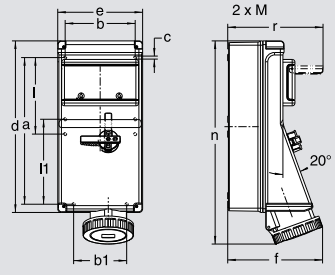
Wall sockets, 4-pole, interlocking, IP 44
- I/O switch 3-pole
- with MCB 3-pole 16 od. 32 A »C«

Wall sockets, 5-pole, interlocking, IP 44
- I/O switch 4-pole
- with MCB 3-pole 16 or 32 A



Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	316	316	316	316	316	316	316	316	316
b	151	151	151	151	151	151	151	151	151
b1	114	114	114	114	114	114	114	114	114
c	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5
d	370	370	370	370	370	370	370	370	370
e	183	183	183	183	183	183	183	183	183
f (IP 44)	182	187	184	187	187	189	196	196	196
f (IP 67)	193	194	196	201	201	201	209	209	209
l	165	165	165	165	165	165	165	165	165
ll	183	183	183	183	183	183	183	183	183
n (IP 44)	401	404	405	415	415	417	432	432	432
n (IP 67)	404	405	410	418	418	418	443	443	443
r	206	206	206	206	206	206	206	206	206
M	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32

Wall sockets, 5-pole interlocking, IP 44
- with I/O switch 4-pole,
- with MCB 3-pole 16 A, 32 A or 63 A »C«
- with RCD 4-pole 40 A/30 mA or 63 A/30 mA



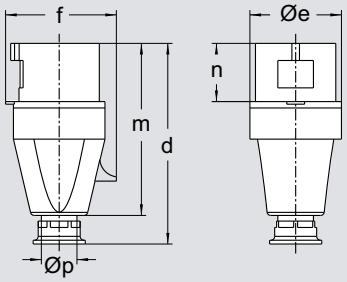
Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	316	316	316	316	316	316	316	316	316
b	151	151	151	151	151	151	151	151	151
b1	114	114	114	114	114	114	114	114	114
c	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5
d	370	370	370	370	370	370	370	370	370
e	183	183	183	183	183	183	183	183	183
f (IP 44)	182	187	184	187	187	189	196	196	196
f (IP 67)	193	194	196	201	201	201	209	209	209
l	165	165	165	165	165	165	165	165	165
ll	183	183	183	183	183	183	183	183	183
n (IP 44)	401	404	405	415	415	417	432	432	432
n (IP 67)	404	405	410	418	418	418	443	443	443
r	206	206	206	206	206	206	206	206	206
M	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32

Wall sockets, 5-pole interlocking, IP 67
- with 4-pole I/O switch,
- with MCB 3-pole 16 A, 32 A or 63 A »C«
- with RCD 4-pole 40 A/30 mA or 63 A/30 mA

Availability of not listed frequencies and voltages up to 690 V **on request**!

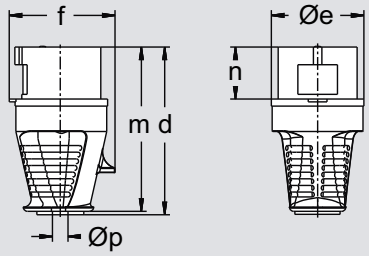
Ampère	Poles	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			
		3pole 4h	4pole 4h	5pole 4h	3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	
														3 2P+E / 4 3P+E / 5 3P+N+E
		Part numbers												
125	3	AO 179 304			**AO 179 306**			AO 179 309						 AO179
125	4	AO 179 404			AO 179 409			**AO 179 406**			AO 179 407			
125	5	AO 179 504			AO 179 509			**AO 179**						
16	3	AU 119 304 TS			**AU 119 306 TS**			AU 119 309 TS						 AU139TS
16	4	AU 119 404 TS			AU 119 409 TS			**AU 119 406 TS**			AU 119 407 TS			
16	5	AU 119 504 TS			AU 119 509 TS			**AU 119 TS**						
32	3	AU 139 304 TS			**AU 139 306 TS**			AU 139 309 TS						
32	4	AU 139 404 TS			AU 139 409 TS			**AU 139 406 TS**			AU 139 407 TS			
32	5	AU 139 504 TS			AU 139 509 TS			**AU 139 TS**						
16	3	AL 119 304 TS			**AL 119 306 TS**			AL 119 309 TS						 AL139TS
16	4	AL 119 404 TS			AL 119 409 TS			**AL 119 406 TS**			AL 119 407 TS			
16	5	AL 119 504 TS			AL 119 509 TS			**AL 119 TS**						
32	3	AL 139 304 TS			**AL 139 306 TS**			AL 139 309 TS						
32	4	AL 139 404 TS			AL 139 409 TS			**AL 139 406 TS**			AL 139 407 TS			
32	5	AL 139 504 TS			AL 139 509 TS			**AL 139 TS**						
63	3	AL 169 304 TS			**AL 169 306 TS**			AL 169 309 TS						
63	4	AL 169 404 TS			AL 169 409 TS			**AL 169 406 TS**			AL 169 407 TS			
63	5	AL 169 504 TS			AL 169 509 TS			**AL 169 TS**						
16	3	AU 110 304 UD			**AU 110 306 UD**			AU 110 309 UD						 AU130TA
16	4	AU 110 404 SA			AU 110 409 SA			**AU 110 406 SA**			AU 110 407 SA			
16	5	AU 110 504 TA			AU 110 509 TA			**AU 110 TA**						
32	3	AU 130 304 UD			**AU 130 306 UD**			AU 130 309 UD						
32	4	AU 130 404 SA			AU 130 409 SA			**AU 130 406 SA**			AU 130 407 SA			
32	5	AU 130 504 TA			AU 130 509 TA			**AU 130 TA**						
16	5	AL 110 504 TH			AL 110 509 TH			**AL 110 TH**						 AL130TA
32	5	AL 130 504 TH			AL 130 509 TH			**AL 130 TH**						
63	5	AL 160 504 TH			AL 160 509 TH			**AL 160 TH**						
16	5	AL 119 504 TH			AL 119 509 TH			**AL 119 TH**						 AL139TA
32	5	AL 139 504 TH			AL 139 509 TH			**AL 139 TH**						
63	5	AL 169 504 TH			AL 169 509 TH			**AL 169 TH**						

On request: If the **neutral conductor** shall be **switched**, change the third digit of the part number from "1" to "**7**"



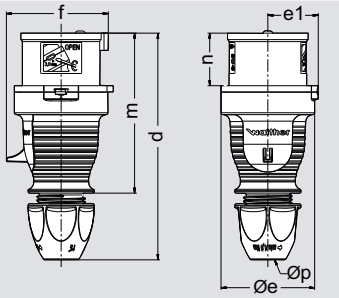
Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
d	123	131	131	155	155	155	240	240	240
Øe	51	65	65	73	73	73	81	81	81
f	60	68	75	79	79	88	97	97	97
m	118	112	112	133	133	133	192	192	192
n	37	37	37	46	46	46	67	67	67
Øp	7,5-14,5	7,5-14,5	7,5-14,5	10-19,5	10-19,5	10-19,5	18-34,5	18-34,5	18-34,5

Coupler
for light and stage engineering,
with trumpet gland,
16 - 63 A: IP 44 ⚠
125 A: IP 67 💧💧 2)



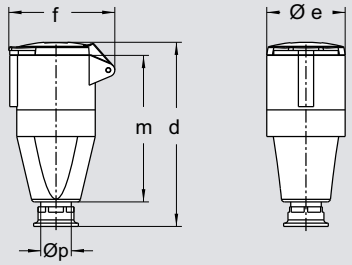
Amp.	16
Poles	5
d	111
Øe	51
f	60
m	108
Øp	8/15

Plug
for light and stage engineering,
with inverted cable entry,
IP 44 ⚠



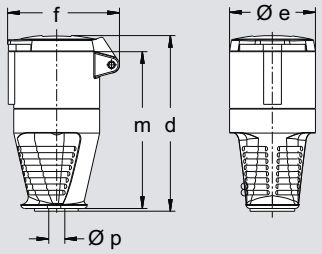
Amp.	16	32
Poles	5	5
d	150-161	174-183
Øe	65	72
e1	35	38,5
f	71	83
m	111	128
n	37	45,5
Øp	7,5-18,5	10-22,5

Plug
for light and stage engineering,
with exterior cable gland,
IP 44 ⚠



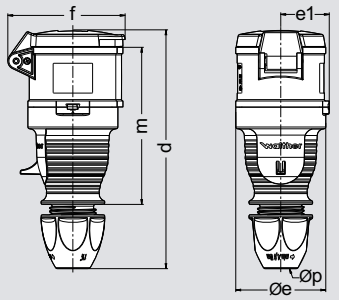
Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
d	135	151	151	171	171	171	255	255	255
Øe	51	65	65	72	72	72	96	96	96
f	68	85	85	91	91	98	114	114	114
m	110	113	113	136	136	136	194	194	194
Øp	7,5-14,5	7,5-14,5	7,5-14,5	10-19,5	10-19,5	10-19,5	18-34,5	18-34,5	18-34,5

Coupler
for light and stage engineering,
with trumpet gland,
16 - 63 A: IP 44 ⚠
125 A: IP 67 💧💧 2)



Amp.	16
Poles	5
d	121
Øe	51
f	68
m	108
Øp	8/15

Coupler
for light and stage engineering,
with inverted cable entry,
IP 44 ⚠



Amp.	16	32
Poles	5	5
d	165-176	189-199
Øe	65	72
e1	35	38,5
f	85	97
m	114	130
Øp	7,5/18,5	10-22,5

Coupler
for light and stage engineering,
with exterior cable gland,
IP 44 ⚠

1) Drawing and dimensions for 125 A, IP 67 see chapter „Plugs“, part no. 279
2) Drawing and dimensions for 125 A, IP 67 see chapter „Couplers“, part no. 379

Ampère	Poles	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			
		3pole 4h	4pole 4h	5pole 4h	3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	
		Part numbers												
16	3				**211 306 SW**				**211 406 SW**					10
16	4								**211 SW**					10
16	5													10
32	3				**231 306 SW**				**231 406 SW**					10
32	4								**231 SW**					10
32	5													10
63	3				**261 306 SW**				**261 406 SW**					5
63	4								**261 SW**					5
63	5													5
125	3				**279 306 SW**[1)]				**279 406 SW**[1)]					2
125	4													2
125	5								**279 SW**[1)]					2
16	3	215 304 SW			**215 306 SW**									10
16	5								**210 SW**					10/60
32	5								**230 SW**					10/60
16	3				**311 306 SW**				**311 406 SW**					10
16	4								**311 SW**					10
16	5													10
32	3				**331 306 SW**				**331 406 SW**					10
32	4								**331 SW**					10
32	5													10
63	3				**361 306 SW**				**361 406 SW**					5
63	4								**361 SW**					5
63	5													5
125	3				**379 306 SW**[2)]				**379 406 SW**[2)]					2
125	4								**379 SW**[2)]					2
125	5													2
16	3	315 304 SW			**315 306 SW**									10
16	5								**310 SW**					10/60
32	5								**330 SW**					10/60


231 SW


215 306 SW

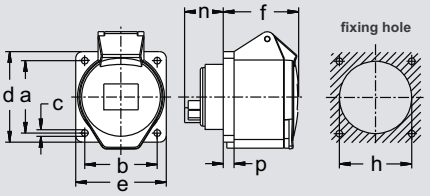

230 SW


331 306 SW


315 306 SW


330 SW

The here listed 63 A + 125 A panel sockets are also available with **pilot contact**.
To order them, simply add a „**P**“ behind the part number.



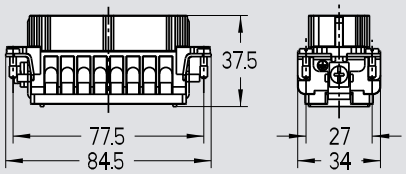
Amp.	16			32			63		
Poles	3	4	5	3	4	5	3	4	5
a	60	60	60	60	60	60	85	85	85
b	60	60	60	60	60	60	77	77	77
c	5,5	5,5	5,5	5,5	5,5	5,5	6,5	6,5	6,5
d	75	75	75	75	75	75	107	107	107
e	75	75	75	75	75	75	100	100	100
f	52	53	53	65	65	65	85	85	85
h	46	60	60	60	60	60	90	90	90
n	28	28	28	27	27	27	52	52	52
p	6	9	9	9	9	9	12	12	12

Panel sockets, straight,
for light and stage engineering,
16 - 63 A: IP 44, flange dimensions 75 x 75,
fingerproof acc. to BGV A3

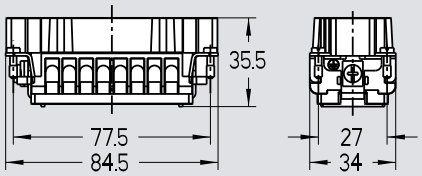
63 A: IP 44, flange dimensions 107 x 100,
fingerproof acc. to BGV A3

125 A: IP 67 [3)]

Female insert 710 116 / 710 116 01



Male insert 710 216 / 710 216 01

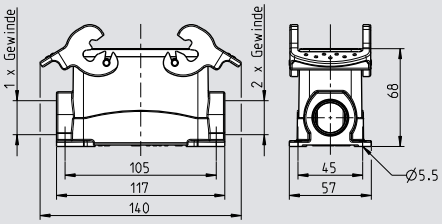


Female insert, screw terminals, wire protection**,** series B16, 0,5-2,5 mm² (20-14 AWG)

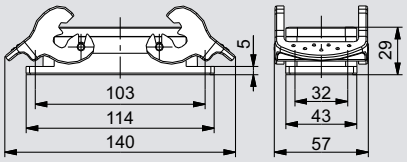
Female insert, insulation displacement connection, series B16, 0,5-2,5 mm² (20-14 AWG)

Male insert, screw terminals, wire protection, series B 16, 0,5-2,5 mm² (20-14 AWG)

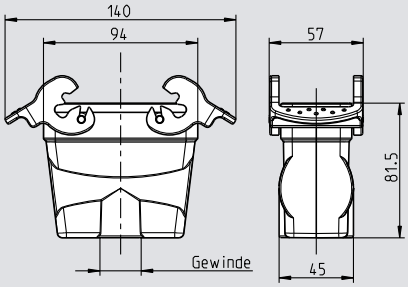
Male insert, insulation displacement connection, series B16, 0,5-2,5 mm² (20-14 AWG)



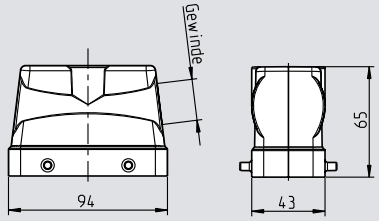
Wall mount housings
for light and stage engineering,
series B 16,
height 68 mm,
with double locking levers,
with collar,
without cable gland



Panel housing
for light and stage engineering,
series B 16,
height 29 mm,
with double locking levers,
with recess for labels (clips),
panel cut-out 86 x 35 mm



Coupler hoods
for light and stage engineering,
series B 16,
height 70,5 mm,
with double locking levers,
with collar,
without cable gland



Hoods
for light and stage engineering,
series B 16,
height 60 mm,
for double locking levers,
side cable entry,
without cable gland, 1 x M 25

3) Drawing and dimensions for 125 A, IP 67 see chapter „Panel Sockets“, part no. 479

Also available as 6, 10 and 24 pole versions

Ampère	Poles	110 V 50 a. 60 Hz	230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	Accessories	
		3pole 4h / 4pole 4h / 5pole 4h	3pole 6h / 4pole 9h / 5pole 9h	3pole 9h / 4pole 6h / 5pole 6h		
		Part numbers				
16	3	410 304 SW	**410 306 SW**	**410 406 SW**		10
16	4			**410 SW**		10
16	5					10
32	3		**430 306 SW**	**430 406 SW**		10
32	4			**430 SW**		10
32	5					10
63	3		**460 306 SW**	**460 406 SW**		5
63	4			**460 SW**		5
63	5					5
125	3		**479 306 SW**[3)]	**479 406 SW**[3)]		2
125	4			**479 SW**[3)]		2
125	5					2

16		Female, screw terminals		**710 116**		10
16		Female, IDC		**710 116 01**		10
16		Male, screw terminals		**710 216**		10
16		Male, IDC		**710 216 01**		10

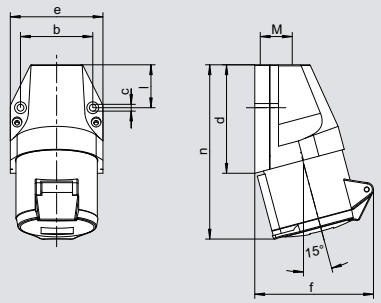
					 M 25	
16				**P711016MSSW**	**719 630**	10
					M 32	
16				**P757072MSSW**	**719 631**	10

16				**714 116 SW**		10

					 M 25	
16				**P 713 616 SW**	**719 630**	10
					M 32	
16				**P 753 772 SW**	**719 631**	10

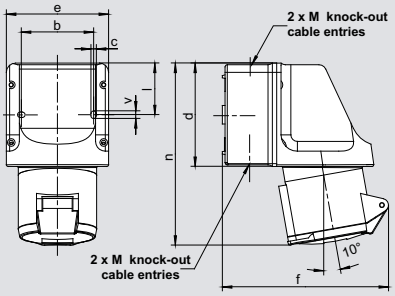
					 M 25	
16				**P 718 016 SW**	**719 630**	10
					M 32	
16				**P 728 140 SW**	**719 631**	10

The here listed 63 A + 125 A panel sockets are also available with **pilot contact**.
To order them, simply add a „**P**“ behind the part number.



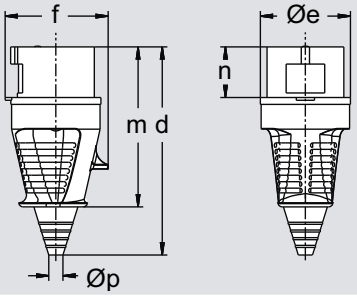
Amp.	16	32
Poles	7	7
b	60	60
c	5,3	5,3
d	80	97
e	74	82
f	90	105
l	31	45
n	129	155
M	20	25

Wall sockets,
external fixing,
1 top cable entry,
IP 44 ⚠



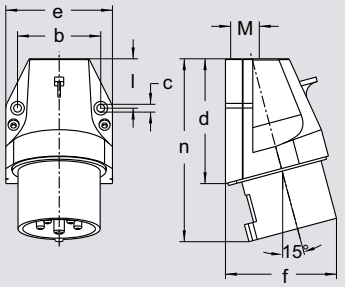
Amp.	16	32
Poles	7	7
b	66,5	66,5
c	5	5
d	96	96
e	95	95
f	146	157
l	47,5	47,5
n	164	173
v	7	7
M	20/25	20/25

Wall sockets,
internal fixing,
2 knock-out cable entries on top and bottom,
IP 44 ⚠



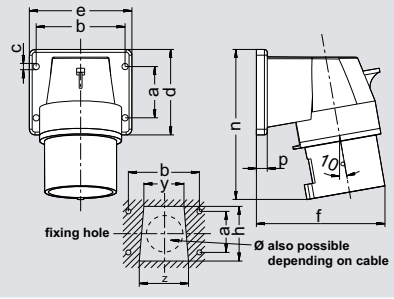
Amp.	16	32
Poles	7	7
d	153	181
Øe	65	72
f	75	88
m	117	138
n	37	46
Øp	8/21	11/24

Plugs,
flexible cable entry,
IP 44 ⚠



Amp.	16	32
Poles	7	7
b	60	60
c	5,3	5,3
d	80	97
e	74	82
f	73	86
l	31	45
n	117	141
M	20	25

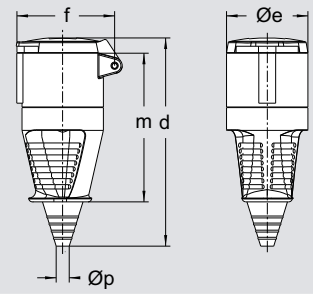
Wall mount appliance inlets,
external fixing,
1 top cable entry,
IP 44 ⚠



Amp.	16	32
Poles	7	7
a	40	45
b	68	78
c	5,5	5,5
d	66	75
e	80	90
f	92	103
h	52	60
n	110	129
p	9,5	9,5
y	38	44
z	46	54

Fixing dimensions = a + b,
Flange dimensions = d + e

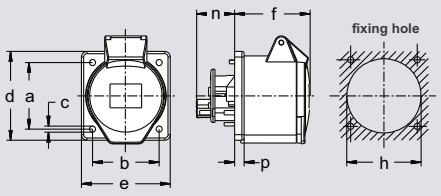
Panel mount appliance inlets, angled,
screwed flange enclosure,
IP 44 ⚠



Amp.	16	32
Poles	7	7
d	167	196
Øe	65	72
f	85	98
m	119	141
Øp	8/21	11/24

Couplers,
flexible cable entry,
IP 44 ⚠

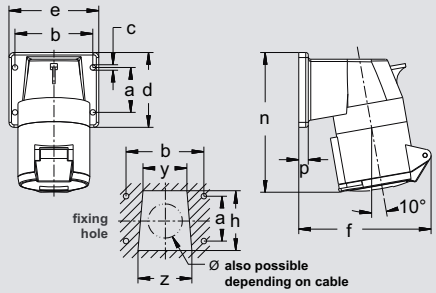
Ampère	Poles	230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz				6 P + E
		3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h		
		Part numbers										
16	7	**110 709**			**110 706**			**110 707**			10	 130706
32	7	**130 709**			**130 706**			**130 707**			10	
16	7	**111 709**			**111 706**			**111 707**			5	 131706
32	7	**131 709**			**131 706**			**131 707**			5	
16	7	**210 709**			**210 706**			**210 707**			10	 230706
32	7	**230 709**			**230 706**			**230 707**			10	
16	7	**610 709**			**610 706**			**610 707**			10	 630706
32	7	**630 709**			**630 706**			**630 707**			10	
16	7	**611 709**			**611 706**			**611 707**			10	 631706
32	7	**631 709**			**631 706**			**631 707**			10	
16	7	**310 709**			**310 706**			**310 707**			10	 330706
32	7	**330 709**			**330 706**			**330 707**			10	



Amp.	16	32
Poles	7	7
a	60	60
b	60	60
c	5,5	5,5
d	80	80
e	80	80
f	60	60
h	67	71
n	23,5	23,5
p	8,5	8,5

Fixing dimensions = a + b,
Flange dimensions = d + e

Panel sockets, straight,
screwed flange,
flange dimensions 80 x 80,
IP 44 ⚠



Amp.	16	32
Poles	7	7
a	40	45
b	68	78
c	5,5	5,5
d	66	75
e	80	90
f	110	124
h	52	60
n	122	142
p	9,5	9,5
y	38	44
z	46	54

Fixing dimensions = a + b,
Flange dimensions = d + e

Panel sockets, angled,
screwed flange enclosure,
IP 44 ⚠

7-pole plugs & sockets

Ampère	Poles	230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			
		3pole 6h	4pole 9h	5pole 9h	3pole 9h	4pole 6h	5pole 6h	3pole 7h	4pole 7h	5pole 7h	
		Part numbers									
16	7	**411 709**			**411 706**			**411 707**			10
32	7	**431 709**			**431 706**			**431 707**			10
16	7	**514 709**			**514 706**			**514 707**			10
32	7	**534 709**			**534 706**			**534 707**			10

6 P + E

7-pole plugs and sockets

always come with nickel-plated contacts - **for protection against oxidation.**

If an electrical drive is operated via a plug and socket device, e.g. star-delta starting, Dalander connection or conveyor belt systems, then 7-pole plugs and sockets have to be used.

9

Cable type: H07RN-F 5G2,5 with plug / coupler 5 x 16A

Cable type: H07RN-F 5G6 with plug / coupler 5 x 32A

Ampère	16 A		32 A	
Part no.	IP 44 ⚠	IP 67 💧💧	IP 44 ⚠	IP 67 💧💧
5 m	39 1 005 02 050	39 1 005 02 050 067	39 3 005 06 050	39 3 005 06 050 067
10 m	39 1 005 02 100	39 1 005 02 100 067	39 3 005 06 100	39 3 005 06 100 067
20 m	39 1 005 02 200	39 1 005 02 200 067	39 3 005 06 200	39 3 005 06 200 067
25 m	39 1 005 02 250	39 1 005 02 250 067	39 3 005 06 250	39 3 005 06 250 067

picture similar

Cable type: H07RN-F 5G2,5 with plug / coupler 5 x 63A

picture similar

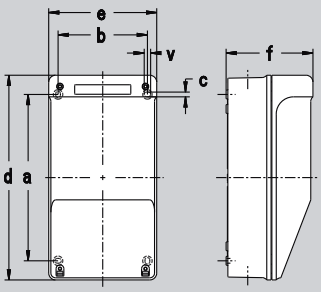
Cable type: H07RN-F 5G6 with plug / coupler 5 x 125A

Ampère	63 A		125 A	
Part no.	IP 44 ⚠	IP 67 💧💧	IP 67 💧💧	
5 m	39 6 005 16 050	39 6 005 16 050 067	39 7 005 35 050	
10 m	39 6 005 16 100	39 6 005 16 100 067	39 7 005 35 100	
20 m	39 6 005 16 200	39 6 005 16 200 067	39 7 005 35 200	
25 m	39 6 005 16 250	39 6 005 16 250 067	39 7 005 35 250	

Plastic socket combinations, wall mount, enclosures 657/658/659

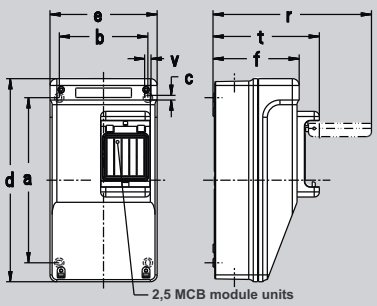
Cable entry 2 x on top and bottom M 20/25, knock-out

657



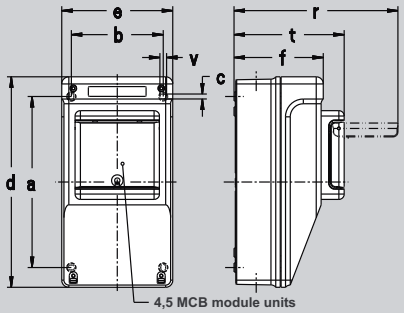
a	b	c	d	e	f	v	M
192	103	5,5	237	125	100,5	7,5	20/25

658



a	b	c	d	e	f	r	t	v	M
192	103	5,5	237	125	100,5	185	124	7,5	20/25

659



a	b	c	d	e	f	r	t	v	M
192	103	5,5	237	125	100,5	185	124	7,5	20/25

10

Plastic enclosure, wall mount, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	IP degree IP 44	IP 67
657 01 05				1		2				●	
658 01 05				1		1		1 x B16/1-pole		●	
659 00 01						2		2 x B16/1-pole	2/25/0,03 A	●	
659 00 06						2		2 x C16/1-pole	2/25/0,03 A	●	


657 01 06 X7


658 11 03

stock item


659 11 05 X7


659 01 05


659 01 04


659 01 07

Plastic enclosure, wall mount, wired ready for connection

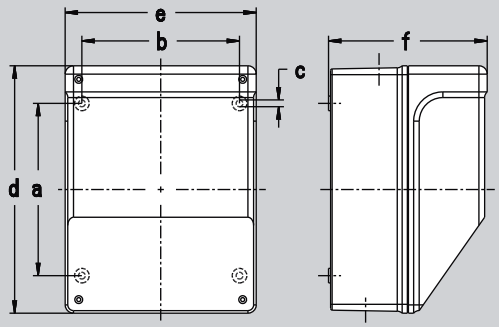
Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	IP degree IP 44	IP 67
657 01 06 X7				1		1					●
658 11 03			1			1		1 x B16/1-pole		●	
659 11 05 X7			1						4/40/0,03 A		●
659 01 05				1				1 x C16/3-pole		●	
659 01 04				1					4/40/0,03 A	●	
659 01 07				1					RCBO 4/16/0,03 A C	●	

Other socket combination versions acc. to your requirements available on request

Plastic socket combinations, wall mount, enclosures 691/692

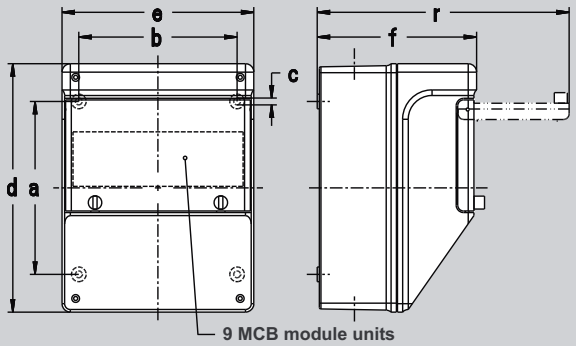
Cable entry 2 x on top and bottom M 25 / M 32 / M 40, knock-out

691



a	b	c	d	e	f	M
165	151	6,5	237	183	152	25/32/40

692



a	b	c	d	e	f	r	M
165	151	6,5	237	183	152	241	25/32/40

Plastic enclosure, wall mount, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	IP degree IP 44	IP 67
691 00 04						6				●	
691 02 01				2		2				●	
691 30 01			1	1		3				●	

10

Plastic enclosure, wall mount, wired ready for connection

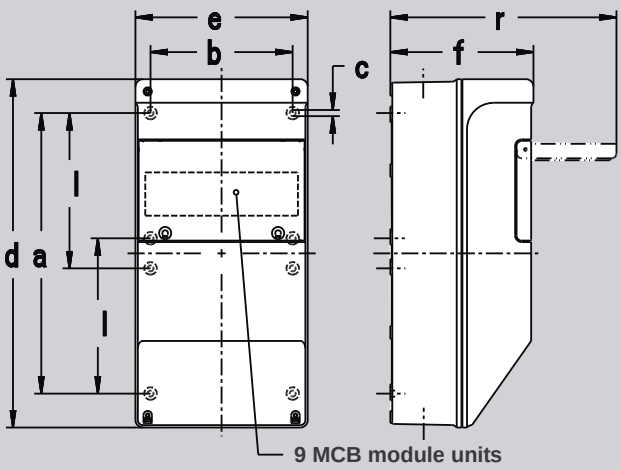
Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	IP degree IP 44	IP 67
692 01 32				1		1		1 x C16/3-pole 1 x B16/1-pole	4/40/0,03 A	●	
692 01 08				1		2		1 x C16/3-pole 2 x B16/1-pole		●	
692 01 30				1		2		1 x C16/3-pole 2 x B16/1-pole	4/40/0,03 A	●	
692 01 17				1		2		1 x C16/3-pole 2 x C16/1-pole	4/40/0,03 A	●	
692 02 07				2				2 x C16/3-pole	4/40/0,03 A	●	
692 11 17			1			1		1 x C32/3-pole 1 x C16/1-pole	4/40/0,03 A	●	
692 12 02			2					2 x C32/3-pole		●	

Other socket combination versions acc. to your requirements available on request

Plastic socket combinations, wall mount, enclosure 698

Cable entry 2 x on top and bottom M 25 / M 32 / M 40, knock-out

698



a	b	c	d	e	f	l	r	M
298	151	6,5	370	183	152	165	240	25/32/40

10

Plastic enclosure, wall mount, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block K25	IP degree IP 44	IP 67
698 00 03						6		6 x C16/1-pole	4/40/0,03 A	10-pole	●	
698 01 07				1		3		1 x C16/3-pole 3 x B16/1-pole	4/40/0,03 A	10-pole	●	
698 02 02				2		3		2 x C16/3-pole 3 x B16/1-pole		10-pole	●	
698 11 01			1			4		1 x C32/3-pole 2 x B16/1-pole	4/40/0,03 A	10-pole	●	

Plastic enclosure, wall mount, wired ready for connection

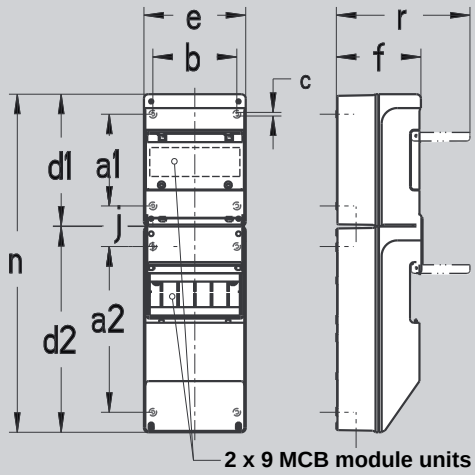
Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block K25	IP degree IP 44	IP 67
698 12 03			2			3		2 x C32/3-pole 3 x B16/1-pole		10-pole	●	
698 30 03			1	1		2		1 x C32/3-pole 1 x C16/3-pole 2 x B16/1-pole		10-pole	●	
698 30 11			1	1		2		1 x C16/3-pole 2 x B16/1-pole	4/40/0,03 A	10-pole	●	
698 30 01			1	1		3		1 x C32/3-pole 1 x C16/3-pole 3 x C16/1-pole		10-pole	●	
698 30 17			1	1		3		1 x C16/3-pole 3 x C16/1-pole	4/40/0,03 A	10-pole	●	
698 21 11		1						1 x C63/3-pole	4/63/0,03 A	10-pole	●	

Other socket combination versions acc. to your requirements available on request

Plastic socket combinations, wall mount, enclosure 699

Cable entry 2 x on top and bottom M 25 / M 32 / M 40, knock-out

699



a 1	a 2	b	c	d 1	d 2	e	f	j	n	r	M
165	298	151	6,5	237	370	183	152	73	608	241	25/32/40

10

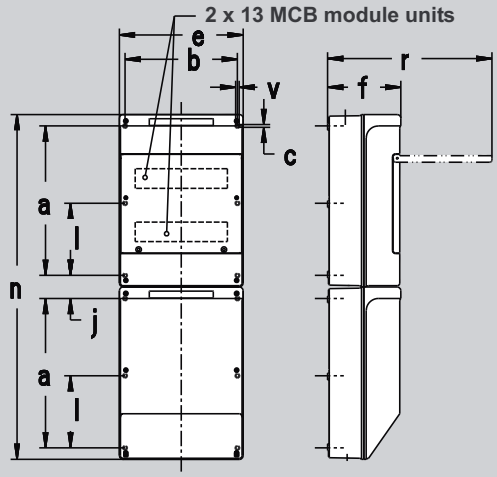
Plastic enclosure, wall mount, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block K25	IP degree IP 44	IP 67
699 03 01				3		2		3 x C16/3-pole 2 x B16/1-pole	4/63/0,03 A	10-pole	●	
699 12 03			2			3		2 x C32/3-pole 3 x C16/1-pole	4/63/0,03 A	10-pole	●	
699 30 09			1	1		2		1 x C32/3-pole 1 x C16/3-pole 2 x B16/1-pole	4/40/0,03 A	10-pole	●	
699 31 02			1	2		2		1 x C32/3-pole 2 x C16/3-pole 2 x B16/1-pole	4/63/0,03 A	10-pole	●	

Plastic socket combinations, wall mount, enclosure 685

Cable entry 3 x on top and bottom M 40 / M 50, knock-out

685



a	b	c	e	f	j	l	n	r	v	M
350	263	6,5	290	171,5	55	169	809	385	8	40/50

Plastic enclosure, wall mount, wired ready for connection

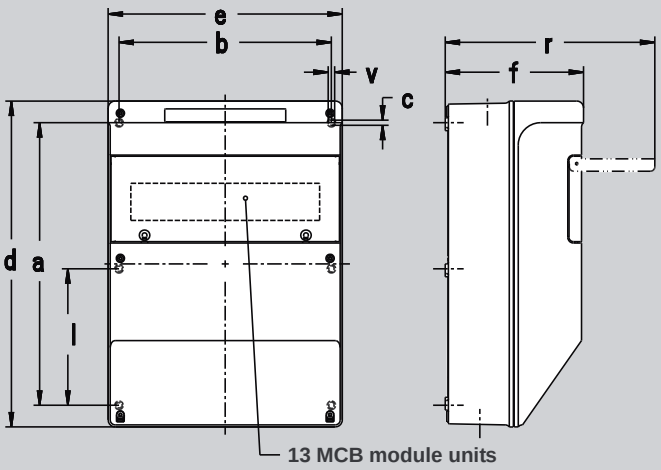
Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block	IP degree IP 44	IP 67
685 34 01			3	3		3		3 x C32/3-pole 3 x C16/3-pole 3 x B16/1-pole	4/40/0,03 A *only for Schuko*	K 35 5-pole	●	
685 44 01		1	1	1		3		1 x C63/3-pole 1 x C32/3-pole 1 x C16/3-pole 3 x B16/1-pole	2 x 4/63/0,03 A 1 x main switch 3/125 A	K 35 5-pole	●	
685 47 01		1	2	2		3		1 x C63/3-pole 2 x C32/3-pole 2 x C16/3-pole 3 x B16/1-pole	4/40/0,03 A *only for Schuko*	K 35 5-pole	●	
685 91 AC	1	1	1	1		4		1 x C63/3-pole 1 x C32/3-pole 1 x C16/3-pole 4 x B16/1-pole	4/125/0,03 A	K 50 5-pole	●	

Other socket combination versions acc. to your requirements available on request

Plastic socket combinations, wall mount, enclosure 682

Cable entry 3 x on top and bottom M 40 / M 50, knock-out

682



a	b	c	d	e	f	l	r	v	M
350	263	6,5	404	290	171,5	169	260	8	40/50


682 02 02X7


682 03 01


682 12 06


682 30 02

Plastic enclosure, wall mount, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block K25	IP degree IP 44	IP 67
682 02 02 X7				2		3		2 x C16/3-pole 3 x C16/1-pole	4/63/0,03 A	10-pole		●
682 03 01				3		4		3 x C16/3-pole 4 x B16/1-pole		10-pole	●	
682 12 06			2			3		2 x C32/3-pole 3 x B16/1-pole	4/63/0,03 A	10-pole	●	
682 30 02			1	1		3		1 x C32/3-pole 1 x C16/3-pole 3 x B16/1-pole	4/63/0,03 A	10-pole		●


682 30 08


682 30 01 stock item


682 33 01


682 44 02 stock item


682 44 03 X7


682 44 17

Plastic enclosure, wall mount, wired ready for connection

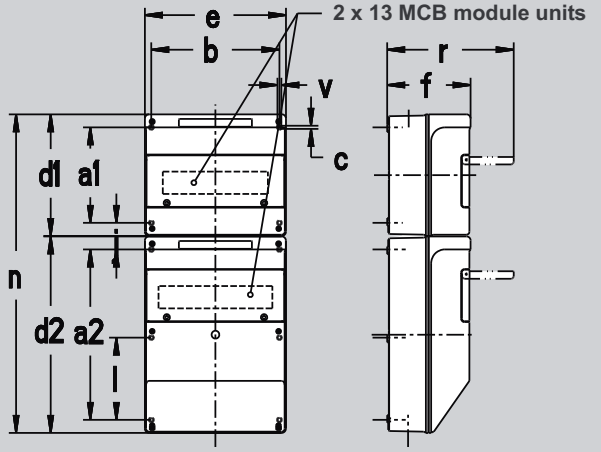
Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block K25	IP degree IP 44	IP 67
682 30 08			1	1		3		1 x C32/3-pole 1 x C16/3-pole 3 x B16/1-pole	4/40/0,03 A	10-pole	●	
682 30 01			1	1		4		1 x C32/3-pole 1 x C16/3-pole 4 x B16/1-pole	4/40/0,03 A	10-pole	●	
682 33 01			2	2		2		2 x C32/3-pole 2 x C16/3-pole 1 x B16/1-pole		10-pole	●	
682 44 02		1	1	1		2		1 x C32/3-pole 1 x C16/3-pole 2 x B16/1-pole	4/63/0,03 A	10-pole	●	
682 44 03 X7		1	1	1		2		1 x C32/3-pole 1 x C16/3-pole 2 x C16/1-pole	4/63/0,03 A	10-pole		●
682 44 17		1	1	1		3		1 x C32/3-pole 1 x C16/3-pole 3 x B16/1-pole	4/63/0,03 A	10-pole	●	

Other socket combination versions acc. to your requirements available on request

Plastic socket combinations, wall mount, enclosure 689

Cable entry 3 x on top and bottom M 40 / M 50, knock-out

689



a 1	a 2	b	c	d 1	d 2	e	f	j	n	r	l	v	M
196	350	263	6,5	250	404	290	171,5	55	655	260	169	8	40/50

10

Plastic enclosure, wall mount, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block K25	IP degree IP 44	IP 67
689 03 01				3		4		3 x C16/3-pole 4 x B16/1-pole	4/63/0,03 A	10-pole	●	
689 04 01				4		2		4 x C16/3-pole 2 x B16/1-pole	4/63/0,03 A	10-pole	●	
689 30 06			1	1		6		1 x C32/3-pole 1 x C16/3-pole 6 x C16/1-pole	4/63/0,03 A	10-pole	●	
689 31 02			1	2		4		1 x C32/3-pole 2 x C16/3-pole 4 x B16/1-pole	4/63/0,03 A	10-pole	●	

Plastic enclosure, wall mount, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block K 25	IP degree IP 44	IP 67
689 32 01			2	1		4		2 x C32/3-pole 1 x C16/3-pole 4 x B16/1-pole	4/63/0,03 A	10-pole	●	
689 33 01			2	2		2		2 x C32/3-pole 2 x C16/3-pole 2 x B16/1-pole	4/63/0,03 A	10-pole	●	
689 34 01			2	3		2		2 x C32/3-pole 3 x C16/3-pole 2 x B16/1-pole	4/63/0,03 A	10-pole	●	
689 35 01			1	1	1	3	1 x D02/3-pole 1 x D01/3-pole 4 x D01/1-pole		4/63/0,03 A	10-pole	●	
689 44 05		1	1	1		2	2 x D02/3-pole 1 x D01/3-pole 2 x D01/1-pole		4/63/0,03 A	10-pole	●	
689 44 09		1	1	1		2	1 x D02/3-pole	1 x C32/3-pole 1 x C16/3-pole 2 x B16/1-pole	4/63/0,03 A	10-pole	●	

Other socket combination versions acc. to your requirements available on request

PBT plastic socket combinations, chemical resistant

For areas where chemicals and aggressive media are used, the use of enclosures made of PBT plastic is recommended.

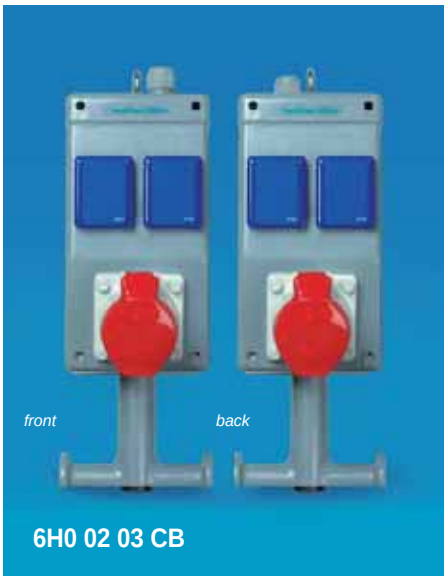

657 01 06 X7 CB


692 01 30 CB


698 30 11 CB


682 30 06 CB


682 30 06 X7 CB



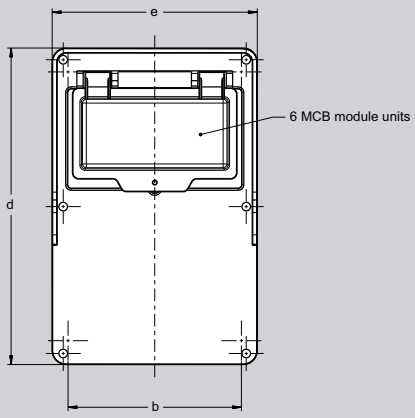
6H0 02 03 CB

PBT plastic enclosure, chemical resistant, wired ready for use. Further enclosure sizes on request.

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block	IP degree IP 44	IP 67
657 01 06 X7CB				1		1				K 6 5-pole		●
692 01 30 CB				1		2		1 x C16/3-pole 2 x B16/1-pole	4/40/0,03 A	K 25 5-pole	●	
698 30 11 CB			1	1		2		1 x C16/3-pole 2 x B16/1-pole	4/40/0,03 A	K 25 10-pole	●	
682 30 06 CB			1	1		2		1 x C32/3-pole 1 x C16/3-pole 2 x B16/1-pole	4/40/0,03 A	K 25 10-pole	●	
682 30 06 X7 CB			1	1		2		1 x C32/3-pole 1 x C16/3-pole 2 x B16/1-pole	4/40/0,03 A	K 25 10-pole		●
6H0 02 03 CB				2		4				K 6 5-pole	●	

Solid rubber socket combinations, wall-mount, enclosure 644

644



a	b	d	e	f	r	t
212,5	137	250	162	95	206	156


644 11 L0


644 00 02


644 01 04


644 11 01

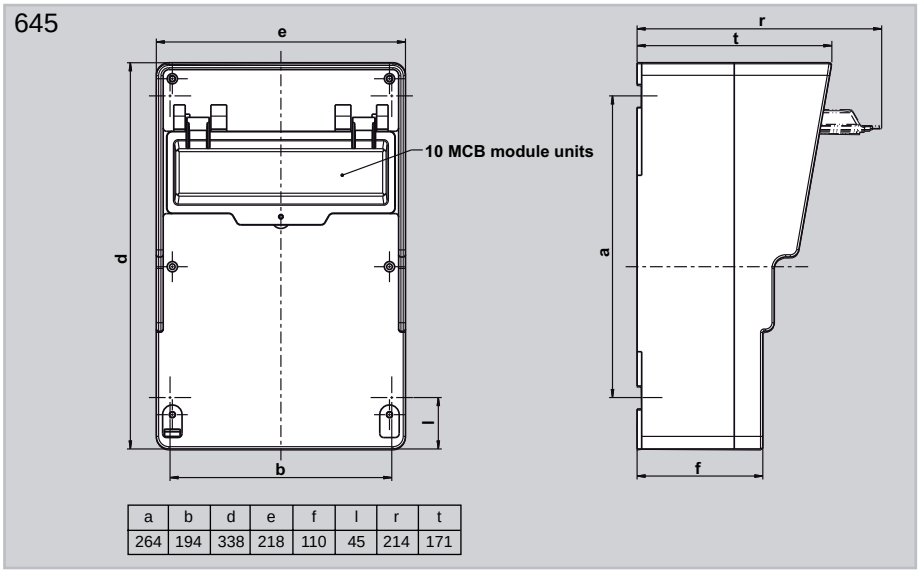
10

Plastic enclosure, wall mount, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block	IP degree IP 44	IP 67
644 11 L0			1								●	
644 00 02						2		2 x C16/1-pole	2/25/0,03 A	5-pole K 16	●	
644 01 04				1				1 x C16/3-pole	4/40/0,03 A	5-pole K 25	●	
644 11 01			1						4/40/0,03 A	5-pole K 16	●	

Other socket combination versions acc. to your requirements available on request

Solid rubber socket combinations, wall mount, enclosure 645



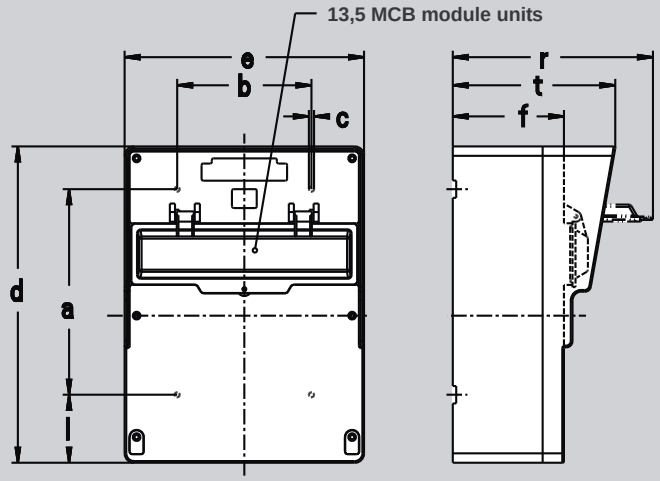
a	b	d	e	f	l	r	t
264	194	338	218	110	45	214	171

Solid rubber enclosure, wall mount, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block K25	IP degree IP 44	IP 67
645 01 L2				1		2						
645 00 01						6		6 x B16/1-pole	4/40/0,03 A	5-pole	●	
645 01 01				1		2		1 x C16/3-pole 2 x B16/1-pole	4/40/0,03 A	5-pole	●	
645 11 01			1			2		1 x C32/3-pole 2 x B16/1-pole	4/40/0,03 A	5-pole	●	

Solid rubber socket combinations, wall-mount, enclosure 646

646



a	b	c	d	e	f	l	r	t
240,5	157	6	370	280	130	79,5	235	190


646 02 05


646 30 03


646 30 01


646 12 01

10

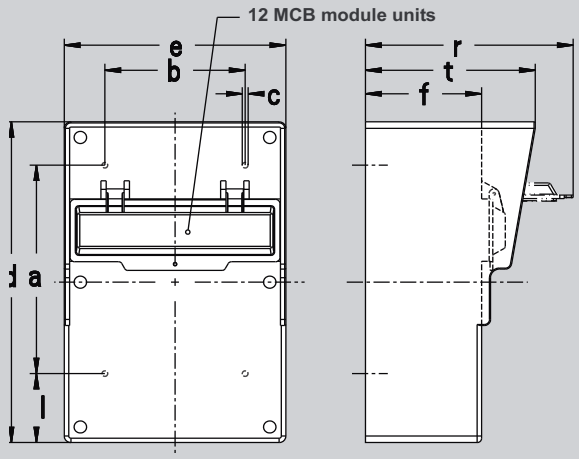
Solid rubber enclosure, wall mount, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block K25	IP degree IP 44	IP 67
646 02 05				2		3		2 x C16/3-pole 3 x B16/1-pole	4/40/0,03 A	10-pole	●	
646 30 03			1	1		3	1 x D02/3-pole 1 x D01/3-pole 3 x D01/1-pole			10-pole	●	
646 30 01			1	1		3		1 x C32/3-pole 1 x C16/3-pole 3 x B16/1-pole	4/63/0,03 A	10-pole	●	
646 12 01			2			3		2 x C32/3-pole 3 x C16/1-pole	4/63/0,03 A	10-pole	●	

Other socket combination versions acc. to your requirements available on request

Solid rubber socket combinations, wall mount, enclosure 647

647



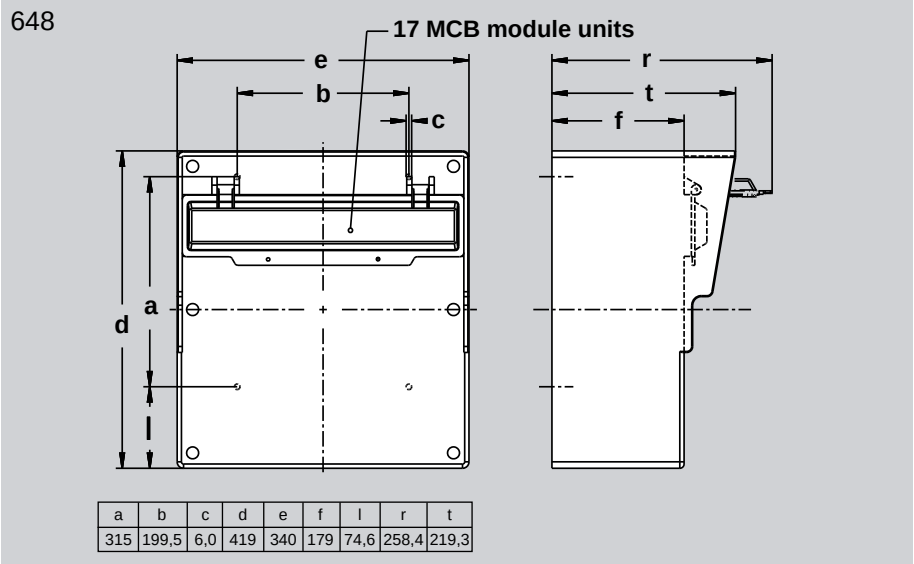
a	b	c	d	e	f	l	r	t
240,5	157	6,5	370	248	130	79,5	235	190

10

Solid rubber enclosure, wall mount, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block K25	IP degree IP 44	IP 67
647 02 01				2		3		2 x C16/3-pole 3 x B16/1-pole	4/40/0,03 A	10-pole	●	
647 30 02			1	1		3		1 x C32/3-pole 1 x C16/3-pole 3 x B16/1-pole	4/40/0,03 A	10-pole	●	
647 30 AL			1	1		3	1 x D01/3-pole 3 x D01/1-pole		4/40/0,03 A	10-pole	●	
647 21 01		1				2	1 x D02/3-pole 2 x D01/1-pole		4/63/0,03 A	10-pole	●	

Solid rubber socket combinations, wall-mount, enclosure 648



a	b	c	d	e	f	l	r	t
315	199,5	6,0	419	340	179	74,6	258,4	219,3

10

Solid rubber enclosure, wall mount, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Protection Neozed	MCB	RCD	Terminal block K25	IP degree IP 44	IP 67
648 31 04			1	2		4		1 x C32/3-pole 2 x C16/3-pole 4 x B16/1-pole	4/63/0,03 A	10-pole	●	
648 33 03			2	2		4		2 x C32/3-pole 2 x C16/3-pole 4 x B16/1-pole		10-pole	●	
648 33 04			2	2		4		1 x C32/3-pole 1 x C16/3-pole 4 x B16/1-pole	4/63/0,03 A	10-pole	●	
648 44 AE		1	1	1		2	1 x D02/3-pole	1 x C32/3-pole 1 x C16/3-pole 2 x B16/1-pole	4/63/0,03 A	10-pole	●	

Other socket combination versions acc. to your requirements available on request

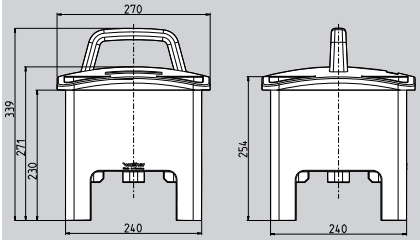
Plastic socket combinations with handle

Portable plastic distributors

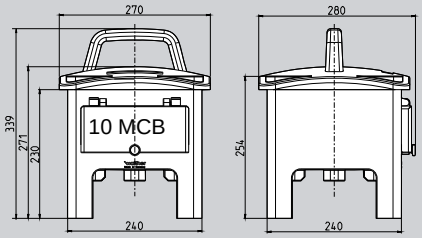
Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Supply 2 m supply line	Protection MCB	RCD	P degree IP 44	IP 67
692 00 07						4	H07RN-F5G6 CEE-plug 32 A	4 x B16/1-pole	4/40/0,03 A	●	
692 01 66				1		2	H07RN-F5G6 CEE-plug 32 A	1 x C16/1-pole 2 x B16/1-pole	4/40/0,03 A	●	
692 02 08				2			H07RN-F5G6 CEE-plug 32 A	2 x C16/3-pole	4/40/0,03 A	●	
698 00 04						6	H07RN-F5G6 CEE-plug 32 A	6 x B16/1-pole	4/40/0,03 A	●	
698 30 13			1	1		3	H07RN-F5G6 CEE-plug 32 A	1 x C16/3-pole 3 x B16/1-pole	4/40/0,03 A	●	
682 02 21				2		4	H07RN-F5G6 CEE-plug 32 A	2 x C16/3-pole 4 x B16/1-pole	4/40/0,03 A	●	
additionally foldable rack **600 KG 01** for 698 and 682 enclosure series											

Solid rubber socket combinations, portable, stackable enclosures 643 / 649 / 649/2

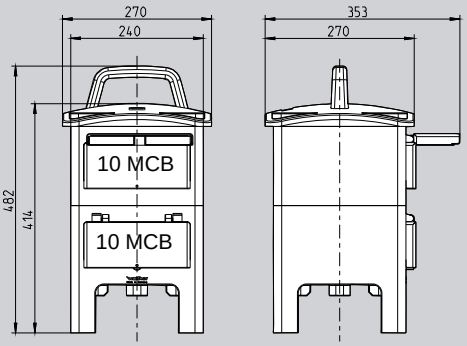
643



649



649/2




643 02 09 A


643 02 03 A


649 00 19 A

Portable solid rubber distributors

Schuko sockets IP 54 acc. to DIN VDE 0620-1

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	Schuko 16 A	Supply 2 m supply line	Panel mount appliance inlet	Protection MCB	RCD	IP degree IP 44	IP 67
643 02 09 A				2	4		16 A			●	
643 02 03 A				2	4	H07RN-F5G2,5 CEE-plug 16 A				●	
649 00 19 A					6		16 A		4/40/0,03 A	●	

Other socket combination versions acc. to your requirements available on request

Solid rubber socket combinations, portable, enclosure 649


649 00 16 A


649 00 06 A


649 00 01 A


649 02 10 A


649 02 09 A


649 02 03 A

Portable solid rubber distributors **Schuko sockets IP 54 acc. to DIN VDE 0620-1**

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	Schuko 16 A	Supply 2 m supply line	Panel mount appliance inlet	Protection MCB	RCD	IP degree IP 44	IP 67
649 00 16 A					6	H07RN-F5G 2,5 CEE-plug 16 A			4/40/0,03 A	●	
649 00 06 A					8		16 A		4/40/0,03 A	●	
649 00 01 A					8	H07RN-F5G 2,5 CEE-plug 16 A			4/40/0,03 A	●	
649 02 10 A				2	4		16 A		4/40/0,03 A	●	
649 02 09 A				2	4	H07RN-F5G 2,5 CEE-plug 16 A			4/40/0,03 A	●	
649 02 03 A				2	4		32 A	1 x C16/3-pole 2 x B16/1-pole	4/40/0,03 A	●	

Solid rubber socket combinations, portable, enclosure 649 / 649/2


649 30 16 A


649 31 09 A


649 33 15 A


649 33 03 A


649 33 04 B


649 54 03 A

10

Portable solid rubber distributors **Schuko sockets IP 54 acc. to DIN VDE 0620-1**

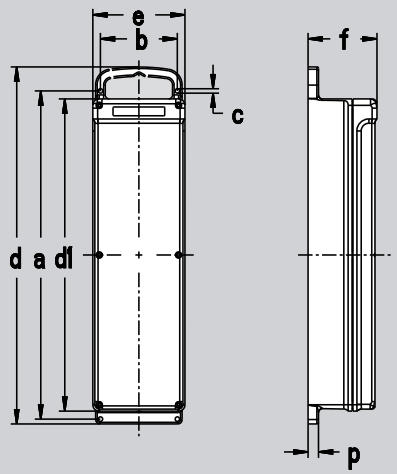
Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	Schuko 16 A	Supply 2 m supply line	Panel mount appliance inlet	Protection MCB	RCD	IP degree IP 44	IP 67
649 30 16 A			1	1	3		32 A	1 x C16/3-pole 3 x B16/1-pole	4/40/0,03 A	●	
649 31 09 A			1	2	4	H07RN-F5G 6 CEE-plug 32 A		1 x C16/3-pole 2 x C16/1-pole	4/40/0,03 A	●	
649 33 15 A			2	2	2	H07RN-F5G 6 CEE-plug 32 A		2 x C16/3-pole 1 x B16/1-pole	4/40/0,03 A	●	
649 33 03 A			2	2	8		63 A	2 x C32/3-pole 2 x C16/3-pole 4 x B16/1-pole	4/63/0,03 A	●	
649 33 04 B			2	2	8	H07RN-F5G 16 CEE-plug 63 A		2 x C32/3-pole 2 x C16/3-pole 4 x B16/1-pole	4/63/0,03 A	●	
649 54 03 A		1	2	2	4		63 A	2 x C32/3-pole 2 x C16/3-pole 4 x B16/1-pole	4/63/0,03 A	●	

Other socket combination versions acc. to your requirements available on request

Power strips, plastic, with handle, enclosure 650/651

Cable entry 1 x M 20 / M 25, knock-out

650



a	b	c	d	d1	e	f	p
410	96	5,5	446	390	115	86	13


650 00 03


650 03 01


651 00 01


651 01 01

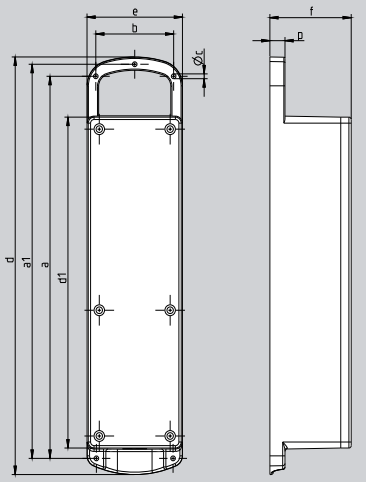
10

Power strips, plastic

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Supply 2 m supply line	Protection MCB	RCD	Terminal block K 6	IP degree IP 44	IP 67
650 00 03						6				5-pole	●	
650 03 01				3		2				5-pole	●	
651 00 01						4			4/40/0,03 A	5-pole	●	
651 01 01				1		3			4/40/0,03 A	5-pole	●	

Power strips, solid rubber, with handle, enclosure 640

640



a	b	c	d	d1	e	f	p
310	80	6,5	323	290	95	72	7,5

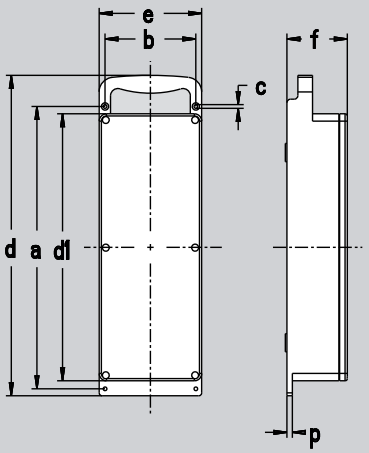
Power strips, solid rubber **Schuko sockets IP 54 acc. to DIN VDE 0620-1**

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Supply 2 m supply line	Protection MCB	RCD	IP degree IP 44	IP 67
640 00 10 A						4	H07RN-F3G 2,5 Schuko-plug			●	
640 00 04 A						3	H07RN-F3G 2,5 Schuko-plug		2/25/0,03 A	●	
640 00 11 A						4	H07RN-F3G 2,5 Schuko-plug	PRCD - S 3-pole 16/0,03 A		●	
640 01 01 A				1		2	H07RN-F5G 2,5 CEE-plug 16 A			●	

Other socket combination versions acc. to your requirements available on request

Power strips, solid rubber, with handle, enclosure 641

641



a	b	c	d	d1	e	f	p
418,3	135,6	5,7	462	398	150,4	90,5	16,5

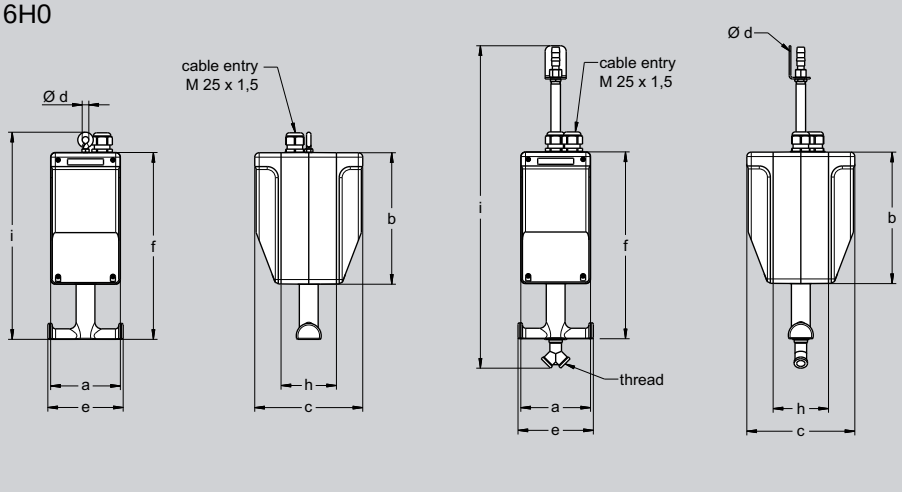
10

Power strip, solid rubber **Schuko sockets IP 54 acc. to DIN VDE 0620-1**

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	3-pole 230 V 16 A	Schuko 16 A	Supply 2 m supply line	Protection MCB	RCD	IP degree IP 44	IP 67
641 00 02 A						4	H07RN-F5G 2,5 CEE-plug 16 A		4/40/0,03 A	●	
641 01 01 A				1		4	H07RN-F5G 2,5 CEE-plug 16 A			●	
641 01 02 A				1		2	H07RN-F5G 2,5 CEE-plug 16 A		4/40/0,03 A	●	
641 02 01				2			H07RN-F5G 6 CEE-plug 32 A	2 x C 16/3-pole		●	

Suspension-type socket combinations, plastic, enclosures 6H0, 6H1, 6H2

6H0



a	b	c	ød	e	f	i	h
126	237	195	12	136	337	374	100

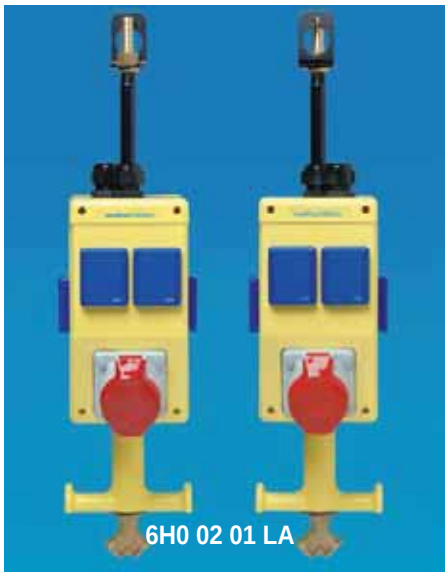
a	b	c	ød	e	f	i	h	thread
126	237	195	10	136	337	ca. 600	100	G3/8“

Suspension-type combination, plastic enclosure, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	Schuko 16 A	Data socket 2 RJ45	Compressed air connection 3/8“	Protection MCB	RCD	IP degree IP 20	IP 44
6H0 00 02					4						●
6H0 00 01					10						●
6H0 00 09					4	1				●	
6H0 01 07 LA				1	4		●				●

Other socket combination versions acc. to your requirements available on request

Suspension-type socket combinations, plastic, enclosures 6H0, 6H1, 6H2

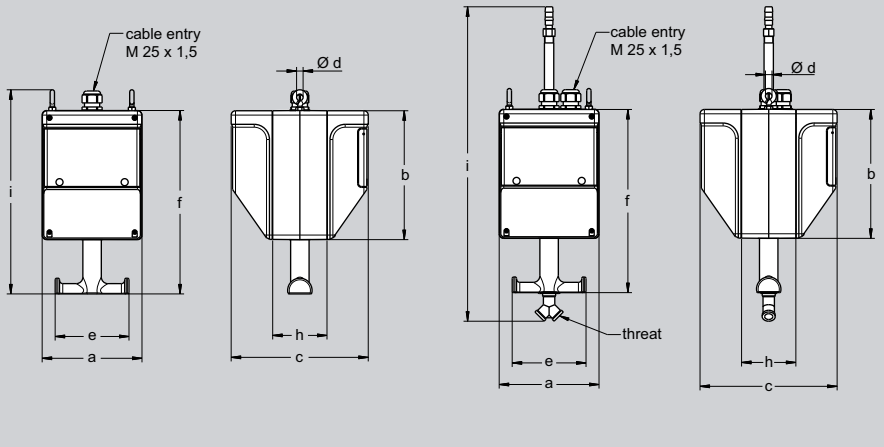


Suspension-type combination, plastic enclosure, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	Schuko 16 A	Data socket 2 RJ45	Compressed air connection 3/8“	Protection MCB	RCD	IP degree IP 20	IP 44
6H0 02 01 LA				2	6		●				●
6H1 00 05					4				4/40/0,03 A		●
6H1 01 01				1	6				4/40/0,03 A		●
6H1 02 02				2	2			1 x C16/3-pole 1 x B16/1-pole			●
6H1 30 01 LA			1	1	2		●	1 x C16/3-pole 1 x B16/1-pole			●
6H2 30 02 LA			1	1	2		●	1 x C16/3-pole 1 x B16/1-pole	4/40/0,03 A		●

Suspension-type socket combinations, plastic, enclosures 6H3, 6H4, 6H5

6H3



a	b	c	ød	e	f	i	h
184	237	252,5	12	136	337	376	100

a	b	c	ød	e	f	i	h	thread
184	237	252,5	12	136	337	ca. 600	100	G3/8"


6H4 01 02 LA


6H4 11 01


6H5 31 01 LA


6H4 41 01

10

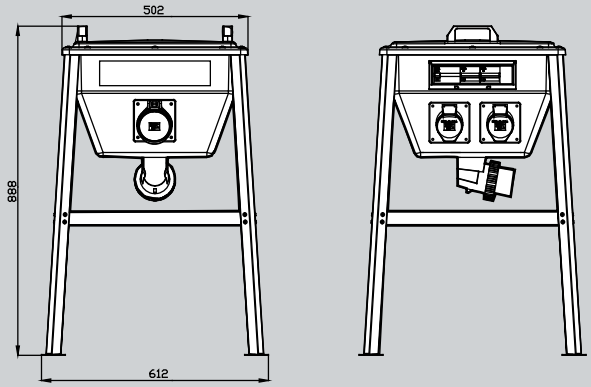
Suspension-type combination, plastic enclosure, wired ready for connection

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	Schuko 16 A	Data socket 2 RJ45	Compressed air connection 3/8"	Protection MCB	RCD	IP degree IP 20	IP 44
6H4 01 02 LA				1	6	2	●	1 x C16/3-pole 2 x B16/1-pole	4/40/0,03 A	●	
6H4 11 01			1		6	2		1 x C32/3-pole 3 x B16/1-pole	4/40/0,03 A		●
6H5 31 01 LA			1	2	2		●	1 x C32/3-pole 2 x C16/3-pole 2 x B16/1-pole	4/63/0,03 A		●
6H4 41 01		1	1		2			1 x C32/3-pole 2 x B16/1-pole	4/63/0,03 A		●

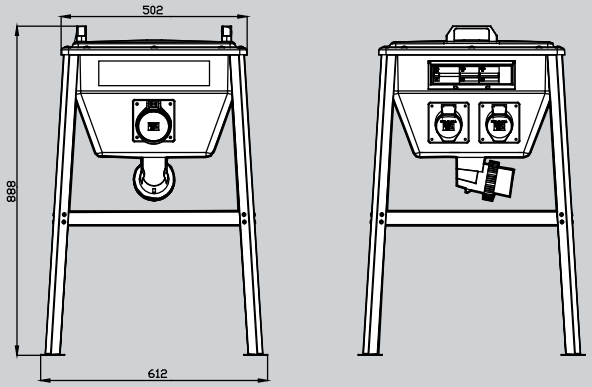
Other socket combination versions acc. to your requirements available on request

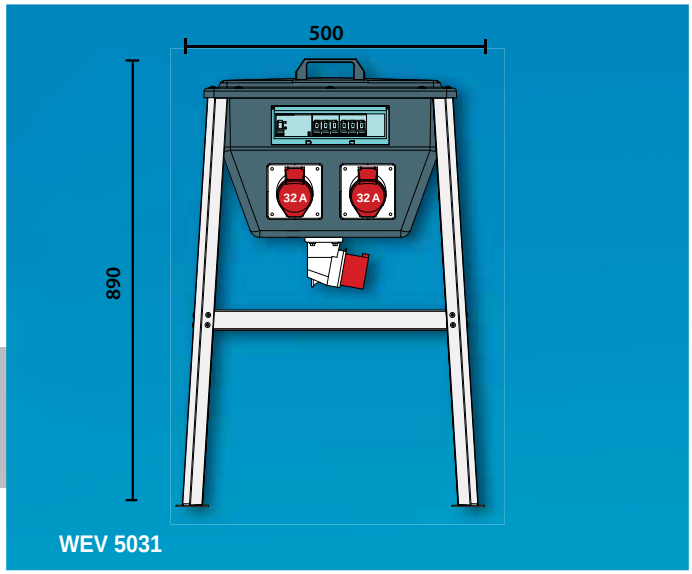
End distributors made of hard polyethylene

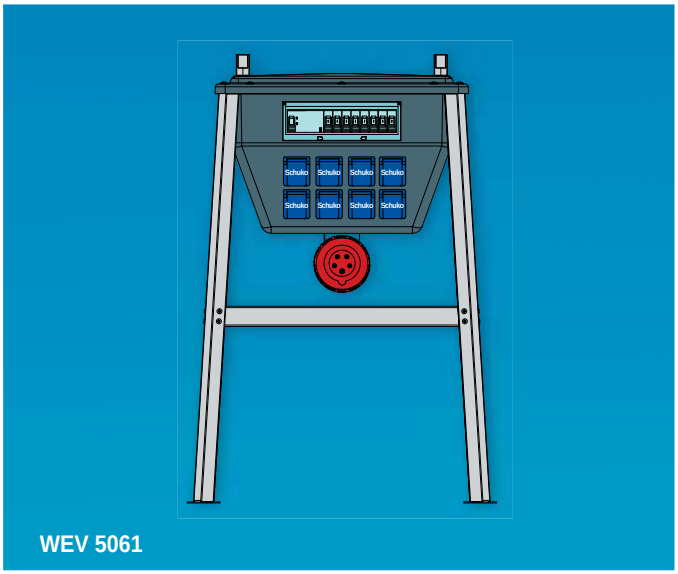
WEV5031



WEV5061







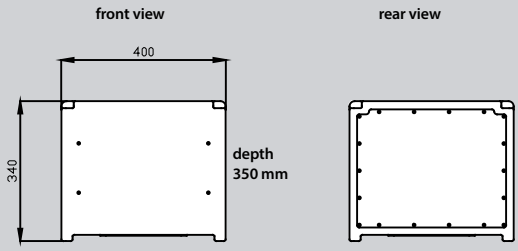
10

Mobile hard polyethylene distributors

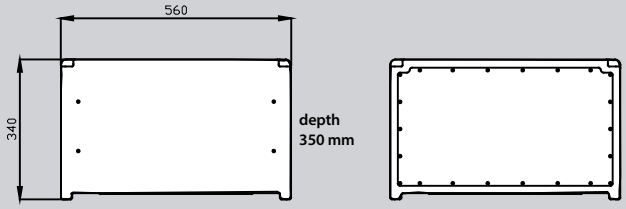
Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	Schuko 16 A	Supply 2 m supply line	Panel mount appliance inlet	Protection MCB	RCD	IP degree IP 44	IP 67
WEV 5031			1 2	2	6		32 A	2 x C32/3-pole 2 x C16/3-pole 6 x C16/1-pole	4/40/0,03 A 4/40/0,03 A	●	
WEV 5061		1	2	2	4 6		63 A	2 x C32/3-pole 2 x C16/3-pole 4 x C16/1-pole 6 x C16/1-pole	4/63/0,03 A 4/40/0,03 A 4/63/0,03 A	●	

Event distributors, stackable

631



632




631 99 01


632 99 01

10

Extremely robust event distributors made of polyethylene

Part no.	CEE panel sockets 5-pole 400 V 125 A	63 A	32 A	16 A	Schuko 16 A	Supply 2 m supply line	Panel mount appliance inlet	Protection MCB	RCD	IP degree IP 44	IP 67
631 99 01 with phase and sequence-indication			1	1	3		63 A	1 x C32/3-pole 1 x C16/3-pole 3 x C16/1-pole	4/63/0,03 A 4/40/0,03 A	●	
632 99 01 with phase and sequence-indication and main-switch 63 A pole		1	1	2	6		63 A	1 x C32/3-pole 2 x C16/3-pole 6 x C16/1-pole	4/63/0,03 A 4/63/0,03 A	●	

Stainless steel pillars

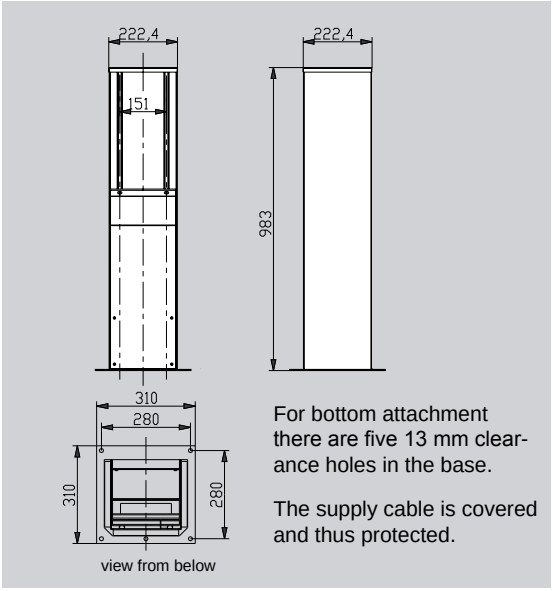
Pillars made of stainless steel, steel grade 1.4301

Available on request:

Special dimensions and lacquer varnishes acc. to RAL colour chart.

With connections for compressed air and water.

Width: approx. 220 mm

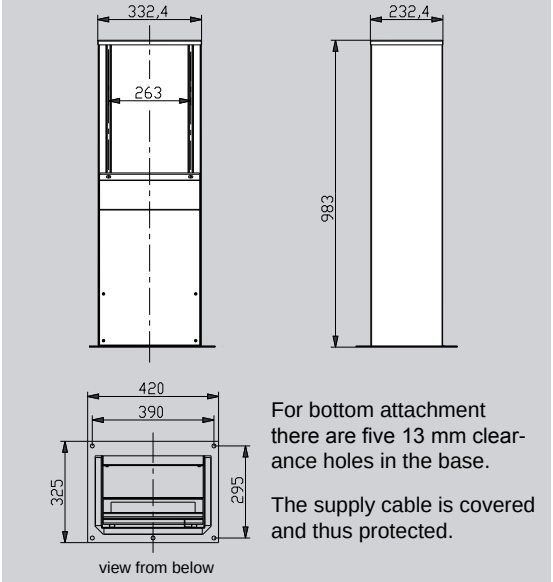


For bottom attachment there are five 13 mm clearance holes in the base.

The supply cable is covered and thus protected.

For installation of these enclosure series:

Width: approx. 330 mm

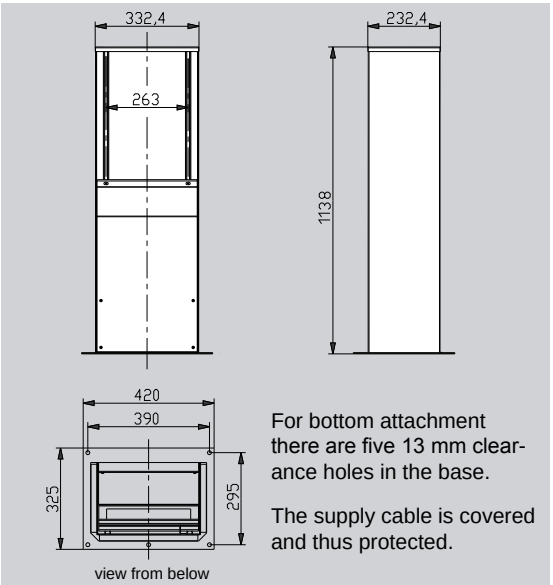


For bottom attachment there are five 13 mm clearance holes in the base.

The supply cable is covered and thus protected.

For installation of these enclosure series:

Width: approx. 330 mm



For bottom attachment there are five 13 mm clearance holes in the base.

The supply cable is covered and thus protected.

For installation of these enclosure series:

Suitable socket combination series for installation in stainless steel pillars

Enclosure series: 691, 692, 698

Part no.: 620 99 12*

Enclosure series: 698

Part no.: 620 99 18*

Enclosure series: 695

Part no.: 620 99 15*

Enclosure series: 699

Part no.: 620 99 19*

Enclosure series: 682

Part no.: 620 99 22*

Enclosure series: 689

Part no.: 620 99 29*

Enclosure series: 646, 647

Part no.: 620 99 46*

Enclosure series: 685

Part no.: 620 99 25*

*** Part number of the (empty) stainless steel pillar which can be equipped with the socket combi shown above**

Other socket combination versions acc. to your requirements available on request

CEEtyp Socket combinations 680

for supply lines up to 95 mm²

The main idea behind Walther socket combinations is the enclosure modularity.

Due to an extensive range of enclosures, the manifold equipment requirements of our customers can be met.

Cable grommets for cable diameters of 14 - 58 mm

deeper enclosure bottom allows for more industrial solutions

- Isolating transformers up to 1,5 kVA mountable
- LV HRC fuse switch disconnector size 00 can be integrated in the socket combination
- Supply cables with cross sections up to 95 mm² can be connected

Enclosure sizes

Enclosure 682
Dimensions: H x W x D:
404 x 290 x 171 mm

Enclosure 682 TB
Dimensions: H x W x D:
404 x 290 x 212 mm

Planning aid
for socket combinations according to your requirements

Our socket combinations are too numerous to list here. Therefore we have designed this planning aid to help you with the inquiry in case you require other combination configurations. Please use separate sheets for combinations with different specifications.

Fax Inquiry: +49 (0) 6351/475-205
Tel.-no.: +49 (0) 6351/475-221 or -234

Object: _____

Quantity: _____

Required delivery date: _____

Date: _____

Sender:

Name, first name: _____

Function / Department: _____

Company: _____

Street address: _____

Postal code, place: _____

Country: _____

E-mail / Fax: _____

Wall mount combination:
❑ **Plastic (PC/ABS)**
❑ Solid rubber
❑ Plastic (PBT)

Portable combination:
❑ **Solid rubber**
❑ Plastic
❑ Hard polyethylene

Mounted in stainless steel pillar:
❑ **Plastic (PC/ABS)**
❑ Plastic (PBT)
❑ Solid rubber

Suspension-type combi:
❑ Plastic (PC/ABS)

Portable power strips:
❑ Plastic (PC/ABS)
❑ Solid rubber

Protection degree:
❑ **splash proof IP 44**
❑ watertight IP 67

Equipped with: (please ask for more information if you require a socket combination with CEPro plugs and sockets)

Designation	Type of socket				MCB		Neozed fuse base	Electrical interlocking	other
	Qty.	Poles	Current	Voltage	Current	Characteristic	Poles		
Schuko									
CEEtyp									
CEEtyp									
CEEtyp									
CEEtyp									
Norvo < 50 V									
Norvo < 50 V									

RCD Rated current: ❑ 25 A ❑ 40 A ❑ 63 A ❑ 80 A ❑ 100 A ❑ 125 A
Leakage current: ❑ 0,03 A ❑ 0,3 A ❑ 0,5 A
Number of poles: ❑ 2 P ❑ 4 P ❑ RCBO Quantity: .....

Double data socket RJ 45 Kat. 6 ❑ IP 20 ❑ IP 44 ❑ IP 67

Transformer S = ... VA $U_{pr.}$ .....V $U_{sec.}$ V

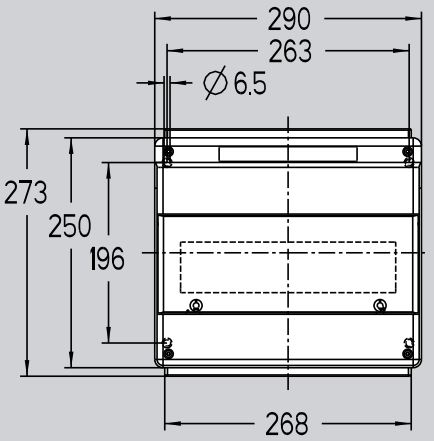
Control lamp ❑ yes ❑ no **Emergency stop** ❑ yes ❑ no

Connection Wall mount combi: Supply line from: ❑ top ❑ bottom
M-entry ❑ 20 ❑ 25 ❑ 32 ❑ 50 ❑ 63
Terminal block ❑ without ❑ tie line.....mm^2 ❑ ring main .....mm^2
Portable combi: ❑ plug + connecting line..... mm^2, length: ..... m ❑ appliance inlet
Power strip: ❑ plug + connecting line..... mm^2, length: ..... m

Circuit diagram/installation dimension limitation: H: ..... W:.....

Other socket combination versions acc. to your requirements available on request

Consumer boxes, plastic, wall-mount
single-row, 13 MCB module widths



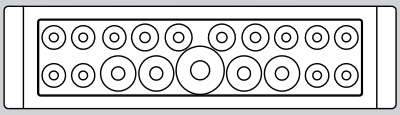
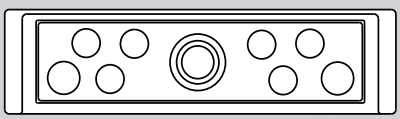
AutoboxX

Walther Consumer Boxes

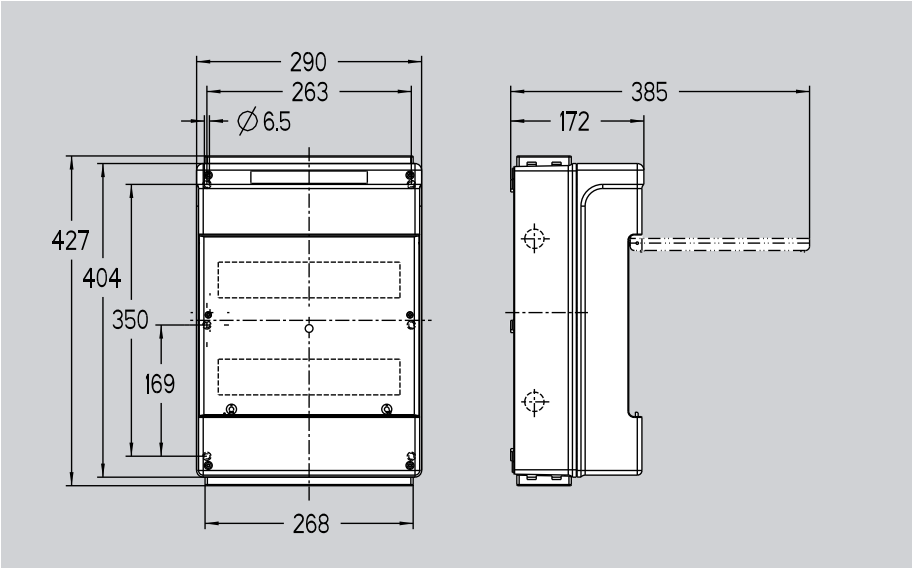
Plastic PC/ABS, similar grey RAL 7035
Rated voltage AC 230 / 400 V
Transparent cover with locking facility
opens upwards

equipped with:

1 x DIN rail for snap-mounted devices
2 x PE/N terminal, 17-pole
1 x mounting instruction
1 x labeling strip
4 x sealing plug
1 x cable cover

Cable entry		Part number
Seal membranes **- IP 67** 10 x Ø 7-12 mm 4 x Ø 7-15 mm 4 x Ø 11-20 mm 1 x Ø 16-29 mm	 top and bottom	IV 113 15
Knockouts **- with complete cable glands IP 65** 1 x M 32/40 2 x M 25 6 x M 20	 top and bottom	IV 113 26

Consumer boxes, plastic, wall-mount
double-row, 26 MCB module widths




IV 126 15


IV 126 26

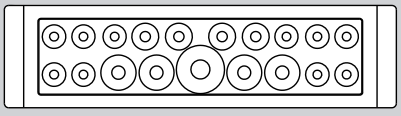
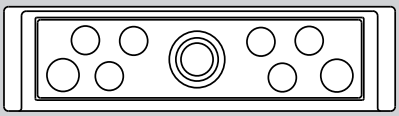
AutoboxX

Walther Consumer Boxes

Plastic PC/ABS, similar grey RAL 7035
Rated voltage AC 230 / 400 V
Transparent cover with locking facility
opens upwards

equipped with:

2 x DIN rail for snap-mounted devices
2 x PE/N terminal, 17-pole
1 x mounting instruction
1 x labeling strip
4 x sealing plug
1 x cable cover

Cable entry		Part number
Seal membranes **- IP 67** 10 x Ø 7-12 mm 4 x Ø 7-15 mm 4 x Ø 11-20 mm 1 x Ø 16-29 mm	 top and bottom	IV 126 15
Knockouts **- with complete cable glands IP 65** 1 x M 32/40 2 x M 25 6 x M 20	 top and bottom	IV 126 26

Systems below 50 V are safety extra-low voltage systems and do not require an earth contact.

To distinguish between different voltages and frequencies there is a major keyway in the socket at 6 hour position. The different widths of the keyways are:

- 4 mm for 32/30 A plugs
- 7 mm for 16/20 A plugs

These different keyway widths prevent the insertion of 32/30 A plugs into 16/20 A sockets.

It is possible and in accordance with the standard to insert 32/30A plugs into 16/20 A sockets if voltage and frequency are identical.

It is also possible to insert a 2-pole plug into a 3-pole socket if voltage and frequency are identical.

By means of the keyway in the socket (which identifies the hour position) respectively by means of the guide groove inside the plug, the frequencies can be distinguished.

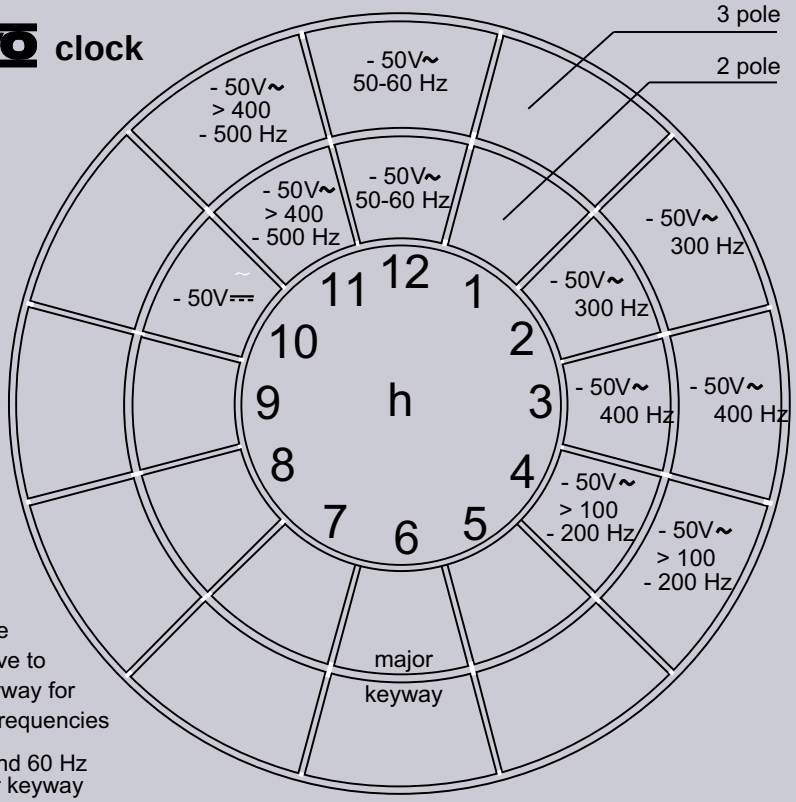
Due to constructional reasons the hour positions 5, 6 and 7 can not be used. The hour positions 1, 8 and 9 are reserved for future standardisations.

NORVO clock

Colour code:

24 V: violet
42 V: white
12 h
10 h

42 V: green
4 h
2 h
3 h
11 h



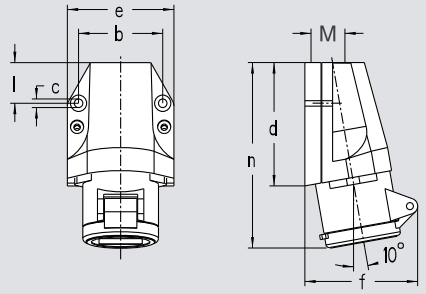
Position of the keyway relative to the major keyway for the different frequencies

20-25 V 50 and 60 Hz without major keyway

Application areas of extra-low voltage systems are for example:

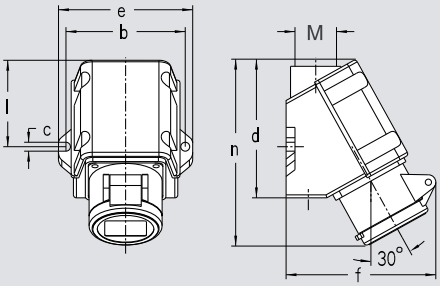
- boiler companies
- pipeline construction
- generating stations
- mobile lighting systems
- tank cleaning systems

Norvo
Plugs & Sockets
for extra low voltages up to 50 V



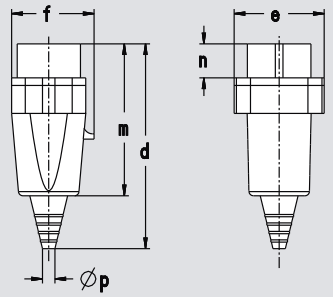
Amp.	16		32	
Poles	2	3	2	3
b	54,5	54,5	54,5	54,5
c	5,2	5,2	5,2	5,2
d	81	81	81	81
e	70	70	70	70
f	72	72	72	72
l	28	28	28	28
n	119	119	119	119
M	25	25	25	25

NORVO wall sockets,
external fixing,
1 top cable entry,
IP 44



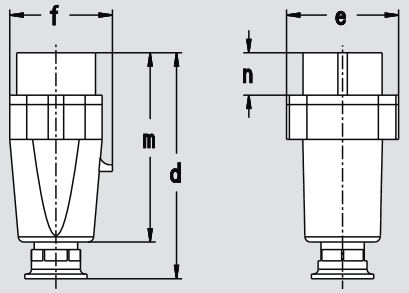
Amp.	16		32	
Poles	2	3	2	3
b	80	80	80	80
c	6,2	6,2	6,2	6,2
d	93	93	93	93
e	90	90	90	90
f	93	93	93	93
l	60	60	60	60
n	125	125	125	125

NORVO wall sockets,
external fixing,
top cable entry 1 x PG 21,
bottom cable entry 2 x PG 16,
IP 44



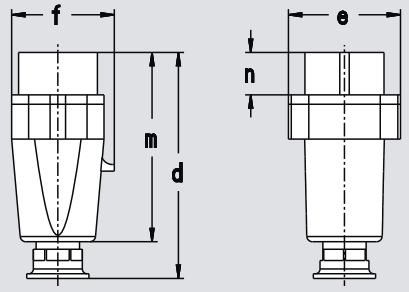
Amp.	16		32	
Poles	2	3	2	3
d	135	135	135	135
e	59	59	59	59
f	55	55	55	55
m	99	99	99	99
n	22,5	22,5	22,5	22,5
Øp	8/21	8/21	8/21	8/21

NORVO plugs,
with flexible cable entry,
IP 44



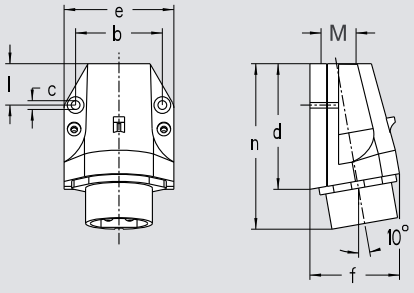
Amp.	16		32	
Poles	2	3	2	3
d	128	128	128	128
e	59	59	59	59
f	55	55	55	55
m	99	99	99	99
n	22,5	22,5	22,5	22,5
Øp	7,5-14,5	7,5-14,5	7,5-14,5	7,5-14,5

NORVO plugs,
with trumpet gland, PG 16
IP 44



Amp.	16		32	
Poles	2	3	2	3
d	128	128	128	128
e	59	59	59	59
f	55	55	55	55
m	99	99	99	99
n	22,5	22,5	22,5	22,5
Øp	7,5-19,5	7,5-19,5	7,5-19,5	7,5-19,5

NORVO plugs,
with trumpet gland, PG 21
IP 44



Amp.	16		32	
Poles	2	3	2	3
b	54,5	54,5	54,5	54,5
c	5,2	5,2	5,2	5,2
d	81	81	81	81
e	70	70	70	70
f	68	68	68	68
l	28	28	28	28
n	105	105	105	105
M	28		28	

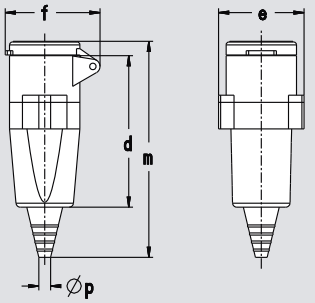
NORVO wall mount appliance inlets,
external fixing,
1 top cable entry,
IP 44

Ampère	Poles	24~ V 50/60 Hz 2-pole –	24~ V 50/60 Hz 3-pole –	42~V 50/60 Hz 2-pole 12 h	42~V 50/60 Hz 3-pole 12 h	42~V 100/200 Hz 2-pole 4 h	42~V 100/200 Hz 3-pole 4 h	42~V 300 Hz 2-pole 2 h	42~V 300 Hz 3-pole 2 h	42~V 400 Hz 2-pole 3 h	42~V 400 Hz 3-pole 3 h	42~V >400/500Hz 2-pole 11 h	42~V >400/500Hz 3-pole 11 h	42 ⎓ V 2-pole 10 h		
		Part numbers														
16	2	**10 110**		**10 111**		10 112		10 113		10 114		10 115		10 116	10	 11110
16	3	**10 150**		**10 151**		10 152		10 153		10 154		10 155			10	
32	2	**11 110**		**11 111**		11 112		11 113		11 114		11 115		11 116	10	
32	3	**11 150**		**11 151**		11 152		11 153		11 154		11 155			10	
16	2	**10 100**		**10 101**		10 102		10 103		10 104		10 105		10 106	10	 11100
16	3	**10 140**		**10 141**		10 142		10 143		10 144		10 145			10	
32	2	**11 100**		**11 101**		11 102		11 103		11 104		11 105		11 106	10	
32	3	**11 140**		**11 141**		11 142		11 143		11 144		11 145			10	
16	2	**10 280**		**10 281**		10 282		10 283		10 284		10 285		10 286	10	 11290
16	3	**10 290**		**10 291**		10 292		10 293		10 294		10 295			10	
32	2	**11 280**		**11 281**		11 282		11 283		11 284		11 285		11 286	10	
32	3	**11 290**		**11 291**		11 292		11 293		11 294		11 295			10	
16	2	**10 210**		**10 211**		10 212		10 213		10 214		10 215		10 216	10	 11250
16	3	**10 250**		**10 251**		10 252		10 253		10 254		10 255			10	
32	2	**11 210**		**11 211**		11 212		11 213		11 214		11 215		11 216	10	
32	3	**11 250**		**11 251**		11 252		11 253		11 254		11 255			10	
16	2	**10 220**		**10 221**		10 222		10 223		10 224		10 225		10 226	10	 11260
16	3	**10 260**		**10 261**		10 262		10 263		10 264		10 265			10	
32	2	**11 220**		**11 221**		11 222		11 223		11 224		11 225		11 226	10	
32	3	**11 260**		**11 261**		11 262		11 263		11 264		11 265			10	
16	2	**10 800**		**10 801**		10 802		10 803		10 804		10 805		10 806	10	 11840
16	3	**10 840**		**10 841**		10 842		10 843		10 844		10 845			10	
32	2	**11 800**		**11 801**		11 802		11 803		11 804		11 805		11 806	10	
32	3	**11 840**		**11 841**		11 842		11 843		11 844		11 845			10	

2-pole 3-pole

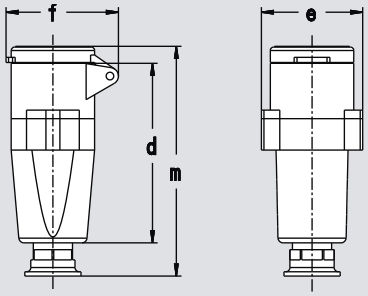
Availability of not listed clock positions on request

Norvo
Plugs & Sockets
for extra low voltages up to 50 V



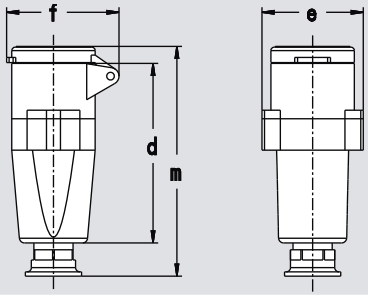
Amp.	16		32	
Poles	2	3	2	3
d	150	150	150	150
e	59	59	59	59
f	67	67	67	67
m	104	104	104	104
Øp	8/21	8/21	8/21	8/21

NORVO couplers,
with flexible cable entry,
IP 44



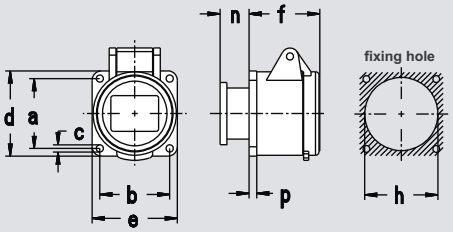
Amp.	16		32	
Poles	2	3	2	3
d	143	143	143	143
e	59	59	59	59
f	67	67	67	67
m	104	104	104	104
Øp	7,5 - 14,5			

NORVO couplers,
with trumpet gland, PG 16
IP 44



Amp.	16		32	
Poles	2	3	2	3
d	143	143	143	143
e	59	59	59	59
f	67	67	67	67
m	104	104	104	104
Øp	10-19,5	10-19,5	10-19,5	10-19,5

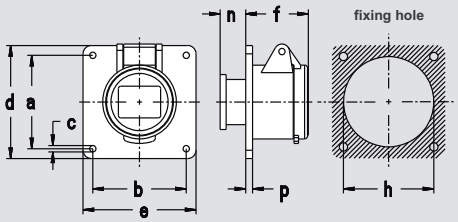
NORVO couplers,
with trumpet gland, PG 21
IP 44



Amp.	16		32	
Poles	2	3	2	3
a	41	41	41	41
b	41	41	41	41
c	4,2	4,2	4,2	4,2
d	50	50	50	50
e	50	50	50	50
f	42	42	42	42
h	40	40	40	40
n	18	18	18	18
p	4	4	4	4

fixing dimensions = a + b, flange dimensions = d + e

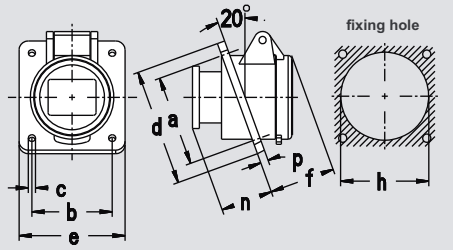
NORVO panel sockets, straight,
flange dimensions 50 x 50 mm,
IP 44



Amp.	16		32	
Poles	2	3	2	3
a	60	60	60	60
b	60	60	60	60
c	4,2	4,2	4,2	4,2
d	75	75	75	75
e	75	75	75	75
f	42	42	42	42
h	40	40	40	40
n	18	18	18	18
p	4	4	4	4

fixing dimensions = a + b, flange dimensions = d + e

NORVO panel sockets, straight,
flange dimensions 75 x 75 mm,
IP 44



Amp.	16		32	
Poles	2	3	2	3
a	53	53	53	53
b	47	47	47	47
c	4,5	4,5	4,5	4,5
d	68	68	68	68
e	62	62	62	62
f	38	38	38	38
h	55	55	55	55
n	30	30	30	30
p	4,5	4,5	4,5	4,5

fixing dimensions = a + b, flange dimensions = d + e

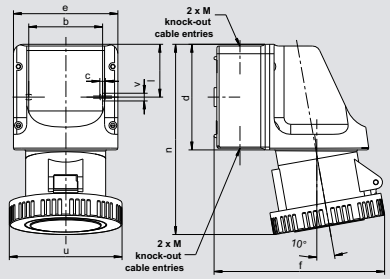
NORVO panel sockets, angled,
flange dimensions 68 x 62,
IP 44

Ampère	Poles	24~ V 50/60 Hz 2-pole –	24~ V 50/60 Hz 3-pole –	42~V 50/60 Hz 2-pole 12 h	42~V 50/60 Hz 3-pole 12 h	42~V 100/200 Hz 2-pole 4 h	42~V 100/200 Hz 3-pole 4 h	42~V 300 Hz 2-pole 2 h	42~V 300 Hz 3-pole 2 h	42~V 400 Hz 2-pole 3 h	42~V 400 Hz 3-pole 3 h	42~V >400/500Hz 2-pole 11 h	42~V >400/500Hz 3-pole 11 h	42 ⎓ V – 2-pole 10 h		
		Part numbers														
16	2	**10 380**		**10 381**		10 382		10 383		10 384		10 385		10 386	10	 11380
16	3	**10 390**		**10 391**		10 392		10 393		10 394		10 395			10	
32	2	**11 380**		**11 381**		11 382		11 383		11 384		11 385		11 386	10	
32	3	**11 390**		**11 391**		11 392		11 393		11 394		11 395			10	
16	2	**10 310**		**10 311**		10 312		10 313		10 314		10 315		10 316	10	 11310
16	3	**10 350**		**10 351**		10 352		10 353		10 354		10 355			10	
32	2	**11 310**		**11 311**		11 312		11 313		11 314		11 315		11 316	10	
32	3	**11 350**		**11 351**		11 352		11 353		11 354		11 355			10	
16	2	**10 320**		**10 321**		10 322		10 323		10 324		10 325		10 326	10	 11320
16	3	**10 360**		**10 361**		10 362		10 363		10 364		10 365			10	
32	2	**11 320**		**11 321**		11 322		11 323		11 324		11 325		11 326	10	
32	3	**11 360**		**11 361**		11 362		11 363		11 364		11 365			10	
16	2	**10 400**		**10 401**		10 402		10 403		10 404		10 405		10 406	10	 11400
16	3	**10 440**		**10 441**		10 442		10 443		10 444		10 445			10	
32	2	**11 400**		**11 401**		11 402		11 403		11 404		11 405		11 406	10	
32	3	**11 440**		**11 441**		11 442		11 443		11 444		11 445			10	
16	2	**10 600**		**10 601**		10 602		10 603		10 604		10 605		10 606	10	 11600
16	3	**10 640**		**10 641**		10 642		10 643		10 644		10 645			10	
32	2	**11 600**		**11 601**		11 602		11 603		11 604		11 605		11 606	10	
32	3	**11 640**		**11 641**		11 642		11 643		11 644		11 645			10	
16	2	**10 500**		**10 501**		10 502		10 503		10 504		10 505		10 506	10	 11600
16	3	**10 540**		**10 541**		10 542		10 543		10 544		10 545			10	
32	2	**11 500**		**11 501**		11 502		11 503		11 504		11 505		11 506	10	
32	3	**11 540**		**11 541**		11 542		11 543		11 544		11 545			10	

2-pole 3-pole

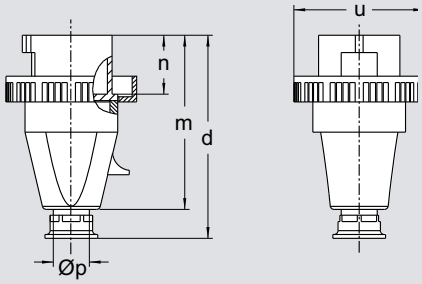
Availability of not listed clock positions on request

CEPro
Plugs & Sockets
- power and control in one unit



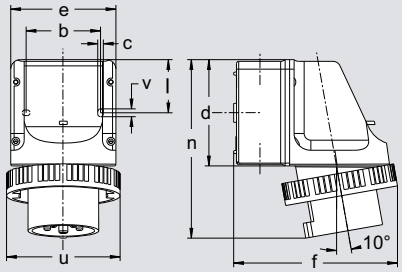
Amp.	16		32
Poles	3	5	5
b	66,5	66,5	66,5
c	5	5	5
d	96	96	96
e	95	95	95
f	140	147	156
l	47,5	47,5	47,5
n	164	164	176
u	72	88	103
v	7	7	7
M	20/25	20/25	20/25

Wall sockets,
internal fixing,
2 knock-out cable entries on top and bottom
IP 67



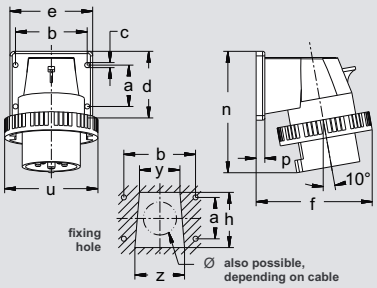
Amp.	16		32
Poles	3	5	5
d	126	139	166
m	110	114	135
n	37	37	46
u	72	88	103
Øp	7,5-12,5	10-19,5	18-24,5

Plugs,
trumpet gland,
IP 67



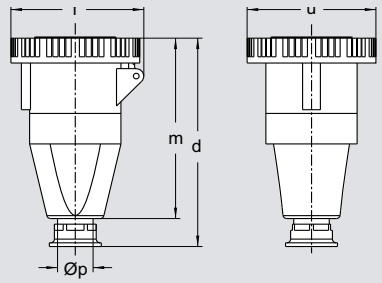
Amp.	16		32
Poles	3	5	5
b	66,5	66,5	66,5
c	5	5	5
d	96	96	96
e	95	95	95
f	140	140	150
l	47,5	47,5	47,5
n	154	154	164
u	72	88	103
v	7	7	7
M	20/25	20/25	20/25

Wall mount appliance inlets,
internal fixing,
2 knock-out cable entries on top and bottom,
IP 67



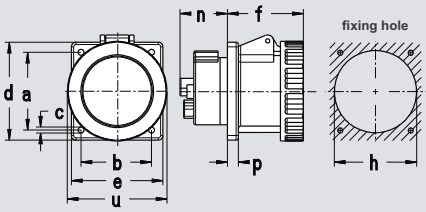
Amp.	16		32
Poles	3	5	5
a	30	40	45
b	55	68	78
c	5,5	5,5	5,5
d	52	66	75
e	65	80	90
f	81	103	117
h	38	52	60
n	98	113	131
p	9,5	9,5	9,5
u	72	88	103
y	30	38	44
z	36	46	54

Panel mount appliance inlets, angled,
with screwed flange,
IP 67



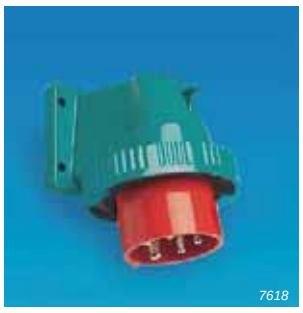
Amp.	16		32
Poles	3	5	5
d	136	150	177
f	78	91	105
m	121	126	149
u	72	88	103
Øp	7,5-12,5	10-19,5	18-24,5

Couplers,
trumpet gland,
IP 67



Amp.	16		32
Poles	3	5	5
a	47	60	60
b	47	60	60
c	5,5	5,5	5,5
d	62	80	80
e	62	80	80
f	57	59	70
h	46	67	71
n	22	22	23
p	8,5	8,5	8,5
u	72	88	103

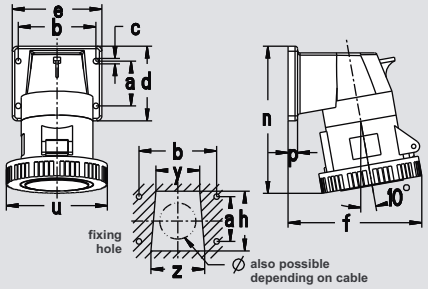
Panel sockets, straight,
with screwed flange,
IP 67

Ampère	Poles	Max. no. of control contacts	110 V 50 a. 60 Hz 3pole 4h	110 V 50 a. 60 Hz 5pole 4h	230 V 50 a. 60 Hz 3pole 6h	230 V 50 a. 60 Hz 5pole 9h	400 V 50 a. 60 Hz 3pole 9 h	400 V 50 a. 60 Hz 5pole 6 h	440 V 60 Hz 5pole 11 h	500 V 50 a. 60 Hz 3pole 7 h	500 V 50 a. 60 Hz 5pole 7 h		
			Part numbers										
16	3	6 pcs.*	7 119 304		**7 119 306**		7 119 309					5	 7119
16	5	9 pcs.*	7 119 504		7 119 509		**7 119**		7 119 511	7 119 507		5	
32	5	10 pcs.*	7 139 504		7 139 509		**7 139**		7 139 511	7 139 507		5	
16	3	6 pcs.*	7 219 304		**7 219 306**		7 219 309					10	 7219
16	5	9 pcs.*	7 219 504		7 219 509		**7 219**		7 219 511	7 219 507		10	
32	5	10 pcs.*	7 239 504		7 239 509		**7 239**		7 239 511	7 239 507		10	
16	3	6 pcs.*	7 618 304		**7 618 306**		7 618 309					5	 7618
16	5	9 pcs.*	7 618 504		7 618 509		**7 618**		7 618 511	7 618 507		5	
32	5	10 pcs.*	7 638 504		7 638 509		**7 638**		7 638 511	7 638 507		5	
16	3	6 pcs.*	7 619 304		**7 619 306**		7 619 309					5	 7618
16	5	9 pcs.*	7 619 504		7 619 509		**7 619**		7 619 511	7 619 507		5	
32	5	10 pcs.*	7 639 504		7 639 509		**7 639**		7 639 511	7 639 507		5	
16	3	6 pcs.*	7 319 304		**7 319 306**		7 319 309					10	 7319
16	5	9 pcs.*	7 319 504		7 319 509		**7 319**		7 319 511	7 319 507		10	
32	5	10 pcs.*	7 339 504		7 339 509		**7 339**		7 339 511	7 339 507		10	
16	3	6 pcs.*	7 419 304		**7 419 306**		7 419 309					10	 7419
16	5	9 pcs.*	7 419 504		7 419 509		**7 419**		7 419 511	7 419 507		10	
32	5	10 pcs.*	7 439 504		7 439 509		**7 439**		7 439 511	7 439 507		10	

2 P + E 3 P + N + E

* Please order crimp and glass fibre cable contacts separately

CEPro
Plugs & Sockets
- power and control in one unit



Amp.	16		32
Poles	3	5	5
a	30	40	45
b	55	68	78
c	5,5	5,5	5,5
d	52	66	75
e	65	80	90
f	88	108	123
h	38	52	60
n	109	123	145
p	9,5	9,5	9,5
u	72	88	103
y	30	38	44
z	38	46	54

Panel sockets, angled,
with screwed flange enclosure,
IP 67

Amp.	16		32
Poles	3	5	5
k	70	86	99
n	41	42	52
u	60	76	89

Protective caps,
for plugs and appliance inlets,
with attachment kit
IP 67

Power contact section

The CEPro plug and socket system is similar to the CEE system, the power contacts are arranged in a circle. However, in CEPro devices, phase, neutral and earth positions are arranged at a different angle, which prevents incorrect mating between CEE and CEPro system.

Control contact section

The pins and sleeves are from WALTHER's widely used and tested PROCON range of industrial connectors. These control contacts are shielded from the power contacts which prevents the risk of flash-over between the two circuits.

Termination method inside the control contact section

The cables are connected to the different control contacts by means of crimping. An important advantage of the crimping technique is that a gastight connection can be made between contact and cable conductor, thereby establishing a constantly low contact resistance.

The crimp contacts snap into place in the contact cavities and can be undone with a removal tool.

Scope of delivery

CEPro devices are provided with screw terminal power contacts.
The control contact section comes without pins and sleeves so that it can be equipped by the user himself with the required crimp contacts.

WALTHER-CEPro cable

In addition to the CEPro plugs and sockets, WALTHER also offers special hybrid cables which guarantee safe transmission of power and control signals.

All cables consist of fine wire copper strands. The wires are twisted together and shielded in pairs.

This avoids influence by switching impulses from the power section and a good damping of interference from the outside is achieved.

The application is suitable for a temperature range of - 30 up to + 80 °C with flexing cable, but the flexing radius should not be lower than 7.5 x cable diameter.

The wires in the cables are tested against each other and the power current section is tested to the control part with 3500 V. The outside coating is made of polyurethane.

CEPro plugs and sockets in connection with CEPro cable ensure a safe power and signal transmission, guaranteeing the requirements of a „safe connection" according to VDE 0100 T 410.

Ampère	Poles	Max. no. of control contacts	110 V 50 a. 60 Hz 3pole 4h	110 V 50 a. 60 Hz 5pole 4h	230 V 50 a. 60 Hz 3pole 6h	230 V 50 a. 60 Hz 5pole 9h	400 V 50 a. 60 Hz 3pole 9 h	400 V 50 a. 60 Hz 5pole 6 h	440 V 60 Hz 5pole 11 h	500 V 50 a. 60 Hz 3pole 7 h	500 V 50 a. 60 Hz 5pole 7 h	
			Part numbers									
16	3	6 pcs.*	7 518 304		**7 518 306**		7 518 309					5
16	5	9 pcs.*	7 518 504		7 518 509		**7 518**		7 518 511	7 518 507		5
32	5	10 pcs.*	7 538 504		7 538 509		**7 538**		7 538 511	7 538 507		5
16	3		**613 300**									10
16	5		**613 500**									10
32	5		**633 500**									10

2 P + E 3 P + N + E

* Please order crimp and glass fibre cable contacts separately

CEPro plugs and sockets can transmit both power and control signals simultaneously within one compact system.

CEPro devices can be plugged and withdrawn under load.

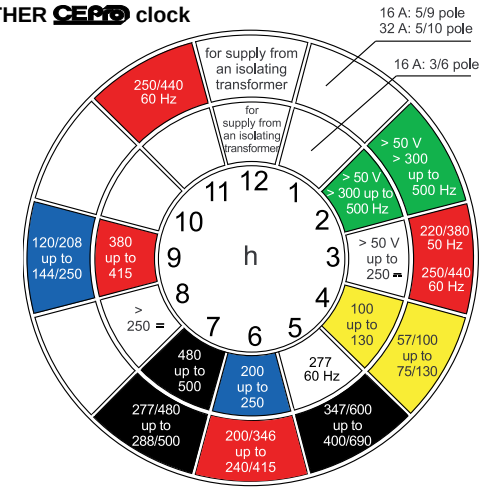
Application areas

This system is ideal for installations and machines which operate or utilise both power and control systems: e.g. production planning systems (PPS) or computer integrated manufacturing (CIM).

Other applications are for example connection to end-users with netware-backed-up systems, like:

- crane controls
- light- and stage control
- container control etc.

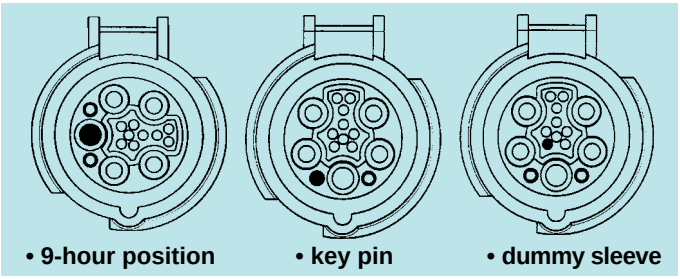
WALTHER CEPro clock



The power voltage coding was adopted from IEC/EN 60 309 and is indicated by the position of the earth contact in relation to the hour position of the keyway and the corresponding colour, as well as the pre-mating/lagging earth contact connection when plugging/withdrawing.

CEPro coding

In installations where several CEPro sockets are in close proximity but performing different functions, the sockets and plugs have to be made unmistakable. This is achieved either by **mechanical** or **electronical coding.**



• 9-hour position **• key pin** **• dummy sleeve**

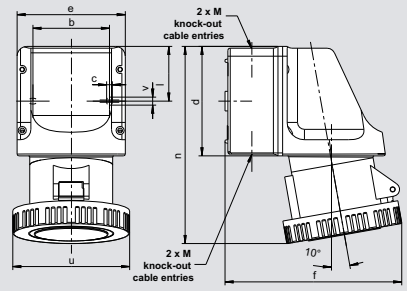
Mechanical coding:

- Use of screwable key pins in connection with blanking plugs
- Allocation of different hour positions
- Snapping-in of blind sleeves in the control contact section.

Electronic coding:

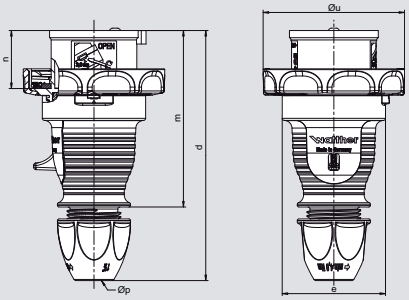
Electrical connections are only set-up in dependence of a programmable logic control (PLC).

Since the complete control contact section is lagging the power contact section when plugging, there is a large number of different electrical locking possibilities by using different pairs of control contacts.



Amp.	32
Poles	4
b	66,5
c	5
d	96
e	95
f	154
l	47,5
n	176
u	96
v	7
M	20/25

Wall socket,
internal fixing,
2 knock-out cable entries on top and bottom,
IP 67 💧💧

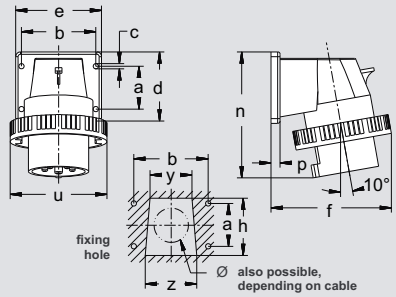


Amp.	32
Poles	4
d	150-161
Ø e	Ø 65
m	111
n	36,5
Ø u	Ø 81
Ø p	10 - 22,5

Plug, with screw terminal connection
with cable gland, IP 67 💧💧

or

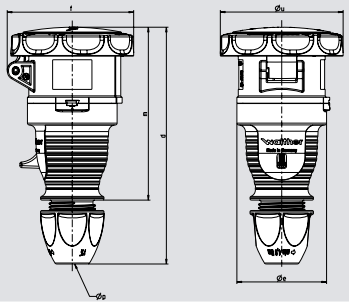
Plug, screwless („SL“),
with insulation displacement connection,
with cable gland, IP 67 💧💧



Amp.	32
Poles	4
a	45
b	78
c	5,5
d	75
e	90
f	111
h	60
n	131
p	9,5
u	96
y	44
z	54

fixing dimensions = a + b,
flange dimensions = d + e

Panel mount appliance inlet, angled,
screwed flange enclosure,
IP 67 💧💧

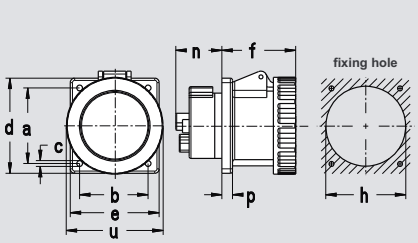


Amp.	32
Poles	4
d	174-183
Ø e	Ø 72
f	95
m	142
Ø u	Ø 95
Ø p	10 - 22,5

Coupler, with screw terminal connection,
with cable gland, IP 67 💧💧

or

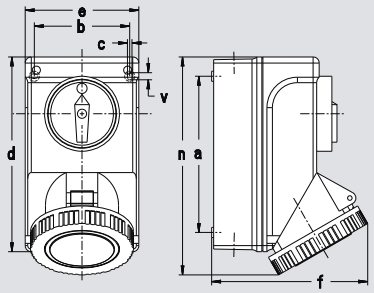
Coupler, screwless („SL“),
with insulation displacement connection,
with cable gland, IP 67 💧💧



Amp.	32
Poles	4
a	60
b	60
c	5,5
d	75
e	75
f	65
h	60
n	27
p	9
u	96

fixing dimensions = a + b,
flange dimensions = d + e

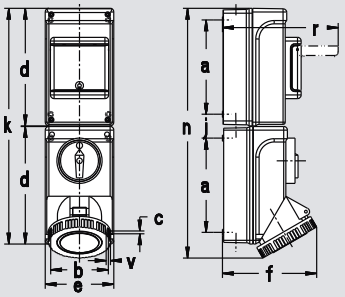
Panel socket, straight,
fingerproof acc. to BGV A3,
IP 67 💧💧



Amp.	32
Poles	4
a	154
b	94
c	4,5
d	193
e	113
f	154
n	215
v	7
M	25

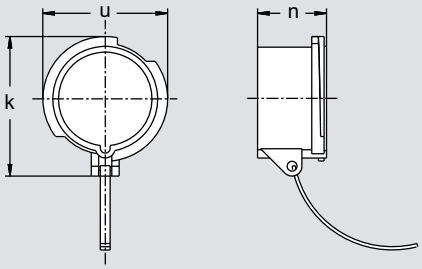
Wall socket,
with switch and double interlocking,
with 3-pole switch,
IP 67 💧💧

Ampère	Poles	400 - 440 V 50 - 60 Hz 4-pole 3 h Part numbers		4 3 P + E
32	4	**139 403**	5	 139403
32	4	**239 403**	10	 239
32	4	**239 403 SL**	10	
32	4	**639 403**	10	 639403
32	4	**339 403**	10	 339403
32	4	**339 403 SL**	10	
32	4	**439 403**	10	 439403
32	4	**AT 139 403**	1	 AT139403



Amp.	32
Poles	4
a	154
b	94
c	4,5
d	193
e	113
f	154
j	39
k	387
n	409
r	191
v	7
M	20/25

Wall socket,
with switch and DIN-rail,
with double interlocking,
switch 3-pole,
IP 67



Amp.	32
Poles	4
a	90
b	50
u	82

Protective cap,
for plugs and appliance inlets,
with attachment kit,
IP 67

Ampère	Poles	400 - 440 V 50 - 60 Hz 4-pole 3 h		4 3 P + E
		Part numbers		
32	4	**AU 139 403 TS**	1	 AT139403
		633 400 for 32 A 4-pole	10	 633400

Container wall socket

Always 3-pole + ⏚ 3 h.
Two cable entries on top and bottom. Cover fixing screws made of stainless steel.

The worldwide network of container loading stations, whether in

- ships
- harbours
- airports
- warehouses
- railway stations

is the result of our globalisation.

Therefore the associated plugs and sockets are internationally standardised according to IEC 309-2/EN 60 309-2.

This includes:

- Plugs and sockets 3-pole + ⏚ 3 h, 400-440 V
- Nickel-plated contacts
- Highly heat resistant contact carriers
- Protection degree IP 67

Material Properties

Chemical resistance:

	PC/ABS	Polyamide	Rubber	Polyethylene	Polystyrene	PBT at 23°C	PBT at 60°C	Stainless steel (W 1.4301)
1. Hydrocarbons								
n-hexane	O	+	-	+	+	+	+	✧
four star petrol, containing aromatic chemicals	-	+	-	+	-	+	O	+
heating oil	O	+	O	+	O	+	+/O	+
gasoline f. cleaning purposes (free of aromatic chemicals)	O	+	O	O	O	+	O	+
benzol	-	+	-	+	-	+	-	+
naphtalene	-	+	-	+	O	+	O	✧
nitro benzol	-	+	-	O	-	O	O	✧
toluol	-	+	-	+	-	+	-	+
2. Alcohols								
ethyl alcohol, 96%	O	O	+	+	O	+	O	+
isopropanol	O	O	+	O	+	+	O	✧
phenol	-	-/Δ	-	+	O	-/Δ	-/Δ	O
glykol	O	O/Δ	+	+	+	O	-	✧
glycerine	O	+	+	+	+	+	+	+
3. Ketones								
acetone	-	+	+	+	-	+	-	+
methyl isobutyl cetone	-	+	-	O	-	+	O	✧
4. Acids (max. concentration)								
hydrochloric acid (20%)	+	-	O	+	+	O	-	-
nitric acid (10%)	+	-	O	O	O	+	O	+
phosphoric acid (30%)	+	-	+	+	+	+	O	+
sulfuric acid (30%)	+	-	+	+	+	O	-	O
citric acid (10%)	+	+	+	+	+	+	O	+
lactic acid (10%)	+	+	+	+	+	+	+	+
acetic acid (10%)	+	O	-	+	+	+	O	+
oleic acid	-	+	-	+	+	+	O	O
5. Bases								
aniline	-	O	-	+	-	O	-	+
sodium hydroxide (10%)	-	+	+	+	+	O	-	✧
ammonia solution, diluted	-	+	+	+	+	O	-	+
6. Halogenes								
bromine	-	-	-	-	-	✧	✧	-
chlorine	-	-	-	+	-	✧	✧	O
iodine	-	-	+	+	O	✧	✧	O
7. Oils, greases								
soybean oil	-	+	-	+	+	+	+	+
olive oil	-	+	-	+	+	+	+	+
lard	-	+	-	+	+	+	+	+
butter	-	+	-	+	+	+	+	+
8. Salt solutions								
potassium carbonate, saturated	-	+	+	O	+	+	O	+
sodium thiosulfate	+	+	+	+	+	+	O	+
sodium hypochloride	+	-	-	O	+	+	+	O
sea water	+	+	+	+/O	+	+	+	+
9. Detergents								
curd soap solution, 2%	+	+	O	+	+	+	+	+
washing powder, e.g. “Persil”	O	+	+	+	+	+	+	+
cleaning agent, e.g. “Dor”	+	+	O	+/O	+	✧	✧	+
10. Other media								
diethyl ether	-	+	-	+	-	+	O	✧
urea	+	O	+	+	+	✧	✧	+
trichloric ethylene	-	O	-	+	-	O	-	+
hydrogen superoxide, 30	+	O	-	O	+	+	O	O

\+ = resistant
O = resistant to a limited extent
\- = not resistant
Δ = soluable
✧ = no test results available yet

Protection degrees

IEC/EN 60 529, VDE 0470 T1:
The type of protection is indicated by the IP code.
IP = International Protection

Component Code letters	Digits or letters IP	Meaning for the protection of **operational equipment**	Meaning for the protection of **persons**
First digit		Protection against ingress of solid foreign objects	Against access to dangerous parts with:
	0	*(not protected)*	*(not protected)*
	1	≥ 50 mm diameter	back of the hand
	2	≥12,5 mm diameter	finger
	3	≥ 2,5 mm diameter	tool
	4	≥ 1,0 mm diameter	wire
	5	dust protected	wire
	6	dust proof	wire
Second digit		Protection against harmful effects due to the ingress of water	
	0	*(not protected)*	
	1	vertically dripping water	
	2	dripping (15° angle)	
	3	spray water	
	4	splash water	
	5	water jets	
	6	powerful water jets	
	7	temporary immersion	
	8	continuous immersion	

Source: IEC/EN 60 529, VDE 0470 T1

Note:

According to the standard IEC/EN 60 309, CEEtyp plugs and sockets have the following **protection degrees:**

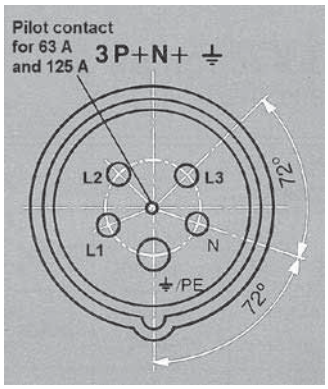
16 - 63 A: IP 44 and IP 67

125 A: only IP 67

CEE clock

Voltage systems with voltages over 50 V must have an earthing contact. The earthing contact, the phases and a neutral - if any - are arranged in a circle. The earthing contact has the largest diameter.

The diameter of the earthing contact is dimensioned in a way to prevent insertion into the insulated through holes of the phases and a possibly available neutral contact.



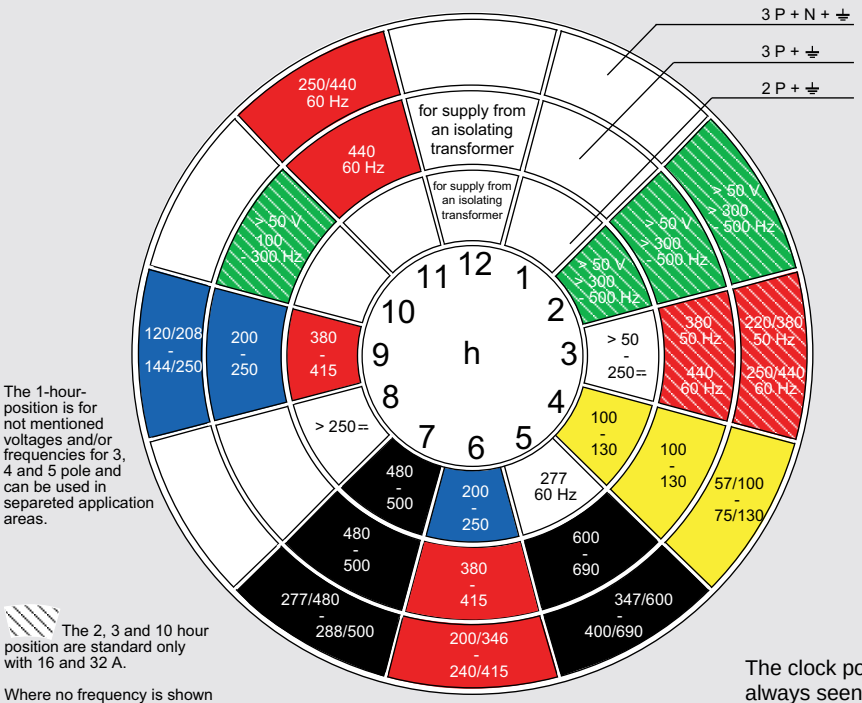
Arrangement of contact sleeves and terminal markings at 6 h position

The earth contact sleeve has the shortest distance to the plugging surface. Thus the protective earth connection is pre-mating to the voltage-carrying contacts when inserting a plug into a socket, and lagging when withdrawing the plug. Or, in other words, the earth contact makes first and breaks last.

Sockets have a keyway at 6 h position (when looking into the socket from the front).

The position of the earth contact sleeve in relation to this keyway indicates the coded voltage. The coded voltage may only be pre-set by the manufacturer. Furthermore it must not be possible to install a plug insert into a socket or a coupler.

WALTHER CEE clock



The 1-hour-position is for not mentioned voltages and/or frequencies for 3, 4 and 5 pole and can be used in separeted application areas.

The 2, 3 and 10 hour position are standard only with 16 and 32 A.

Where no frequency is shown the standard 50-60 Hz applies

The clock positions are always seen from the mating side of the socket.

If the earthing-contact-coded voltage is colour-coded, then the colours as indicated in IEC/EN 60 309-1, table 2, have to be used.

Rated operating voltage V	Colour
20 to 25	violet
40 to 50	white
100 to 130	yellow
200 to 250	blue
380 to 480	red
500 to 690	black

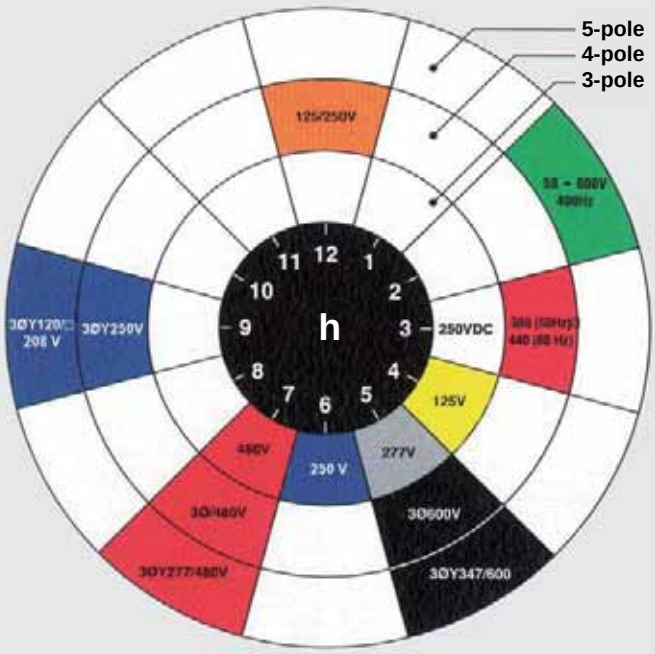
Source: IEC/EN 60 309-1, table 2

[1] For frequencies over 60 Hz up to 500 Hz, the colour green may - if necessary - also be used in connection with the code for the nominal operating voltage.

[2] In countries where devices of series II are used, the colour orange is reserved for 125/250 V~ AC and the grey is reserved for 277 V~ AC.

Walther CEE clock acc. to IEC 309-2 and UL 1686

(clock positions seen from the mating side of the socket)



North American Rating
Voltage AC (Except where noted)

Article I: General Provisions

1. Legal relations between Supplier and Purchaser in connection with supplies and/or Services of the Supplier (hereinafter referred to as „Supplies“) shall be solely governed by the present GL. The Purchaser‘s general terms and conditions shall apply only if expressly accepted by the Supplier in writing. The scope of delivery shall be determined by the congruent mutual written declarations.

2. The Supplier herewith reserves any industrial property rights and/or Copyrights pertaining to its cost estimates, drawings and other documents (hereinafter referred to as “Documents”). The Documents shall not be made accessible to third parties without the Supplier‘s prior consent and shall, upon request, be returned without undue delay to the Supplier if the contract is not awarded to the Supplier. Sentences 1 and 2 shall apply mutatis mutandis to the Purchaser‘s Documents; these may, however, be made accessible to those third parties to whom the Supplier has rightfully subcontracted Supplies.

3. The Purchaser has the non-exclusive right to use standard software and firmware, provided that it remains unchanged, is used within the agreed performance parameters, and on the agreed equipment. Without express agreement the Purchaser may make one back-up copy of standard software.

4. Partial deliveries are allowed, unless they are unreasonable to accept for the Purchaser.

5. The term „Claim for damages“ used in the present GL also includes Claims for indemnification for useless expenditure.

Article II: Prices, Terms of Payment, and Set-Off

1. Prices indicated in the trade price list are gross prices per unit in EURO ex works and exclude packaging; value added tax shall be added at the then applicable rate. We reserve the right to invoice prices as valid on the day of shipment.

2. Packaging will be charged at cost. Reusable boxes, frames etc. will be credited at two thirds of the invoiced amount by us in case of carriage paid return. According to law the German Supplier is associated with a packaging re-using system on the territory of the Federal Republic of Germany which disposes the packaging at the location of the commercial enterprises, agencies, manufacturers and craftsmen of the German electrical industry. The name of the disposal association is indicated on the packaging. The disposal system can be used by the German Purchaser. The Purchaser gets information on this system from the supplier.

3. Delivery dates will be fixed to the best knowledge, but are without guarantee. Any claims due to delays in delivery will not be accepted.

4. Payments have to be made in EURO within the agreed period free paying point of the supplier. Bank charges, especially for payments from foreign countries, have to be paid by the customer.

5. The Purchaser may set off only those claims that are undisputed or against which no legal recourse is possible.

Article III: Retention of Title

1. The items pertaining to the Supplies („Retained Goods“) shall remain the Supplier‘s property until each and every claim the Supplier has against the Purchaser on account of the business relationship has been fulfilled. If the combined value of the Supplier‘s security interests exceeds the value of all secured claims by more than 20 %, the Supplier shall release a corresponding part of the security interest if so requested by the Purchaser; the Supplier shall be entitled to choose which security interest it wishes to release.

2. For the duration of the retention of title, the Purchaser may not pledge the Retained Goods or use them as security, and resale shall be possible only for resellers in the ordinary course of their business and only on condition that the reseller receives payment from its customer or makes the transfer of property to the customer dependent upon the customer fulfilling its obligation to effect payment.

3. Should Purchaser resell Retained Goods, it assigns to the Supplier, already today, all Claims it will have against its customers out of the resale, including any collateral rights and alt balance Claims, as security, without any subsequent declarations to this effect being necessary. If the Retained Goods are sold on together with other items and no individual price has been agreed with respect to the Retained Goods, Purchaser shall assign to the Supplier such fraction of the total price claim as is attributable to the price of the Retained Goods invoiced by Supplier.

4. a) Purchaser may process, amalgamate or combine Retained Goods with other items. Processing is made for Supplier. Purchaser shall store the new item thus created for Supplier, exercising the due care of a diligent business person. The new items are considered as Retained Goods.

   b) Already today, Supplier and Purchaser agree that if Retained Goods are combined or amalgamated with other items that are not the property of Supplier, Supplier shall acquire co-ownership in the new item in proportion of the value of the Retained Goods combined or amalgamated to the other items at the time of combination or amalgamation. In this respect, the new items are considered as Retained Goods.

   c) The provisions on the assignment of claims according to No. 3 above shall also apply to the new item. The assignment, however, shall only apply to the amount corresponding to the value invoiced by Supplier for the Retained Goods that have been processed, combined or amalgamated.

   d) Where Purchser combines Retained Goods with real estate or movable goods, it shall, without any further declaration being necessary to this effect, also assign to Supplier as security its Claim to consideration for the combination, including all collateral rights for the prorata amount of the value the combined Retained Goods have on the other combined items at the time of the combination.

5. Until further notice, Purchaser may collect assigned claims relating to the resale. Supplier is entitled to withdraw Purchaser‘s permission to collect funds for good reason, including, but not limited to delayed payment, suspension of payments, start of insolvency proceedings, protest or justified indications for overindebtedness or pending insolvency of Purchaser. In addition, Supplier may, upon expiry of an adequate period of notice disclose the assignment, realize the claims assigned and demand that Purchaser informs its customer of the assignment.

6. The Purchaser shall inform the Supplier forthwith of any seizure or other act of intervention by third parties. If a reasonable interest can be proven, Purchaser shall, without undue delay, provide Supplier with the information and/or Documents necessary to assert the claims it has against its customers.

7. Where the Purchaser fails to fulfill its duties, fails to make payment due, or otherwise violates its obligations the Supplier shall be entitled to rescind the contract and take back the Retained Goods in the case of continued failure following expiry of a reasonable remedy period set by the Supplier; the statutory provisions providing that a remedy period is not needed shall be unaffected. The Purchaser shall be obliged to return the Retained Goods. The fact that the Supplier takes back Retained Goods and/or exercises the retention of title, or has the Retained Goods seized, shall not be construed to constitute a rescission of the contract, unless the Supplier so expressly declares.

Article IV: Time for Supplies; Delay

1. Times set for Supplies shall only be binding if all Documents to be furnished by the Purchaser, necessary permits and approvals, especially concerning plans, are received in time and if agreed terms of payment and other obligations of the Purchaser are fulfilled. If these conditions are not fulfilled in time, times set shall be extended reasonably; this shall not apply if the Supplier is responsible for the delay.

2. If non-observance of the times set is due to:

   a) force majeure, such as mobilization, war, terror attacks, rebellion or similar events (e. g. strike or lockout);

   b) virus attacks or other attacks on the Supplier’s IT Systems occurring despite protective measures were in place that complied with the principles of proper care;

   c) hindrances attributable to German, US or otherwise applicable national, EU or international rules of foreign trade law or to other circumstances for which Supplier is not responsible; or

   d) the fact that Supplier does not receive its own supplies in due time or in due form such times shall be extended accordingly.

3. If the Supplier is responsible for the delay (hereinafter referred to as „Delay“) and the Purchaser has demonstrably suffered a loss therefrom, the Purchaser may claim a compensation as liquidated damages of 0.5 % for every completed week of Delay, but in no case more than a total of 5 % of the price of that part of the Supplies which due to the Delay could not be put to the intended use.

4. Purchaser‘s claims for damages due to delayed Supplies as well as claims for damages in lieu of performance exceeding the limits specified in No. 3 above are excluded in all cases of delayed Supplies, even upon expiry of a time set to the Supplier to effect the Supplies. This shall not apply in cases of liability based on intent, gross negligence, or due to loss of life, bodily injury or damage to health. Rescission of the contract by the Purchaser based on Statute is limited to cases where the Supplier is responsible for the delay. The above provisions do not imply a change in the burden of proof to the detriment of the Purchaser.

5. At the Supplier‘s request, the Purchaser shall declare within a reasonable period of time whether it, due to the delayed Supplies, rescinds the contract or insists on the delivery of the Supplies.

6. If dispatch or delivery, due to Purchaser‘s request, is delayed by more than one month after notification of the readiness for dispatch was given, the Purchaser may be charged, for every additional month commenced, storage costs of 0.5 % of the

price of the items of the Supplies, but in no case more than a total of 5 %, The parties to the contract may prove that higher or, as the case may be, lower storage costs have been incurred.

Article V: Passing of Risk

1. Even where delivery has been agreed freight free, the risk shall pass to the Purchaser as follows:

   a. if the delivery does not include assembly or erection, at the time when it is shipped or picked up by the carrier. Upon the Purchaser's request, the Supplier shall insure the delivery against the usual risks of transport at the Purchaser's expense;
   b. if the delivery Includes assembly or erection, at the day of taking over in the Purchaser's own works or, if so agreed, after a successful trial run.

2. The risk shall pass to the Purchaser if dispatch, delivery, the start or performance of assembly or erection, the taking over in the Purchaser's own works, or the trial run is delayed for reasons for which the Purchaser is responsible or if the Purchaser has otherwise failed to accept the Supplies.

Article VI: Assembly and Erection

Unless otherwise agreed in written form, assembly and erection shall be subject to the following provisions:

1. Purchaser shall provide at its own expense and in due time:

   a) all earth and construction work and other ancillary work outside the Supplier's scope, including the necessary skilled and unskilled labor, construction materials and tools;

   b) the equipment and materials necessary for assembly and commissioning such as scaffolds, lifting equipment and other devices as well as fuels and lubricants;

   c) energy and water at the point of use including connections, heating and lighting;

   d) suitable dry and lockable rooms of sufficient size adjacent to the site for the storage of machine parts, apparatus, materials, tools, etc. and adequate working and recreation rooms for the erection personnel, including sanitary facilities as are appropriate in the specific circumstances; furthermore, the Purchaser shall take all measures it would take for the protection of its own possessions to protect the possessions of the Supplier and of the erection personnel at the site;

   e) protective clothing and protective devices needed due to particular conditions prevailing on the specific site.

2. Before the erection work starts, the Purchaser shall unsolicitedly make available any information required concerning the location of concealed electric power, gas and water lines or of similar Installations as well as the necessary structural data.

3. Prior to assembly or erection, the materials and equipment necessary for the work to start must be available on the site of assembly or erection and any preparatory work must have advanced to such a degree that assembly or erection can be started as agreed and carried out without interruption. Access roads and the site of assembly or erection must be level and clear.

4. If assembly, erection or commissioning is delayed due to circumstances for which the Supplier Is not responsible, the Purchaser shall bear the reasonable costs incurred for idle times and any additional traveling expenditure of the Supplier or the erection personnel»

5. The Purchaser shall attest to the hours worked by the erection personnel towards the Supplier at weekly intervals and the Purchaser shall immediately confirm in written form if assembly, erection or commissioning has been completed.

6. If, after completion, the Supplier demands acceptance of the Supplies, the Purchaser shall comply therewith within a period of two weeks. The same consequences as upon acceptance arise if and when the Purchaser lets the two- week period expire or the Supplies are put to use after completion of agreed test phases, if any.

7. Article VII: Special Custom-Made Products

CEEtyp Socket Combinations, Assemblies for Construction Sites, Power Distributors for Camping Sites, Fairgrounds and Market Places, Compact Transformer Stations, as well as Charging Stations (E-Station) and Wall boxes (E-BoxX) are special products, customized according to the Customer's request. Returns are generally excluded.

Article VIII: Receiving Supplies

The Purchaser shall not refuse to receive Supplies due to minor defects.

Article IX: Defects as to Quality

The Supplier shall be liable for defects as to quality („Sachmängel", hereinafter referred to as „Defects",) as follows:

1. Defective parts or defective services shall be, at the Supplier's discretion, repaired, replaced or provided again free of Charge, provided that the reason for the Defect had already existed at the time when the risk passed.

2. Claims for repair or replacement are subject to a statute of limitations of 12 months calculated from the start of the statutory statute of limitations; the same shall apply mutatis mutandis in the case of rescission and reduction. This shall not apply where longer periods are prescribed by law according to Sec. 438 para. 1 No. 2 (buildings and things used for a building). Sec. 479 para. 1 (right of recourse), and Sec. 634a para. 1 No. 2 (defects of a building) German Civil Code („Bürgerliches Gesetzbuch"), in the case of intent, fraudulent concealment of the Defect or non-compliance with guaranteed characteristics („Beschaffenheitsgarantie"). The legal provisions regarding suspension of the statute of limitations („Ablaufhemmung", „Hemmung") and recommencement of limitation periods shall be unaffected.

3. Notifications of Defect by the Purchaser shall be given in written form without undue delay.

4. In the case of notification of a Defect, the Purchaser may withhold payments to an amount that is in a reasonable Proportion to the Defect. The Purchaser, however, may withhold payments only if the subject-matter of the notification of the Defect involved is justified and incontestable. The Purchaser has no right to withhold payments to the extent that its claim of a Defect is time-barred, Unjustified notifications of Defect shall entitle the Supplier to demand reimbursement of its expenses by the Purchaser.

5. The Supplier shall be given the opportunity to repair or to replace the defective good ("Nacherfüllung") within a reasonable period of time.

6. If repair or replacement is unsuccessful, the Purchaser is entitled to rescind the contract or reduce the remuneration; any Claims for damages the Purchaser may have according to No. 10 shall be unaffected.

7. There shall be no claims based on Defect in cases of insignificant deviations from the agreed quality, of only minor impairment of usability, of natural wear and tear, or damage arising after the passing of risk from faulty or negligent handling, excessive strain, unsuitable equipment, defective civil works, inappropriate foundation soil, or claims based on particular external influences not assumed under the contract, or from non-reproducible Software errors. Claims based on defects attributable to improper modifications or repair work carried out by the Purchaser or third parties and the consequences thereof are likewise excluded.

8. The Purchaser shall have no claim with respect to expenses incurred in the course of supplementary performance, including costs of travel, transport, labor, and material, to the extent that expenses are increased because the subject- matter of the Supplies has subsequently been brought to another location than the Purchaser's branch office, unless doing so complies with the normal use of the Supplies.

9. The Purchaser's right of recourse against the Supplier pursuant to Sec. 478 BGB is limited to cases where the Purchaser has not concluded an agreement with its customers exceeding the scope of the statutory provisions governing Claims based on Defects. Moreover, No. 8 above shall apply mutatis mutandis to the scope of the right of recourse the Purchaser has against the Supplier pursuant to Sec. 478 para. 2 BGB.

10. The Purchaser shall have no Claim for damages based on Defects. This shall not apply to the extent that a Defect has been fraudulently concealed, the guaranteed characteristics are not complied with, in the case of loss of life, bodily injury or damage to health, and/or intentionally or grossly negligent breach of contract on the part of the Supplier. The above provisions do not imply a change in the burden of proof to the detriment of the Purchaser. Any other or additional claims of the Purchaser exceeding the claims provided for in this Article VIII, based on a Defect, are excluded.

Article X: Industrial Property Rights and Copyrights; Defects in Title

1. Unless otherwise agreed, the Supplier shall provide the Supplies free from third parties' industrial property rights and copyrights (hereinafter referred to as „IPR") with respect to the country of the place of delivery only. If a third party asserts a justified claim against the Purchaser based on an infringement of an IPR by the Supplies made by the Supplier and used in conformity with the contract, the Supplier shall be liable to the Purchaser within the time period stipulated in Article VIII No. 2 as follows:

   a) The Supplier shall choose whether to acquire, at its own expense, the right to use the IPR with respect to the Supplies concerned or whether to modify the Supplies such that they no longer infringe the IPR or replace them. If this would be impossible for the Supplier under reasonable conditions, the Purchaser may rescind the contract or reduce the remuneration pursuant to the applicable statutory provisions;

b) The Supplier's liability to pay damages is governed by Article XII;

c) The above obligations of the Supplier shall apply only if the Purchaser (i) immediately notifies the Supplier of any such claim asserted by the third party in written form, (ii) does not concede the existence of an infringement and (iii) leaves any protective measures and settlement negotiations to the Supplier's discretion. If the Purchaser stops using the Supplies in order to reduce the damage or for other good reason, it shall be obliged to point out to the third party that no acknowledgement of the alleged infringement may be inferred from the fact that the use has been discontinued.

2. Claims of Purchaser shall be excluded if it is responsible for the infringement of an IPR.

3. Claims of the Purchaser are also excluded if the infringement of the IPR is caused by specifications made by the Purchaser, by a type of use not foreseeable by the Supplier or by the Supplies being modified by the Purchaser or being used together with products not provided by the Supplier.

4. In addition, with respect to claims by the Purchaser pursuant to No. 1 a) above, Article VIII Nos. 4, 5, and 9 shall apply mutatis mutandis in the event of an infringement of an IPR.

5. Where other defects in title occur, Article XIII shall apply mutatis mutandis.

6. Any other claims of the Purchaser against the Supplier or its agents or any such claims exceeding the claims provided for in this Article IX, based on a defect in title, are excluded.

Article XI: Conditional Performance

1. The performance of this contract is conditional upon that no hindrances attributable to German, US or otherwise applicable national, EU or international rules of foreign trade law or any embargos or other sanctions exist.

2. The Purchaser shall provide any information and Documents required for export, transport and import purposes.

Article XII: Impossibility of Performance; Adaptation of Contract

1. To the extent that delivery is impossible, the Purchaser is entitled to claim damages, unless the Supplier is not responsible for the impossibility. The Purchaser's claim for damages is, however, limited to an amount of 10% of the value of the part of the Supplies which, owing to the impossibility, cannot be put to the intended use. This limitation shall not apply in the case of liability based on intent, gross negligence or loss of life, bodily injury or damage to health; this does not imply a change in the burden of proof to the detriment of the Purchaser. The Purchaser's right to rescind the contract shall be unaffected.

2. Where events within the meaning of Article IV No, 2 (a) to (c) substantially change the economic importance or the contents of the Supplies or considerably affect the Supplier's business, the contract shall be adapted taking into account the principles of reasonableness and good faith. To the extent this is not justifiable for economic reasons, the Supplier shall have the right to rescind the contract. The same applies if required export permits are not granted or cannot be used. If the Supplier intends to exercise its right to rescind the contract, it shall notify the Purchaser thereof without undue delay after having realized the repercussions of the event; this shall also apply even where an extension of the delivery period has previously been agreed with the Purchaser.

Article XIII: Other Claims for Damages

1. Unless otherwise provided for in the present GL, the Purchaser has no claim for damages based on whatever legal reason, including infringement of duties arising in connection with the contract or tort.

2. This does not apply if liability is based on:

   a. the German Product Liability Act ('Produkthaftungsgesetz');

   b. intent;

   c. gross negligence on the part of the owners, legal representatives or executives;

   d. fraud;

   e. failure to comply with a guarantee granted;

   f. negligent injury to life, limb or health; or

   g. negligent breach of a fundamental condition of contract ('wesentliche Vertragspflichten').

   However, claims for damages arising from a breach of a fundamental condition of contract shall be limited to the foreseeable damage which is intrinsic to the contract, provided that no other of the above case applies.

3. The above provision does not imply a change in the burden of proof to the detriment of the Purchaser.

Article XIV: Venue and Applicable law

1. If the Purchaser is a businessman, sole venue for all disputes arising directly or indirectly out of the contract shall be the Supplier's place of business. However, the Supplier may also bring an action at the Purchaser's place of business.

2. This contract and its interpretation shall be governed by German law, to the exclusion of the United Nations Convention on contracts for the International Sale of Goods (CISG).

Article XV: Severability Clause

The legal invalidity of one or more provisions of this Agreement in no way affects the validity of the remaining provisions. This shall not apply if it would be unreasonably onerous for one of the parties to be obligated to continue the contract.

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