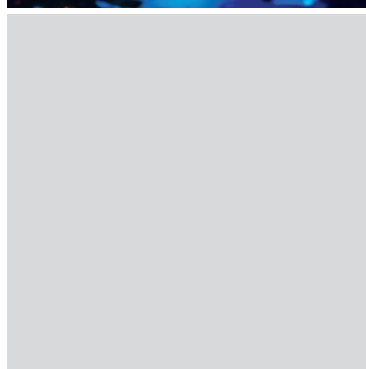
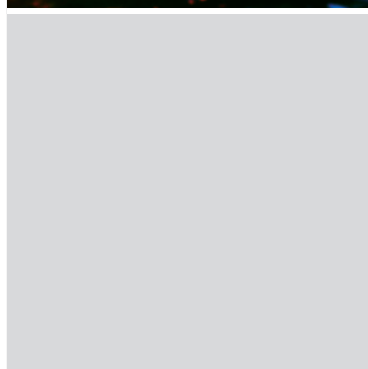
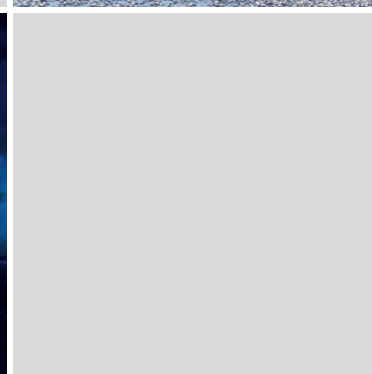
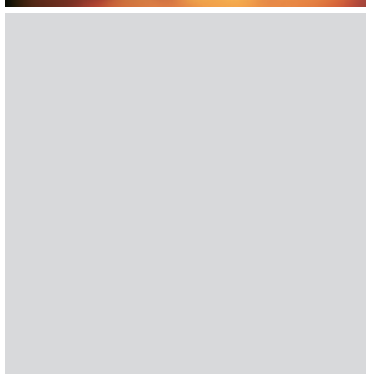
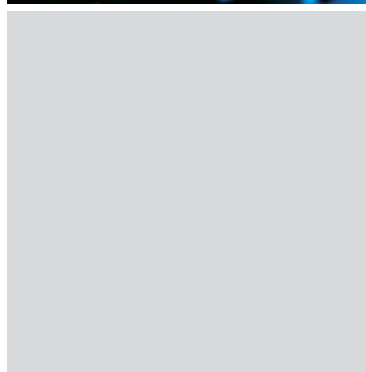
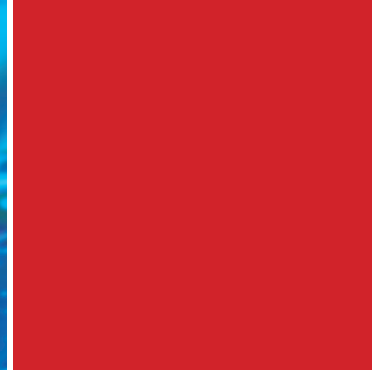




-  Plugs and Sockets
-  Industrial Connectors
-  E-Mobility
-  Power Distributors for Outside Areas

## CEEtyp Plugs and Sockets



**walther**  
Elektrotechnische Systeme

## 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.

**Update:**  
**[www.walther-werke.de](http://www.walther-werke.de)**

**walther**  
Elektrotechnische Systeme

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## Your WALTHER contact persons in Eisenberg

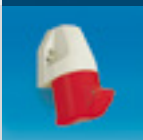
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|                                                                                              |                                                                                       |    |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----|
| <b>Company information</b>                                                                   |      | 1  |
| <b>Sockets</b><br>flush/surface mount                                                        |    | 2  |
| <b>Plugs</b>                                                                                 |    | 3  |
| <b>Couplers</b>                                                                              |    | 4  |
| <b>Panel sockets</b><br>also for cable duct installation                                     |    | 5  |
| <b>Mondo</b><br>also for cable duct installation                                             |    | 6  |
| <b>Wall sockets</b><br>switched / fused                                                      |    | 7  |
| <b>Light &amp; stage engineering</b><br>for entertainment industry<br>black enclosure colour |   | 8  |
| <b>7-pole plugs &amp; sockets</b>                                                            |  | 9  |
| <b>Socket combinations</b><br>and stainless steel pillars                                    |  | 10 |
| <b>AutoboxX</b><br>Consumer boxes                                                            |  | 11 |
| <b>Norvo plugs &amp; sockets</b><br>for extra low voltages<br>> 50 V                         |  | 12 |
| <b>CEPro plugs &amp; sockets</b><br>Power + control in one unit                              |  | 13 |
| <b>Container</b><br>plugs & sockets                                                          |  | 14 |
| <b>Manufacturer declarations</b>                                                             |  | 15 |



## Sockets Plugs Couplers



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



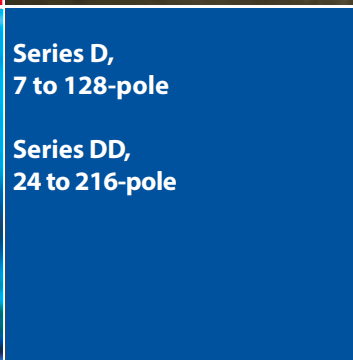
Wall sockets  
switched/  
fused  
  
Consumer boxes



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



Panel sockets  
CEPro plugs  
and sockets

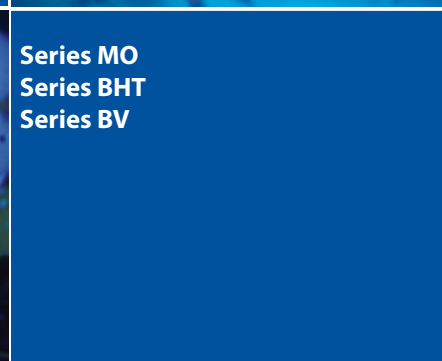


Series D,  
7 to 128-pole

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 nationwide charging 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 Walther 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 m<sup>2</sup> of production, administration and storage space, the headquarters in Eisenberg produces electrotechnical components and systems. On a further 5.000 m<sup>2</sup> 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](http://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



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



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

### Injection moulding machines

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



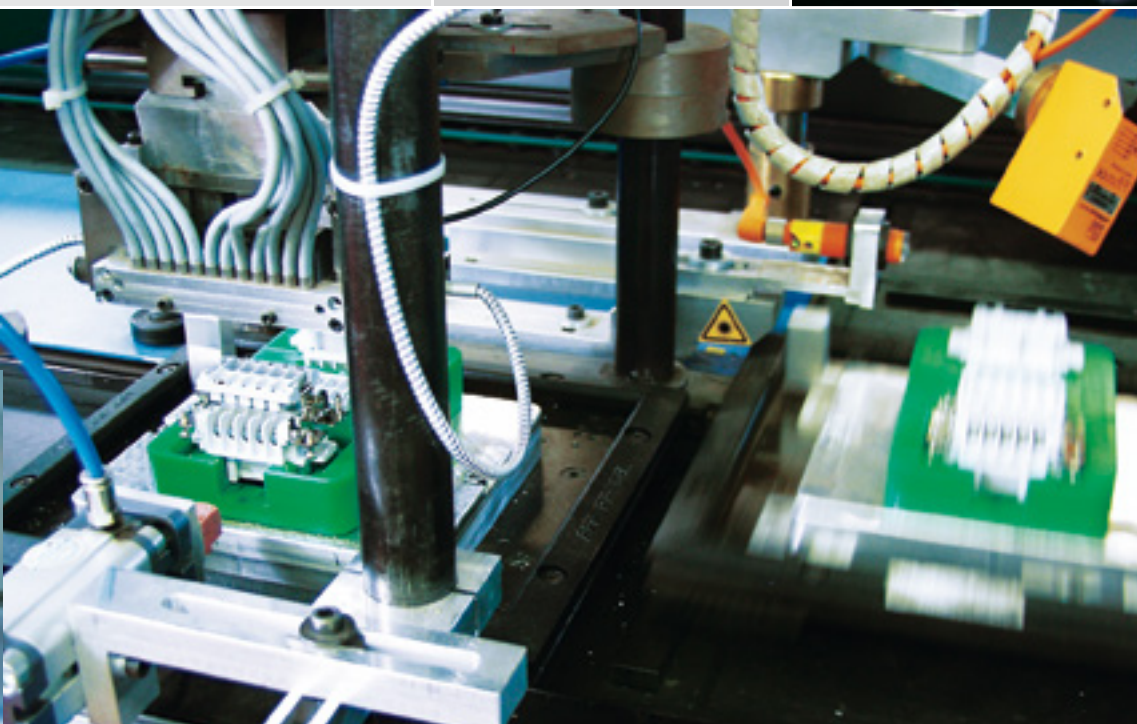
### Die-cast housings

Aluminium 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.



*Aluminium bars*



*Powder coating facility*

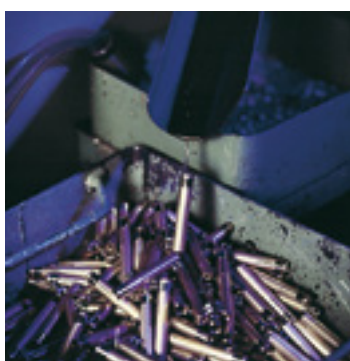


*Die-cast aluminium housings*



### Contacts

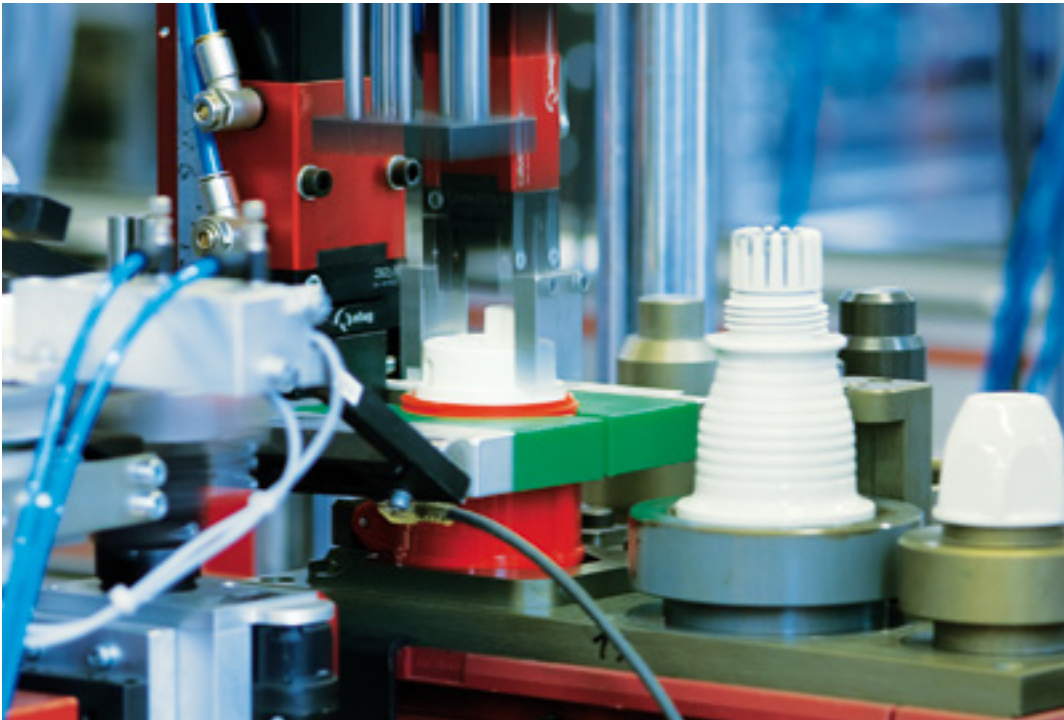
The heart of a plug and socket device are its contacts. Rotary transfer machines automatically control each contact. Pins and sleeves have to meet highest quality standards. This ensures constantly easy plugging and withdrawing over the years. Furthermore all contacts are equipped with open, captive 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 screw-drivers. 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*

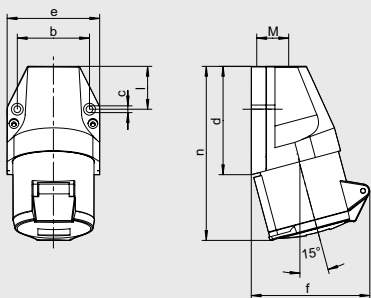


Jürgen R. Göpfert, the well-known industrial designer, gives WALTHER products their attractive, timeless design. Several awards from the Industry Forum Design in Hannover ("Good Industry Design IF") show that functionality and appealing design are absolutely compatible.

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



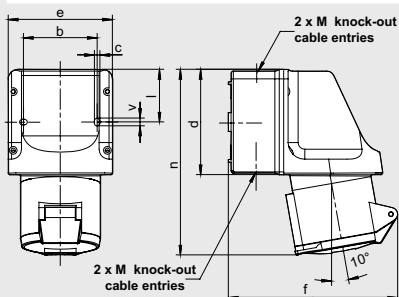
*CEE plug/coupler*



| 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** ▲

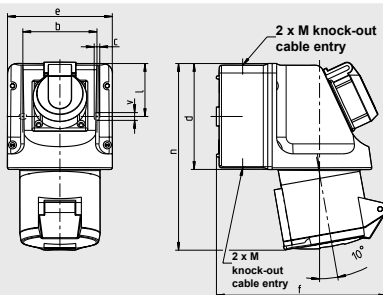
**Wall sockets with push-in terminals are the indicated part numbers with SL: SL: 110 SL and 130 SL**



| 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 |

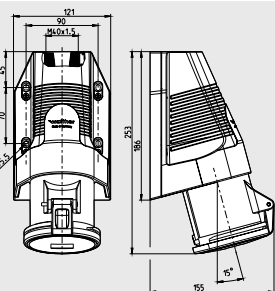
**Wall sockets, with screw terminals, internal fixing, 2 knockout cable entries on top and bottom, 1 knockout entry in the back wall, IP 44** ▲

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



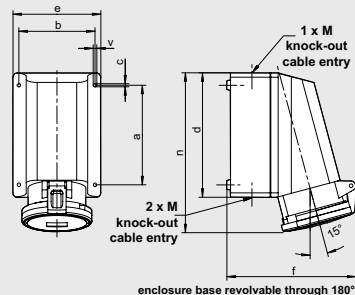
**Mini combinations, CEEtyp wall socket with Schuko socket, 16 A, 230 V, 2 P + E, IP 44** ▲  
2 cable entries on top and bottom, 1 knockout entry in the back wall

- 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



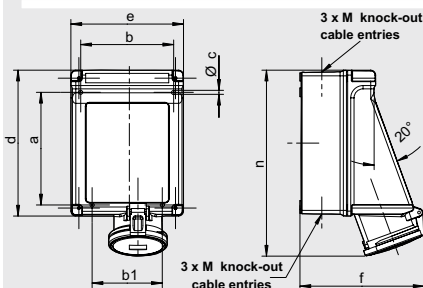
| Amp.  | 63  |     |     |
|-------|-----|-----|-----|
| Poles | 3   | 4   | 5   |
| a     | 136 | 136 | 136 |
| b     | 104 | 104 | 104 |
| c     | 4,2 | 4,2 | 4,2 |
| d     | 172 | 172 | 172 |
| e     | 121 | 121 | 121 |
| f     | 178 | 178 | 178 |
| n     | 220 | 220 | 220 |
| v     | 5   | 5   | 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<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|-------------------------------------------------------------------------------------|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>2h |                                                                                     |



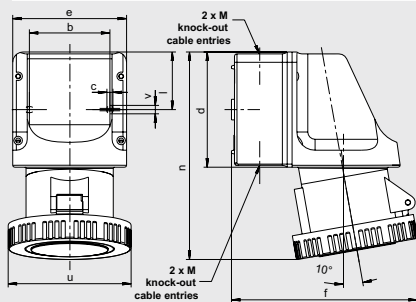
| Part numbers |   |         |  |  |                              |  |  |                                |  |  |         |  |  |         |  |  |         |  |  |       |
|--------------|---|---------|--|--|------------------------------|--|--|--------------------------------|--|--|---------|--|--|---------|--|--|---------|--|--|-------|
| 16           | 3 | 110 304 |  |  | <b>110 306</b>               |  |  | 110 309                        |  |  |         |  |  |         |  |  |         |  |  | 10/60 |
| 16           | 4 | 110 404 |  |  | 110 409                      |  |  | <b>110 406</b>                 |  |  | 110 407 |  |  | 110 410 |  |  | 110 402 |  |  | 10    |
| 16           | 5 | 110 504 |  |  | 110 509                      |  |  | <b>110</b>                     |  |  |         |  |  |         |  |  |         |  |  | 10/60 |
| 16           | 5 |         |  |  |                              |  |  | <b>110 Ni</b>                  |  |  |         |  |  |         |  |  |         |  |  | 10    |
| 16           | 5 |         |  |  |                              |  |  | <b>110 SL</b>                  |  |  |         |  |  |         |  |  |         |  |  | 10/60 |
| 32           | 3 | 130 304 |  |  | <b>130 306</b>               |  |  | 130 309                        |  |  |         |  |  |         |  |  |         |  |  | 10    |
| 32           | 4 | 130 404 |  |  | 130 409                      |  |  | <b>130 406</b>                 |  |  | 130 407 |  |  | 130 410 |  |  | 130 402 |  |  | 10    |
| 32           | 5 | 130 504 |  |  | 130 509                      |  |  | <b>130</b>                     |  |  |         |  |  |         |  |  |         |  |  | 10/60 |
| 32           | 5 |         |  |  |                              |  |  | <b>130 Ni</b>                  |  |  |         |  |  |         |  |  |         |  |  | 10/60 |
| 32           | 5 |         |  |  |                              |  |  | <b>130 SL</b>                  |  |  |         |  |  |         |  |  |         |  |  | 10/60 |
| 16           | 3 | 111 304 |  |  | <b>111 306</b>               |  |  | 111 309                        |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 16           | 4 | 111 404 |  |  | 111 409                      |  |  | <b>111 406</b>                 |  |  | 111 407 |  |  | 111 410 |  |  | 111 402 |  |  | 5     |
| 16           | 5 | 111 504 |  |  | 111 509                      |  |  | <b>111</b>                     |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 16           | 5 |         |  |  |                              |  |  | <b>111 Ni</b>                  |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 16           | 5 |         |  |  |                              |  |  | <b>111 SL</b>                  |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 32           | 3 | 131 304 |  |  | <b>131 306</b>               |  |  | 131 309                        |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 32           | 4 | 131 404 |  |  | 131 409                      |  |  | <b>131 406</b>                 |  |  | 131 407 |  |  | 131 410 |  |  | 131 402 |  |  | 5     |
| 32           | 5 | 131 504 |  |  | 131 509                      |  |  | <b>131</b>                     |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 32           | 5 |         |  |  |                              |  |  | <b>131 Ni</b>                  |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 32           | 5 |         |  |  |                              |  |  | <b>131 SL</b>                  |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 16           | 3 |         |  |  | <b>114 306</b>               |  |  |                                |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 16           | 3 |         |  |  | <b>115 306</b> <sup>2)</sup> |  |  |                                |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 32           | 3 |         |  |  | <b>134 306</b> <sup>3)</sup> |  |  |                                |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 32           | 3 |         |  |  | <b>135 306</b> <sup>2)</sup> |  |  |                                |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 16           | 5 |         |  |  |                              |  |  | <b>114</b>                     |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 16           | 5 |         |  |  |                              |  |  | <b>114 UV</b> <sup>1)</sup>    |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 16           | 5 |         |  |  |                              |  |  | <b>115</b> <sup>2)</sup>       |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 16           | 5 |         |  |  |                              |  |  | <b>115 Ni</b>                  |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 32           | 5 |         |  |  |                              |  |  | <b>134</b> <sup>3)</sup>       |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 32           | 5 |         |  |  |                              |  |  | <b>134 UV</b> <sup>1, 3)</sup> |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 32           | 5 |         |  |  |                              |  |  | <b>135 Ni</b>                  |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 32           | 5 |         |  |  |                              |  |  | <b>135</b> <sup>2)</sup>       |  |  |         |  |  |         |  |  |         |  |  | 5     |
| 63           | 3 | 160 304 |  |  | <b>160 306</b>               |  |  | 160 309                        |  |  |         |  |  |         |  |  |         |  |  | 2     |
| 63           | 4 | 160 404 |  |  | 160 409                      |  |  | <b>160 406</b>                 |  |  | 160 407 |  |  | 160 410 |  |  | 160 402 |  |  | 2     |
| 63           | 5 | 160 504 |  |  | 160 509                      |  |  | <b>160</b>                     |  |  |         |  |  |         |  |  |         |  |  | 2     |
| 63           | 3 | 161 304 |  |  | <b>161 306</b>               |  |  | 161 309                        |  |  |         |  |  |         |  |  |         |  |  | 2     |
| 63           | 4 | 161 404 |  |  | 161 409                      |  |  | <b>161 406</b>                 |  |  | 161 407 |  |  | 161 410 |  |  | 161 402 |  |  | 2     |
| 63           | 5 | 161 504 |  |  | 161 509                      |  |  | <b>161</b>                     |  |  |         |  |  |         |  |  |         |  |  | 2     |
| 63           | 3 | 163 304 |  |  | <b>163 306</b>               |  |  | 163 309                        |  |  |         |  |  |         |  |  |         |  |  | 1     |
| 63           | 4 | 163 404 |  |  | 163 409                      |  |  | <b>163 406</b>                 |  |  | 163 407 |  |  | 163 410 |  |  | 163 402 |  |  | 1     |
| 63           | 5 | 163 504 |  |  | 163 509                      |  |  | <b>163</b>                     |  |  |         |  |  |         |  |  |         |  |  | 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





| 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 |

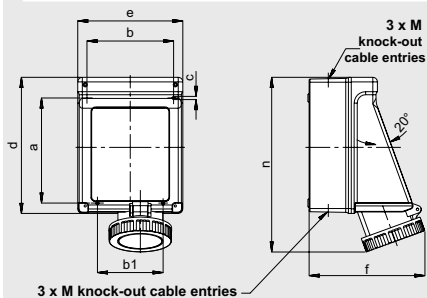
#### Wall sockets,

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 |

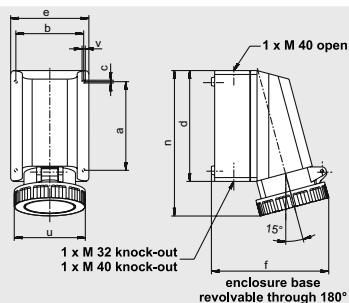
#### Wall sockets,

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,

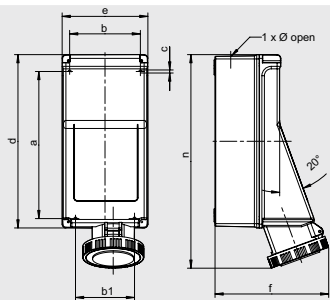
internal fixing,

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,

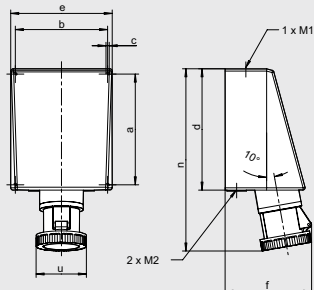
internal fixing,

top cable entry:

1 x M 50,

terminal block set 3, 4 and 5 x 50 mm<sup>2</sup>,

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 mm<sup>2</sup>,

**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<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|--|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>2h |  |

| Part numbers |   |            |                   |                   |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  |   |
|--------------|---|------------|-------------------|-------------------|------------|------------|------------|--|--|--|--|--|--|--|--|--|--|--|--|---|
| 16           | 3 | 119 304    | <b>119 306</b>    | 119 309           |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 5 |
| 16           | 4 | 119 404    | 119 409           | <b>119 406</b>    | 119 407    | 119 410    | 119 402    |  |  |  |  |  |  |  |  |  |  |  |  | 5 |
| 16           | 5 | 119 504    | 119 509           | <b>119</b>        |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 5 |
| 32           | 3 | 139 304    | <b>139 306</b>    | 139 309           |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 5 |
| 32           | 4 | 139 404    | 139 409           | <b>139 406</b>    | 139 407    | 139 410    | 139 402    |  |  |  |  |  |  |  |  |  |  |  |  | 5 |
| 32           | 5 | 139 504    | 139 509           | <b>139</b>        |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 5 |
| 63           | 3 | 168 304    | <b>168 306</b>    | 168 309           |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 63           | 4 | 168 404    | 168 409           | <b>168 406</b>    | 168 407    | 168 410    | 168 402    |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 63           | 5 | 168 504    | 168 509           | <b>168</b>        |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 63           | 3 | 169 304    | <b>169 306</b>    | 169 309           |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| 63           | 4 | 169 404    | 169 409           | <b>169 406</b>    | 169 407    | 169 410    | 169 402    |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| 63           | 5 | 169 504    | 169 509           | <b>169</b>        |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| 125          | 3 | 178 304    | <b>178 306</b>    | 178 309           |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 125          | 4 | 178 404    | 178 409           | <b>178 406</b>    | 178 407    | 178 410    | 178 402    |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 125          | 5 | 178 504    | 178 509           | <b>178</b>        |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 125          | 3 | 178 304 OK | <b>178 306 OK</b> | 178 309 OK        |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 125          | 3 | 179 304    | <b>179 306</b>    | 179 309           |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 125          | 4 | 179 404    | 179 409           | <b>179 406</b>    | 179 407    | 179 410    | 179 402    |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 125          | 5 | 179 504    | 179 509           | <b>179</b>        |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 125          | 3 | 179 304 OK | <b>179 306 OK</b> | 179 309 OK        |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 125          | 4 | 179 404 OK | 179 409 OK        | <b>179 406 OK</b> | 179 407 OK | 179 410 OK | 179 402 OK |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 125          | 5 | 179 504 OK | 179 509 OK        | <b>179 OK</b>     |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  | 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.

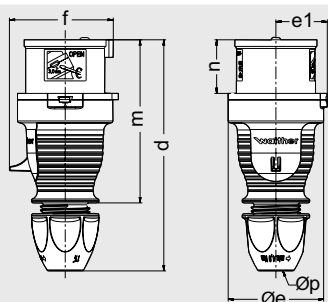
The here listed 63 A + 125 A wall sockets are also available with **pilot contact**. To order them, simply add a "P" behind the standard part number.

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

# Plugs

- screwless
- with screw terminals

3



| 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 |

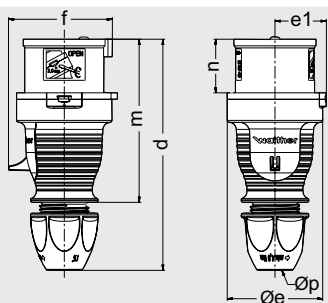
**Screwless plugs, with insulation displacement connection,**  
with exterior cable gland,  
IP 44 ▲

Conductor cross sections:

16 A: 1 - 2,5 mm<sup>2</sup> / 32 A: 2,5 - 6 mm<sup>2</sup>

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 |

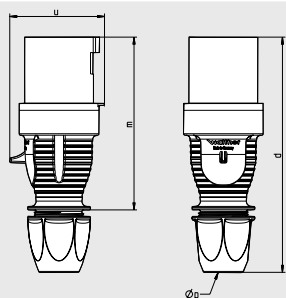
**Plugs, screw terminal connection,**  
with exterior cable gland,  
IP 44 ▲

Conductor cross sections:

16 A: 1 - 2,5 mm<sup>2</sup> / 32 A: 2,5 - 6 mm<sup>2</sup>

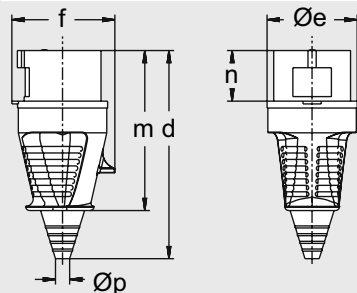
Cable diameters:

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



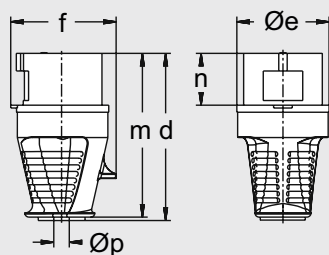
| Amp.  | 63    |       |       |
|-------|-------|-------|-------|
| Poles | 3     | 4     | 5     |
| d     | 246   | 246   | 246   |
| u     | 95    | 95    | 95    |
| m     | 174   | 174   | 174   |
| Øp    | 14-33 | 14-33 | 14-33 |

**Plugs, screw terminal connection,**  
with exterior cable gland,  
IP 44 ▲



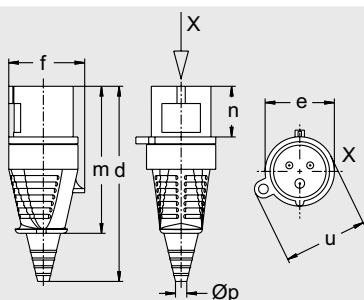
| Amp.  | 16   | 63    |       |       |
|-------|------|-------|-------|-------|
| Poles | 3    | 3     | 4     | 5     |
| d     | 143  | 252   | 252   | 252   |
| Øe    | 51   | 81    | 81    | 81    |
| f     | 60   | 97    | 97    | 97    |
| m     | 108  | 192   | 192   | 192   |
| n     | 37   | 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 ▲



| Ampère | Poles | 110 V<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|--|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>2h |  |



Part numbers

|    |   |            |                   |                   |            |            |            |       |  |
|----|---|------------|-------------------|-------------------|------------|------------|------------|-------|--|
| 16 | 4 | 210 404 SL | 210 409 SL        | <b>210 406 SL</b> | 210 407 SL | 210 410 SL | 210 402 SL | 10/60 |  |
| 16 | 5 | 210 504 SL | 210 509 SL        | <b>210 SL</b>     |            |            |            | 10/60 |  |
| 32 | 3 | 230 304 SL | <b>230 306 SL</b> | 230 309 SL        |            |            |            | 10/60 |  |
| 32 | 4 | 230 404 SL | 230 409 SL        | <b>230 406 SL</b> | 230 407 SL | 230 410 SL | 230 402 SL | 10/60 |  |
| 32 | 5 | 230 504 SL | 230 509 SL        | <b>230 SL</b>     |            |            |            | 10/60 |  |
|    |   |            |                   |                   |            |            |            |       |  |
| 16 | 4 | 210 404    | 210 409           | <b>210 406</b>    | 210 407    | 210 410    | 210 402    | 10    |  |
| 16 | 5 | 210 504    | 210 509           | <b>210</b>        |            |            |            | 10/60 |  |
| 32 | 3 | 230 304    | <b>230 306</b>    | 230 309           |            |            |            | 10    |  |
| 32 | 4 | 230 404    | 230 409           | <b>230 406</b>    | 230 407    | 230 410    | 230 402    | 10    |  |
| 32 | 5 | 230 504    | 230 509           | <b>230</b>        |            |            |            | 10/60 |  |
|    |   |            |                   |                   |            |            |            |       |  |
| 63 | 3 | 262 304    | <b>262 306</b>    | 262 309           |            |            |            | 5     |  |
| 63 | 4 | 262 404    | 262 409           | <b>262 406</b>    | 262 407    | 262 410    | 262 402    | 5     |  |
| 63 | 5 | 262 504    | 262 509           | <b>262</b>        |            |            |            | 5     |  |
| 63 | 5 |            |                   | <b>262 Ni</b>     |            |            |            | 5     |  |
|    |   |            |                   |                   |            |            |            |       |  |
|    |   |            |                   |                   |            |            |            |       |  |
| 16 | 3 | 210 304    | <b>210 306</b>    | 210 309           |            |            |            | 10    |  |
| 16 | 5 |            |                   | <b>210 Ni</b>     |            |            |            | 10    |  |
| 32 | 5 |            |                   | <b>230 Ni</b>     |            |            |            | 10    |  |
| 63 | 3 | 260 304    | <b>260 306</b>    | 260 309           |            |            |            | 5     |  |
| 63 | 4 | 260 404    | 260 409           | <b>260 406</b>    | 260 407    | 260 410    | 260 402    | 5     |  |
| 63 | 5 | 260 504    | 260 509           | <b>260</b>        |            |            |            | 5     |  |
| 63 | 5 |            |                   | <b>260 Ni</b>     |            |            |            | 5     |  |
|    |   |            |                   |                   |            |            |            |       |  |
|    |   |            |                   |                   |            |            |            |       |  |
| 16 | 3 | 215 304    | <b>215 306</b>    | 215 309           |            |            |            | 10    |  |
|    |   |            |                   |                   |            |            |            |       |  |
|    |   |            |                   |                   |            |            |            |       |  |
| 16 | 3 | 212 304    | <b>212 306</b>    | 212 309           |            |            |            | 10    |  |
|    |   |            |                   |                   |            |            |            |       |  |
|    |   |            |                   |                   |            |            |            |       |  |

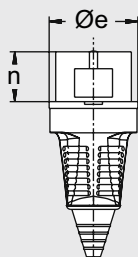
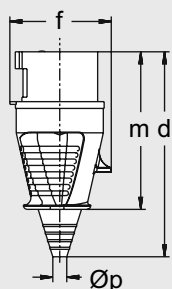
Availability of blue printed (or not listed) frequencies and voltages up to 690 V on request!

## Plugs

- screwless

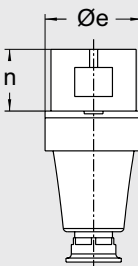
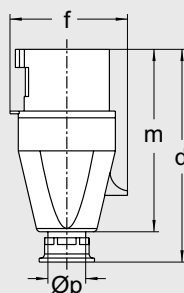
- with screw terminals

3



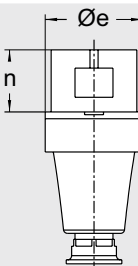
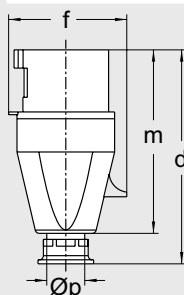
| Amp.  | 16   | 32    |
|-------|------|-------|
| Poles | 5    | 5     |
| d     | 153  | 181   |
| Øe    | 65   | 72    |
| f     | 75   | 88    |
| m     | 117  | 138   |
| n     | 37   | 46    |
| Øp    | 8/21 | 11/24 |

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



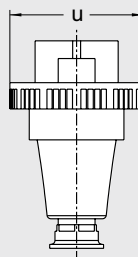
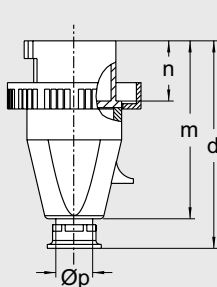
| Amp.  | 16         | 32        |
|-------|------------|-----------|
| Poles | 5          | 5         |
| d     | 131        | 155       |
| Øe    | 65         | 73        |
| f     | 75         | 88        |
| m     | 112        | 133       |
| n     | 37         | 46        |
| Øp    | 7,5 - 14,5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

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



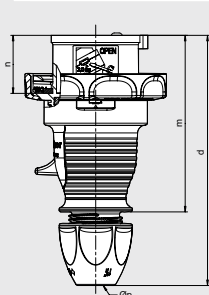
| Amp.  | 16       |          |          | 32      |         |         | 63      |         |         |
|-------|----------|----------|----------|---------|---------|---------|---------|---------|---------|
| Poles | 3        | 4        | 5        | 3       | 4       | 5       | 3       | 4       | 5       |
| 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 ●●

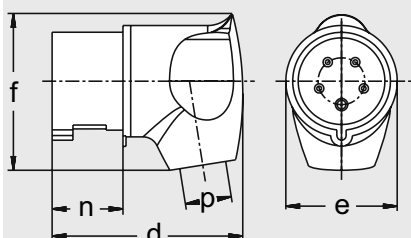


| Amp.  | 16       | 16       | 32      | 32      |
|-------|----------|----------|---------|---------|
| Poles | 4        | 5        | 3 / 4   | 5       |
| d     | 150-161  | 150-161  | 174-183 | 174-183 |
| Øe    | Ø 65     | Ø 65     | Ø 72    | Ø 72    |
| m     | 111      | 111      | 127     | 127     |
| n     | 36,5     | 36,5     | 45,5    | 45,5    |
| Øu    | Ø 81     | Ø 89     | Ø 95    | Ø 100   |
| Øp    | 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<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|-------------------------------------------------------------------------------------|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>2h |                                                                                     |



| Part numbers                                                                                                                                                                                 |   |         |  |  |                |  |  |                  |  |  |         |  |  |         |         |         |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------|--|--|----------------|--|--|------------------|--|--|---------|--|--|---------|---------|---------|--|-------|--|
| 16                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>210 PH</b>    |  |  |         |  |  |         |         |         |  | 10    |  |
| 16                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>210 PH Ni</b> |  |  |         |  |  |         |         |         |  | 10    |  |
| 32                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>230 PH</b>    |  |  |         |  |  |         |         |         |  | 10    |  |
| 32                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>230 PH Ni</b> |  |  |         |  |  |         |         |         |  | 10    |  |
| 16                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>211 PH</b>    |  |  |         |  |  |         |         |         |  | 10    |  |
| 16                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>211 PH Ni</b> |  |  |         |  |  |         |         |         |  | 10    |  |
| 32                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>231 PH</b>    |  |  |         |  |  |         |         |         |  | 10    |  |
| 32                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>231 PH Ni</b> |  |  |         |  |  |         |         |         |  | 10    |  |
| 16                                                                                                                                                                                           | 3 | 211 304 |  |  | <b>211 306</b> |  |  | 211 309          |  |  |         |  |  | 211 407 | 211 410 | 211 402 |  | 10    |  |
| 16                                                                                                                                                                                           | 4 | 211 404 |  |  | 211 409        |  |  | <b>211 406</b>   |  |  |         |  |  |         |         |         |  | 10    |  |
| 16                                                                                                                                                                                           | 5 | 211 504 |  |  | 211 509        |  |  | <b>211</b>       |  |  |         |  |  |         |         |         |  | 10    |  |
| 16                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>211 Ni</b>    |  |  |         |  |  |         |         |         |  | 10    |  |
| 32                                                                                                                                                                                           | 3 | 231 304 |  |  | <b>231 306</b> |  |  | 231 309          |  |  |         |  |  | 231 407 | 231 410 | 231 402 |  | 10    |  |
| 32                                                                                                                                                                                           | 4 | 231 404 |  |  | 231 409        |  |  | <b>231 406</b>   |  |  |         |  |  |         |         |         |  | 10    |  |
| 32                                                                                                                                                                                           | 5 | 231 504 |  |  | 231 509        |  |  | <b>231</b>       |  |  |         |  |  |         |         |         |  | 10    |  |
| 32                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>231 Ni</b>    |  |  |         |  |  |         |         |         |  | 10    |  |
| 63                                                                                                                                                                                           | 3 | 261 304 |  |  | <b>261 306</b> |  |  | 261 309          |  |  |         |  |  | 261 407 | 261 410 | 261 402 |  | 5     |  |
| 63                                                                                                                                                                                           | 4 | 261 404 |  |  | 261 409        |  |  | <b>261 406</b>   |  |  |         |  |  |         |         |         |  | 5     |  |
| 63                                                                                                                                                                                           | 5 | 261 504 |  |  | 261 509        |  |  | <b>261</b>       |  |  |         |  |  |         |         |         |  | 5     |  |
| 63                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>261 Ni</b>    |  |  |         |  |  |         |         |         |  | 5     |  |
| 16                                                                                                                                                                                           | 3 | 219 304 |  |  | <b>219 306</b> |  |  | 219 309          |  |  |         |  |  |         |         |         |  | 10    |  |
| 16                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>219 Ni</b>    |  |  |         |  |  |         |         |         |  | 10    |  |
| 32                                                                                                                                                                                           | 5 |         |  |  |                |  |  | <b>239 Ni</b>    |  |  |         |  |  |         |         |         |  | 10    |  |
| 16                                                                                                                                                                                           | 4 | 219 404 |  |  | 219 409        |  |  | <b>219 406</b>   |  |  | 219 407 |  |  | 219 410 | 219 402 |         |  | 10    |  |
| 16                                                                                                                                                                                           | 5 | 219 504 |  |  | 219 509        |  |  | <b>219</b>       |  |  |         |  |  |         |         |         |  | 10    |  |
| 32                                                                                                                                                                                           | 3 | 239 304 |  |  | <b>239 306</b> |  |  | 239 309          |  |  |         |  |  | 239 407 | 239 410 | 239 402 |  | 10    |  |
| 32                                                                                                                                                                                           | 4 | 239 404 |  |  | 239 409        |  |  | <b>239 406</b>   |  |  |         |  |  |         |         |         |  | 10    |  |
| 32                                                                                                                                                                                           | 5 | 239 504 |  |  | 239 509        |  |  | <b>239</b>       |  |  |         |  |  |         |         |         |  | 10    |  |
| The plugs listed here are also available as <b>screwless version</b> with insulation displacement connection.<br>To order a plug as screwless version, just add "SL" behind the part number. |   |         |  |  |                |  |  |                  |  |  |         |  |  |         |         |         |  |       |  |
| 16                                                                                                                                                                                           | 3 | 216 304 |  |  | <b>216 306</b> |  |  | 216 309          |  |  |         |  |  | 216 407 | 216 410 | 216 402 |  | 10    |  |
| 16                                                                                                                                                                                           | 4 | 216 404 |  |  | 216 409        |  |  | <b>216 406</b>   |  |  |         |  |  |         |         |         |  | 10    |  |
| 16                                                                                                                                                                                           | 5 | 216 504 |  |  | 216 509        |  |  | <b>216</b>       |  |  |         |  |  |         |         |         |  | 10/60 |  |
| 32                                                                                                                                                                                           | 3 | 236 304 |  |  | <b>236 306</b> |  |  | 236 309          |  |  |         |  |  | 236 407 | 236 410 | 236 402 |  | 10    |  |
| 32                                                                                                                                                                                           | 4 | 236 404 |  |  | 236 409        |  |  | <b>236 406</b>   |  |  |         |  |  |         |         |         |  | 10    |  |
| 32                                                                                                                                                                                           | 5 | 236 504 |  |  | 236 509        |  |  | <b>236</b>       |  |  |         |  |  |         |         |         |  | 10    |  |
| Also available in <b>pearl white</b> and <b>clear white</b> :<br>For pearl white add "PW" behind the part number, for clear white "RW"                                                       |   |         |  |  |                |  |  |                  |  |  |         |  |  |         |         |         |  |       |  |

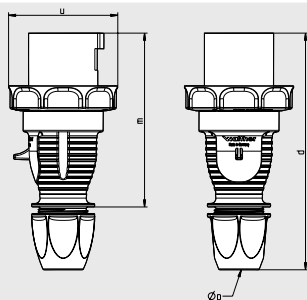




## Plugs

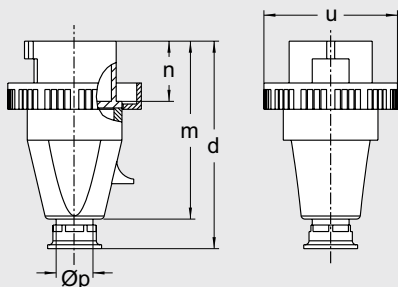
- screwless
- with screw terminals

3



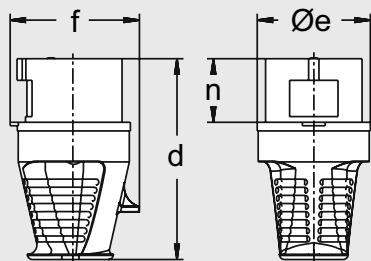
| Amp.  | 63    |       |       |
|-------|-------|-------|-------|
| Poles | 3     | 4     | 5     |
| d     | 246   | 246   | 246   |
| u     | 109   | 109   | 109   |
| m     | 174   | 174   | 174   |
| Øp    | 14-33 | 14-33 | 14-33 |

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



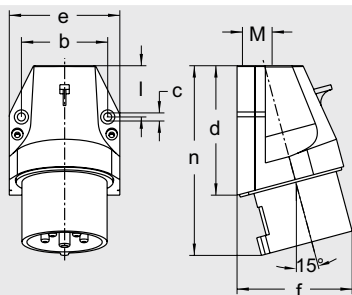
| Amp.  | 63    |       |       | 125   |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| Poles | 3     | 4     | 5     | 3     | 4     | 5     |
| d     | 243   | 243   | 243   | 315   | 315   | 315   |
| m     | 195   | 195   | 195   | 258   | 258   | 258   |
| n     | 67    | 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 ☹☹



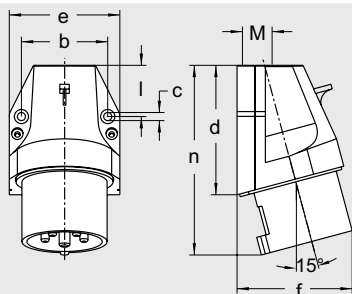
| Amp.  | 16 |    | 32  |    | 63  |    |
|-------|----|----|-----|----|-----|----|
| Poles | 4  | 5  | 4   | 5  | 4   | 5  |
| d     | 65 | 65 | 155 | 72 | 240 | 81 |
| Øe    | 58 | 65 | 72  | 72 | 81  | 81 |
| f     | 68 | 75 | 79  | 88 | 97  | 97 |
| n     | 37 | 37 | 46  | 46 | 67  | 67 |

Phase sequence control plugs,  
IP 44 ▲



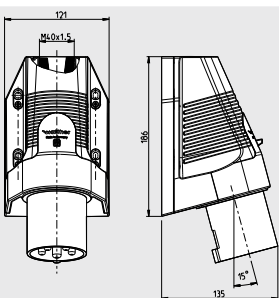
| Amp.  | 16   |     |     | 32  |     |     |
|-------|------|-----|-----|-----|-----|-----|
| Poles | 3    | 4   | 5   | 3   | 4   | 5   |
| b     | 45,5 | 60  | 60  | 60  | 60  | 60  |
| c     | 5,3  | 5,3 | 5,3 | 5,3 | 5,3 | 5,3 |
| d     | 74   | 80  | 80  | 97  | 97  | 97  |
| e     | 60   | 74  | 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 ☹☹

| Ampère | Poles | 110 V<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|-------------------------------------------------------------------------------------|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>2h |                                                                                     |



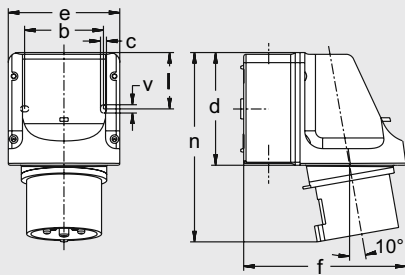
| Part numbers                        |   |         |                |                   |         |         |         |  |  |  |  |  |  |  |  |  |  |       |  |
|-------------------------------------|---|---------|----------------|-------------------|---------|---------|---------|--|--|--|--|--|--|--|--|--|--|-------|--|
| 63                                  | 3 | 268 304 | <b>268 306</b> | 268 309           |         |         |         |  |  |  |  |  |  |  |  |  |  | 5     |  |
| 63                                  | 4 | 268 404 | 268 409        | <b>268 406</b>    | 268 407 | 268 410 | 268 402 |  |  |  |  |  |  |  |  |  |  | 5     |  |
| 63                                  | 5 | 268 504 | 268 509        | <b>268</b>        |         |         |         |  |  |  |  |  |  |  |  |  |  | 5     |  |
| 63                                  | 3 | 269 304 | <b>269 306</b> | 269 309           |         |         |         |  |  |  |  |  |  |  |  |  |  | 5     |  |
| 63                                  | 4 | 269 404 | 269 409        | <b>269 406</b>    | 269 407 | 269 410 | 269 402 |  |  |  |  |  |  |  |  |  |  | 5     |  |
| 63                                  | 5 | 269 504 | 269 509        | <b>269</b>        |         |         |         |  |  |  |  |  |  |  |  |  |  | 5     |  |
| 63                                  | 5 |         |                | <b>269 Ni</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  | 5     |  |
| 125                                 | 3 | 279 304 | <b>279 306</b> | 279 309           |         |         |         |  |  |  |  |  |  |  |  |  |  | 2     |  |
| 125                                 | 4 | 279 404 | 279 409        | <b>279 406</b>    | 279 407 | 279 410 | 279 402 |  |  |  |  |  |  |  |  |  |  | 2     |  |
| 125                                 | 5 | 279 504 | 279 509        | <b>279</b>        |         |         |         |  |  |  |  |  |  |  |  |  |  | 2     |  |
| 125                                 | 5 |         |                | <b>279 Ni</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  | 2     |  |
| for voltage ranges of 110 V - 690 V |   |         |                |                   |         |         |         |  |  |  |  |  |  |  |  |  |  |       |  |
| 16                                  | 4 |         |                | <b>210 406 DF</b> |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 16                                  | 5 |         |                | <b>210 DF</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 32                                  | 4 |         |                | <b>230 406 DF</b> |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 32                                  | 5 |         |                | <b>230 DF</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 63                                  | 4 |         |                | <b>260 406 DF</b> |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 63                                  | 5 |         |                | <b>260 DF</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  | 5     |  |
| 16                                  | 3 | 610 304 | <b>610 306</b> | 610 309           |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 16                                  | 4 | 610 404 | 610 409        | <b>610 406</b>    | 610 407 | 610 410 | 610 402 |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 16                                  | 5 | 610 504 | 610 509        | <b>610</b>        |         |         |         |  |  |  |  |  |  |  |  |  |  | 10/60 |  |
| 16                                  | 3 |         |                | <b>610 Ni</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 32                                  | 3 | 630 304 | <b>630 306</b> | 630 309           |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 32                                  | 4 | 630 404 | 630 409        | <b>630 406</b>    | 630 407 | 630 410 | 630 402 |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 32                                  | 5 | 630 504 | 630 509        | <b>630</b>        |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 32                                  | 5 | 630 504 | 630 509        | <b>630 Ni</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 16                                  | 5 |         |                | <b>610 PH</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 16                                  | 5 |         |                | <b>610 PH Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 16                                  | 5 |         |                | <b>611 PH Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 32                                  | 5 |         |                | <b>630 PH</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 32                                  | 5 |         |                | <b>630 PH Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 32                                  | 5 |         |                | <b>631 PH Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  | 10    |  |
| 63                                  | 3 | 660 304 | <b>660 306</b> | 660 309           |         |         |         |  |  |  |  |  |  |  |  |  |  | 2     |  |
| 63                                  | 4 | 660 404 | 660 409        | <b>660 406</b>    | 660 407 | 660 410 | 660 402 |  |  |  |  |  |  |  |  |  |  | 2     |  |
| 63                                  | 5 | 660 504 | 660 509        | <b>660</b>        |         |         |         |  |  |  |  |  |  |  |  |  |  | 2     |  |



# Plugs

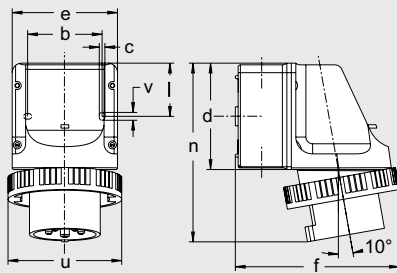
- screwless
- with screw terminals

3



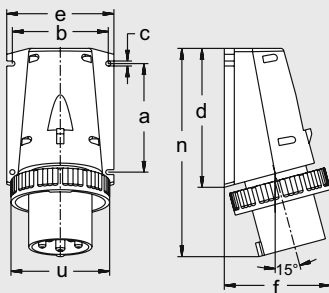
| Amp.  | 16    |       |  | 32    |       |       |
|-------|-------|-------|--|-------|-------|-------|
| Poles | 4     | 5     |  | 3     | 4     | 5     |
| b     | 66,5  | 66,5  |  | 66,5  | 66,5  | 66,5  |
| c     | 5     | 5     |  | 5     | 5     | 5     |
| d     | 96    | 96    |  | 96    | 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 ▲



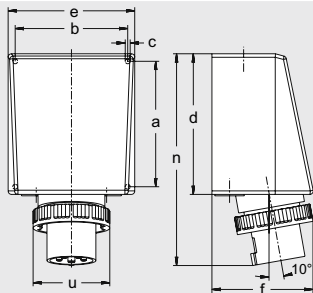
| Amp.  | 16    |       |       | 32    |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| Poles | 3     | 4     | 5     | 3     | 4     | 5     |
| b     | 66,5  | 66,5  | 66,5  | 66,5  | 66,5  | 66,5  |
| c     | 5     | 5     | 5     | 5     | 5     | 5     |
| d     | 96    | 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  |

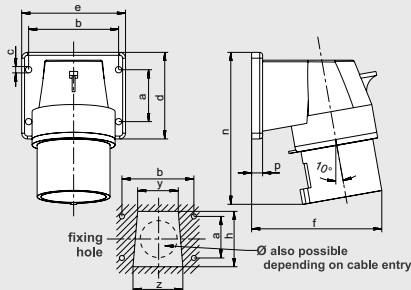
**Wall mount appliance inlets,**  
external fixing,  
1 top cable entry,  
contacts not nickel-plated,  
IP 67 ▲▲



| 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    |

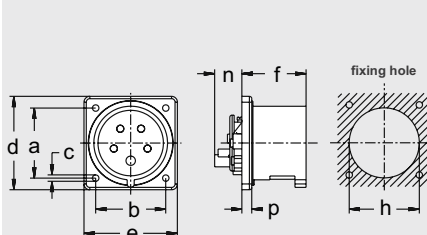
**Wall mount appliance inlets,**  
internal fixing,  
1 top cable entry M 50 and 1 x M 20,  
2 bottom cable entries M 40,  
3-pole: with terminal block set 3 x 50 mm²,  
4-pole: with terminal block set 4 x 50 mm²,  
5-pole: with terminal block set 5 x 50 mm²,  
IP 67 ▲▲

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

| Ampère | Poles | 110 V<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|--|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>2h |  |



| Part numbers |   |                  |  |  |                   |  |  |                   |  |  |            |  |  |            |  |  |            |    |  |
|--------------|---|------------------|--|--|-------------------|--|--|-------------------|--|--|------------|--|--|------------|--|--|------------|----|--|
| 16           | 4 | 616 404          |  |  | 616 409           |  |  | <b>616 406</b>    |  |  | 616 407    |  |  | 616 410    |  |  | 616 402    | 5  |  |
| 16           | 5 | 616 504          |  |  | 616 509           |  |  | <b>616</b>        |  |  |            |  |  |            |  |  |            | 5  |  |
| 32           | 3 | 636 304          |  |  | <b>636 306</b>    |  |  | 636 309           |  |  |            |  |  | 636 410    |  |  | 636 402    | 5  |  |
| 32           | 4 | 636 404          |  |  | 636 409           |  |  | <b>636 406</b>    |  |  | 636 407    |  |  |            |  |  |            | 5  |  |
| 32           | 5 | 636 504          |  |  | 636 509           |  |  | <b>636</b>        |  |  |            |  |  |            |  |  |            | 5  |  |
| 16           | 3 |                  |  |  |                   |  |  |                   |  |  |            |  |  |            |  |  |            | 5  |  |
| 16           | 4 | 618 404          |  |  | 618 409           |  |  | <b>618 406</b>    |  |  | 618 407    |  |  | 618 410    |  |  | 618 402    | 5  |  |
| 16           | 5 | 618 504          |  |  | 618 509           |  |  | <b>618</b>        |  |  |            |  |  |            |  |  |            | 5  |  |
| 32           | 3 | 638 304          |  |  | <b>638 306</b>    |  |  | 638 309           |  |  |            |  |  | 638 410    |  |  | 638 402    | 5  |  |
| 32           | 4 | 638 404          |  |  | 638 409           |  |  | <b>638 406</b>    |  |  | 638 407    |  |  |            |  |  |            | 5  |  |
| 32           | 5 | 638 504          |  |  | 638 509           |  |  | <b>638</b>        |  |  |            |  |  |            |  |  |            | 5  |  |
| 63           | 3 | 668 304          |  |  | <b>668 306</b>    |  |  | 668 309           |  |  |            |  |  | 668 410    |  |  | 668 402    | 2  |  |
| 63           | 4 | 668 404          |  |  | 668 409           |  |  | <b>668 406</b>    |  |  | 668 407    |  |  |            |  |  |            | 2  |  |
| 63           | 5 | 668 504          |  |  | 668 509           |  |  | <b>668</b>        |  |  |            |  |  |            |  |  |            | 2  |  |
| 125          | 3 | 678 304          |  |  | <b>678 306</b>    |  |  | 678 309           |  |  |            |  |  | 678 410    |  |  | 678 402    | 1  |  |
| 125          | 4 | 678 404          |  |  | 678 409           |  |  | <b>678 406</b>    |  |  | 678 407    |  |  |            |  |  |            | 1  |  |
| 125          | 5 | 678 504          |  |  | 678 509           |  |  | <b>678</b>        |  |  |            |  |  |            |  |  |            | 1  |  |
| 125          | 3 | 678 304 OK       |  |  | <b>678 306 OK</b> |  |  | 678 309 OK        |  |  |            |  |  | 678 410 OK |  |  | 678 402 OK | 1  |  |
| 125          | 4 | 678 404 OK       |  |  | 678 409 OK        |  |  | <b>678 406 OK</b> |  |  | 678 407 OK |  |  |            |  |  |            | 1  |  |
| 125          | 5 | 678 504 OK       |  |  | 678 509 OK        |  |  | <b>678 OK</b>     |  |  |            |  |  |            |  |  |            | 1  |  |
| 16           | 3 | 611 304          |  |  | <b>611 306</b>    |  |  | 611 309           |  |  |            |  |  | 611 410    |  |  | 611 402    | 10 |  |
| 16           | 4 | 611 404          |  |  | 611 409           |  |  | <b>611 406</b>    |  |  | 611 407    |  |  |            |  |  |            | 10 |  |
| 16           | 5 | 611 504          |  |  | 611 509           |  |  | <b>611</b>        |  |  |            |  |  |            |  |  |            | 10 |  |
| 32           | 3 | 631 304          |  |  | <b>631 306</b>    |  |  | 631 309           |  |  |            |  |  | 631 410    |  |  | 631 402    | 10 |  |
| 32           | 4 | 631 404          |  |  | 631 409           |  |  | <b>631 406</b>    |  |  | 631 407    |  |  |            |  |  |            | 10 |  |
| 32           | 5 | 631 504          |  |  | 631 509           |  |  | <b>631</b>        |  |  |            |  |  |            |  |  |            | 10 |  |
| 63           | 3 | 661 304          |  |  | <b>661 306</b>    |  |  | 661 309           |  |  |            |  |  | 661 410    |  |  | 661 402    | 5  |  |
| 63           | 4 | 661 404          |  |  | 661 409           |  |  | <b>661 406</b>    |  |  | 661 407    |  |  |            |  |  |            | 5  |  |
| 63           | 5 | 661 504          |  |  | 661 509           |  |  | <b>661</b>        |  |  |            |  |  |            |  |  |            | 5  |  |
| 16           | 3 | <b>600 304 *</b> |  |  | <b>600 306 *</b>  |  |  | <b>600 309 *</b>  |  |  |            |  |  |            |  |  |            | 10 |  |
| 16           | 3 | 615 304          |  |  | <b>615 306</b>    |  |  | 615 309           |  |  |            |  |  | 615 410    |  |  | 615 402    | 10 |  |
| 16           | 4 | 615 404          |  |  | 615 409           |  |  | <b>615 406</b>    |  |  | 615 407    |  |  |            |  |  |            | 10 |  |
| 16           | 5 | 615 504          |  |  | 615 509           |  |  | <b>615</b>        |  |  |            |  |  |            |  |  |            | 10 |  |
| 32           | 3 | 635 304          |  |  | <b>635 306</b>    |  |  | 635 309           |  |  |            |  |  | 635 410    |  |  | 635 402    | 10 |  |
| 32           | 4 | 635 404          |  |  | 635 409           |  |  | <b>635 406</b>    |  |  | 635 407    |  |  |            |  |  |            | 10 |  |
| 32           | 5 | 635 504          |  |  | 635 509           |  |  | <b>635</b>        |  |  |            |  |  |            |  |  |            | 10 |  |



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

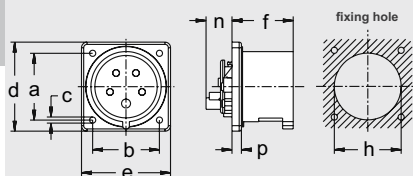


## Plugs

- screwless

- with screw terminals

3

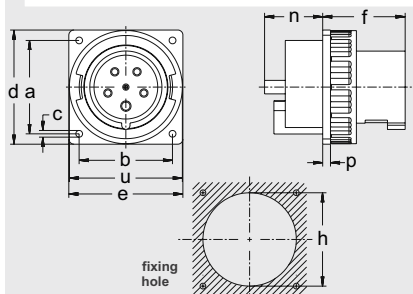


| Amp.  | 16  | 32  |
|-------|-----|-----|
| Poles | 5   | 5   |
| a     | 60  | 60  |
| b     | 60  | 60  |
| c     | 5,5 | 5,5 |
| d     | 80  | 80  |
| e     | 80  | 80  |
| f     | 47  | 56  |
| h     | 67  | 71  |
| n     | 22  | 22  |
| p     | 8,5 | 8,5 |

### Panel mount appliance inlets as phase inverters

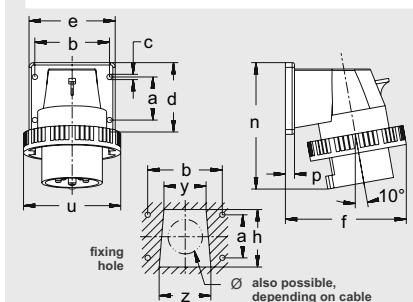
straight, screwed flange, IP 44 ▲

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



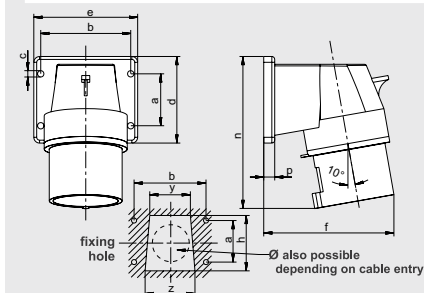
| Amp.  | 125 |     |     |
|-------|-----|-----|-----|
| Poles | 3   | 4   | 5   |
| a     | 104 | 104 | 104 |
| b     | 104 | 104 | 104 |
| c     | 6,5 | 6,5 | 6,5 |
| d     | 130 | 130 | 130 |
| e     | 130 | 130 | 130 |
| f     | 93  | 93  | 93  |
| h     | 90  | 90  | 90  |
| n     | 56  | 56  | 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 ▲

| Ampère | Poles | 110 V<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|--|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>2h |  |



| Part numbers |   |         |  |  |                |  |  |                |  |  |         |  |  |         |  |  |         |  |  |    |
|--------------|---|---------|--|--|----------------|--|--|----------------|--|--|---------|--|--|---------|--|--|---------|--|--|----|
| 16           | 5 |         |  |  |                |  |  | <b>615 PH</b>  |  |  |         |  |  |         |  |  |         |  |  | 10 |
| 32           | 5 |         |  |  |                |  |  | <b>635 PH</b>  |  |  |         |  |  |         |  |  |         |  |  | 10 |
| 125          | 3 | 679 304 |  |  | <b>679 306</b> |  |  | 679 309        |  |  |         |  |  |         |  |  |         |  |  | 2  |
| 125          | 4 | 679 404 |  |  | 679 409        |  |  | <b>679 406</b> |  |  | 679 407 |  |  | 679 410 |  |  | 679 402 |  |  | 2  |
| 125          | 5 | 679 504 |  |  | 679 509        |  |  | <b>679</b>     |  |  |         |  |  |         |  |  |         |  |  | 2  |
| 125          | 5 |         |  |  |                |  |  | <b>679 Ni</b>  |  |  |         |  |  |         |  |  |         |  |  | 2  |
| 16           | 3 | 619 304 |  |  | <b>619 306</b> |  |  | 619 309        |  |  |         |  |  |         |  |  |         |  |  | 10 |
| 16           | 4 | 619 404 |  |  | 619 409        |  |  | <b>619 406</b> |  |  | 619 407 |  |  | 619 410 |  |  | 619 402 |  |  | 10 |
| 16           | 5 | 619 504 |  |  | 619 509        |  |  | <b>619</b>     |  |  |         |  |  |         |  |  |         |  |  | 10 |
| 16           | 5 |         |  |  |                |  |  | <b>619 Ni</b>  |  |  |         |  |  |         |  |  |         |  |  | 10 |
| 32           | 3 | 639 304 |  |  | <b>639 306</b> |  |  | 639 309        |  |  |         |  |  |         |  |  |         |  |  | 5  |
| 32           | 4 | 639 404 |  |  | 639 409        |  |  | <b>639 406</b> |  |  | 639 407 |  |  | 639 410 |  |  | 639 402 |  |  | 5  |
| 32           | 5 | 639 504 |  |  | 639 509        |  |  | <b>639</b>     |  |  |         |  |  |         |  |  |         |  |  | 5  |
| 32           | 5 |         |  |  |                |  |  | <b>639 Ni</b>  |  |  |         |  |  |         |  |  |         |  |  | 5  |
| 63           | 3 | 669 304 |  |  | <b>669 306</b> |  |  | 669 309        |  |  |         |  |  |         |  |  |         |  |  | 5  |
| 63           | 4 | 669 404 |  |  | 669 409        |  |  | <b>669 406</b> |  |  | 669 407 |  |  | 669 410 |  |  | 669 402 |  |  | 5  |
| 63           | 5 | 669 504 |  |  | 669 509        |  |  | <b>669</b>     |  |  |         |  |  |         |  |  |         |  |  | 5  |
| 63           | 5 |         |  |  |                |  |  | <b>669 Ni</b>  |  |  |         |  |  |         |  |  |         |  |  | 5  |
| 16           | 5 |         |  |  |                |  |  | <b>611 PH</b>  |  |  |         |  |  |         |  |  |         |  |  | 10 |
| 32           | 5 |         |  |  |                |  |  | <b>631 PH</b>  |  |  |         |  |  |         |  |  |         |  |  | 10 |
|              |   |         |  |  |                |  |  |                |  |  |         |  |  |         |  |  |         |  |  |    |
|              |   |         |  |  |                |  |  |                |  |  |         |  |  |         |  |  |         |  |  |    |

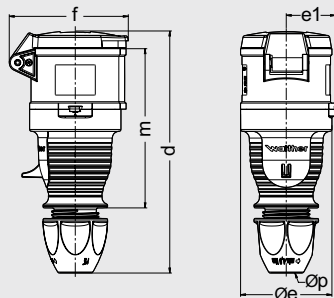


3

## Couplers

- screwless
- with screw terminals

4

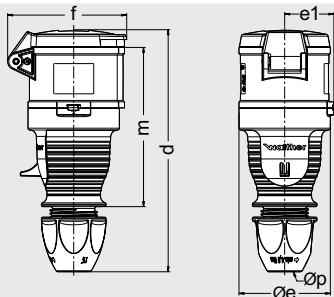


| Amp.  | 16         | 16         | 32        | 32        | 32        |
|-------|------------|------------|-----------|-----------|-----------|
| Poles | 4          | 5          | 3         | 4         | 5         |
| d     | 165-176    | 165-176    | 189-199   | 189-199   | 189-199   |
| Øe    | 65         | 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 mm<sup>2</sup> / 32 A: 2,5 - 6 mm<sup>2</sup>

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

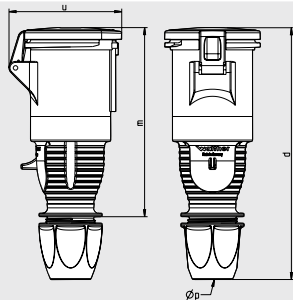


| Amp.  | 16         | 16         | 32        | 32        | 32        |
|-------|------------|------------|-----------|-----------|-----------|
| Poles | 4          | 5          | 3         | 4         | 5         |
| d     | 165-176    | 165-176    | 189-199   | 189-199   | 189-199   |
| Øe    | 65         | 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**

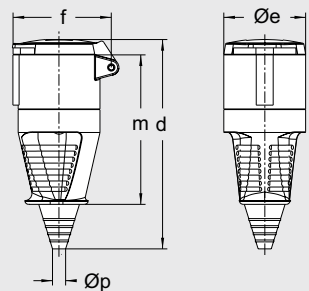
Conductor cross sections:  
16 A: 1 - 2,5 mm<sup>2</sup> / 32 A: 2,5 - 6 mm<sup>2</sup>

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



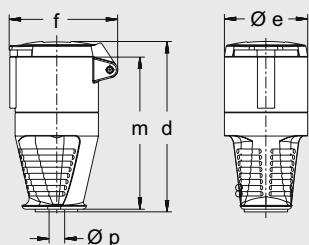
| Amp.  | 63    |       |       |
|-------|-------|-------|-------|
| Poles | 3     | 4     | 5     |
| d     | 261   | 261   | 261   |
| u     | 113   | 113   | 113   |
| m     | 189   | 189   | 189   |
| Øp    | 14-33 | 14-33 | 14-33 |

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



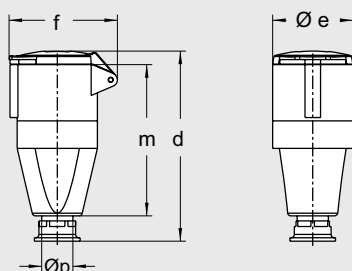
| Amp.  | 16   | 63    |       |       |
|-------|------|-------|-------|-------|
| Poles | 3    | 3     | 4     | 5     |
| d     | 154  | 266   | 266   | 266   |
| Øe    | 51   | 96    | 96    | 96    |
| f     | 68   | 114   | 114   | 114   |
| m     | 109  | 196   | 196   | 196   |
| Øp    | 7/13 | 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<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|-------------------------------------------------------------------------------------|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>2h |                                                                                     |



Part numbers

|    |   |            |                   |                   |            |            |            |       |
|----|---|------------|-------------------|-------------------|------------|------------|------------|-------|
| 16 | 4 | 310 404 SL | 310 409 SL        | <b>310 406 SL</b> | 310 407 SL | 310 410 SL | 310 402 SL | 10/60 |
| 16 | 5 | 310 504 SL | 310 509 SL        | <b>310SL</b>      |            |            |            | 10/60 |
| 32 | 3 | 330 304 SL | <b>330 306 SL</b> | 330 309 SL        |            |            |            | 10/60 |
| 32 | 4 | 330 404 SL | 330 409 SL        | <b>330 406 SL</b> | 330 407 SL | 330 410 SL | 330 402 SL | 10/60 |
| 32 | 5 | 330 504 SL | 330 509 SL        | <b>330 SL</b>     |            |            |            | 10/60 |
| 16 | 4 | 310 404    | 310 409           | <b>310 406</b>    | 310 407    | 310 410    | 310 402    | 10    |
| 16 | 5 | 310 504    | 310 509           | <b>310</b>        |            |            |            | 10/60 |
| 32 | 3 | 330 304    | <b>330 306</b>    | 330 309           |            |            |            | 10    |
| 32 | 4 | 330 404    | 330 409           | <b>330 406</b>    | 330 407    | 330 410    | 330 402    | 10    |
| 32 | 5 | 330 504    | 330 509           | <b>330</b>        |            |            |            | 10/60 |
| 63 | 3 | 362 304    | <b>362 306</b>    | 362 309           |            |            |            | 5     |
| 63 | 4 | 362 404    | 362 409           | <b>362 406</b>    | 362 407    | 362 410    | 362 402    | 5     |
| 63 | 5 | 362 504    | 362 509           | <b>362</b>        |            |            |            | 5     |
| 63 | 5 |            |                   | <b>362 Ni</b>     |            |            |            | 5     |
| 16 | 3 | 310 304    | <b>310 306</b>    | 310 309           |            |            |            | 10/60 |
| 63 | 3 | 360 304    | <b>360 306</b>    | 360 309           |            |            |            | 5     |
| 63 | 4 | 360 404    | 360 409           | <b>360 406</b>    | 360 407    | 360 410    | 360 402    | 5     |
| 63 | 5 | 360 504    | 360 509           | <b>360</b>        |            |            |            | 5     |
| 63 | 5 |            |                   | <b>360 Ni</b>     |            |            |            | 5     |
| 16 | 3 | 315 304    | <b>315 306</b>    | 315 309           |            |            |            | 10    |
| 16 | 3 | 311 304    | <b>311 306</b>    | 311 309           |            |            |            | 10    |
| 16 | 4 | 311 404    | 311 409           | <b>311 406</b>    | 311 407    | 311 410    | 311 402    | 10    |
| 16 | 5 | 311 504    | 311 509           | <b>311</b>        |            |            |            | 10    |
| 16 | 5 |            |                   | <b>311 Ni</b>     |            |            |            | 10    |
| 32 | 3 | 331 304    | <b>331 306</b>    | 331 309           |            |            |            | 10    |
| 32 | 4 | 331 404    | 331 409           | <b>331 406</b>    | 331 407    | 331 410    | 331 402    | 10    |
| 32 | 5 | 331 504    | 331 509           | <b>331</b>        |            |            |            | 10    |
| 32 | 5 |            |                   | <b>331 Ni</b>     |            |            |            | 10    |
| 63 | 3 | 361 304    | <b>361 306</b>    | 361 309           |            |            |            | 5     |
| 63 | 4 | 361 404    | 361 409           | <b>361 406</b>    | 361 407    | 361 410    | 361 402    | 5     |
| 63 | 5 | 361 504    | 361 509           | <b>361</b>        |            |            |            | 5     |
| 63 | 5 |            |                   | <b>361 Ni</b>     |            |            |            | 5     |



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

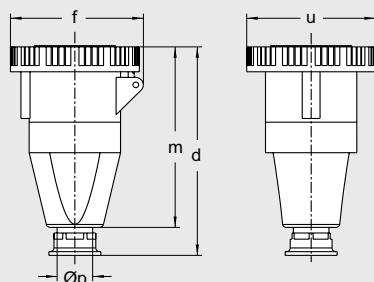
**Availability of blue printed (or not listed) frequencies and voltages up to 690 V on request!**



## Couplers

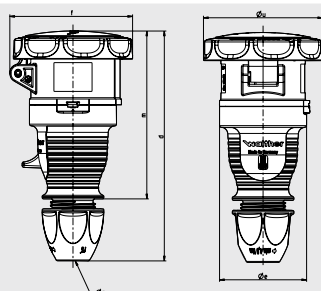
- screwless
- with screw terminals

4



| 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

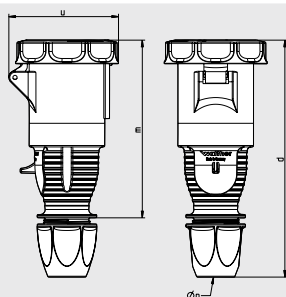


| Amp.  | 16         | 16         | 32        | 32        |
|-------|------------|------------|-----------|-----------|
| Poles | 4          | 5          | 3 / 4     | 5         |
| d     | 150-161    | 150-161    | 174-183   | 174-183   |
| Ø e   | Ø 65       | Ø 65       | Ø 72      | Ø 72      |
| 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

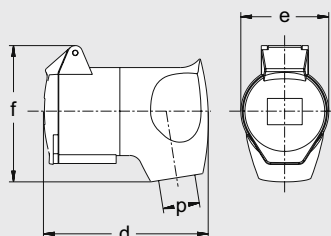
or

**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   |
| Ø p   | 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



314 500

| Ampère | Poles | 110 V<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|--|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>2h |  |



| Part numbers |   |         |                |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|--------------|---|---------|----------------|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 16           | 3 | 319 304 | <b>319 306</b> | 319 309        |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 16           | 5 |         |                | <b>319 Ni</b>  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 5 |         |                | <b>339 Ni</b>  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 63           | 3 | 369 304 | <b>369 306</b> | 369 309        |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 63           | 4 | 369 404 | 369 409        | <b>369 406</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 63           | 5 | 369 504 | 369 509        | <b>369</b>     |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 63           | 5 |         |                | <b>369 Ni</b>  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 125          | 3 | 379 304 | <b>379 306</b> | 379 309        |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2  |
| 125          | 4 | 379 404 | 379 409        | <b>379 406</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2  |
| 125          | 5 | 379 504 | 379 509        | <b>379</b>     |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2  |
| 125          | 5 |         |                | <b>379 Ni</b>  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2  |
| 16           | 4 | 319 404 | 319 409        | <b>319 406</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 16           | 5 | 319 504 | 319 509        | <b>319</b>     |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 3 | 339 304 | <b>339 306</b> | 339 309        |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 4 | 339 404 | 339 409        | <b>339 406</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 5 | 339 504 | 339 509        | <b>339</b>     |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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.

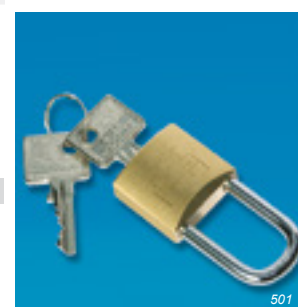
|    |   |         |                |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|----|---|---------|----------------|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 63 | 3 | 368 304 | <b>368 306</b> | 368 309        |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 63 | 4 | 368 404 | 368 409        | <b>368 406</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 63 | 5 | 368 504 | 368 509        | <b>368</b>     |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 16 | 3 | 316 304 | <b>316 306</b> | 316 309        |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |



**Padlock**  
for locking IP 67 plugs and couplers

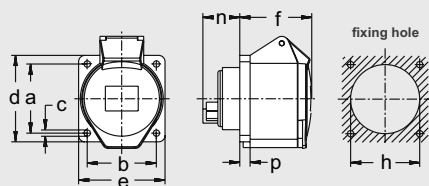
16 A, 4 and 5 pole and  
32 A, 3, 4 and 5 pole

Part no. 501 1



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!**

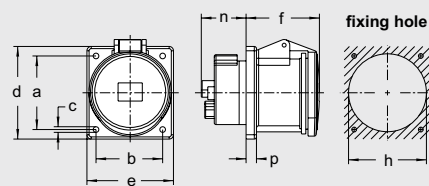
## Panel sockets



| 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   |

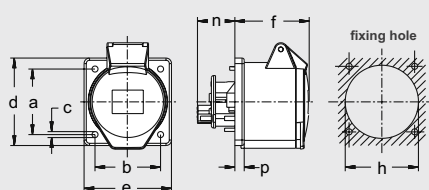
| Suitable blind flange, part no. 10 015: |     |
|-----------------------------------------|-----|
| a                                       | 60  |
| b                                       | 60  |
| c                                       | 5,2 |
| d                                       | 75  |
|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

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



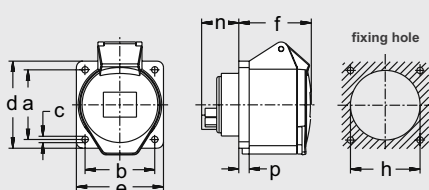
| Amp.  | 63  |     |     |
|-------|-----|-----|-----|
| Poles | 3   | 4   | 5   |
| a     | 85  | 85  | 85  |
| b     | 77  | 77  | 77  |
| c     | 6,5 | 6,5 | 6,5 |
| d     | 107 | 107 | 107 |
| e     | 100 | 100 | 100 |
| f     | 85  | 85  | 85  |
| h     | 90  | 90  | 90  |
| n     | 52  | 52  |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

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



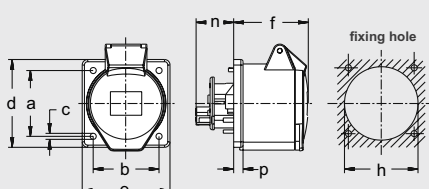
| Amp.  | 16  |     | 32  |     |     |
|-------|-----|-----|-----|-----|-----|
| Poles | 4   | 5   | 3   | 4   | 5   |
| a     | 60  | 60  | 60  | 60  | 60  |
| b     | 60  | 60  | 60  | 60  | 60  |
| c     | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 |
| d     | 80  | 80  | 80  | 80  | 80  |
| e     | 80  | 80  | 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 ▲

# Panel sockets

| Ampère | Poles | 110 V<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|-------------------------------------------------------------------------------------|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>2h |                                                                                     |



| Part numbers |   |         |                |                |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |       |
|--------------|---|---------|----------------|----------------|---------|---------|---------|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| 16           | 3 | 411 304 | <b>411 306</b> | 411 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 16           | 4 | 410 404 | 410 409        | <b>410 406</b> | 410 407 | 410 410 | 410 402 |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 16           | 5 | 410 504 | 410 509        | <b>410</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 16           | 5 |         |                | <b>410 Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 32           | 3 | 430 304 | <b>430 306</b> | 430 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 32           | 4 | 430 404 | 430 409        | <b>430 406</b> | 430 407 | 430 410 | 430 402 |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 32           | 5 | 430 504 | 430 509        | <b>430</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 32           | 5 |         |                | <b>430 Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 63           | 3 | 460 304 | <b>460 306</b> | 460 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 5     |
| 63           | 4 | 460 404 | 460 409        | <b>460 406</b> | 460 407 | 460 410 | 460 402 |  |  |  |  |  |  |  |  |  |  |  |  | 5     |
| 63           | 5 | 460 504 | 460 509        | <b>460</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 5     |
| 63           | 5 |         |                | <b>460 Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 5     |
| 16           | 4 | 411 404 | 411 409        | <b>411 406</b> | 411 407 | 411 410 | 411 402 |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 16           | 5 | 411 504 | 411 509        | <b>411</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 32           | 3 | 431 304 | <b>431 306</b> | 431 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 32           | 4 | 431 404 | 431 409        | <b>431 406</b> | 431 407 | 431 410 | 431 402 |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 32           | 5 | 431 504 | 431 509        | <b>431</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 10    |
| 16           | 3 | 410 304 | <b>410 306</b> | 410 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 10/60 |
| 16           | 3 | 412 304 | <b>412 306</b> | 412 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  | 10    |



430



460



431



410 306



412 306

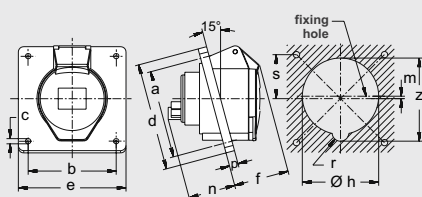
The here listed 63 A panel sockets are also available with **pilot contact**.

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!

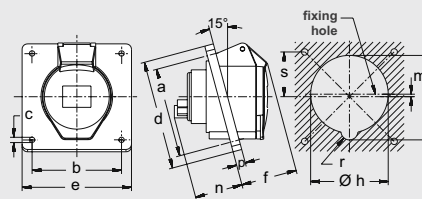


## Panel sockets



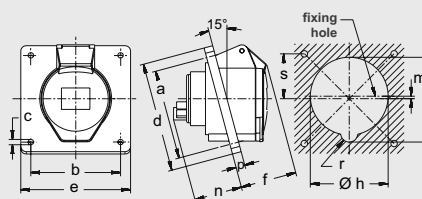
| Amp.  | 16   |     |     | 32  |     |     |
|-------|------|-----|-----|-----|-----|-----|
| Poles | 3    | 4   | 5   | 3   | 4   | 5   |
| a     | 47   | 60  | 60  | 60  | 60  | 70  |
| b     | 47   | 60  | 60  | 60  | 60  | 60  |
| c     | 5,5  | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 |
| d     | 68   | 75  | 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 ▲



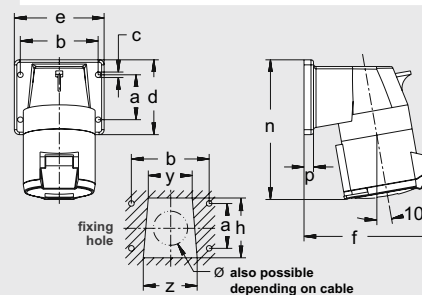
| Amp.  | 16   |      | 32  |      |      | 63  |      |      |
|-------|------|------|-----|------|------|-----|------|------|
| Poles | 4    | 5    | 3   | 4    | 5    | 3   | 4    | 5    |
| a     | 85   | 85   | 85  | 85   | 85   | 85  | 85   | 85   |
| b     | 77   | 77   | 77  | 77   | 77   | 77  | 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 ▲



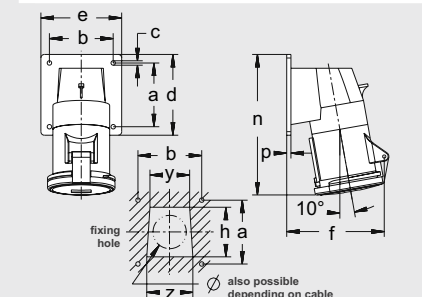
| Amp.  | 16  | 32  | 63  |
|-------|-----|-----|-----|
| Poles | 5   | 5   | 5   |
| a     | 90  | 90  | 90  |
| b     | 90  | 90  | 90  |
| c     | 5,5 | 5,5 | 6,5 |
| d     | 110 | 110 | 114 |
| e     | 110 | 110 | 114 |
| f     | 51  | 56  | 79  |
| h     | 70  | 78  | 86  |
| m     | 2   | 2,5 | 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 ▲



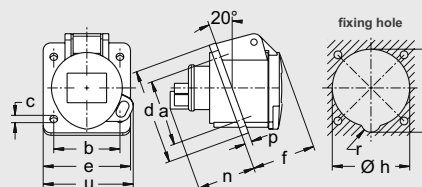
| Amp.  | 16  |     |     | 32  |     |     |
|-------|-----|-----|-----|-----|-----|-----|
| Poles | 3   | 4   | 5   | 3   | 4   | 5   |
| a     | 30  | 40  | 40  | 45  | 45  | 45  |
| b     | 55  | 68  | 68  | 78  | 78  | 78  |
| c     | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 |
| d     | 52  | 66  | 66  | 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 ▲

# Panel sockets

| Ampère | Poles | 110 V<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|-------------------------------------------------------------------------------------|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>2h |                                                                                     |



| Part numbers |   |         |                |                |         |         |         |  |  |  |  |  |  |  |  |  |  |  |    |
|--------------|---|---------|----------------|----------------|---------|---------|---------|--|--|--|--|--|--|--|--|--|--|--|----|
| 16           | 3 | 510 304 | <b>510 306</b> | 510 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 16           | 4 | 510 404 | 510 409        | <b>510 406</b> | 510 407 | 510 410 | 510 402 |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 16           | 5 | 510 504 | 510 509        | <b>510</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 16           | 5 |         |                | <b>510 Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 3 | 530 304 | <b>530 306</b> | 530 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 4 | 530 404 | 530 409        | <b>530 406</b> | 530 407 | 530 410 | 530 402 |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 5 | 530 504 | 530 509        | <b>530</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 5 |         |                | <b>530 Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 16           | 4 | 511 404 | 511 409        | <b>511 406</b> | 511 407 | 511 410 | 511 402 |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 16           | 5 | 511 504 | 511 509        | <b>511</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 3 | 531 304 | <b>531 306</b> | 531 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 4 | 531 404 | 531 409        | <b>531 406</b> | 531 407 | 531 410 | 531 402 |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 5 | 531 504 | 531 509        | <b>531</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 63           | 3 | 560 304 | <b>560 306</b> | 560 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 63           | 4 | 560 404 | 560 409        | <b>560 406</b> | 560 407 | 560 410 | 560 402 |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 63           | 5 | 560 504 | 560 509        | <b>560</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 63           | 5 |         |                | <b>560 Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 16           | 5 | 512 504 | 512 509        | <b>512</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 16           | 5 |         |                | <b>512 Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 5 | 532 504 | 532 509        | <b>532</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 5 |         |                | <b>532 Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 63           | 5 | 562 504 | 562 509        | <b>562</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 63           | 5 |         |                | <b>562 Ni</b>  |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 16           | 3 | 514 304 | <b>514 306</b> | 514 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 16           | 4 | 514 404 | 514 409        | <b>514 406</b> | 514 407 | 514 410 | 514 402 |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 16           | 5 | 514 504 | 514 509        | <b>514</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 32           | 3 | 534 304 | <b>534 306</b> | 534 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 32           | 4 | 534 404 | 534 409        | <b>534 406</b> | 534 407 | 534 410 | 534 402 |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 32           | 5 | 534 504 | 534 509        | <b>534</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 63           | 3 | 564 304 | <b>564 306</b> | 564 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 63           | 4 | 564 404 | 564 409        | <b>564 406</b> |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 63           | 5 | 564 504 | 564 509        | <b>564</b>     |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 5  |
| 16           | 3 | 512 304 | <b>512 306</b> | 512 309        |         |         |         |  |  |  |  |  |  |  |  |  |  |  | 10 |



530



531



532



534



564



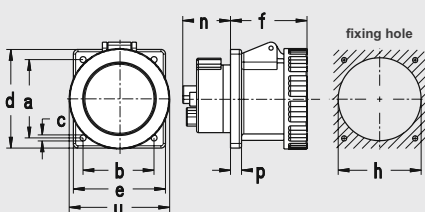
512 306

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.

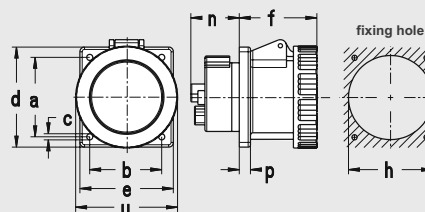
Availability of blue printed (or not listed) frequencies and voltages up to 690 V on request!

## Panel sockets



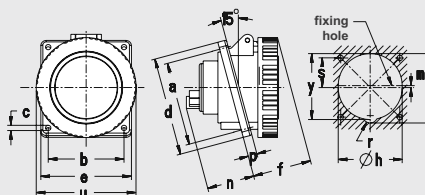
| Amp.  | 16  |     |     | 32  |     |     | 63  |     |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Poles | 3   | 4   | 5   | 3   | 4   | 5   | 3   | 4   | 5   |
| a     | 47  | 60  | 60  | 60  | 60  | 60  | 85  | 85  | 85  |
| b     | 47  | 60  | 60  | 60  | 60  | 60  | 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,  
fingerproof acc. to BGV A3,  
IP 67



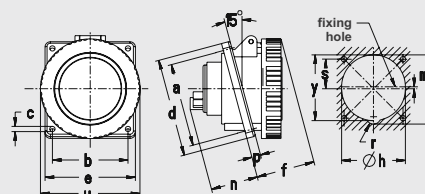
| Amp.  | 125 |     |     |
|-------|-----|-----|-----|
| Poles | 3   | 4   | 5   |
| a     | 90  | 90  | 90  |
| b     | 90  | 90  | 90  |
| c     | 6,5 | 6,5 | 6,5 |
| d     | 114 | 114 | 114 |
| e     | 114 | 114 | 114 |
| f     | 96  | 96  | 96  |
| h     | 90  | 90  | 90  |
| n     | 64  | 64  | 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



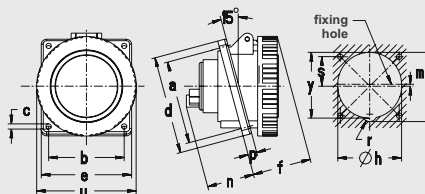
| Amp.  | 16  |      |      | 32  |      |      | 63  |      |      |
|-------|-----|------|------|-----|------|------|-----|------|------|
| Poles | 3   | 4    | 5    | 3   | 4    | 5    | 3   | 4    | 5    |
| a     | 47  | 85   | 85   | 85  | 85   | 85   | 85  | 85   | 85   |
| b     | 47  | 77   | 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,  
fingerproof acc. to BGV A3,  
IP 67



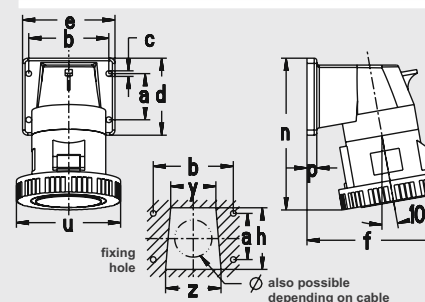
| Amp.  | 125 |     |     |
|-------|-----|-----|-----|
| Poles | 3   | 4   | 5   |
| a     | 90  | 90  | 90  |
| b     | 90  | 90  | 90  |
| c     | 6,5 | 6,5 | 6,5 |
| d     | 114 | 114 | 114 |
| e     | 114 | 114 | 114 |
| f     | 94  | 94  | 94  |
| h     | 90  | 90  | 88  |
| m     | -/- | 8   | 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   | 4   | 5   | 5   |
| a     | 60  | 60  | 60  | 60  | 90  |
| b     | 60  | 60  | 60  | 60  | 90  |
| c     | 5,5 | 5,5 | 5,5 | 5,5 | 6,5 |
| d     | 75  | 85  | 90  | 90  | 114 |
| e     | 75  | 75  | 75  | 75  | 80  |
| f     | 52  | 52  | 56  | 56  | 60  |
| h     | 60  | 68  | 67  | 67  | 76  |
| m     | -/- | 2   | -/- | -/- | 2,5 |
| n     | 38  | 38  | 47  | 47  | 82  |
| p     | 9   | 9   | 9   | 9   | 6   |
| r     | 7,5 | 8   | 7,5 | 7,5 | 8,5 |
| s     | -/- | 30  | -/- | -/- | 35  |
| u     | 81  | 88  | 96  | 96  | 103 |
| y     | 62  | -/- | 71  | 71  | -/- |
| z     | 64  | 73  | 76  | 76  | 83  |

Panel sockets, angled,  
fingerproof 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

# Panel sockets

| Ampère | Poles | 110 V<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|-------------------------------------------------------------------------------------|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>2h |                                                                                     |



| Part numbers |   |         |                |                |  |  |  |               |  |  |         |  |  |         |  |         |  |  |  |    |
|--------------|---|---------|----------------|----------------|--|--|--|---------------|--|--|---------|--|--|---------|--|---------|--|--|--|----|
| 16           | 3 | 419 304 | <b>419 306</b> | 419 309        |  |  |  | 419 309       |  |  |         |  |  | 419 410 |  | 419 402 |  |  |  | 10 |
| 16           | 4 | 419 404 | 419 409        | <b>419 406</b> |  |  |  | <b>419</b>    |  |  | 419 407 |  |  |         |  |         |  |  |  | 10 |
| 16           | 5 | 419 504 | 419 509        |                |  |  |  | <b>419 Ni</b> |  |  |         |  |  |         |  |         |  |  |  | 10 |
| 32           | 3 | 439 304 | <b>439 306</b> | 439 309        |  |  |  | 439 309       |  |  |         |  |  | 439 410 |  | 439 402 |  |  |  | 10 |
| 32           | 4 | 439 404 | 439 409        | <b>439 406</b> |  |  |  | <b>439</b>    |  |  | 439 407 |  |  |         |  |         |  |  |  | 10 |
| 32           | 5 | 439 504 | 439 509        |                |  |  |  | <b>439 Ni</b> |  |  |         |  |  |         |  |         |  |  |  | 10 |
| 63           | 3 | 469 304 | <b>469 306</b> | 469 309        |  |  |  | 469 309       |  |  |         |  |  | 469 410 |  | 469 402 |  |  |  | 5  |
| 63           | 4 | 469 404 | 469 409        | <b>469 406</b> |  |  |  | <b>469</b>    |  |  | 469 407 |  |  |         |  |         |  |  |  | 5  |
| 63           | 5 | 469 504 | 469 509        |                |  |  |  | <b>469 Ni</b> |  |  |         |  |  |         |  |         |  |  |  | 5  |
| 125          | 3 | 479 304 | <b>479 306</b> | 479 309        |  |  |  | 479 309       |  |  |         |  |  | 479 410 |  | 479 402 |  |  |  | 2  |
| 125          | 4 | 479 404 | 479 409        | <b>479 406</b> |  |  |  | <b>479</b>    |  |  | 479 407 |  |  |         |  |         |  |  |  | 2  |
| 125          | 5 | 479 504 | 479 509        |                |  |  |  | <b>479 Ni</b> |  |  |         |  |  |         |  |         |  |  |  | 2  |
| 16           | 3 | 519 304 | <b>519 306</b> | 519 309        |  |  |  | 519 309       |  |  |         |  |  | 519 410 |  | 519 402 |  |  |  | 10 |
| 16           | 4 | 519 404 | 519 409        | <b>519 406</b> |  |  |  | <b>519</b>    |  |  | 519 407 |  |  |         |  |         |  |  |  | 10 |
| 16           | 5 | 519 504 | 519 509        |                |  |  |  | <b>519 Ni</b> |  |  |         |  |  |         |  |         |  |  |  | 10 |
| 32           | 3 | 539 304 | <b>539 306</b> | 539 309        |  |  |  | 539 309       |  |  |         |  |  | 539 410 |  | 539 402 |  |  |  | 10 |
| 32           | 4 | 539 404 | 539 409        | <b>539 406</b> |  |  |  | <b>539</b>    |  |  | 539 407 |  |  |         |  |         |  |  |  | 10 |
| 32           | 5 | 539 504 | 539 509        |                |  |  |  | <b>539 Ni</b> |  |  |         |  |  |         |  |         |  |  |  | 10 |
| 63           | 3 | 569 304 | <b>569 306</b> | 569 309        |  |  |  | 569 309       |  |  |         |  |  | 569 410 |  | 569 402 |  |  |  | 5  |
| 63           | 4 | 569 404 | 569 409        | <b>569 406</b> |  |  |  | <b>569</b>    |  |  | 569 407 |  |  |         |  |         |  |  |  | 5  |
| 63           | 5 | 569 504 | 569 509        |                |  |  |  | <b>569 Ni</b> |  |  |         |  |  |         |  |         |  |  |  | 5  |
| 125          | 3 | 579 304 | <b>579 306</b> | 579 309        |  |  |  | 579 309       |  |  |         |  |  | 579 410 |  | 579 402 |  |  |  | 2  |
| 125          | 4 | 579 404 | 579 409        | <b>579 406</b> |  |  |  | <b>579</b>    |  |  | 579 407 |  |  |         |  |         |  |  |  | 2  |
| 125          | 5 | 579 504 | 579 509        |                |  |  |  | <b>579 Ni</b> |  |  |         |  |  |         |  |         |  |  |  | 2  |
| 16           | 4 | 517 404 | 517 409        | <b>517 406</b> |  |  |  | <b>517</b>    |  |  | 517 407 |  |  | 517 410 |  | 517 402 |  |  |  | 10 |
| 16           | 5 | 517 504 | 517 509        |                |  |  |  |               |  |  |         |  |  |         |  |         |  |  |  | 10 |
| 32           | 3 | 537 304 | <b>537 306</b> | 537 309        |  |  |  | 537 309       |  |  |         |  |  | 537 410 |  | 537 402 |  |  |  | 10 |
| 32           | 4 | 537 404 | 537 409        | <b>537 406</b> |  |  |  | <b>537</b>    |  |  | 537 407 |  |  |         |  |         |  |  |  | 10 |
| 32           | 5 | 537 504 | 537 509        |                |  |  |  |               |  |  |         |  |  |         |  |         |  |  |  | 10 |
| 63           | 5 | 567 504 | 567 509        | <b>567</b>     |  |  |  |               |  |  |         |  |  |         |  |         |  |  |  | 5  |
| 16           | 3 | 518 304 | <b>518 306</b> | 518 309        |  |  |  | 518 309       |  |  |         |  |  | 518 410 |  | 518 402 |  |  |  | 10 |
| 16           | 4 | 518 404 | 518 409        | <b>518 406</b> |  |  |  | <b>518</b>    |  |  | 518 407 |  |  |         |  |         |  |  |  | 10 |
| 16           | 5 | 518 504 | 518 509        |                |  |  |  |               |  |  |         |  |  |         |  |         |  |  |  | 10 |
| 32           | 3 | 538 304 | <b>538 306</b> | 538 309        |  |  |  | 538 309       |  |  |         |  |  | 538 410 |  | 538 402 |  |  |  | 10 |
| 32           | 4 | 538 404 | 538 409        | <b>538 406</b> |  |  |  | <b>538</b>    |  |  | 538 407 |  |  |         |  |         |  |  |  | 10 |
| 32           | 5 | 538 504 | 538 509        |                |  |  |  |               |  |  |         |  |  |         |  |         |  |  |  | 10 |
| 63           | 3 | 568 304 | <b>568 306</b> | 568 309        |  |  |  | 568 309       |  |  |         |  |  | 568 410 |  | 568 402 |  |  |  | 5  |
| 63           | 4 | 568 404 | 568 409        | <b>568 406</b> |  |  |  | <b>568</b>    |  |  | 568 407 |  |  |         |  |         |  |  |  | 5  |
| 63           | 5 | 568 504 | 568 509        |                |  |  |  |               |  |  |         |  |  |         |  |         |  |  |  | 5  |

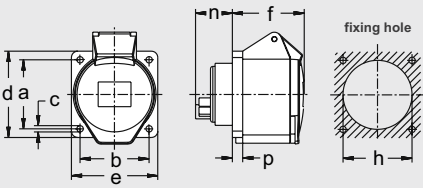
The here listed 63 A and 125 A panel sockets are also available with **pilot contact**.

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



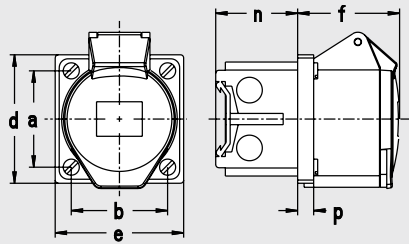
| Amp.  | 16  |     |     | 32  |     |     |
|-------|-----|-----|-----|-----|-----|-----|
| Poles | 3   | 4   | 5   | 3   | 4   | 5   |
| a     | 60  | 60  | 60  | 60  | 60  | 60  |
| b     | 60  | 60  | 60  | 60  | 60  | 60  |
| c     | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 |
| d     | 75  | 75  | 75  | 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 ▲

5



| 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 ▲

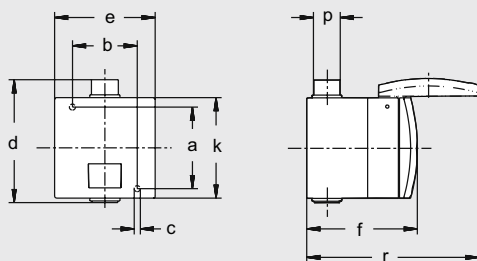


430



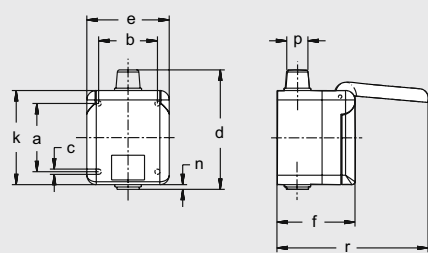
4.30 V.S.

37



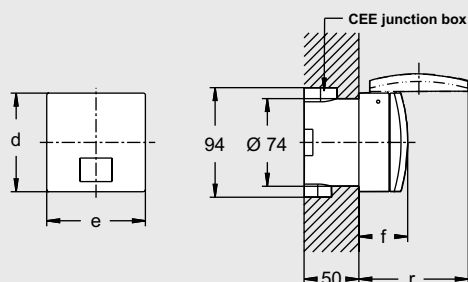
| Amp.  | 16   |         |         | 32    |       |       |
|-------|------|---------|---------|-------|-------|-------|
| Poles | 3    | 4       | 5       | 3     | 4     | 5     |
| d     | 85   | 98      | 98      | 115   | 115   | 115   |
| e     | 50,3 | 64,3    | 64,3    | 72    | 72    | 72    |
| 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    |

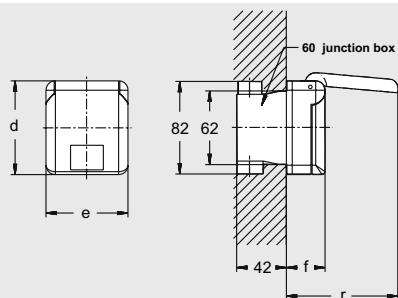
**mondo wall sockets,**  
small version, surface mount,  
RAL 7035 light grey,  
IP 44 ▲



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

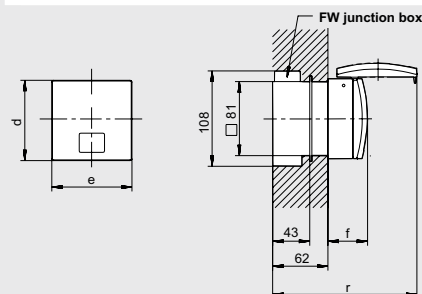
**mondo wall sockets,**  
flush mount,  
with flush-type junction box,  
with plaster compensation, IP 44 ▲

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 |

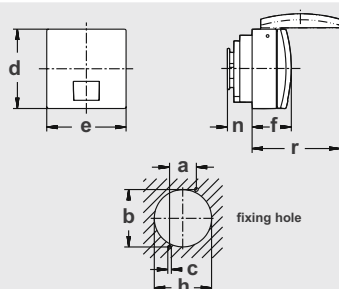
**mondo wall sockets,**  
small version, flush mount,  
RAL 1013 pearl white  
RAL 7035 light grey (with suffix 'LG'),  
RAL 9010 clear white (with suffix 'RW'),  
with flush-type junction box,  
with plaster compensation,  
IP 44 ▲



| 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  |

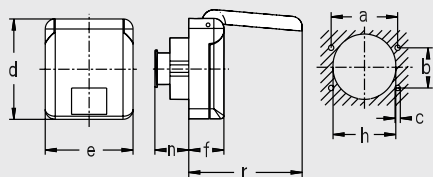
**mondo panel sockets, straight,**  
IP 44 ▲

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

| Ampère                                                                          | Pôles | 110 V<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             | > 50 - 500 V<br>100 - 300 Hz |              |              | > 50 - 500 V<br>over 300 - 500 Hz |             |             |  | <br>2 P + E | <br>3 P + E | <br>3 P + N + E |
|---------------------------------------------------------------------------------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|------------------------------|--------------|--------------|-----------------------------------|-------------|-------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|                                                                                 |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h | 3pole<br>10h                 | 4pole<br>10h | 5pole<br>10h | 3pole<br>2h                       | 4pole<br>2h | 5pole<br>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           |                                                                                     |                                                                                                |                                                                                                |                                                                                                    |
| 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                  |       |                      |             |             |                      |             |             |                      |             |             |                      |             |             |                              |              |              |                                   |             |             |                                                                                     |                                                                                                |                                                                                                |                                                                                                    |
| 16                                                                              | 3     | 117 304              |             |             | 117 306              |             |             | 117 309              |             |             |                      |             |             |                              |              |              |                                   |             |             | 10                                                                                  |            |                                                                                                |                                                                                                    |
| 16                                                                              | 4     |                      |             |             |                      |             |             |                      |             |             |                      |             |             |                              |              |              |                                   |             | 10          |                                                                                     |                                                                                                |                                                                                                |                                                                                                    |
| 16                                                                              | 5     |                      |             |             |                      |             |             |                      |             |             |                      |             |             |                              |              |              |                                   |             | 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) |       |                      |             |             |                      |             |             |                      |             |             |                      |             |             |                              |              |              |                                   |             |             |                                                                                     |                                                                                                |                                                                                                |                                                                                                    |
| 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) |       |                      |             |             |                      |             |             |                      |             |             |                      |             |             |                              |              |              |                                   |             |             |                                                                                     |                                                                                                |                                                                                                |                                                                                                    |
| 16                                                                              | 3     | 418 304              |             |             | 418 306              |             |             | 418 309              |             |             |                      |             |             |                              |              |              |                                   |             |             | 10                                                                                  |           |                                                                                                |                                                                                                    |
| 16                                                                              | 3     |                      |             |             | 418 306 LG           |             |             |                      |             |             |                      |             |             |                              |              |              |                                   |             | 10          |                                                                                     |                                                                                                |                                                                                                |                                                                                                    |
| 16                                                                              | 3     |                      |             |             | 418 306 RW           |             |             |                      |             |             |                      |             |             |                              |              |              |                                   |             | 10          |                                                                                     |                                                                                                |                                                                                                |                                                                                                    |
| 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) |       |                      |             |             |                      |             |             |                      |             |             |                      |             |             |                              |              |              |                                   |             |             |                                                                                     |                                                                                                |                                                                                                |                                                                                                    |
| 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!



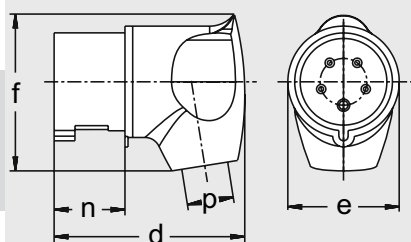


|       |     |
|-------|-----|
| Amp.  | 16  |
| Poles | 3   |
| a     | 53  |
| b     | 32  |
| c     | 4,2 |
| d     | 80  |
| e     | 70  |
| f     | 28  |
| h     | 50  |
| n     | 29  |
| r     | 91  |

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 ▲

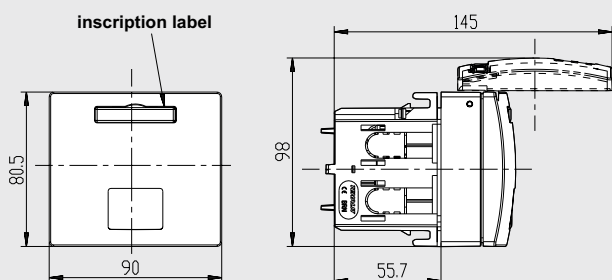
- Only possible with cover plate 10 028 -



| 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 ▲

inscription label

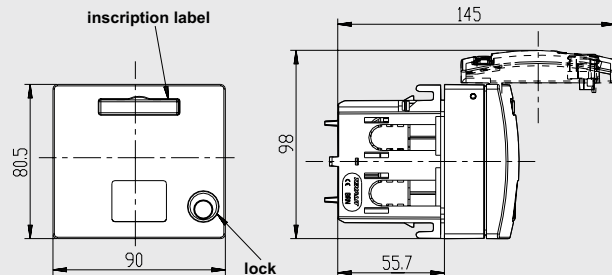


**mondo sockets for cable ducts, IP 44  
for TEHALIT steel sheet cable ducts,  
with inscription label**

Available in four colours:

- RAL 7035 light grey,
- RAL 9010 clear white (suffix „RW“),
- RAL 9001 cream white (suffix „CW“)
- lacquered aluminium (suffix „LA“)

inscription label

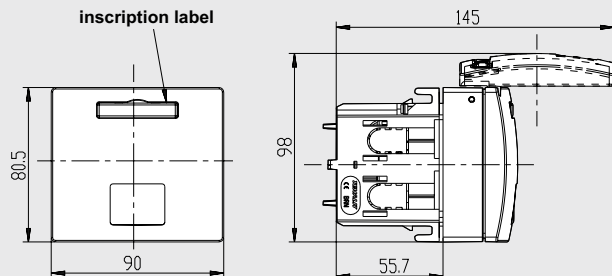


**mondo sockets for cable ducts, IP 44  
for TEHALIT steel sheet cable ducts,  
with inscription label and lock**

Available in four colours:

- RAL 7035 light grey,
- RAL 9010 clear white (suffix „RW“),
- RAL 9001 cream white (suffix „CW“)
- lacquered aluminium (suffix „LA“)

inscription label

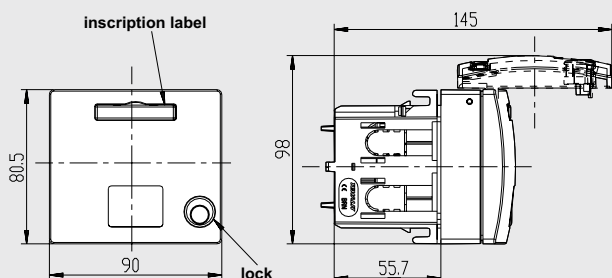


**mondo sockets for cable ducts, IP 44  
for TEHALIT plastic cable ducts,  
with inscription label**

Available in four colours:

- RAL 7035 light grey,
- RAL 9010 clear white (suffix „RW“),
- RAL 9001 cream white (suffix „CW“)
- lacquered aluminium (suffix „LA“)

inscription label



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

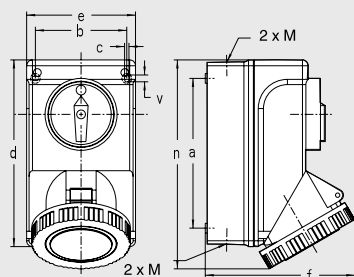
Available in four colours:

- RAL 7035 light grey,
- RAL 9010 clear white (suffix „RW“),
- RAL 9001 cream white (suffix „CW“)
- lacquered aluminium (suffix „LA“)

41

# Wall sockets with switch

- with interlocking
- without interlocking



| Amp.<br>Poles | 16  |     |     | 32  |     |     |
|---------------|-----|-----|-----|-----|-----|-----|
|               | 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

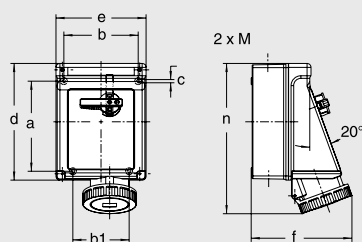
- I/O switch 2-pole

**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.<br>Poles | 16    |       |       | 32    |       |       | 63    |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|               | 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

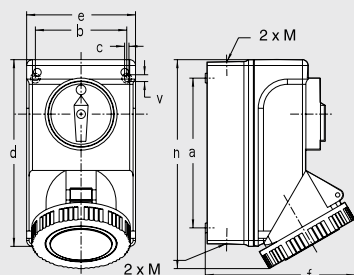
- I/O switch 2-pole

**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.<br>Poles | 16  |     |     | 32  |     |     |
|---------------|-----|-----|-----|-----|-----|-----|
|               | 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

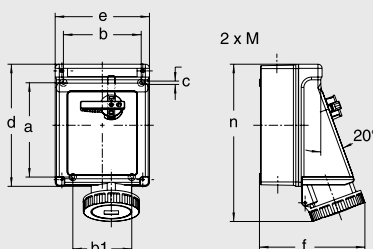
- I/O switch 2-pole

**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.<br>Poles | 16    |       |       | 32    |       |       | 63    |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|               | 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

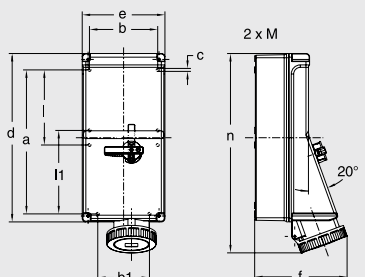
- I/O switch 2-pole

**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.<br>Poles | 16    |       |       | 32    |       |       | 63    |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|               | 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

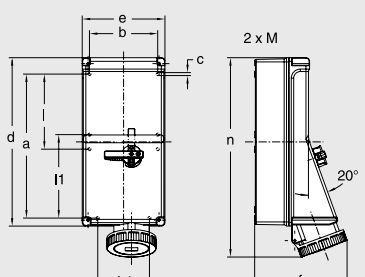
- I/O switch 2-pole

**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.<br>Poles | 16    |       |       | 32    |       |       | 63    |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|               | 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

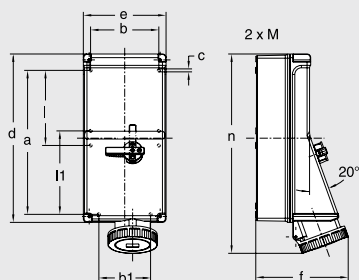
# Switched wall sockets

| Ampère       | Poles | 110 V<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             |  2 P + E  3 P + E  3 P + N + E |  |  |
|--------------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|              |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h |                                                                                                                                                                                                                                                                                         |  |  |
| Part numbers |       |                      |             |             |                      |             |             |                      |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 3     | AT 110 304           |             |             | <b>AT 110 306</b>    |             |             | AT 110 309           |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 4     | AT 110 404           |             |             | AT 110 409           |             |             | <b>AT 110 406</b>    |             |             | AT 110 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 5     | AT 110 504           |             |             | AT 110 509           |             |             | <b>AT 110</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 3     | AT 130 304           |             |             | <b>AT 130 306</b>    |             |             | AT 130 309           |             |             | AT 130 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 4     | AT 130 404           |             |             | AT 130 409           |             |             | <b>AT 130 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 5     | AT 130 504           |             |             | AT 130 509           |             |             | <b>AT 130</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 3     | AE 110 304           |             |             | <b>AE 110 306</b>    |             |             | AE 110 309           |             |             | AE 110 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 4     | AE 110 404           |             |             | AE 110 409           |             |             | <b>AE 110 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 5     | AE 110 504           |             |             | AE 110 509           |             |             | <b>AE 110</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 3     | AE 130 304           |             |             | <b>AE 130 306</b>    |             |             | AE 130 309           |             |             | AE 130 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 4     | AE 130 404           |             |             | AE 130 409           |             |             | <b>AE 130 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 5     | AE 130 504           |             |             | AE 130 509           |             |             | <b>AE 130</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 63           | 3     | AE 160 304           |             |             | <b>AE 160 306</b>    |             |             | AE 160 309           |             |             | AE 160 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 63           | 4     | AE 160 404           |             |             | AE 160 409           |             |             | <b>AE 160 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 63           | 5     | AE 160 504           |             |             | AE 160 509           |             |             | <b>AE 160</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 3     | AT 119 304           |             |             | <b>AT 119 306</b>    |             |             | AT 119 309           |             |             | AT 119 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 4     | AT 119 404           |             |             | AT 119 409           |             |             | <b>AT 119 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 5     | AT 119 504           |             |             | AT 119 509           |             |             | <b>AT 119</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 3     | AT 139 304           |             |             | <b>AT 139 306</b>    |             |             | AT 139 309           |             |             | AT 139 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 4     | AT 139 404           |             |             | AT 139 409           |             |             | <b>AT 139 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 5     | AT 139 504           |             |             | AT 139 509           |             |             | <b>AT 139</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 3     | AE 119 304           |             |             | <b>AE 119 306</b>    |             |             | AE 119 309           |             |             | AE 119 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 4     | AE 119 404           |             |             | AE 119 409           |             |             | <b>AE 119 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 5     | AE 119 504           |             |             | AE 119 509           |             |             | <b>AE 119</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 3     | AE 139 304           |             |             | <b>AE 139 306</b>    |             |             | AE 139 309           |             |             | AE 139 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 4     | AE 139 404           |             |             | AE 139 409           |             |             | <b>AE 139 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 5     | AE 139 504           |             |             | AE 139 509           |             |             | <b>AE 139</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 63           | 3     | AE 169 304           |             |             | <b>AE 169 306</b>    |             |             | AE 169 309           |             |             | AE 169 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 63           | 4     | AE 169 404           |             |             | AE 169 409           |             |             | <b>AE 169 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 63           | 5     | AE 169 504           |             |             | AE 169 509           |             |             | <b>AE 169</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 3     | AJ 110 304           |             |             | <b>AJ 110 306</b>    |             |             | AJ 110 309           |             |             | AJ 110 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 4     | AJ 110 404           |             |             | AJ 110 409           |             |             | <b>AJ 110 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 5     | AJ 110 504           |             |             | AJ 110 509           |             |             | <b>AJ 110</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 3     | AJ 130 304           |             |             | <b>AJ 130 306</b>    |             |             | AJ 130 309           |             |             | AJ 130 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 4     | AJ 130 404           |             |             | AJ 130 409           |             |             | <b>AJ 130 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 5     | AJ 130 504           |             |             | AJ 130 509           |             |             | <b>AJ 130</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 63           | 3     | AJ 160 304           |             |             | <b>AJ 160 306</b>    |             |             | AJ 160 309           |             |             | AJ 160 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 63           | 4     | AJ 160 404           |             |             | AJ 160 409           |             |             | <b>AJ 160 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 63           | 5     | AJ 160 504           |             |             | AJ 160 509           |             |             | <b>AJ 160</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 3     | AJ 119 304           |             |             | <b>AJ 119 306</b>    |             |             | AJ 119 309           |             |             | AJ 119407            |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 4     | AJ 119 404           |             |             | AJ 119 409           |             |             | <b>AJ 119 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 16           | 5     | AJ 119 504           |             |             | AJ 119 509           |             |             | <b>AJ 119</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 3     | AJ 139 304           |             |             | <b>AJ 139 306</b>    |             |             | AJ 139 309           |             |             | AJ 139 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 4     | AJ 139 404           |             |             | AJ 139 409           |             |             | <b>AJ 139 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 32           | 5     | AJ 139 504           |             |             | AJ 139 509           |             |             | <b>AJ 139</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 63           | 3     | AJ 169 304           |             |             | <b>AJ 169 306</b>    |             |             | AJ 169 309           |             |             | AJ 169 407           |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 63           | 4     | AJ 169 404           |             |             | AJ 169 409           |             |             | <b>AJ 169 406</b>    |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |
| 63           | 5     | AJ 169 504           |             |             | AJ 169 509           |             |             | <b>AJ 169</b>        |             |             |                      |             |             |                                                                                                                                                                                                                                                                                         |  |  |

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 |
| g        | /   | /   | /   |
| h        | /   | /   | /   |
| n (IP44) | /   | /   | /   |
| n (IP67) | 450 | 450 | 450 |
| M        | 40  | 40  | 40  |

**Wall sockets, 3-pole,**  
with switch, with interlocking, IP 67

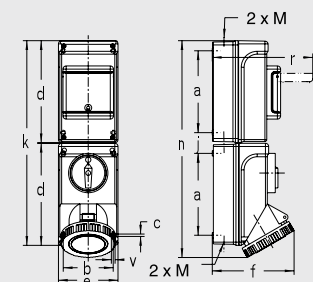
- I/O switch 2-pole

**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 |
| g         | 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

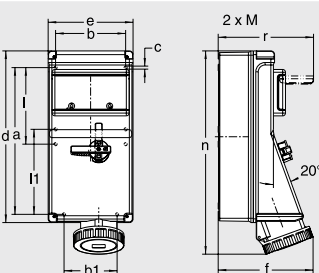
- I/O switch 2-pole,

**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   |
| g         | 165   | 165   | 165   | 165   | 165   | 165   | 165   | 165   | 165   |
| h         | 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

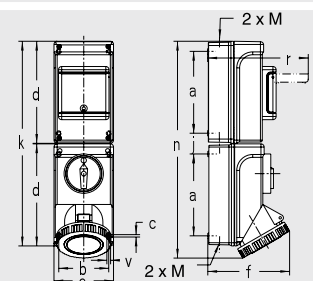
- I/O switch 2-pole

**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 |
| g         | 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**

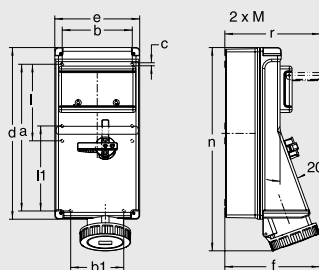
- I/O switch 2-pole
- with MCB 1-pole 16 or 32 A »C«

**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**

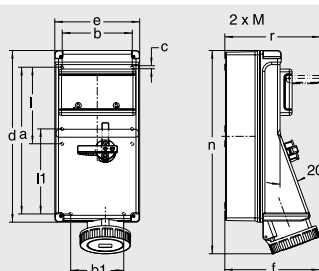
- I/O switch 4-pole
- with MCB 3-pole 16 or 32 A



| 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   |
| g         | 165   | 165   | 165   | 165   | 165   | 165   | 165   | 165   | 165   |
| h         | 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   |
| g         | 165   | 165   | 165   | 165   | 165   | 165   | 165   | 165   | 165   |
| h         | 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**

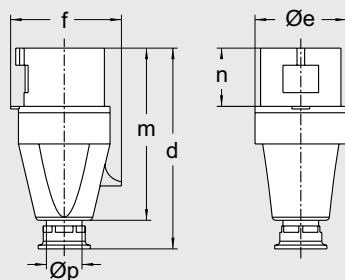
- with 4-pole I/O switch,
- with MCB 3-pole 16 A, 32 A or 63 A »C«
- with RCD 4-pole 40 A/30 mA or 63 A/30 mA



# Switched wall sockets

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

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

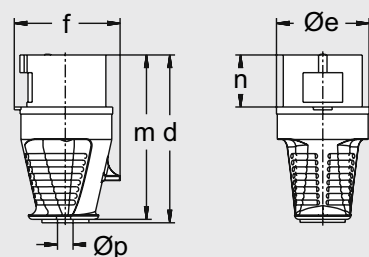


| Amp.  | 16       |          |          | 32      |         |         | 63      |         |         |
|-------|----------|----------|----------|---------|---------|---------|---------|---------|---------|
| Poles | 3        | 4        | 5        | 3       | 4       | 5       | 3       | 4       | 5       |
| 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,

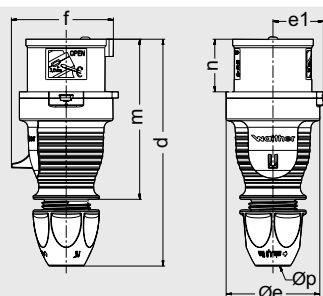
16 - 63 A: IP 44 ▲  
125 A: IP 67 ▲<sup>2)</sup>



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

### Plug

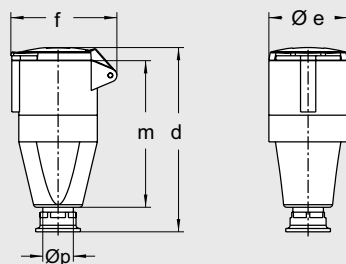
for light and stage engineering,  
with inverted cable entry,  
IP 44 ▲



| 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 ▲

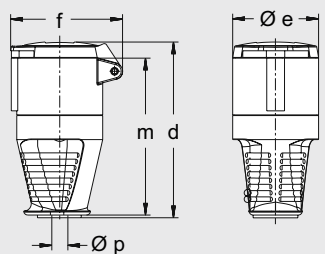


| Amp.  | 16       |          |          | 32      |         |         | 63      |         |         |
|-------|----------|----------|----------|---------|---------|---------|---------|---------|---------|
| Poles | 3        | 4        | 5        | 3       | 4       | 5       | 3       | 4       | 5       |
| 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,

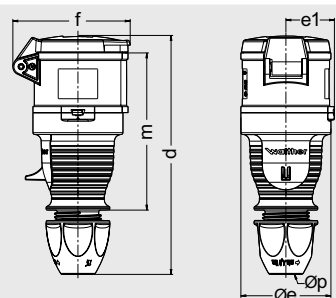
16 - 63 A: IP 44 ▲  
125 A: IP 67 ▲<sup>2)</sup>



| 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 |

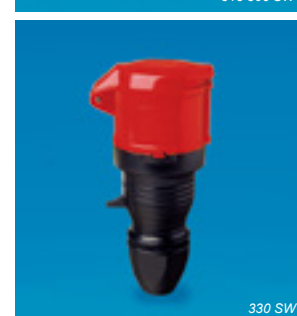
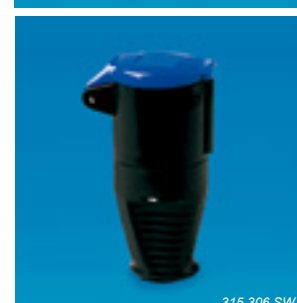
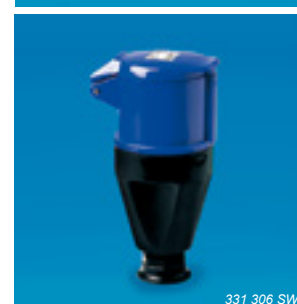
### Coupler

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

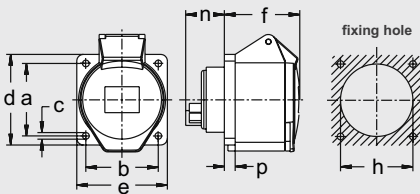
1) Drawing and dimensions for 125 A, IP 67 see chapter „Plugs“, part no. 279  
2) Drawing and dimensions for 125 A, IP 67 see chapter „Couplers“, part no. 379



| Ampère       | Poles | 110 V<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz     |             |             | 400 V<br>50 a. 60 Hz                             |             |             | 500 V<br>50 a. 60 Hz |             |             |       |
|--------------|-------|----------------------|-------------|-------------|--------------------------|-------------|-------------|--------------------------------------------------|-------------|-------------|----------------------|-------------|-------------|-------|
|              |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h              | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h                                      | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h |       |
| Part numbers |       |                      |             |             |                          |             |             |                                                  |             |             |                      |             |             |       |
| 16           | 3     |                      |             |             | 211 306 SW               |             |             | 211 406 SW<br>211 SW                             |             |             |                      |             |             | 10    |
| 16           | 4     |                      |             |             |                          |             |             |                                                  |             |             |                      |             |             | 10    |
| 16           | 5     |                      |             |             | 10                       |             |             |                                                  |             |             |                      |             |             |       |
| 32           | 3     |                      |             |             | 231 306 SW               |             |             | 231 406 SW<br>231 SW                             |             |             |                      |             |             | 10    |
| 32           | 4     |                      |             |             |                          |             |             |                                                  |             |             |                      |             |             | 10    |
| 32           | 5     |                      |             |             | 10                       |             |             |                                                  |             |             |                      |             |             |       |
| 63           | 3     |                      |             |             | 261 306 SW               |             |             | 261 406 SW<br>261 SW                             |             |             |                      |             |             | 5     |
| 63           | 4     |                      |             |             |                          |             |             |                                                  |             |             |                      |             |             | 5     |
| 63           | 5     |                      |             |             | 5                        |             |             |                                                  |             |             |                      |             |             |       |
| 125          | 3     |                      |             |             | 279 306 SW <sup>1)</sup> |             |             | 279 406 SW <sup>1)</sup><br>279 SW <sup>1)</sup> |             |             |                      |             |             | 2     |
| 125          | 4     | 2                    |             |             |                          |             |             |                                                  |             |             |                      |             |             |       |
| 125          | 5     | 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<br>311 SW                             |             |             |                      |             |             | 10    |
| 16           | 4     |                      |             |             |                          |             |             |                                                  |             |             |                      |             |             | 10    |
| 16           | 5     |                      |             |             | 10                       |             |             |                                                  |             |             |                      |             |             |       |
| 32           | 3     |                      |             |             | 331 306 SW               |             |             | 331 406 SW<br>331 SW                             |             |             |                      |             |             | 10    |
| 32           | 4     |                      |             |             |                          |             |             |                                                  |             |             |                      |             |             | 10    |
| 32           | 5     |                      |             |             | 10                       |             |             |                                                  |             |             |                      |             |             |       |
| 63           | 3     |                      |             |             | 361 306 SW               |             |             | 361 406 SW<br>361 SW                             |             |             |                      |             |             | 5     |
| 63           | 4     |                      |             |             |                          |             |             |                                                  |             |             |                      |             |             | 5     |
| 63           | 5     |                      |             |             | 5                        |             |             |                                                  |             |             |                      |             |             |       |
| 125          | 3     |                      |             |             | 379 306 SW <sup>2)</sup> |             |             | 379 406 SW <sup>2)</sup><br>379 SW <sup>2)</sup> |             |             |                      |             |             | 2     |
| 125          | 4     |                      |             |             |                          |             |             |                                                  |             |             |                      |             |             | 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 |



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.



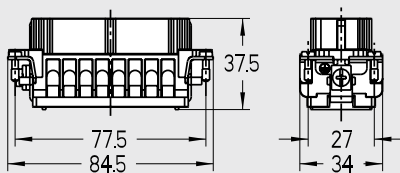
| Amp.  | 16  |     |     | 32  |     |     | 63  |     |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Poles | 3   | 4   | 5   | 3   | 4   | 5   | 3   | 4   | 5   |
| a     | 60  | 60  | 60  | 60  | 60  | 60  | 85  | 85  | 85  |
| b     | 60  | 60  | 60  | 60  | 60  | 60  | 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

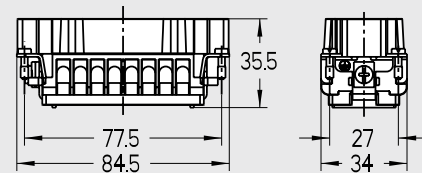
63 A: IP 44, flange dimensions 107 x 100,  
fingerproof acc. to BGV A3

125 A: IP 67<sup>3)</sup>

Female insert 710 116 / 710 116 01



Male insert 710 216 / 710 216 01

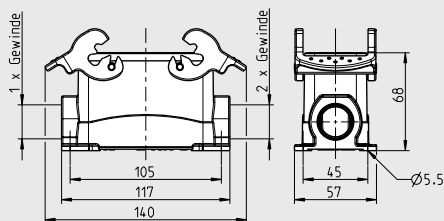


**Female insert, screw terminals,** wire protection, series B16, 0,5-2,5 mm<sup>2</sup> (20-14 AWG)

**Female insert, insulation displacement connection,** series B16, 0,5-2,5 mm<sup>2</sup> (20-14 AWG)

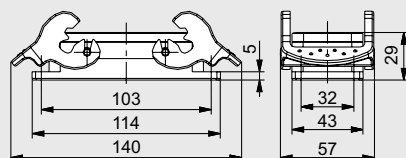
**Male insert, screw terminals,** wire protection, series B 16, 0,5-2,5 mm<sup>2</sup> (20-14 AWG)

**Male insert, insulation displacement connection,** series B16, 0,5-2,5 mm<sup>2</sup> (20-14 AWG)



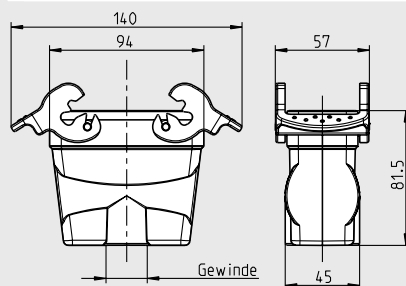
### Wall mount housings

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



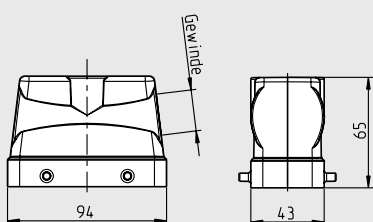
### Panel housing

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

| Ampère | Poles | 110 V<br>50 a. 60 Hz |             |             | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | Accessories |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|-------------|
|        |       | 3pole<br>4h          | 4pole<br>4h | 5pole<br>4h | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h |             |



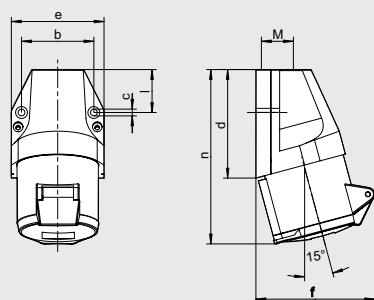
Also available as 6, 10 and 24 pole versions

|     |   |                          | Part numbers             |                                                                                                         |            |    |
|-----|---|--------------------------|--------------------------|---------------------------------------------------------------------------------------------------------|------------|----|
| 16  | 3 | 410 304 SW               | 410 306 SW               | 410 406 SW<br>410 SW                                                                                    | 10         |    |
| 16  | 4 |                          |                          |                                                                                                         | 10         |    |
| 16  | 5 |                          |                          |                                                                                                         | 10         |    |
| 32  | 3 |                          | 430 306 SW               |                                                                                                         |            | 10 |
| 32  | 4 |                          |                          |                                                                                                         | 430 406 SW | 10 |
| 32  | 5 |                          |                          |                                                                                                         | 430 SW     | 10 |
| 63  | 3 |                          | 460 306 SW               |                                                                                                         |            | 5  |
| 63  | 4 |                          |                          |                                                                                                         | 460 406 SW | 5  |
| 63  | 5 |                          |                          |                                                                                                         | 460 SW     | 5  |
| 125 | 3 |                          | 479 306 SW <sup>3)</sup> |                                                                                                         |            | 2  |
| 125 | 4 | 479 406 SW <sup>3)</sup> |                          | 2                                                                                                       |            |    |
| 125 | 5 | 479 SW <sup>3)</sup>     |                          | 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         |    |
| 16  |   |                          |                          | <br>M 25<br>719 630  | 10         |    |
| 16  |   |                          | P711016MSSW              | M 32<br>719 631                                                                                         | 10         |    |
| 16  |   |                          |                          |                                                                                                         |            |    |
| 16  |   |                          | 714 116 SW               |                                                                                                         | 10         |    |
| 16  |   |                          |                          | <br>M 25<br>719 630 | 10         |    |
| 16  |   |                          | P 713 616 SW             | M 32<br>719 631                                                                                         | 10         |    |
| 16  |   |                          | P 753 772 SW             |                                                                                                         |            |    |
| 16  |   |                          |                          | <br>M 25<br>719 630 | 10         |    |
| 16  |   |                          | P 718 016 SW             | M 32<br>719 631                                                                                         | 10         |    |



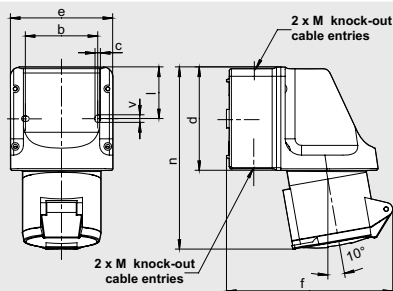
The here listed 63 A + 125 A panel sockets are also available with **pilot contact**.  
To order them, simply add a „P“ behind the part number.





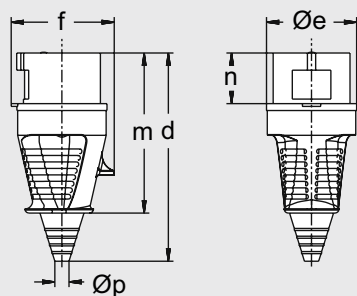
|              |           |           |
|--------------|-----------|-----------|
| <b>Amp.</b>  | <b>16</b> | <b>32</b> |
| <b>Poles</b> | <b>7</b>  | <b>7</b>  |
| b            | 60        | 60        |
| c            | 5,3       | 5,3       |
| d            | 80        | 97        |
| e          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

**Wall sockets,**  
external fixing,  
1 top cable entry,  
IP 44 ▲



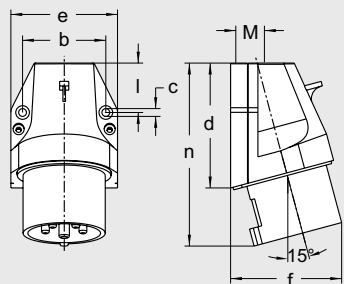
|              |           |           |
|--------------|-----------|-----------|
| <b>Amp.</b>  | <b>16</b> | <b>32</b> |
| <b>Poles</b> | <b>7</b>  | <b>7</b>  |
| b            | 66,5      | 66,5      |
| c            | 5         | 5         |
| d            | 96        | 96        |
| e            | 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 ▲



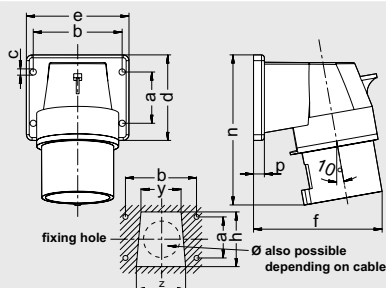
|              |           |           |
|--------------|-----------|-----------|
| <b>Amp.</b>  | <b>16</b> | <b>32</b> |
| <b>Poles</b> | <b>7</b>  | <b>7</b>  |
| d            | 153       | 181       |
| Øe           | 65        | 72        |
| f            | 75        | 88        |
| m          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

**Plugs,**  
flexible cable entry,  
IP 44 ▲



|              |           |           |
|--------------|-----------|-----------|
| <b>Amp.</b>  | <b>16</b> | <b>32</b> |
| <b>Poles</b> | <b>7</b>  | <b>7</b>  |
| 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        |

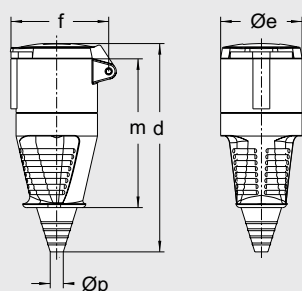
**Wall mount appliance inlets,**  
external fixing,  
1 top cable entry,  
IP 44 ▲



|              |           |           |
|--------------|-----------|-----------|
| <b>Amp.</b>  | <b>16</b> | <b>32</b> |
| <b>Poles</b> | <b>7</b>  | <b>7</b>  |
| 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 ▲



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

**Couplers,**  
flexible cable entry,  
IP 44 ▲

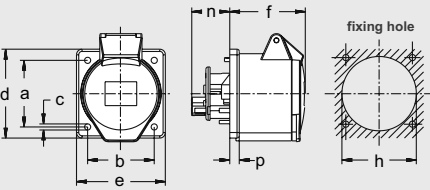
## 7-pole plugs & sockets

| Ampère | Poles | 230 V<br>50 a. 60 Hz |             |             | 400 V<br>50 a. 60 Hz |             |             | 500 V<br>50 a. 60 Hz |             |             |  |
|--------|-------|----------------------|-------------|-------------|----------------------|-------------|-------------|----------------------|-------------|-------------|-------------------------------------------------------------------------------------|
|        |       | 3pole<br>6h          | 4pole<br>9h | 5pole<br>9h | 3pole<br>9h          | 4pole<br>6h | 5pole<br>6h | 3pole<br>7h          | 4pole<br>7h | 5pole<br>7h |                                                                                     |



|    |   |         |  | Part numbers |  |         |  |    |  |
|----|---|---------|--|--------------|--|---------|--|----|--|
| 16 | 7 | 110 709 |  | 110 706      |  | 110 707 |  | 10 |  |
| 32 | 7 | 130 709 |  | 130 706      |  | 130 707 |  | 10 |  |
|    |   |         |  |              |  |         |  |    |  |
| 16 | 7 | 111 709 |  | 111 706      |  | 111 707 |  | 5  |  |
| 32 | 7 | 131 709 |  | 131 706      |  | 131 707 |  | 5  |  |
|    |   |         |  |              |  |         |  |    |  |
| 16 | 7 | 210 709 |  | 210 706      |  | 210 707 |  | 10 |  |
| 32 | 7 | 230 709 |  | 230 706      |  | 230 707 |  | 10 |  |
|    |   |         |  |              |  |         |  |    |  |
| 16 | 7 | 610 709 |  | 610 706      |  | 610 707 |  | 10 |  |
| 32 | 7 | 630 709 |  | 630 706      |  | 630 707 |  | 10 |  |
|    |   |         |  |              |  |         |  |    |  |
| 16 | 7 | 611 709 |  | 611 706      |  | 611 707 |  | 10 |  |
| 32 | 7 | 631 709 |  | 631 706      |  | 631 707 |  | 10 |  |
|    |   |         |  |              |  |         |  |    |  |
| 16 | 7 | 310 709 |  | 310 706      |  | 310 707 |  | 10 |  |
| 32 | 7 | 330 709 |  | 330 706      |  | 330 707 |  | 10 |  |

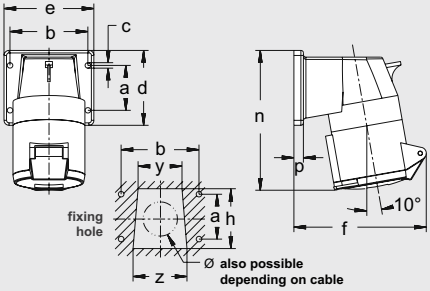




|       |      |      |
|-------|------|------|
| Amp.  | 16   | 32   |
| Poles | 7    | 7    |
| a     | 60   | 60   |
| b     | 60   | 60   |
| c     | 5,5  | 5,5  |
| d     | 80   | 80   |
| e     | 80   | 80   |
| f     | 60   | 60   |
| h     | 67   | 71   |
| n     | 23,5 | 23,5 |
| p     | 8,5  | 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<br>50 a. 60 Hz | 400 V<br>50 a. 60 Hz | 500 V<br>50 a. 60 Hz |  |
|--------|-------|----------------------|----------------------|----------------------|-------------------------------------------------------------------------------------|
|        |       | 3pole<br>6h          | 4pole<br>9h          | 5pole<br>9h          |                                                                                     |
|        |       | Part numbers         |                      |                      |                                                                                     |
|        |       | 3pole<br>6h          | 4pole<br>9h          | 5pole<br>9h          |                                                                                     |
| 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                                                                                  |



7-pole plugs and sockets

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

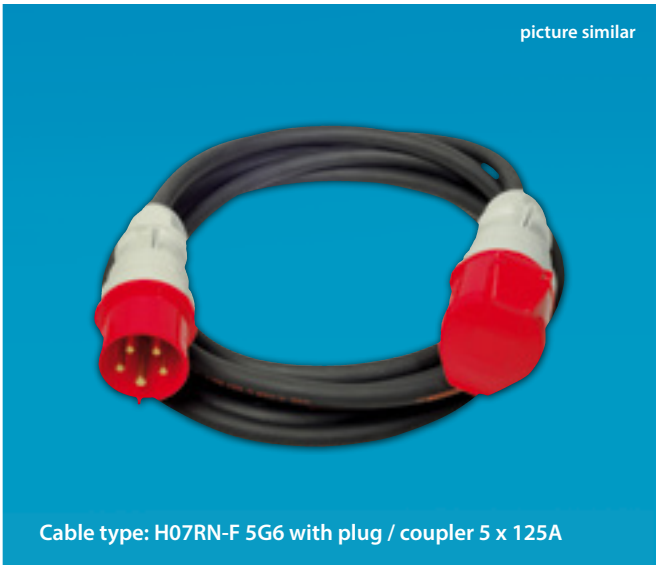
If an electrical drive is operated via a plug and socket device, e.g. star-delta starting, Dalander connection or conveyor belt systems, then 7-pole plugs and sockets have to be used.





| 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                                                                        |



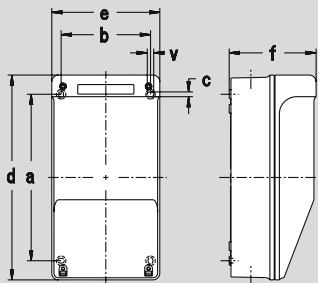


| Ampère   | 63 A            |                     | 125 A           |  |
|----------|-----------------|---------------------|-----------------|--|
| Part no. | IP 44 ⚡         | IP 67 💧             | IP 67 💧         |  |
| 5 m      | 39 6 005 16 050 | 39 6 005 16 050 067 | 39 7 005 35 050 |  |
| 10 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

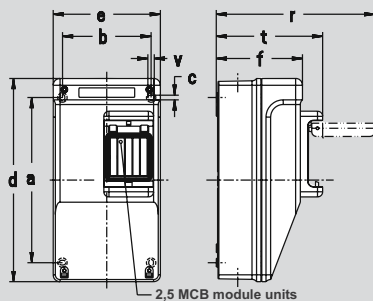
Cable entry 2 x on top and bottom M 20/25, knock-out

657



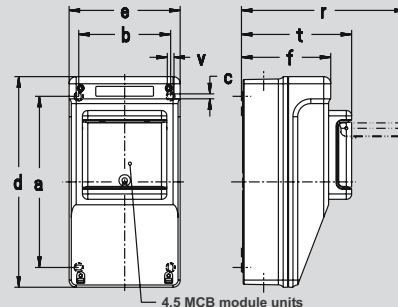
| a   | b   | c   | d   | e   | f     | v   | M     |
|-----|-----|-----|-----|-----|-------|-----|-------|
| 192 | 103 | 5,5 | 237 | 125 | 100,5 | 7,5 | 20/25 |

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 |



657 01 05

stock item



658 01 05

stock item

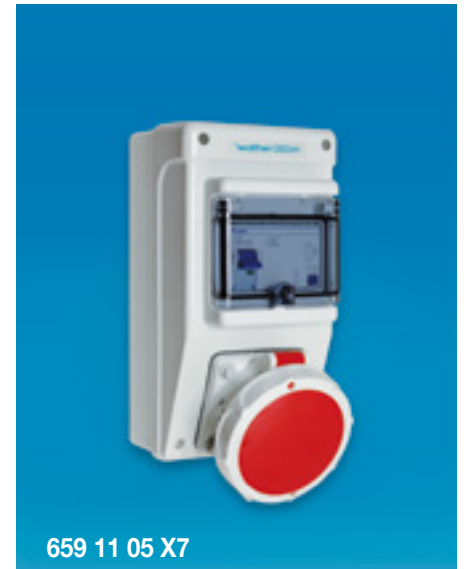


659 00 01

stock item

Plastic enclosure, wall mount, wired ready for connection

| Part no.  | CEE panel sockets 5-pole 400 V |      |      |      | 3-pole 230 V<br>16 A | Schuko<br>16 A | Protection<br>MCB | RCD         | IP degree |       |
|-----------|--------------------------------|------|------|------|----------------------|----------------|-------------------|-------------|-----------|-------|
|           | 125 A                          | 63 A | 32 A | 16 A |                      |                |                   |             | 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 | ●         |       |
|           |                                |      |      |      |                      |                |                   |             |           |       |



Plastic enclosure, wall mount, wired ready for connection

| Part no.     | CEE panel sockets 5-pole 400 V |      |      |      | 3-pole 230 V<br>16 A | Schuko<br>16 A | Neozed | Protection     |                    | IP degree |       |
|--------------|--------------------------------|------|------|------|----------------------|----------------|--------|----------------|--------------------|-----------|-------|
|              | 125 A                          | 63 A | 32 A | 16 A |                      |                |        | MCB            | RCD                | 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 | ●         |       |
|              |                                |      |      |      |                      |                |        |                |                    |           |       |

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

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

Technical drawing of the 1000mm x 1000mm x 100mm cabinet. The drawing includes a front view and a side view. The front view shows a square cabinet with dimensions:  $a$  (height of the upper section),  $b$  (width of the upper section),  $c$  (height of the lower section), and  $e$  (total width). The side view shows the depth of the cabinet, labeled  $f$ . The drawing also indicates the location of the four casters at the base corners.

| a   | b   | c   | d   | e   | f   | M        |
|-----|-----|-----|-----|-----|-----|----------|
| 165 | 151 | 6.5 | 237 | 183 | 152 | 25/32/40 |

[illegible]

| a   | b   | c   | d   | e   | f   | r   | M        |
|-----|-----|-----|-----|-----|-----|-----|----------|
| 165 | 151 | 6.5 | 237 | 183 | 152 | 241 | 25/32/40 |



stock  
item

**Plastic enclosure, wall mount,** wired ready for connection

[illegible]



Plastic enclosure, wall mount, wired ready for connection

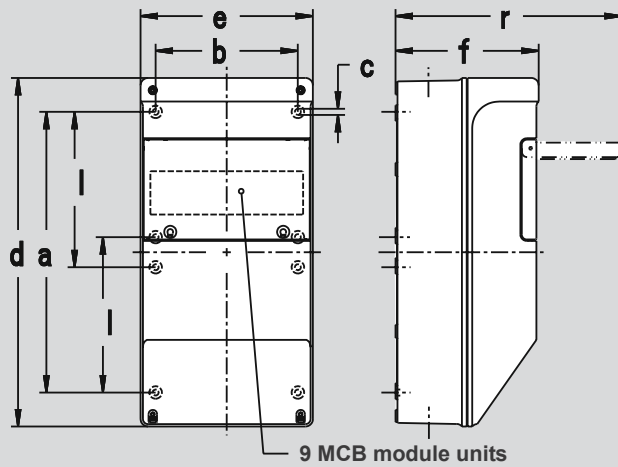
| Part no.  | CEE panel sockets 5-pole 400 V |      |      |      | 3-pole 230 V<br>16 A | Schuko<br>16 A | Neozed | Protection                       |             | IP degree |       |
|-----------|--------------------------------|------|------|------|----------------------|----------------|--------|----------------------------------|-------------|-----------|-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



## 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 |



Plastic enclosure, wall mount, wired ready for connection

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



Plastic enclosure, wall mount, wired ready for connection

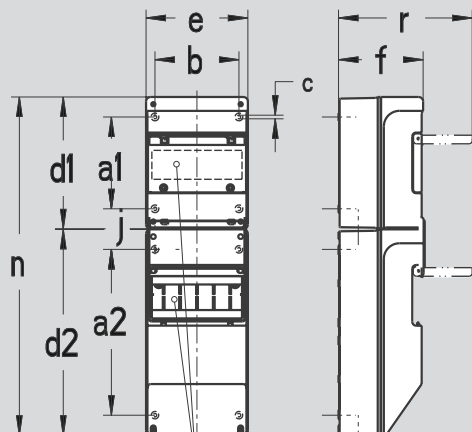
| Part no.  | CEE panel sockets 5-pole 400 V |      |      |      | 3-pole 230 V<br>16 A | Schuko<br>16 A | Neozed | Protection                                         |             | Terminal<br>block K25 | IP degree |       |
|-----------|--------------------------------|------|------|------|----------------------|----------------|--------|--------------------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



2 x 9 MCB module units

| 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 |



699 03 01



699 12 03



699 30 09



699 31 02

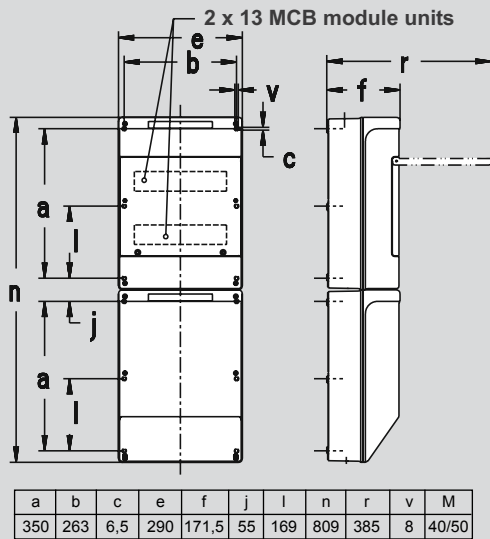
Plastic enclosure, wall mount, wired ready for connection

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



Plastic enclosure, wall mount, wired ready for connection

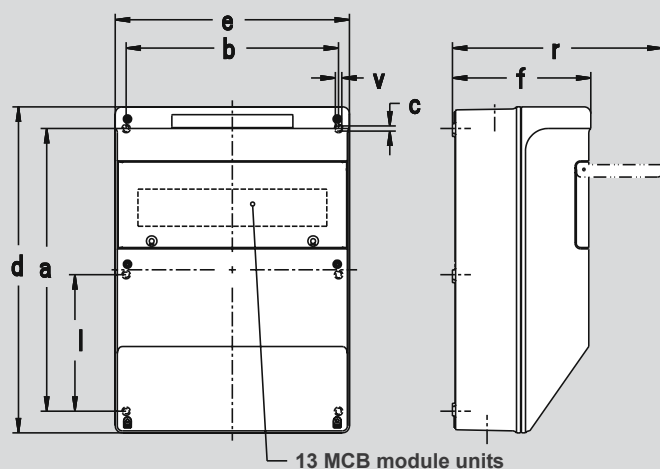
| Part no.  | CEE panel sockets 5-pole 400 V |      |      |      | 3-pole 230 V<br>16 A | Schuko<br>16 A | Neozed | Protection                                                           |                                               | Terminal<br>block | IP degree |       |
|-----------|--------------------------------|------|------|------|----------------------|----------------|--------|----------------------------------------------------------------------|-----------------------------------------------|-------------------|-----------|-------|
|           | 125 A                          | 63 A | 32 A | 16 A |                      |                |        | MCB                                                                  | RCD                                           |                   | IP 44     | IP 67 |
| 685 34 01 |                                |      | 3    | 3    |                      | 3              |        | 3 x C32/3-pole<br>3 x C16/3-pole<br>3 x B16/1-pole                   | 4/40/0,03 A<br><i>only for Schuko</i>         | K35 5-pole        | ●         |       |
| 685 44 01 |                                | 1    | 1    | 1    |                      | 3              |        | 1 x C63/3-pole<br>1 x C32/3-pole<br>1 x C16/3-pole<br>3 x B16/1-pole | 2 x 4/63/0,03 A<br>1 x main switch<br>3/125 A | K35 5-pole        | ●         |       |
| 685 47 01 |                                | 1    | 2    | 2    |                      | 3              |        | 1 x C63/3-pole<br>2 x C32/3-pole<br>2 x C16/3-pole<br>3 x B16/1-pole | 4/40/0,03 A<br><i>only for Schuko</i>         | K35 5-pole        | ●         |       |
| 685 91 AC | 1                              | 1    | 1    | 1    |                      | 4              |        | 1 x C63/3-pole<br>1 x C32/3-pole<br>1 x C16/3-pole<br>4 x B16/1-pole | 4/125/0,03 A                                  | K50 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



13 MCB module units

| 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 |      |      |      | 3-pole 230 V<br>16 A | Schuko<br>16 A | Protection                                         | RCD         | Terminal<br>block K25 | IP degree |       |
|--------------|--------------------------------|------|------|------|----------------------|----------------|----------------------------------------------------|-------------|-----------------------|-----------|-------|
|              | 125 A                          | 63 A | 32 A | 16 A |                      |                |                                                    |             |                       | IP 44     | IP 67 |
| 682 02 02 X7 |                                |      |      | 2    |                      | 3              | 2 x C16/3-pole<br>3 x C16/1-pole                   | 4/63/0,03 A | 10-pole               |           | ●     |
| 682 03 01    |                                |      |      | 3    |                      | 4              | 3 x C16/3-pole<br>4 x B16/1-pole                   |             | 10-pole               | ●         |       |
| 682 12 06    |                                |      | 2    |      |                      | 3              | 2 x C32/3-pole<br>3 x B16/1-pole                   | 4/63/0,03 A | 10-pole               | ●         |       |
| 682 30 02    |                                |      | 1    | 1    |                      | 3              | 1 x C32/3-pole<br>1 x C16/3-pole<br>3 x B16/1-pole | 4/63/0,03 A | 10-pole               |           | ●     |
|              |                                |      |      |      |                      |                |                                                    |             |                       |           |       |





Plastic enclosure, wall mount, wired ready for connection

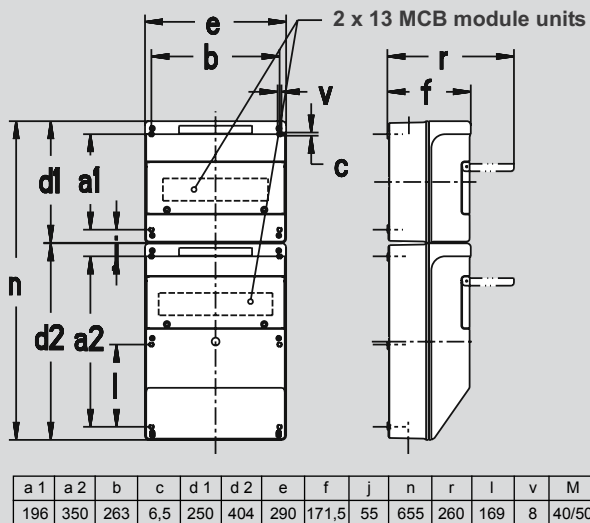
| Part no.     | CEE panel sockets 5-pole 400 V |      |      |      | 3-pole 230 V<br>16 A | Schuko<br>16 A | Neozed | Protection                                         |             | Terminal<br>block K25 | IP degree |       |
|--------------|--------------------------------|------|------|------|----------------------|----------------|--------|--------------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



Plastic enclosure, wall mount, wired ready for connection

| Part no.  | CEE panel sockets 5-pole 400 V |      |      |      | 3-pole 230 V<br>16 A | Schuko<br>16 A | Neozed | Protection                                         |             | Terminal<br>block K25 | IP degree |       |
|-----------|--------------------------------|------|------|------|----------------------|----------------|--------|----------------------------------------------------|-------------|-----------------------|-----------|-------|
|           | 125 A                          | 63 A | 32 A | 16 A |                      |                |        | MCB                                                | RCD         |                       | IP 44     | IP 67 |
| 689 03 01 |                                |      |      | 3    |                      | 4              |        | 3 x C16/3-pole<br>4 x B16/1-pole                   | 4/63/0,03 A | 10-pole               | ●         |       |
| 689 04 01 |                                |      |      | 4    |                      | 2              |        | 4 x C16/3-pole<br>2 x B16/1-pole                   | 4/63/0,03 A | 10-pole               | ●         |       |
| 689 30 06 |                                |      | 1    | 1    |                      | 6              |        | 1 x C32/3-pole<br>1 x C16/3-pole<br>6 x C16/1-pole | 4/63/0,03 A | 10-pole               | ●         |       |
| 689 31 02 |                                |      | 1    | 2    |                      | 4              |        | 1 x C32/3-pole<br>2 x C16/3-pole<br>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 |      |      |      | 3-pole 230 V<br>16 A | Schuko<br>16 A | Neozed                                             | Protection                                         |             | Terminal<br>block K25 | IP degree |       |
|-----------|--------------------------------|------|------|------|----------------------|----------------|----------------------------------------------------|----------------------------------------------------|-------------|-----------------------|-----------|-------|
|           | 125 A                          | 63 A | 32 A | 16 A |                      |                |                                                    | MCB                                                | RCD         |                       | IP 44     | IP 67 |
| 689 32 01 |                                |      | 2    | 1    |                      | 4              |                                                    | 2 x C32/3-pole<br>1 x C16/3-pole<br>4 x B16/1-pole | 4/63/0,03 A | 10-pole               | ●         |       |
| 689 33 01 |                                |      | 2    | 2    |                      | 2              |                                                    | 2 x C32/3-pole<br>2 x C16/3-pole<br>2 x B16/1-pole | 4/63/0,03 A | 10-pole               | ●         |       |
| 689 34 01 |                                |      | 2    | 3    |                      | 2              |                                                    | 2 x C32/3-pole<br>3 x C16/3-pole<br>2 x B16/1-pole | 4/63/0,03 A | 10-pole               | ●         |       |
| 689 35 01 |                                |      | 1    | 1    | 1                    | 3              | 1 x D02/3-pole<br>1 x D01/3-pole<br>4 x D01/1-pole |                                                    | 4/63/0,03 A | 10-pole               | ●         |       |
| 689 44 05 |                                | 1    | 1    | 1    |                      | 2              | 2 x D02/3-pole<br>1 x D01/3-pole<br>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<br>1 x C16/3-pole<br>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



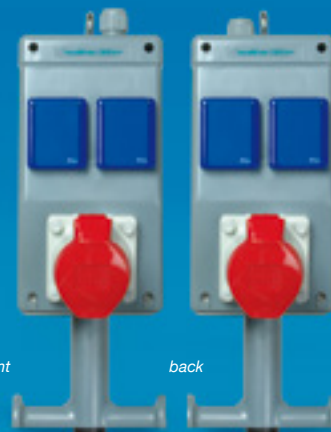
698 30 11 CB



682 30 06 CB



682 30 06 X7 CB

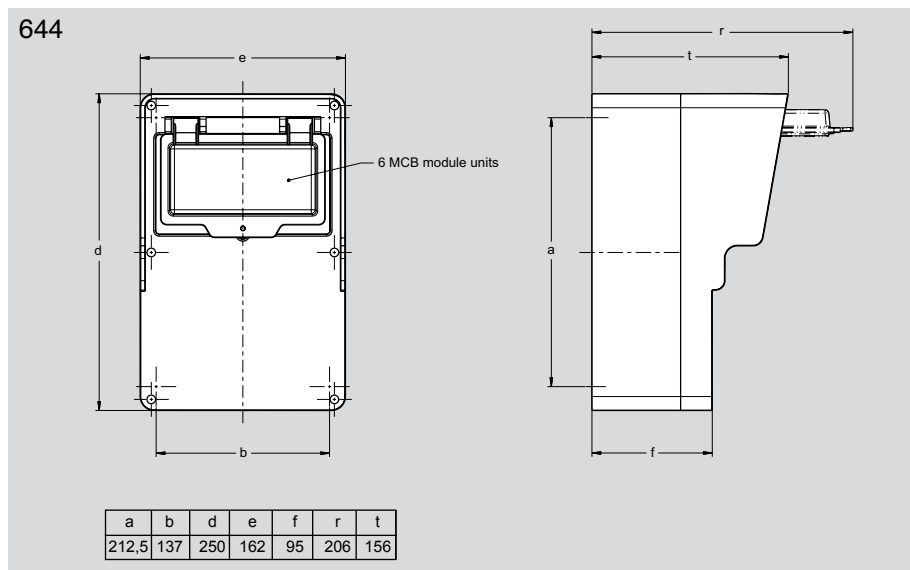


6H0 02 03 CB

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

| Part no.        | CEE panel sockets 5-pole 400 V |      |      |      | 3-pole 230 V<br>16 A | Schuko<br>16 A | Neozed | Protection                                         |             | Terminal<br>block | IP degree |       |
|-----------------|--------------------------------|------|------|------|----------------------|----------------|--------|----------------------------------------------------|-------------|-------------------|-----------|-------|
|                 | 125 A                          | 63 A | 32 A | 16 A |                      |                |        | MCB                                                | RCD         |                   | IP 44     | IP 67 |
| 657 01 06 X7CB  |                                |      |      | 1    |                      | 1              |        |                                                    |             | K6 5-pole         |           | ●     |
| 692 01 30 CB    |                                |      |      | 1    |                      | 2              |        | 1 x C16/3-pole<br>2 x B16/1-pole                   | 4/40/0,03 A | K25 5-pole        | ●         |       |
| 698 30 11 CB    |                                |      | 1    | 1    |                      | 2              |        | 1 x C16/3-pole<br>2 x B16/1-pole                   | 4/40/0,03 A | K25 10-pole       | ●         |       |
| 682 30 06 CB    |                                |      | 1    | 1    |                      | 2              |        | 1 x C32/3-pole<br>1 x C16/3-pole<br>2 x B16/1-pole | 4/40/0,03 A | K25 10-pole       | ●         |       |
| 682 30 06 X7 CB |                                |      | 1    | 1    |                      | 2              |        | 1 x C32/3-pole<br>1 x C16/3-pole<br>2 x B16/1-pole | 4/40/0,03 A | K25 10-pole       |           | ●     |
| 6H0 02 03 CB    |                                |      |      | 2    |                      | 4              |        |                                                    |             | K6 5-pole         | ●         |       |
|                 |                                |      |      |      |                      |                |        |                                                    |             |                   |           |       |

## Solid rubber socket combinations, wall-mount, enclosure 644



10

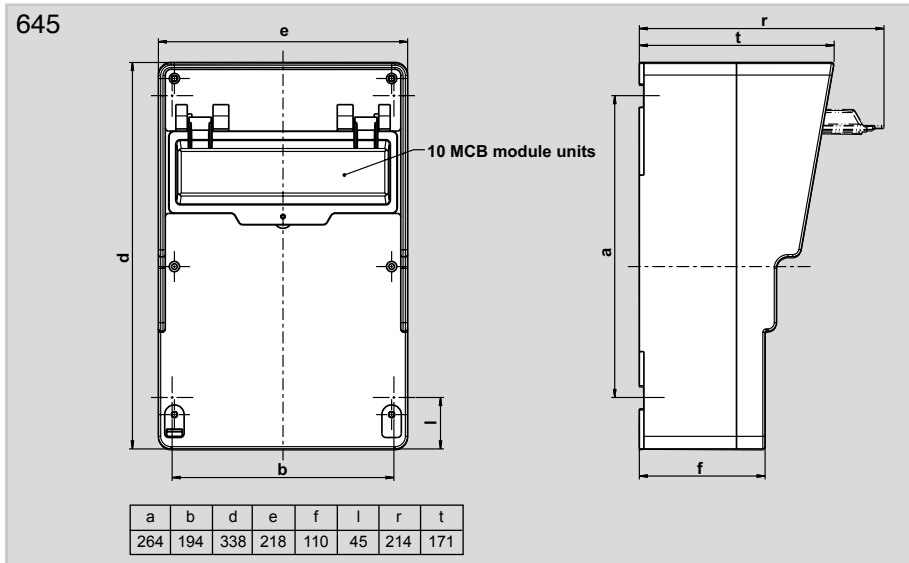
Plastic enclosure, wall mount, wired ready for connection

| Part no.  | CEE panel sockets 5-pole 400 V |      |      |      | 3-pole 230 V<br>16 A | Schuko<br>16 A | Neozed | Protection     |             | Terminal<br>block | IP degree |       |
|-----------|--------------------------------|------|------|------|----------------------|----------------|--------|----------------|-------------|-------------------|-----------|-------|
|           | 125 A                          | 63 A | 32 A | 16 A |                      |                |        | MCB            | RCD         |                   | IP 44     | IP 67 |
| 644 11 L0 |                                |      | 1    |      |                      |                |        |                |             |                   | ●         |       |
| 644 00 02 |                                |      |      |      |                      | 2              |        | 2 x C16/1-pole | 2/25/0,03 A | 5-pole K16        | ●         |       |
| 644 01 04 |                                |      |      | 1    |                      |                |        | 1 x C16/3-pole | 4/40/0,03 A | 5-pole K25        | ●         |       |
| 644 11 01 |                                |      | 1    |      |                      |                |        |                | 4/40/0,03 A | 5-pole K16        | ●         |       |
|           |                                |      |      |      |                      |                |        |                |             |                   |           |       |

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



**Solid rubber socket combinations, wall mount,  
enclosure 645**

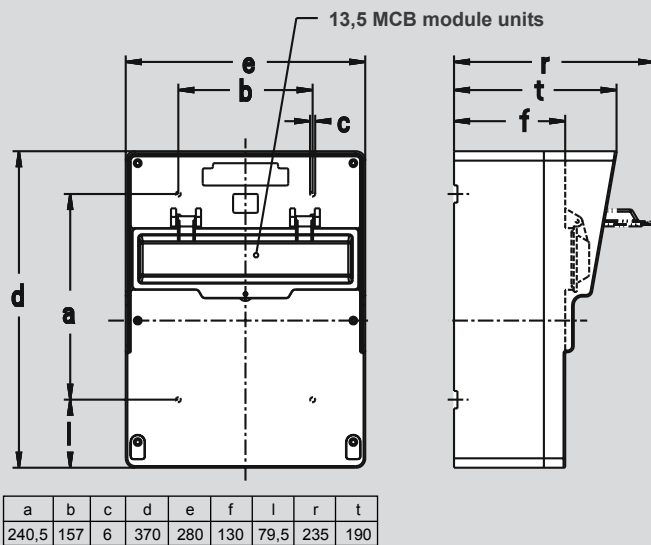


**Solid rubber enclosure, wall mount, wired ready for connection**

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

## Solid rubber socket combinations, wall-mount, enclosure 646

646



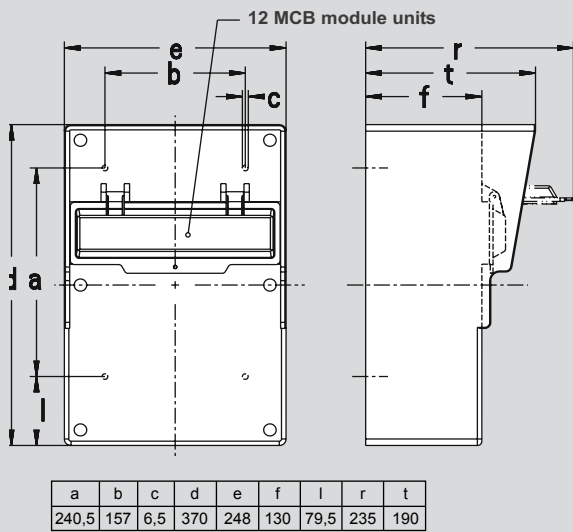
10

### Solid rubber enclosure, wall mount, wired ready for connection

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

Solid rubber socket combinations, wall mount, enclosure 647

647



647 02 01



647 30 02

stock item



647 30 AL

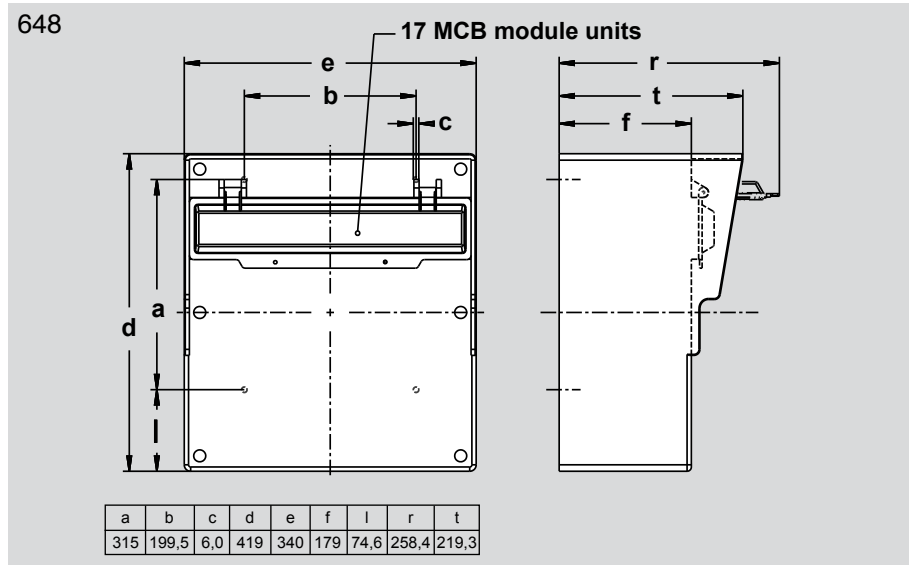


647 21 01

Solid rubber enclosure, wall mount, wired ready for connection

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

## Solid rubber socket combinations, wall-mount, enclosure 648



10

### Solid rubber enclosure, wall mount, wired ready for connection

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

## Plastic socket combinations with handle

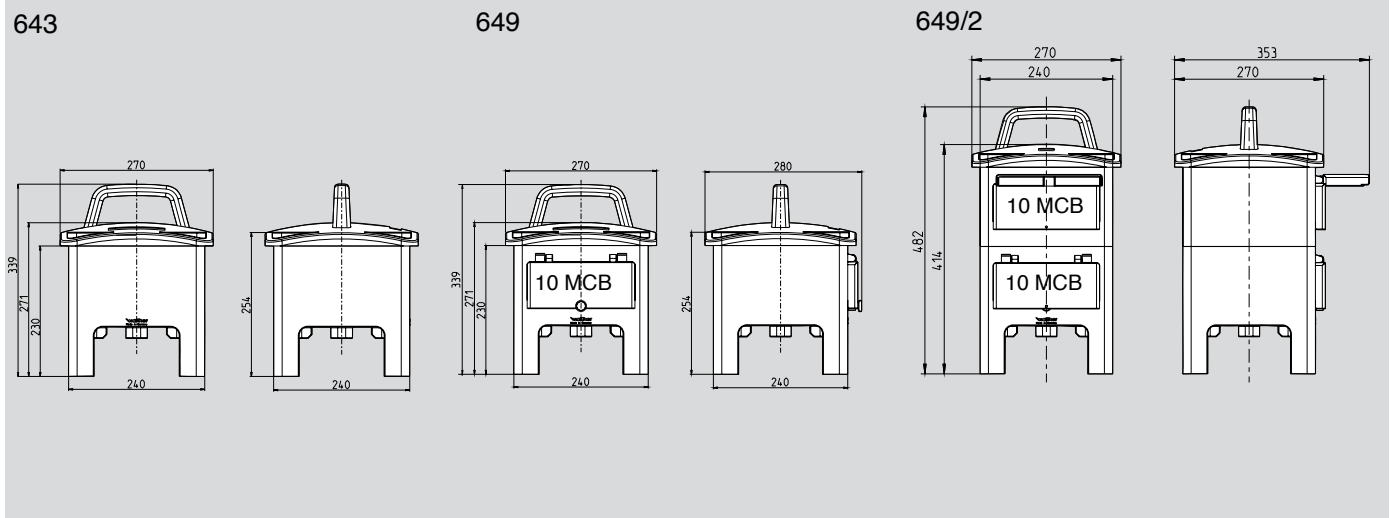


### Portable plastic distributors

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



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



10

### Portable solid rubber distributors

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

| Part no.    | CEE panel sockets 5-pole 400 V |      |      |      | Schuko<br>16 A | Supply<br>2 m supply line     | Panel mount<br>appliance inlet | Protection |             | IP degree |       |
|-------------|--------------------------------|------|------|------|----------------|-------------------------------|--------------------------------|------------|-------------|-----------|-------|
|             | 125 A                          | 63 A | 32 A | 16 A |                |                               |                                | MCB        | RCD         | IP 44     | IP 67 |
| 643 02 09 A |                                |      |      | 2    | 4              |                               | 16 A                           |            |             | ●         |       |
| 643 02 03 A |                                |      |      | 2    | 4              | H07RN-F5G2,5<br>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**



**Portable solid rubber distributors**

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

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

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



### Portable solid rubber distributors

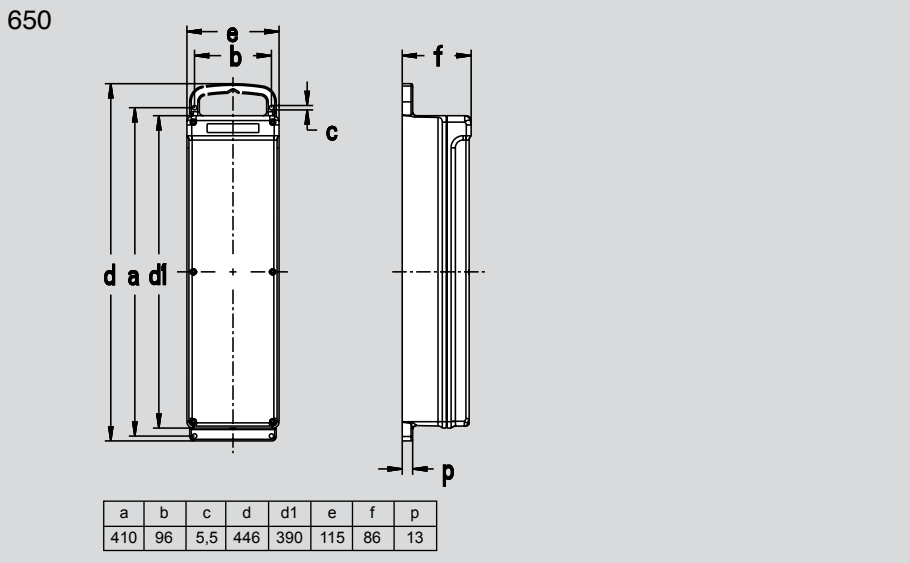
### Schuko sockets IP 54 acc. to DIN VDE 0620-1

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

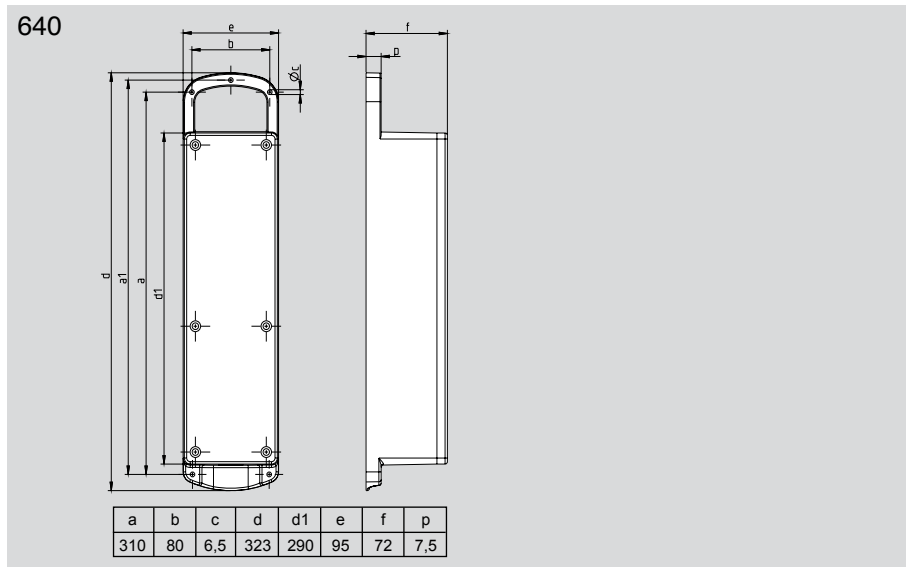
Cable entry 1 x M 20 / M 25, knock-out



Power strips, plastic

| Part no.  | CEE panel sockets 5-pole 400 V |      |      |      | 3-pole 230 V<br>16 A | Schuko<br>16 A | Supply<br>2 m supply line | Protection |             | Terminal<br>block K 6 | IP degree |       |
|-----------|--------------------------------|------|------|------|----------------------|----------------|---------------------------|------------|-------------|-----------------------|-----------|-------|
|           | 125 A                          | 63 A | 32 A | 16 A |                      |                |                           | MCB        | RCD         |                       | 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



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### Power strips, solid rubber

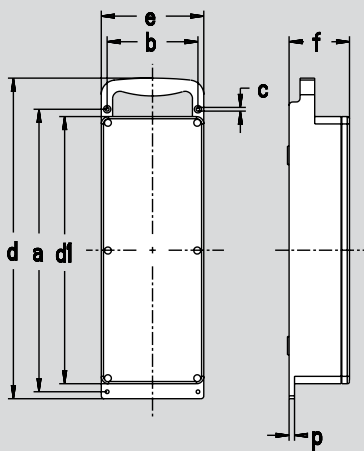
### Schuko sockets IP 54 acc. to DIN VDE 0620-1

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



**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 |

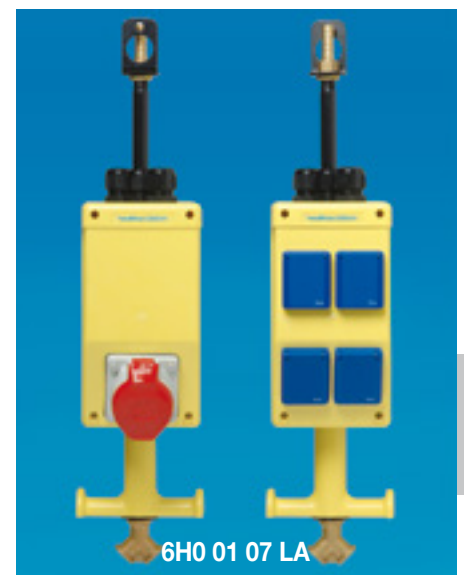
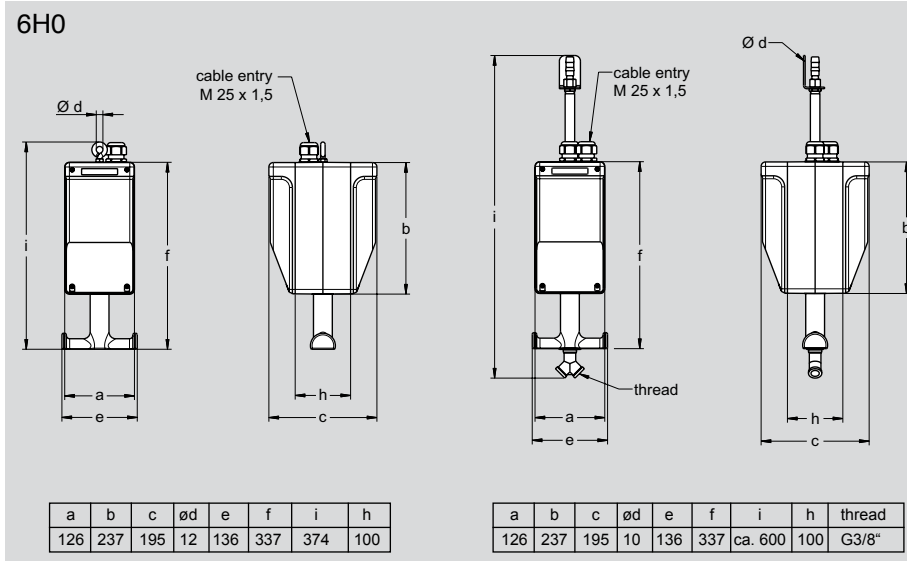


**Power strip, solid rubber**

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

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

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

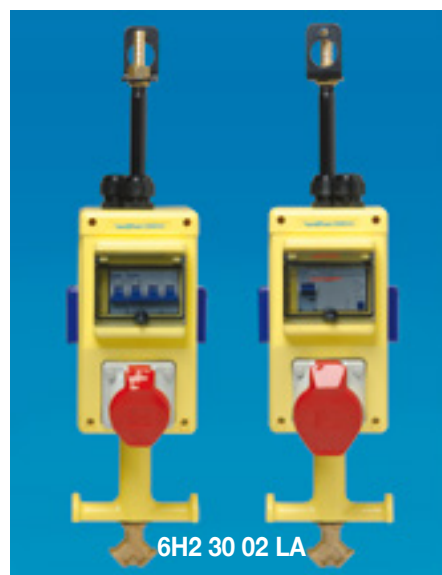
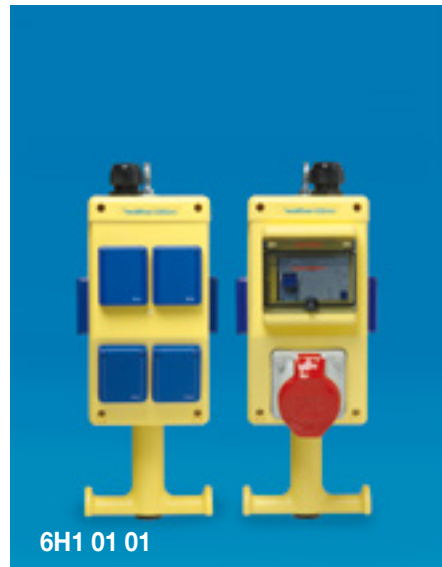
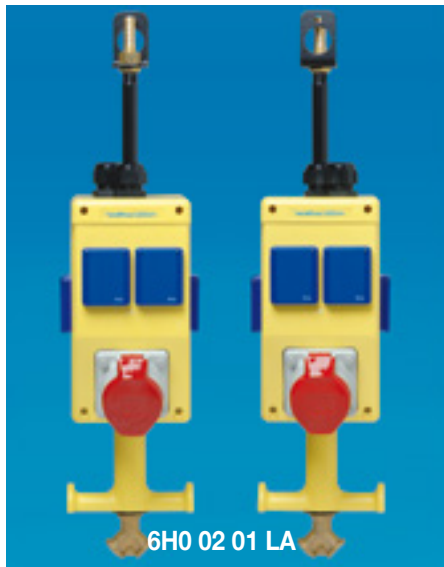


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### Suspension-type combination, plastic enclosure, wired ready for connection

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

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

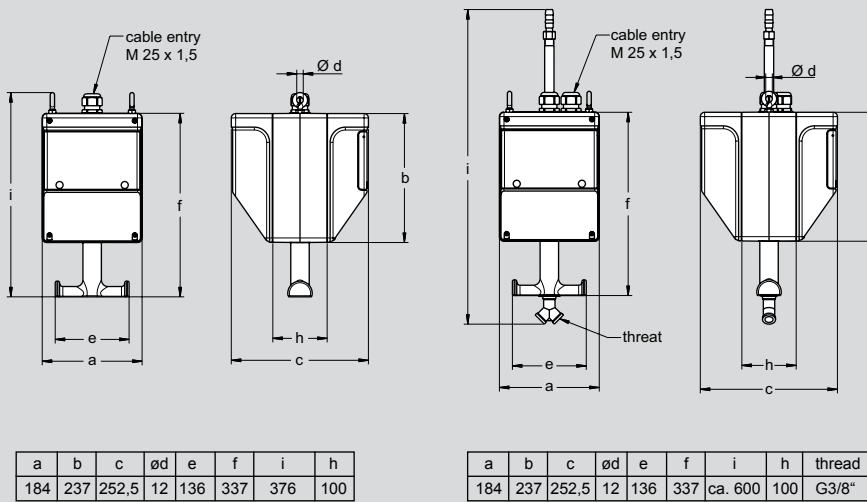


**Suspension-type combination, plastic enclosure, wired ready for connection**

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

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

6H3



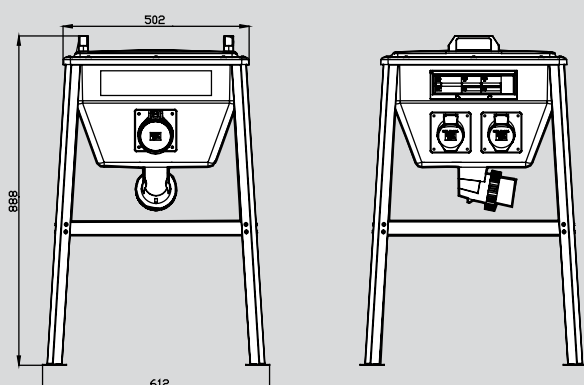
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### Suspension-type combination, plastic enclosure, wired ready for connection

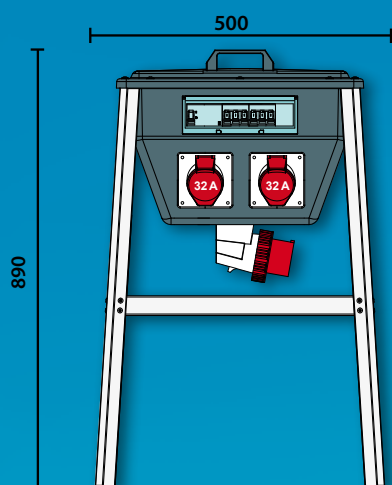
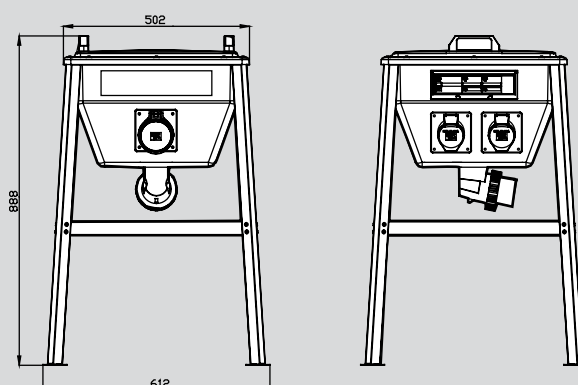
| Part no.     | CEE panel sockets 5-pole 400 V |      |      |      | Schuko<br>16 A | Data socket<br>2 RJ45 | Compressed air<br>connection 3/8 " | Protection                                         |             | IP degree |       |
|--------------|--------------------------------|------|------|------|----------------|-----------------------|-----------------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

## End distributors made of hard polyethylene

WEV5031



WEV5061



WEV 5031



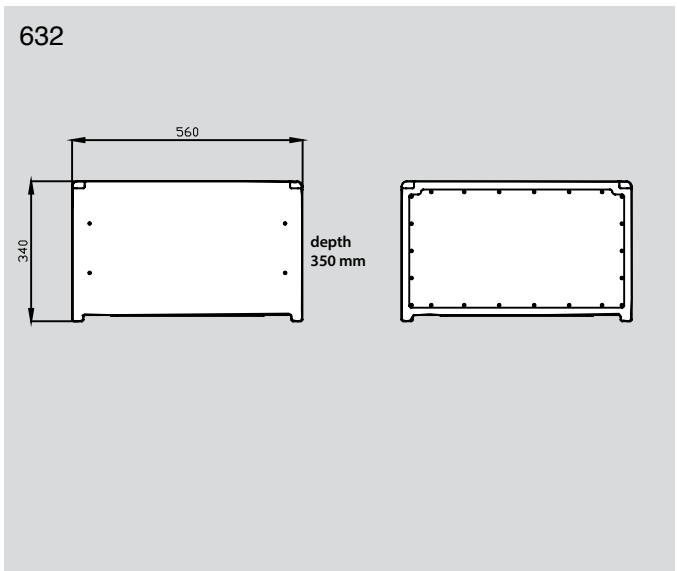
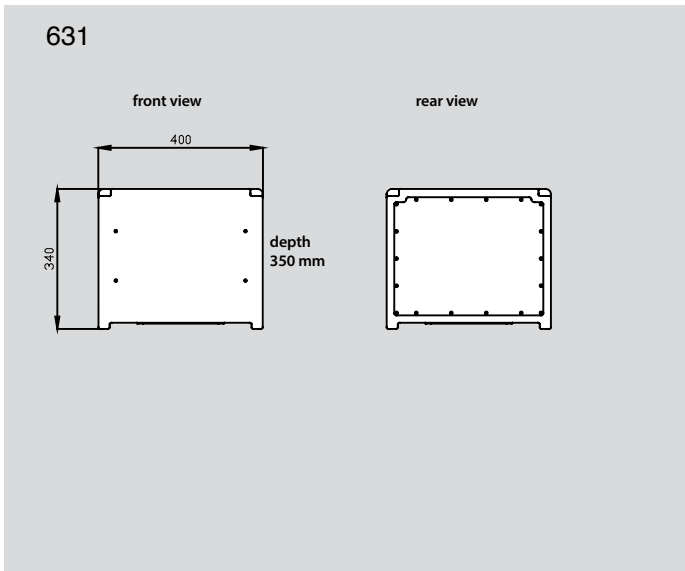
WEV 5061

### Mobile hard polyethylene distributors

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



Event distributors, stackable



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Extremely robust event distributors made of polyethylene

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

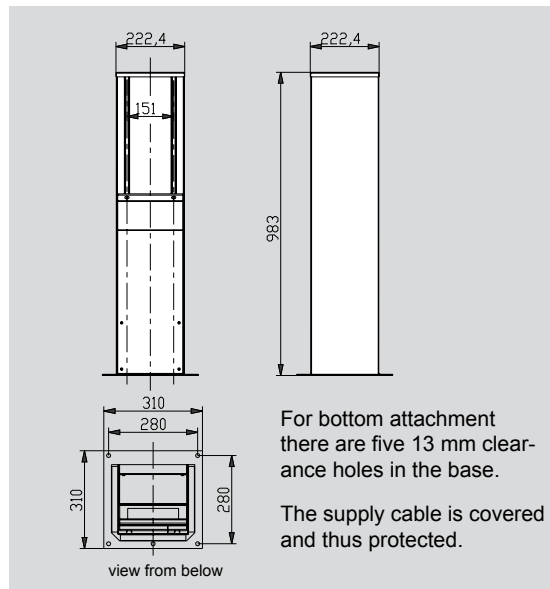
## Stainless steel pillars

Pillars made of stainless steel, steel grade 1.4301

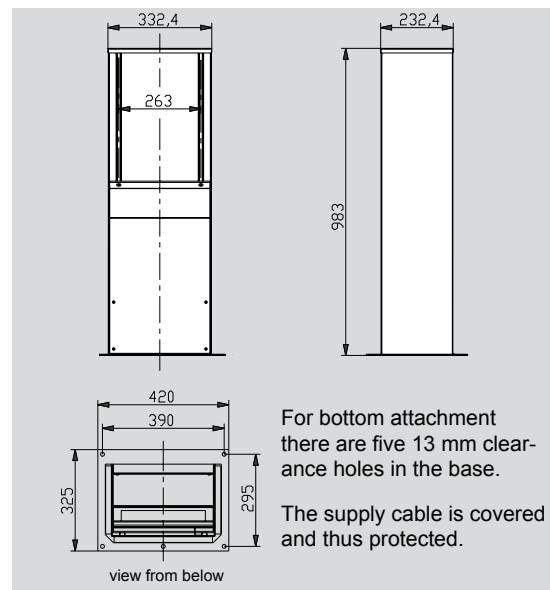
### Available on request:

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

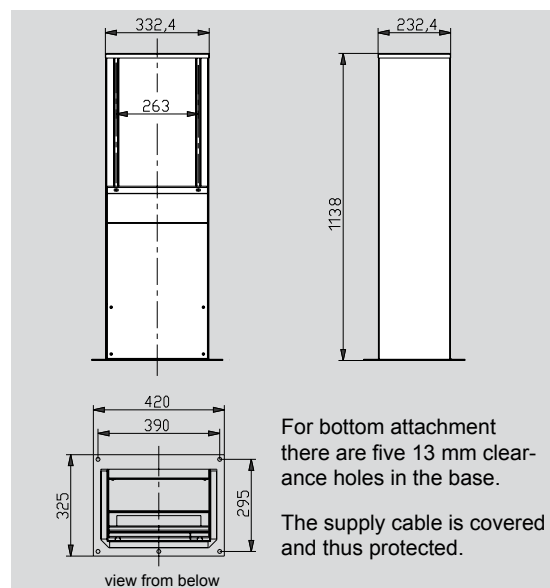
With connections for compressed air and water.



For installation of these enclosure series:



For installation of these enclosure series:



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

## CEEtyp Socket combinations 680

for supply lines  
up to 95 mm<sup>2</sup>

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.



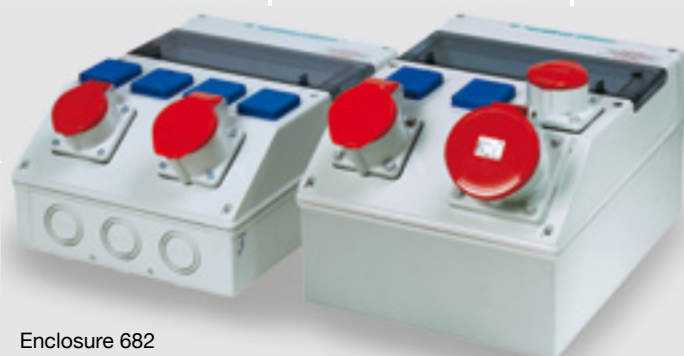
Cable grommets  
for cable diameters  
of 14 - 58 mm

**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 mm<sup>2</sup> 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)

### Suspension-type combi:

☐ Plastic (PC/ABS)

### Portable combination:

☐ Solid rubber

☐ Plastic

☐ Hard polyethylene

### Portable power strips:

☐ Plastic (PC/ABS)

☐ Solid rubber

### Mounted in stainless steel pillar:

☐ Plastic (PC/ABS)

☐ Plastic (PBT)

☐ 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<br>Poles | Electrical interlocking | other |
|--------------|----------------|-------|---------|---------|---------|----------------|---------------------------|-------------------------|-------|
|              | Qty.           | Poles | Current | Voltage | Current | Characteristic |                           |                         |       |
| 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<sub>pr.</sub> ..... V U<sub>sec.</sub> ..... V

**Control lamp** ☐ yes ☐ no **Emergency stop** ☐ yes ☐ no

**Connection** Wall mount combi: Supply line from: M-entry Terminal block

☐ top ☐ 20 ☐ 25 ☐ 32 ☐ without

☐ bottom ☐ 50 ☐ 63

Portable combi: ☐ plug + connecting line..... mm<sup>2</sup>, length: ..... m

Power strip: ☐ plug + connecting line..... mm<sup>2</sup>, length: ..... m

☐ tie line ..... mm<sup>2</sup>

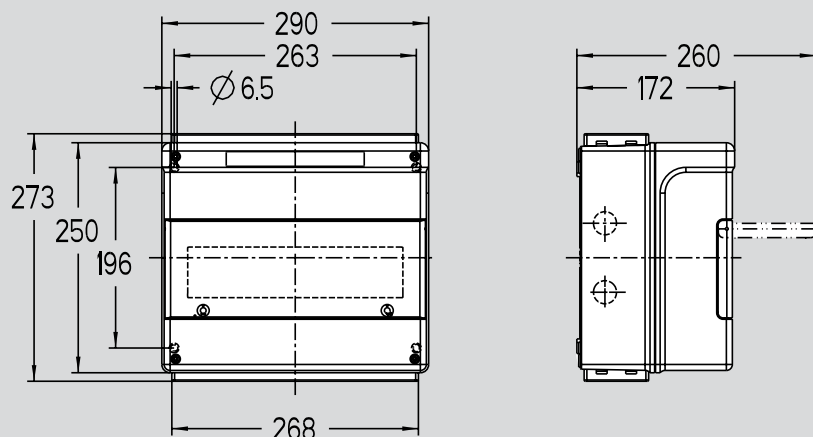
☐ ring main ..... mm<sup>2</sup>

☐ appliance inlet

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



**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

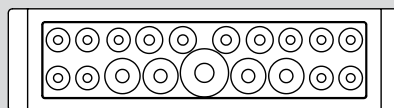


**Cable entry**

**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

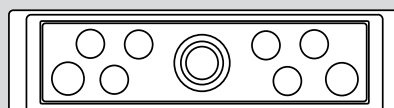
**Part number**

**IV 113 15**

**Knockouts**

- with complete cable glands IP 65

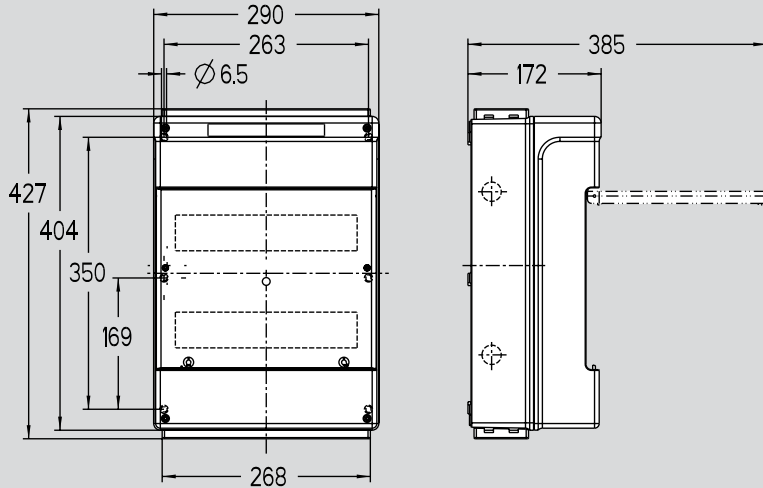
- 1 x M 32/40
- 2 x M 25
- 6 x M 20



top and bottom

**IV 113 26**

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



IV 126 15



### 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:

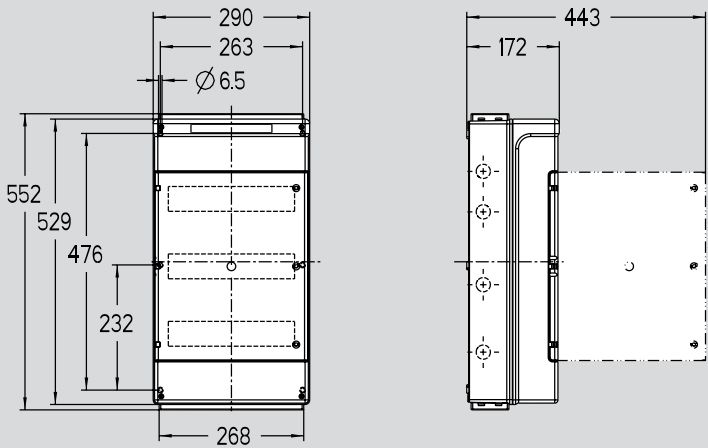
- 2 x DIN rail for snap-mounted devices
- 2 x PE/N terminal, 17-pole
- 1 x mounting instruction
- 1 x labeling strip
- 4 x sealing plug
- 1 x cable cover



IV 126 26

| Cable entry                                                                                                                                                 |                       | Part number |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|
| <b>Seal membranes</b><br>- IP 67<br><br>10 x $\varnothing$ 7-12 mm<br>4 x $\varnothing$ 7-15 mm<br>4 x $\varnothing$ 11-20 mm<br>1 x $\varnothing$ 16-29 mm | <p>top and bottom</p> | IV 126 15   |
| <b>Knockouts</b><br>- with complete cable glands IP 65<br><br>1 x M 32/40<br>2 x M 25<br>6 x M 20                                                           | <p>top and bottom</p> | IV 126 26   |

Consumer boxes, plastic, wall-mount  
single-row, 39 MCB module widths



IV 139 15



IV 139 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:

- 3 x DIN rail for snap-mounted devices
- 4 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 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------|
| <b>Seal membranes</b><br>- IP 67<br><br>10 x $\varnothing$ 7-12 mm<br>4 x $\varnothing$ 7-15 mm<br>4 x $\varnothing$ 11-20 mm<br>1 x $\varnothing$ 16-29 mm | <br>top and bottom | IV 139 15   |
| <b>Knockouts</b><br>- with complete cable glands IP 65<br><br>1 x M 32/40<br>2 x M 25<br>6 x M 20                                                           | <br>top and bottom | IV 139 26   |



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.

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

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

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

It is possible and in accordance with the standard to insert 32/30 A 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



## NORVO clock

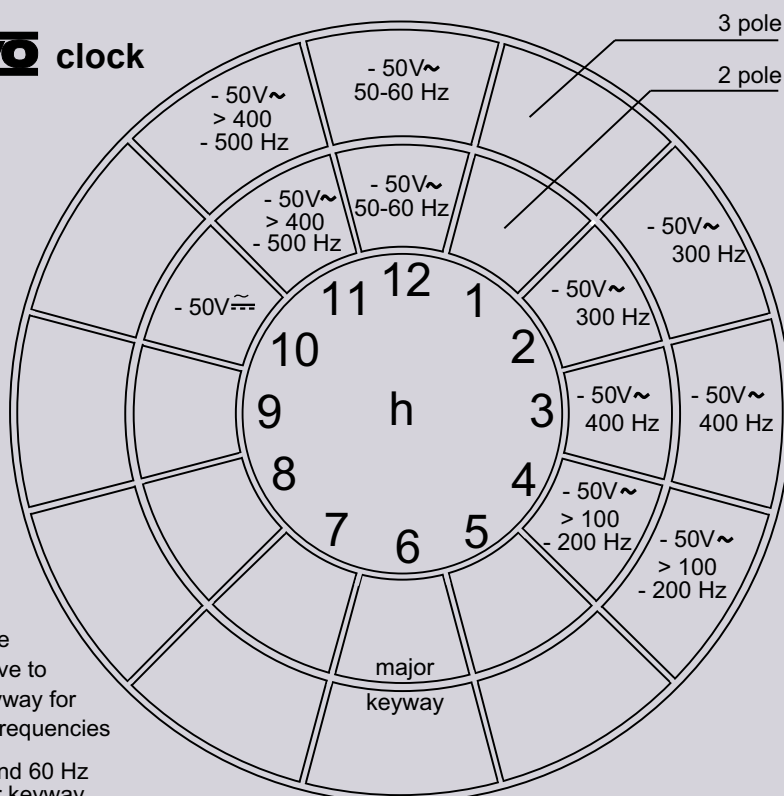
Colour code:

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

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

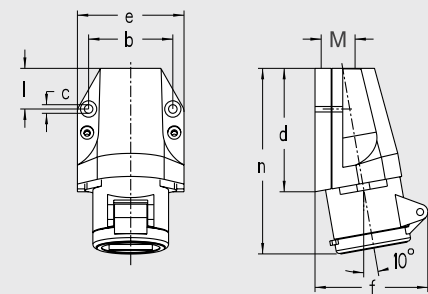
**NORVO wall sockets,**  
external fixing,  
top cable entry 1 x PG 21,  
bottom cable entry 2 x PG 16,  
IP 44 ▲

**NORVO plugs,**  
with flexible cable entry,  
IP 44 ▲

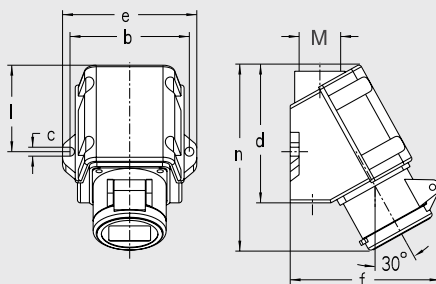
**NORVO plugs,**  
with trumpet gland, PG 16  
IP 44 ▲

**NORVO plugs,**  
with trumpet gland, PG 21  
IP 44 ▲

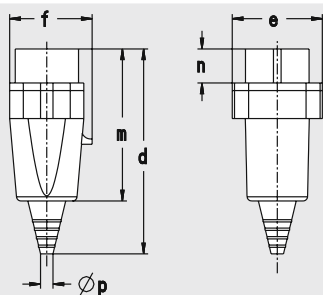
**NORVO wall mount appliance inlets,**  
external fixing,  
1 top cable entry,  
IP 44 ▲



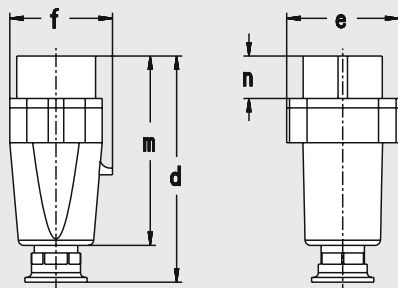
| Amp.  | 16   |      | 32   |      |
|-------|------|------|------|------|
| Poles | 2    | 3    | 2    | 3    |
| b     | 54,5 | 54,5 | 54,5 | 54,5 |
| c     | 5,2  | 5,2  | 5,2  | 5,2  |
| d     | 81   | 81   | 81   | 81   |
| e     | 70   | 70   | 70   | 70   |
| f     | 72   | 72   | 72   | 72 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



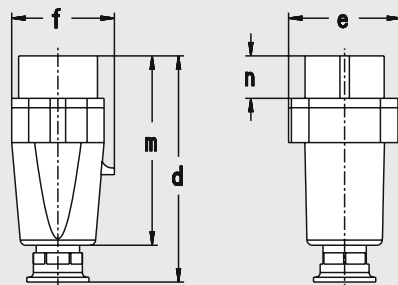
| Amp.  | 16  |     | 32  |     |
|-------|-----|-----|-----|-----|
| Poles | 2   | 3   | 2   | 3   |
| b     | 80  | 80  | 80  | 80  |
| c     | 6,2 | 6,2 | 6,2 | 6,2 |
| d     | 93  | 93  | 93  | 93  |
| e     | 90  | 90  | 90  | 90  |
| f     | 93  | 93  | 93  | 93  |
| l     | 60  | 60  | 60  | 60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



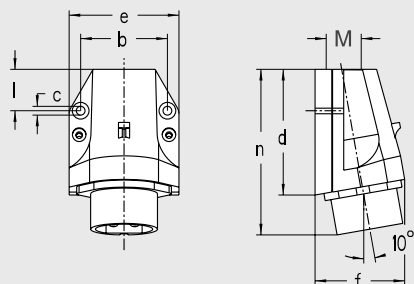
| Amp.  | 16   |      | 32   |      |
|-------|------|------|------|------|
| Poles | 2    | 3    | 2    | 3    |
| d     | 135  | 135  | 135  | 135  |
| e     | 59   | 59   | 59   | 59   |
| f     | 55   | 55   | 55   | 55   |
| m     | 99   | 99   | 99   | 99   |
| n     | 22,5 | 22,5 | 22,5 | 22,5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



| 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 |



| 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 |



| 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 plugs & sockets for low voltages up to 50 V

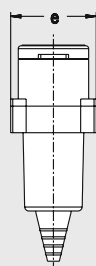
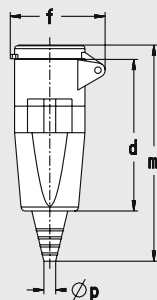
| Ampère       | Pôles  | 24~V<br>50/60 Hz | 42~V<br>50/60 Hz | 42~V<br>100/200 Hz | 42~V<br>300 Hz   | 42~V<br>400 Hz   | 42~V<br>>400/500Hz | 42 ... V<br>— |  |    |  |               |
|--------------|--------|------------------|------------------|--------------------|------------------|------------------|--------------------|---------------|------------------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

Availability of not listed clock positions on request

# Norvo

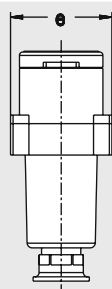
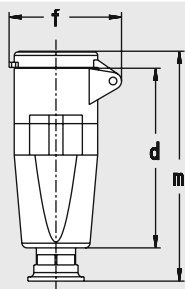
## Plugs & Sockets

for extra low voltages up to 50 V



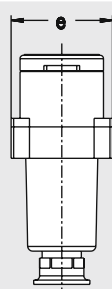
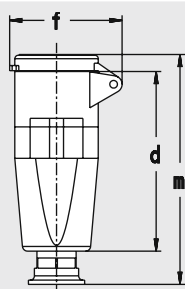
| Amp.  | 16   |      | 32   |      |
|-------|------|------|------|------|
| Poles | 2    | 3    | 2    | 3    |
| d     | 150  | 150  | 150  | 150  |
| e     | 59   | 59   | 59   | 59   |
| f     | 67   | 67   | 67   | 67   |
| m     | 104  | 104  | 104  | 104  |
| Øp    | 8/21 | 8/21 | 8/21 | 8/21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

**NORVO couplers,**  
with flexible cable entry,  
IP 44 ▲



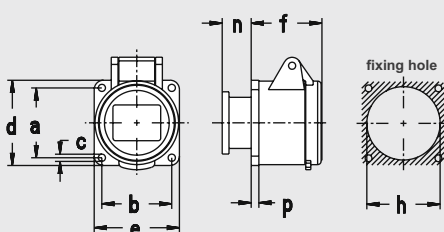
| Amp.  | 16         |     | 32  |     |
|-------|------------|-----|-----|-----|
| Poles | 2          | 3   | 2   | 3   |
| d     | 143        | 143 | 143 | 143 |
| e     | 59         | 59  | 59  | 59  |
| f     | 67         | 67  | 67  | 67  |
| m     | 104        | 104 | 104 | 104 |
| Øp    | 7,5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

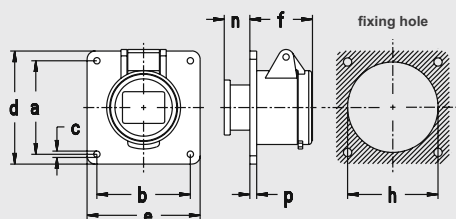
**NORVO couplers,**  
with trumpet gland, PG 21  
IP 44 ▲



| 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   |

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

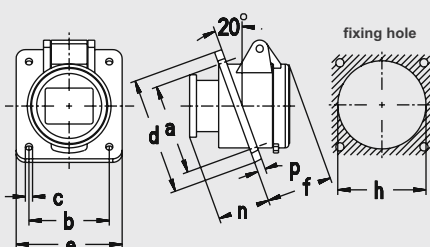
fixing dimensions = a + b, flange dimensions = d + e



| 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   |

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

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



| 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 |

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

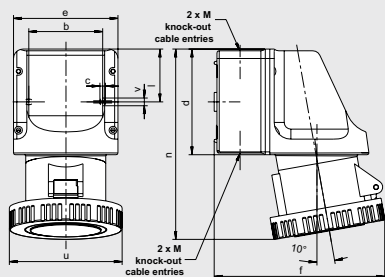
fixing dimensions = a + b, flange dimensions = d + e

# Norvo plugs & sockets for low voltages up to 50 V

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

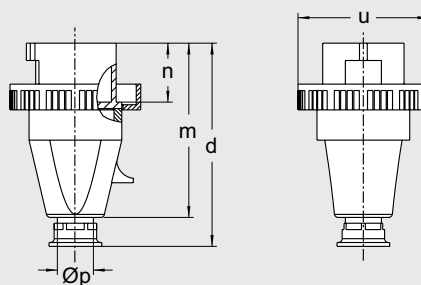
Availability of not listed clock positions on request

# **CEPro** **Plugs & Sockets** - power and control in one unit



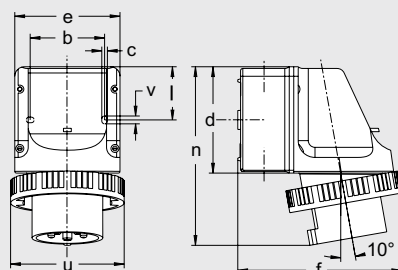
| Amp.  | 16    |       | 32    |
|-------|-------|-------|-------|
| Poles | 3     | 5     | 5     |
| b     | 66,5  | 66,5  | 66,5  |
| c     | 5     | 5     | 5     |
| d     | 96    | 96    | 96    |
| e     | 95    | 95    | 95    |
| f     | 140   | 147   | 156   |
| l     | 47,5  | 47,5  | 47,5  |
| 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



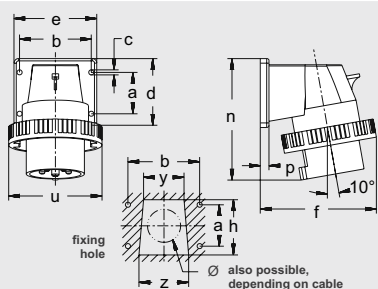
| Amp.  | 16       |         | 32      |
|-------|----------|---------|---------|
| Poles | 3        | 5       | 5       |
| d     | 126      | 139     | 166     |
| m     | 110      | 114     | 135     |
| n     | 37       | 37      | 46      |
| u     | 72       | 88      | 103     |
| Øp    | 7,5-12,5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

**Plugs,**  
 trumpet gland,  
 IP 67



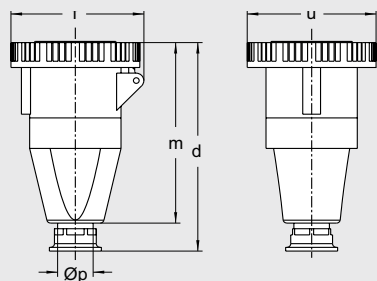
| Amp.  | 16    |       | 32    |
|-------|-------|-------|-------|
| Poles | 3     | 5     | 5     |
| b     | 66,5  | 66,5  | 66,5  |
| c     | 5     | 5     | 5     |
| d     | 96    | 96    | 96    |
| e     | 95    | 95    | 95    |
| f     | 140   | 140   | 150   |
| l     | 47,5  | 47,5  | 47,5  |
| 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



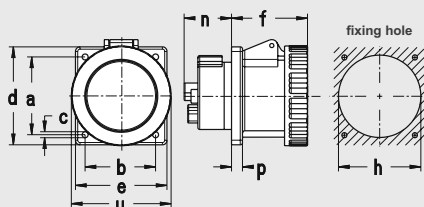
| Amp.  | 16  |     | 32  |
|-------|-----|-----|-----|
| Poles | 3   | 5   | 5   |
| a     | 30  | 40  | 45  |
| b     | 55  | 68  | 78  |
| c     | 5,5 | 5,5 | 5,5 |
| d     | 52  | 66  | 75  |
| e     | 65  | 80  | 90  |
| f     | 81  | 103 | 117 |
| h     | 38  | 52  | 60  |
| n     | 98  | 113 | 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

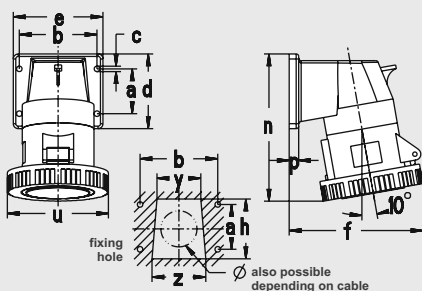
# CEPro plugs and sockets for power and control

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

\* Please order crimp and glass fibre cable contacts separately



## CEPro Plugs & Sockets - power and control in one unit



| Amp.  | 16  | 32  |
|-------|-----|-----|
| Poles | 3   | 5   |
| a     | 30  | 40  |
| b     | 55  | 68  |
| c     | 5,5 | 5,5 |
| d     | 52  | 66  |
| e     | 65  | 80  |
| f     | 88  | 108 |
| h     | 38  | 52  |
| n     | 109 | 123 |
| p     | 9,5 | 9,5 |
| u     | 72  | 88  |
| y     | 30  | 38  |
| z     | 38  | 46  |

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

| Amp.  | 16 | 32 |
|-------|----|----|
| Poles | 3  | 5  |
| k     | 70 | 86 |
| n     | 41 | 42 |
| u     | 60 | 76 |

**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 con-

ductor, 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.

# CEPro plugs and sockets for power and control

| Ampère                                                         | Poles | Max. no. of control contacts | 110 V<br>50 a. 60 Hz |             | 230 V<br>50 a. 60 Hz |             | 400 V<br>50 a. 60 Hz |              | 440 V<br>60 Hz |           | 500 V<br>50 a. 60 Hz |              |  |  |  |
|----------------------------------------------------------------|-------|------------------------------|----------------------|-------------|----------------------|-------------|----------------------|--------------|----------------|-----------|----------------------|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                |       |                              | 3pole<br>4h          | 5pole<br>4h | 3pole<br>6h          | 5pole<br>9h | 3pole<br>9 h         | 5pole<br>6 h | 5pole<br>11 h  |           | 3pole<br>7 h         | 5pole<br>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                                                                                   |                                                                                     |                                                                                     |
| * Please order crimp and glass fibre cable contacts separately |       |                              |                      |             |                      |             |                      |              |                |           |                      |              |                                                                                     |                                                                                     |                                                                                     |
| 16                                                             | 3     |                              | 613 300              |             |                      |             |                      |              |                |           |                      |              | 10                                                                                  |                                                                                     |                                                                                     |
| 16                                                             | 5     |                              | 613 500              |             |                      |             |                      |              |                |           |                      |              | 10                                                                                  |                                                                                     |                                                                                     |
| 32                                                             | 5     |                              | 633 500              |             |                      |             |                      |              |                |           |                      |              | 10                                                                                  |                                                                                     |                                                                                     |



7518



613300



## 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:

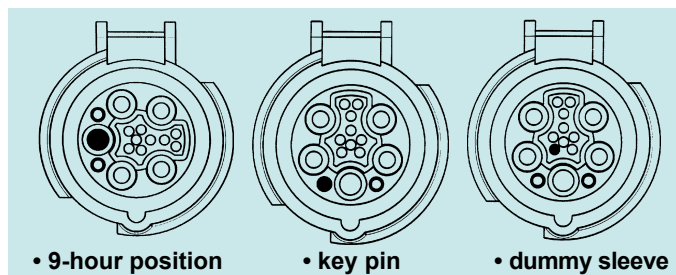
- crane controls
- light- and stage control
- container control etc.

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.

## 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 **electronic** coding.



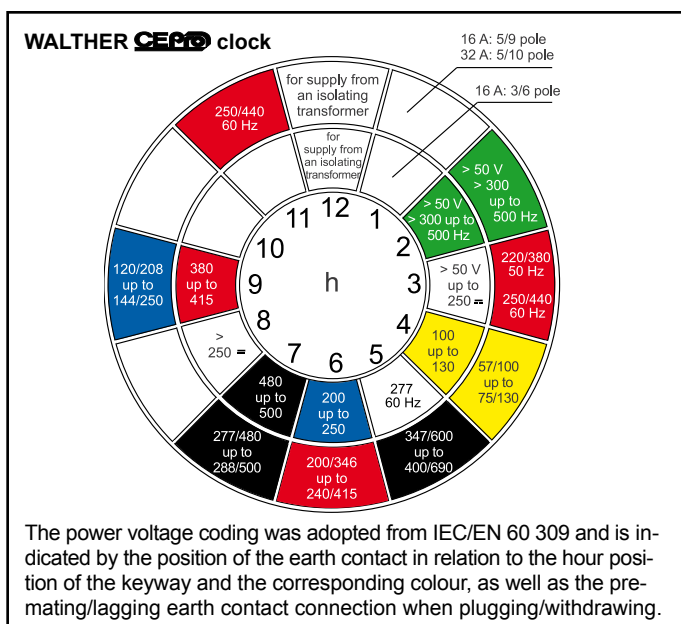
## Mechanical coding:

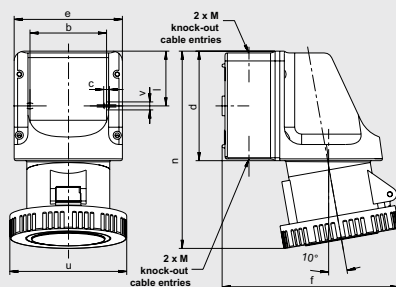
- Use of screwable key pins in connection with blanking plugs
- Allocation of different hour positions
- Snapping-in of blind sleeves in the control contact section.

## Electronic coding:

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

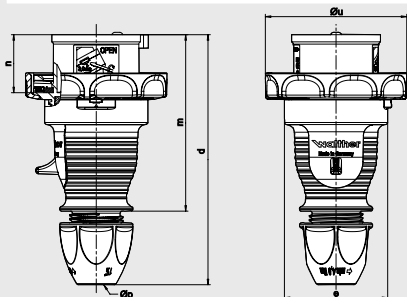
Since the complete control contact section is lagging the power contact section when plugging, there is a large number of different electrical locking possibilities by using different pairs of control contacts.





|       |       |
|-------|-------|
| 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

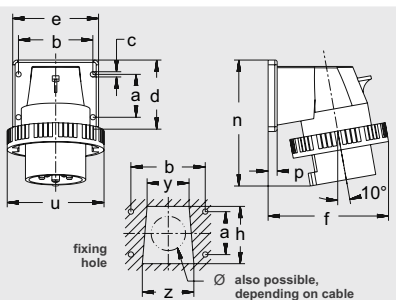


|       |           |
|-------|-----------|
| Amp.  | 32        |
| Poles | 4         |
| d     | 150-161   |
| Ø e   | Ø 65      |
| m     | 111       |
| n     | 36,5      |
| Ø u   | Ø 81      |
| Ø p   | 10 - 22,5 |

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

or

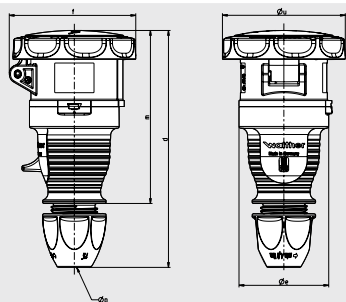
**Plug, screwless („SL“),**  
with insulation displacement connection,  
with cable gland, IP 67



|       |     |
|-------|-----|
| 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  |

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

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

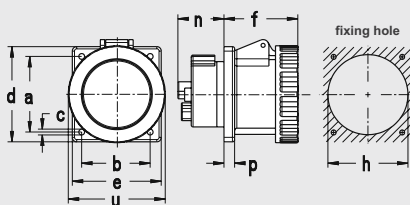


|       |           |
|-------|-----------|
| Amp.  | 32        |
| Poles | 4         |
| d     | 174-183   |
| Ø e   | Ø 72      |
| f     | 95        |
| m     | 142       |
| Ø u   | Ø 95      |
| Ø p   | 10 - 22,5 |

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

or

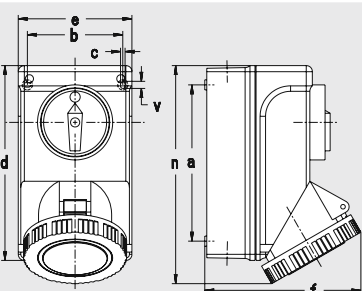
**Coupler, screwless („SL“),**  
with insulation displacement connection,  
with cable gland, IP 67



|       |     |
|-------|-----|
| 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  |

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

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

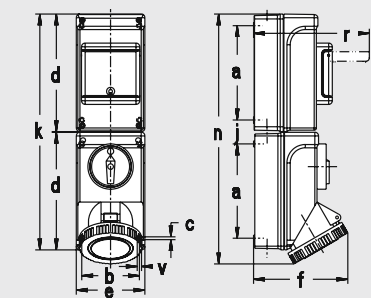


|       |     |
|-------|-----|
| Amp.  | 32  |
| Poles | 4   |
| a     | 154 |
| b     | 94  |
| c     | 4,5 |
| d     | 193 |
| e     | 113 |
| f     | 154 |
| n     | 215 |
| v     | 7   |
| M     | 25  |

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

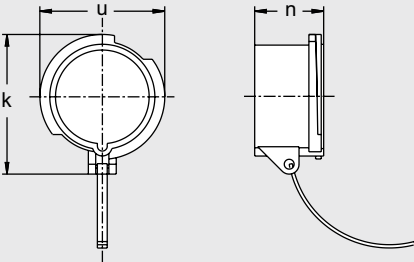
# Container Plugs and Sockets

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





## Container Plugs and Sockets

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

### Container wall socket

Always 3-pole +  $\oplus$  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 +  $\oplus$  3 h, 400-440 V
- Nickel-plated contacts
- Highly heat resistant contact carriers
- Protection degree IP 67



## Material Properties

## Protection degrees

### Chemical resistance:

|                                                               | PC/ABS | Polyamide | Rubber | Polyethylene | Polystyrene | PBT at 23°C | PBT at 60°C | Stainless steel (V 1.4301) |
|---------------------------------------------------------------|--------|-----------|--------|--------------|-------------|-------------|-------------|----------------------------|
| <b>1. Hydrocarbons</b>                                        |        |           |        |              |             |             |             |                            |
| n-hexane                                                      | O      | +         | -      | +            | +           | +           | +           | ◇                          |
| four star petrol,<br>containing aromatic chemicals            | -      | +         | -      | +            | -           | +           | O           | +                          |
| heating oil                                                   | O      | +         | O      | +            | O           | +           | +/O         | +                          |
| gasoline f. cleaning purposes<br>(free of aromatic chemicals) | O      | +         | O      | O            | O           | +           | O           | +                          |
| benzol                                                        | -      | +         | -      | +            | -           | +           | -           | +                          |
| naphtalene                                                    | -      | +         | -      | +            | O           | +           | O           | ◇                          |
| nitro benzol                                                  | -      | +         | -      | O            | -           | O           | O           | ◇                          |
| toluol                                                        | -      | +         | -      | +            | -           | +           | -           | +                          |
| <b>2. Alcohols</b>                                            |        |           |        |              |             |             |             |                            |
| 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      | +         | +      | +            | +           | +           | +           | +                          |
| <b>3. Ketones</b>                                             |        |           |        |              |             |             |             |                            |
| acetone                                                       | -      | +         | +      | +            | -           | +           | -           | +                          |
| methyl isobutyl cetone                                        | -      | +         | -      | O            | -           | +           | O           | ◇                          |
| <b>4. Acids (max. concentration)</b>                          |        |           |        |              |             |             |             |                            |
| 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                          |
| <b>5. Bases</b>                                               |        |           |        |              |             |             |             |                            |
| aniline                                                       | -      | O         | -      | +            | -           | O           | -           | +                          |
| sodium hydroxide (10%)                                        | -      | +         | +      | +            | +           | O           | -           | ◇                          |
| ammonia solution, diluted                                     | -      | +         | +      | +            | +           | O           | -           | +                          |
| <b>6. Halogenes</b>                                           |        |           |        |              |             |             |             |                            |
| bromine                                                       | -      | -         | -      | -            | -           | ◇           | ◇           | -                          |
| chlorine                                                      | -      | -         | -      | +            | -           | ◇           | ◇           | O                          |
| iodine                                                        | -      | -         | +      | +            | O           | ◇           | ◇           | O                          |
| <b>7. Oils, greases</b>                                       |        |           |        |              |             |             |             |                            |
| soybean oil                                                   | -      | +         | -      | +            | +           | +           | +           | +                          |
| olive oil                                                     | -      | +         | -      | +            | +           | +           | +           | +                          |
| lard                                                          | -      | +         | -      | +            | +           | +           | +           | +                          |
| butter                                                        | -      | +         | -      | +            | +           | +           | +           | +                          |
| <b>8. Salt solutions</b>                                      |        |           |        |              |             |             |             |                            |
| potassium carbonate, saturated                                | -      | +         | +      | O            | +           | +           | O           | +                          |
| sodium thiosulfate                                            | +      | +         | +      | +            | +           | +           | O           | +                          |
| sodium hypochloride                                           | +      | -         | -      | O            | +           | +           | +           | O                          |
| sea water                                                     | +      | +         | +      | +/O          | +           | +           | +           | +                          |
| <b>9. Detergents</b>                                          |        |           |        |              |             |             |             |                            |
| curd soap solution, 2%                                        | +      | +         | O      | +            | +           | +           | +           | +                          |
| washing powder, e.g. "Persil"                                 | O      | +         | +      | +            | +           | +           | +           | +                          |
| cleaning agent, e.g. "Dor"                                    | +      | +         | O      | +/O          | +           | ◇           | ◇           | +                          |
| <b>10. Other media</b>                                        |        |           |        |              |             |             |             |                            |
| 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 = soluble  
 ◇ = no test results available yet

IEC/EN 60 529, VDE 0470 T1:

The type of protection is indicated by the IP code.

IP = International Protection

| Component    | Digits or letters | Meaning for the protection of operational equipment            | Meaning for the protection of persons   |
|--------------|-------------------|----------------------------------------------------------------|-----------------------------------------|
| Code letters | IP                |                                                                |                                         |
| 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                                    |
| Second digit | 6                 | dust proof                                                     | wire                                    |
|              |                   | 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**:

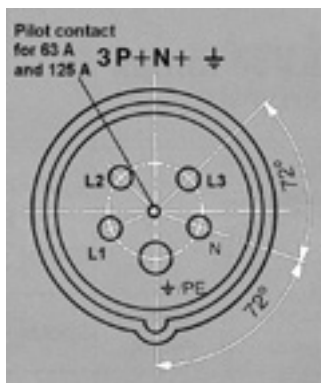
16 - 63 A: IP 44 and IP 67

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.



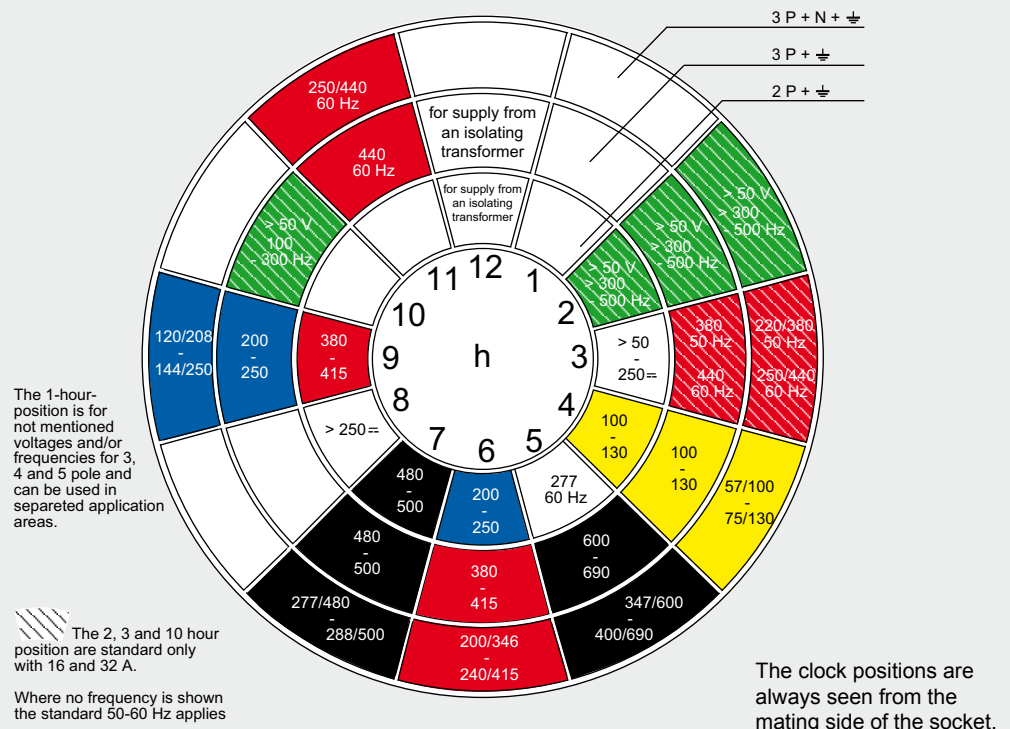
Arrangement of contact sleeves and terminal markings at 6 h position

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



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<br>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  |

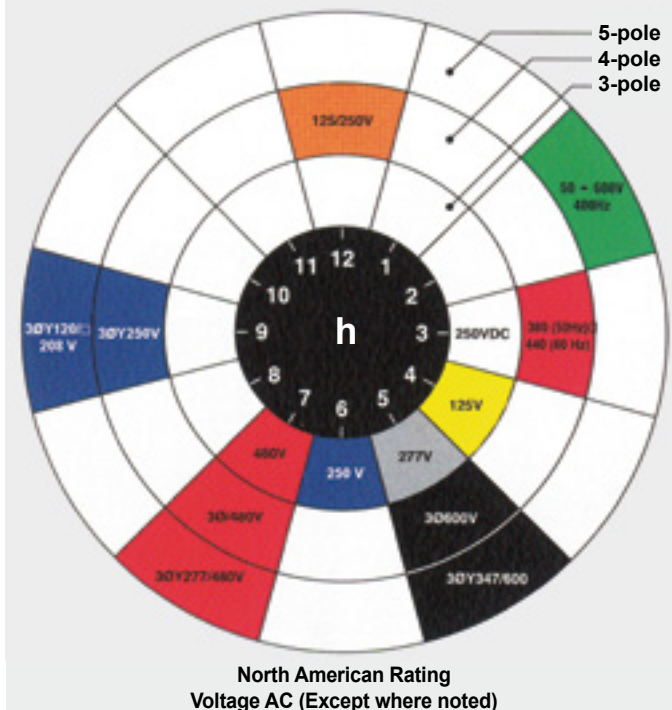
Source: IEC/EN 60 309-1, table 2

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)





Walther-Werke - Ferdinand Walther GmbH - D-67304 Eisenberg

Walther-Werke - Ferdinand Walther GmbH  
Ramsener Straße 6 - D-67304 Eisenberg - Germany

## EC CERTIFICATE OF CONFORMITY

The manufacturer

WALTHER-WERKE  
Ferdinand Walther GmbH  
Ramsener Straße 6  
67304 Eisenberg

herewith declares at his own responsibility that the below listed products

- CEEtyp plugs and sockets incl. switched and interlocked sockets
- CEEtyp socket outlet combinations

comply with the essential requirements of the following EG guidelines:

- low voltage directive 2006/95/EC

Applied standards and technical specifications:

- DIN EN 60309 part 1
- DIN EN 60309 part 2
- DIN EN 60439 part 1
- DIN VDE 0100, part 550

Eisenberg, 29.10.2014

**WALTHER-WERKE**  
Ferdinand Walther GmbH

Sales Department

Quality Management

Customer:  
Customer No.:  
Order No.:  
Part No.:



Walther-Werke - Ferdinand Walther GmbH - D-67304 Eisenberg

Walther-Werke - Ferdinand Walther GmbH  
Ramsener Straße 6 - D-67304 Eisenberg - Germany

## CONFIRMATION

We herewith declare that neither our product series CEEtyp nor Procon nor our "E-Mobility" charging devices contain any substances nor exceed the limit values according to the Directive 2002/95/EC, replaced by the new directive 2011/65/EU dated 08.06.2001 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS), which are prohibited or restricted.

Our products are not affected by the amendments to the RoHS Directive dated 01.07.2008.

Our product series are not concerned by the Directive 2011/65/EC on waste electrical or electronic equipment (WEEE).

Our product series CEEtyp is only concerned by Directive 2002/96/EC (WEEE) for application in categories 1 – 8, but in relation herewith it is not considered as a device as defined by the Directive.

The present declaration has been issued on the base of the currently valid laws and regulations as well as to our best knowledge and to our current state of information. We recommend the addressee or the recipient of this declaration to ask for updates in regular intervals.

The present declaration replaces all previous declarations regarding this issue and it is valid for goods produced from January 2005 on.

## WALTHER-WERKE

Ferdinand Walther GmbH



Kai Kalthoff

Eisenberg, 29.10.2014





Walther-Werke - Ferdinand Walther GmbH - D-67304 Eisenberg

Walther-Werke - Ferdinand Walther GmbH  
Ramsener Straße 6 - D-67304 Eisenberg - Germany

## EC Declaration of Conformity

regarding directive 2006/122/EG (**PFOS** and **PAK**) and 1907/2006 (**REACH**)

The manufacturer

WALTHER-WERKE  
Ferdinand Walther GmbH  
Ramsener Straße 6  
67304 Eisenberg

declares that the products that have been delivered to you:

CEEtyp plugs and sockets including switched sockets  
CEEtyp socket combinations  
AutoboxX consumer boxes  
PROCON heavy duty connectors  
CEPro plugs and sockets for power and control signals  
EIBoxX automation technique  
Assemblies for construction sites and other distributors for outside areas  
E-Mobility Products

do – to the best of our knowledge – not contain any substances in concentrations whose bringing into circulation is prohibited according to the directives pertaining to these products.

All information is given to the best of our knowledge and belief. It complies with the current state of technology. This statement is no legally bound guarantee.

We hope to have answered your questions to your complete satisfaction and are at your disposal in case you should have any further queries.

**WALTHER-WERKE**  
Ferdinand Walther GmbH

Sales Department

Quality Management

Eisenberg, 29.10.2014







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