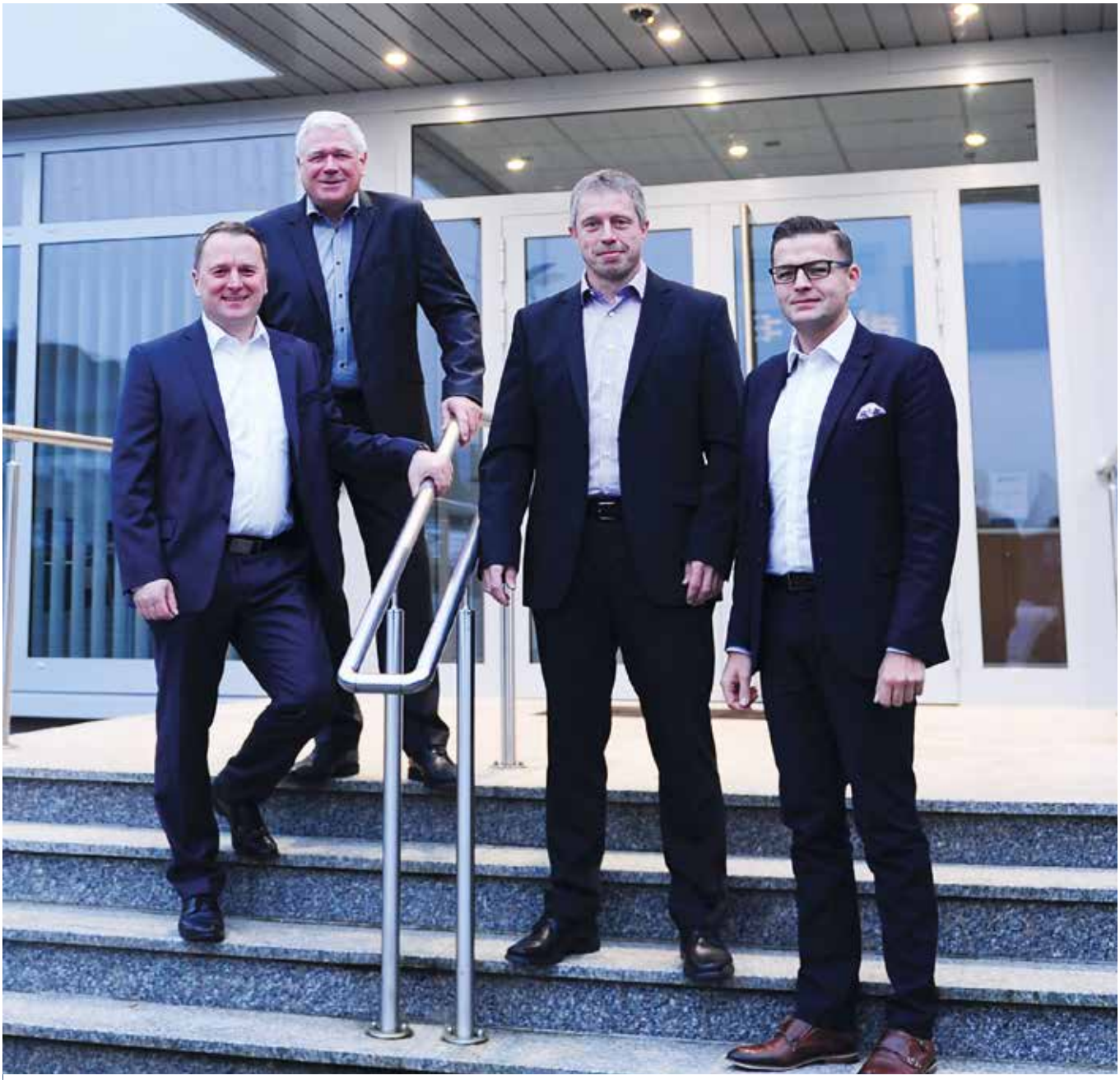
Main Catalogue



Extended management of Bals Elektrotechnik GmbH & Co. KG: Hubertus Fischer, Wolfgang Bals, Johannes Ramm und Piotr Komor (from left to right).

For over 60 years we have been producing CEE plug and connectors for the world market. That means quality you can always rely on. Our products prove themselves around the globe, in the most diverse applications. „Made in Germany" stands for a quality standard that offers you the highest level of safety. We are very pleased about your interest in our company. We are proud of our entire portfolio, which you will find in this catalog. Do you have special wishes or requirements? We are happy to advise you and find individual solutions for you.

Wolfgang Bals
Managing Director

Johannes Ramm
Managing Director
Finance & Controlling

Hubertus Fischer
Production & Supply Chain

Piotr Komor
CTO / CCO International business

We ask you to indicate our reference numbers and quantity packaging on all your purchase orders in order to facilitate an easy procedure of the order.
Return shipments based on wrong placed orders effects a tremendous procedure and costs and therefore in such cases we are obliged to apply a handling charge.
Weights, dimensions, technical details and sketches are carefully issued (error excepted) but not obligatory on deliveries. For technical reasons our products are subject to modification continuously due to creative, design and technical progress.

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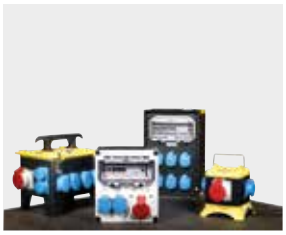

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Bals
Hauptverwaltung
Bals

About half a century competence and experience

Bals stands worldwide as a quality brand for innovation, reliability and service. For more than 60 years, we have been producing CEE plugs and connectors for the world markets. From day one we have focussed on the highest level of quality “Made in Germany”.
Our factories in Kirchhundem-Albaum and Freiwalde have highly skilled and motivated teams, the very latest manufacturing facilities and a highly efficient logistics system.
Our product portfolio ranges from plugs, phase inverters, connectors, sockets outlets and combinations units to charging plugs and sockets for electrical vehicles. Numerous certifications from German and foreign certification institutes, as well as registered designs and patents, document the high technical standard of our products.

Two modern factories a consistent quality standard

From the beginning the headquarters of our company is located in Kirchhundem-Albaum (North-Rhine-Westphalia). Product development, marketing and sales, as well as administration are located here. In addition, plug and socket systems and special products are manufactured in the Kirchhundem-Albaum factory. The factory in Freiwalde (Brandenburg), built in 1994 and expanded many times since, has state-of-the-art production facilities for fully-automatic manufacturing of unique CEE plugs and connectors as well as a highly-effective logistics centre.

CEE plugs and connectors for the world market

As an independent, medium-sized, family-owned company, we produce standardised industrial plugs and sockets acc. to IEC 60309 1-2 as well as plug and socket systems, distributors and components for the infrastructure of electrical vehicles. We set new technical standards with innovations and ground-breaking, partially patented new developments such as MULTI-GRIP or QUICK-CONNECT. The export rate in excess of 50 percent shows: Our solutions are highly valued around the world. Our products are sold in more than 80 countries. Subsidiaries and exclusive partners in strategically important countries only sell our products.

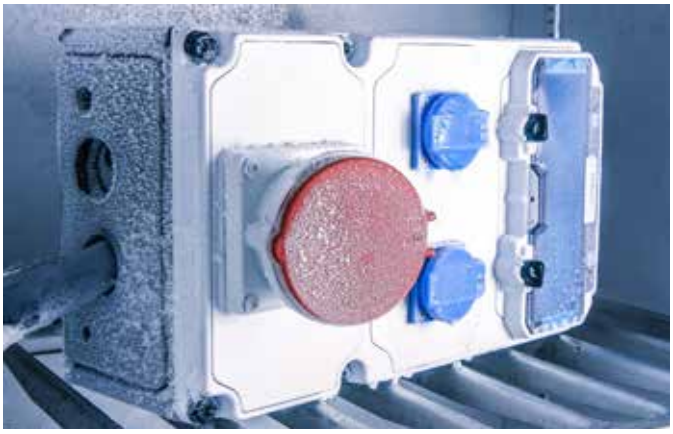
Customer proximity: You can rely on us

Always close to the customers. For us, this is no empty phrase but reality. Flexibility, customer orientation and the ability to quickly respond to short-term requirements are a matter of course for us. For this reason, integrated production - from the product idea and design to tool making and production to the shipment of the products – is optimised for short processing paths and the fastest response times.

Bals
www.bals.com
Bals
Bals

People make the difference

200 employees, who are dedicated and tightly connected to the company, have only one goal: to satisfy you, our customers, one hundred percent. This applies to the highest of quality standards that we apply to our product and also for made-to-measure service and personal contact from person to person.



Our responsibility to the highest quality

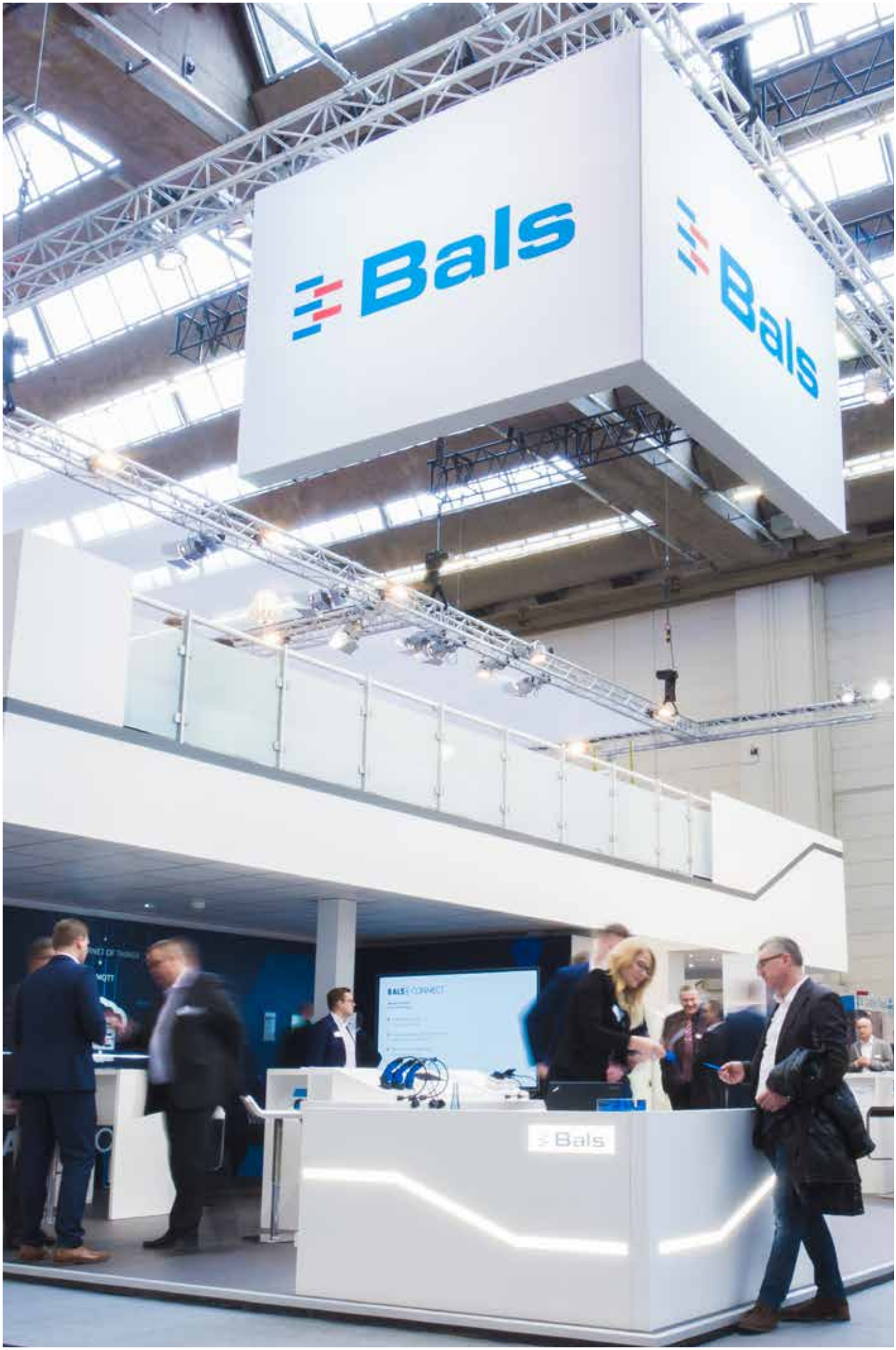
Quality does not permit any compromise. This has always been the maxim at Bals. The ISO-9001-certified production process in all factories ensures the well-known high product quality. This proof of quality is reflected in patents, certificates from German and foreign testing institutes, as well as the specification of Bals products by highly renowned companies. Innovation is an important quality benchmark for us. This way, we are always setting new standards with intelligent solutions that bring the user sustainable advantages.

Our responsibility to the environment

We know and love our region. Maintaining and protecting this unique landscape for future generations is important to us. Production that saves as many resources as possible, the highest environmental standards and continual enhancement of our ecological efficiency at all levels are a matter of course for us. Every individual employee at Bals is aware of this responsibility to people and nature.

Our responsibility to people and the region

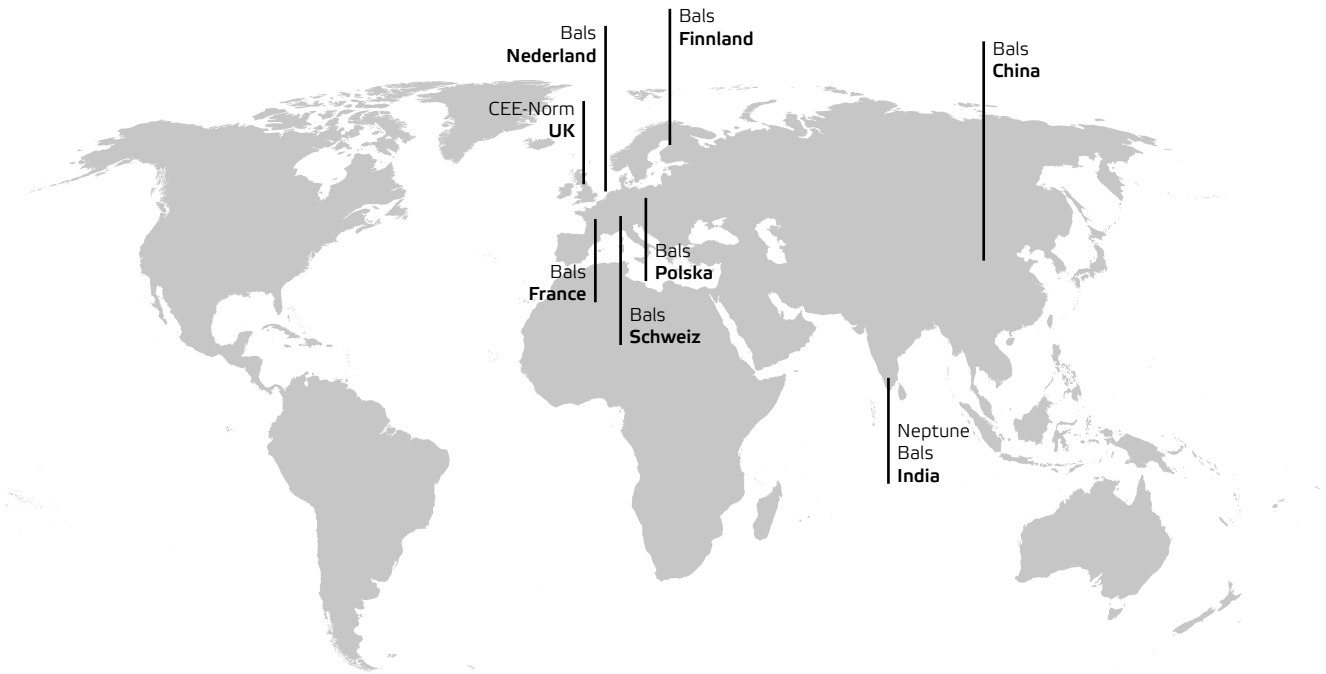
As a family-owned company, we are well aware of our special responsibility. We keep jobs safe, encourage the development of every individual and are loyal to our sites which we care for and permanently develop in the long term. Thinking about the future is also important to us: For this reason, we create qualified training positions in a wide variety of professional areas each year. We support numerous local meetings and events and employ an above average number of people with handicaps.


Bals
Bals
Bals

Proximity to customers is extremely important to us

We see ourselves as a partner for our customers and consider trust and continual dialogue to be extremely valuable. At the world's leading trade fairs, at conventions or directly on site: Our incentive is to support the success of our customers by providing tailor-made solutions.
Our sales teams are close to our customers all over the world and are always available to provide advice and support for complex technical requirements.

In Germany, a comprehensive sales network of 3 commercial agencies and 12 field representatives ensures close-knit and competent customer support. Abroad, we are present in important countries such as France, Switzerland, England, the Netherlands, Poland, Finland, Russia, India and China with sales subsidiaries of our own. Furthermore, we cooperate in many countries with committed partners on an exclusive basis in a spirit of trust.



Bals subsidiaris worldwide

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QUICK CONNECT

- Invented in 1998 and patented by Bals: the screwless quick connection technology based on the spring-clamp principle
- Faster, more reliable and, above all, more controlled conductor connection
- The terminal accepts all types of copper conductors, rigid or flexible, with or without wire end ferrule as well as conductors of all quality grades irrespective of the conductor diameter or conductor insulation
- No wire end ferrules needed
- On delivery, the terminals are open and the contact pressure of the springs is optimally set
- Pressing the contact slide or locking lever with a finger visibly, audibly, reliably and permanently closes the terminal after the stripped conductor has been inserted
- Rewiring is no problem. Pressing the locking lever or contact slide again releases the conductor; unlike insulation displacement connector technology, the conductor can then be used again without needing further processing steps
- The damage-free conductor clamping guarantees an optimum connection over the entire service life
- QUICK-CONNECT is maintenance-free, insensitive to shocks, vibrations and temperature fluctuations

The following conductor cross sections can be used in the QUICK-CONNECT plugs and sockets:

QUICK-CONNECT plugs and connectors 16A:	1 mm²	-	2.5 mm²	(flexible conductors)
QUICK-CONNECT panel and surface mounting socket outlets 16A:	1.5 mm²	-	4 mm²	(rigid and multi-wire conductors)
QUICK-CONNECT plugs and connectors 32A:	2.5 mm²	-	10 mm²	(flexible conductors)
QUICK-CONNECT panel and surface mounting socket outlets 32A:	2.5 mm²	-	10 mm²	(rigid and multi-wire conductors)
QUICK-CONNECT plugs and connectors 63A:	6 mm²	-	16 mm²	(flexible conductors)
QUICK-CONNECT panel and surface mounting socket outlets 63A:	6 mm²	-	25 mm²	(rigid and multi-wire conductors)

QUICK-CONNECT is available in all CEE products up to 63A

QUICK-CONNECT connection technology in detail

MULTI-GRIP

- Cable gland system with integrated strain relief, invented by Bals in 2002
- The special cable gland is secured against self-loosening and unintentional loosening when inserting and withdrawing the plug by means of a buttress thread
- The rubber seal which is permanently joined to the enclosure cannot be lost. The time-consuming adjustment of the onion rings to the cable diameter is no longer necessary
- Simply tighten the MULTI-GRIP cable gland for damage-free, airtight and permanent mounting of the cable without any kind of deformation
- MULTI-GRIP cable glands achieve at least protection degree IP67
- Water no longer remains in the flared opening; it is instead forced out through the drainage openings
- The exterior strain relief system sits against the captive seal and prevents the penetration of water or dirt into the connection cavity of the plug even if the cable is moved
- The tensile strength exceeds the values specified in standards IEC 60309, EN 60309, VDE 0623 many times over
- The condition of the strain relief system can be inspected at any time from the outside without opening the plug enclosure

MULTI-GRIP easily adapts to almost all cable and wire types! The following cable diameters can be fed in without affecting the tightness or capacity for strain relief.

TE- and TE-Plus plugs and connectors	Cable diameter
16A 3 and 4pole TE u. TE-Plus	Ø8 mm - Ø18 mm
16A 5pole. TE and TE-Plus	Ø10 mm - Ø21 mm
32A 3 and 4pole TE and TE-Plus	Ø11 mm - Ø23 mm
32A 5pole TE and TE-Plus	Ø13 mm - Ø27 mm
63A 3 to 5pole TE and TE-Plus	Ø16 mm - Ø36 mm
125A 3 to 5pole TE	Ø26 mm - Ø50 mm

TLS and QC standard plugs and connectors	Cable diameter
TLS 16A 3 to 5pole	Ø8 mm - Ø18 mm
TLS 32A 3 to 5pole	Ø11 mm - Ø23 mm
QC-Standard 16A 3 to 5pole	Ø8 mm - Ø18 mm
QC-Standard 32A 3 to 5pole	Ø11 mm - Ø23 mm

A reducer (type 29129) is available for all 16A plugs and sockets (see page 108). It allows cable diameters of less than ø 8 mm to be sealed tightly.

Permanently attached, captive seal

MULTI-GRIP cable gland achieves protection degree IP67

VARIABOX
1
2

VARIABOX

- Fuse elements arranged below transparent, lockable operating window with user-friendly OTC mechanism (one touch close). It engages in the open state and locks again automatically when touched lightly
- Coded flange plate system for maximum safety during initial installation and maintenance
- All CEE sockets with screwless, maintenance-free QUICK-CONNECT technology and standardised flange dimensions, therefore independent of manufacturer if necessary
- Colours: bottom - black, top - electro-grey (enclosure top optionally available in the colours yellow, red, blue or silver)
- Surface mounting or mobile distributor versions in the sizes S (1-module), M (2-modules), L (3-modules), XL (4-modules), XXL (5-modules)
- Ready wired for installation
- Available in the protection degrees IP44, IP54 and IP67
- Enclosure made of high-grade, impact-resistant thermoplastic
- Top and bottom can be sealed together
- With external and internal fastening
- The cover screws are captive and can be actuated using a flat-tip or cross-tip screwdriver or using an internal or external hexagon spanner
- Modular expansion on all 4 sides
- Straight top hinged at side

EVOBOX

The EVOBOX series is the ideal solution for mobile power supply in industry, on construction sites or in event technology. The portable distributor series is available in 4 coordinated housing sizes and impresses with its high mechanical and thermal capacity.

Product information
- Available in 4 coordinated housing sizes
- Perfectly stackable
- Easy-to-handle, using integrated carrying grips
- No protruding components
- Fuse elements under transparent operating windows
- Distributor outlets and fuse elements each separately on one side
- Ready wired for installation
- The internal wiring is designed for the highest possible safety via the specification standard
- Resistant to ageing and weather
- Lightweight and impact resistant through the use of hard-poly-ethylene

Product details
- Impact strength IK10, up to 20J impact energy
- Self-extinguishing and UV-stabilized
- Highly resistant thermally and mechanically
- Maintenance-free QUICK-CONNECT-technology for CEE up to 63A and domestic sockets
- Overall protection degree of the distributor is IP54
- Flexible fitting options up to 125A

Optional
- Adapted arrangement of panel mounting sockets for plugs with protection degree IP67
- Phase control lights are easily visible under operating windows
- External earthing screw outside the housing
- Installation of overvoltage protection
- The housing can be blue, red and orange (minimum oder quantity)
- All panel mounting socket outlets are available in black

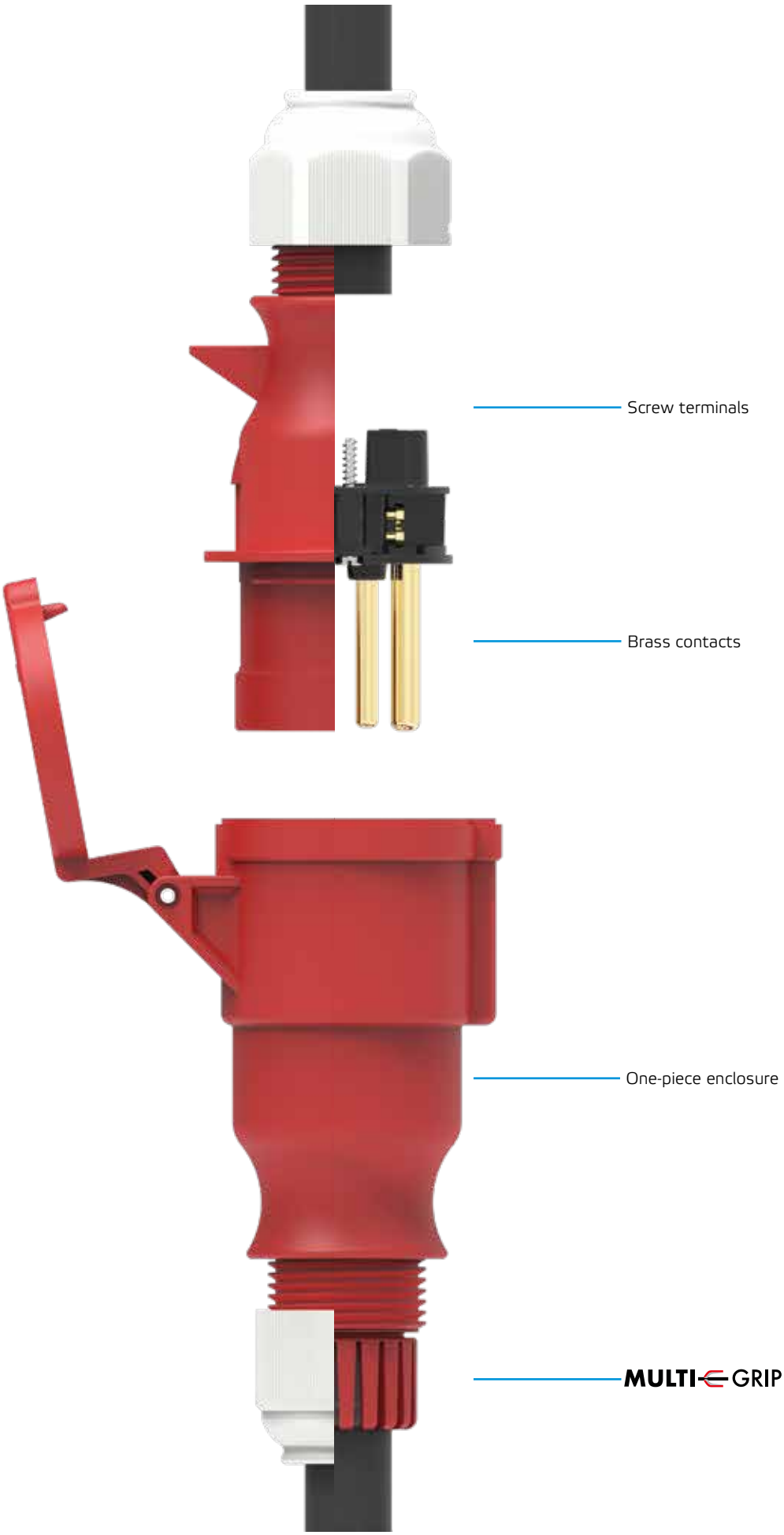
Power supply
- Cable entry with CEE plug up to max. 125A
- CEE inlet up to max. 125A

Also available in black

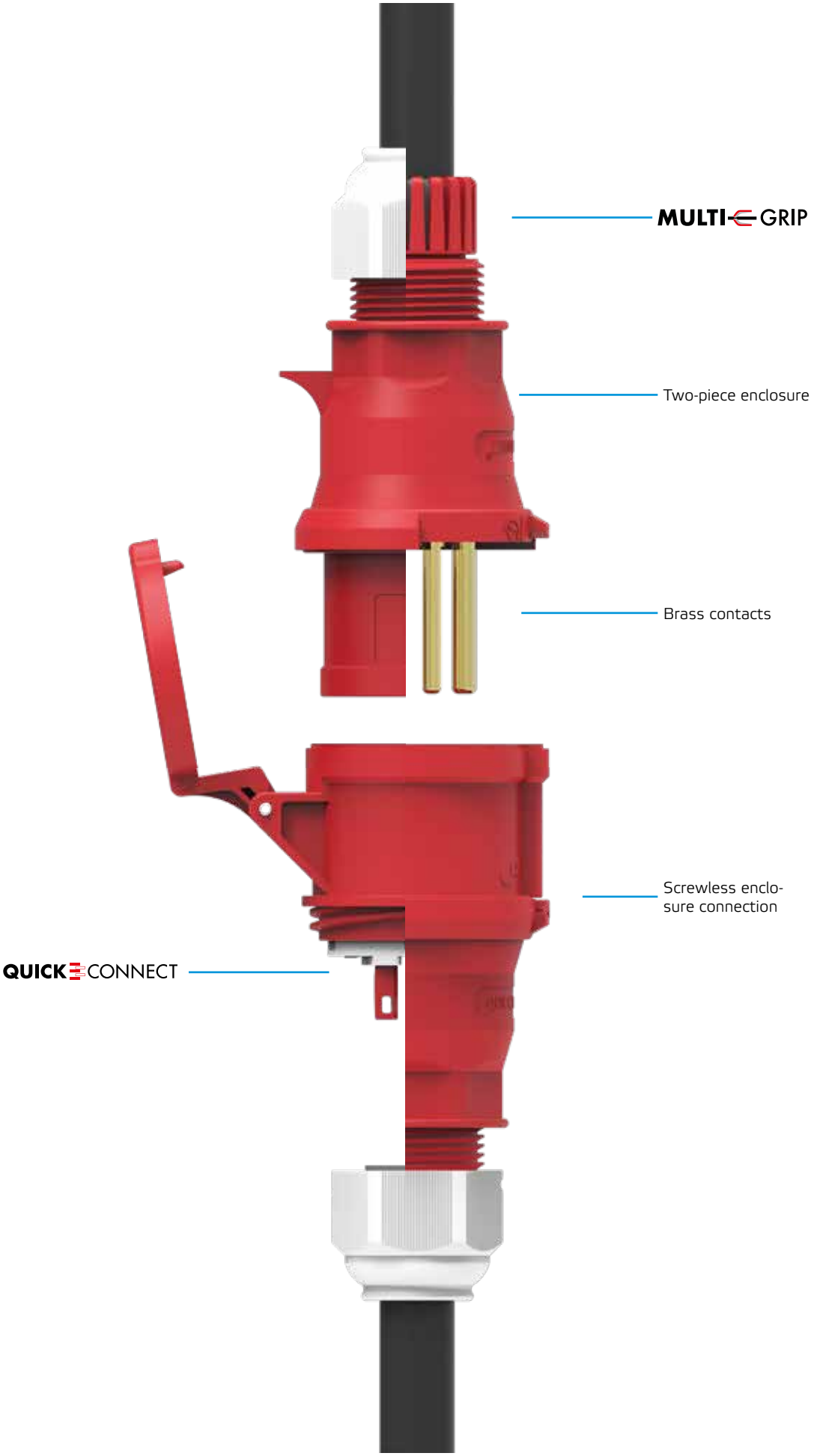
Perfectly stackable

Domestic plug and connector

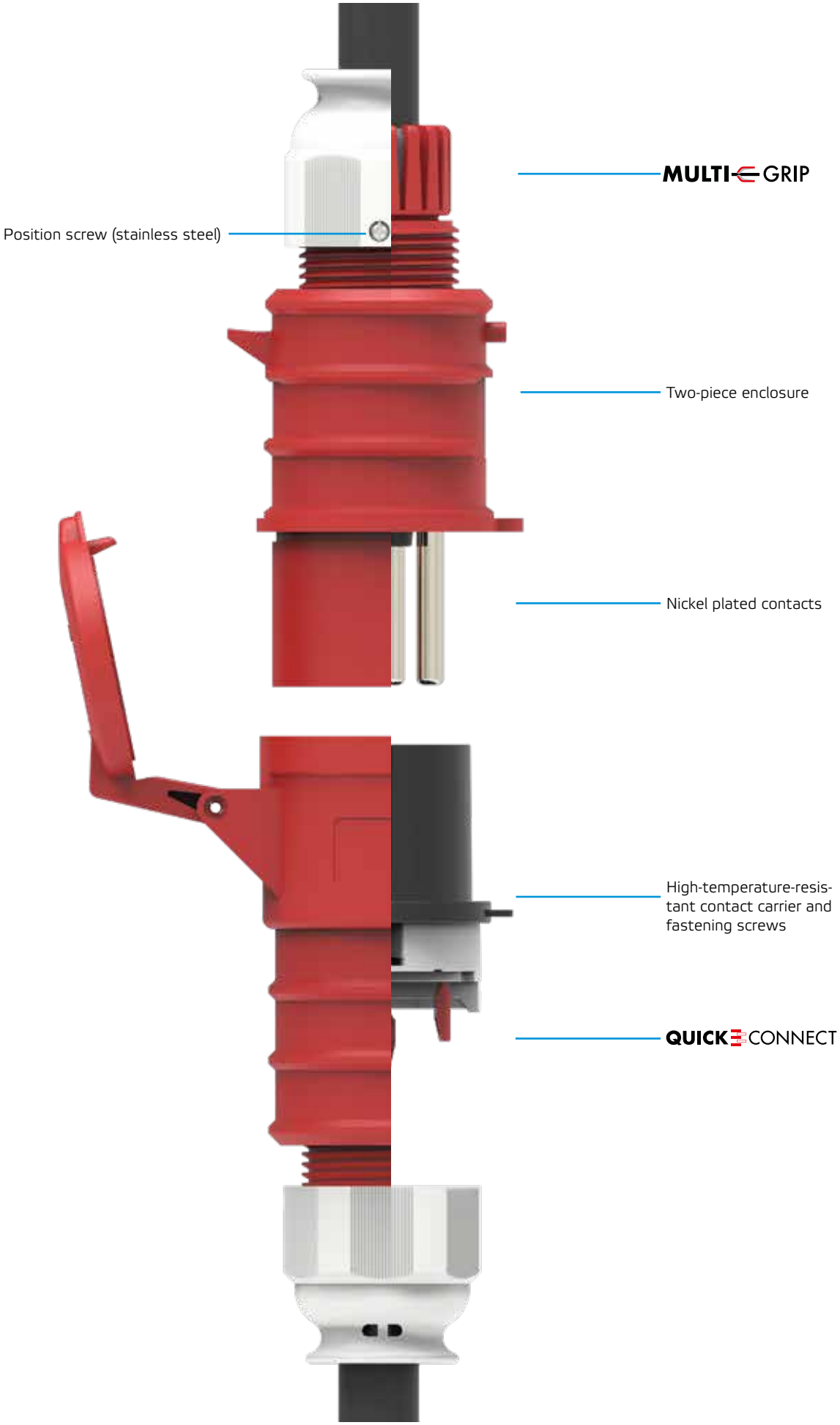
Plug and connector TLS 16A and 32A



Plug and connector QUICK-CONNECT 16A and 32A



Plug and connector TE-Plus 16A and 32A



Installation requires electrical expertise

Electrotechnical products which previously could only be acquired from specialist shops and which were intended for qualified specialist personnel are today also offered to anybody in hardware stores and online stores as part of changed purchasing habits.
This change brings with it new questions, however: is it permitted for specialised trade products requiring expertise for installation to be purchased and installed by anybody?

Many products are intended for installation in electrical systems or for the repair of devices, for example. Home renovations are often associated with replacing switches, sockets and subdistributors, or installing them from scratch. Faulty installations may have fatal consequences!
As a rule, electrical installations and attachments should only be performed by an electrical specialist.

Product safety legislation

The German Product Safety Act [ProdSG] requires that only safe products may be brought into circulation – safe both in terms of installation and actual use.
Since it is not legally possible to define a group of purchasers for electrotechnical products, manufacturers should clearly and unambiguously stress that specialist knowledge is required for the installation. This is most successful using pictograms which everybody can understand. They help manufacturers to comply with the German Product Safety Act, thus reducing their product liability risks.

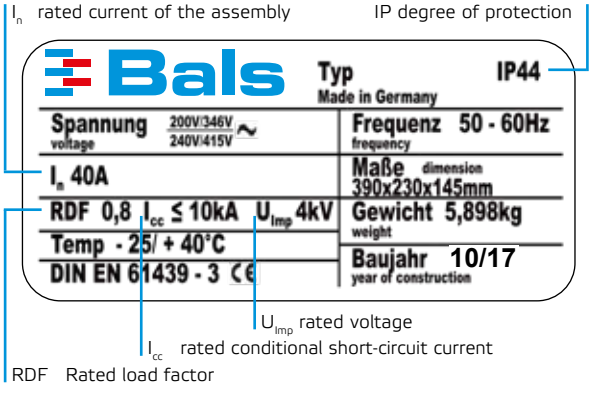
Warning symbol „Installation, electrotechnical expertise“

In order to point out the hazard potential mentioned at the beginning, a visual notice is affixed to our packaging or directly onto our products which indicates that our products must exclusively be installed by electrical specialists.
This official product marking „Installation, electrotechnical expertise“ is standardised under IEC 60417- 6182 and is recommended by ZVEI, ZVEH and DKE.

Change to standard DIN EN 61439

As a successor standard to DIN EN 60439, standard DIN EN 61439 (2012) describes the requirements and documentation for all low-voltage switchgear assemblies. The standard is to be applied to power distributors, all switchgears and controlgears and meter cabinets. It therefore has a significant impact on electrical power distribution in industry, in building installation and on construction sites.
In future there will only be an overall view and the concept of the switchgear assembly. In place of a type test report, a design verification must be provided for new switchgears and power distributors. A low-voltage switchgear assembly is described through the definition of the interface parameters by the user or planner. Due to the interface parameters, the manufacturer must dimension and define the internal development of the low-voltage switchgear assembly.

The VARIABOX complies with DIN EN 61439



Type label example

DIN EN 61439 (2012) is split between one part with general requirements and another part with a separate product standard for specific types of switchgear assemblies. The general basic requirements are laid out in DIN EN 61439- 1 and adapted to the features of the application through relevant, additional sections of standards. As a result, we are able to apply the following three standards to our products:

1. Power switchgear assemblies in accordance with DIN EN 61439-2
2. Installation distributors in accordance with DIN EN 61439-3
3. Construction site power distributors in accordance with DIN EN DIN EN 61439-4

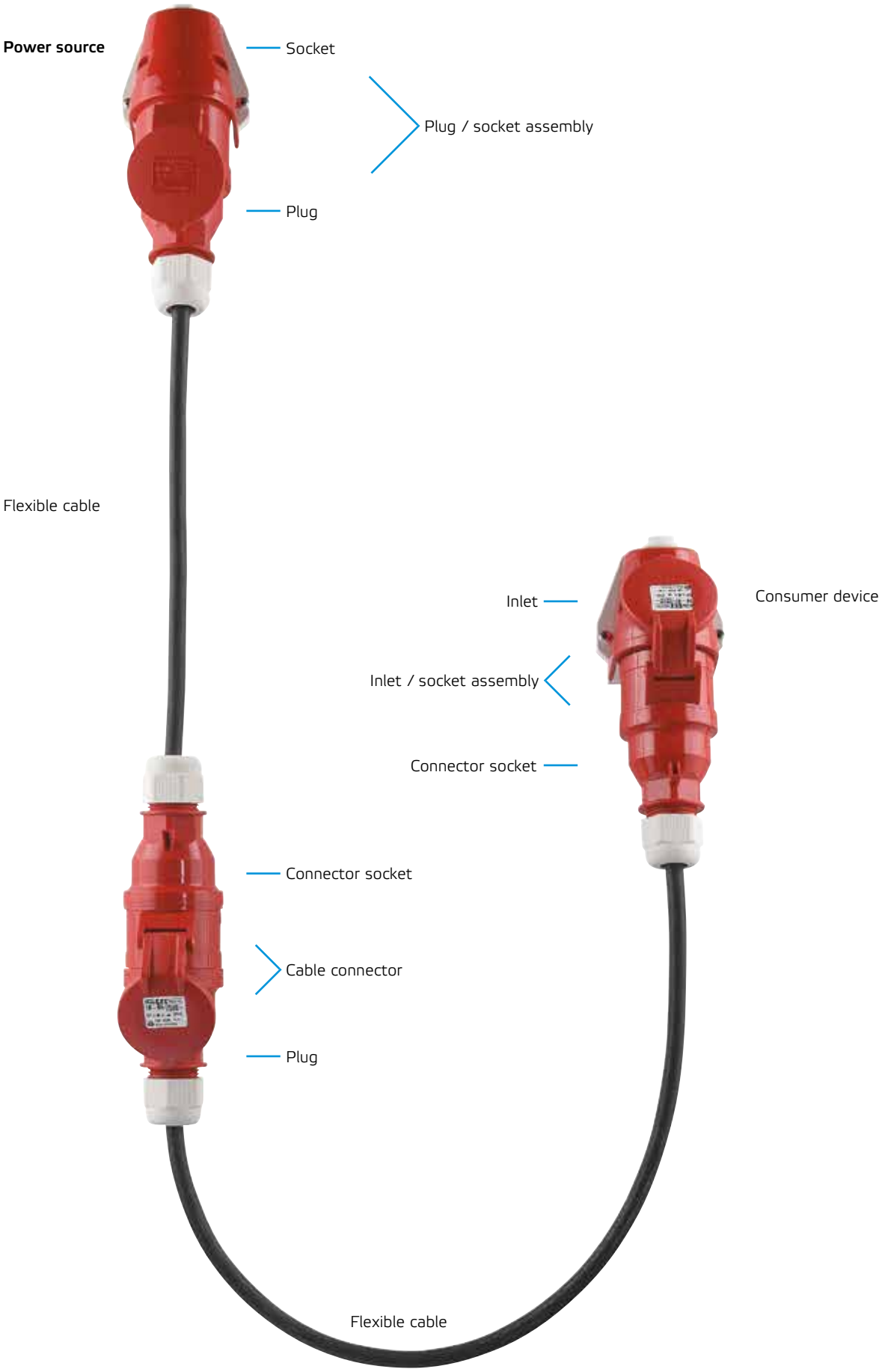
Additional content of the standard is subdivided as follows: DIN EN 61439-5: Cable distribution cabinets, DIN EN 61439-6: Busbar distributors, DIN EN 61439-7: Switchgear assemblies for specific applications, spaces and installations of a special kind.

What does the standard mean for the end user?

DIN EN 61439 forms the basis for a clear definition of the performance promise that has been agreed between the user and manufacturer of a switchgear or controlgear system. Therefore, the fulfilling of the performance promise can be evaluated and represented for both parties. The effort involved in applying the new standard is not too dissimilar from the previous effort required. DIN EN 61439 leads the manufacturer to the required verifications in a structured manner. A manufacturer who applies the new standard correctly can definitively prove that its products can be operated safely and reliably.

Bals distributors: solutions tailored for DIN EN 61439

All plug-and-socket-device assemblies produced by Bals Elektrotechnik in accordance with the basic standard DIN EN 61439-1 and the corresponding standardisation sections DIN EN 61439-2, 61439-3 and 61439-4 can without exception be operated by non-experts. This includes the connection and disconnection of plug and socket devices as well as the operation of safety elements installed by us, such as miniature circuit breakers or residual current circuit breakers. The operating elements are installed in such a way that they comply with protection class IP 2X, which also covers protection class IP XXB (DIN EN 61439-3 Paragraph 8.2.2. and DIN EN 61439-2 Paragraph 8.101 Note 1). Non-experts are, of course, not permitted to open the housings of live assembly units. For this reason, it is only possible to open our housings using a suitable tool.
Our distributors are usually pre-wired and ready for connection. For this reason, we are responsible for supplying verifications as the manufacturer of these products. We cannot declare any conformity for non-wired or partially wired devices requiring further modification, since the completion of the product is not performed by us on our premises.


Power source
Socket
Plug / socket assembly
Plug
Flexible cable
Inlet
Consumer device
Inlet / socket assembly
Connector socket
Connector socket
Cable connector
Plug
Flexible cable

Information about CEE plugs and sockets for industrial applications
CEE plugs and sockets are internationally standardised by IEC 60309-1,-2 and also EN 60309-1,-2 valid in Europe.

IEC (International Electrotechnical Commission)
International electrotechnical commission responsible for worldwide standardisation in the electrotechnical field.

IECEE CB (IEC System for Conformity Testing to Standards for safety of Electrical Equipment)
IEC system for conformity testing of electrical equipment in accordance with safety standards.

CENELEC (European committee for electrotechnical standardisation)
International electrotechnical commission responsible for European standardisation in the electrotechnical field.

Series of EN 60309 standards
This European standard was ratified by CENELEC. The CENELEC members are obliged to comply with the requirements of the CEN/CENELEC rules of procedure which define the conditions under which this European standard is, without any modification, to be given the same status as a national standard.
This European standard shall exist in two official versions (English, French). A version in a different language that has been translated into the respective national language independently by the CENELEC member and communicated to the Central Secretariat shall have the same status as the official versions.

CEE standard system
To ensure that a plug cannot be inserted into a socket with a different voltage or frequency, the positions of the protective contacts relative to the keyway of the socket collar have been assigned to certain voltages and frequencies.
A groove in the connector collar and a corresponding lug on the plug prevent hazardous confusion between the systems. Even if this safety device is damaged, hazardous connection of the protective conductor pin and the phase sleeve is still not possible as the protective conductor pin which has a considerably larger diameter than the phase pin cannot be inserted into the phase sleeve.
Bals CEE plugs and sockets for amperages of 16A, 32A, 63A and 125A have sufficient switching capacity in accordance with DIN EN 60309 and can be actuated under load on consumables up to 690 V AC in accordance with DIN VDE 0100; corresponding test documents can be provided on request.
CEE plugs and sockets for amperages of 63A and 125A are equipped with a pilot contact that enables electrical interlocking or monitoring as per DIN EN 60309. This contact closes late when plugging in and opens early when pulling out.

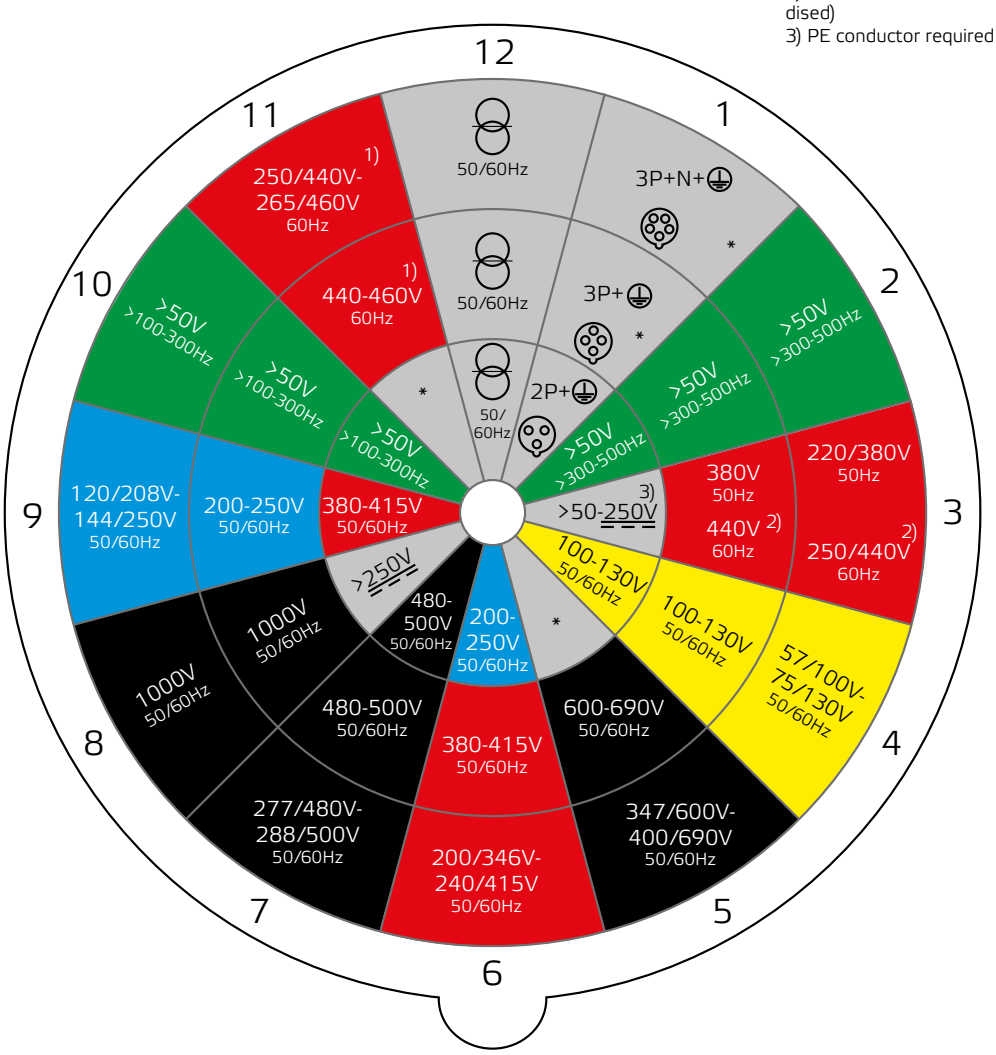
System QUICK CONNECT
In 1998, Bals was the first manufacturer to introduce screwless connection technology based on the spring-clamp system onto the market under the brand name QUICK-CONNECT. Today, this technology developed by Bals is accepted and patented worldwide, is VDE-tested and has been approved without restriction.
The entire QUICK-CONNECT product range can therefore be used universally, consists of over 700 items and is available in all product categories and the customary protection degrees. Every year, Bals puts over 3 millions units of these unique products on the market worldwide and has consistently adapted its entire production and sales system to this innovation. The products are available from 16A 3p to 63A 5p as plugs, connectors and sockets.

QUICK-CONNECT puts an end to fault-prone threaded connections and prevents the inherent problems associated with insulation displacement connector technology. The time-saving and cost-cutting innovation from Bals is consistently marketed via the three-stage sales channel and, owing to its technical benefits and patented unique characteristics, offers major commercial opportunities for marketing agents and end users.
Bals focuses consistently on its inventions and therefore mentions a large part of the still available screw products only briefly at the end of this catalogue.

More information about the new technologies can be found on page 8 and 9, and on the introduction pages of the individual product groups.

The illustration shows the position of the protective contact of a socket (front view) with rated operating voltages above 50 V, in accordance with DIN EN 60309-2. Plugs and inlets are mirror-inverted.

1) Mainly for ship installations
2) For reefer containers only (ISO standardised)
3) PE conductor required



After transformer

DC

∗ All other configurations not covered by the rated operating voltages and / or frequencies.
This clock face position can be additionally used in special applications when a distinction to standardized positions is required.

Position of the auxiliary lug relative to the basic lug for various voltages up to 50 V and frequencies up to 500 Hz in accordance with DIN EN 60309-2.

Poles	Frequency	Rated operating voltage	Position of auxiliary lug	Kennfarbe
2-, 3pol.	50 and 60	20 - 25	none	violet
	50 and 60	40 - 50	12 h	white
	100 - 200	40 - 50	4 h	green
	300	20 - 25 40 - 50	2 h	green
	400	20 - 25 40 - 50	3 h	green
	above 400 - 500	20 - 25 40 - 50	11 h	green

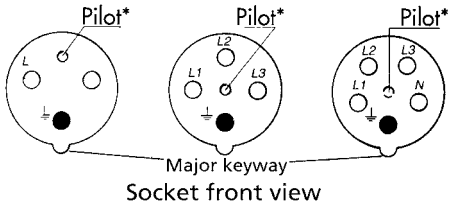
Colour Coding

When the operating voltage is indicated colour codes in addition to specified labels, the colour code given in the table below should be used:

Rated operating voltage or freqiency	colour code
20 - 25 V	violet
40 - 50 V	white
100 - 130 V	yellow
200 - 250 V	blue
380 - 480 V	red
500 - 690 V	black
above 60-500 Hz	green

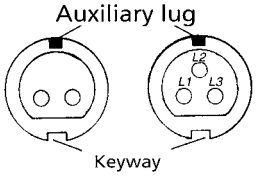
Contact layout for CEE plugs and sockets

Greater than 50 V:



Socket front view

Up to 50 V:



Socket front view

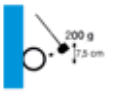
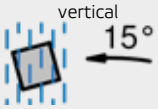
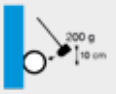
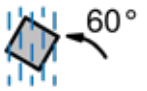
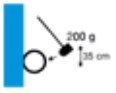
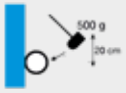
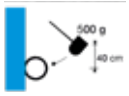
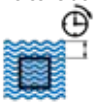
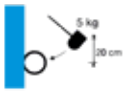
*only at 63A and 125A

Identification of conductor connections

The connections must be labelled with the following symbols: L1, L2, L3 or 1, 2, 3 for the outer conductors.
The neutral conductor is labelled with N and the earth contact with ⏚

IP protection degrees for enclosures as per DIN EN 60529 (DIN VDE 0470)

IK-code as per DIN EN 62262 (VDE 0470)

1st code digit	Protection of the enclosure against penetration by	Protection against contact with	2nd code digit	Protection of the enclosure against harmful effects by	Code digit	Impact resistance
0	no protection	no protection	0	no protection	0	not protected according to stadard
1	Solid objects lager than 50mm	Back of Hand	1	Vertically falling dripping water	01	Energy 0,140 Joule 
2	Solid objects lager than 12,5mm	Finger	2	Dripping water up to 15° relative to vertical 	02	Energy 0,200 Joule 
3	Solid objects lager than 2,5mm	Tool	3	Dripping water up to 60° relative to vertical 	05	Energy 0,700 Joule 
4	Solid objects lager than 1mm	Wire	4	Splashing water from all directions	06	Energy 1 Joule 
5	Damaging dust deposits	Wire	5	Water jet from all directions	07	Energy 2 Joule 
6	Dust-proof (full protection)	Wire	6	Strong water jets	08	Energy 5 Joule
			7	Immersion under specific pressure and time conditions 	09	Energy 10 Joule 
			8	Immersion under specific pressure for indefinite time*	10	Energy 20 Joule

Example IP67:
6 - Dust-proof (full protection)
7 - Immersion under specific pressure and time conditions

* Conditions are defined jointly by the manufacturer and end user. Tightening of the test conditions compared to code digit 7.

All Bals plugs and sockets are:

Impact-resistant, even at extremely low temperatures	Tested from -25ºC up to +40ºC
Dimensionally stable, even with high heat generation	Glow wire test at 650ºC and 850ºC
Protected against splashing water, watertight and dust-proof in accordance with protection degrees IP44 and IP67	Tests in accordance with DIN EN 60529, e.g. at water depth of 1 m
High switching capacity, can therefore also be connected and disconnected under load	Contacts and insert are subjected to a continuous mechanical, electrodynamic and thermal load
Ageing resistant	Long-term testing at a temperature of 80ºC
Good electrical insulation properties	Plastic parts used insulate voltages of ≥ 2500 V~
Dimensionally stable and abrasion-resistant	Tested through years of use under harsh operating conditions
Environmentally friendly	Plugs and sockets are cadmium-free and halogen-free

The same generally applies for the plug/socket combination systems as for plugs and sockets, whereby here it is particularly important to take resistance against chemicals into consideration. The high-quality plastics and solid rubber used are suitable for the majority of applications. If, however, chemicals are used (e.g. for cleaning tasks in food processing plants), it may be necessary to use a different material (see “Material resistance list” on page 21) or contact us.

Glow wire test

Product testing at -25ºC

Material resistance list

This list contains the most common chemicals.
It provides information on the basic resistance of the listed materials in combination with the listed chemicals. The concentration of the chemicals and the ambient temperature must additionally be taken into consideration. If other chemicals or a combination of chemicals are used, it is essential to perform a precise chemical resistance check.

■ **resistant** ◪ **conditionally resistant** □ **non-resistant**

	Polyamide	Polycarbonate	Polyester	Rubber
Acetic acid 10%	□	■	◪	□
Acetone	■	□	◪	■
Alcohol (ethyl alcohol)	■	■	■	■
Alcoholic beverages	■	■	■	■
Ammonium (aqueous)	■	□	■	■
Benzene	■	□	◪	□
Bromine	□	□	□	□
Butter	■	□	■	□
Caustic detergent solutions	■	◪	■	◪
Chlorine	◪	◪	◪	◪
Curd soap solution (2%)	■	■	■	■
Dichloromethane	◪	□	□	□
Diesel oil, heating oil	■	◪	■	◪
Edible oils and edible fats	■	■	■	◪
Ethyl ether	■	□	■	□
Fruit juices	◪	■	■	■
Glycerine	■	◪	■	■
Glycol	◪	◪	■	■
Hydrochloric acid (up to 35%)	□	◪	□	◪
Hydrofluorocarbons	■	□	■	□
Hydrogen peroxide (30%)	◪	■	◪	◪
Iodine	□	◪	□	■
Lard	■	□	■	◪
Methanol	◪	□	■	■
Milk	■	■	■	■
Mineral oils and mineral greases	■	■	■	◪
Nitrobenzene	■	□	◪	□
Ozone	□	■	□	◪
Perchloroethylene	◪	□	■	□
Petrol	■	■	■	□
Premium petrol (aromatic)	■	□	◪	□
Soap solution (aqueous)	■	■	■	◪
Sulphuric acid (up to 40%)	□	■	□	■
Toluene	■	□	◪	□
Trichloroethylene	◪	□	□	□
Urea	◪	◪	■	■
Washing-up liquid	◪	◪	■	■
Water (hot)	◪	◪	◪	◪
Water and seawater (cold)	■	■	■	■

Source: Werkstoff-Führer Kunststoff (Material Guide - Plastic)Hellerich/ Harsch/ Haenle 6th edition Bayer Kunststoff

Principal used materials and properties of Bals CEE plugs and sockets

	Connection technology	Material of contact carrier	Material of contact	Material of enclosure	Material of cover rivet	Material of fastening screw	Material of contact screw
TLS plug	Screw terminal	PA6	Brass	PA6	-	Steel blue galvanised	Steel nickel plated
Standard plug	QUICK CONNECT	PA6	Brass	PA6	-	-	-
TE plug	Screw terminal	PA6.6	Brass nickel-plated	PA6	-	Stainless Steel V2A	Steel nickel plated
TE-Plus plug	QUICK CONNECT	PA6.6	Brass nickel-plated	PA6	-	Stainless Steel V2A	-
TLS connector	Screw terminal	PA6	Brass	PA6	Brass	Steel blue galvanised	Steel nickel plated
Standard connector	QUICK CONNECT	PA6	Brass	PA6	Brass	-	-
TE connector	Screw terminal	PA6.6	Brass nickel-plated	PA6	Stainless Steel V2A	Stainless Steel V2A	Steel nickel plated
TE-Plus connector	QUICK CONNECT	PA6.6	Brass nickel-plated	PA6	Stainless Steel V2A	Stainless Steel V2A	-
Surface Mounting Socket Outlet Standard	QUICK CONNECT	1)	2)	3)	Brass	4)	-
TE Surface Mounting Socket Outlet	QUICK CONNECT	PA6.6	Brass nickel-plated	3)	Stainless Steel V2A	Stainless Steel V2A	-
Panel Mounting Socket Outlet Standard	QUICK CONNECT	1)	2)	PA6	Brass	-	-
TE Panel Mounting Socket Outlet	QUICK CONNECT	PA6.6	Brass nickel-plated	PA6	Stainless Steel V2A	-	-
Inlets	QUICK CONNECT	1)	2)	PA6	-	-	-
TE inlet	QUICK CONNECT	PA6.6	Brass nickel-plated	PA6	-	-	-

1) 16 + 32A made of PA6
63A made of PA6.6

2) 16 + 32A made of brass
63A made of brass (nickel-plated)

3) 16 + 32A made of PA6
63A made of PC

4) 16 + 32A made of steel (blue, galvanised)
63A made of stainless steel A2

PA6 (polyamide) and PC (polycarbonate) are high-grade plastics that are predominantly used for plugs, sockets and combinations
PA6.6 (polyamide with glass-fibre content) is a high-grade plastic that is characterised in particular by its high heat resistance.

Withdrawal forces for MULTI-GRIP cable gland system

Plug / connector	Cable ø	Torque		Pulling force as per EN 60309	Measured pulling force*
		min.	max.		
16A 3 and 4 pol.	8 mm	4 Nm	7 Nm	80 N	85 N (300 N)
16A 3 and 4 pol.	18 mm	4 Nm	7 Nm	80 N	200 N
16A 3 and 4 pol.	< 7 mm	4 Nm	7 Nm	with reducer type 29129	300 N
16A 5 pol. TLS and QC	8 mm	4 Nm	7 Nm	80 N	85 N
16A 5 pol. TLS and QC	18 mm	4 Nm	7 Nm	80 N	200 N
16A 5 pol. TE	10 mm	4 Nm	7 Nm	80 N	400 N
16A 5 pol. TE	21 mm	4 Nm	7 Nm	80 N	600 N
32A 3 and 4 pol.	11 mm	4,5 Nm	9 Nm	100 N	400 N
32A 3 and 4 pol.	23 mm	4,5 Nm	9 Nm	100 N	600 N
32A 5 pol. TLS and QC	11 mm	4,5 Nm	9 Nm	100 N	400 N
32A 5 pol. TLS and QC	23 mm	4,5 Nm	9 Nm	100 N	600 N
32A 5 pol. TE	13 mm	5 Nm	9,5 Nm	100 N	350 N
32A 5 pol. TE	27 mm	5 Nm	9,5 Nm	100 N	550 N
63A 3 - 5 pol.	24 mm	7,5 Nm	20 Nm	120 N	1900 N
63A 3 - 5 pol.	27 mm	7,5 Nm	20 Nm	120 N	2000 N
125A 3 - 5 pol.	36 mm	10 Nm	22 Nm	200 N	2700 N
125A 3 - 5 pol.	41 mm	10 Nm	22 Nm	200 N	2200 N

* Measured pulling force:
Room temperature 20°C, testing machine type TIRA tes 2710/1
Rubber of cable: H07RN-F

Non-binding guideline values.
Reserve technical changes.

Bals
ELEKTROTECHNIK
Mit Verriegelung
with interlock
avec verrouillage

Surface Mounting Socket Outlets

Surface Mounting Socket Outlets IP44

Pages 36 - 37

Surface Mounting Socket Outlets IP67

Pages 38 - 40

Surface Mounting Socket Outlets Straight IP44

Page 37

Surface Mounting Socket Outlets Straight IP67

Page 38

Surface Mounting Socket Outlets Combined

Page 41

Surface Mounting Socket Outlets Aggressive Cond.

Pages 42 - 43

Surface Mounting Socket Outlets with „PSC“

Page 44

Surface Mounting Socket Outlets Domestic

Page 45

Combined Surface Mounting Socket Outlets

Fused

Pages 46 - 52

Switched, Interlocked

Pages 53 - 55

Switched, Fused

Pages 56 - 57

Switched, Interlocked, Fused

Pages 58 - 59

Combined Surface Mounting Socket Outlets for harsh and / or aggressive Ambient Conditions

Switched, Interlocked

Pages 60 - 61

Switched, Interlocked, Fused

Pages 62 - 63

Panel Mounting Socket Outlets

Straight, IP44

Pages 64 - 66

Angled, IP44

Pages 66 - 68

Straight, IP67

Pages 69 - 71

Angled, IP67

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With Auxiliary Contact or PSC

Pages 74 - 75

Domestic Type

Page 75

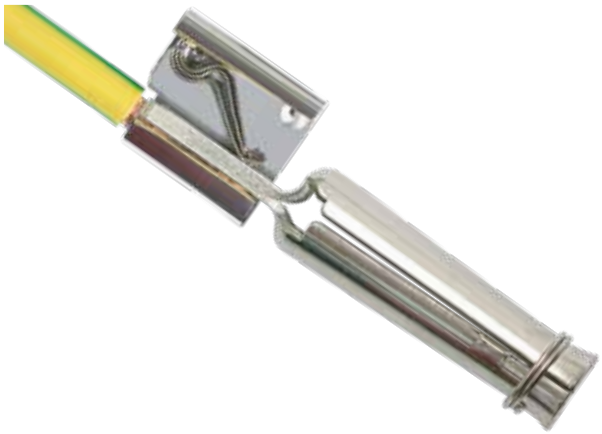
For Harsh or Aggressive Conditions

Pages 76 - 77

Accessories for Sockets

Pages 78 - 79

Technical features



Kontex-Contact

- Defined contacting at the sleeve opening by means of the finely adjustable stainless-steel spring with excellent outstanding insertion and withdrawal forces
- High self-cleaning effect when the plug pin is inserted and removed reduces the risk of soiling and therefore failure of the plug and socket
- Terminal accept all types of conductor without problem

Screwless QUICK CONNECT terminals 16A and 32A

- All QUICK-CONNECT sockets are touch-safe
- No wire end ferrules necessary
- Pressing the contact slide with your finger closes the terminal
- Reliable and permanent connection by means of spring-clamp technology
- The damage-free conductor clamping guarantees an optimum connection over the entire service life
- Rewiring without additional handling of the conductor

Surface Mounting Socket Outlets QUICK CONNECT

- Cable entry from above
- Removable insert
- QUICK-CONNECT terminals
- External fastening

HKS panel mounting sockets for elegant control, regulation, monitoring, checking

- Additional auxiliary contact switch (HKS) is actuated by the plug
- Available on CEE angled Panel Mounting Socket Outlets 16A and 32A as well as on Domestic sockets
- Electrical plug interlocking possible
- Potential-free switching
- Switching element, e.g. contactor, can be set separately

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

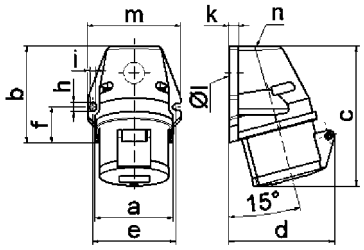
Surface Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- Cable entry 1x at top (open) and 1x at bottom (closed)
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**11912**			**11895**															10	170
16	4				**11910**			**11905**			**11914**									10	200
16	5							**112001**												10	220
32	3	**11918**			**11919**															10	260
32	4				**11921**			**11922**			**11924**									10	275
32	5				**11926**			**112002**			**11927**									10	300

112001



1 MB 19

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	59,5	72,4	72,4	79,1	79,1	79,1
b	90,0	90,0	90,0	92,0	92,0	92,0
c	130,0	130,0	131,0	142,0	142,0	142,0
d	85,0	96,0	98,0	103,0	103,0	106,0
e	62,0	77,0	77,0	84,0	84,0	84,0
f	33,5	33,5	33,5	30,0	30,0	30,0
h	9,0	9,0	9,0	9,0	9,0	9,0
i	5,5	5,5	5,5	5,5	5,5	5,5
k	8,0	9,0	9,0	9,0	9,0	9,0
ø l	21,0	21,0	21,0	21,0	21,0	21,0
m	72,0	87,0	87,0	94,0	94,0	94,0
n	M20	M25	M25	M25	M25	M25
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

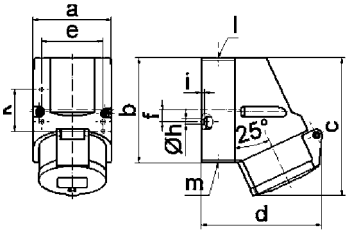
Surface Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- Cable entry 1x at top (open), 1x at bottom and 1x at rear (closed)
- Base rotatable by 180°
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**11928**			**11930**			**11931**			**11932**			**11933**			**11934**			10	185
16	4							**11907**												10	240
16	5							**11906**												10	260

11906



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Ampere	16	16	16
Poles	3	4	5
a	64,0	75,0	75,0
b	87,0	100,0	100,0
c	117,0	129,0	131,0
d	103,0	108,0	116,0
e	51,0	59,0	59,0
f	-	11,0	11,0
ø h	4,1	5,1	5,1
i	4,5	4,5	4,5
k	40,0	-	-
l	M20	M20	M20
m	für M20	für M20	für M20
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

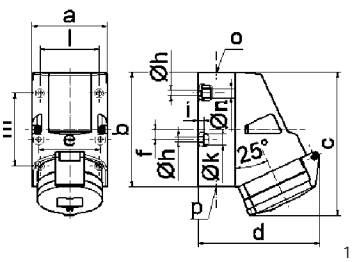
Surface Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- Cable entry 1x at top (open), 2x at bottom (closed)
- Base rotatable by 180°
- Suitable for feed-through wiring with special terminals
- Protection degree IP44

QUICK CONNECT Twin terminal

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	4							**11944**			**11945**									10	305
16	5							**11909**			**11947**									10	325
32	3	**11948**			**11949**															10	350
32	4				**11955**			**11956**			**11957**			**110073**						10	365
32	5	**11960**			**110322**			**11962**			**11963**									10	405
16	5							**110451**												10	330

11909



1 MB 2

Ampere	16	16	32	32	32
Poles	4	5	3	4	5
a	83,0	83,0	83,0	83,0	83,0
b	126,0	126,0	126,0	126,0	126,0
c	153,0	155,0	155,0	155,0	155,0
d	127,0	130,0	130,0	130,0	136,0
e	68,0	68,0	68,0	68,0	68,0
f	11,0	11,0	11,0	11,0	11,0
ø h	5,5	5,5	5,5	5,5	5,5
i	6,5	6,5	6,5	6,5	6,5
ø k	12,0	12,0	12,0	12,0	12,0
l	65,0	65,0	65,0	65,0	65,0
m	80,0	80,0	80,0	80,0	80,0
ø n	10,0	10,0	10,0	10,0	10,0
o	M25	M25	M25	M25	M25
p	2xM25	2xM25	2xM25	2xM25	2xM25
Cond. mm² min	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	10	10	10

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

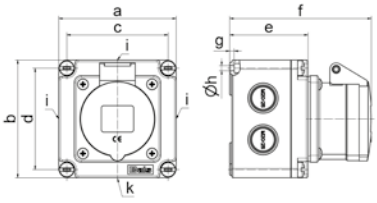
Surface Mounting Socket Outlet QUICK-CONNECT, straight

- Screwless terminals
- Kontex contact
- Cable entry 7x M20/25
- With large wiring space
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3			**110542**			**110541**			**110543**										10	320
16	4			**110545**			**110544**			**110546**										10	335
16	5			**110548**			**110547**			**110549**										10	355
32	3			**110551**			**110550**			**110552**										10	380
32	4			**110554**			**110553**			**110555**										10	395
32	5			**110557**			**110556**			**110558**										10	435

110558



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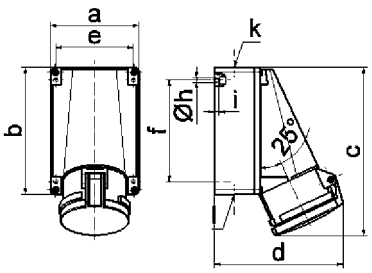
Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	102,0	102,0	102,0	102,0	102,0	102,0
b	102,0	102,0	102,0	102,0	102,0	102,0
c	88,0	88,0	88,0	88,0	88,0	88,0
d	88,0	88,0	88,0	88,0	88,0	88,0
e	68,0	68,0	68,0	68,0	68,0	68,0
f	119,0	121,0	122,0	130,0	130,0	131,0
g	4,0	4,0	4,0	4,0	4,0	4,0
h	4,5	4,5	4,5	4,5	4,5	4,5
i	2xM20/25	2xM20/25	2xM20/25	2xM20/25	2xM20/25	2xM20/25
k	M20/25	M20/25	M20/25	M20/25	M20/25	M20/25
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Surface Mounting Socket Outlet

- Cable entry 1x at top (open), 2x at bottom (closed)
- Base rotatable by 180°
- Nickel plated contacts
- Kontex contact
- Box terminals
- Protection degree IP44
- For screw terminal Surface Mounting Socket Outlets with PILOT, please add -P to the ref. no.

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
QUICK CONNECT																					
63	4									**110415**			**110445**							5	900
63	5									**110383**										5	945
Screw terminal:																					
63	3			**1106**			**1104**			**1107**			**11795**			**11345**			**11640**	5	780
63	4			**1125**			**1126**			**1127**			**1128**			**11221**			**11051**	5	795
63	5			**1129**			**1130**			**1124**			**11208**			**11429**			**1108**	5	830

1124



1 MB 4

Ampere	16	16	16
Poles	3	4	5
a	118,0	118,0	118,0
b	170,0	170,0	170,0
c	223,0	223,0	223,0
d	168,0	168,0	168,0
e	104,0	104,0	104,0
f	136,0	136,0	136,0
ø h	6,1	6,1	6,1
i	6,0	6,0	6,0
k	M40	M40	M40
l	M32/32	M32/32	M32/32
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

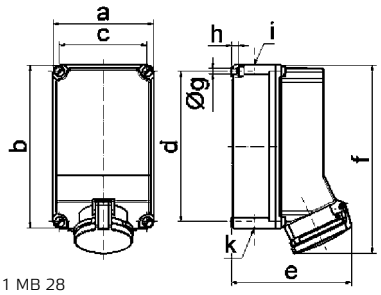
Surface Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Kontex contact
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Box terminals
- With large wiring space
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
63	4									**110486**										1	1580
63	5									**110487**										1	1690

110487



1 MB 28

Ampere	63	63
Poles	4	5
a	160,0	160,0
b	260,0	260,0
c	140,0	140,0
d	240,0	240,0
e	184,0	184,0
f	302,0	302,0
ø g	8,1	8,1
h	10,0	10,0
i	M40	M40
k	M32/40	M32/40
Cond. mm² min	6	6
Cond. mm² max	25	25

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

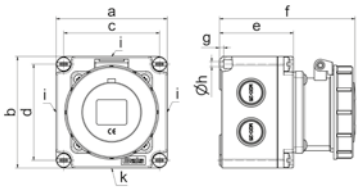
Surface Mounting Socket Outlet QUICK-CONNECT, straight

- Screwless terminals
- Kontex contact
- Cable entry 7x M20/25
- With large wiring space
- Protection degree IP67

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**110560**			**110559**			**110561**												10	340
16	4	**110563**			**110564**			**110562**												10	355
16	5	**110566**			**110567**			**110565**												10	375
32	3	**110569**			**110568**			**110570**												10	415
32	4	**110572**			**110571**			**110573**												10	435
32	5	**110575**			**110574**			**110576**												10	470

110576



1 MB 121

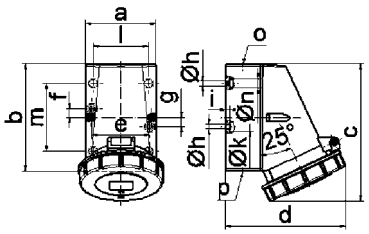
Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	102,0	102,0	102,0	102,0	102,0	102,0
b	102,0	102,0	102,0	102,0	102,0	102,0
c	88,0	88,0	88,0	88,0	88,0	88,0
d	88,0	88,0	88,0	88,0	88,0	88,0
e	68,0	68,0	68,0	68,0	68,0	68,0
f	124,0	125,0	124,0	134,0	134,0	134,0
g	4,0	4,0	4,0	4,0	4,0	4,0
ø h	4,5	4,5	4,5	4,5	4,5	4,5
i	2xM20/25	2xM20/25	2xM20/25	2xM20/25	2xM20/25	2xM20/25
k	M20/25	M20/25	M20/25	M20/25	M20/25	M20/25
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Surface Mounting Socket Outlet

- Screw terminals
- Cable entry 1x at top (open), with 16A 1x and with 32A 2x at bottom (closed)
- Base rotatable by 180º
- Protection degree IP67

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**1132**			**1133**			**1134**			**11320**			**11350**			**11027**			10	210
16	4	**1135**			**1136**			**1137**			**1138**			**1139**			**1140**			10	265
16	5	**1141**			**1142**			**1143**			**11343**			**11390**			**11342**			10	300
32	3	**1144**			**1145**			**1146**												10	395
32	4	**1147**			**1148**			**1149**			**1150**			**1151**			**1152**			10	415
32	5	**1153**			**1154**			**1155**			**11326**			**11432**			**11025**			10	450

1155



1 MB 13

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	64,0	75,0	75,0	83,0	83,0	83,0
b	87,0	100,0	100,0	126,0	126,0	126,0
c	115,0	130,0	130,0	160,0	160,0	160,0
d	103,0	110,0	115,0	129,0	129,0	135,0
e	51,0	59,0	59,0	68,0	68,0	68,0
f	20,0	11,0	11,0	11,0	11,0	11,0
g	20,0	-	-	-	-	-
ø h	4,1	5,1	5,1	5,5	5,5	5,5
i	4,5	4,5	4,5	6,5	6,5	6,5
ø k	8,0	10,0	10,0	12,0	12,0	12,0
l	-	-	-	65,0	65,0	65,0
m	-	-	-	80,0	80,0	80,0
ø n	-	-	-	10,0	10,0	10,0
o	M20	M20	M20	M25	M25	M25
p	f. M20	f. M20	f. M20	2xM25	2xM25	2xM25
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

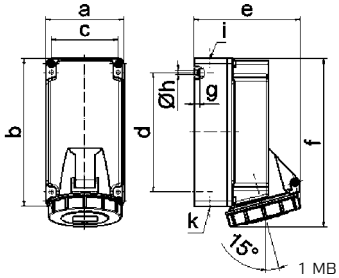
Surface Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Kontex contact
- High-temperature-resistant contact carrier
- Nickel plated contacts
- With large wiring space
- Protection degree IP67

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**11579**			**11492**									**110436**						1	430
16	4				**11630**			**11493**			**11155**									1	450
16	5	**11566**						**110094**						**110435**						1	480

110094



1 MB 8

Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	115,0	122,0
f	191,5	191,5	195,0
g	6,5	6,5	6,5
ø h	5,5	5,5	5,5
i	M20	M20	M20
k	M20/25	M20/25	M20/25
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

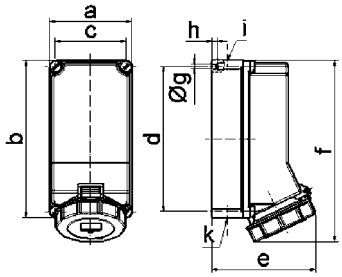
Surface Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Kontex contact
- High-temperature-resistant contact carrier
- Nickel plated contacts
- With large wiring space
- Protection degree IP67

QUICK CONNECT

110075

Ampere	Poles	110V 50-60 Hz 2P+E 3pol 4h	110V 50-60 Hz 3P+E 4pol 4h	110V 50-60 Hz 3+N+E 5pol 4h	230V 50-60 Hz 2P+E 3pol 6h	230V 50-60 Hz 3P+E 4pol 9h	230V 50-60 Hz 3+N+E 5pol 9h	400V 50-60 Hz 2P+E 3pol 9h	400V 50-60 Hz 3P+E 4pol 6h	400V 50-60 Hz 3+N+E 5pol 6h	500V 50-60 Hz 2P+E 3pol 7h	500V 50-60 Hz 3P+E 4pol 7h	500V 50-60 Hz 3+N+E 5pol 7h	>50V 100-300Hz 2P+E 3pol 10h	>50V 100-300Hz 3P+E 4pol 10h	>50V 100-300Hz 3+N+E 5pol 10h	>50V 301-500Hz 2P+E 3pol 2h	>50V 301-500Hz 3P+E 4pol 2h	>50V 301-500Hz 3+N+E 5pol 2h	Quantity	g Each
32	3	**11580**			**11496**			**11879**												1	825
32	4				**11555**			**11461**			**11156**									1	830
32	5							**110075**												1	850



1 MB 14

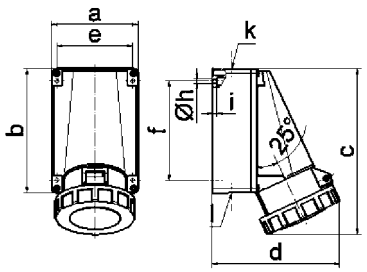
Ampere	32	32	32
Poles	3	4	5
a	118,0	118,0	118,0
b	225,0	225,0	225,0
c	101,0	101,0	101,0
d	208,0	208,0	208,0
e	143,0	143,0	149,0
f	255,0	255,0	255,0
ø g	6,5	6,5	6,5
h	8,0	8,0	8,0
i	2xM25	2xM25	2xM25
k	2xM25	2xM25	2xM25
Cond. mm² min	2,5	2,5	2,5
Cond. mm² max	10	10	10

Surface Mounting Socket Outlet

- Cable entry 1x at top (open), 1x at bottom (closed)
- Nickel plated contacts
- Base rotatable by 180°
- Kontex contact
- Box terminals
- Protection degree IP67
- For screw terminal Surface Mounting Socket Outlets with PILOT, please add -P to the ref. no.

1112

Ampere	Poles	110V 50-60 Hz 2P+E 3pol 4h	110V 50-60 Hz 3P+E 4pol 4h	110V 50-60 Hz 3+N+E 5pol 4h	230V 50-60 Hz 2P+E 3pol 6h	230V 50-60 Hz 3P+E 4pol 9h	230V 50-60 Hz 3+N+E 5pol 9h	400V 50-60 Hz 2P+E 3pol 9h	400V 50-60 Hz 3P+E 4pol 6h	400V 50-60 Hz 3+N+E 5pol 6h	500V 50-60 Hz 2P+E 3pol 7h	500V 50-60 Hz 3P+E 4pol 7h	500V 50-60 Hz 3+N+E 5pol 7h	>50V 100-300Hz 2P+E 3pol 10h	>50V 100-300Hz 3P+E 4pol 10h	>50V 100-300Hz 3+N+E 5pol 10h	>50V 301-500Hz 2P+E 3pol 2h	>50V 301-500Hz 3P+E 4pol 2h	>50V 301-500Hz 3+N+E 5pol 2h	Quantity	g Each
QUICK CONNECT																					
63	4							**110416**			**110446**									5	960
63	5							**110413**												5	1005
Screw terminal:																					
63	3	**1156**			**1157**			**1158**									**11748**			5	800
63	4	**1159**			**1160**			**1161**			**1162**			**11433**			**11341**			5	840
63	5	**1163**			**1164**			**1112**			**11017**			**11368**			**11126**			5	875



1 MB 3

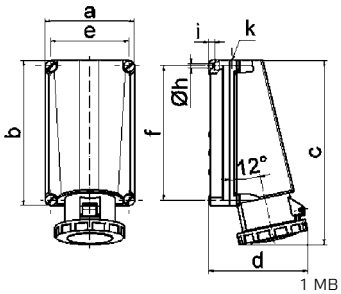
Ampere	63	63	63
Poles	3	4	5
a	118,0	118,0	118,0
b	170,0	170,0	170,0
c	228,0	228,0	228,0
d	176,0	176,0	176,0
e	104,0	104,0	104,0
f	136,0	136,0	136,0
ø h	6,1	6,1	6,1
i	6,0	6,0	6,0
k	M40	M40	M40
l	M32/32	M32/32	M32/32
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Surface Mounting Socket Outlet

- Screw terminals
- Cable entry 1x M50 at top
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67
- For Surface Mounting Socket Outlets with PILOT, please add -P to the ref. no.

11447

Ampere	Poles	110V 50-60 Hz 2P+E 3pol 4h	110V 50-60 Hz 3P+E 4pol 4h	110V 50-60 Hz 3+N+E 5pol 4h	230V 50-60 Hz 2P+E 3pol 6h	230V 50-60 Hz 3P+E 4pol 9h	230V 50-60 Hz 3+N+E 5pol 9h	400V 50-60 Hz 2P+E 3pol 9h	400V 50-60 Hz 3P+E 4pol 6h	400V 50-60 Hz 3+N+E 5pol 6h	500V 50-60 Hz 2P+E 3pol 7h	500V 50-60 Hz 3P+E 4pol 7h	500V 50-60 Hz 3+N+E 5pol 7h	>50V 100-300Hz 2P+E 3pol 10h	>50V 100-300Hz 3P+E 4pol 10h	>50V 100-300Hz 3+N+E 5pol 10h	>50V 301-500Hz 2P+E 3pol 2h	>50V 301-500Hz 3P+E 4pol 2h	>50V 301-500Hz 3+N+E 5pol 2h	Quantity	g Each
125	3	**11436**			**11437**			**11438**			**110452**									1	1535
125	4	**11439**			**11440**			**11441**			**11442**			**11443**			**11444**			1	1965
125	5	**11445**			**11446**			**11447**									**110468**			1	2085



1 MB 20

Ampere	125	125	125
Poles	3	4	5
a	160,0	160,0	160,0
b	260,0	260,0	260,0
c	330,0	330,0	330,0
d	168,0	168,0	168,0
e	140,0	140,0	140,0
f	240,0	240,0	240,0
ø h	8,3	8,3	8,3
i	10,0	10,0	10,0
k	M50	M50	M50
Cond. mm² min	25	25	25
Cond. mm² max	70	70	70

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

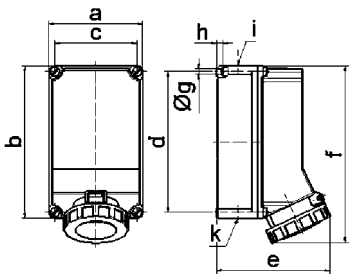
Surface Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Box terminals
- With large wiring space
- Protection degree IP67

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	4							**110488**												1	1620
63	5							**110489**												1	1730

110489



1 MB 15

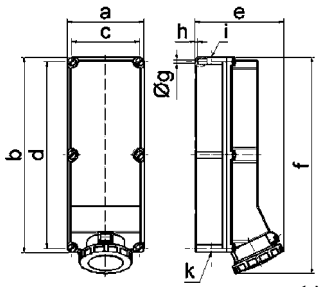
Ampere	63	63
Poles	4	5
a	160,0	160,0
b	260,0	260,0
c	140,0	140,0
d	240,0	240,0
e	195,0	195,0
f	304,0	304,0
ø g	8,1	8,1
h	10,0	10,0
i	M40	M40
k	M32/40	M32/40
Cond. mm² min	6	6
Cond. mm² max	25	25

Surface Mounting Socket Outlet

- Screw terminals
- Kontex contact
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Box terminals
- With large wiring space
- Protection degree IP67
- For Surface Mounting Socket Outlets with PILOT, please add -P to the ref. no.

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
125	3					**11476**														1	2850
125	4							**11477**			**11478**									1	2900
125	5							**11479**												1	3195

11479



1 MB 10

Ampere	125	125	125
Poles	3	4	5
a	180,0	180,0	180,0
b	460,0	460,0	460,0
c	160,0	160,0	160,0
d	440,0	440,0	440,0
e	208,0	208,0	208,0
f	510,0	510,0	510,0
ø g	8,3	8,3	8,3
h	6,5	6,5	6,5
i	M40	M40	M40
k	M40/50	M40/50	M40/50
Cond. mm² min	25	25	25
Cond. mm² max	70	70	70

Technical Information - IEC 60309, EN 60309, VDE 0623

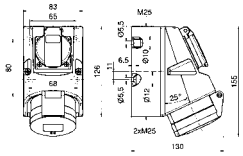
TK-Combi Socket QUICK-CONNECT

- Screwless terminals
- With terminals, with wiring (ready wired for installation)
- 109-QC with fuse base 5 x 20 mm
- With integrated domestic socket 16A/230V ~ (type F - German standard)
- Protection degree IP44

Accessories: see page 79

QUICK CONNECT

1010-QC



1 MB 122

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 4pol 5pol 6h 9h 9h	400V 50-60 Hz 3pol 4pol 5pol 9h 6h 6h	Quantity	g Each
16	5		**109-QC**	10	
16	5		**1010-QC**	10	

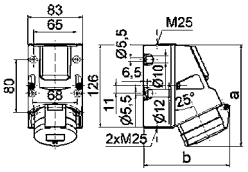
TK-Combi Socket

- With terminals, without wiring
- With integrated domestic socket 16A/230V ~ (type F - German standard)
- Protection degree IP44

[1] In the case of wiring using only one supply cable, use fuse base type 1862

Accessories: see page 79

108



	16A 4p	16A 5p	32A 4p	32A 5p
a	154	155	156	157
b	127	130	130	136

1 MB 17

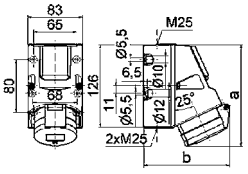
2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 4pol 5pol 6h 9h 9h	400V 50-60 Hz 3pol 4pol 5pol 9h 6h 6h	Quantity	g Each
16	4	**1012**		10	400
16	5		**107**	10	410
32[1]	5		**108**	10	465

TK-Combi Socket

- With terminals, with wiring (ready wired for installation)
- With integrated domestic socket 16A/230V ~ (type F - German standard)
- Protection degree IP44

Accessories: see page 79

1010



	16A 4p	16A 5p	32A 4p	32A 5p
a	154	155	156	157
b	127	130	130	136

1 MB 17

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 4pol 5pol 6h 9h 9h	400V 50-60 Hz 3pol 4pol 5pol 9h 6h 6h	Quantity	g Each
16	4	**1013**		10	420
16	5		**1010**	10	460

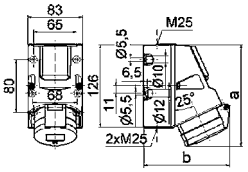
TK-Combi Socket

- With terminals, with wiring (ready wired for installation)
- With fuse base 5 x 20 mm DIN 41671 and fuse 6,3A
- With integrated domestic socket 16A/230V ~ (type F - German standard)
- Protection degree IP44

[2] 2x fuse 6,3A

Accessories: see page 79

1011



	16A 4p	16A 5p	32A 4p	32A 5p
a	154	155	156	157
b	127	130	130	136

1 MB 17

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 4pol 5pol 6h 9h 9h	400V 50-60 Hz 3pol 4pol 5pol 9h 6h 6h	Quantity	g Each
16	5		**109**	10	500
32[2]	4	**1020**		10	515
32	5		**1011**	10	510

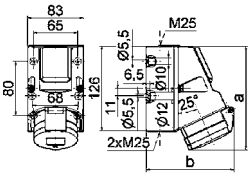
TK-Combi Socket

- Belgian/French system
- With terminals, with wiring (ready wired for installation)
- With fuse base 5 x 20 mm DIN 41671 and fuse 6,3A
- With integrated domestic socket 16A/230V ~ (type F - German standard)
- Protection degree IP44

[2] 2x fuse 6,3A

Accessories: see page 79

1018



	16A 4p	16A 5p	32A 4p	32A 5p
a	154	155	156	157
b	127	130	130	136

1 MB 17

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 4pol 5pol 6h 9h 9h	400V 50-60 Hz 3pol 4pol 5pol 9h 6h 6h	Quantity	g Each
16[2]	4	**1017**		10	450
16	5		**1015**	10	500
32[2]	4	**1019**		10	515
32	5		**1018**	10	510

Technical Information

- IEC 60309, EN 60309, VDE 0623
- Particularly suitable for harsh operating conditions, especially resistant to aggressive atmospheres

Surface Mounting Socket Outlet Quick-Connect TE

- Screw terminals
- Kontex contact
- For loopthrough
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

Dimension drawing: see page 36/3 (1 MB 2)

QUICK CONNECT

11990

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	4			**11538**			**11485**			**11968**	10	320
16	5			**11972**			**11487**			**11973**	10	330
32	3			**11977**			**11978**			**11979**	10	360
32	4			**11983**			**11984**			**11985**	10	380
32	5			**11989**			**11990**			**11991**	10	420

Surface Mounting Socket Outlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP44

Dimension drawing: see page 37/2 (1 MB 4)

11799

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	3			**11796**							5	825
63	4						**11797**			**11798**	5	885
63	5						**11799**				5	900

Surface Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Kontex contact
- For loopthrough
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT

11451

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	3			**11448**							1	410
16	4			**11995**			**11449**			**110018**	1	430
16	5						**11451**				1	450

Surface Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Kontex contact
- For loopthrough
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT

110000

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	5					**110098**					1	650
32	3			**11997**							1	755
32	4			**11998**			**11999**			**110019**	1	770
32	5						**110000**				1	785

Surface Mounting Socket Outlet TE

- Screw terminals
- For loopthrough
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP44

Dimension drawing: see page 37/3 (1 MB 28)

11803

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	3			**11800**							1	1600
63	4						**11801**			**11802**	1	1610
63	5						**11803**				1	1720

Technical Information

- IEC 60309, EN 60309, VDE 0623
- Particularly suitable for harsh operating conditions, especially resistant to aggressive atmospheres

Surface Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Kontex contact
- For loopthrough
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Dimension drawing: see page 38/3 (1 MB 8)

QUICK CONNECT

11455

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	3		**11452**			**110387**			**110388**			1	430
16	4		**11790**			**11453**			**110020**			1	450
16	5					**11455**						1	480

Surface Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Kontex contact
- For loopthrough
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Dimension drawing: see page 39/1 (1 MB 14)

QUICK CONNECT

110017

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
32	3		**110014**									1	825
32	4					**110015**			**110016**			1	845
32	5					**110017**						1	860

Surface Mounting Socket Outlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP67

Dimension drawing: see page 39/2 (1 MB 3)

11825

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	3		**11822**									5	900
63	4					**11823**			**11824**			5	920
63	5					**11825**						5	950

Surface Mounting Socket Outlet TE

- Screw terminals
- For loopthrough
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP67

Dimension drawing: see page 40/1 (1 MB 15)

11829

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	3		**11826**									1	1610
63	4					**11827**			**11828**			1	1620
63	5					**11829**						1	1640

Surface Mounting Socket Outlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP67

Dimension drawing: see page 40/2 (1 MB 10)

11815

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
125	3		**11812**									1	2850
125	4					**11813**			**11814**			1	2900
125	5					**11815**						1	3195

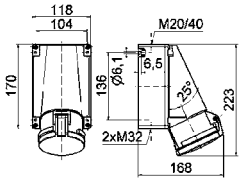
Technical Information

- IEC 60309, EN 60309, VDE 0623
- With electrical PSC interlocking

Surface Mounting Socket Outlet

- With electrical PSC interlocking and additionally M20 at top
- High-temperature-resistant contact carrier
- Kontex contact
- Box terminals
- Protection degree IP44

11787



1 MB 36

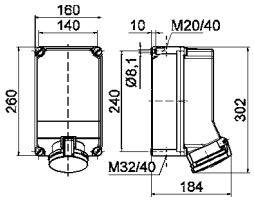
2P+E Ampere	3P+E Poles	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	4	**11785**			**11786**			5	860
63	5	**11787**						5	900

Surface Mounting Socket Outlet

- With electrical PSC interlocking, Contactor and additionally M20 at top
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Kontex contact
- Box terminals
- Protection degree IP44

Other brands of contactors on request.

16873



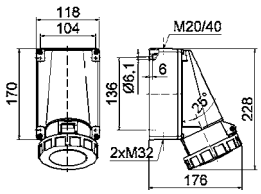
1 MB 38

2P+E Ampere	3P+E Poles	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	4	**16871**			**16872**			1	3140
63	5	**16873**						1	2920

Surface Mounting Socket Outlet

- With electrical PSC interlocking and additionally M20 at top
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Kontex contact
- Box terminals
- Protection degree IP67

11038



1 MB 31

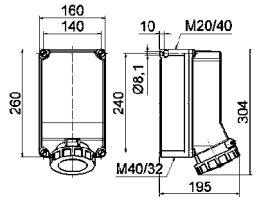
2P+E Ampere	3P+E Poles	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	4	**11052**			**11014**			5	875
63	5	**11038**						5	955

Surface Mounting Socket Outlet

- With electrical PSC interlock,
- Contactor and additionally M20 at top
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Kontex contact
- Box terminals
- Protection degree IP67

Other brands of contactors on request.

16072



1 MB 32

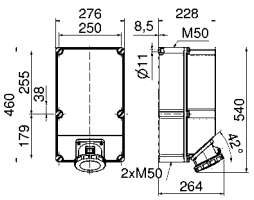
2P+E Ampere	3P+E Poles	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	4	**16070**			**16071**			1	
63	5	**16072**						1	2915

Surface Mounting Socket Outlet

- With electrical PSC interlocking and contactor
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Kontex contact
- Box terminals
- Protection degree IP67

Other brands of contactors on request.

1676



30 MB 104

2P+E Ampere	3P+E Poles	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
125	4	**1674**			**1675**			1	9100
125	5	**1676**						1	9115

Technical Information - IEC 60309, EN 60309, VDE 0623

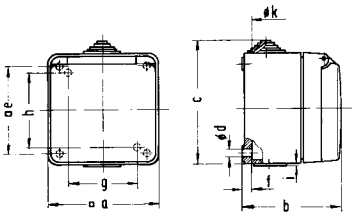
Surface Mounting Socket Outlet

- Straight insertion direction
- Cable entry 1x at top (open), 1x at bottom (closed)
- Protection degree IP44

Matching angled plug: see page 86/3

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	Quantity	g Each
16	3	**11554**			**1183**			**1184**						10	235
16	5				**1185**			**1186**			**11389**			10	270
32	5							**11190-BE**						5	400

1186



4 MB 16

Ampere	16	16	32
Poles	3	5	5
❒ a	91,0	91,0	91,0
b	79,5	79,5	93,0
c	100,0	100,0	112,5
ø d	5,5	5,5	5,5
❒ e	73,0	73,0	-
f	7,0	7,0	6,0
g	-	-	58,0
ø h	-	-	73,0
i	-	-	1,5
ø k	max 20,0	max 20,0	8,0/20,0

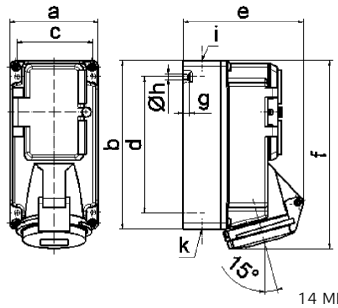
Technical Information

- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- With Din rail
- 5 modules
- Nickel plated contacts
- Protection degree IP44

15059



14 MB 3

Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	118,0	114,0	121,0
f	188,5	188,5	190,0
g	6,0	6,0	6,0
ø h	5,5	5,5	5,5
i	M20	M20	M20
k	M20/25	M20/25	M20/25

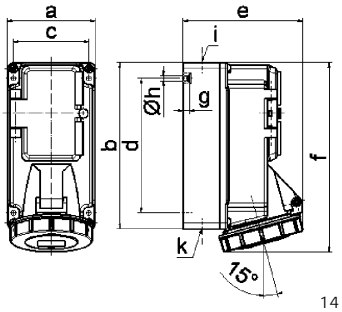
Protection

		2P+E Ampere	3P+E Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
- without fuse protection		16	3	**15239**			**15019**															1	505
		16	4				**15095**			**156**												1	520
		16	5				**15096**			**15059**												1	545
- with 1 or 3-pole fuse base D01		16	3	**15382**			**1500**															1	
		16	4				**1529**			**158**												1	
		16	5				**1530**			**159**												1	
- with 1 or 3-pole C-type MCB		16	3	**15384**			**1504**															1	
		16	4				**1533**			**1505**												1	
		16	5				**1534**			**1506**												1	890
- with RCCB 25/0,03A 2-pole with 16A 3p 40/0,03A 4-pole with 16A 4/5p		16	3	**15386**			**15101**															1	705
		16	4				**15102**			**15103**												1	
		16	5				**15104**			**15105**												1	810

Surface Mounting Socket Outlet

- With Din rail
- 5 modules
- Nickel plated contacts
- Protection degree IP67

15100



14 MB 6

Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	115,0	121,0
f	191,5	191,5	191,5
g	6,0	6,0	6,0
ø h	5,5	5,5	5,5
i	M20	M20	M20
k	M20/25	M20/25	M20/25

Protection

		2P+E Ampere	3P+E Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	100-300Hz <50V 3pol 10h	4pol 10h	5pol 10h	100-300Hz <50V 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
- without fuse protection		16	3	**15240**			**15024**															1	515
		16	4				**15097**			**15098**												1	
		16	5				**15099**			**15100**												1	580
- with 1 or 3-pole fuse base D01		16	3	**15383**			**1501**															1	
		16	4				**1531**			**1502**												1	
		16	5				**1532**			**1503**												1	
- with 1 or 3-pole C-type MCB		16	3	**15385**			**1507**															1	
		16	4				**1535**			**1508**												1	
		16	5				**1536**			**1509**												1	
- with RCCB 25/0,03A 2-pole with 16A 3p 40/0,03A 4-pole with 16A 4/5p		16	3	**15387**			**15106**															1	725
		16	4				**15107**			**15108**												1	
		16	5				**15109**			**15110**												1	835

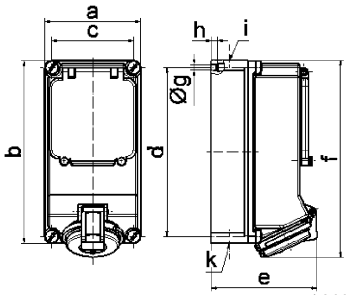
Technical Information

- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- With Din rail
- 5 modules
- Nickel plated contacts
- Protection degree IP44

1585



14 MB 13

Ampere	16	16	32	32	32
Poles	4	5	3	4	5
a	118,0	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0	208,0
e	123,0	130,0	134,0	134,0	141,0
f	242,0	242,0	250,0	250,0	250,0
g	6,5	6,5	6,5	6,5	6,5
ø h	8,0	8,0	8,0	8,0	8,0
i	2xM25	2xM25	2xM25	2xM25	2xM25
k	2xM25	2xM25	2xM25	2xM25	2xM25

Protection

		2P+E Ampere	3P+E Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
- without fuse protection		16	4							**1582**			**15044**									1	
		16	5							**1583**												1	840
		32	3	**15029**			**15030**															1	675
		32	4							**1584**			**15045**									1	
		32	5							**1585**												1	930
- with fuse base D01 for 16A D02 for 32A		16	4							**1586**												1	
		16	5							**1587**												1	1035
		32	3				**1537**															1	
		32	4							**1588**												1	
		32	5							**1589**												1	1220
- with 3-pole C-type MCB		16	4							**1594**												1	1185
		16	5							**1595**												1	
		32	4							**1596**												1	
		32	5							**1597**												1	1310
- with RCCB 40/0,03A 4-pole		16	4							**15125**												1	
		16	5							**15076**												1	1275
		32	4							**15126**												1	1440
		32	5							**15077**												1	1355

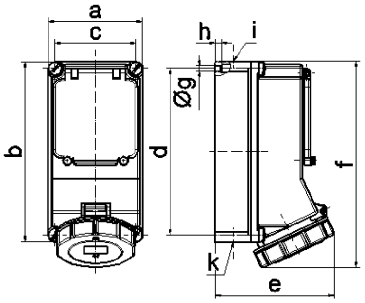
Technical Information

- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- With Din rail
- 5 modules
- Nickel plated contacts
- Protection degree IP67

15112



14 MB 12

Ampere	16	16	32	32	32
Poles	4	5	3	4	5
a	118,0	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0	208,0
e	127,0	134,0	143,0	143,0	149,0
f	245,0	245,0	255,0	255,0	255,0
g	6,5	6,5	6,5	6,5	6,5
ø h	8,0	8,0	8,0	8,0	8,0
i	2xM25	2xM25	2xM25	2xM25	2xM25
k	2xM25	2xM25	2xM25	2xM25	2xM25

Protection

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
- without fuse protection	16	4						**15027**			**15176**									1	950
	16	5						**15028**												1	980
	32	3	**15388**			**15352**														1	1000
	32	4						**15111**			**15177**									1	1020
	32	5						**15112**												1	1160
- with fuse base D01 for 16A D02 for 32A	16	4						**15113**												1	1150
	16	5						**15114**												1	1180
	32	3				**1565**														1	1200
	32	4						**15115**												1	1220
	32	5						**15116**												1	1360
- with 3-pole C-type MCB	16	4						**15121**												1	1250
	16	5						**15122**												1	1280
	32	4						**15123**												1	1320
	32	5						**15124**												1	1460
- with RCCB 40/0,03A 4-pole	16	4						**15127**												1	1410
	16	5						**15078**												1	1440
	32	4						**15128**												1	1480
	32	5						**15079**												1	1520

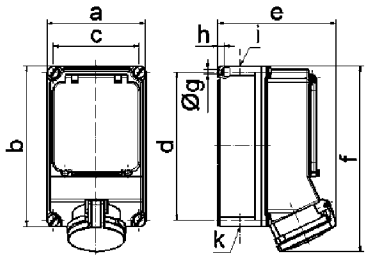
Technical Information

- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- With Din rail
- 7 modules
- 63A with box terminals and Kontex contact
- Nickel plated contacts
- Protection degree IP44
- Products with PILOT please add "P" to the ref. no.

15036



14 MB 14

Ampere Poles	32 4	32 5	63 3	63 4	63 5
a	160,0	160,0	160,0	160,0	160,0
b	260,0	260,0	260,0	260,0	260,0
c	140,0	140,0	140,0	140,0	140,0
d	240,0	240,0	240,0	240,0	240,0
e	160,0	168,0	185,0	185,0	185,0
f	286,0	286,0	303,0	303,0	303,0
ø g	8,1	8,1	8,1	8,1	8,1
h	10,0	10,0	10,0	10,0	10,0
i	M40	M40	M40	M40	M40
k	M32/40	M32/40	M32/40	M32/40	M32/40

Protection		2P+E Ampere	3P+E Poles	3+N+E	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
- without fuse protection		32	4								**15129**			**15172**									1	
		32	5								**15130**												1	
		63	3					**15052**															1	
		63	4								**15035**												1	
		63	5								**15036**												1	2165
- with fuse base D02		32	4								**15131**												1	
		32	5								**15132**												1	
		63	3					**15058**															1	
		63	4								**15081**												1	
		63	5								**15082**												1	2165
- with 3-pole C-type MCB		32	4								**15138**												1	
		32	5								**15139**												1	
		63	4								**15140**												1	
		63	5								**15141**												1	
- with RCCB 40/0,03A 4-pole for 32A 63/0,03A 4-pole for 63A		32	4								**15146**												1	
		32	5								**15147**												1	1915
		63	4								**15148**												1	
		63	5								**15017**												1	2251

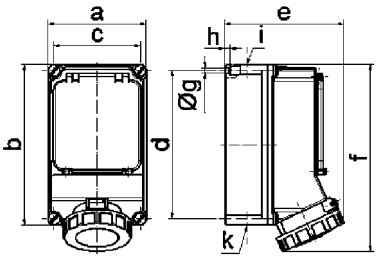
Technical Information

- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- With Din rail
- 7 modules
- 63A with box terminals and Kontex contact
- Nickel plated contacts
- Protection degree IP67
- Products with PILOT please add “P” to the ref. no.

15001



14 MB 11

Ampere	32	32	63	63
Poles	4	5	4	5
a	160,0	160,0	160,0	160,0
b	260,0	260,0	260,0	260,0
c	140,0	140,0	140,0	140,0
d	240,0	240,0	240,0	240,0
e	172,0	174,0	195,0	195,0
f	293,0	294,0	304,0	304,0
ø g	8,1	8,1	8,1	8,1
h	10,0	10,0	10,0	10,0
i	M40	M40	M40	M40
k	M32/40	M32/40	M32/40	M32/40

Protection		Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
- without fuse protection		32	4							**1598**			**15174**									1	
		32	5							**1599**												1	
		63	4							**15000**			**15175**									1	1850
		63	5							**15001**												1	1950
- with fuse base D02		32	4							**15133**												1	
		32	5							**15134**												1	
		63	4							**15083**												1	
		63	5							**15013**												1	
- with 3-pole C-type MCB		32	4							**15142**												1	
		32	5							**15143**												1	
		63	4							**15144**												1	
		63	5							**15145**												1	
- with RCCB 40/0,03A 4-pole for 32A 63/0,03A 4-pole for 63A		32	4							**15149**												1	
		32	5							**15150**												1	1970
		63	4							**15151**												1	
		63	5							**15080**												1	2315

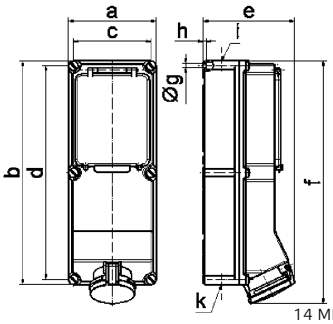
Technical Information

- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- With Din rail
- 8 modules
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP44
- Products with PILOT please add “P” to the ref. no.

15038



14 MB 15

Ampere	63	63
Poles	4	5
a	180,0	180,0
b	460,0	460,0
c	160,0	160,0
d	440,0	440,0
e	182,0	182,0
f	498,0	498,0
ø g	8,3	8,3
h	6,5	6,5
i	M40	M40
k	M32/40	M32/40

Protection

		Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
- without fuse protection		63	4							**15155**			**15156**									1	3800
		63	5							**15038**												1	2830
- with load-break switch NH00		63	4							**15152**			**15153**									1	
		63	5							**15154**												1	3390
- with RCCB 63/0,03A 4-pole for 63A		63	4							**15161**												1	
		63	5							**15162**												1	
- with RCCB 63/0,03A 4-pole for 63A		63	4							**15163**												1	
		63	5							**15164**												1	

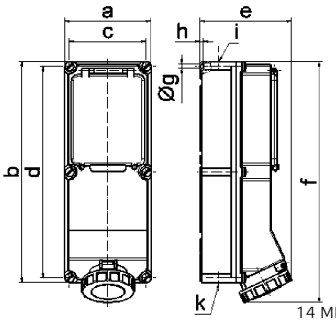
Technical Information

- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- With Din rail
- 8 modules
- Kontex contact
- Box terminals
- Nickel plated contacts
- Protection degree IP67
- Products with PILOT please add "P" to the ref. no.

15047



14 MB 4

Ampere	63	63	63	125	125
Poles	3	4	5	4	5
a	180,0	180,0	180,0	180,0	180,0
b	460,0	460,0	460,0	460,0	460,0
c	160,0	160,0	160,0	160,0	160,0
d	440,0	440,0	440,0	440,0	440,0
e	191,0	191,0	191,0	210,0	210,0
f	500,0	500,0	500,0	512,0	512,0
ø g	8,3	8,3	8,3	8,3	8,3
h	6,5	6,5	6,5	6,5	6,5
i	M40	M40	M40	M40	M40
k	M32/40	M32/40	M32/40	M40/50	M40/50

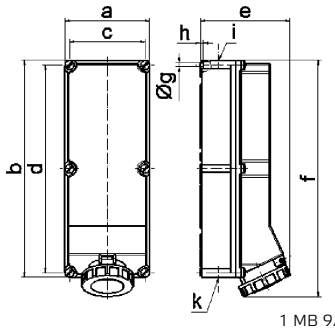
Protection

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
- without fuse protection																					
	63	3	**15072**																	1	
	63	4						**1580**			**15157**									1	2890
	63	5						**15047**													
																				1	
	125	4						**15158**			**15159**									1	
	125	5						**15160**												1	3800
- with RCCB 63/0,03A 4-pole for 63A 125/0,3A 4-pole for 125A	63	4						**15165**												1	
	63	5						**15166**												1	3285
	125	4						**15169**												1	
	125	5						**15170**												1	3960
- with RCCB 63/0,3A 4-pole for 63A 125/0,5A 4-pole for 125A	63	4						**15167**												1	
	63	5						**15168**												1	
	125	4						**15171**												1	
	125	5						**15075**												1	

Surface Mounting Socket Outlet

- Kontex contact
- Box terminals
- Nickel plated contacts
- Protection degree IP67
- Products with PILOT please add "P" to the ref. no.

15009



1 MB 9/10

Ampere	63	63	125	125
Poles	4	5	4	5
a	180,0	180,0	180,0	180,0
b	460,0	460,0	460,0	460,0
c	160,0	160,0	160,0	160,0
d	440,0	440,0	440,0	440,0
e	191,0	191,0	210,0	210,0
f	500,0	500,0	512,0	512,0
ø g	8,3	8,3	8,3	8,3
h	6,5	6,5	6,5	6,5
i	M40	M40	M40	M40
k	M32/40	M32/40	M40/50	M40/50

Protection

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
- with load-break switch NH00	63	4						**15006**			**15042**									1	
	63	5						**15007**												1	3455
	125	4						**15008**			**15043**									1	3715
	125	5						**15009**												1	4030

Technical Information

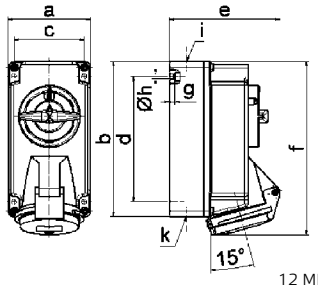
- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- Switched
- Lockable in 0-position
- With mechanical double interlocking
- Nickel plated contacts
- Protection degree IP44
- as switchable version available on request

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**16008**			**1619**															1	575
16	4				**1641**			**1610**			**1616**									1	605
16	5				**1642**			**1611**												1	615

1611



12 MB 3

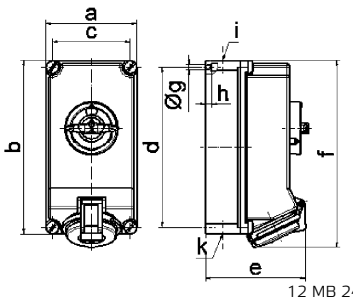
Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	114,0	121,0
f	188,5	188,5	190,0
g	6,0	6,0	6,0
ø h	5,5	5,5	5,5
i	M20	M20	M20
k	M20/25	M20/25	M20/25

Surface Mounting Socket Outlet

- Switched
- Lockable in 0-position
- With mechanical double interlocking
- Nickel plated contacts
- Protection degree IP44
- as switchable version available on request

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	4				**16058**			**16038**			**16064**									1	980
16	5							**16039**												1	1010
32	3	**16123**			**16097**															1	1160
32	4				**16060**			**16042**			**16066**									1	1205
32	5							**16043**												1	1210

16039



12 MB 24

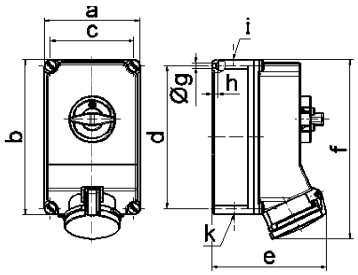
Ampere	16	16	32	32	32
Poles	4	5	3	4	5
a	118,0	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0	208,0
e	126,0	134,0	137,0	137,0	144,0
f	242,0	242,0	251,0	251,0	251,0
ø g	6,5	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0	8,0
i	2xM25	2xM25	2xM25	2xM25	2xM25
k	2xM25	2xM25	2xM25	2xM25	2xM25

Surface Mounting Socket Outlet

- Switched
- Lockable in 0-position
- With mechanical double interlocking
- Nickel plated contacts
- Box terminals
- Protection degree IP44
- Products with PILOT please add “P” to the ref. no.
- as switchable version available on request

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
63	3	**16093**			**16956**															1	2025
63	4				**16933**			**16605**			**16827**									1	2150
63	5							**16603**			**16721**									1	2245

16603



12 MB 30

Ampere	63	63	63
Poles	3	4	5
a	160,0	160,0	160,0
b	260,0	260,0	260,0
c	140,0	140,0	140,0
d	240,0	240,0	240,0
e	184,0	184,0	184,0
f	302,0	302,0	302,0
ø g	8,1	8,1	8,1
h	10,0	10,0	10,0
i	M40	M40	M40
k	M32/40	M32/40	M32/40

Technical Information

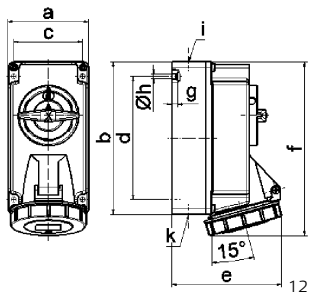
- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- Switched
- Lockable in 0-position
- With mechanical double interlocking
- Nickel plated contacts
- Protection degree IP67
- as switchable version available on request

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**16138**			**160048**			**160056**												1	600
16	4				**160053**			**160049**			**160057**									1	625
16	5				**160055**			**160052**			**160058**									1	640

160052



12 MB6

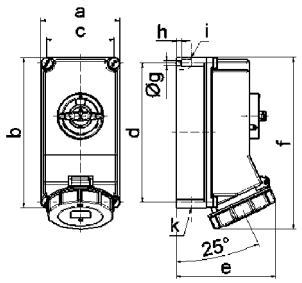
Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	115,0	121,0
f	191,5	191,5	191,5
g	6,0	6,0	6,0
ø h	5,5	5,5	5,5
i	M20	M20	M20
k	M20/25	M20/25	M20/25

Surface Mounting Socket Outlet

- Switched
- Lockable in 0-position
- With mechanical double interlocking
- Nickel plated contacts
- Protection degree IP67
- as switchable version available on request

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	4				**16059**			**16040**			**16065**									1	1020
16	5							**16041**												1	1050
32	3	**16124**			**16104**															1	1275
32	4				**16875**			**160178**			**160179**									1	1255
32	5							**160177**												1	1325

16041



12 MB 11

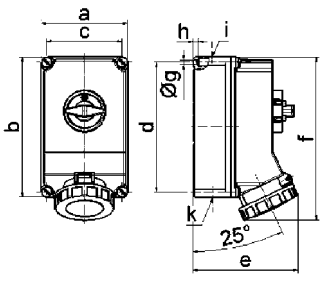
Ampere	16	16	32	32	32
Poles	4	5	3	4	5
a	118,0	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0	208,0
e	127,0	134,0	143,0	143,0	149,0
f	245,0	245,0	255,0	255,0	255,0
ø g	6,5	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0	8,0
i	2xM25	2xM25	2xM25	2xM25	2xM25
k	2xM25	2xM25	2xM25	2xM25	2xM25

Surface Mounting Socket

- Switched
- Lockable in 0-position
- With mechanical double interlocking
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67
- Products with PILOT please add “P” to the ref. no.
- as switchable version available on request

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	3	**16125**			**16606**															1	2135
63	4				**16934**			**16604**			**16828**									1	2200
63	5							**16602**			**160290**									1	2300

16602



12 MB 10

Ampere	63	63	63
Poles	3	4	5
a	160,0	160,0	160,0
b	260,0	260,0	260,0
c	140,0	140,0	140,0
d	240,0	240,0	240,0
e	195,0	195,0	195,0
f	304,0	304,0	304,0
ø g	8,1	8,1	8,1
h	10,0	10,0	10,0
i	M40	M40	M40
k	M32/40	M32/40	M32/40

Technical Information

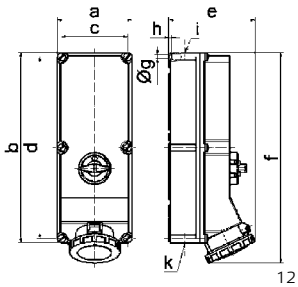
- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- Switched
- Lockable in 0-position
- With mechanical double interlocking
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67
- as switchable version available on request

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
125	3				**16620**															1	3605
125	4				**16930**			**16621**			**16831**									1	3635
125	5							**16622**												1	3950

16622



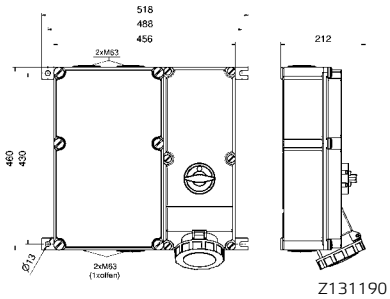
12 MB 5

Ampere	125	125	125
Poles	3	4	5
a	180,0	180,0	180,0
b	460,0	460,0	460,0
c	160,0	160,0	160,0
d	440,0	440,0	440,0
e	208,0	208,0	208,0
f	510,0	510,0	510,0
ø g	8,3	8,3	8,3
h	6,5	6,5	6,5
i	M40	M40	M40
k	M40/50	M40/50	M40/50

Surface Mounting Socket Outlet

- Switched
- Lockable in 0-position
- With mechanical double interlocking
- Kontex contact
- Nickel plated contacts
- Box terminals
- Terminals 5x 50mm²
- Protection degree IP67

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
125	5							**51010578**													



Z131190

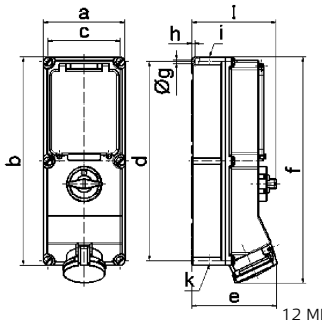
Technical Information

- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- Switched
- Lockable in 0-position
- With Din rail
- 6 modules for 16A and 32A, 8 modules for 63A
- 63A with box terminals and Kontex contact
- Nickel plated contacts
- Protection degree IP44
- Products with PILOT please add "P" to the ref. no.

17060



12 MB 21

Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	135,0	141,0	146,0	152,0	184,0	184,0
f	382,0	382,0	391,0	391,0	500,0	500,0
ø g	6,5	6,5	6,5	6,5	8,3	8,3
h	8,0	8,0	8,0	8,0	6,5	6,5
i	M25/32	M25/32	M32/40	M32/40	M40	M40
k	M25/32	M25/32	M32/40	M32/40	M32/40	M32/40
l	156,0	156,0	156,0	156,0	189,0	189,0

Protection

		Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
- without fuse protection		16	4				**17275**			**17055**			**17337**									1	
		16	5							**17056**												1	1630
		32	4				**17276**			**17057**			**17338**									1	1700
		32	5							**17058**												1	1750
		63	4				**17277**			**17059**			**17339**									1	
		63	5							**17060**			**17847**									1	
- with fuse base D01 for 16A D02 for 32A and 63A		16	4				**17027**			**1775**												1	1775
		16	5							**1776**												1	1830
		32	4				**17028**			**1777**												1	
		32	5							**1778**												1	2160
		63	4				**176**			**174**												1	
		63	5				**177**			**175**												1	3495
- with fuse base DII for 16A DIII for 32A and 63A		16	4				**17032**			**1783**			**17233**									1	
		16	5							**1784**												1	
		32	4				**17033**			**1785**			**17234**									1	
		32	5							**1786**												1	2230
		63	4				**1734**			**178**			**1736**									1	
		63	5				**1735**			**179**												1	3795
- with 3-pole C-type MCB		16	4				**17280**			**17281**												1	
		16	5							**17282**												1	1960
		32	4				**17283**			**17284**												1	
		32	5							**17285**												1	
		63	4				**17286**			**17287**												1	
		63	5							**17288**												1	
- with C-type MCB and RCCB 40/0,03A for 16A and 32A		16	4				**17298**			**17299**												1	
		16	5							**17300**												1	2350
		32	4				**17301**			**17302**												1	
- with D02 and RCCB 63/0,03A for 63A		32	5							**17303**												1	2675
		63	4				**17304**			**17305**												1	
		63	5							**17306**												1	3955
- with load-break switch NH00		63	4				**17037**			**1793**			**17335**									1	
		63	5							**1794**												1	

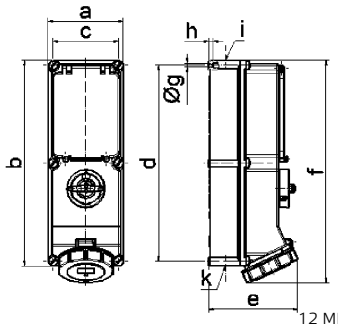
Technical Information

- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- Switched
- Lockable in 0-position
- With Din rail
- 6 modules for 16A and 32A, 8 modules for 63A
- 63A with box terminals and Kontex contact
- Nickel plated contacts
- Protection degree IP67
- Products with PILOT please add "P" to the ref. no.

17066



12 MB 12

Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	136,0	143,0	152,0	158,0	191,0	191,0
f	389,0	389,0	399,0	399,0	500,0	500,0
ø g	6,5	6,5	6,5	6,5	8,3	8,3
h	8,0	8,0	8,0	8,0	6,5	6,5
i	M25/32	M25/32	M32/40	M32/40	M40	M40
k	M25/32	M25/32	M32/40	M32/40	M32/40	M32/40

Protection

		Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
- without fuse protection		16	4				17278			17061		17340									1	
		16	5							17062											1	1675
		32	4				17162			17063		17341									1	
		32	5							17064											1	1800
		63	4				17279			17065		17342									1	
		63	5							17066											1	3280
- with fuse base D01 for 16A D02 for 32A and 63A		16	4				17029			1779											1	
		16	5							1780											1	
		32	4				17030			1781											1	
		32	5							1782											1	
		63	4				17031			1791											1	
		63	5							1792											1	
- with fuse base DII for 16A DIII for 32A and 63A		16	4				17034			1787		17334									1	
		16	5							1788											1	
		32	4				17035			1789		17238									1	
		32	5							1790											1	
		63	4				17036			1771		1773									1	3720
		63	5							1770											1	
- with 3-pole C-type MCB		16	4				17289			17290											1	
		16	5							17291											1	2000
		32	4				17292			17293											1	
		32	5							17294											1	
		63	4				17295			17296											1	
		63	5							17297											1	3715
- with C-type MCB and RCCB 40/0,03A for 16A and 32A		16	4				17307			17308											1	
		16	5							17309											1	
		32	4				17310			17311											1	
- with D02 and RCCB 63/0,03A for 63A		32	5							17312											1	3965
		63	4				17313			17314											1	
		63	5							17315											1	
- with load-break switch NH00		63	4				17038			1795		17336									1	
		63	5							1796											1	

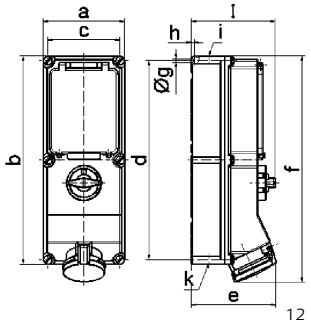
Technical Information

- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- Switched, Interlocked
- Lockable in 0-position
- With Din rail
- 6 modules for 16A and 32A, 8 modules for 63A
- 63A with box terminals and Kontex contact
- Nickel plated contacts
- Protection degree IP44
- Products with PILOT please add "P" to the ref.no.

17524



12 MB 21

Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	135,0	141,0	146,0	152,0	184,0	184,0
f	382,0	382,0	391,0	391,0	500,0	500,0
ø g	6,5	6,5	6,5	6,5	8,3	8,3
h	8,0	8,0	8,0	8,0	6,5	6,5
i	M25/32	M25/32	M32/40	M32/40	M40	M40
k	M25/32	M25/32	M32/40	M32/40	M32/40	M32/40
l	156,0	156,0	156,0	156,0	189,0	189,0

Protection

		2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
- without fuse protection		16	3				**17087**															1	
		16	4				**17165**			**17164**			**17166**									1	1650
		16	5							**17163**												1	
		32	3				**17107**																
		32	4				**17167**			**17168**			**17169**									1	1855
		32	5							**17170**												1	1960
		63	3				**17134**																
		63	4				**17521**			**17522**			**17523**									1	3205
		63	5							**17524**												1	3450
- with fuse base D01 for 16A D02 for 32A and 63A		16	4				**17039**			**1797**												1	
		16	5							**1798**												1	
		32	4				**17040**			**1799**												1	
		32	5							**17000**												1	
		63	4				**17525**			**17526**												1	
		63	5							**17527**												1	3720
- with fuse base DII for 16A DIII for 32A and 63A		16	4				**17044**			**17007**			**17019**									1	2005
		16	5							**17008**												1	
		32	4				**17045**			**17009**			**17020**									1	2390
		32	5							**17010**												1	
		63	4				**17528**			**17529**			**17530**									1	3740
		63	5							**17531**												1	
- with 3-pole C-type MCB		16	4				**17316**			**17186**												1	
		16	5							**17187**												1	
		32	4				**17317**			**17188**												1	
		32	5							**17189**												1	
		63	4				**17532**			**17533**												1	
		63	5							**17534**												1	
- with C-type MCB and RCCB 40/0,03A for 16A and 32A		16	4				**17322**			**17323**												1	
		16	5							**17343**												1	2430
		32	4				**17324**			**17325**												1	
- with D02 and RCCB 63/0,03A for 63A		32	5							**17344**												1	2650
		63	4				**17535**			**17536**												1	
		63	5							**17537**												1	
- with load-break switch NH00		63	4				**17555**			**17556**			**17557**									1	3705
		63	5							**17558**												1	

Surface Mounting Socket Outlets, switched, interlocked, fused

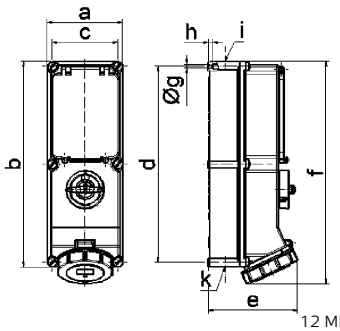
Technical Information

- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- Switched, Interlocked
- Lockable in 0-position
- With Din rail
- 6 modules for 16A and 32A, 8 modules for 63A
- 63A with box terminals and Kontex contact
- Nickel plated contacts
- Protection degree IP67
- Products with PILOT please add "P" to the ref.no.

17541



12 MB 12

Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	136,0	143,0	152,0	158,0	191,0	191,0
f	389,0	389,0	399,0	399,0	500,0	500,0
ø g	6,5	6,5	6,5	6,5	8,3	8,3
h	8,0	8,0	8,0	8,0	6,5	6,5
i	M25/32	M25/32	M32/40	M32/40	M40	M40
k	M25/32	M25/32	M32/40	M32/40	M32/40	M32/40

Protection

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
- without fuse protection																					
16	3				17387																
16	4				17175			17176			17177									1	1685
16	5							17178												1	1735
32	3				17213																
32	4				17179			17180			17181									1	1900
32	5							17182												1	2033
63	3				17216																
63	4				17538			17539			17540									1	3260
63	5							17541												1	3415
- with fuse base D01 for 16A D02 for 32A and 63A																					
16	4				17041			17001												1	
16	5							17002												1	
32	4				17042			17003												1	
32	5							17004												1	
63	4				17542			17543												1	
63	5							17544												1	
- with fuse base DII for 16A DIII for 32A and 63A																					
16	4				17046			17011			17021									1	
16	5							17012												1	
32	4				17047			17013			17022									1	
32	5							17014												1	
63	4				17545			17546			17547									1	3790
63	5							17548												1	
- with 3-pole C-type MCB																					
16	4				17319			17192												1	
16	5							17193												1	
32	4				17320			17194												1	
32	5							17195												1	2305
63	4				17549			17550												1	
63	5							17551												1	
- with C-type MCB and RCCB 40/0,03A for 16A and 32A - with D02 and RCCB 63/0,03A for 63A																					
16	4				17328			17329												1	
16	5							17345												1	2450
32	4				17330			17331												1	
32	5							17346												1	
63	4				17552			17553												1	
63	5							17554												1	4240
- with load-break switch NH00																					
63	4				17559			17560			17561									1	
63	5							17562												1	3880

Sockets

Surface Mounting Socket Outlets, switched, interlocked

Technical Information

- IEC 60309, EN 60309, VDE 0623
- Particularly suitable for harsh operating conditions, especially resistant to aggressive atmospheres

Surface Mounting Socket Outlet

- Switched
- With mechanical double interlocking
- Lockable in 0-position
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

Dimension drawing: see page 53/1 (12 MB 3)

16907

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	5	**16906**			**16907**						1	655

Surface Mounting Socket Outlet

- Switched
- With mechanical double interlocking
- Lockable in 0-position
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

Dimension drawing: see page 53/2 (12 MB 24)

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	5				**160180**						1	1010

Surface Mounting Socket Outlet

- Switched
- With mechanical double interlocking
- Lockable in 0-position
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

Dimension drawing: see page 53/2 (12 MB 24)

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
32	5				**160181**						1	1295

Surface Mounting Socket Outlet

- Switched
- With mechanical double interlocking
- Lockable in 0-position
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP44
- Products with PILOT please add “P” to the ref.no.

Dimension drawing: see page 53/3 (12 MB 30)

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	5				**16901**						1	2245

Technical Information

- IEC 60309, EN 60309, VDE 0623
- Particularly suitable for harsh operating conditions, especially resistant to aggressive atmospheres

Surface Mounting Socket Outlet

- Switched
- With mechanical double interlocking
- Lockable in 0-position
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Dimension drawing: see page 54/1 (12 MB 6)

16916

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	5		**16915**			**16916**						1	690

Surface Mounting Socket Outlet

- Switched
- With mechanical double interlocking
- Lockable in 0-position
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Dimension drawing: see page 54/2 (12 MB 11)

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	5					**160182**						1	1095

Surface Mounting Socket Outlet

- Switched
- With mechanical double interlocking
- Lockable in 0-position
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Dimension drawing: see page 54/2 (12 MB 11)

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
32	5					**160184**						1	1400

Surface Mounting Socket Outlet

- Switched
- With mechanical double interlocking
- Lockable in 0-position
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP67

Dimension drawing: see page 54/3 (12 MB 10)

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	5					**16886**						1	2315

Surface Mounting Socket Outlet

- Switched
- With mechanical double interlocking
- Lockable in 0-position
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP67
- Products with PILOT please add “P” to the ref.no.

Dimension drawing: see page 55/1 (12 MB 5)

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
125	5					**16890**						1	4065

Sockets

Surface Mounting Socket Outlets, switched, interlocked, fused

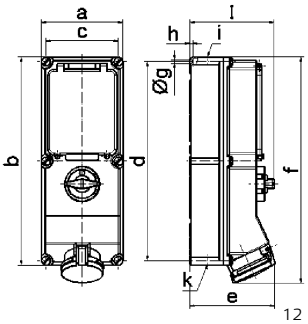
Technical Information

- IEC 60309, EN 60309, VDE 0623
- Particularly suitable for harsh operating conditions, especially resistant to aggressive atmospheres

Surface Mounting Socket Outlet

- Switched, interlocked
- Lockable in 0-position
- With Din rail
- 6 DU for 16A and 32A, 8 DU for 63A
- High-temperature-resistant contact carrier
- Nickel plated contacts
- 63A Box terminals
- Protection degree IP44
- Products with PILOT add "P" to the ref. no.

17566



12 MB 21

Ampere	16	32	63
Poles	5	5	5
a	134,0	134,0	180,0
b	365,0	365,0	460,0
c	117,0	117,0	160,0
d	348,0	348,0	440,0
e	141,0	152,0	184,0
f	382,0	391,0	500,0
ø g	6,5	6,5	8,3
h	8,0	8,0	6,5
i	M25/32	M32/40	M40
k	M25/32	M32/40	M32/40
l	156,0	156,0	189,0

Protection			Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
- without fuse protection			16	5							**17608**												1	
			32	5							**17612**												1	
			63	5							**17566**												1	
- with fuse base D01 for 16A D02 for 32A and 63A			16	5							**17615**												1	
			32	5							**17618**												1	
			63	5							**17569**												1	3880
- with fuse base DII for 16A DIII for 32A and 63A			16	5							**17622**												1	
			32	5							**17626**												1	
			63	5							**17573**												1	
- with 3-pole C-type MCB			16	5							**17629**												1	
			32	5							**17632**												1	
			63	5							**17576**												1	
- with C-type MCB and RCCB 40/0,03A for 16A and 32A			16	5							**17635**												1	
			32	5							**17638**												1	
- with D02 and RCCB 63/0,03A for 63A			63	5							**17579**												1	

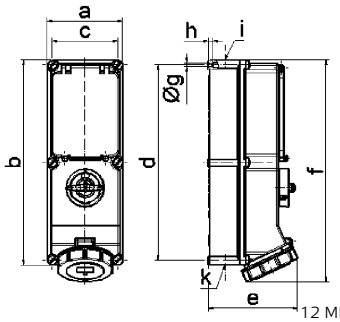
Technical Information

- IEC 60309, EN 60309, VDE 0623
- Particularly suitable for harsh operating conditions, especially resistant to aggressive atmospheres

Surface Mounting Socket Outlet

- Switched, interlocked
- Lockable in 0-position
- With Din rail
- 6 DU f. 16A and 32A, 8 DU f. 63A
- High-temperature-resistant contact carrier
- Nickel plated contacts
- 63A Box terminals
- Protection degree IP67
- Products with PILOT add "P" to the ref. no.

17583



12 MB 12

Ampere	16	32	63
Poles	5	5	5
a	134,0	134,0	180,0
b	365,0	365,0	460,0
c	117,0	117,0	160,0
d	348,0	348,0	440,0
e	143,0	158,0	191,0
f	389,0	399,0	500,0
ø g	6,5	6,5	8,3
h	8,0	8,0	6,5
i	M25/32	M32/40	M40
k	M25/32	M32/40	M32/40

Protection		Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
- without fuse protection		16	5								**17642**										1	
		32	5								**17646**										1	2060
		63	5								**17583**										1	3535
- with fuse base D01 for 16A D02 for 32A and 63A		16	5								**17649**										1	
		32	5								**17652**										1	
		63	5								**17586**										1	
- with fuse base DII for 16A DIII for 32A and 63A		16	5								**17656**										1	
		32	5								**17660**										1	
		63	5								**17590**										1	3985
- with 3-pole C-type MCB		16	5								**17663**										1	
		32	5								**17666**										1	
		63	5								**17593**										1	
- with C-type MCB and RCCB 40/0,03A for 16A and 32A		16	5								**17669**										1	
		32	5								**17672**										1	
- with D02 and RCCB 63/0,03A for 63A		63	5								**17596**										1	
- with load-break switch NH00		63	5								**17604**										1	4025

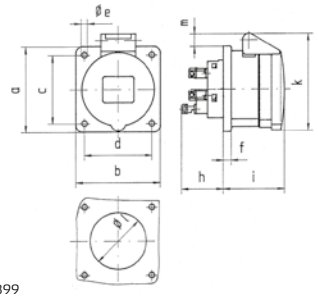
Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Panel Mounting Socket Outlet QUICK-CONNECT
- Screwless terminals
- Kontex contact
- Flange 75 x 75 mm
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	13685			13686			13687			13688			13689			13690			10	105
16	4	13691			13692			13693			13694			13695			13696			10	120
16	5	13697			13698			132001			13699			13700			13701			10	135
32	3	13702			13703			13704			13705			13706			13707			10	165
32	4	13708			13709			13710			13711			13712			13713			10	185
32	5	13714			13715			132002			13716			13717			13718			10	220

132002



4MB99

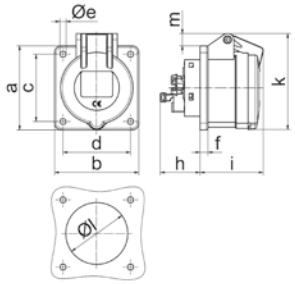
Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
ø e	5,5	5,5	5,5	5,5	5,5	5,5
f	7,0	7,0	7,0	8,0	8,0	8,0
h	35,5	35,5	35,5	50,0	50,0	50,0
i	50,0	50,0	51,0	60,0	60,0	60,0
k	74,0	84,0	91,0	94,0	94,0	102,0
ø l	45,0	45,0	55,0	60,0	60,0	60,0
m	3,5	7,0	11,5	12,0	12,0	17,0
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Panel Mounting Socket Outlet QUICK-CONNECT
- Screwless terminals
- Kontex contact
- Flange 75 x 75 mm
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3				13851															10	105
16	4																				
16	5							13835												10	135
32	3																				
32	4																				
32	5							13850												10	220

132001



4MB103

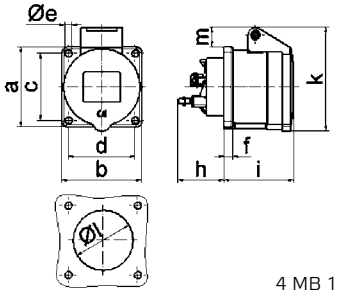
Ampere	16	16	16	32	32	32
Polzahl	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
ø e	5,5	5,5	5,5	5,5	5,5	5,5
f	7,0	7,0	7,0	8,0	8,0	8,0
h	35,5	35,5	35,5	50,0	50,0	50,0
i	52,0	53,0	57,0	65,0	65,0	66,0
ø l	45,0	45,0	55,0	60,0	60,0	60,0
m	3,5	7,0	11,5	12,0	12,0	17,0
x	71,5	80,0	86,0	91,0	91,0	99,0
y	75,0	75,0	75,0	75,0	75,0	75,0
z	88,0	89,0	93,0	115,0	115,0	116,0
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4,0	4,0	4,0	10,0	10,0	10,0

Panel Mounting Socket Outlet QUICK-CONNECT
- Screwless terminals
- Kontex contact
- Flange 56 x 56 mm for 16A 3p, 60 x 60 mm for 16A 4p
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	13656			13646			13657			13658			13659			13660			10	90
16	4	13661			13662			13663			13664			13665			13666			10	110

13663



4 MB 101

Ampere	16	16
Poles	3	4
a	56,0	60,0
b	56,0	60,0
c	44,0	50-52
d	44,0	50-52
ø e	5,5	5,5
f	7,0	7,0
h	35,5	35,5
i	51,0	53,0
k	70,0	80,0
ø l	45,0	45,0
m	13,0	9,0
Cond. mm² min	1,5	1,5
Cond. mm² max	4	4

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

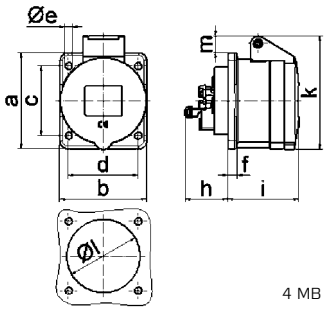
Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- Flange 62 x 62 mm for 16A 3p, 72 x 65 mm for 16A 4p and 5p
- Protection degree IP44

QUICK CONNECT

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**13667**			**13668**			**13669**			**13670**			**13671**			**13672**			10	95
16	4	**13673**			**13674**			**13675**			**13676**			**13677**			**13678**			10	120
16	5	**13679**			**13680**			**13681**			**13682**			**13683**			**13684**			10	130

13681



4 MB 100

Ampere / Poles	16 / 3	16 / 4	16 / 5
a	62,0	72,0	72,0
b	62,0	65,0	65,0
c	47,0	52,0	52,0
d	47,0	52,0	52,0
ø e	5,5	5,5	5,5
f	7,0	7,0	7,0
h	35,5	35,5	35,5
i	51,0	53,0	53,0
k	70,0	80,0	85,0
ø l	45,0	45,0	55,0
m	13,0	9,0	13,0
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

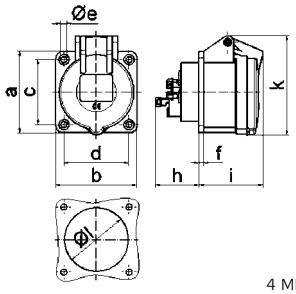
Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- Flange 70 x 70 mm
- Protection degree IP44

QUICK CONNECT

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	5							**13895**												10	120
32	5							**13896**												10	220

13895



4 MB 166

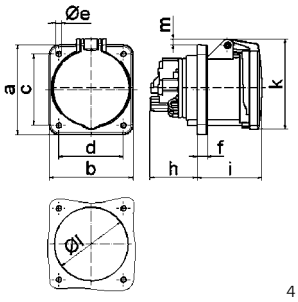
Ampere / Poles	16 / 5	32 / 5
a	70,0	70,0
b	70,0	70,0
c	56,0	56,0
d	56,0	56,0
ø e	5,5	5,5
f	4,0	4,0
h	35,5	46,0
i	57,0	66,0
k	86,0	99,0
ø l	55,0	60,0
Cond. mm² min	1,5	2,5
Cond. mm² max	4	10

Panel Mounting Socket Outlet

- Screw terminals
- Flange 107 x 100 mm
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP44
- Products with PILOT please add “P” to the ref.no.

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
63	3	**1306**			**1307**			**1308**			**13592**			**13254**						5	415
63	4	**1309**			**1304**			**134**			**1301**			**13320**			**13077**			5	445
63	5	**13140**			**1305**			**136**			**13168**			**13321**			**13051**			5	490

136



4 MB 8

Ampere / Poles	63 / 3	63 / 4	63 / 5
a	107,0	107,0	107,0
b	100,0	100,0	100,0
c	85,0	85,0	85,0
d	77,0	77,0	77,0
ø e	6,5	6,5	6,5
f	12,0	12,0	12,0
h	56,5	56,5	56,5
i	77,0	77,0	77,0
k	110,0	110,0	110,0
ø l	88,0	88,0	88,0
m	7,0	7,0	7,0
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

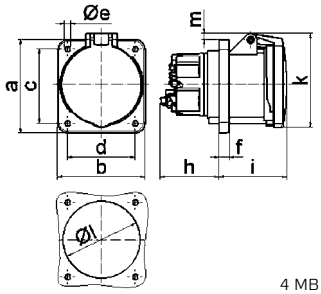
Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Flange 107 x 100 mm
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	4							**130130**			**130153**									5	550
63	5							**130114**												5	600

130114



4 MB 265

Ampere	63	63
Poles	3	4
a	107,0	107,0
b	100,0	100,0
c	85,0	85,0
d	77,0	77,0
ø e	6,5	6,5
f	12,0	12,0
h	67,0	67,0
i	77,0	77,0
k	110,0	110,0
ø l	88,0	88,0
m	7,0	7,0
Cond. mm² min	6	6
Cond. mm² max	25	25

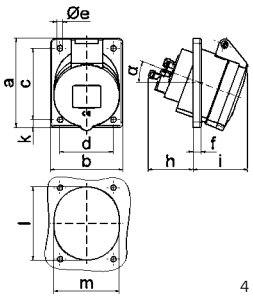
Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- 20º angled
- Kontex contact
- Flange 68 x 62 mm for 16A 3p, 87 x 71 mm for 16A 4p and 5p
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**12731**			**12732**															10	95
16	4	**12733**			**12734**			**12735**			**12736**									10	120
16	5	**12739**			**12740**			**12741**			**12742**									10	140

12741



4 MB 111

Ampere	16	16	16
Poles	3	4	5
a	68,0	87,0	87,0
b	62,0	71,0	71,0
c	47,0	70,0	70,0
d	47,0	52,0	52,0
ø e	5,5	5,5	5,5
f	8,0	5,5	5,5
h	46,0	46,0	46,0
i	50,0	54,0	54,0
k	-	9,5	9,5
l	56,0	65,0	72,0
m	51,0	58,0	64,0
α	20º	20º	20º
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

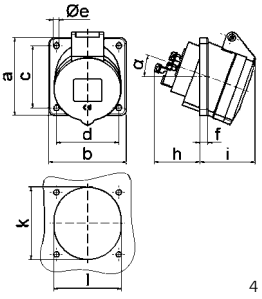
Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- 20º angled
- Kontex contact
- Flange 75 x 75 mm
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	5	**12743**			**12744**			**122001**			**12745**			**12746**			**12747**			10	135

122001



4 MB 110

Ampere	16
Poles	5
a	75,0
b	75,0
c	60,0
d	60,0
ø e	5,5
f	8,0
h	46,0
i	54,0
k	70,0
l	65,0
α	20º
Cond. mm² min	1,5
Cond. mm² max	4

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

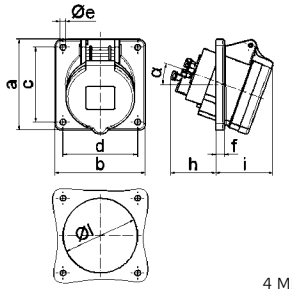
Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- 20° angled
- Kontex contact
- Flange 85 x 85 mm
- Protection degree IP44

QUICK CONNECT

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	12748			12749			12750			12751			12861			12752			10	120
16	4	12862			12863			12753			12864			12754			12865			10	135
16	5	12755			12756			12757			12758			12866			12759			10	145
32	3	12760			12761			12867			12762			12868			12869			10	180
32	4	12870			12763			12764			12765			12871			12872			10	200
32	5	12766			12767			12768			12769			12770			12873			10	235

12757



4 MB 264

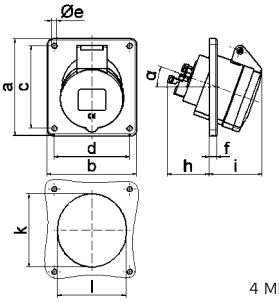
Ampere / Poles	16 3	16 4	16 5	32 3	32 4	32 5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
ø e	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	46,0	46,0	46,0	55,0	55,0	55,0
i	50,0	51,0	54,0	60,0	60,0	60,0
ø l	57,0	65,0	70,0	78,0	78,0	78,0
α	20°	20°	20°	20°	20°	20°
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- 20° angled
- Kontex contact
- Flange 74 x 62 mm for 16A 3p, 100 x 92 mm for the other versions
- Protection degree IP44

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	12771			12772			12773			12774			12775			12776			10	100
16	4	12777			12778			12779			12780			12781			12782			10	140
16	5	12783			12784			12730			12785			12786			12787			10	160
32	3	12788			12789			12790			12874			12791			12792			10	200
32	4	12793			12794			12795			12796			12797			12798			10	210
32	5	12799			12800			12801			12802			12803			12804			10	240

12730



4 MB 112

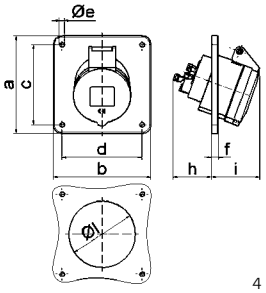
Ampere / Poles	16 3	16 4	16 5	32 3	32 4	32 5
a	74,0	100,0	100,0	100,0	100,0	100,0
b	62,0	92,0	92,0	92,0	92,0	92,0
c	60,0	85,0	85,0	85,0	85,0	85,0
d	52,0	77,0	77,0	77,0	77,0	77,0
ø e	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	46,0	46,0	46,0	55,0	55,0	55,0
i	48,0	50,0	55,0	68,0	68,0	60,0
k	57,0	65,0	70,0	75,0	75,0	78,0
l	52,0	65,0	70,0	75,0	75,0	78,0
α	20°	20°	20°	20°	20°	20°
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- 20° angled
- Kontex contact
- Flange 110 x 110 mm
- Protection degree IP44

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	5							12805												10	185
32	5							12806												10	260

12805



4 MB 269

Ampere / Poles	16 5	32 5
a	110,0	110,0
b	110,0	110,0
c	90,0	90,0
d	90,0	90,0
ø e	5,5	5,5
f	8,0	8,0
h	46,0	55,0
i	56,0	60,0
ø l	75,0	78,0
Cond. mm² min	1,5	2,5
Cond. mm² max	4	10

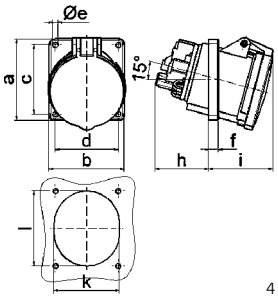
Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Panel Mounting Socket Outlet

- Screw terminals
- 15º angled
- Flange 100 x 92 mm
- Kontex contact
- Box terminals
- Nickel plated contacts
- Protection degree IP44
- Products with PILOT please add "P" to the ref.no.

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	3				**12563**															10	415
63	4							**12074**			**12565**									10	430
63	5			**12566**			**12568**			**12567**										10	475

12567



4 MB 64

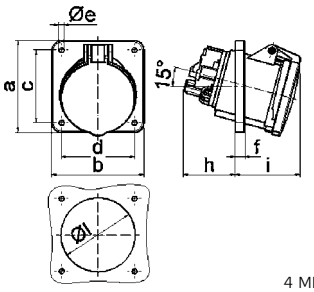
Ampere	63	63	63
Poles	3	4	5
a	100,0	100,0	100,0
b	92,0	92,0	92,0
c	85,0	85,0	85,0
d	77,0	77,0	77,0
ø e	6,5	6,5	6,5
f	12,0	12,0	12,0
h	65,0	65,0	65,0
i	81,0	81,0	81,0
k	80,0	80,0	80,0
l	92,0	92,0	92,0
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Panel Mounting Socket Outlet

- Screw terminals
- 15º angled
- Flange 114 x 114 mm
- Kontex contact
- Box terminals
- Nickel plated contacts
- Protection degree IP44
- Products with PILOT please add "P" to the ref.no.

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	3	**12134**			**12135**			**12136**						**12381**			**12230**			5	420
63	4	**12137**			**1207**			**1201**			**1204**			**12382**			**12153**			5	460
63	5	**12138**			**1208**			**1202**			**12195**			**12383**						5	500

1202



4 MB 10

Ampere	63	63	63
Poles	3	4	5
a	114,0	114,0	114,0
b	114,0	114,0	114,0
c	90,0	90,0	90,0
d	90,0	90,0	90,0
ø e	6,5	6,5	6,5
f	12,0	12,0	12,0
h	65,0	65,0	65,0
i	81,0	81,0	81,0
ø l	92,0	92,0	92,0
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

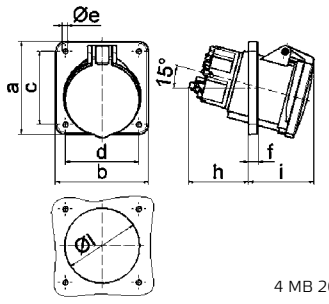
Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- 15º angled
- Flange 114 x 114 mm
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	4							**120321**			**120431**									5	570
63	5							**120306**												5	620

120306



4 MB 266

Ampere	63	63
Poles	4	5
a	114,0	114,0
b	114,0	114,0
c	90,0	90,0
d	90,0	90,0
ø e	6,5	6,5
f	12,0	12,0
h	74,0	74,0
i	81,0	81,0
ø l	92,0	92,0
Cond. mm² min	6	6
Cond. mm² max	25	25

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

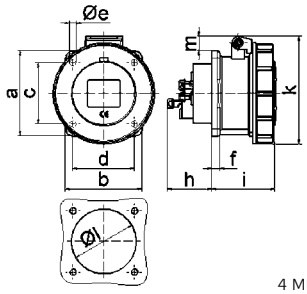
Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- Flange 62 x 62 mm for 16A 3p, 72 x 65 mm for 16A 4p and 5p
- Protection degree IP67

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**13719**			**13720**			**13721**												10	120
16	4	**13724**			**13725**			**13726**			**13727**									10	150
16	5	**13730**			**13731**			**13732**												10	170

13732



4 MB 104

Ampere	16	16	16
Poles	3	4	5
a	62,0	72,0	72,0
b	62,0	65,0	65,0
c	47,0	52,0	52,0
d	47,0	52,0	52,0
ø e	5,5	5,5	5,5
f	7,0	7,0	7,0
h	35,5	35,5	35,5
i	57,0	58,0	57,0
k	76,0	83,0	93,0
ø l	45,0	45,0	55,0
m	10,0	9,0	13,0
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

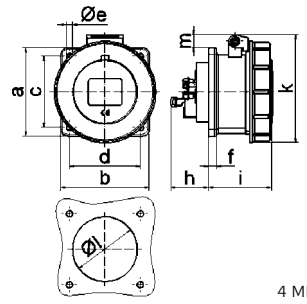
Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- Flange 75 x 75 mm
- Protection degree IP67

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**13733**			**13734**			**13735**						**13736**						10	130
16	4	**13737**			**13738**			**13739**			**13740**			**13741**			**13742**			10	145
16	5	**13743**			**13744**			**13745**			**13746**			**13747**			**13748**			10	160
32	3	**13749**			**13750**			**13751**						**13752**			**13753**			10	210
32	4	**13754**			**13755**			**13756**			**13757**			**13758**			**13759**			10	225
32	5	**13760**			**13761**			**13762**			**13763**			**13764**			**13765**			10	265

13745



4 MB 105

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
ø e	5,5	5,5	5,5	5,5	5,5	5,5
f	7,0	7,0	7,0	8,0	8,0	8,0
h	35,5	35,5	35,5	46,0	46,0	46,0
i	57,0	58,0	57,0	65,0	65,0	65,0
k	76,0	83,0	93,0	100,0	100,0	106,0
ø l	45,0	45,0	55,0	60,0	60,0	60,0
m	3,5	7,0	11,5	12,0	12,0	17,0
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

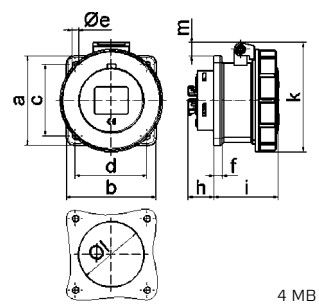
Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless **twin terminal**
- Kontex contact
- Flange 75 x 75 mm
- Protection degree IP67

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	5							**130158**												10	205

130158



4 MB 262

Ampere	16
Poles	5
a	75,0
b	75,0
c	60,0
d	60,0
ø e	5,5
f	7,0
h	23,0
i	57,0
k	93,0
ø l	55,0
m	11,5
Cond. mm² min	1,5
Cond. mm² max	4

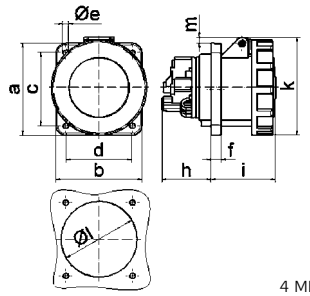
Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Panel Mounting Socket Outlet

- Screw terminals
- Flange 107 x 100 mm
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67
- Products with PILOT please add "P" to the ref.no.

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	3	**1395**			**1396**			**1397**												5	460
63	4	**1398**			**1399**			**13100**			**13101**									5	490
63	5	**13102**			**13103**			**13104**												5	535

13104



4 MB 50

Ampere	63	63	63
Poles	3	4	5
a	107,0	107,0	107,0
b	100,0	100,0	100,0
c	85,0	85,0	85,0
d	77,0	77,0	77,0
ø e	6,5	6,5	6,5
f	12,0	12,0	12,0
h	56,5	56,5	56,5
i	76,0	76,0	76,0
k	113,0	113,0	113,0
ø l	88,0	88,0	88,0
m	7,0	7,0	7,0
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

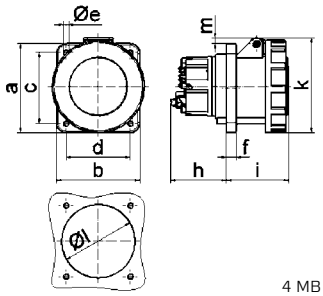
Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Flange 107 x 100 mm
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	4							**130131**			**130154**									5	565
63	5							**130119**												5	665

130119



4 MB 267

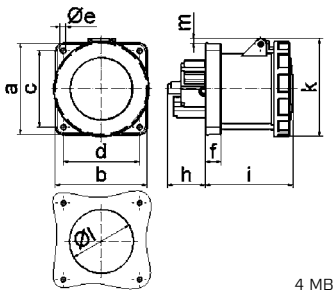
Ampere	63	63
Poles	4	5
a	107,0	107,0
b	100,0	100,0
c	85,0	85,0
d	77,0	77,0
ø e	6,5	6,5
f	12,0	12,0
h	67,0	67,0
i	76,0	76,0
k	113,0	113,0
ø l	88,0	88,0
m	7,0	7,0
Cond. mm² min	6	6
Cond. mm² max	25	25

Panel Mounting Socket Outlet

- Screw terminals
- Flange 120 x 120 mm
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67
- Products with PILOT please add "P" to the ref.no.

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
125	3	**13445**			**13452**															5	930
125	4				**13449**			**13447**			**13448**									5	1005
125	5							**13451**												5	1125

13451



4 MB 55

Ampere	125	125	125
Poles	3	4	5
a	120,0	120,0	120,0
b	120,0	120,0	120,0
c	100,0	100,0	100,0
d	100,0	100,0	100,0
ø e	6,5	6,5	6,5
f	21,0	21,0	21,0
h	50,0	50,0	50,0
i	117,0	117,0	117,0
k	129,0	129,0	129,0
ø l	104,0	104,0	104,0
m	6,0	6,0	6,0
Cond. mm² min	25	25	25
Cond. mm² max	70	70	70

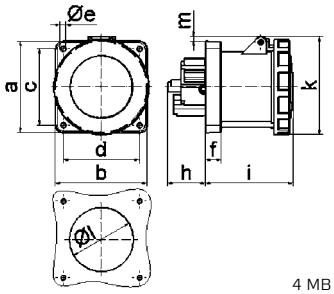
Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Panel Mounting Socket Outlet

- Screw terminals
- Flange 130 x 130 mm
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67
- Products with PILOT please add "P" to the ref.no.

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
125	3				**13434**															5	965
125	4				**13442**			**13435**			**13515**									5	1040
125	5							**13436**												5	1140

13436



4 MB 55

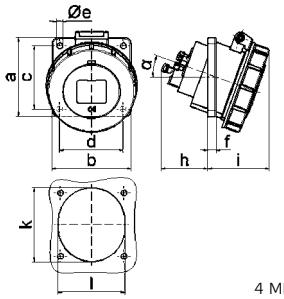
Ampere	125	125	125
Poles	3	4	5
a	130,0	130,0	130,0
b	130,0	130,0	130,0
c	104,0	104,0	104,0
d	104,0	104,0	104,0
ø e	6,5	6,5	6,5
f	21,0	21,0	21,0
h	50,0	50,0	50,0
i	117,0	117,0	117,0
k	129,0	129,0	129,0
ø l	104,0	104,0	104,0
m	1,0	1,0	1,0
Cond. mm² min	25	25	25
Cond. mm² max	70	70	70

Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- 20º angled
- Kontex contact
- Flange 68 x 62 mm for 16A 3p, 75 x 75 mm for 16A 5p
- Protection degree IP67

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**12808**			**12809**															10	125
16	5	**12810**			**12811**			**12812**												10	

12812



4 MB 113

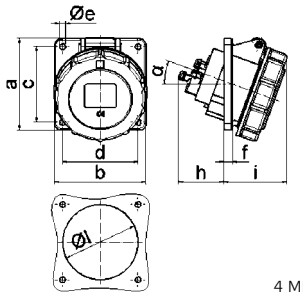
Ampere	16	16
Poles	3	5
a	68,0	75,0
b	62,0	75,0
c	47,0	60,0
d	47,0	60,0
ø e	5,5	5,5
f	8,0	5,5
h	46,0	46,0
i	57,0	60,0
k	56,0	70,0
l	51,0	63,0
α	20º	20º
Cond. mm² min	1,5	1,5
Cond. mm² max	4	4

Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- 20º angled
- Kontex contact
- Flange 85 x 85 mm
- Protection degree IP67

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**12917**			**12813**															10	150
16	4				**12929**			**12814**			**12930**									10	170
16	5	**12815**			**12816**			**12817**												10	200
32	3	**12818**			**12819**															10	230
32	4				**12820**			**12821**			**12931**									10	255
32	5	**12822**			**12823**			**12824**												10	310

12817



4 MB 114

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
ø e	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	46,0	46,0	46,0	55,0	55,0	55,0
i	57,0	57,0	60,0	65,0	65,0	69,0
ø l	57,0	65,0	70,0	78,0	78,0	78,0
α	20º	20º	20º	20º	20º	20º
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

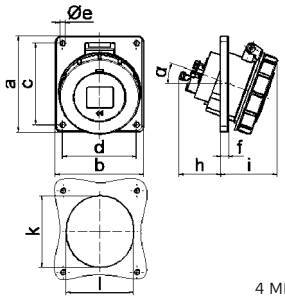
Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- 20º angled
- Kontex contact
- Flange 74 x 62 mm for 16A 3p, 100 x 92 mm for the other versions
- Protection degree IP67

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**12825**			**12826**															10	125
16	4	**12831**			**12832**			**12833**			**12834**			**12835**			**12836**			10	175
16	5	**12837**			**12838**			**12839**			**12840**			**12841**			**12842**			10	195
32	3	**12843**			**12844**															10	215
32	4	**12846**			**12847**			**12848**			**12849**			**12850**			**12851**			10	240
32	5	**12852**			**12853**			**12854**			**12855**			**12856**			**12857**			10	285

12839



4 MB 115

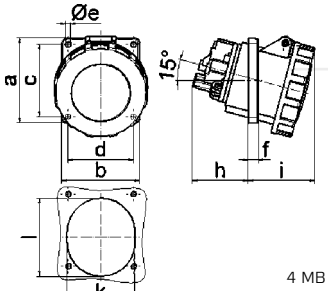
Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	74,0	100,0	100,0	100,0	100,0	100,0
b	62,0	92,0	92,0	92,0	92,0	92,0
c	60,0	85,0	85,0	85,0	85,0	85,0
d	52,0	77,0	77,0	77,0	77,0	77,0
ø e	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	46,0	46,0	46,0	55,0	55,0	55,0
i	57,0	57,0	60,0	65,0	65,0	69,0
k	57,0	65,0	70,0	75,0	75,0	78,0
l	52,0	65,0	70,0	75,0	75,0	78,0
α	20º	20º	20º	20º	20º	20º
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Panel Mounting Socket Outlet

- Screw terminals
- 15º angled
- Flange 100 x 92 mm
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67
- Products with PILOT please add "P" to the ref.no.

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	3				**12569**															10	445
63	4				**12032**			**12570**			**12571**									10	480
63	5	**12572**			**12573**			**12574**												10	525

12574



4 MB 65

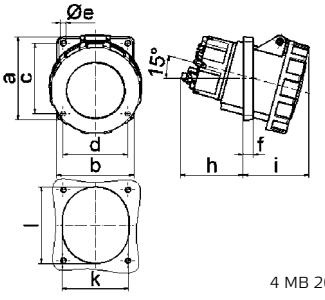
Ampere	63	63	63
Poles	3	4	5
a	100,0	100,0	100,0
b	92,0	92,0	92,0
c	85,0	85,0	85,0
d	77,0	77,0	77,0
ø e	6,5	6,5	6,5
f	12,0	12,0	12,0
h	65,0	65,0	65,0
i	80,0	80,0	80,0
k	80,0	80,0	80,0
l	92,0	92,0	92,0
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Panel Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- 15º angled
- Flange 100 x 92 mm
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	4							**120320**			**120342**									10	630
63	5							**120274**												10	645

120274



4 MB 268

Ampere	63	63
Poles	4	5
a	100,0	100,0
b	92,0	92,0
c	85,0	85,0
d	77,0	77,0
ø e	6,5	6,5
f	12,0	12,0
h	74,0	74,0
i	80,0	80,0
k	80,0	80,0
l	92,0	92,0
Cond. mm² min	6	6
Cond. mm² max	25	25

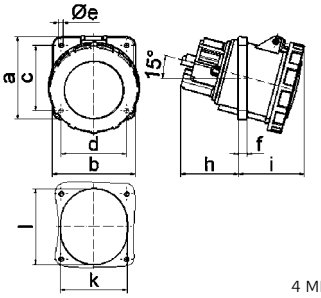
Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Panel Mounting Socket Outlet

- Screw terminals
- 15º angled
- Flange 114 x 114 mm
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67
- Products with PILOT please add “P” to the ref.no.

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
63	3	**12000**			**12001**			**12002**												5	475
63	4	**12003**			**1205**			**1200**			**1203**			**12035**			**12233**			5	510
63	5	**12004**			**1206**			**129**			**12039**			**12389**			**12171**			5	550

129



4 MB 9

Ampere Poles	63 3	63 4	63 5
a	114,0	114,0	114,0
b	114,0	114,0	114,0
c	90,0	90,0	90,0
d	90,0	90,0	90,0
ø e	6,5	6,5	6,5
f	12,0	12,0	12,0
h	65,0	65,0	65,0
i	80,0	80,0	80,0
k	92,0	92,0	92,0
l	92,0	92,0	92,0
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

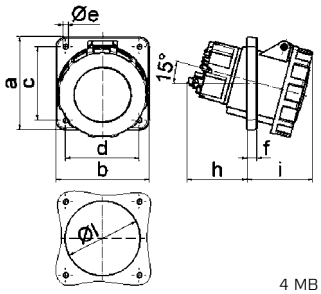
Panel Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- 15º angled
- Flange 114 x 114 mm
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67

QUICK CONNECT

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
63	4							**120322**			**120387**									5	625
63	5							**120307**												5	670

120307



4 MB 270

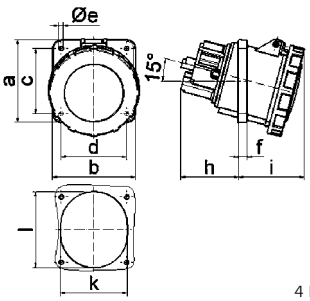
Ampere Poles	63 4	63 5
a	114,0	114,0
b	114,0	114,0
c	90,0	90,0
d	90,0	90,0
ø e	6,5	6,5
f	12,0	12,0
h	74,0	74,0
i	80,0	80,0
ø l	92,0	92,0
Cond. mm² min	6	6
Cond. mm² max	25	25

Panel Mounting Socket Outlet

- Screw terminals
- 15º angled
- Flange 114 x 114 mm
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Kontex contact
- Box terminals
- Protection degree IP67
- Products with PILOT please add “P” to the ref.no.

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
125	3	**1299**			**12100**			**12101**												5	805
125	4	**12102**			**12103**			**12104**			**12105**			**12320**			**12278**			5	885
125	5	**12106**			**12107**			**12108**			**12133**			**12334**			**12055**			5	980

12108



4 MB 9

Ampere Poles	125 3	125 4	125 5
a	114,0	114,0	114,0
b	114,0	114,0	114,0
c	90,0	90,0	90,0
d	90,0	90,0	90,0
ø e	6,5	6,5	6,5
f	12,0	12,0	12,0
h	82,0	82,0	82,0
i	90,0	90,0	90,0
k	92,0	92,0	92,0
l	105,0	105,0	105,0
Cond. mm² min	25	25	25
Cond. mm² max	70	70	70

Technical Information - IEC 60309, EN 60309, VDE 0623, VDE 0620

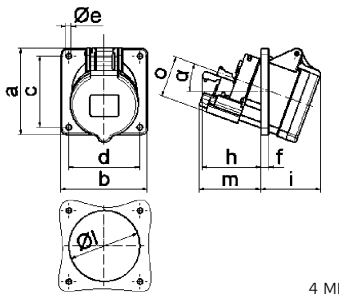
Panel Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Angled
- With NO and NC contact
- Flange 85 x 85 mm
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**120583**			**120584**															10	140
16	4							**120585**			**120586**									10	155
16	5							**120587**												10	195
32	3	**120588**			**120589**															10	265
32	4							**120590**			**120591**									10	225
32	5							**120592**												10	265

120587



4 MB 76

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	46,0	46,0	46,0	61,0	61,0	61,0
i	50,0	51,0	54,0	60,0	60,0	60,0
l	57,0	65,0	70,0	78,0	78,0	78,0
m	57,0	57,0	58,0	62,0	62,0	63,0
o	34,0	37,0	41,0	42,0	42,0	44,0
α	20°	20°	20°	20°	20°	20°

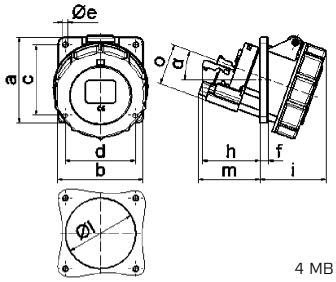
Panel Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Angled
- With NO and NC contact
- Flange 85 x 85 mm
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**12648**			**121317**															10	170
16	4							**12649**			**12653**									10	
16	5							**12650**												10	
32	3	**12651**			**12646**															10	270
32	4							**12555**			**12652**									10	
32	5							**12596**												10	355

12650



4 MB 78

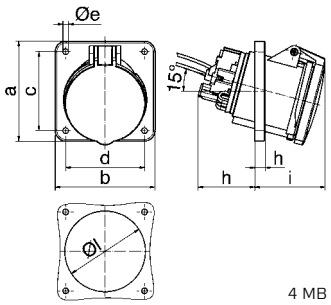
Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	46,0	46,0	46,0	55,0	55,0	55,0
i	57,0	57,0	60,0	65,0	65,0	69,0
l	57,0	65,0	70,0	75,0	75,0	78,0
m	57,0	57,0	58,0	62,0	62,0	63,0
o	34,0	37,0	41,0	42,0	42,0	44,0
α	20°	20°	20°	20°	20°	20°

Panel Mounting Socket Outlet

- Screw terminal
- 15° angled
- Flange 114 x 114 mm
- Drilling hole distance 90 x 90 mm
- With PSC-locking
- Kontex-Plus
- Box terminals
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	4							**12360**			**12511**									5	700
63	5							**12616**												5	750

12616



4 MB 388

Ampere	63	63
Poles	4	5
a	114,0	114,0
b	114,0	114,0
c	90,0	90,0
d	90,0	90,0
ø e	6,5	6,5
f	12,0	12,0
h	65,0	65,0
i	81,0	81,0
ø l	92,0	92,0
Cond. mm² min	6	6
Cond. mm² max	25	25

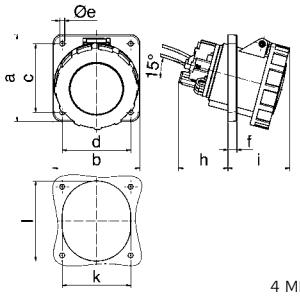
Technical Information - IEC 60309, EN 60309, VDE 0623

Panel Mounting Socket Outlet

- 15º angled
- Flange 114 x 114 mm
- Drilling hole distance 90 x 90 mm
- With PSC-locking
- Kontex-Plus
- Box terminals
- Protection degree IP67

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
63	4							**12052**			**12053**									5	760
63	5							**12020**												5	820
125	4							**12139**			**12054**									5	1230
125	5							**12025**												5	1350

12025



4 MB 192

Ampere	63	63	125	125
Poles	4	5	4	5
a	114,0	114,0	114,0	114,0
b	114,0	114,0	114,0	114,0
c	90,0	90,0	90,0	90,0
d	90,0	90,0	90,0	90,0
ø e	6,5	6,5	6,5	6,5
f	12,0	12,0	12,0	12,0
h	65,0	65,0	82,0	82,0
i	81,0	81,0	90,0	90,0
k	92,0	92,0	92,0	92,0
l	92,0	92,0	105,0	105,0
Cond. mm² min	6	6	25	25
Cond. mm² max	25	25	70	70

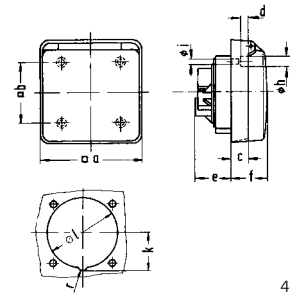
Panel Mounting Socket Outlet

- Straight insertion direction, also suitable for mounting in cable trunking and energy columns
- 16A version for cable trunk socket with mounting dimensions 70 x 70 mm
- 32A version for cable trunk socket with mounting dimensions 60 x 60 mm
- Protection degree IP44

Matching angled plug: see page 86/3

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**13048**			**13105**			**13106**												10	185
16	5				**13107**			**13108**												10	215
32	5							**13146-BE**												10	290

13108



4 MB 14

Ampere	16	16	32
Poles	3	5	5
❒ a	91,0	91,0	91,0
❒ b	70,0	70,0	60,0
c	15,2	15,2	-
ø d	2,7	2,7	-
e	28,0	28,0	31,0
f	36,0	36,0	39,5
ø h	7,5	7,5	-
ø i	4,8	4,8	4,1
k	-	34,0	42,5
l	54,0	64,0	75,0
r	-	10,0	10,0
Cond. mm² min	1,5	1,5	2,5
Cond. mm² max	4	4	10

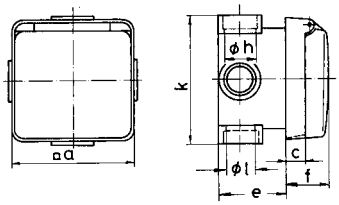
Flush Mounting Socket Outlet

- Flange 90 x 90 mm
- Drilling spacing 53 x 53 mm
- Protection degree IP44

Matching angled plug: see page 86/3

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3				**140**			**141**												10	215
16	5				**147**			**146**												10	245
32	5							**142-BE**												10	400

146



4 MB 15

Ampere	16	16	32
Poles	3	5	5
❒ a	91,0	91,0	91,0
b	15,2	15,2	29,0
e	50,0	50,0	63,0
f	30,0	30,0	47,0
ø h	18,5	18,5	22,5
k	91,0	91,0	109,0
ø l	18,5	18,5	18,5
Cond. mm² min	1,5	1,5	2,5
Cond. mm² max	4	4	10

Technical Information

- IEC 60309, EN 60309, VDE 0623
- Particularly suitable for harsh operating conditions, especially resistant to aggressive atmospheres

Panel Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Kontex contact
- Flange 75 x 75 mm
- Straight
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT

13336

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	3	**13144**									10	110
16	4	**13476**			**13334**			**13771**			10	150
16	5				**13336**			**130111**			10	170
32	3	**13773**									10	215
32	4	**13774**			**13775**			**13776**			10	230
32	5				**13777**						10	250

Panel Mounting Socket Outlet TE

- Screw terminals
- Flange 107 x 100 mm
- Straight
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP44

13343

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	3	**13341**									5	420
63	4				**13342**			**13344**			5	450
63	5				**13343**						5	495

Panel Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Kontex contact
- Flange 74 x 62 mm for 16A 3p, 100 x 92 mm for the other versions
- 20º angled
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT

12884

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	3	**12398**									10	100
16	4	**12876**			**12877**			**12878**			10	150
16	5				**12401**						10	165
32	3	**12880**									10	205
32	4				**12882**			**12883**			10	215
32	5				**12884**						10	255

Panel Mounting Socket Outlet TE

- Screw terminals
- Flange 114 x 114 mm
- 15º angled
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP44
- Products with PILOT please add "P" to the ref.no.

12408

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	3	**12405**									5	420
63	4				**12406**			**12407**			5	470
63	5				**12408**						5	510

Technical Information

- IEC 60309, EN 60309, VDE 0623
- Particularly suitable for harsh operating conditions, especially resistant to aggressive atmospheres

Panel Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Kontex contact
- Flange 75 x 75 mm
- Straight
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

QUICK CONNECT

13816

Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	3	**13156**									10	145
16	4	**13083**			**13157**			**13810**			10	170
16	5				**13159**						10	200
32	3	**13812**									10	220
32	4	**13813**			**13814**			**13815**			10	230
32	5				**13816**						10	270

Panel Mounting Socket Outlet TE

- Screw terminals
- Flange 107 x 100 mm
- Straight
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP67

13385

Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	3	**13382**									5	480
63	4				**13383**			**13384**			5	510
63	5				**13385**						5	550

Panel Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Kontex contact
- Flange 74 x 62 mm for 16A 3p, 100 x 92 mm for the other versions
- 20º angled
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

QUICK CONNECT

12928

Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	3	**12205**									10	145
16	4	**12919**			**12920**			**12921**			10	165
16	5	**120161**			**12922**			**120159**			10	205
32	3	**12924**									10	225
32	4	**12925**			**12926**			**12927**			10	250
32	5	**120162**			**12928**			**120158**			10	300

Panel Mounting Socket Outlet TE

- Screw terminals
- Flange 114 x 114 mm
- 15º angled
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP67
- Products with PILOT please add “P” to the ref.no.

12160

Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	3	**12409**									5	500
63	4				**12410**			**12156**			5	535
63	5				**12160**						5	575

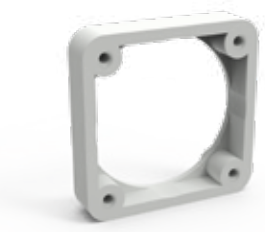
Panel Mounting Socket Outlet TE

- Screw terminals
- Flange 114 x 114 mm
- 15º angled
- High-temperature-resistant contact carrier
- Kontex contact and box terminals
- Nickel plated contacts
- Protection degree IP67
- Products with PILOT please add “P” to the ref.no.

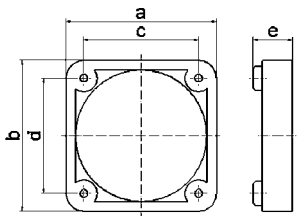
12108

Ampere	Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
125	3	**12100**			**12101**						5	905
125	4	**12103**			**12104**			**12105**			5	965
125	5	**12107**			**12108**			**12133**			5	1070

Mounting Frame
- For attaching panel mounting socket outlets



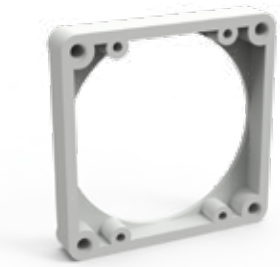
1843



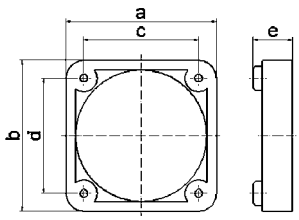
30 MB 182

a	b	c	d	e	Ref-No.
50	50	38	38	13	**1843**
54	54	44	44	10	**1847**
57	66	47	47	10	**1848**
60	60	50	50	10	**1849**
62	62	52	52	10	**1850**
62	70	52	60	10	**1851**

Mounting Frame
- For attaching panel mounting socket outlets



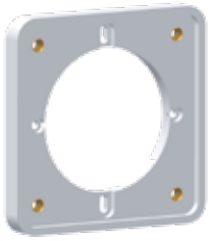
187

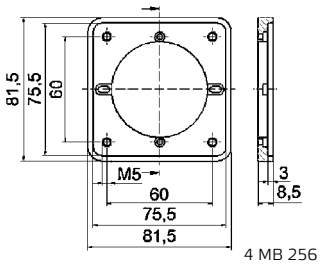


30 MB 182

a	b	c	d	e	Ref-No.
70	70	60	60	12	**187**
71	80	52	70	10	**1852**
80	80	70	70	13	**189**
87	95	77	85	12	**188**
100	110	90	90	10	**1854**

Intermediate Flange
- For attaching panel mounting socket outlets (straight)
- With screw terminal
- For QUICK-CONNECT 16A Panel Mounting Socket Outlets
- With flange 75 x 75 mm
- Drilling space 60 x 60 mm

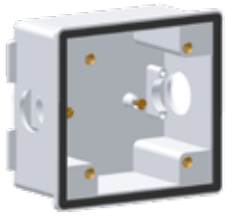


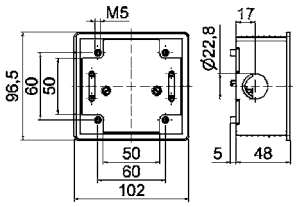


4 MB 256

Ref-No.
182

Flush Mounting Box
- For panel mounting socket outlets
- Drilling space 60 x 60 mm
- Without terminals





4 MB 13

Ref-No.
183-BE

Touch Protection Ring
- for 63A, 5p and 125A 4/5p
- For attaching to contact carrier of panel mounting socket outlets

	Ref-No.
63A	**580634**
125A	**58058**

Flush Box

- For panel mounting socket outlets listed on previous page

	Ref-No.
	180

Flush-Mounting Adapter

- For panel mounting socket outlets listed on previous page

	Ref-No.
	181

Empty Enclosure

- Dimension of enclosure 102 x 102 mm
- For panel mounting socket outlets with flange 75 x 75 mm
- Drilling spacing 60 x 60 mm

	Ref-No.
für socket IP44	18048
für socket IP67	18049

Accessories for TK-Combi Socket Outlet

	Ref-No.
Wiring harness 16A	1863
Wiriing harness 32A	1896
G-fuse base 5x20mm DIN 41671	1862
G-fuse link 6,3A	1864
G-fuse link 10A	1865
G-fuse link 16A	1866
replacement hinged lid domestic socket	33010594

Plugs

Protection Degree IP44

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Protection Degree IP67

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Lockable

Page 87

Angled Plugs

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Inlets

Surface Mounting Appliance Inlets

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Panel Mounting Appliance Inlets

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Appliance Inlets with Flange

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Appliance Inlets with Flange for Harsh Conditions

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Phase Inverters

Plug

Page 102

Surface Mounting Appliance Inlet

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Panel Mounting Appliance Inlets

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Appliance Inlet with Flange

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Phase Sequence Indicators and Adapters

Phase Sequence Indicators

Page 104

Adapters

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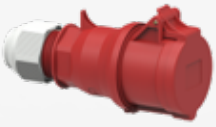
Connectors

Protection Degree IP44

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Protection Degree IP67

Pages 106 - 107

Hanging Connectors

Page 107

Lockable

Page 107

Accessories Plugs and Connectors

Page 108

Technical features

Plugs and Connectors with MULTI-GRIP

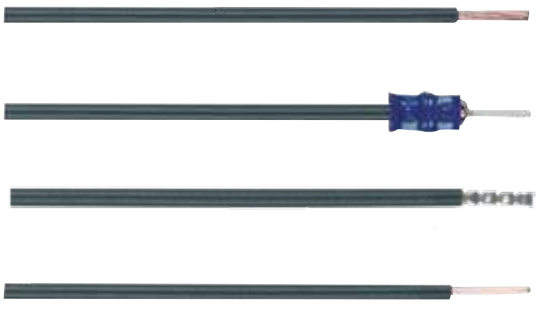
- Cable gland system with integrated strain relief
- Captive rubber seal
- MULTI-GRIP cable glands achieve at least protection class IP67
- Adaptation to all cable cross sections
- Status can be checked at any time from outside

Plugs and Connectors with QUICK-CONNECT 16A and 32A

- Patented, screwless quick connection technology, based on the familiar spring-clamp principle, with fully opened connection cavity
- Time saving up to 75%
- Faster, more reliable and controlled conductor connection
- The terminal accepts all types of copper conductors
- Quick-Connect is maintenance-free, shock resistant, vibrations and temperature fluctuations

Plugs and Connectors with QUICK-CONNECT 63A

- Worldwide unique screwless system for 63A CEE devices
- Same advantages as for the 16A and 32A systems
- Screwless box terminals
- Cable cross sections for flexible conductors: 6mm² - 16mm²
- Cable cross sections for rigid and multi-wire conductors: 6mm² - 25mm²



The following types of copper conductor can be used

- Fine-wire
- Single-wire
- Finely stranded with wire end ferrules
- With gas-tight crimp
- Ultrasonically welded

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

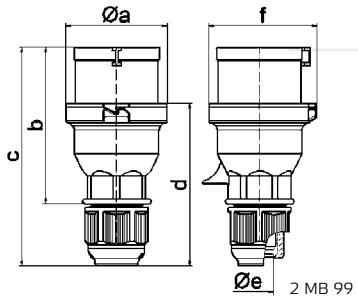
Plug QUICK-CONNECT with MULTI-GRIP

- Screwless terminals
- Screwless enclosure connection, self locking
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI GRIP

2136

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**2125**			**2126**															10	100
16	4				**2129**			**2130**												10	135
16	5				**2135**			**2136**												10	140
32	3	**2137**			**2138**															10	250
32	4				**2141**			**2142**												10	220
32	5				**2147**			**2148**												10	295



2 MB 99

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
ø a	53,0	60,0	66,0	74,5	74,5	74,5
b	93,5	100,5	103,0	121,0	121,0	121,5
c	134,0	141,0	142,0	174,0	174,0	174,5
d	97,5	104,5	105,5	128,0	128,0	128,5
ø e	18,0	18,0	18,0	23,0	23,0	23,0
f	57,5	64,5	70,5	78,0	78,0	80,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

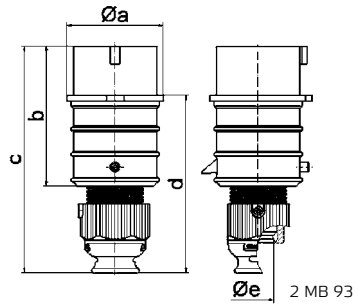
Plug TE-Plus with MULTI-GRIP

- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI GRIP

21689

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**21837**			**21686**			**21843**			**210169**			**210170**			**210171**			10	125
16	4	**21872**			**21839**			**21687**			**21688**			**21847**			**21849**			10	145
16	5	**210176**			**21840**			**21689**			**210178**			**210179**			**21879**			10	180
32	3	**21838**			**21690**			**21844**			**210184**			**210185**			**210186**			10	240
32	4	**21873**			**21841**			**21691**			**21692**			**21848**			**21850**			10	260
32	5	**210193**			**21842**			**21693**			**21623**			**210197**			**21885**			10	310



2 MB 93

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
ø a	51,0	57,5	65,0	66,0	66,0	72,0
b	95,0	95,0	97,0	118,0	118,0	117,0
c	145,0	145,0	152,0	178,0	178,0	181,0
d	109,0	109,0	116,0	133,0	133,0	135,5
ø e	18,0	18,0	21,0	23,0	23,0	27,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

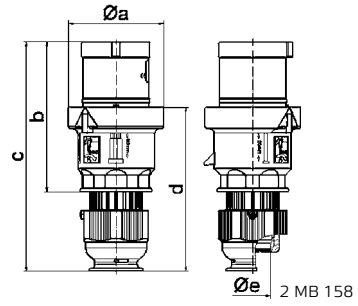
Plug TE with MULTI-GRIP

- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Screwless enclosure connection, self locking
- Protection degree IP44

MULTI GRIP

2155

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
QUICK CONNECT																					
63	4							**210761**			**210763**									5	660
63	5							**210765**												5	720
Screw terminal:																					
63	3	**21024**			**2104**			**21025**			**210030**			**21531**			**21624**			5	535
63	4	**2149**			**2150**			**2151**			**2152**			**21300**			**21526**			5	595
63	5	**2153**			**2154**			**2155**			**21167**			**21663**			**21419**			5	650



2 MB 158

Ampere	63	63	63
Poles	3	4	5
ø a	96,0	96,0	96,0
b	153,0	153,0	153,0
c	233,0	233,0	233,0
d	167,0	167,0	167,0
ø e	36,0	36,0	36,0
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Plug TE-Plus with MULTI-GRIP

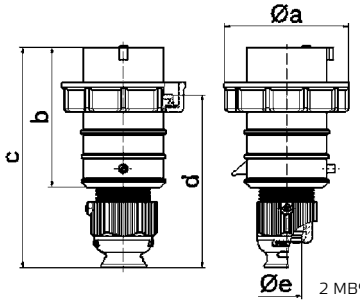
- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP67

Accessories: Closure cap: see page 108/3

QUICK CONNECT
MULTI GRIP

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	21237			21238			21402			21487			21453			21558			10	150
16	4	21403			21250			21349			21350			21404			21405			10	175
16	5	21406			21407			21239			21754			21564			21533			10	215
32	3	21408			21240			21409			21486			21545			210222			10	285
32	4	21410			21251			21351			21352			21411			21412			10	335
32	5	21413			21414			21241			21282			21484			210234			10	385

21239



2 MB94

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
ø a	70,0	78,0	86,0	94,0	94,0	101,0
b	95,0	95,0	97,0	118,0	118,0	117,0
c	145,0	145,0	152,0	178,0	178,0	181,0
d	111,0	111,0	119,0	136,0	136,0	138,5
ø e	18,0	18,0	21,0	23,0	23,0	27,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

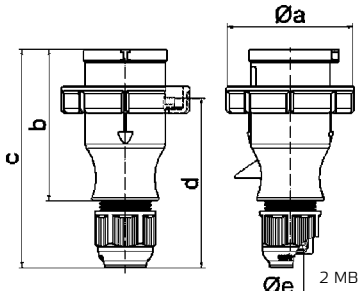
Plug with MULTI-GRIP

- Screw terminals
- Nickel plated contacts
- One-piece enclosure
- Special gland, simultanous cable gland and seal
- Protection degree IP67

MULTI GRIP

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	210575			210576			210577												10	155
16	4	210581			210582			210583												10	170
16	5	210587			210588			210589												10	170
32	3	210593			210594			210595												10	243
32	4	210599			210600			210601												10	255
32	5	210605			210606			210607												10	305

210589



2 MB 130

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
ø a	70,0	78,0	86,0	94,0	94,0	101,0
b	94,5	98,0	101,0	115,0	115,0	119,0
c	138,0	142,0	145,0	170,0	170,0	174,0
d	105,5	109,5	112,5	128,0	128,0	132,0
ø e	18,0	18,0	18,0	23,0	23,0	23,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Plug TE-Plus with MULTI-GRIP

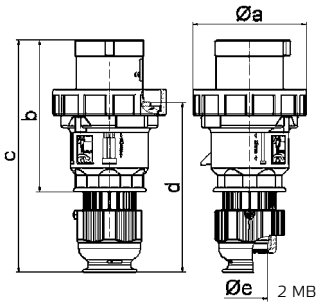
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Screwless enclosure connection, self locking
- Protection degree IP67

Accessories: Closure cap: see page 108/3

MULTI GRIP

2P+E 3P+E 3+N+E Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
QUICK CONNECT																					
63	4							210762			210764									5	720
63	5							210766												5	770
Screw terminal:																					
63	3	2180			2181			2182			21330									5	590
63	4	2183			2184			2185			2186			21154			21375			5	650
63	5	2187			2188			2189			21060			21645			21163			5	705

210766



2 MB 159

Ampere	63	63	63
Poles	3	4	5
ø a	113,5	113,5	113,5
b	153,0	153,0	153,0
c	233,0	233,0	233,0
d	171,0	171,0	171,0
ø e	36,0	36,0	36,0
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Plug TE with MULTI-GRIP

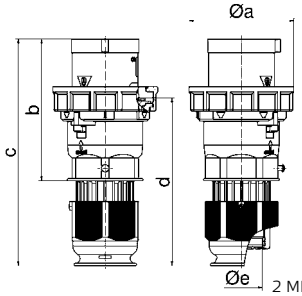
- Screw terminals
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Screwless enclosure connection, self locking
- Protection degree IP67

Accessories: closure cap, see page 108/3

MULTI-GRIP

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
125	3	**2190**			**2191**			**2192**			**210964**									5	1020
125	4	**2193**			**2194**			**2195**			**2196**			**21607**			**21155**			5	1125
125	5	**2197**			**2198**			**2199**			**21555**			**21851**			**21156**			5	1235

2199



2 MB 104

Ampere	125	125	125
Poles	3	4	5
ø a	126,0	126,0	126,0
b	181,0	181,0	181,0
c	282,0	282,0	282,0
d	206,0	206,0	206,0
ø e	50,0	50,0	50,0
Cond. mm² min	16	16	16
Cond. mm² max	50	50	50

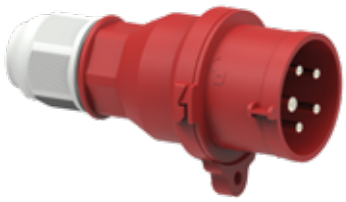
Plug QUICK-CONNECT, lockable

- Screwless terminals
- Lockable with matching connector
- Screwless enclosure connection, self locking
- Special gland, simultanous cable gland and seal
- Protection degree IP44

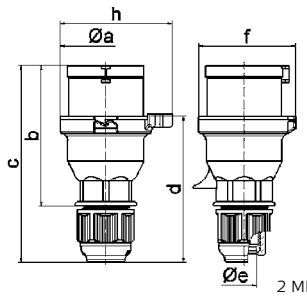
Accessories: Lock set, see page 108/5

QUICK-CONNECT
MULTI-GRIP

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	5							**210950**												10	180
32	5							**210951**												10	305



210951



2 MB 157

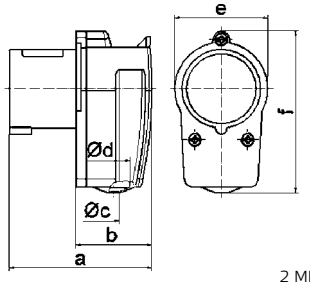
Ampere	16	32
Poles	5	5
a	66,0	74,5
b	103,0	121,5
c	142,0	174,5
d	105,5	128,5
ø e	18,0	23,0
f	70,5	80,0
h	82,0	90,0
Cond. mm² min	1	2,5
Cond. mm² max	2,5	6

Angled Plug

- Screw terminals
- With short cable sleeve
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3				**231**															10	150
16	4							**235**												10	170
16	5							**236**												10	175
32	5							**2300-BE**												10	280

231



2 MB 12

Ampere	16	16	16	32
Poles	3	4	5	5
a	80,0	85,0	96,0	116,0
b	44,0	49,0	59,0	70,0
ø c	6,5	6,5	8,0	10,0
ø d	18,0	18,0	18,0	25,0
e	51,0	57,0	64,0	-
f	90,0	95,0	74,0	101,0
Cond. mm² min	1	1	1	2,5
Cond. mm² max	2,5	2,5	2,5	6

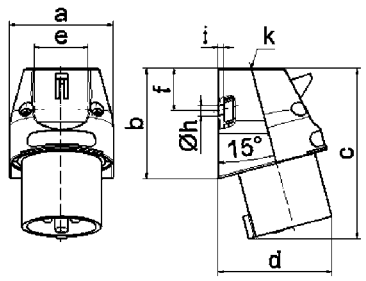
Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Surface Mounting Appliance Inlet
- Screw terminals
- Cable entry 1x at top (open), 1x at bottom (closed)
- Protection degree IP44

Accessories: Closure cap, see page 108/3

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**2448**			**240**															10	115

240



5 MB 43

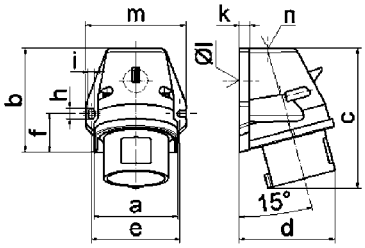
Ampere	16
Poles	3
a	56,5
b	60,0
c	93,0
d	73,0
e	29,5
f	23,5
ø h	5,5
i	3,0
k	M20
Cond. mm² min	1
Cond. mm² max	2,5

Surface Mounting Appliance Inlet QUICK-CONNECT
- Screwless terminals
- Cable entry 1x at top (open), 1x at bottom (closed)
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**24422**			**24423**															10	170
16	4	**24398**			**24393**			**24392**			**24539**									10	180
16	5	**24399**			**24400**			**242001**												10	200
32	3	**24401**			**24402**															10	240
32	4	**24403**			**24404**			**24405**			**24540**									10	260
32	5	**24406**			**24407**			**242002**												10	260

242001



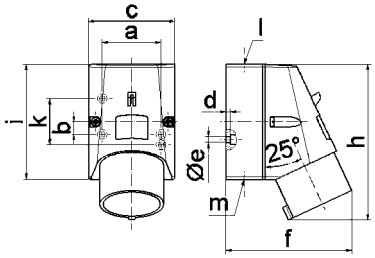
5 MB 44

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	59,5	72,4	72,4	79,1	79,1	79,1
b	90,0	90,0	90,0	92,0	92,0	92,0
c	120,0	120,0	122,0	134,0	134,0	134,0
d	72,0	84,0	84,0	89,0	89,0	89,0
e	62,0	77,0	77,0	84,0	84,0	84,0
f	33,5	33,5	33,5	30,0	30,0	30,0
h	9,0	9,0	9,0	9,0	9,0	9,0
i	5,5	5,5	5,5	5,5	5,5	5,5
k	8,0	9,0	9,0	9,0	9,0	9,0
ø l	21,0	21,0	21,0	21,0	21,0	21,0
m	72,0	87,0	87,0	94,0	94,0	94,0
n	M20	M25	M25	M25	M25	M25
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Surface Mounting Appliance Inlet
- Screw terminals
- Cable entry 1x at top (open), 1x at bottom and 1x at rear (closed)
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3				**245**															10	170
16	4							**249**												10	225
16	5							**2415**												10	255

2415



5 MB 47

Ampere	16	16	16
Poles	3	4	5
a	51,0	59,0	59,0
b	-	11,0	11,0
c	64,0	75,0	75,0
d	4,0	4,0	4,0
ø e	4,1	5,1	5,1
f	93,0	106,0	110,0
h	122,0	135,0	135,0
i	87,0	100,0	100,0
k	40,0	-	-
l	M20	M20	M20
m	for M20	for M20	for M20
Cond. mm² min	1	1	1
Cond. mm² max	2,5	2,5	2,5

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

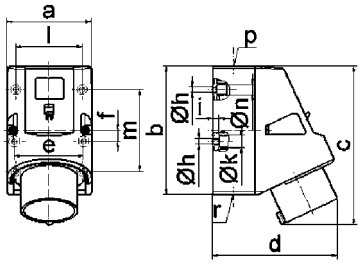
Surface Mounting Appliance Inlet QUICK-CONNECT TE

- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Cable entry 1x at top (open), 2x at bottom (closed)
- Base rotatable by 180°
- 4 mounting holes in enclosure base
- Suitable for through wiring
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	5							**24362**												10	305
32	3	**24408**			**24409**															10	335
32	4				**24410**			**24411**			**24412**									10	350
32	5				**24551**			**24413**												10	385

24413



5 MB 45

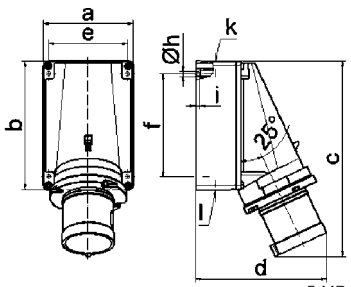
Ampere	16	32	32	32
Poles	5	3	4	5
a	83,0	83,0	83,0	83,0
b	126,0	126,0	126,0	126,0
c	155,5	165,0	165,0	166,0
d	122,0	128,0	128,0	130,0
e	68,0	68,0	68,0	68,0
f	11,0	11,0	11,0	11,0
ø h	5,5	5,5	5,5	5,5
i	6,5	6,5	6,5	6,5
ø k	12,0	12,0	12,0	12,0
l	65,0	65,0	65,0	65,0
m	80,0	80,0	80,0	80,0
ø n	10,0	10,0	10,0	10,0
p	M25	M25	M25	M25
r	2xM25	2xM25	2xM25	2xM25
Cond. mm² min	1	2,5	2,5	2,5
Cond. mm² max	2,5	6	6	6

Surface Mounting Appliance Inlet

- Screw terminals
- Cable entry 1x at top (open) and 2x at bottom (closed)
- Base rotatable by 180°
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
63	3				**24336**															5	775
63	4				**24337**			**24338**			**24339**									5	925
63	5							**24134**												5	975

24134



5 MB 48

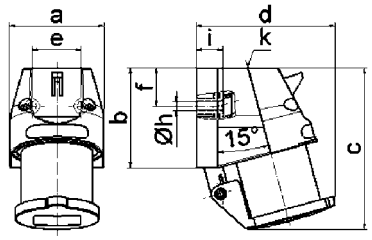
Ampere	63	63	63
Poles	3	4	5
a	118,0	118,0	118,0
b	170,0	170,0	170,0
c	259,0	259,0	259,0
d	174,0	174,0	174,0
e	104,0	104,0	104,0
f	136,0	136,0	136,0
ø h	6,1	6,1	6,1
i	6,0	6,0	6,0
k	M40	M40	M40
l	M32/32	M32/32	M32/32
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Surface Mounting Appliance Inlet
- Screw terminals
- With hinged lid
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz		
		3pol 4pol 5pol	3pol 4pol 5pol	3pol 4pol 5pol	3pol 4pol 5pol	3pol 4pol 5pol	3pol 4pol 5pol		
		4h 4h 4h	6h 9h 9h	9h 6h 6h	7h 7h 7h	10h 10h 10h	2h 2h 2h		
16	3		**242**					10	150

242



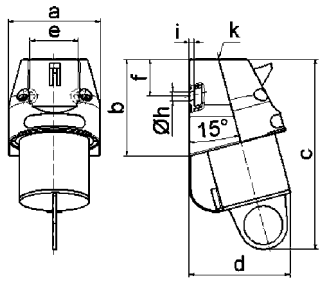
5 MB 17

Ampere	16
Poles	3
a	56,5
b	60,0
c	97,5
d	84,0
e	29,5
f	23,0
ø h	5,5
i	16,0
k	M20
Cond. mm² min	1
Cond. mm² max	2,5

Surface Mounting Appliance Inlet
- Screw terminals
- With closure cap
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz		
		3pol 4pol 5pol	3pol 4pol 5pol	3pol 4pol 5pol	3pol 4pol 5pol	3pol 4pol 5pol	3pol 4pol 5pol		
		4h 4h 4h	6h 9h 9h	9h 6h 6h	7h 7h 7h	10h 10h 10h	2h 2h 2h		
16	3		**2400**					10	140

2400



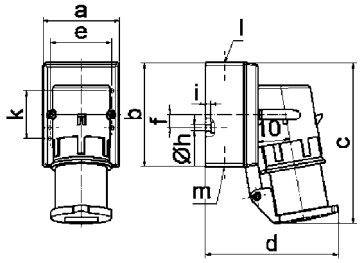
5 MB 60

Ampere	16
Poles	3
a	56,5
b	60,0
c	118,0
d	63,0
e	29,5
f	23,0
ø h	5,5
i	3,0
k	M20
Cond. mm² min	1
Cond. mm² max	2,5

Surface Mounting Appliance Inlet
- Screw terminals
- With hinged lid
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz		
		3pol 4pol 5pol	3pol 4pol 5pol	3pol 4pol 5pol	3pol 4pol 5pol	3pol 4pol 5pol	3pol 4pol 5pol		
		4h 4h 4h	6h 9h 9h	9h 6h 6h	7h 7h 7h	10h 10h 10h	2h 2h 2h		
16	3		**2461**					10	205
16	4			**2465**				10	255

2465



5 MB 10

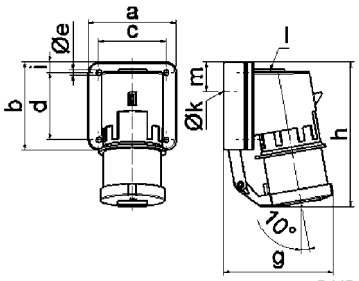
Ampere	16	16
Poles	3	4
a	64,0	75,0
b	87,0	100,0
c	138,0	150,0
d	111,0	120,0
e	51,0	59,0
f	-	11,0
ø h	4,1	5,1
i	4,5	4,5
k	40,0	-
l	M20	M20
m	for M20	for M20
Cond. mm² min	1	1
Cond. mm² max	2,5	2,5

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Surface Mounting Appliance Inlet
- Screw terminals
- With hinged lid
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	5	**2469**			**2470**			**2471**												10	270
32	3	**24335**			**24017**															10	335
32	4							**24018**			**24019**									10	330
32	5							**24012**												10	350

24012



5 MB 12

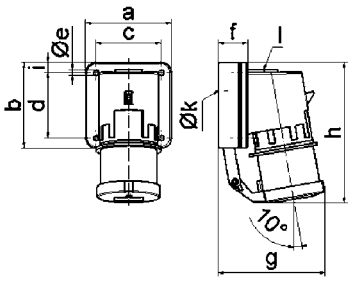
Ampere	16	32	32	32
Poles	5	3	4	5
a	84,0	90,0	90,0	90,0
b	84,0	75,0	75,0	75,0
c	64,0	78,0	78,0	78,0
d	64,0	45,0	45,0	45,0
ø e	5,5	5,5	5,5	5,5
g	105,0	114,0	114,0	115,0
h	138,0	149,0	149,0	150,0
i	10,0	13,0	13,0	13,0
ø k	23,0	29,0	29,0	29,0
l	M20	M25	M25	M25
m	28,0	27,0	27,0	27,0
Cond. mm² min	1	2,5	2,5	2,5
Cond. mm² max	2,5	6	6	6

Surface Mounting Appliance Inlet QUICK-CONNECT TE
- Screwless terminals
- With hinged lid
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	5							**24414**												10	270
32	5							**24415**												10	370

24415



5 MB 96

Ampere	16	32
Poles	5	5
a	84,0	90,0
b	84,0	75,0
c	64,0	78,0
d	64,0	45,0
ø e	5,5	5,5
f	29,0	29,0
g	105,0	115,0
h	138,0	150,0
i	10,0	13,0
ø k	23,0	29,0
l	M20	M25
Cond. mm² min	1	2,5
Cond. mm² max	2,5	6

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

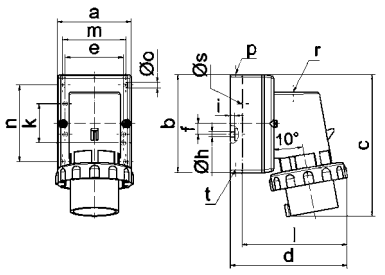
Surface Mounting Appliance Inlet

- Screw terminals
- Nickel plated contacts
- Terminal for 1 mm² to 2.5 mm² conductor for 16A
- Terminal for 2.5 mm² to 6 mm² conductor for 32A
- Protection degree IP67

Accessories: Closure cap: see page 108/3

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**2472**			**2473**			**2474**												10	205
16	4	**2475**			**2476**			**2477**			**2478**			**2479**			**2480**			10	245
16	5	**2481**			**2482**			**2483**			**24114**									10	265
32	3	**24154**			**24020**															10	310
32	4				**24101**			**24021**			**24022**									10	325
32	5							**2402**			**24079**									10	340

2483



5 MB 128

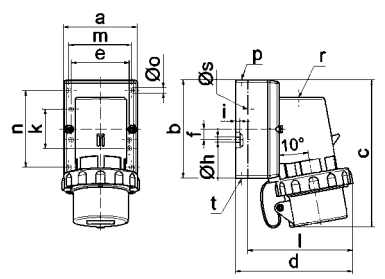
Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	64,0	75,0	84,0	90,0	90,0	90,0
b	87,0	100,0	84,0	75,0	75,0	75,0
c	137,0	151,0	136,0	138,0	138,0	139,0
d	112,0	119,0	-	122,0	122,0	123,0
e	51,0	59,0	-	-	-	-
f	-	11,0	-	-	-	-
ø h	4,1	5,1	-	-	-	-
i	4,5	4,5	-	-	-	-
k	40,0	-	-	-	-	-
l	-	-	111,0	-	-	-
m	-	-	64,0	78,0	78,0	78,0
n	-	-	64,0	45,0	45,0	45,0
ø o	-	-	5,5	5,5	5,5	5,5
p	M20	M20	-	-	-	-
r	-	-	M20	M25	M25	M25
ø s	-	-	23,0	29,0	29,0	29,0
t	for M20	for M20	-	-	-	-

Surface Mounting Appliance Inlet

- Screw terminals
- With closure cap
- Nickel plated contacts
- Terminal for 1 mm² to 2.5 mm² conductor for 16A
- Terminal for 2.5 mm² to 6 mm² conductor for 32A
- Protection degree IP67

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**2484**			**2485**			**2486**												10	245
16	4	**2487**			**2488**			**2489**			**2490**			**2491**			**2492**			10	350
16	5	**2493**			**2494**			**2495**												10	315
32	3	**24216**			**24023**															10	370
32	4							**24024**			**24025**									10	395
32	5							**24013**			**24089**			**24078**						10	410

2495



5 MB 127

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	64,0	75,0	84,0	90,0	90,0	90,0
b	87,0	100,0	84,0	75,0	75,0	75,0
c	137,0	151,0	137,0	147,0	147,0	148,0
d	112,0	119,0	-	122,0	122,0	123,0
e	51,0	59,0	-	-	-	-
f	-	11,0	-	-	-	-
ø h	4,1	5,1	-	-	-	-
i	4,5	4,5	-	-	-	-
k	40,0	-	-	-	-	-
l	-	-	111,0	-	-	-
m	-	-	64,0	78,0	78,0	78,0
n	-	-	64,0	45,0	45,0	45,0
ø o	-	-	5,5	5,5	5,5	5,5
p	M20	M20	-	-	-	-
r	-	-	M20	M25	M25	M25
ø s	-	-	23,0	29,0	29,0	29,0
t	for M20	for M20	-	-	-	-

Surface Mounting Appliance Inlet QUICK-CONNECT TE

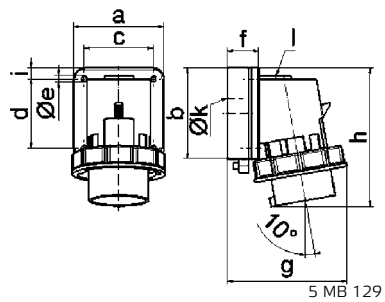
- Screwless terminal
- Nickel plated contacts
- Terminal for 1 mm² to 2.5 mm² conductor for 16A
- Terminal for 2.5 mm² to 6 mm² conductor for 32A
- Protection degree IP67

Accessories: Closure cap: see page 108/3

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	5							**24416**												10	275
32	5							**24418**												10	355

24418



5 MB 129

Ampere	16	32
Poles	5	5
a	84,0	90,0
b	84,0	75,0
c	64,0	78,0
d	64,0	45,0
ø e	5,5	5,5
f	28,0	28,0
g	111,0	123,0
h	136,0	139,0
i	10,0	13,0
ø k	23,0	29,0
l	M20	M25

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

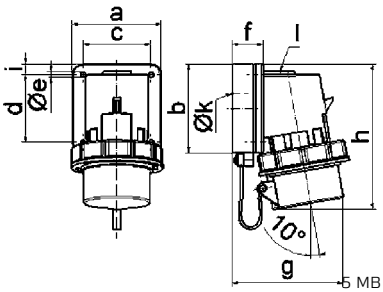
Surface Mounting Appliance Inlet QUICK-CONNECT TE

- Screwless terminal
- With closure cap
- Nickel plated contacts
- Terminal for 1 mm² to 2.5 mm² conductor for 16A
- Terminal for 2.5 mm² to 6 mm² conductor for 32A
- Protection degree IP67

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	5							**24258**												10	340
32	5							**24419**												10	430

24419



5 MB 130

Ampere	16	32
Poles	5	5
a	84,0	90,0
b	84,0	75,0
c	64,0	78,0
d	64,0	45,0
ø e	5,5	5,5
f	28,0	28,0
g	111,0	123,0
h	137,0	148,0
i	10,0	13,0
ø k	23,0	29,0
l	M20	M25

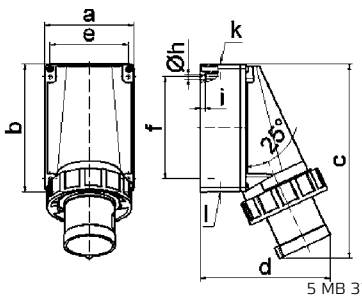
Surface Mounting Appliance Inlet

- Screw terminals
- Box terminals
- Cable entry 1x at top (open), 2x at bottom (closed)
- Base rotatable by 180º
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap, see page 108/3

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
63	3	**24140**			**24340**			**24145**												5	845
63	4	**24232**			**24341**			**24035**			**24342**									5	990
63	5							**24062**						**24320**						5	1040

24062



5 MB 37

Ampere	63	63	63
Poles	3	4	5
a	118,0	118,0	118,0
b	170,0	170,0	170,0
c	259,0	259,0	259,0
d	174,0	174,0	174,0
e	104,0	104,0	104,0
f	136,0	136,0	136,0
ø h	6,1	6,1	6,1
i	6,0	6,0	6,0
k	M40	M40	M40
l	M32/32	M32/32	M32/32
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

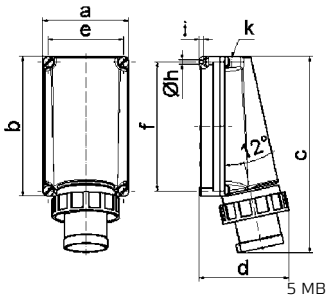
Surface Mounting Appliance Inlet

- Screw terminals
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap, see page 108/3

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
125	3	**24197**			**24198**			**24220**												1	1835
125	4	**24221**			**24199**			**24200**			**24201**									1	2140
125	5	**24222**						**24202**									**24279**			1	2245

24202



5 MB 42

Ampere	125	125	125
Poles	3	4	5
a	160,0	160,0	160,0
b	260,0	260,0	260,0
c	364,0	364,0	364,0
d	165,0	165,0	165,0
e	140,0	140,0	140,0
f	240,0	240,0	240,0
ø h	8,3	8,3	8,3
i	10,0	10,0	10,0
k	M50	M50	M50
Cond. mm² min	16	16	16
Cond. mm² max	50	50	50

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

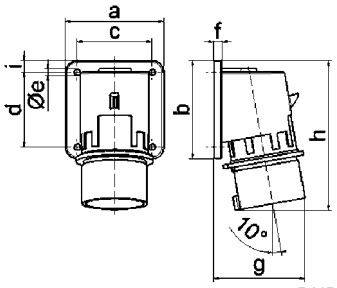
Panel Mounting Appliance Inlet QUICK-CONNECT TE

- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	5							**26050**												10	180
32	5							**26051**												10	265

26050



5 MB 92

Ampere	16	32
Poles	5	5
a	84,0	90,0
b	84,0	75,0
c	64,0	78,0
d	64,0	45,0
ø e	5,5	5,5
f	7,0	7,0
g	78,0	88,0
h	129,0	139,0
i	10,0	13,0
ø k	23,0	29,0
l	M20	M25
Cond. mm² min	1	2,5
Cond. mm² max	2,5	6

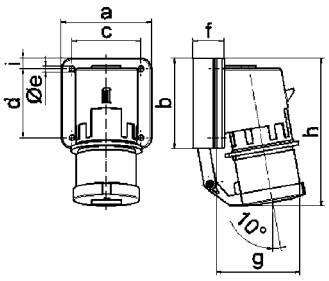
Panel Mounting Appliance Inlet QUICK-CONNECT TE

- Screwless terminals
- With hinged lid
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	5							**26052**												10	275
32	5							**26053**												10	355

26052



5 MB 93

Ampere	16	32
Poles	5	5
a	84,0	90,0
b	84,0	75,0
c	64,0	78,0
d	64,0	45,0
ø e	5,5	5,5
f	29,0	29,0
g	105,0	115,0
h	138,0	150,0
i	10,0	13,0
Cond. mm² min	1	2,5
Cond. mm² max	2,5	6

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Panel Mounting Appliance Inlet QUICK-CONNECT TE

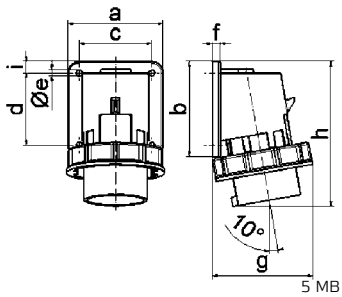
- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Accessories: Closure cap page 108/3

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	5							**26054**												10	210
32	5							**26055**												10	300

26054



5 MB 88

Ampere	16	32
Poles	5	5
a	84,0	90,0
b	84,0	75,0
c	64,0	78,0
d	64,0	45,0
ø e	5,5	5,5
f	7,0	7,0
g	90,0	101,0
h	129,0	139,0
i	10,0	13,0
Cond. mm² min	1	2,5
Cond. mm² max	2,5	6

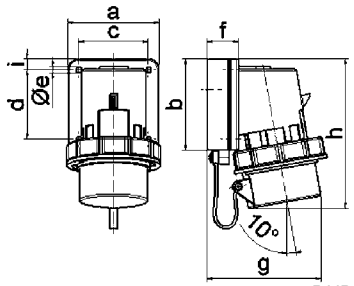
Panel Mounting Appliance Inlet QUICK-CONNECT TE

- Screwless terminals
- With closure cap
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	5							**26056**												10	335
32	5							**26057**												10	425

26056



5 MB 89

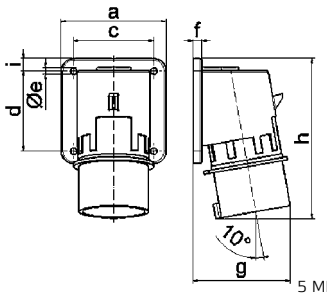
Ampere	16	32
Poles	5	5
a	84,0	90,0
b	84,0	75,0
c	64,0	78,0
d	64,0	45,0
ø e	5,5	5,5
f	28,0	28,0
g	111,0	123,0
h	137,0	148,0
i	10,0	13,0
Cond. mm² min	1	2,5
Cond. mm² max	2,5	6

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Panel Mounting Appliance Inlet
- Screw terminals
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**260**			**261**			**262**												10	140
16	4	**263**			**264**			**265**			**266**			**267**			**268**			10	180
16	5	**2610**			**2611**			**2612**			**2649**						**26036**			10	180
32	3				**2662**															10	200
32	4	**26026**			**2684**			**2663**			**2664**			**2679**			**26028**			10	225
32	5	**26023**			**26030**			**2600**			**26065**						**26029**			10	230

2612



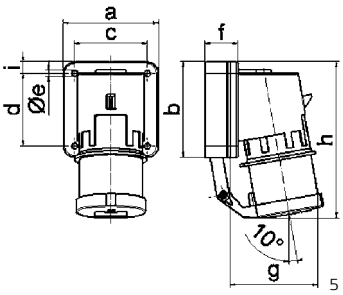
5 MB 24

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	74,0	75,0	84,0	90,0	90,0	90,0
b	84,0	100,0	84,0	75,0	75,0	75,0
c	58,0	62,0	64,0	78,0	78,0	78,0
d	64,0	74,0	64,0	45,0	45,0	45,0
ø e	5,5	4,3	5,5	5,5	5,5	5,5
f	12,0	12,0	7,0	7,0	7,0	7,0
g	70,0	77,0	78,0	86,0	86,0	88,0
h	128,0	145,0	129,0	138,0	138,0	140,0
i	-	-	-	13,0	13,0	13,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Panel Mounting Appliance Inlet
- Screw terminals
- With hinged lid
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**2625**			**2626**			**2627**												10	165
16	4	**2628**			**2629**			**2630**			**2631**			**2632**			**2633**			10	200
16	5	**2634**			**2635**			**2636**			**2671**									10	265
32	3				**2656**															10	300
32	4				**2685**			**2657**			**2658**									10	315
32	5	**26015**						**2655**												10	340

2655



5 MB 2

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	74,0	75,0	84,0	90,0	90,0	90,0
b	84,0	100,0	84,0	75,0	75,0	75,0
c	58,0	62,0	64,0	78,0	78,0	78,0
d	64,0	74,0	64,0	45,0	45,0	45,0
ø e	5,5	4,3	5,5	5,5	5,5	5,5
f	12,0	12,0	29,0	29,0	29,0	29,0
g	78,0	88,0	105,0	114,0	114,0	115,0
h	134,0	151,0	138,0	149,0	149,0	150,0
i	-	-	-	13,0	13,0	13,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

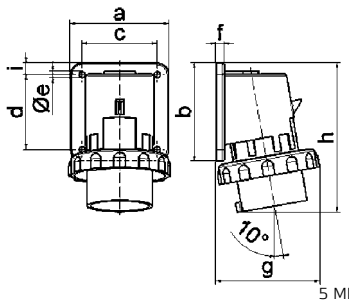
Panel Mounting Appliance Inlet

- Screw terminals
- Nickel plated contacts
- Protection degree IP67

Accessories: Closure cap: see page 108/3

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**2613**			**2614**			**2615**												10	160
16	4	**2616**			**2617**			**2618**			**2619**			**2620**			**2621**			10	180
16	5	**2622**			**2623**			**2624**			**2650**									10	205
32	3	**26033**			**2665**															10	250
32	4				**2694**			**2666**			**2667**									10	265
32	5							**2601**												10	280

2601



5 MB 1

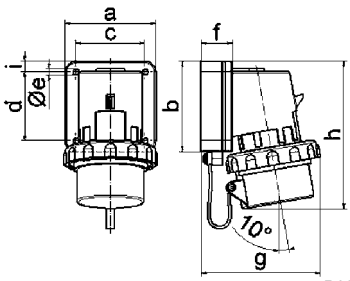
Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	74,0	75,0	84,0	90,0	90,0	90,0
b	84,0	100,0	84,0	75,0	75,0	75,0
c	58,0	62,0	64,0	78,0	78,0	78,0
d	64,0	74,0	64,0	45,0	45,0	45,0
ø e	5,5	4,3	5,5	5,5	5,5	5,5
f	12,0	12,0	7,0	7,0	7,0	7,0
g	80,0	88,0	90,0	100,0	100,0	101,0
h	128,0	145,0	129,0	138,0	138,0	139,0
i	-	-	10,0	13,0	13,0	13,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Panel Mounting Appliance Inlet

- Screw terminals
- With closure cap
- Nickel plated contacts
- Protection degree IP67

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**2637**			**2638**			**2639**												10	200
16	4	**2640**			**2641**			**2642**			**2643**			**2644**			**2645**			10	280
16	5	**2646**			**2647**			**2648**												10	310
32	3				**2659**															10	370
32	4							**2660**			**2661**									10	390
32	5							**2604**												10	405

2604



5 MB 3

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	74,0	75,0	84,0	90,0	90,0	90,0
b	84,0	100,0	84,0	75,0	75,0	75,0
c	58,0	62,0	64,0	78,0	78,0	78,0
d	64,0	74,0	64,0	45,0	45,0	45,0
ø e	5,5	4,3	5,5	5,5	5,5	5,5
f	12,0	12,0	29,0	29,0	29,0	29,0
g	80,0	88,0	111,0	123,0	123,0	123,0
h	133,0	152,0	134,0	147,0	147,0	148,0
i	-	-	10,0	13,0	13,0	13,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

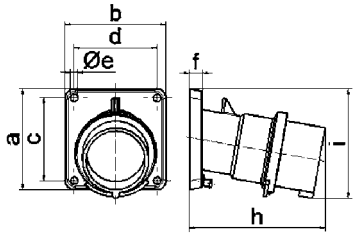
Appliance Inlet with Flange QUICK-CONNECT TE

- Screwless terminals
- 10° angled
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**27209**			**27121**			**27210**												10	140
16	4	**27211**			**27207**			**27122**												10	215
16	5	**27215**			**27216**			**27124**												10	240
32	3	**27218**			**27219**			**27220**												10	275
32	4	**27221**			**27222**			**27223**												10	250
32	5	**27247**			**27248**			**27249**												10	315

27124



5 MB 21

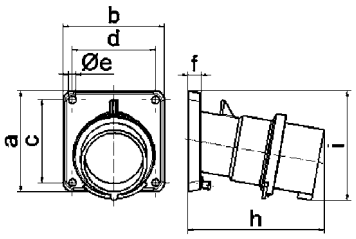
Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
ø e	6,3	6,3	6,3	6,3	6,3	6,3
f	11,0	11,0	11,0	11,0	11,0	11,0
h	104,0	110,0	116,0	121,0	121,0	127,0
i	83,0	90,0	92,0	96,0	96,0	100,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Appliance Inlet with Flange TE

- Screw terminals
- 10° angled
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	3	**2770**			**2771**			**2772**												5	550
63	4	**2773**			**2774**			**2775**												5	570
63	5	**2779**			**2780**			**2781**												5	625

2781



5 MB 21

Ampere	63	63	63
Poles	3	4	5
a	107,0	107,0	107,0
b	100,0	100,0	100,0
c	85,0	85,0	85,0
d	77,0	77,0	77,0
ø e	6,5	6,5	6,5
f	12,0	12,0	12,0
h	155,0	155,0	155,0
i	118,0	118,0	118,0
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Appliance Inlet with Flange QUICK-CONNECT TE

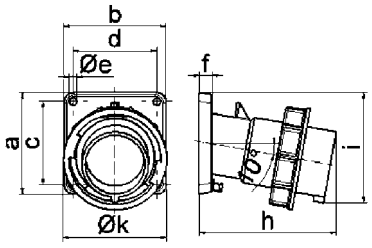
- Screwless terminals
- 10º angled
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap, see page 108/3

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**27227**			**2783**			**27228**												10	175
16	4	**27229**			**2786**			**2787**												10	220
16	5	**27233**			**27234**			**2793**												10	245
32	3	**27235**			**27236**			**27237**												10	275
32	4	**27238**			**27239**			**27240**												10	295
32	5	**27244**			**27245**			**27246**												10	335

2793



5 MB 22

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
ø e	6,3	6,3	6,3	6,3	6,3	6,3
f	11,0	11,0	11,0	11,0	11,0	11,0
h	104,0	110,0	116,0	121,0	121,0	127,0
i	83,0	90,0	92,0	96,0	96,0	100,0
k	70,5	79,5	86,5	95,0	95,0	101,5
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

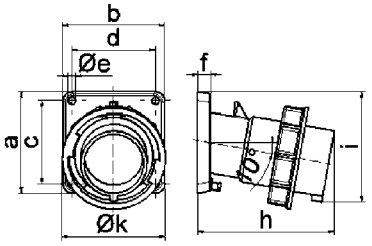
Appliance Inlet with Flange TE

- Screw terminals
- 10º angled
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap, see page 108/3

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	3	**27006**			**27007**			**27008**												5	575
63	4	**27009**			**27010**			**27011**												5	640
63	5	**27015**			**27016**			**27017**												5	695

27017



5 MB 22

Ampere	63	63	63
Poles	3	4	5
a	107,0	107,0	107,0
b	100,0	100,0	100,0
c	85,0	85,0	85,0
d	77,0	77,0	77,0
ø e	6,5	6,5	6,5
f	12,0	12,0	12,0
h	155,0	155,0	155,0
i	118,0	118,0	118,0
k	113,5	113,5	113,5
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

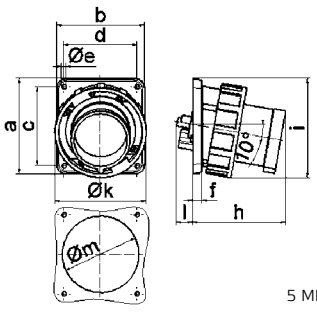
Appliance Inlet with Flange TE

- Screw terminals
- 10º angled
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap, see page 108/3

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
125	3	**2735**			**2736**			**2737**												5	905
125	4	**2738**			**2739**			**2740**												5	1020
125	5	**2742**			**2743**			**2744**												5	1115

2744



5 MB 56

Ampere	125	125	125
Poles	3	4	5
a	130,0	130,0	130,0
b	120,0	120,0	120,0
c	108,0	108,0	108,0
d	100,0	100,0	100,0
ø e	6,5	6,5	6,5
f	13,0	13,0	13,0
h	130,0	130,0	130,0
i	135,0	135,0	135,0
k	126,0	126,0	126,0
l	23,0	23,0	23,0
ø m	105,0	105,0	105,0
Cond. mm² min	16	16	16
Cond. mm² max	50	50	50

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Appliance Inlet with Flange QUICK-CONNECT

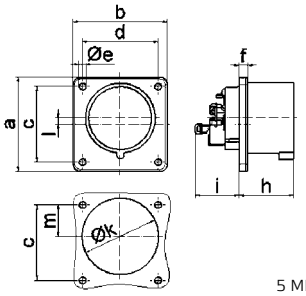
- Screwless terminals
- Flange 75 x 75 mm
- Protection degree IP44

A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

QUICK CONNECT

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	28001			28111												28002			10	90
16	4	28003			28017			28112			28004						28005			10	105
16	5				28006			282001									28008			10	125
32	3	28009			28010															10	145
32	4				28011			28012			28013									10	165
32	5	28014			28015			282002												10	195

282002



5 MB 85

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
ø e	5,5	5,5	5,5	5,5	5,5	5,5
f	7,0	7,0	7,0	7,0	7,0	7,0
h	43,0	43,0	43,0	53,0	53,0	53,0
i	39,0	39,0	39,0	43,0	43,0	43,0
ø k	42,0	48,0	61,0	57,0	57,0	60,0
l	-	-	5,0	2,0	2,0	-
m	30,0	30,0	25,0	28,0	28,0	30,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

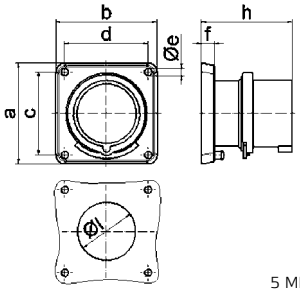
Appliance Inlet with Flange

- Screw terminals
- Protection degree IP44

A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3				2898															10	155
16	4							28100												10	170
16	5							28102												10	185
32	3				28104															10	
32	4							28106												10	
32	5							28108												10	240

28108



5 MB 126

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
ø e	6,3	6,3	6,3	6,3	6,3	6,3
f	11,0	11,0	11,0	11,0	11,0	11,0
h	75,5	75,0	76,5	85,0	85,0	85,0
ø l	49,0	49,0	49,0	49,0	49,0	49,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

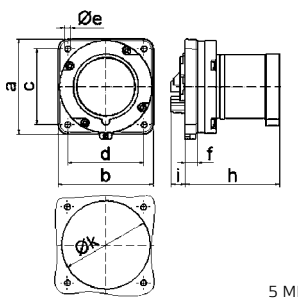
Appliance Inlet with Flange

- Screw terminals
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
63	3	2880			2834									2869						5	465
63	4				2841			2833			2864									5	530
63	5							2837			2858									5	580

2837



5 MB 59

Ampere	63	63	63
Poles	3	4	5
a	110,0	110,0	110,0
b	106,0	106,0	106,0
c	90,0	90,0	90,0
d	90,0	90,0	90,0
ø e	5,5	5,5	5,5
f	13,0	13,0	13,0
h	99,0	99,0	99,0
i	19,0	19,0	19,0
k	93,0	93,0	93,0
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

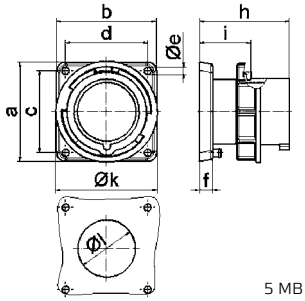
Appliance Inlet with Flange
- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

Accessories: closure cap, see page 108/3

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3				**2899**															10	180
16	4							**28101**												10	200
16	5							**28103**												10	220
32	3				**28105**															10	250
32	4							**28107**												10	270
32	5							**28109**												10	300

28109



5 MB 124

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
ø e	6,3	6,3	6,3	6,3	6,3	6,3
f	11,0	11,0	11,0	11,0	11,0	11,0
h	75,5	75,0	76,5	85,0	85,0	85,0
i	44,0	44,0	44,0	44,0	44,0	44,0
k	70,5	78,5	86,5	94,0	94,0	101,5
ø l	49,0	49,0	49,0	49,0	49,0	49,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

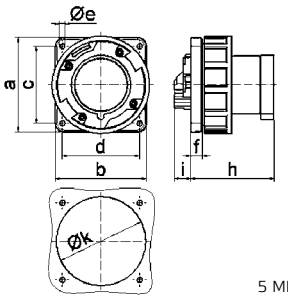
Appliance Inlet with Flange TE
- Screw terminals
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

Accessories: closure cap, see page 108/3

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
63	3	**2881**			**2835**															5	530
63	4				**2842**			**2836**												5	580
63	5							**2838**												5	650

2838



5 MB 50

Ampere	63	63	63
Poles	3	4	5
a	110,0	110,0	110,0
b	106,0	106,0	106,0
c	90,0	90,0	90,0
d	90,0	90,0	90,0
ø e	5,5	5,5	5,5
f	13,0	13,0	13,0
h	99,0	99,0	99,0
i	19,0	19,0	19,0
k	93,0	93,0	93,0
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

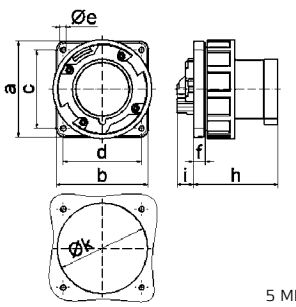
Appliance Inlet with Flange TE
- Screw terminals
- Flange 120 x 120 mm
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

Accessories: closure cap, see page 108/3

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
125	3	**2882**			**2860**															5	885
125	4							**2861**												5	950
125	5							**2876**												5	1110

2876



5 MB 57

Ampere	125	125	125
Poles	3	4	5
a	120,0	120,0	120,0
b	120,0	120,0	120,0
c	100,0	100,0	100,0
d	100,0	100,0	100,0
ø e	6,5	6,5	6,5
f	13,0	13,0	13,0
h	116,0	116,0	116,0
i	20,0	20,0	20,0
k	104,0	104,0	104,0
Cond. mm² min	16	16	16
Cond. mm² max	50	50	50

Technical Information

- IEC 60309-1/2, EN 60309, VDE 0623
- Particularly suitable for harsh operating conditions, especially resistant to aggressive atmospheres

Appliance Inlet with Flange QUICK-CONNECT TE

- Screwless terminals
- 10° angled
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

Dimension drawing: see page 97/1 (5 MB 21)

QUICK CONNECT

27249

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	3		**27121**			**27210**						10	140
16	4		**27207**			**27122**			**27212**			10	215
16	5		**27216**			**27124**			**27217**			10	240
32	3		**27219**			**27220**						10	275
32	4		**27222**			**27223**			**27224**			10	250
32	5		**27248**			**27249**						10	315

Appliance Inlet with Flange TE

- Screw terminals
- 10° angled
- High-temperature-resistant contact carrier
- Box terminals
- Nickel plated contacts
- Protection degree IP44

Dimension drawing: see page 97/2 (5 MB 21)

2781

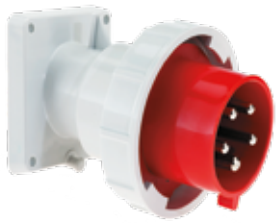
2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	3		**2771**			**2772**						5	515
63	4		**2774**			**2775**			**2776**			5	570
63	5		**2780**			**2781**						5	625

Appliance Inlet with Flange TE

- Screwless terminals
- 10° angled
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap, see page 108/3
Dimension drawing: see page 98/1 (5 MB 22)

QUICK CONNECT



27246

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	3		**2783**			**27228**						10	175
16	4		**2786**			**2787**			**27230**			10	220
16	5		**27234**			**2793**			**27278**			10	245
32	3		**27236**			**27237**						10	275
32	4		**27239**			**27240**			**27241**			10	295
32	5		**27245**			**27246**						10	335

Appliance Inlet with Flange TE

- Screw terminals
- 10° angled
- High-temperature-resistant contact carrier
- Box terminals
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap, see page 102/3
Dimension drawing: see page 98/2 (5 MB 22)

27017

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
63	3		**27007**			**27008**						5	575
63	4		**27010**			**27011**			**27012**			5	640
63	5		**27016**			**27017**						5	695

Appliance Inlet with Flange TE

- Screw terminals
- 10° angled
- High-temperature-resistant contact carrier
- Box terminals
- Nickel plated contacts
- Protection degree IP67

A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

Accessories: closure cap, see page 108/3
Dimension drawing: see page 98/3 (5 MB 56)

2744

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
125	3		**2736**			**2737**						5	905
125	4		**2739**			**2740**			**2741**			5	1020
125	5		**2743**			**2744**			**27024**			5	1115

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Phase Inverter as Plug QUICK-CONNECT with MULTI-GRIP

- Screwless terminals
- Screwless enclosure connection, self locking
- Special gland, simultanous cable gland and seal
- Protection degree IP44

Dimension drawing: see page 84/1 (2 MB 99)

QUICK CONNECT
MULTI GRIP

225

2P+E Ampere	3P+E Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
16	4			22052			22053	10	135
16	5			224			225	10	160
32	4			22054			22055	10	250
32	5						227	10	260

Phase Inverter as Plug TE with MULTI-GRIP

- Screw terminals
- Special gland, simultanous cable gland and seal
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

Dimension drawing: see page 84/2 (2 MB 93)

MULTI GRIP

2271

2P+E Ampere	3P+E Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
16	5			2286			2271	10	195
32	5			2287			2288	10	300

Phase Inverter as Plug TE with MULTI-GRIP

- Screw terminals
- Special gland, simultanous cable gland and seal
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap page 108/3
Dimension drawing: see page 85/1 (2 MB 94)

MULTI GRIP

2251

2P+E Ampere	3P+E Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
16	5			2266			2251	10	230
32	5			2267			2252	10	360

Phase Inverter as Surface Mounting Appliance Inlet

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

Dimension drawing: see page 88/1 (5 MB 45)

24211

2P+E Ampere	3P+E Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
16	5			24208			24209	10	320
32	5			24210			24211	10	380

Phase Inverter as Panel Mounting Appliance Inlet

- Screw terminals
- Nickel plated contacts
- Protection degree IP44

Dimension drawing: see page 93/1 (5 MB 92)

2602

2P+E Ampere	3P+E Poles	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
16	5			26008			2602	10	185
32	5			2652			2603	10	250

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

Phase Inverter as Panel Mounting Appliance Inlet

- Screw terminals
- With hinged lid
- Nickel plated contacts
- Protection degree IP44

Dimension drawing: see page 93/2 (5 MB 93)

26020

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	Quantity	g Each
16	5				**26020**			10	270
32	5				**2674**			10	345

Phase Inverter as Appliance Inlet with Flange

- Screw terminals
- Nickel plated contacts
- Protection degree IP44

A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

Dimension drawing: see page 99/2 (5 MB 126)

28183

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	Quantity	g Each
16	5				**28181**			10	205
32	5				**28183**			10	275

Phase Inverter as Appliance Inlet with Fange

- Screw terminals
- Nickel plated contacts
- High-temperature-resistant contact carrier
- Protection degree IP44

A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

Dimension drawing: see page 99/1 (5 MB 85)

2870

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	Quantity	g Each
16	5				**2870**			10	140
32	5				**2857**			10	195

Phase Inverter as Panel Mounting Appliance Inlet

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap, see page 108/3
Dimension drawing: see page 96/1 (5 MB 1)

2607

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	Quantity	g Each
16	5	**26009**			**2607**			10	205
32	5	**26010**			**2608**			10	285

Phase Inverter as Appliance Inlet with Flange

- Screw terminals
- Nickel plated contacts
- Protection degree IP67

A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

Accessories: closure cap, see page 108/3
Dimension drawing: see page 100/1 (5 MB 124)

28184

2P+E 3P+E 3+N+E Ampere	Poles	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	Quantity	g Each
16	5				**28182**			10	250
32	5				**28184**			10	310

Technical Information

- IEC 60309, EN 60309, VDE 0623
- Only suitable for short time service!

Phase Sequence Indicator

- Nickel plated contacts

Phase sequence indicators for reefer container, see page 210/5

2214

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	5		**2213**			**2214**			**2215**			10	175
32	4		**2216**			**2217**			**2218**			10	245
32	5		**2219**			**2220**			**2221**			10	250
63	4		**2222**			**2223**			**2224**			2	475
63	5		**2225**			**2226**			**2227**			2	525

Phase Sequence Indicator "TRIPOL" 400/ 230V

- Nickel plated contacts
- With integrated Domestic socket (type F - German standard)
- Integrated electronics for:
  a) rotary field indicator
  b) connection of testing devices
  c) phase sequence indicator

2235

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	Quantity	g Each
16	5					**2234**						10	240
32	5					**2235**						5	310
63	5					**2236**						2	610

Phase Sequence Indicator

- Nickel plated contacts
- Without keyway
- For all operating voltages between 230V and 600V

2231

2P+E Ampere	3P+E Poles	3+N+E	3pol 9h	4pol 6h	5pol 6h	Quantity	g Each
16	5		**2229**			10	175
32	4		**2230**			10	245
32	5		**2231**			10	250
63	4		**2232**			2	475
63	5		**2233**			1	525

Adapter Plug

Further adapter systems on request.

8615

	Ref. no.
CEE plug 16A/ 230V/ 3p to Domestic socket 16A/ 230V~ type F - German standard	**8615**
CEE plug 16A/ 230V/ 3p to domestic socket 16A/ 230V ~, type E Belgian/French standard	**8614**
CEE plug 16A/ 230V/ 3p to domestic socket 16A/ 230V ~, type J Swiss standard	**8618**

Adapter Plug

Further adapter systems on request.

860

	Ref. no.
CEE plug 16A/ 400V/ 5p to Domestic socket 16A/ 230V~ type F - German standard	**860**

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

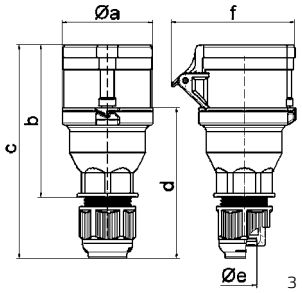
Connector QUICK-CONNECT with MULTI-GRIP

- Screwless terminals
- Screwless enclosure connection, self locking
- Kontex contact
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI GRIP

3148

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	3125			3126															10	120
16	4				3129			3130												10	160
16	5				3135			3136												10	165
32	3	3137			3138															10	240
32	4				3141			3142												10	260
32	5				3147			3148												10	300



3 MB 65

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
ø a	53,0	60,0	66,0	74,5	74,5	74,5
b	100,5	112,5	113,5	133,5	133,5	134,5
c	141,0	153,0	154,0	186,0	186,0	187,0
d	97,5	104,5	105,5	127,5	127,5	128,5
ø e	18,0	18,0	18,0	23,0	23,0	23,0
f	76,0	79,0	86,0	92,0	92,0	97,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

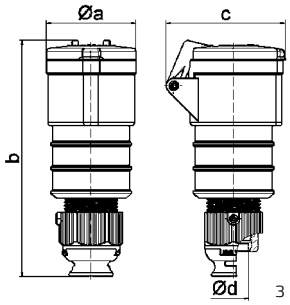
Connector TE-Plus with MULTI-GRIP

- Screwless terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI GRIP

31981

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	31659			31533			31665			31955			31956			31957			10	145
16	4	31681			31661			31534			31959			31669			31671			10	170
16	5	31962			31662			31536			31964			31965			31966			10	200
32	3	31967			31968			31666			31970			31971			31972			10	265
32	4	31973			31974			31975			31976			31670			31672			10	285
32	5	31979			31664			31981			31884			31983			31984			10	340



3 MB 62

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
ø a	51,0	58,0	65,0	66,5	66,5	72,0
b	156,0	162,0	168,0	195,0	195,0	198,0
c	72,0	78,0	86,0	89,0	89,0	99,0
ø d	18,0	18,0	21,0	23,0	23,0	27,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

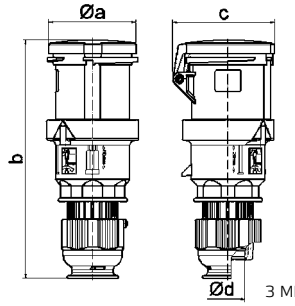
Connector TE with MULTI-GRIP

- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

MULTI GRIP

3112

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
QUICK CONNECT																					
63	4							310490			310492									5	740
63	5							310494												5	785
Screw terminal:																					
63	3	3108			3104			3109			31723			31606			31858			5	590
63	4	3149			3150			3151			3152			31085			31642			5	630
63	5	3153			3154			3112			31086			31500			31257			5	670



3 MB 107

Ampere	63	63	63
Poles	3	4	5
ø a	95,0	95,0	95,0
b	251,0	251,0	251,0
c	109,0	109,0	109,0
ø d	36,0	36,0	36,0
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

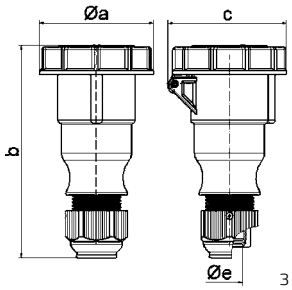
Connector with MULTI-GRIP

- Screw terminals
- Nickel plated contacts
- One-piece enclosure
- Kontex contact
- Special gland, simultanous cable gland and seal
- Protection degree IP67

MULTI-GRIP

Ampere	Polzahl	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**310331**			**310333**			**310334**												10	175
16	4	**310338**			**310339**			**310340**												10	200
16	5	**310344**			**310345**			**310346**												10	220
32	3	**310350**			**310351**			**310352**												10	305
32	4	**310356**			**310357**			**310358**												10	315
32	5	**310362**			**310363**			**310364**												10	380

310346



3 MB 81

Ampere	16	16	16	32	32	32
Polzahl	3	4	5	3	4	5
ø a	70,5	78,0	86,5	94,0	94,0	101,5
b	154,0	155,0	160,0	190,0	190,0	190,0
c	77,0	83,0	93,0	99,0	99,0	107,0
ø e	18,0	18,0	18,0	23,0	23,0	23,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

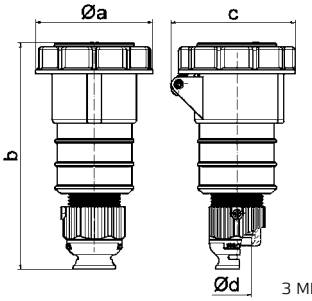
Connector TE-Plus with MULTI-GRIP

- Screwless terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP67

QUICK CONNECT
MULTI-GRIP

Ampere	Polzahl	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**31298**			**31240**			**31299**			**31457**			**310554**			**310417**			10	175
16	4	**31301**			**31302**			**31241**			**31242**			**31303**			**31304**			10	205
16	5	**31305**			**31306**			**31243**			**31501**						**31409**			10	245
32	3	**31307**			**31244**			**31308**												10	335
32	4	**31309**			**31310**			**31245**			**31246**			**31311**			**31312**			10	350
32	5	**31313**			**31314**			**31247**			**31207**						**310415**			10	410

31243



3 MB 63

Ampere	16	16	16	32	32	32
Polzahl	3	4	5	3	4	5
ø a	70,5	78,0	86,5	94,0	94,0	101,5
b	161,0	161,0	168,0	196,0	196,0	200,0
c	77,0	83,0	93,0	99,0	99,0	107,0
ø d	18,0	18,0	21,0	23,0	23,0	27,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

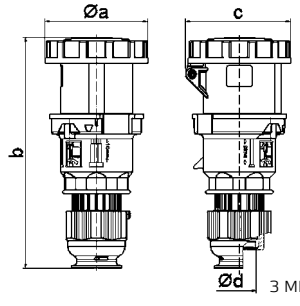
Connector TE-Plus with MULTI-GRIP

- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP67

MULTI-GRIP

Ampere	Polzahl	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
QUICK CONNECT																					
63	4							**310491**			**310493**									5	800
63	5							**310495**												5	855
Screw terminal:																					
63	3	**3180**			**3181**			**3182**			**31724**			**31605**						5	665
63	4	**3183**			**3184**			**3185**			**3186**			**31504**			**31251**			5	720
63	5	**3187**			**3188**			**3124**			**31082**			**31505**			**31183**			5	720

310495



3 MB 109

Ampere	63	63	63
Polzahl	3	4	5
ø a	110,0	110,0	110,0
b	251,0	251,0	251,0
c	113,0	113,0	113,0
ø d	36,0	36,0	36,0
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Technical Information - IEC 60309-1/2, EN 60309, VDE 0623

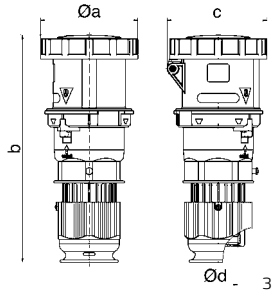
Connector TE with MULTI-GRIP

- Screw terminals
- Box terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- self locking
- Protection degree IP67

MULTI-GRIP

2P+E Ampere	3P+E Poles	3+N+E	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
125	3		3190			3191			3192												5	1130
125	4		3193			3194			3195			3196			31611						5	1230
125	5		3197			3198			3199			31417									5	1300

3199



3 MB 131

Ampere	125	125	125
Poles	3	4	5
ø a	125,0	125,0	125,0
b	295,0	295,0	295,0
c	128,0	128,0	128,0
ø d	50,0	50,0	50,0
Cond. mm² min	16	16	16
Cond. mm² max	50	50	50

Connector QUICK-CONNECT lockable

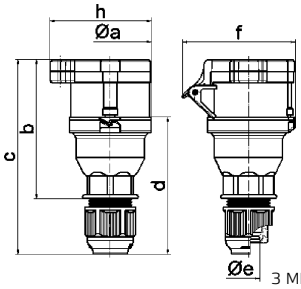
- Screwless terminals
- Lockable with matching connector
- Screwless enclosure connection, self locking
- Special gland, simultanous cable gland and seal
- Protection degree IP44

Accessories: Lock set, see page 108/5

QUICK-CONNECT
MULTI-GRIP

2P+E Ampere	3P+E Poles	3+N+E	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	5								310634												10	190
32	5								310635												10	300

310635



3 MB 106

Ampere	16	32
Poles	5	5
ø a	66,0	74,5
b	113,5	134,5
c	154,0	187,0
d	105,5	128,5
ø e	18,0	23,0
f	86,0	97,0
h	82,0	100,0
Cond. mm² min	1	2,5
Cond. mm² max	2,5	6

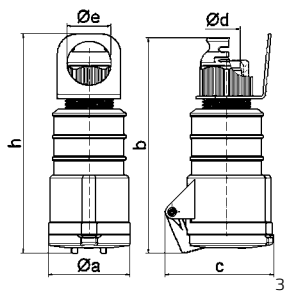
Hanging Connector TE-Plus with MULTI-GRIP

- Screwless terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK-CONNECT
MULTI-GRIP

2P+E Ampere	3P+E Poles	3+N+E	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3		3208			3209															10	190
16	4								3210			3211			3213			3212			10	220
16	5								3214												10	260
32	3		3215			3216															10	
32	4								3217			3218			3220			3219			10	
32	5								3221												10	425

3214



3 MB 74

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
ø a	51,0	58,0	65,0	66,5	66,5	72,0
b	156,0	162,0	168,0	195,0	195,0	198,0
c	72,0	78,0	86,0	89,0	89,0	99,0
ø d	18,0	18,0	21,0	23,0	23,0	27,0
ø e	39,5	39,5	35,5	48,5	48,5	44,5
h	167,5	173,5	171,5	208,0	208,0	205,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Hanging Clip

- For plugs and connectors with MULTI-GRIP cable gland

58401

	Ref. no.
for 16A	**58400**
for 32A	**58401**
for 63A and 125A	**58402**

Cable Gland Multi-Grip with Additional Strain Relief

- For plugs and connectors with MULTI-GRIP cable gland

29132

	Ref. no.
for 16A / 3pol., 4pol. TE + TE-Plus + QC + TLS	**29148**
for 16A / 5pol. TE + TE-Plus	**29149**
for 32A / 5pol. TE + TE-Plus	**29150**
for 63A / 3pol., 4pol., 5pol. TE + TE-Plus	**29132**
for 125A / 3pol., 4pol., 5pol. TE	**29133**

Closure Cap

- For CEE plugs
- Protection degree IP67

832

	Ref. no.
16A / 3pol.	**830**
16A / 4pol.	**835**
16A / 5pol., 7pol.	**831**
32A / 3pol., 4pol.	**837**
32A / 5pol., 7pol.	**832**
63A / 3pol., 4pol., 5pol.	**833**
125A / 3pol., 4pol., 5pol.	**834**

Reducer

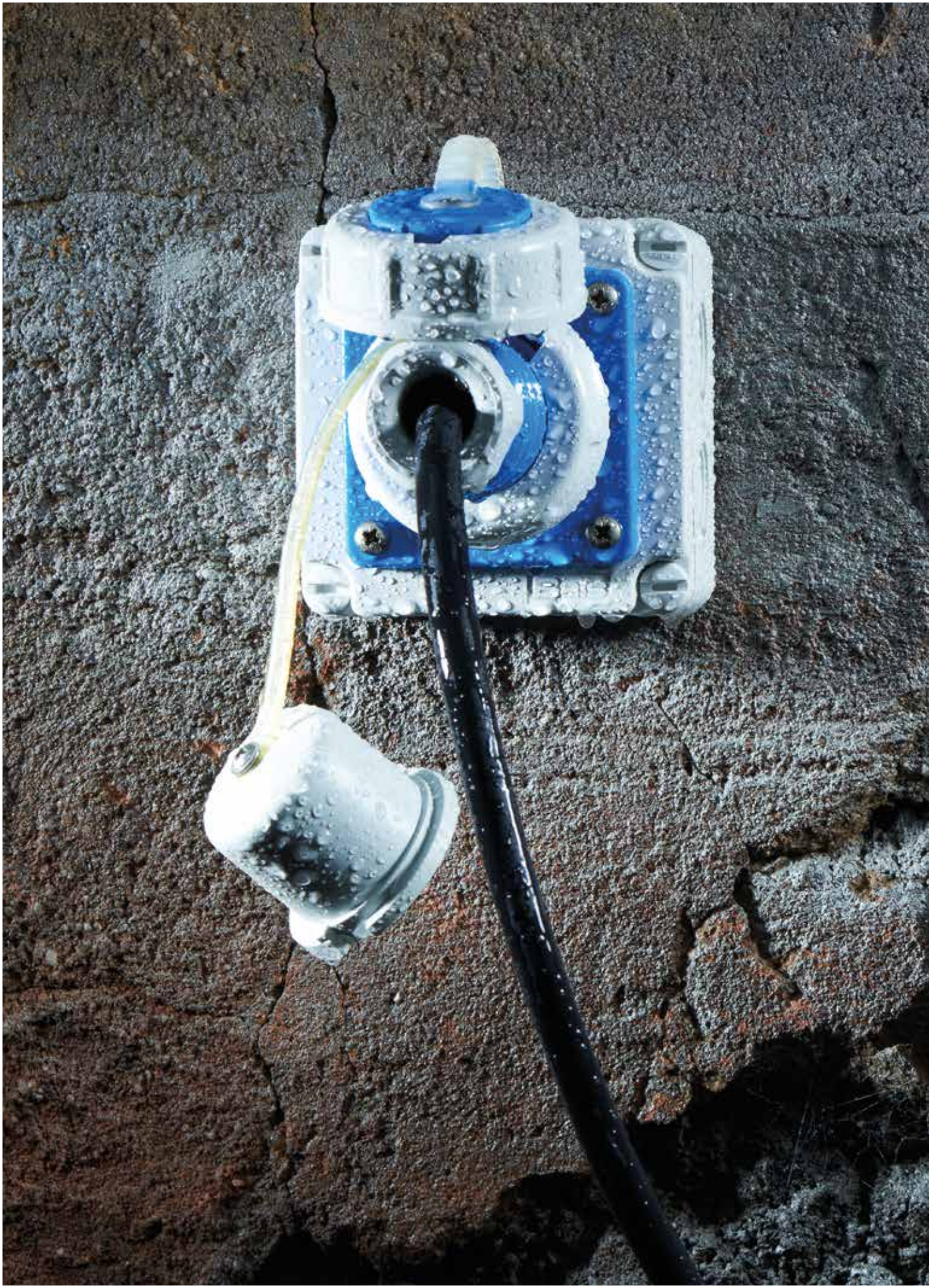
- Suitable for cables less than Ø8mm
- For all 16A standard plugs and sockets with MULTI-GRIP as well as extra-low voltage

	Ref. no.
	29129

Lock Set

- For plugs/connectors of type 310634, 310635, 210950 and 210951
- With long shackle and 2 keys

	Ref. no.
	580642



Domestic Panel Mounting Socket Outlets

Type F
German standard

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Type E
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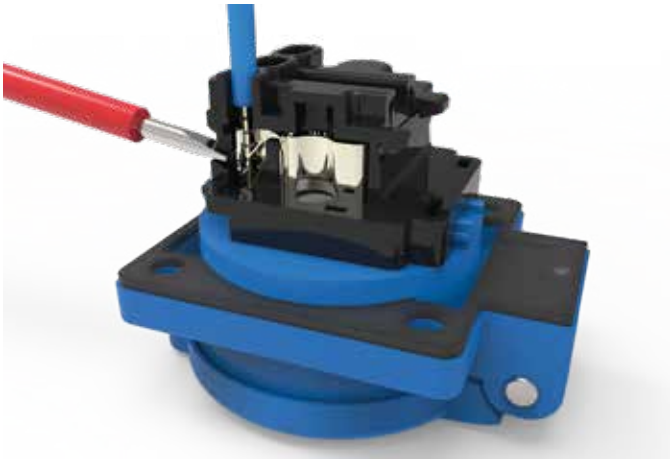
Technical features



Domestic Panel Mounting Socket Outlets with QUICK CONNECT

- Screwless connection technology
- Robust terminal and enclosure design
- Special contact technology largely prevents contact deformation that can lead to a rise in temperature
- Flange dimensions in 50 x 50 mm and 75 x 75 mm
- Versions available for German, Swiss, or Belgian/French system

Domestic Panel Mounting Socket Outlets with QUICK CONNECT

- Captive flange seal
- Available as IP44 or IP54
- Also with shutter on request
- Special colours on request
- VDE tested
- Touch-safe in accordance with BGV A3
- Nickel plated contacts

Usable conductor configurations

- Required stripping length and pin length with cable lugs 10 to 12 mm
- Solid conductor 1,5 mm² to 2,5 mm²
- Flexible conductor 1,5 mm² to 2,5 mm² with cable end ferrules, gas-tight crimp
- Flexible conductor 1,5 mm² to 2,5 mm² ultrasonically welded

Domestic Surface Mounting Socket Outlet, switched, interlocked

- Switched and electrically interlocked
- Load-free connection and disconnection is guaranteed
- Surface Mounting Socket Outlet can be operated safely both with an IP44 Domestic plug and an IP67 Domestic plug
- Safe
- Simple operation
- Clear state detection owing to engraved ON/OFF position
- Lockable 3x in 0-position

Bals
Bals

The domestic plugs and connectors with a separated design and with the unique MULTI-GRIP cable gland.
This integrated strain relief system invented by Bals, which has proven itself for over 15 years, now makes installation even easier and, above all, safer in the area of domestic plugs and connectors.

MULTI-GRIP

- MULTI-GRIP cable gland with integrated strain relief and seal
- Optimal strain relief for small and large cable diameters
- No time-consuming mounting of additional internal strain relief
- The time-consuming adjustment of onion rings to the cable diameter is eliminated
- Quick and safe closing of the cable gland due to the double thread
- The rubber seal that is fixed to the housing is captive and provides a reliable seal
- The condition of the strain relief can be checked from the outside at any time

Plug

- Protection degree IP44
- Easy and quick installation due to separated design
- Spacious connection area
- The alignment of the connections is the same for all contacts and the connection screws can therefore all be operated from one direction
- The housing and connection screws can be screwed with one and the same tool
- Cross sections of 1 mm² to 4 mm² can be connected without problem
- Also suitable for Belgian/French standard (plugs)
- Different colour variants (blue, red, black and grey) available

Connector

Like plugs but also:

- Optional with shutter
- Also available in Belgian/French system
- IP54

A spacious housing allows an uncomplicated installation.

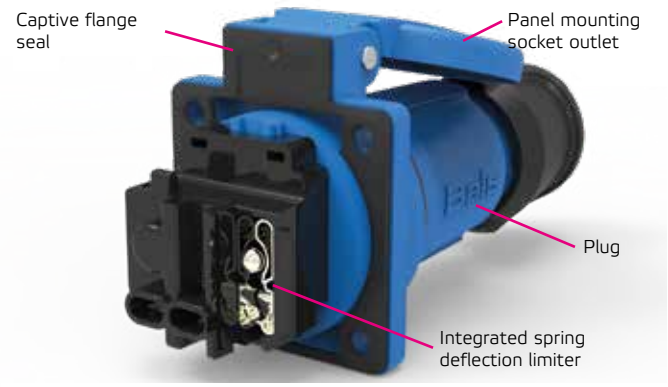
Cross sections of 1 mm² to 4 mm² can be connected without problem.

The socket outlets with screwless QUICK-CONNECT connection technology are available as an IP54 version for fixed or mobile distributors that comply with DIN 49442. These are additionally equipped with an increased sealing lip in the plug-in area.
A special contact technology and exclusively available for our products, largely prevents contact deformation, which can lead to contact pressure loss and thus to an increase in temperature.

These unique terminals are designed for cross sections from 1.5mm² to 2.5mm² for rigid or flexible conductors with ferrules.
The sockets also have a captive flange gasket, which is also optionally available with shutter. The flange dimensions of 50x50 mm or 75x75 mm provide maximum flexibility and are available in German and Belgian / French systems.

- Screwless connection technology
- Robust terminal and housing design
- New, attractive design
- Special contact technology mostly prevents deformation ultimately leading to lessening contact pressure and subsequent higher temperatures
- Captive flange seal
- Available as IP44 or IP54 variant

- Flange dimensions in 50x50 mm and 75x75 mm
- Versions available for German, Swiss, or Belgian/French system
- Also with shutter on request
- Special colours on request (depending on quantity)
- VDE-tested
- Finger-proof in accordance with BGV A3
- Nickel plated contacts



Solid design reduces contact deformation.

Simple disconnection of the conductor using a screwdriver.

Domestic Plugs and Sockets

German earthing system type F

Technical Information

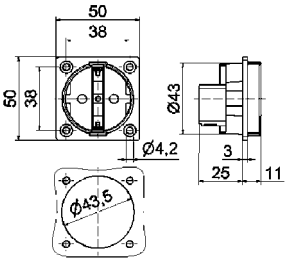
- 16A / 250V~
- VDE 0620 / NBN C 61-112-1

Domestic Panel Mounting Socket Outlet

- Screw terminals
- Without hinged lid
- Connection at rear
- Nickel plated contacts
- Protection degree IP20

Type F - German standard

713



18 MB 1

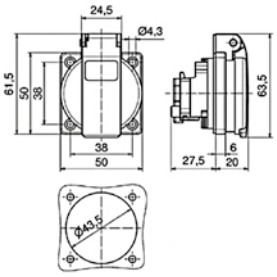
Version	Colour	Order no.	Qty
Screw terminal	blue	**713**	20
Screw terminal	grey	**712**	20
Screw terminal	black	**714**	20

Domestic Panel Mounting Socket Outlet

- Hinged lid and injected flange gasket
- Flange 50 x 50 mm
- Mounting dimension 38 x 38 mm
- Connection terminal in accordance with BGV A2
- Nickel plated contacts
- Protection degree IP54

Type F - German standard

71099



18 MB 102

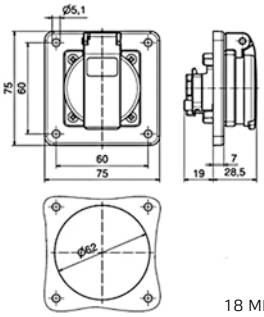
Version	Colour	Order no.	Qty
QUICK CONNECT	blue	**71099**	20
QUICK CONNECT	grey	**71100**	20
QUICK CONNECT	black	**71101**	20
Screw terminal	blue	**71094**	20
Screw terminal	grey	**71095**	20
Screw terminal	black	**71097**	20

Domestic Panel Mounting Socket Outlet

- Flange 75 x 75 mm
- Mounting dimension 60 x 60 mm
- Nickel plated contacts
- Protection degree IP54

Type F - German standard

71108



18 MB 107

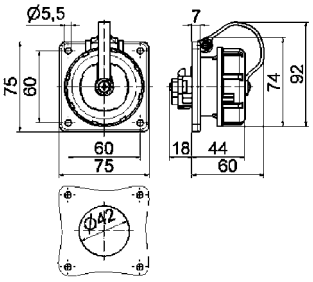
Version	Colour	Order no.	Qty
QUICK CONNECT	blue	**71108**	20
QUICK CONNECT	grey	**71109**	20
QUICK CONNECT	black	**71110**	20
Screw terminal	blue	**71105**	20
Screw terminal	grey	**71106**	20
Screw terminal	black	**71107**	20

Domestic Panel Mounting Socket Outlet

- Screw terminals
- Flange 75 x 75 mm
- Mounting dimension 60 x 60 mm
- Nickel plated contacts
- Protection degree IP68

Type F - German standard

7112



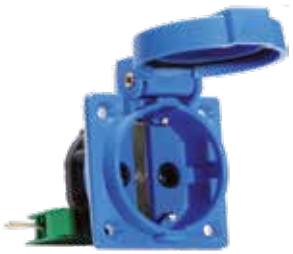
18 MB 19

Colour	Order no.	Qty
blue	**7112**	10
grey	**7119**	10

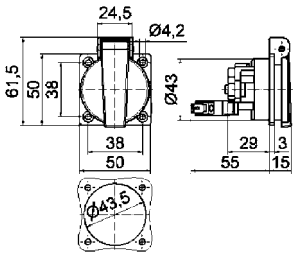
Domestic Panel Mounting Socket Outlet with Auxiliary Contact

- Screw terminals
- Flange 50 x 50 mm
- Mounting dimension 38 x 38 mm
- For measuring, regulating, controlling, acknowledging
- With hinged lid
- Nickel plated contacts
- Protection degree IP44

Type F - German standard



7168



18 MB 36

Version	Colour	Order no.	Qty
NO contact	blue	**7154**	20
NC contact	blue	**7168**	20

Technical Information

- 16A / 250V~
- VDE 0620 / NBN C 61-112-1

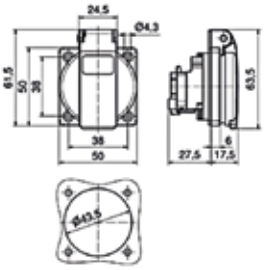
Domestic Panel Mounting Socket Outlet

- Flange 50 x 50 mm
- Mounting dimension 38 x 38 mm
- Connection terminal in accordance with BGV A2
- Nickel plated contacts
- Protection degree IP54

Type E - Belgian/ French standard

QUICK CONNECT

7111809



18 MB 103

Version	Colour	Order no.	Qty
QUICK CONNECT	blue	**71118**	20
QUICK CONNECT	grey	**71119**	20
QUICK CONNECT	black	**71120**	20
QUICK CONNECT child-proof cover	blue	**7111809**	20
QUICK CONNECT child-proof cover	grey	**7111909**	20
QUICK CONNECT child-proof cover	black	**7112009**	20

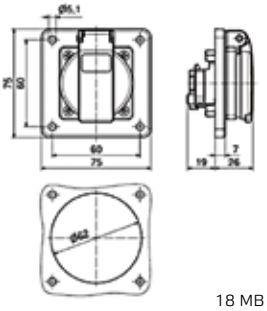
Domestic Panel Mounting Socket Outlet

- Screwless terminals
- Flange 75 x 75 mm
- Mounting dimension 60 x 60 mm
- Connection terminal in accordance with BGV A2
- Nickel plated contacts
- Protection degree IP54

Type E - Belgian/ French standard

QUICK CONNECT

7112109



18 MB 105

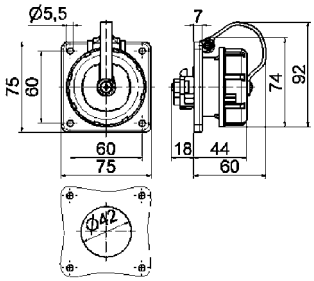
Version	Colour	Order no.	Qty
QUICK CONNECT	blue	**71121**	20
QUICK CONNECT	grey	**71122**	20
QUICK CONNECT	black	**71123**	20
QUICK CONNECT child-proof cover	blue	**7112109**	20
QUICK CONNECT child-proof cover	grey	**7112209**	20
QUICK CONNECT child-proof cover	black	**7112309**	20

Domestic Panel Mounting Socket Outlet

- Screw terminals
- Flange 75 x 75 mm
- Mounting dimension 60 x 60 mm
- Nickel plated contacts
- Protection degree IP68

Type E - Belgian/ French standard

7153



18 MB 19

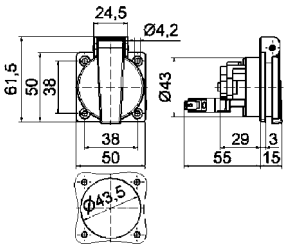
Colour	Order no.	Qty
blue	**7153**	10
grey	**71028**	10

Domestic Panel Mounting Socket Outlet with Auxiliary Contact

- Screw terminals
- Flange 50 x 50 mm
- Mounting dimension 38 x 38 mm
- For measuring, regulating, controlling, acknowledging
- With hinged lid
- Nickel plated contacts
- Protection degree IP54

Type E - Belgian/ French standard

7168



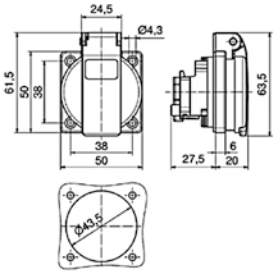
18 MB 36

Version	Colour	Order no.	Qty
NO contact	blue	**71001**	20
NC contact	blue	**7163**	20

Domestic Panel Mounting Socket Outlet

- Screw terminal
- Flange 50 x 50 mm
- Mounting dimension 38 x 38 mm
- Nickel plated contacts
- Protection degree IP44

Type G - British standard



18 MB 102

Colour	Order no.	Qty
blue	**71142**	10

Domestic Plugs and Sockets

Danish earthing system type K and Swiss earthing system type J

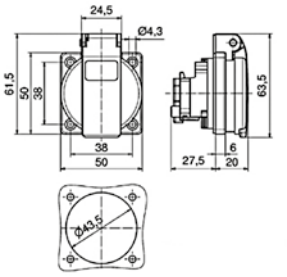
Technical Information

- 16A / 250V~
- VDE 0620 / NBN C 61-112-1

Domestic Panel Mounting Socket Outlet

- Screw terminal
- Flange 50 x 50 mm
- Mounting dimension 38 x 38 mm
- Nickel plated contacts
- Protection degree IP54

Type K - Danish standard



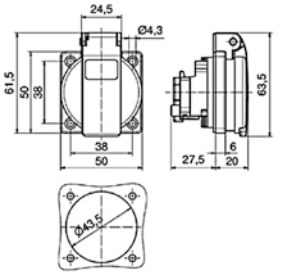
18 MB 102

Colour	Order no.	Qty
blue	**71071**	10

Domestic Panel Mounting Socket Outlet Typ 13

- 10A, 230V, 3p
- Screw terminal
- Flange 50 x 50 mm
- Nickel plated contacts
- Protection degree IP54

Type J - Swiss standard



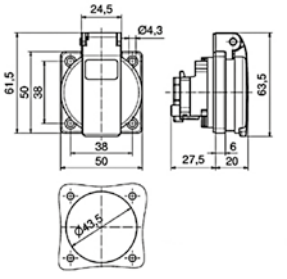
18 MB 102

Colour	Order no.	Qty
blue	**770**	10

Domestic Panel Mounting Socket Outlet Typ 23 with Swiss System J

- 10A, 230V, 3p
- Screw terminal
- Flange 50 x 50 mm
- Nickel plated contacts
- Protection degree IP54

Type J - Swiss standard



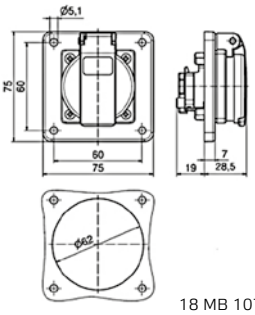
18 MB 102

Colour	Order no.	Qty
blue	**776**	10

Domestic Panel Mounting Socket Outlet Typ 13 with Swiss System J

- 10A, 230V, 3p
- Screw terminal
- Flange 75 x 75 mm
- Nickel plated contacts
- Protection degree IP54

Type J - Swiss standard



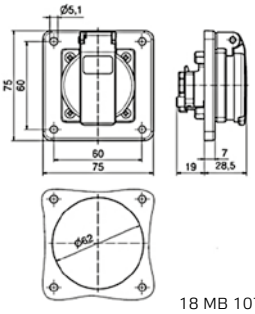
18 MB 107

Colour	Order no.	Qty
blue	**772**	10

Domestic Panel Mounting Socket Outlet Typ 23 with Swiss System J

- 10A, 230V, 3p
- Screw terminal
- Flange 75 x 75 mm
- Nickel plated contacts
- Protection degree IP54

Type J - Swiss standard



18 MB 107

Colour	Order no.	Qty
blue	**779**	10

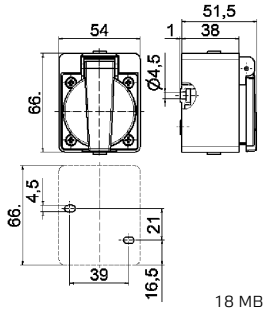
Technical Information

- 16A / 250V~
- VDE 0620 / NBN C 61-112-1

Domestic Surface Mounting Socket Outlet

- Dimension of enclosure 66 x 54 mm
- Protection degree IP44

724



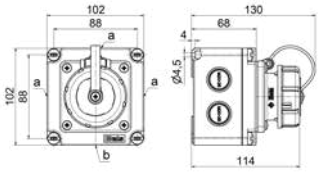
18 MB 35

Type	Colour	Order no.	Qty
German / F	blue	**724**	20
German / F	black	**726**	20

Domestic Surface Mounting Socket Outlet

- Dimension of enclosure 102 x 102 mm
- Protection degree IP67

7245



a 2xM20/M25

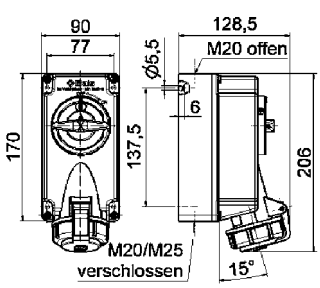
b 1xM20/M25

18 MB 114

Type	Colour	Order no.	Qty
German / F	blue	**7245**	10
Belg./French/E	blue	**7246**	10

Domestic Surface Mounting Socket Outlet

- Switched and electrically interlocked
- Protection degree IP67



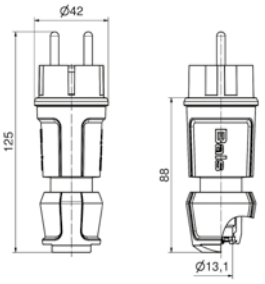
18 MB 61

Type	Colour	Order no.	Qty
German / F	blue	**76100**	1

Domestic Plug

- With Multi-Grip cable gland
- Spacious connection area
- Also suitable for Belgian/French system
- Protection degree IP44

7370



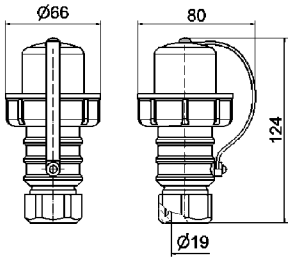
18 MB 119

Type	Colour	Order no.	Qty
German/F Belg./French/E	blue	**7370**	10
German/F Belg./French/E	grey	**7371**	10
German/F Belg./French/E	black	**7372**	10

Domestic Plug

- With cable gland
- Nickel plated contacts
- Also suitable for Belgian/French system
- With closure cap
- Protection degree IP67

736



18 MB 18

Type	Colour	Order no.	Qty
German/F Belg./French/E	blue	**736**	10
German/F Belg./French/E	grey	**737**	10

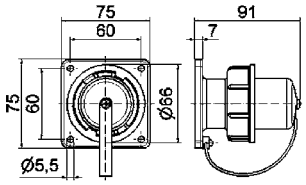
Technical Information

- 16A / 250V~
- VDE 0620 / NBN C 61-112-1

Domestic Appliance Inlet with Flange

- With closure cap
- Nickel plated contacts
- Also suitable for Belgian/French system
- Protection degree IP67

754



18 MB 16

Colour	Order no.	Qty
blue	**754**	10
grey	**755**	10

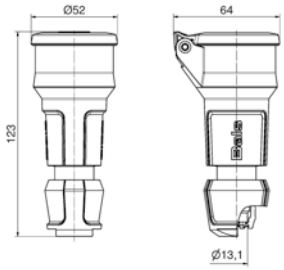
Domestic Connector

- Screw terminal
- With MULTI-GRIP cable gland
- Spacious connection area
- Protection degree IP54

Type F - German standard

MULTI-GRIP

7486



18 MB 120

Colour	Order no.	Qty
blue	**7486**	20
grey	**7487**	20
black	**7488**	20
red	**7489**	20

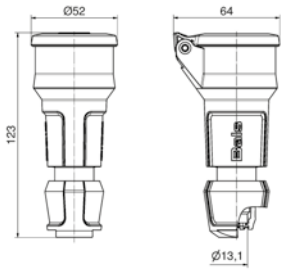
Domestic Connector with shutter

- Screw terminal
- With MULTI-GRIP cable gland
- Spacious connection area
- Protection degree IP54

Type F - German standard

MULTI-GRIP

748609



18 MB 120

Colour	Order no.	Qty
blue	**748609**	20
grey	**748709**	20
black	**748809**	20
red	**748909**	20

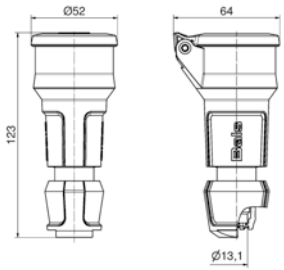
Domestic Connector with bleg. / france earthing system

- Screw terminal
- With MULTI-GRIP cable gland
- Spacious connection area
- Protection degree IP54

Type E - Belgian/ French standard

MULTI-GRIP

7490



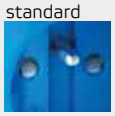
18 MB 120

Colour	Order no.	Qty
blue	**7490**	20
grey	**7491**	20
black	**7492**	20
red	**7493**	20

Domestic Connector with bleg. / france earthing system and shutter

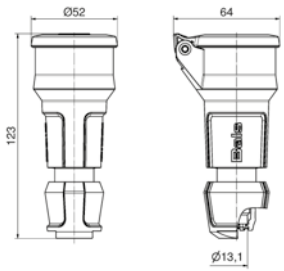
- Screw terminal
- With MULTI-GRIP cable gland
- Spacious connection area
- Protection degree IP54

Type E - Belgian/ French standard



MULTI-GRIP

749009



18 MB 120

Colour	Order no.	Qty
blue	**749009**	20
grey	**749109**	20
black	**749209**	20
red	**749309**	20

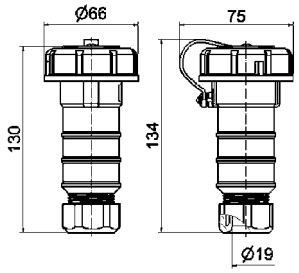
Technical Information

- 16A / 250V~
- VDE 0620 / NBN C 61-112-1

Domestic Connector

- With cable gland
- Nickel plated contacts
- Protection degree IP67

746



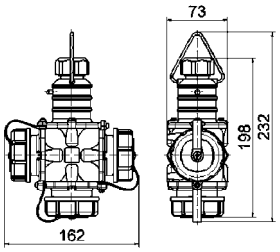
18 MB 26

Type	Colour	Order no.	Qty
German/F	blue	**746**	10
German/F	grey	**747**	10
Belg./French/E	blue	**7416**	10
Belg./French/E	grey	**7455**	10

Domestic Three-Way Connector

- With cable gland
- Nickel plated contacts
- With cover and hanging bracket
- Protection degree IP67

749



18 MB 27

Type	Colour	Order no.	Qty
German/F	blue	**749**	1
Belg./French/E	blue	**7432**	1

Extension Lead

- With domestic plug and connector
- Protection degree IP44

8156

Version	Length	Order no.	Qty
H07RN-F3G1,5	10m	**8189**	1
H07RN-F3G2,5	10m	**8156**	1
H07RN-F3G1,5	15m	**8190**	1
H07RN-F3G2,5	15m	**8158**	1
H07RN-F3G1,5	20m	**8191**	1
H07RN-F3G2,5	20m	**8192**	1

Extension Lead

- With watertight domestic plug and connector
- Protection degree IP67

8199

Version	Length	Order no.	Qty
H07RN-F3G1,5	10m	**8198**	1
H07RN-F3G2,5	10m	**8199**	1
H07RN-F3G1,5	15m	**81000**	1
H07RN-F3G2,5	15m	**81001**	1
H07RN-F3G1,5	20m	**81002**	1
H07RN-F3G2,5	20m	**81003**	1

Zum Öffnen beide Knebel
gleichzeitig betätigen.
VARIABOX

MODBOX
1–6
Bals

Surface mounting distributors

VARIABOX
Technical properties

Pages 127 - 129

Plastic

Pages 130 - 143

Network sockets

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Switched / interlocked

Pages 142

MODBOX®
Technical properties

Pages 144 - 145

Solid-Rubber

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Stainless-Steel

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Mobile distributors

Plastic

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EVOBOX

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Solid-Rubber

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Solid-Rubber

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Bollards

Distribution Bollards

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Power-Ports

Pages 179

Accessories

Accessories

Pages 180 - 183

VARIABOX

The Bals VARIABOX distributor system is even more versatile and flexible. As an adaptive further development, the new network data sockets as well as the switched interlocked CEE sockets are now available. Thus, the distributors can now be equipped with RJ45, HDMI or USB connections if necessary.
The coded flange plate with separate switch accommodates the mechanically interlocked panel mounting socket from 16A 3-pole to 32A 5-pole in IP44 or IP67 and can be perfectly integrated optically in the overall system.

Thus, the VARIABOX once again lives up to its reputation as a true all-rounder among the distributor systems. With the S, M, L, XL and XXL versions as wall-mounted or mobile combination, you will always find the right distributor for your needs – flexibly and individually configurable. A decisive advantage of the distributor is its freedom from maintenance: all panel mounting sockets are equipped with the touch-safe QUICK-CONNECT connection technology. Also unique is the operating window with OTC mechanism (one touch close).

Variabox extension – switching bar:

- Perfect optical integration in the existing system
- User-friendly arrangement in the case of multiple units
- Mechanical double-interlocking
- Can be locked in the 0-position
- Nickel plated contacts
- High-temperature-resistant contact carriers
- Greater flexibility in the Variabox system landscape
- Suitable for harsh environmental conditions
- Versions in all voltages and frequencies from 16A 3-pole to 32A 5-pole
- Protection degrees IP44, IP54 and IP67

Variabox extension – network socket:

- Perfect optical integration in the existing system
- Optionally equipped with RJ45, HDMI or USB
- Various data technology inserts available
- With protection against contact
- Protection degree IP54
- Greater flexibility in the Variabox system landscape
- Can be closed with the plugs plugged in, optionally lockable
- With labelling fields

Detailed view of switched interlocked flange plate.

The network socket with various data inserts.

Technical Data

Sizes

Version	Dimensions (H x W x D)
VARIABOX-S	130 x 230 x 145 mm
VARIABOX-M	260 x 230 x 145 mm
VARIABOX-L	390 x 230 x 145 mm
VARIABOX-XL	520 x 230 x 145 mm
VARIABOX-XXL	650 x 230 x 145 mm
VARIABOX-L DUO	390 x 460 x 145 mm
VARIABOX-XL DUO	520 x 460 x 145 mm
	further modular extension possible

Colours
Top grey (standard) RAL 7035
Top yellow, available as of 5 units
Top blue, available as of 5 units
Top red, available as of 5 units
Top silver, available as of 5 units
Bottom black RAL 9005

Shape
Cover straight,
CEE socket angled

Material
PBT polyester

Material properties
Self-extinguishing, heat-resistant, extremely cold-resistant, resistant to ageing, saltwater-resistant, good electric insulation properties, fracture-proof, wear-resistant, abrasion-resistant, dimensionally stable

Durable
High chemical resistance, UV-stabilised, suitable for use in hostile environments

Impact resistance
IK09

Thermal resistance
DIN EN 61439 / VDE 0660-600

Ageing resistance
Long-term testing at +80 degrees

Glow wire test
In accordance with
DIN EN60695

Protection
Top can be lead-sealed to bottom,
OTC window can be lead-sealed

Wall mounting
Either internal or external fastening

Cover attachment
Hinged on right, can be hinged on left on request

Cover screws
Captive, with internal and external hexagon, including slot, torque 2 Nm

Cable entry
Face plates pre-punched at top and bottom
each with M12, M20, M25/M32/M40

Attachments
User-friendly OTC mechanism (One Touch Close), CEE sockets 16A to 63A with maintenance-free QUICK-CONNECT technology, data sockets, intercompatibility of mounted sockets, optionally available with handle

Protection class
IP44, IP54, IP67

Environment
PVC-free, cadmium-free, halogen-free and silicone-free

Proper and clearly arranged wiring and an automated safety

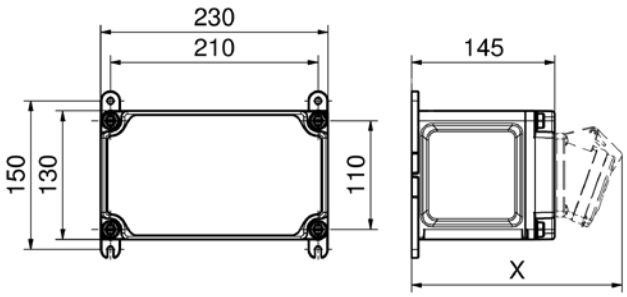
All mounted sockets with maintenance-free QUICK-CONNECT-technology

Operating window with the unique OTC mechanism

The metric cable entries at the top and bottom

VARIABOX-S

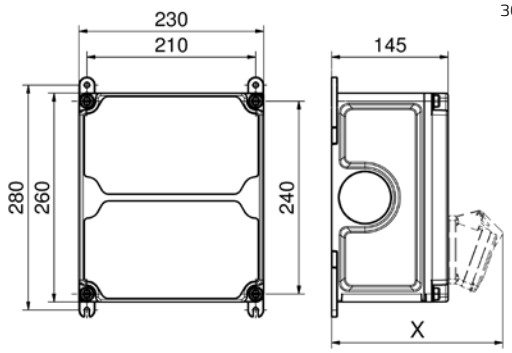
30MB208



Standard cable entries pre-punched
Top: 1xM12, 1xM20, 2xM25 oder 2xM32
Bottom: 1xM12, 1xM20, 2xM25 oder 2xM32

VARIABOX-M

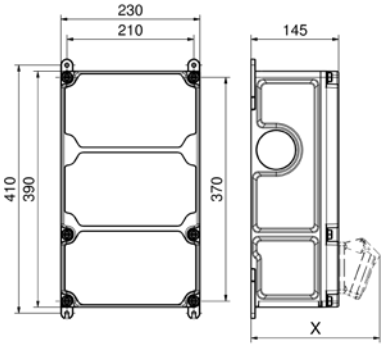
30MB207



Standard cable entries pre-punched
Top: 1xM12, 1xM20, 2xM32 oder 2xM40
Bottom: 1xM12, 1xM20, 2xM32 oder 2xM40

VARIABOX-L

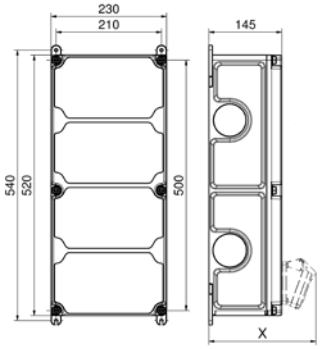
30MB206



Standard cable entries pre-punched
Top: 1xM12, 1xM20, 2xM40
Bottom: 1xM12, 1xM20, 2xM40

VARIABOX-XL

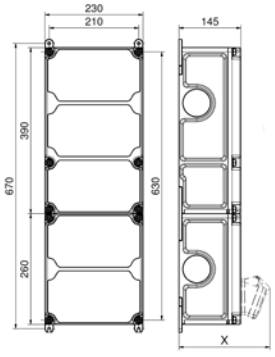
30MB205



Standard cable entries pre-punched
Top: 1xM12, 1xM20, 2xM40
Bottom: 1xM12, 1xM20, 2xM40

VARIABOX-XXL

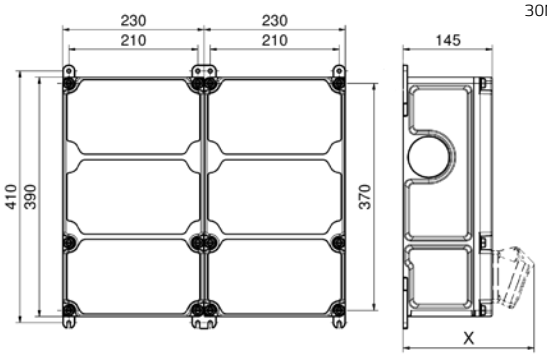
30MB204



Standard cable entries pre-punched
Top: 1xM12, 1xM20, 2xM40
Bottom: 1xM12, 1xM20, 2xM40

VARIABOX-L DUO

30MB214



Standard cable entries pre-punched
Top: 1xM12, 1xM20, 2xM40
Bottom: 1xM12, 1xM20, 2xM40

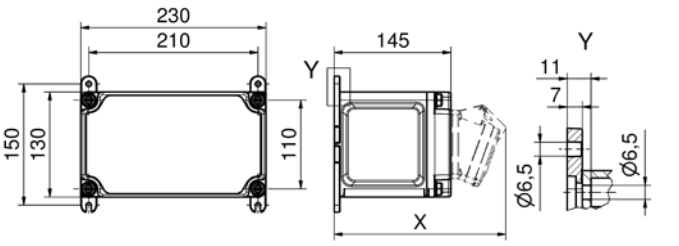
Table X-dimension

Components	Operation window	Domestic socket		CEE 16A 3pole		CEE 16A 4pole		CEE 16A 5pole		CEE 32A 3/4pole		CEE 32A 5pole		CEE 63A	
Protection class		IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP67
Depth X	180	162	205	200	200	204	202	207	205	211	213	213	214	229	231

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Housing made of high-grade, impact-resistant plastic
- Top and bottom can be sealed together
- With external and internal fastening
- Permanently attached cover screws
- Top section straight, CEE sockets angled
- All CEE sockets with screwless, maintenance-free QUICK-CONNECT technology
- Colours: bottom - black, top - electro-grey (housing top optionally available in the colours yellow, red or blue)



30 MB 208

Depth X (in mm)

Component	IP44	IP67	Component	IP44	IP67
OTC-window	180	180	CEE 16A 5p	207	205
Domestic socket	162	205	CEE 32A 3p / 4p	211	213
CEE 16A 3p	200	200	CEE 32A 5p	213	214
CEE 16A 4p	204	202	CEE 63A 3p / 4p / 5p	229	231

Ref. no. **89003**

ex stock

Components:
3 domestic sockets 16A, 230V
(type F - German standard)

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M25

Connection option:
for 1 cable up to 5 x 6 mm²

Ref. no. **89006**

Components:
4 domestic sockets 16A, 230V
(type F - German standard)

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M25

Connection option:
for 1 cable up to 5 x 6 mm²

Ref. no. **89002**

Components:
1 domestic socket 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M25

Connection option:
for 1 cable up to 5 x 6 mm²

Ref. no. **89004**

ex stock

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M25

Connection option:
for 1 cable up to 5 x 6 mm²

Ref. no. **89000**

Components:
2 CEE sockets 16A, 400V, 5p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M25

Connection option:
for 1 cable up to 5 x 6 mm²

Ref. no. **895347**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
2 RJ45 CAT6a below operating window, can be closed with the plugs plugged in

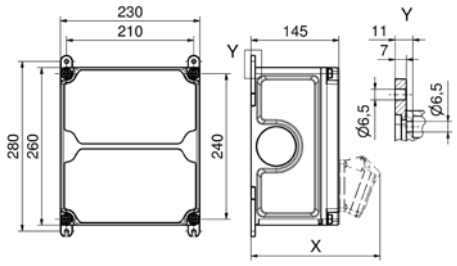
Cable entry at top and bottom:
1 cable gland M20 top
1 cable gland M25 with multiple sealing insert 2 x 8 mm top
1 x M20, 1 x M25 bottom

Connection option:
for 1 cable up to 3 x 6 mm²

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Housing made of high-grade, impact-resistant plastic
- Hinged lid
- Top and bottom can be sealed together
- With external and internal fastening
- User-friendly OTC operating window
- Permanently attached cover screws
- Coded flange plate system for maximum safety during initial installation and maintenance
- Top section straight, CEE sockets angled
- All CEE sockets with screwless, maintenance-free QUICK-CONNECT technology
- Colours: bottom - black, top - electro-grey (housing top optionally available in the colours yellow, red or blue)



30 MB 207

Depth X (in mm)

Component	IP44	IP67	Component	IP44	IP67
OTC-window	180	180	CEE 16A 5p	207	205
Domestic socket	162	205	CEE 32A 3p / 4p	211	213
CEE 16A 3p	200	200	CEE 32A 5p	213	214
CEE 16A 4p	204	202	CEE 63A 3p / 4p / 5p	229	231

Ref. no. **89016**

ex stock

Components:
3 domestic sockets 16A, 230V
(type F - German standard)

Fuse:
3 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M32

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890400**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
1 double data socket RJ45 CAT6a IP55

Fuse:
3 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2x M20, 2x M32

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89040**

Components:
4 domestic sockets 16A, 230V
(type F - German standard)

Fuse:
4 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M32

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89037**

Components:
8 domestic sockets 16A, 230V
(type F - German standard)

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M25

Connection option:
for 1 cable 5 x 6 mm²

Ref. no. **89044**

ex stock

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Fuse:
2 Neozed D01, 1p
1 Neozed D01, 3p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89010**

ex stock

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **89015**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 32A, 400V, 5p

Fuse:
2 Neozed D01, 1p
1 Neozed D02, 3p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89013**

ex stock

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89017**

Components:
2 CEE sockets 16A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89028**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M25

Connection option:
for 1 cable 3 x 4 mm² and
1 cable 5 x 4 mm²

Ref. no. **89038**

Components:
5 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M25

Connection option:
for 1 cable up to 5 x 6 mm²

Ref. no. **89022**

Components:
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
1 Neozed D01, 3p
1 Neozed D02, 3p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89048**

Components:
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890011**

Components:
2 CEE sockets 32A, 400V, 5p

Fuse:
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

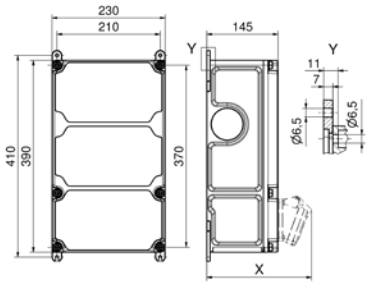
Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Housing made of high-grade, impact-resistant plastic
- Hinged lid
- Top and bottom can be sealed together
- With external and internal fastening
- User-friendly OTC operating window
- Permanently attached cover screws
- Coded flange plate system for maximum safety during initial installation and maintenance
- Top section straight, CEE sockets angled
- All CEE sockets with screwless, maintenance-free QUICK-CONNECT technology
- Colours: bottom - black, top - electro-grey (housing top optionally available in the colours yellow, red or blue)



30 MB 206

Depth X (in mm)

Component	IP44	IP67	Component	IP44	IP67
OTC-window	180	180	CEE 16A 5p	207	205
Domestic socket	162	205	CEE 32A 3p / 4p	211	213
CEE 16A 3p	200	200	CEE 32A 5p	213	214
CEE 16A 4p	204	202	CEE 63A 3p / 4p / 5p	229	231

Ref. no. **89084**

Components:
6 domestic sockets 16A, 230V
(system F - German earthing system)(type F - German standard)
Fuse:
6 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89085**

ex stock

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Fuse:
2 Neozed D01, 1p
2 Neozed D01, 3p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89075**

ex stock

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89086**

ex stock

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 Neozed D01, 1p
1 Neozed D01, 3p
1 Neozed D02, 3p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89076**

ex stock

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89070**

ex stock

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p

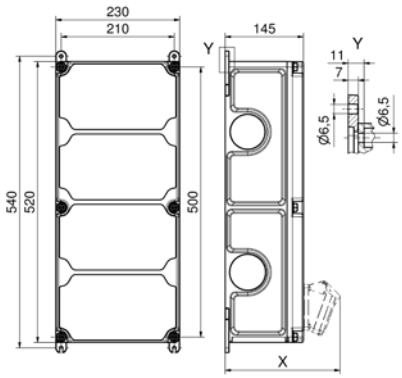
Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Housing made of high-grade, impact-resistant plastic
- Hinged lid
- Top and bottom can be sealed together
- With external and internal fastening
- User-friendly OTC operating window
- Permanently attached cover screws
- Coded flange plate system for maximum safety during initial installation and maintenance
- Top section straight, CEE sockets angled
- All CEE sockets with screwless, maintenance-free QUICK-CONNECT technology
- Colours: bottom - black, top - electro-grey (housing top optionally available in the colours yellow, red or blue)



30 MB 205

Depth X (in mm)

Component	IP44	IP67
OTC-window	180	180
Domestic socket	162	205
CEE 16A 3p	200	200
CEE 16A 4p	204	202
CEE 16A 5p	207	205
CEE 32A 3p / 4p	211	213
CEE 32A 5p	213	214
CEE 63A 3p / 4p / 5p	229	231

Ref. no. **89146**

ex stock

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 32A, 400V, 5p

Fuse:
2 Neozed D01, 1p
2 Neozed D02, 3p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89107**

ex stock

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89094**

ex stock

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 Neozed D01, 1p
1 Neozed D01, 3p
1 Neozed D02, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89099**

ex stock

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89101**

ex stock

Components:
4 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89095**

ex stock

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

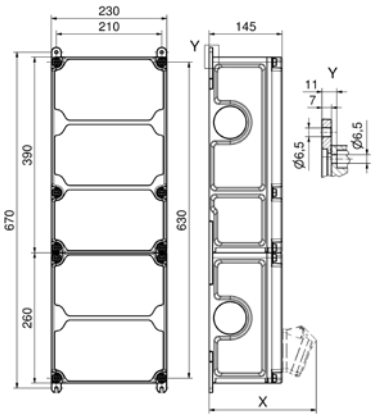
Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Housing made of high-grade, impact-resistant plastic
- Hinged lid
- Top and bottom can be sealed together
- With external and internal fastening
- User-friendly OTC operating window
- Permanently attached cover screws
- Coded flange plate system for maximum safety during initial installation and maintenance
- Top section straight, CEE sockets angled
- All CEE sockets with screwless, maintenance-free QUICK-CONNECT technology
- Colours: bottom - black, top - electro-grey (housing top optionally available in the colours yellow, red or blue)



30 MB 204

Depth X (in mm)

Component	IP44	IP67
OTC-window	180	180
Domestic socket	162	205
CEE 16A 3p	200	200
CEE 16A 4p	204	202
CEE 16A 5p	207	205
CEE 32A 3p / 4p	211	213
CEE 32A 5p	213	214
CEE 63A 3p / 4p / 5p	229	231

Ref. no. **89127**

ex stock

Components:
4 domestic sockets 16A, 230V
(type F - German standard)
3 CEE sockets 16A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
3 C-type MCBs 16A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89122**

Components:
6 CEE sockets 16A, 230V, 3p

Fuse:
6 C-type MCBs 16A, 1p
6 RCCB 25/0.03A, 2p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89120**

Components:
6 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
6 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89119**

ex stock

Components:
4 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89142**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89123**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 Neozed D02, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

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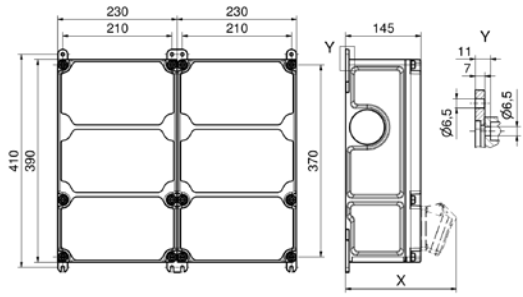
Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Housing made of high-grade, impact-resistant plastic
- Hinged lid
- Top and bottom can be sealed together
- With external and internal fastening
- User-friendly OTC operating window
- Permanently attached cover screws
- Coded flange plate system for maximum safety during initial installation and maintenance
- Top section straight, CEE sockets angled
- All CEE sockets with screwless, maintenance-free QUICK-CONNECT technology
- Colours: bottom - black, top - electro-grey (housing top optionally available in the colours yellow, red or blue)



30 MB 214

Depth X (in mm)

Component	IP44	IP67	Component	IP44	IP67
OTC-window	180	180	CEE 16A 5p	207	205
Domestic socket	162	205	CEE 32A 3p / 4p	211	213
CEE 16A 3p	200	200	CEE 32A 5p	213	214
CEE 16A 4p	204	202	CEE 63A 3p / 4p / 5p	229	231

Ref. no. **89128**

Components:
4 domestic sockets 16A, 230V
(type F - German standard)
3 CEE sockets 16A, 400V, 5p

Fuse:
4 Neozed D01, 1p
3 Neozed D01, 3p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89129**

Components:
4 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 230V, 3p
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
5 Neozed D01, 1p
1 Neozed D01, 3p
1 Neozed D02, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89134**

Components:
4 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
4 Neozed D01, 1p
2 Neozed D01, 3p
1 Neozed D02, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890083**

Components:
4 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p
1 double data socket RJ45 CAT6a IP55

Fuse:
4 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 C-type MCB 63A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 2x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89148**

Components:
6 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
3 Neozed D01, 1p
1 Neozed D01, 3p
1 Neozed D02, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **89987**

Components:
10 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
10 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Wired ready for connection
- Protection degree IP67
- All distributors comply with the DIN EN 61439 / IEC 61439

- Housing made of high-grade, impact-resistant plastic
- Top and bottom can be sealed together
- With external and internal fastening
- Permanently attached cover screws
- Top section straight, CEE sockets angled
- All CEE sockets with screwless, maintenance-free QUICK-CONNECT technology
- Colours: bottom - black, top - electro-grey (housing top optionally available in the colours yellow, red or blue)

Ref. no. **890919**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M25

Connection option:
for 1 cable up to 3 x 4 mm²

Ref. no. **890920**

Components:
1 domestic socket 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M25

Connection option:
for 1 cable up to 5 x 4 mm²

Ref. no. **890921**

Components:
1 domestic socket 16A, 230V
(type F - German standard))
1 CEE socket 16A, 400V, 5p

Fuse:
1 C-type MCB 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890922**

Components:
1 domestic socket 16A, 230V
(type F - German standard)
1 CEE socket 32A, 400V, 5p

Fuse:
1 C-type MCB 16A, 1p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890923**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890924**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Wired ready for connection
- Protection degree IP67
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **890925**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890926**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890927**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890928**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
2 C-type MCBs 32A, 3p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890929**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890930**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890931**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890932**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Wired ready for connection
- Protection degree IP67
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **890933**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890934**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890935**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890936**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890937**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890938**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890939**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
1 C-type MCB 16A, 1p
2 C-type MCBs 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **890940**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 C-type MCB 63A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Wired ready for connection
- Protection degree IP54
- All distributors comply with the DIN EN 61439 / IEC 61439

VARIABOX extension – network socket:

- Perfect optical integration in the existing system
- Optionally equipped with RJ45, HDMI or USB
- Various data technology inserts available
- With protection against contact
- Protection degree IP54
- Greater flexibility in the Variabox system landscape
- Can be closed with the plugs plugged in, optionally lockable
- With labelling fields

Detailed view of the network socket.

Ref. no. **893419**

Components:
2 RJ45 CAT6a below operating window, can be closed with the plugs plugged in

Cable entry:
2 x M25 top closed
1 x M25 bottom
1 x cable gland M25 with multiple sealing insert 2 x 8 mm bottom

Ref. no. **896346**

Components:
2 RJ45 CAT6a below operating window, can be closed with the plugs plugged in

Cable entry:
1 x M12, 1 x M20, 2 x M25 top
1 x M12, 1 x M20 bottom
2 x cable gland M25 with multiple sealing insert 2 x 8 mm bottom

Ref. no. **895347**

Components:
2 domestic sockets 16A, 230V (type F - German standard)
2 RJ45 CAT6a below operating window, can be closed with the plugs plugged in

Cable entry:
1 x cable gland M20 top
1 x cable gland M25 with multiple sealing insert 2 x 8 mm top
1 x M20, 1 x M25 bottom

Connection option:
for 1 cable up to 3 x 6 mm²

Ref. no. **896347**

Components:
2 domestic sockets 16A, 230V (type F - German standard)
4 RJ45 CAT6a below operating window, can be closed with the plugs plugged in

Cable entry:
1 x cable gland M20 top
1 x cable gland M32 with multiple sealing insert 4 x 8 mm top
1 x M20, 1 x M32 bottom

Connection option:
for 1 cable up to 3 x 6 mm²

Ref. no. **896329**

Components:
2 domestic sockets 16A, 230V (type F - German standard)
2 RJ45 CAT6a below operating window, can be closed with the plugs plugged in

Cable entry:
1 x M12, 1 x M20 top
1 x cable gland M25
1 x cable gland M25 with multiple sealing insert 2 x 8 mm bottom
1 x M12, 1 x M20, 2 x M25 unten

Connection option:
for 1 cable up to 5 x 4 mm²

Ref. no. **896400**

Components:
2 domestic sockets 16A, 230V (type F - German standard)
2 RJ45 CAT6a below operating window, can be closed with the plugs plugged in

Fuse:
2 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry:
1 x M20, 1 x M25 top closed
1 x cable gland M20 bottom
1 x cable gland M25 with multiple sealing insert 2 x 8 mm bottom

Connection option:
for 1 cable up to 3 x 6 mm²

Network socket

- For max. 4 data modules
- With 4 blank cover
- With protection cover plate
- Can be closed with the plugs plugged in, optionally lockable

Ref. no. **581276**

Data module RJ45 CAT 6a

- KeyStone module
- 10 Gigabit-Ethernet
- Insulation displacement contact

Manufacturer	Ref. no.
BTR	**50003186**
R&M	**50002819**
AMP	**50003206**
Dätwyler	**50003208**
Corning	**50003209**
3M	**50003210**
Telegärtner	**50003211**

Data module USB 2.0 A/A

- KeyStone module
- Colour: black

Ref. no. **50003218**

Data module USB 2.0 A/B

- KeyStone module
- Colour: white

Ref. no. **50003205**

Data module HDMI

- HDMI double socket
- KeyStone module
- Gold plated contacts
- Colour: white

Ref. no. **50003203**

KeyStone Blank Cover

- Colour: white

Ref. no. **20001402**

Technical information

- Wired ready for connection
- All distributors comply with the DIN EN 61439 / IEC 61439

Variabox extension – switching bar:

- Perfect optical integration in the existing system
- User-friendly arrangement in the case of multiple units
- Mechanical double-interlocking
- Can be locked in the 0-position
- Nickel plated contacts
- High-temperature-resistant contact carriers
- Greater flexibility in the Variabox system landscape
- Suitable for harsh environmental conditions
- Versions in all voltages and frequencies from 16A 3-pole to 32A 5-pole
- Protection degrees IP44, IP54 and IP67

Detailed view of switched interlocked flange plate.

Ref. no. **896373**

Components:
1 CEE socket 16A, 400V, 5p, IP44
nickel plated contacts, with mechanical interlocking, lockable in 0-position

Fuse:
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **896285**

Components:
1 CEE socket 16A, 400V, 5p, IP67
nickel plated contacts, with mechanical interlocking, lockable in 0-position

Fuse:
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **896374**

Components:
1 CEE socket 32A, 400V, 5p, IP44
nickel plated contacts, with mechanical interlocking, lockable in 0-position

Fuse:
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **896368**

Components:
1 CEE socket 32A, 400V, 5p, IP67
nickel plated contacts, with mechanical interlocking, lockable in 0-position

Fuse:
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **896376**

Components:
2 CEE sockets 16A, 400V, 5p, IP44
nickel plated contacts, with mechanical interlocking, lockable in 0-position

Fuse:
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **896377**

Components:
2 CEE sockets 16A, 400V, 5p, IP67
nickel plated contacts, with mechanical interlocking, lockable in 0-position

Fuse:
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

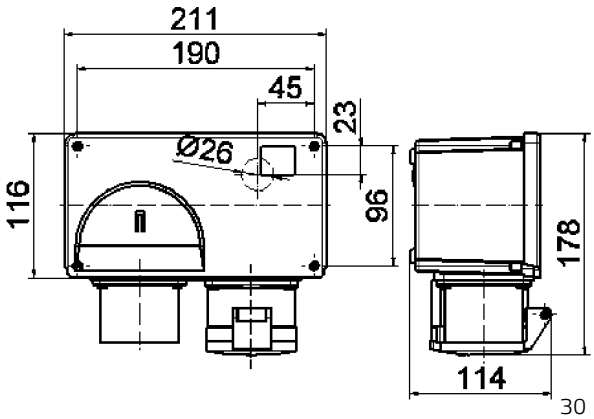
Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Ready wired for installation

- Dimension of enclosure: 211 x 116 mm
- Ready wired for installation
- Enclosure made of high-grade, impact-resistant plastic
- Small, compact design
- Variable configuration



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Ref. no. **591**

Components:
1 CEE socket 16A, 400V, 5p

Cable entry:
1 CEE inlet 16A, 400V, 5p

Ref. no. **592**

Components:
1 CEE socket 32A, 400V, 5p

Cable entry:
1 CEE inlet 32A, 400V, 5p

MODBOX
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MODBOX®
MODULARE STROMVERTEILER

We live in a fast-moving time. It is also frequently necessary to make modifications to power distribution systems. Power distributors used in industrial buildings, production facilities, laboratories, harbour docks, markets, tunnel, road construction sites and many other locations therefore frequently need to be adapted to their external conditions. In extreme applications, these distribution systems are often exposed to very harsh environmental conditions.
That's where the MODBOX® is the ideal solution. The patented MODBOX® Rubber Distributor Series combines all the demands placed on power distributors up to a maximum degree of protection of IP67.
When it comes to toughness, the MODBOX® leaves no wish unfulfilled. The material properties of the MODBOX® are unique: its robustness and resistance to ageing, temperature, oil and acid are unbeatable characteristics that can not be achieved by other distributor housings. The MODBOX® is, of course, also fully insulated, UV-resistant and halogen-free as well as flame-resistant and self-extinguishing.
The truly innovative enclosure design allows existing installations to be adapted quickly. Order separation attachments are provided in the enclosure. This makes it easier to install strong-current and weak-current systems.
An outstanding feature is that MODBOX® units can be easily connected next to each as modules without any modifications needing to be made to the basic installation.
The MODBOX® is freely configurable. Four openings in the side of the MODBOX® allow modules to be added in any direction. Another feature are the yellow connecting and end corners. To further improve safety, the luminous end corners (luminescence time up to 7 hours) are recommended.

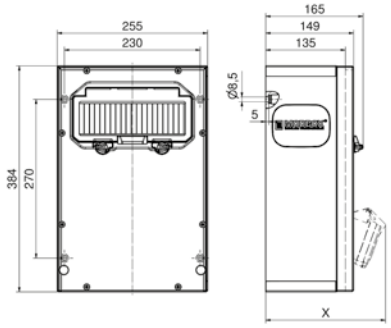
Technical Data
- Maximum Protection degree IP67
- MODBOX MIDI with user-friendly OTC operating window
- Modular expansion on all 4 sides possible
- Yellow end corners for increased safety
- Cover available on request with or without rain roof
- Hard Rubber mixture with hardness grade of 99 shore
- Corners and stability framework are made of cured glass-fibre-reinforced Polyamide
- Outer corners luminous on request
- Fully insulated

Material properties
- Impact-resistant
- UV-resistant
- Halogen-free
- Resistant to ageing, temperature, oil and acid
- Excellent resistance to chemicals
- Flame-resistant, self-extinguishing

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Enclosure made of high-quality, impact-resistant solid rubber
- User-friendly OTC operating window
- Modular extension
- Hardness grade of 99 shore
- Resistant to ageing, temperature, oil and acid
- Excellent resistance to chemicals
- Flame-resistant, self-extinguishing
- Top section straight, CEE sockets angled
- All CEE sockets with screwless, maintenance-free QUICK-CONNECT technology
- Black top and bottom section with yellow end corners



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Depth X (mm)

Component	IP44	IP67
OTC operating window	165	165
Domestic socket	152	195
CEE 16A 3p	190	190
CEE 16A 4p	194	192
CEE 16A 5p	197	195
CEE 32A 3p / 4p	201	203
CEE 32A 5p	203	204
CEE 63A 3p / 4p / 5p	219	221

Ref. no. **5401882**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)

Fuse:
3 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402775

Ref. no. **5401884**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)

Fuse:
6 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402776

Ref. no. **5401886**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402510

Ref. no. **5401892**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402777

Ref. no. **5401894**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **5402794**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 double data socket RJ45 CAT6a IP55

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2 x M20 and 2x M32

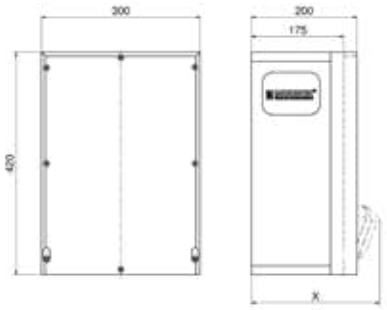
Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402797

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Enclosure made of high-quality, impact-resistant solid rubber
- Modular extension
- Hardness grade of 99 shore
- Resistant to ageing, temperature, oil and acid
- Excellent resistance to chemicals
- Flame-resistant, self-extinguishing
- Top section straight, CEE sockets angled
- All CEE sockets with screwless, maintenance-free QUICK-CONNECT technology
- Black top and bottom section with yellow end corners



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Depth X (mm)

Component	IP44	IP67
Domestic socket	192	235
CEE 16A 3p	230	230
CEE 16A 4p	234	232
CEE 16A 5p	237	235
CEE 32A 3p / 4p	241	243
CEE 32A 5p	243	244
CEE 63A 3p / 4p / 5p	259	261

Ref. no. **5401455**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402778

Ref. no. **5401567**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402779

Ref. no. **5401343**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 16 mm²

with RCCB B type: 5402438

Ref. no. **5401668**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 Neozed D01, 1p
1 Neozed D01, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402780

Ref. no. **5401662**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 Neozed D01, 1p
1 Neozed D01, 3p
1 Neozed D02, 3p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **5402044**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
2 C-type MCBs 32A, 3p
1 RCCB 630.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402781

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **5401302**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402511

Ref. no. **5402046**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 230V, 3p
1 CEE socket 16A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402782

Ref. no. **5401453**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402783

Ref. no. **5402795**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
2 RJ45 CAT6a below operating window

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2x M20 and 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402796

Ref. no. **5402047**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **5401274**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402784

Ref. no. **5402059**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 double data socket RJ45 CAT6a IP55

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 2x M20, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402785

Ref. no. **5402060**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 double data socket RJ45 CAT6a IP55

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 2x M20, 2x M40

Connection option:
for 2 cables up to 5 x 16 mm²

with RCCB B type: 5402786

Technical information

- Wired ready for connection
- Protection degree IP67
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **5402159**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)

Fuse:
4 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry at bottom:
1x M12, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402787

Ref. no. **5402160**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at bottom:
1x M12, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402788

Ref. no. **5402161**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at bottom:
1x M12, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402789

Ref. no. **5402162**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at bottom:
1x M12, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402618

Ref. no. **5402163**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at bottom:
1x M12, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402790

Ref. no. **5402164**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at bottom:
1x M12, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402791

Ref. no. **5402165**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at bottom:
1x M12, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402565

Ref. no. **5402166**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at bottom:
1x M12, 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402792

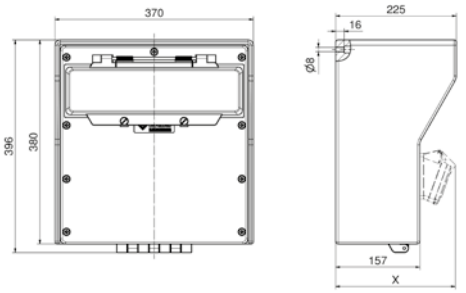
Combinations

Solid-Rubber distributor, surface mounting

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Enclosure made of high-quality, impact-resistant solid rubber
- Space for up to 18 modules under operating window
- Hardness grade of 97 shore
- Hinged lid
- Resistant to ageing, temperature, oil and acid
- Flame-resistant, self-extinguishing
- All CEE sockets with screwless, maintenance-free QUICK-CONNECT technology



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Depth X (mm)

Component	IP44	IP67
Domestic socket	172	215
CEE 16A 3p	210	210
CEE 16A 4p	214	212
CEE 16A 5p	217	215

Component	IP44	IP67
CEE 32A 3p / 4p	221	223
CEE 32A 5p	223	224
CEE 63A 3p / 4p / 5p	239	241

Ref. no. **5402049**

Components:
4 Domestic sockets 16A, 230V ~ (type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402633

Ref. no. **5402050**

Components:
4 Domestic sockets 16A, 230V ~ (type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 C-type MCB 32A, 3p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **5402051**

Components:
2 Domestic sockets 16A, 230V ~ (type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 Neozed D02, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **5402052**

Components:
4 Domestic sockets 16A, 230V ~ (type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

with RCCB B type: 5402634

Ref. no. **5402053**

Components:
4 Domestic sockets 16A, 230V ~ (type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p

Cable entry at top and bottom:
each with 2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **5402054**

Components:
2 Domestic sockets 16A, 230V ~ (type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
2 Neozed D01, 1p
1 Neozed D01, 3p
2 Neozed D02, 3p

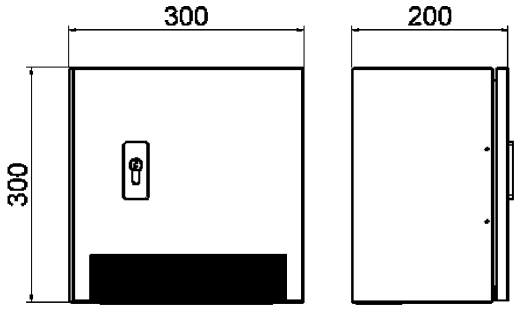
Cable entry at top and bottom:
each with 2x M50

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Ready wired for installation

- Dimension of enclosure: 300 x 300 mm
- Enclosure made of high-quality V2A stainless steel
- Brushed surface
- Door with box lock and single profile cylinder
- Wall mounting brackets, supplied loose
- Brush seal prevents dirt and dust from entering when door is closed
- Lockable in connected state
- Outgoing cables can be guided out through brush-sealed opening on front side
- Easy access to operating elements



45 MB 50

Ref. no. **560967**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry at bottom:
1x M20, 1x M25, 1x M32

Connection option:
for 1 cable 3 x 4 mm² and
1 cable 5 x 4 mm²

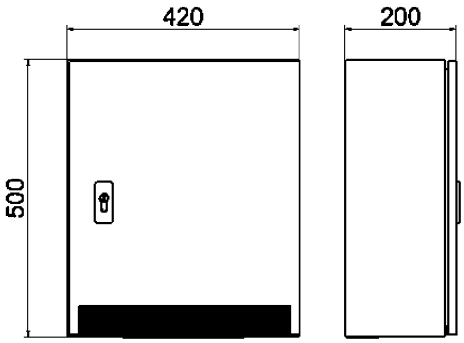
Ref. no. **560508**

Components:
1 Domestic socket 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Cable entry at bottom:
1x M20, 1x M25, 1x M32

Connection option:
for 1 cable 3 x 4 mm²,
1 cable 5 x 4 mm² and
1 cable 5 x 6 mm²

- Dimension of enclosure: 500 x 420 mm
- Enclosure made of high-quality V2A stainless steel
- Brushed surface
- Door with box lock and single profile cylinder
- Wall mounting brackets, supplied loose
- Brush seal prevents dirt and dust from entering when door is closed
- Lockable in connected state
- Outgoing cables can be guided out through brush-sealed opening on front side
- Easy access to operating elements



45 MB 17

Ref. no. **560384**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at bottom:
1x M25, 1x M32, 1x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **562373**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
2 CEE sockets 16A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

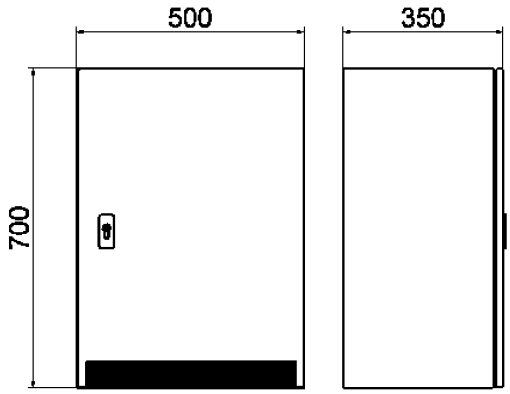
Cable entry at bottom:
1x M25, 1x M32, 1x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Ready wired for installation

- Dimension of enclosure: 700 x 500 mm
- Enclosure made of high-quality V2A stainless steel
- Brushed surface
- Door with box lock and single profile cylinder
- Wall mounting brackets, supplied loose
- Brush seal prevents dirt and dust from entering when door is closed
- Lockable in connected state
- Outgoing cables can be guided out through brush-sealed opening on front side
- Easy access to operating elements



45 MB 45

Ref. no. **562374**

Components:
4 Domestic sockets 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Protection:
4 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 C-type MCB 63A, 3p
2 RCCB 63/0.03A, 4p
2 fuse bases D02, 3p

Cable entry at bottom:
2x M63

Connection option:
for 2 cables up to 5 x 50 mm²

Ref. no. **562377**

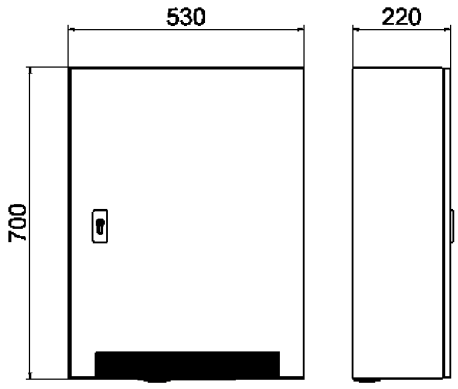
Components:
4 Domestic sockets 16A, 230V ~
(Type F - German standard)
2 CEE sockets 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p

Protection:
4 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at bottom:
1x M40, 1x M50, 1x M63

Connection option:
for 2 cables up to 5 x 25 mm²

- Dimension of enclosure: 700 x 530 mm
- Enclosure made of high-quality V2A stainless steel
- Brushed surface
- Door with box lock and single profile cylinder
- Wall mounting brackets, supplied loose
- Brush seal prevents dirt and dust from entering when door is closed
- Lockable in connected state
- Outgoing cables can be guided out through brush-sealed opening on front side
- Easy access to operating elements



45 MB 29

Ref. no. **561449**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at bottom:
1x M32, 1x M40, 1x M50

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **562306**

Components:
4 Domestic sockets 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Protection:
4 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

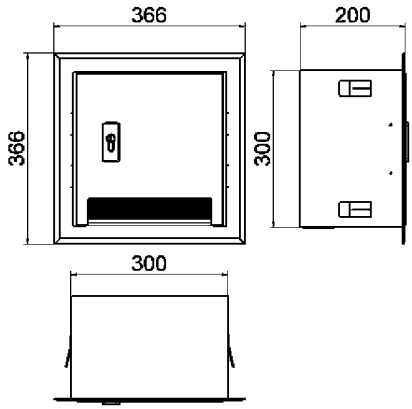
Cable entry at bottom:
1x M32, 1x M40, 1x M50

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Ready wired for installation

- Dimension of enclosure: 300 x 300 mm
- Enclosure made of high-quality V2A stainless steel
- Brushed surface
- Door with box lock and single profile cylinder
- Flush-mount adapter frame
- Brush seal prevents dirt and dust from entering when door is closed
- Outgoing cables can be guided out through brush-sealed opening on front side
- Door lockable in connected state
- Easy access to operating elements



45 MB 51

Ref. no. **560509**

Components:
1 Domestic socket 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Cable entry at bottom:
1x M20, 1x M25, 1x M32

Connection option:
for 1 cable up to 3 x 4 mm², 1 cable up to 5 x 4 mm² and 1 cable up to 5 x 6 mm²

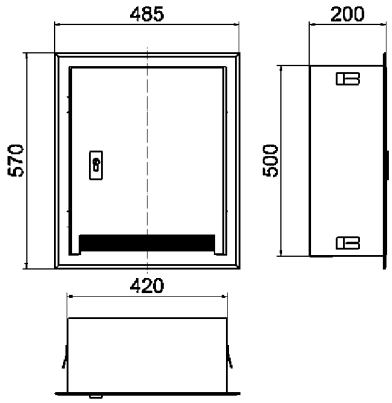
Ref. no. **560965**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry at bottom:
1x M20, 1x M25, 1x M32

Connection option:
for 1 cable up to 5 x 6 mm²

- Dimension of enclosure: 500 x 420 mm
- Enclosure made of high-quality V2A stainless steel
- Brushed surface
- Door with box lock and single profile cylinder
- Flush-mount adapter frame
- Brush seal prevents dirt and dust from entering when door is closed
- Outgoing cables can be guided out through brush-sealed opening on front side
- Door lockable in connected state
- Easy access to operating elements



45 MB 21

Ref. no. **561844**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at bottom:
1x M25, 1x M32, 1x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **562379**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
2 CEE sockets 16A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

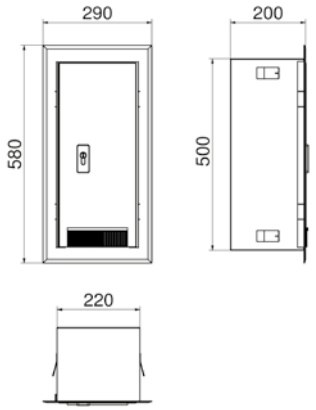
Cable entry at bottom:
1x M25, 1x M32, 1x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Ready wired for installation

- Dimension of enclosure: 500 x 220 mm
- Enclosure made of high-quality V2A stainless steel
- Brushed surface
- Door with box lock and single profile cylinder
- Flush-mount adapter frame
- Brush seal prevents dirt and dust from entering when door is closed
- Outgoing cables can be guided out through brush-sealed opening on front side
- Door lockable in connected state
- Easy access to operating elements



45 MB 68

Ref. no. **561872**

Components:
1 Domestic socket 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p

Protection:
1 C-type MCB 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at bottom:
1x M32, 1x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **562378**

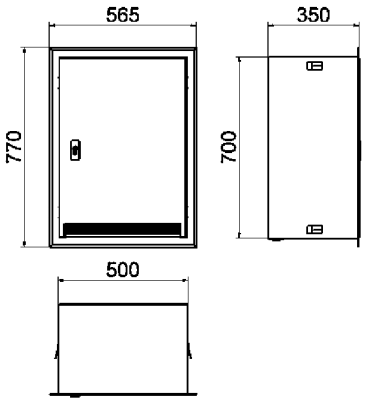
Components:
1 Domestic socket 16A, 230V ~
(Type F - German standard)
1 CEE socket 32A, 400V, 5p

Protection:
1 C-type MCB 16A, 1p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at bottom:
1x M32, 1x M40

Connection option:
for 2 cables up to 5 x 25 mm²

- Dimension of enclosure: 700 x 500 mm
- Enclosure made of high-quality V2A stainless steel
- Brushed surface
- Door with box lock and single profile cylinder
- Flush-mount adapter frame
- Brush seal prevents dirt and dust from entering when door is closed
- Outgoing cables can be guided out through brush-sealed opening on front side
- Door lockable in connected state
- Easy access to operating elements



45 MB 46

Ref. no. **562380**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at bottom:
1x M40, 1x M50, 1x M63

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **562376**

Components:
4 Domestic sockets 16A, 230V ~
(Type F - German standard)
2 CEE sockets 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p

Protection:
4 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at bottom:
1x M40, 1x M50, 1x M63

Connection option:
for 2 cables up to 5 x 25 mm²

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- With high quality handle
- Housing made of high-grade, impact-resistant plastic
- Top and bottom can be sealed together
- Permanently attached cover screws
- Top section straight, CEE sockets angled
- All CEE sockets with screwless, maintenance-free QUICK-CONNECT technology
- Colours: bottom - black, top - electro-grey (housing top optionally available in the colours yellow, red or blue)

Ref. no. **85000**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)

Cable entry:
Domestic plug 16A, 230V
with 2 m lead H07RN-F3G2,5

Ref. no. **85006**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry:
CEE plug 16A, 400V, 5p with
2 m cable H07RN-F5G2,5

Ref. no. **85007**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry:
CEE plug 32A, 400V, 5p with
2 m cable H07RN-F5G4

Ref. no. **85002**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Cable entry:
CEE plug 16A, 400V, 5p with
2 m cable H07RN-F5G2,5

Ref. no. **85008**

Components:
2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry:
CEE plug 32A, 400V, 5p with
2 m cable H07RN-F5G6

Ref. no. **85036**

Components:
6 domestic sockets 16A, 230V
(type F - German standard))

Fuse:
6 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry:
CEE plug 32A, 400V, 5p with
2 m cable H07RN-F5G4

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **85009**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry:
CEE plug 32A, 400V, 5p with
2 m cable H07RN-F5G6

Ref. no. **85016**

Components:
3 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry:
CEE plug 32A, 400V, 5p with
2 m cable H07RN-F5G4

Ref. no. **85034**

Components:
4 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry:
CEE plug 32A, 400V, 5p with
2 m cable H07RN-F5G6

Ref. no. **85005**

Components:
6 domestic sockets 16A, 230V
(type F - German standard)

Fuse:
1 RCCB 40/0.03A, 4p

Cable entry:
CEE plug 16A, 400V, 5p with
2 m cable H07RN-F5G2,5

The mobile distributor generation

The new EVOBOX series is the ideal solution for mobile power supply in industry, on construction sites or in event technology.

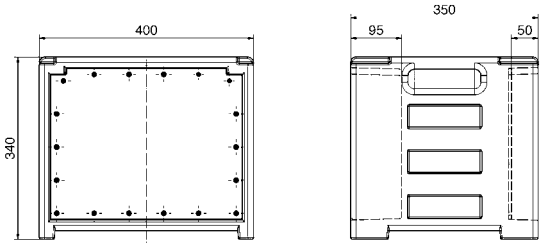
The portable distributor series is available in 4 coordinated housing sizes and impresses with its high mechanical and thermal capacity.

Product information
- Available in 4 coordinated housing sizes
- Perfectly stackable
- Easy-to-handle, using integrated carrying grips
- No protruding components
- fuse elements under transparent operating windows
- Distributor outlets and fuse elements each separately on one side
- Ready wired for installation
- The internal wiring is designed for the highest possible safety via the specification standard
- Resistant to ageing and weather
- Lightweight and impact resistant through the use of hard-poly-ethylene

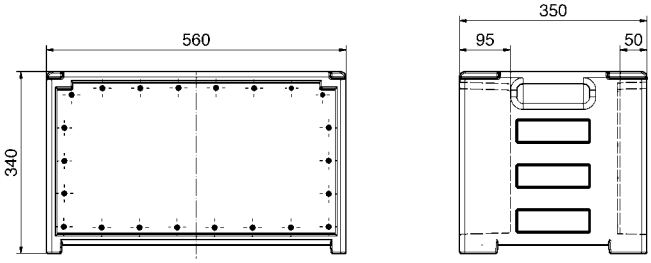
Product details
- Impact strength IK10, up to 20J impact energy
- Self-extinguishing and UV-stabilized
- Highly resistant thermally and mechanically
- Maintenance-free QUICK-CONNECT-technology for CEE up to 63A and domestic sockets
- Overall protection degree of the distributor is IP54
- Flexible fitting options up to 125A

Optional
- Adapted arrangement of panel mounting sockets for plugs with protection degree IP67
- Phase control lights are easily visible under operating windows
- External earthing screw outside the housing
- Installation of overvoltage protection
- The housing can be blue, red and orange (minimum oder quantity)
- all panel mounting socket outlets are available in black

Power supply
- Cable entry with CEE plug up to max. 125A
- CEE inlet up to max. 125A

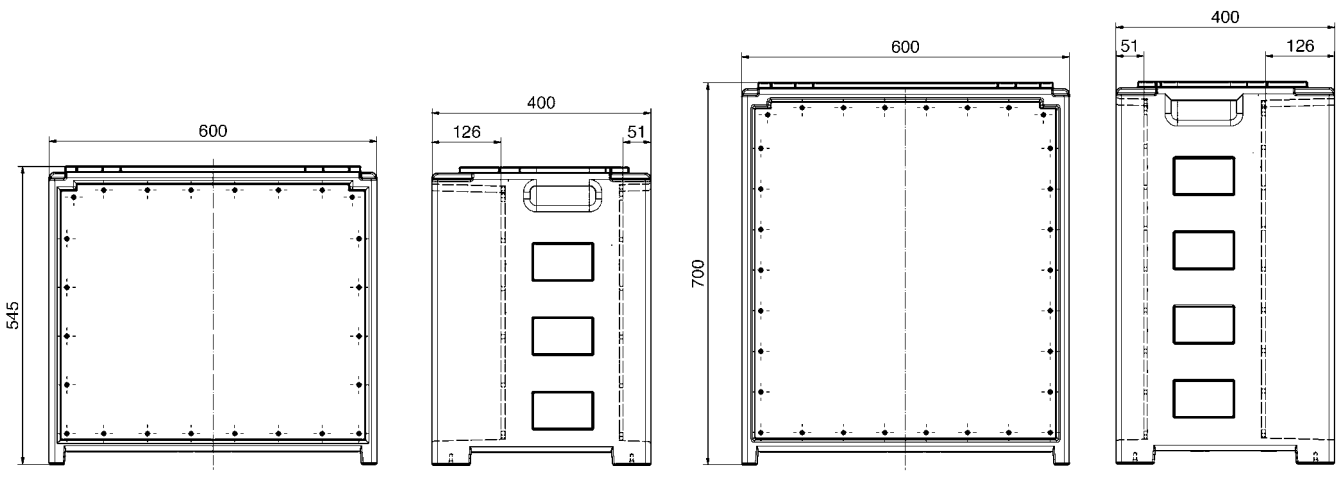


EVOBOX-S



EVOBOX-M

The 4 coordinated housing sizes

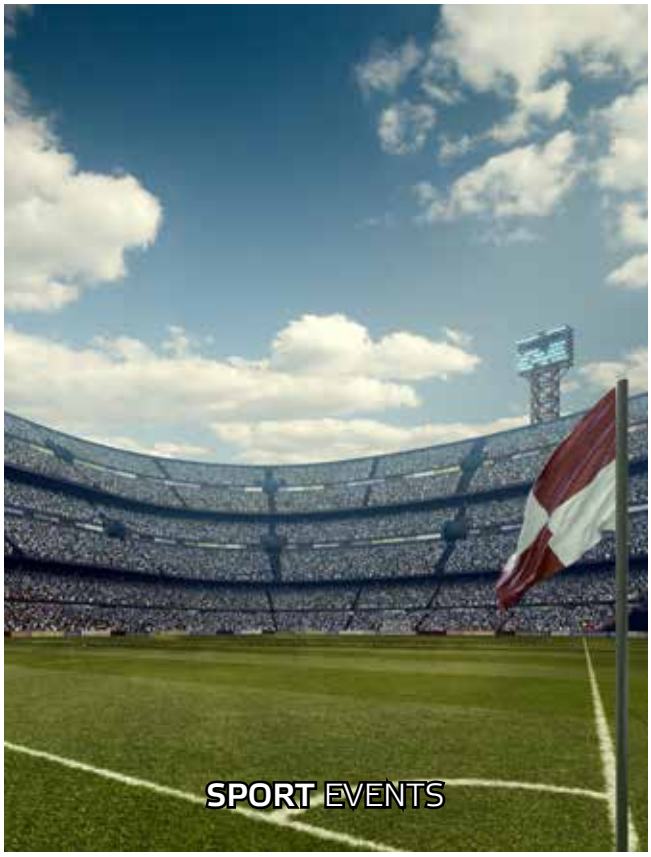


EVOBOX-L

EVOBOX-XL

One distributor - many areas of application

The mobile distributor generation **EVOBOX**, customized, depending on the area of application.



EVOBOX-S

Components:
6 domestic sockets 16A, 230V, IP54
(Type F - German standard)
2 CEE sockets 16A, 400V, 5p, 6h, IP54

Fuse:
6 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0,03A, 4p

Additional equipment:
1 phase control light, LED green
1 external earthing screw

Input:
1 CEE inlet 16A, 400V, 5p, 6h, IP67

Ref. no. **5202999**

EVOBOX-M

Components:
9 domestic sockets 16A, 230V, IP54
(Type F - German standard)
3 CEE sockets 16A, 400V, 5p, 6h, IP54
1 CEE socket 32A, 400V, 5p, 6h, IP54

Fuse:
9 C-type MCBs 16A, 1p
3 C-type MCBs 16A, 3p
1 RCCB 40/0,03A, 4p

Additional equipment:
1 phase control light, LED green
1 external earthing screw

Input:
1 CEE inlet 32A, 400V, 5p, 6h, IP67

Ref. no. **5203000**

EVOBOX-L

Components:
9 domestic sockets 16A, 230V, IP54
(Type F - German standard)
4 CEE sockets 16A, 400V, 5p, 6h, IP54
2 CEE sockets 32A, 400V, 5p, 6h, IP54
1 CEE socket 63A, 400V, 5p, 6h, IP67

Fuse:
9 C-type MCBs 16A, 1p
4 C-type MCBs 16A, 3p
2 C-type MCBs 32A, 3p
3 RCCBs 63/0,03A, 4p

Additional equipment:
1 phase control light, LED green
1 external earthing screw

Input:
1 CEE inlet 63A, 400V, 5p, 6h, IP67

Ref. no. **5203001**

EVOBOX-XL

Components:
9 domestic sockets 16A, 230V, IP54
(Type F - German standard)
4 CEE sockets 16A, 400V, 5p, 6h, IP54
4 CEE sockets 32A, 400V, 5p, 6h, IP54
2 CEE sockets 63A, 400V, 5p, 6h, IP67
1 CEE socket 125A, 400V, 5p, 6h, IP67

Fuse:
9 C-type MCBs 16A, 1p
4 C-type MCBs 32A, 3p
4 RCCBs 63/0,03A, 4p
4 C-type MCBs 16A, 3p
2 C-type MCBs 63A, 3p
2 RCCBs 63/0,5A, 4p

Additional equipment:
1 phase control light, LED green
1 external earthing screw

Input:
1 CEE inlet 125A, 400V, 5p, 6h, IP67

Ref. no. **5203002**

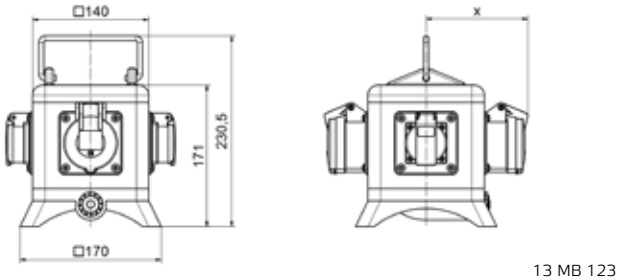
Combinations

Solid-Rubber distributor, portable

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Enclosure made of high-quality, impact-resistant solid rubber
- Small, compact design
- Top and bottom in signal yellow
- Handle made of stainless steel



13 MB 123

Depth X (in mm)

Component	IP44	IP67
Operating window	90	
Domestic socket	98,5	114
CEE 16A 3p	121	127
CEE 16A 4p	123	128
CEE 16A 5p	127	130
CEE 32A 3p / 4p	130	135
CEE 32A 5p	139	139

Ref. no. **576086**

Components:
1 CEE socket 16A, 400V, 5p
1 electricity meter 10/65A

Cable entry/inlet:
CEE plug 16A, 400V, 5p with lead 2 m H07RN-F5G1,5

Ref. no. **57148**

Components:
2 Domestic sockets 16A, 230V ~ (type F - German standard)
2 CEE sockets 16A, 400V, 5p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with lead 2 m H07RN-F5G2,5

Ref. no. **57623**

Components:
4 Domestic sockets 16A, 230V ~ (type F - German standard)

Cable entry/inlet:
Domestic plug 16A, 230V, 3p
4 m cable H07RN-F3G2,5

Ref. no. **57996**

Components:
2 Domestic sockets 16A, 230V ~ (type F - German standard)
1 CEE socket 16A, 400V, 5p
1 rotary field measuring device

Fuse:
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE phase inverter 16A, 400V, 5p with lead 2 m H07RN-F5G2,5

Ref. no. **57255**

Components:
2 Domestic sockets 16A, 230V ~ (type F - German standard)
1 CEE socket 16A, 400V, 5p

Fuse:
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with lead 2 m H07RN-F5G2,5

Ref. no. **57143**

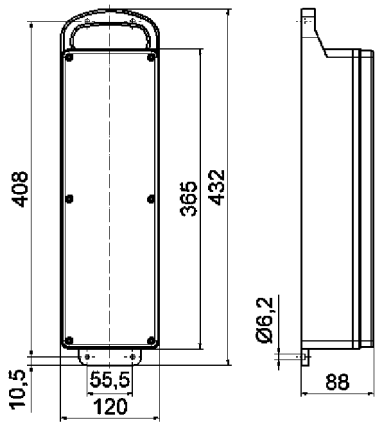
Components:
3 Domestic sockets 16A, 230V ~ (type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with lead 2 m H07RN-F5G2,5

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Enclosure made of high-quality, impact-resistant solid rubber
- Ideally suited to tough, harsh and difficult conditions
- Convenient and compact design
- With moulded carrying handle



13 MB 7

Ref. no. **530179**

Components:
1 Domestic socket 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
1 C-type MCB 16A, 1p
1 C-type MCB 16A, 3p

Cable entry/inlet:
CEE plug 32A, 400V, 5p with
lead 1.8 m H07RN-F5G4

Ref. no. **5310**

Components:
3 CEE sockets 16A, 400V, 5p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 1.8 m H07RN-F5G2,5

Ref. no. **53141**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)

Fuse:
1 RCCB 25/0.03A, 2p

Cable entry/inlet:
Domestic plug 16A, 230V, 3p with 2 m
lead H07RN-F3G2,5

Ref. no. **53525**

Components:
3 CEE sockets 32A, 400V, 5p

Cable entry/inlet:
CEE plug 32A, 400V, 5p with
lead 2 m H07RN-F5G4

Ref. no. **53420**

Components:
2 CEE sockets 16A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 3p

Cable entry/inlet:
CEE plug 32A, 400V, 5p with
lead 2 m H07RN-F5G6

Ref. no. **53290**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 2 m H07RN-F5G2,5

Combinations

Solid-Rubber distributor, portable

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **530003**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 2 m H07RN-F5G2,5

Ref. no. **530**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Fuse:
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 1.8 m H07RN-F5G2,5

Ref. no. **5311**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 1.8 m H07RN-F5G2,5

Ref. no. **5350**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)

Cable entry/inlet:
Domestic plug 16A, 230V, 3p
with 2 m cable H07RN-F3G2,5

Ref. no. **53247**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 2 m H07RN-F5G2,5

Ref. no. **53213**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)

Fuse:
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 2 m H07RN-F5G2,5

Ref. no. **5321**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)

Fuse:
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 2 m H07RN-F5G2,5

Ref. no. **530321**

Components:
3 CEE sockets 16A, 400V, 5p

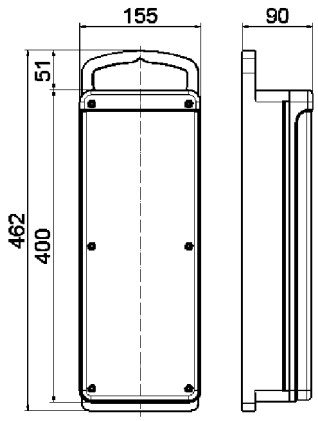
Fuse:
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 2 m H07RN-F5G2,5

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Enclosure made of high-quality, impact-resistant solid rubber
- Ideally suited to tough, harsh and difficult conditions
- Convenient and compact design
- With moulded carrying handle



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Ref. no. **53909**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)

Fuse:
3 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 32A, 400V, 5p with
lead 2 m H07RN-F5G4

Ref. no. **53681**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Fuse:
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 2 m H07RN-F5G2,5

Ref. no. **53679**

Components:
12 Domestic sockets 16A, 230V ~
(type F - German standard)

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 2 m H07RN-F5G2,5

Ref. no. **530090**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 32A, 400V, 5p with
lead 2 m H07RN-F5G4

Ref. no. **530425**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 2 m H07RN-F5G2,5

Ref. no. **530426**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p

Cable entry/inlet:
CEE plug 32A, 400V, 5p with
lead 2 m H07RN-F5G4

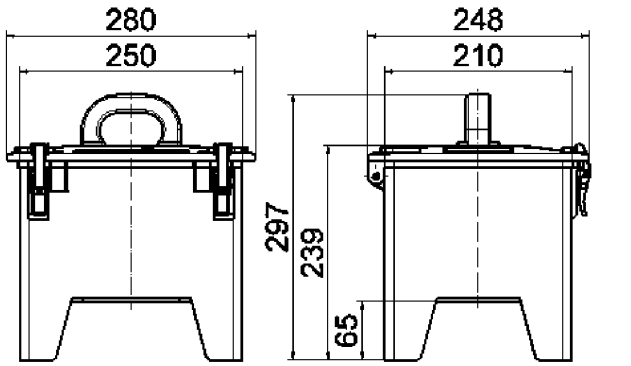
Combinations

Solid-Rubber distributor, portable

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Enclosure made of high-quality, impact-resistant solid rubber
- Ideally suited to tough, harsh and difficult conditions
- Robust solid-rubber handle with hook for cable
- Lockable stainless-steel quick-release fasteners
- Hinged lid, user-friendly access to protective equipment
- Stackable, foot attachment on enclosure cover
- High rubber feet to avoid dirt at floor level



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Ref. no. **5226**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 Neozed D01, 1p
2 Neozed D01, 3p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **522590**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 rotary field measuring device

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE phase inverter 32A, 400V, 5p

Ref. no. **5201558**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **5201047**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **522144**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p

Fuse:
1 Neozed D01, 1p
1 Neozed D01, 3p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **5201015**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 32A, 400V, 5p with
lead 2 m H07RN-F5G4

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **5201926**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 32A, 400V, 5p with
3 m cable H07RN-F5G6

Ref. no. **5202236**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **5200568**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
3 CEE sockets 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **524449**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 32A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **5225**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Cable entry/inlet:
CEE inlet 16A, 400V, 5p

Ref. no. **5201004**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **5200917**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **5202237**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 32A, 400V, 5p with
lead 3 m H07RN-F5G4

Combinations

Solid-Rubber distributor, portable

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **526**

Components:
5 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Cable entry/inlet:
CEE inlet 16A, 400V, 5p

Ref. no. **5202238**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **522143**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 Neozed D01, 1p
1 Neozed D01, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **52638**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Fuse:
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 16A, 400V, 5p with
lead 2 m H07RN-F5G2,5

Ref. no. **5201555**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **52480**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Fuse:
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE inlet 16A, 400V, 5p

Ref. no. **522589**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 rotary field measuring device

Fuse:
3 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE phase inverter 16A, 400V, 5p

Ref. no. **523291**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)

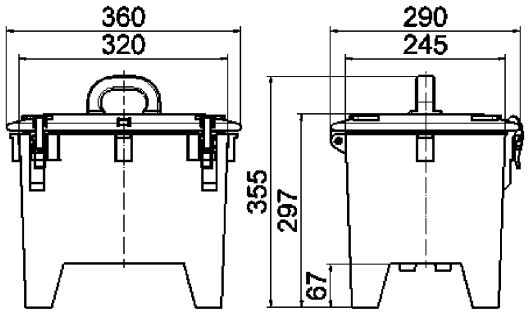
Fuse:
6 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 32A, 400V, 5p with
lead 3 m H07RN-F5G4

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Enclosure made of high-quality, impact-resistant solid rubber
- Ideally suited to tough, harsh and difficult conditions
- Robust solid-rubber handle with hook for cable
- Lockable stainless-steel quick-release fasteners
- Hinged lid, user-friendly access to protective equipment
- Stackable, foot attachment on enclosure cover
- High rubber feet to avoid dirt at floor level



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Ref. no. **5202239**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry/inlet:
CEE plug 63A, 400V, 5p with
lead 2 m H07RN-F5G10

Ref. no. **5202240**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry/inlet:
CEE plug 63A, 400V, 5p with
lead 3 m H07RN-F5G10

Ref. no. **524443**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
3 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 Neozed D01, 1p
3 Neozed D01, 3p

Cable entry/inlet:
CEE plug 32A, 400V, 5p with
lead 3 m H07RN-F5G4

Ref. no. **522167**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
3 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
2 Neozed D01, 1p
3 Neozed D01, 3p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **521828**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
4 CEE sockets 32A, 400V, 5p

Fuse:
4 Neozed D01, 1p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **5202241**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry/inlet:
CEE inlet 63A, 400V, 5p

Combinations

Solid-Rubber distributor, portable

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **524446**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
2 Neozed D01, 1p
1 Neozed D01, 3p
1 Neozed D02, 3p
1 RCCB 63/0.03A, 4p

Cable entry/inlet:
CEE plug 63A, 400V, 5p with
lead 3 m H07RN-F5G10

Ref. no. **5202242**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
6 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry/inlet:
CEE plug 63A, 400V, 5p with
lead 2 m H07RN-F5G16

Ref. no. **5202469**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
6 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry/inlet:
CEE inlet 63A, 400V, 5p

Ref. no. **5202243**

Components:
8 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE plug 32A, 400V, 5p with
lead 3 m H07RN-F5G4

Ref. no. **5202244**

Components:
8 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Fuse:
4 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry/inlet:
CEE inlet 32A, 400V, 5p

Ref. no. **5201003**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Fuse:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry/inlet:
CEE inlet 63A, 400V, 5p

Ref. no. **5202245**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p

Fuse:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry/inlet:
CEE plug 63A, 400V, 5p with
lead 3 m H07RN-F5G10

Ref. no. **5202470**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
2 CEE sockets 32A, 400V, 5p

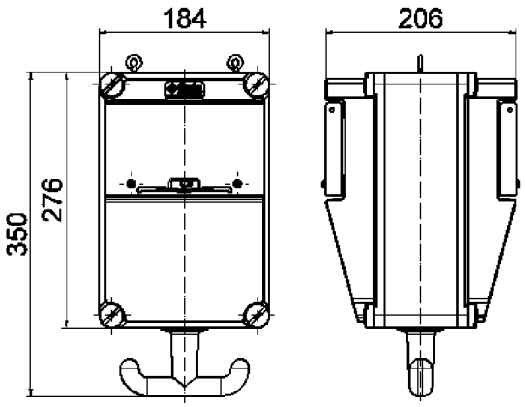
Fuse:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
2 C-type MCBs 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry/inlet:
CEE inlet 63A, 400V, 5p

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Enclosure made of high-grade, impact-resistant plastic
- Hinged window can optional be locked and lead-sealed
- 9 modules can be installed on each enclosure side
- Hinged lid
- Handle bracket in signal yellow



30 MB 186

Ref. no. **572567**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry:
1x M40

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **574339**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry:
1x M40

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **573671**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)

Protection:
6 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry:
1 x M32

Connection option:
for 1 cable up to 5 x 16 mm²

Ref. no. **572551**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)

Protection:
4 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

Cable entry:
1x M32

Connection option:
for 1 cable up to 5 x 25 mm²

Ref. no. **572185**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Protection:
3 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry:
1x M32

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **574420**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 compressed air connection:
Input: 1/2" pipe with external thread
Output: 1/2" quick-release connector

Protection:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p

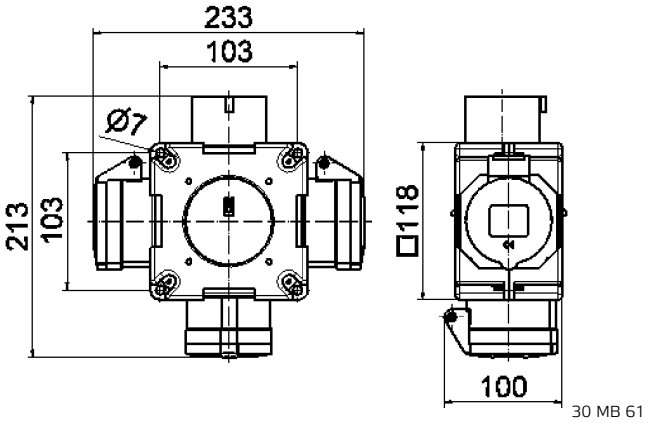
Cable entry:
1x M32

Connection option:
for 1 cable up to 5 x 10 mm²

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Enclosure made of high-grade, impact-resistant plastic
- Small, compact design
- Variable configuration
- Hanging bracket made of V2A stainless steel



30 MB 61

Ref. no. **54655**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 230V, 3p

Cable entry/Input:
1 CEE inlet 16A, 230V, 3p

Ref. no. **54657**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry/Input:
1 CEE plug 16A, 400V, 5p with
1.5 m cable H07RN-F5G2,5

Ref. no. **54880**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry/Input:
1x M25

Connection option:
for 1 cable up to 5x 2.5 mm²

Ref. no. **54568**

Components:
3 CEE sockets 16A, 230V, 3p

Cable entry/Input:
1 CEE plug 16A, 230V, 3p with
1.5 m cable H07RN-F3G2,5

Ref. no. **54566**

Components:
3 CEE sockets 16A, 230V, 3p

Cable entry/Input:
1 CEE inlet 16A, 230V, 3p

Ref. no. **54569**

Components:
3 CEE sockets 16A, 400V, 5p

Cable entry/Input:
1 CEE plug 16A, 400V, 5p with
1.5 m cable H07RN-F5G2,5

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **546**

Components:
3 CEE sockets 16A, 400V, 5p

Cable entry/Input:
1 CEE inlet 16A, 400V, 5p

Ref. no. **54567**

Components:
3 CEE sockets 32A, 400V, 5p

Cable entry/Input:
1 CEE inlet 32A, 400V, 5p

Ref. no. **54740**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry/Input:
1x M25

Connection option:
for 1 cable up to 5x 2.5 mm²

Ref. no. **54929**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)

Cable entry/Input:
1x M25

Connection option:
for 1 cable up to 5x 2.5 mm²

Ref. no. **540055**

Components:
1 Domestic socket 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Cable entry/Input:
1x M25

Connection option:
for 1 cable up to 5x 2.5 mm²

Ref. no. **54741**

Components:
3 CEE sockets 16A, 230V, 3p

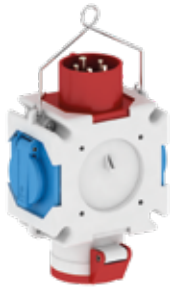
Cable entry/Input:
1x M25

Connection option:
for 1 cable up to 5x 2.5 mm²

Ref. no. **54580**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry/Input:
1 CEE inlet 16A, 400V, 5p



Ref. no. **54801**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)

Cable entry/Input:
1x M25

Connection option:
for 1 cable up to 5x 2.5 mm²

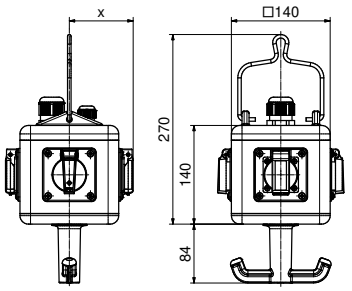
Combinations

Solid-Rubber distributor, hanging

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

- Enclosure made of high-quality, impact-resistant solid rubber
- Small, compact design
- Variable configuration
- Fuse protection and data systems safely protected behind an operating window
- Top and bottom in signal yellow
- Hanging bracket made of V2A stainless steel
- Easy connection and disconnection of loads by means of knob or handle bracket
- Unproblematic connection of supply cable by means of specially developed clamping ring



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Depth X (in mm)

Component	IP44	IP67
Operating window	90	
Domestic socket	98,5	114
CEE 16A 3p	121	127
CEE 16A 4p	123	128
CEE 16A 5p	127	130
CEE 32A 3p / 4p	130	135
CEE 32A 5p	139	139

Ref. no. **57092**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)

Cable entry:
1x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **57076**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Cable entry:
1x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **57078**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p

Cable entry:
1x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **57117**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 compressed air connection:
Input: 1/2" pipe with external thread
Output: 1/2" quick-release connector

Cable entry:
1x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **57116**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 compressed air connection:
Input: 1/2" pipe with external thread
Output: 1/2" quick-release connector

Cable entry:
1x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **57119**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
1 compressed air connection
Input: 1/2" pipe with external thread
Output: 1/2" quick-release connector

Cable entry:
1x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **571121**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 compressed air connection
Input: 1/2" hose connector NW 13 mm
Output: 1/2" two-way quick-release connector

Cable entry:
2x M25 (2 circuits)

Connection option:
for 2 cables up to 5 x 10 mm²

Ref. no. **573395**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
4 data sockets RJ45/ Cat. 6

Cable entry:
1x M25, 1x M32

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **57829**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p

Protection:
1 RCCB 40/0.03A, 4p

Cable entry:
1x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **57250**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Cable entry:
1x M25, 1x M32

Connection option:
for 2 cables up to 5 x 10 mm²

Ref. no. **576277**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 Overvoltage protection 230 LA

Cable entry:
1x M20

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **57074**

Components:
4 CEE sockets 16A, 400V, 5p

Cable entry:
1x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **571276**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)

Protection:
1 RCCB 40/0.03A, 4p

Cable entry:
1x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **570531**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 empty space for data sockets

Cable entry:
2x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Combinations

Solid-Rubber distributor, hanging

Technical information

- Wired ready for connection
- Protection degree IP44
- All distributors comply with the DIN EN 61439 / IEC 61439

Ref. no. **573143**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
2 RJ45 CAT6a below operating window, can be closed with the plugs plugged in

Cable entry:
2x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **572301**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
2 Potential equalisation plug

Cable entry:
1 x M16, 1 x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **572238**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 Emergency off

Cable entry:
1 x M20, 1 x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **570451**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)

Protection:
1 RCCB 40/0.03A, 4p

Cable entry:
1x M20

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **576282**

Components:
4 Domestic sockets 16A, 230V ~
(type F - German standard)
2 RJ45 CAT6a below operating window, can be closed with the plugs plugged in

Cable entry:
2 x M20
1 x M25 with multiple sealing insert

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **573151**

Components:
6 Domestic sockets 16A, 230V ~
(type F - German standard)
2 RJ45 CAT6a below operating window, can be closed with the plugs plugged in

Cable entry:
2x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **57360**

Components:
3 Domestic sockets 16A, 230V ~
(type F - German standard)
1 empty space for data sockets

Cable entry:
2x M25

Connection option:
for 1 cable up to 5 x 10 mm²

Ref. no. **571370**

Components:
2 Domestic sockets 16A, 230V ~
(type F - German standard)
with child protection
2 Laboratory sockets yellow/green, earth potential

2 Laboratory sockets 2x blue and 2x red
DC extra-low voltage

2 Laboratory sockets yellow, AC
extra-low voltage

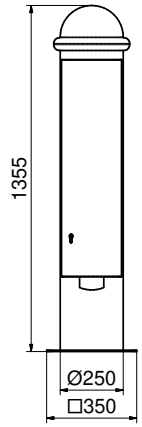
Cable entry:
4x M20

Connection option:
for 1 cable up to 3 x 10 mm²

Technical information

- Ready wired for installation

- Dimension of the bollard: 1355 x 250 mm
- Made of robust, hot-dip galvanised steel enclosure
- Ideal for safe energy distribution outdoors
- Vandal-proof owing to internally hinged door
- Lockable door with cylinder lock
- Cable outlet in door allows locking in connected state
- Safe protection of fuse elements behind operating window
- Suitable for base mounting
- RAL 7016; other colours possible on request
- Concrete base: see page 260



45 MB 19

Ref. no. **561090**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Connection option:
for 2 cables up to 5 x 25 mm²

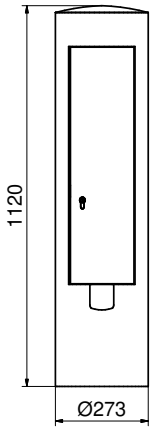
Ref. no. **562372**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
2 CEE sockets 16A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Connection option:
for 2 cables up to 5 x 25 mm²

- Dimension of the bollard: 1120 x 273 mm
- Protection degree IP44
- Made of robust, hot-dip galvanised steel enclosure
- Ideal for safe energy distribution outdoors
- Vandal-proof owing to internally hinged door
- Lockable door with cylinder lock
- Cable outlet in door allows locking in connected state
- Suitable for base mounting
- RAL 7016; other colours possible on request
- Concrete base: see page 260



45 MB 74

Ref. no. **562389**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry:
2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **562390**

Components:
3 Domestic sockets 16A, 230V ~
(Type F - German standard)

Protection:
3 C-type MCBs 16A, 1p
1 RCCB 40/0.03A, 4p

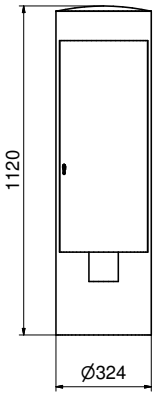
Cable entry:
2x M40

Connection option:
for 1 cable up to 5 x 10 mm²

Technical information

- Ready wired for installation

- Dimension of the bollard: 1120 x 324 mm
- Protection degree IP44
- Made of robust, hot-dip galvanised steel enclosure
- Ideal for safe energy distribution outdoors
- Vandal-proof owing to internally hinged door
- Lockable door with cylinder lock
- Cable outlet in door allows locking in connected state
- Suitable for base mounting
- RAL 7016; other colours possible on request
- Concrete base: see page 260



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Ref. no. **562391**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry:
2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **562392**

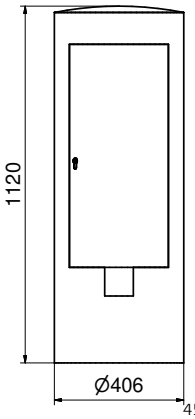
Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
2 CEE sockets 16A, 400V, 5p

Protection:
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

Cable entry:
2x M40

Connection option:
for 2 cables up to 5 x 25 mm²

- Dimension of the bollard: 1420 x 420 mm
- Protection degree IP44
- Made of robust, hot-dip galvanised steel enclosure
- Ideal for safe energy distribution outdoors
- Vandal-proof owing to internally hinged door
- Lockable door with cylinder lock
- Cable outlet in door allows locking in connected state
- Suitable for base mounting
- RAL 7016; other colours possible on request
- Concrete base: see page 260



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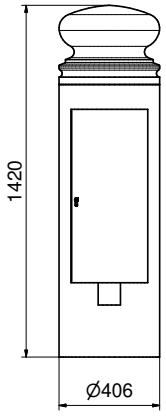


45 MB 39

Ref. no. **562366**

Components:
4 Domestic sockets 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
1 CEE socket 63A, 400V, 5p

Protection:
4 C-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 C-type MCB 63A, 3p
1 RCCB 63/0.03A, 4p

Cable entry:
2x M50

Connection option:
for 2 cables up to 5 x 25 mm²

Ref. no. **562393**

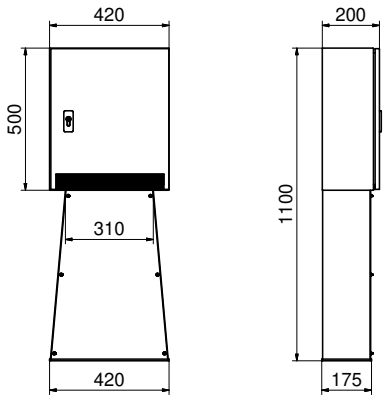
Components:
4 Domestic sockets 16A, 230V ~
(Type F - German standard)
2 CEE sockets 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Protection:
4 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry:
2x M40

Connection option:
for 2 cable up to 5 x 25 mm²

- Enclosure made of high-quality V2A stainless steel
- Brushed surface
- Door with box lock and single profile cylinder
- Wall mounting brackets, supplied loose
- Brush seal prevents dirt and dust from entering when door is closed
- Lockable in connected state
- Outgoing cables can be guided out through brush-sealed opening on front side
- Easy access to operating elements



45 MB 18

Ref. no. **560030**

Components:
2 Domestic sockets 16A, 230V ~
(Type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p

Protection:
2 B-type MCBs 16A, 1p
1 C-type MCB 16A, 3p
1 C-type MCB 32A, 3p
1 RCCB 63/0,03A, 4p

Cable entry:
1 x M25, 1 x M32, 1 x M40

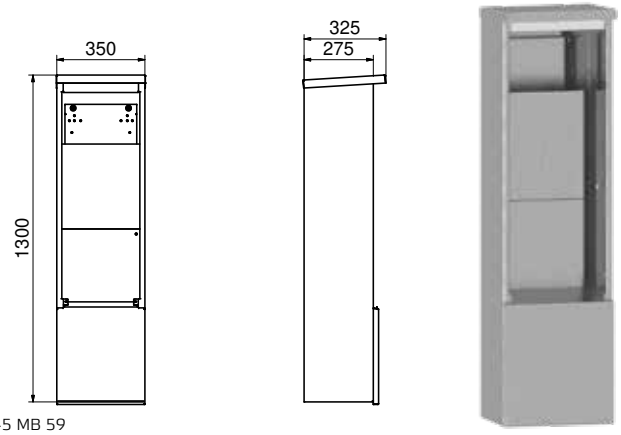
Connection option:
für 2 cables up to 5 x 25 mm²

Power-Port floor-standing distributor without door

- Housing made of high-quality V2A stainless steel
- Ground metal surface
- For VARIABOX and MODBOX-Midi
- Moveable panel for concealing cables
- Base plate suitable for pedestal mounting
- Available in different colours (optional)

Ref. no. **580589**

Mounting set for VARIABOX mounting
Order no. 581267



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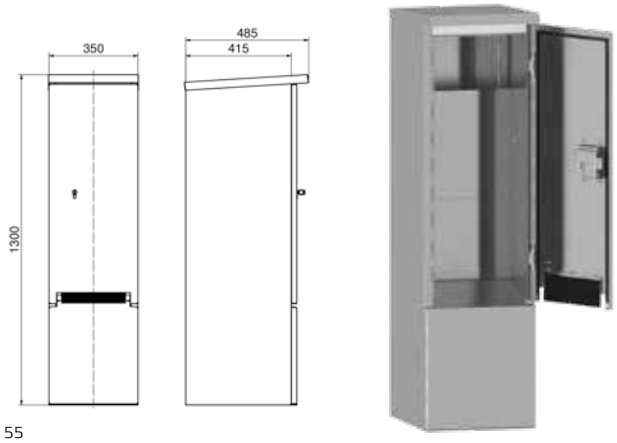
Power-Port floor-standing distributor with door

- Housing made of high-quality V2A stainless steel
- Ground metal surface
- For VARIABOX and MODBOX-Midi
- Moveable panel for concealing cables
- Base plate suitable for pedestal mounting
- Door with box lock and single profile cylinder, internal hinges
- Brush seal prevents dirt and dust from entering when door is closed
- Outgoing cables can be guided out through brush-sealed opening on front side
- Available in different colours (optional)

Ref. no. **580508**

Mounting set for VARIABOX mounting
Order no. 581267

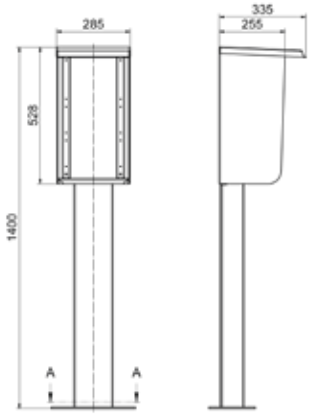


45 MB 55

Pillar with protective rain canopy

- Housing made of high-quality V2A stainless steel
- Ground metal surface
- For VARIABOX S, M und L
- Base plate suitable for pedestal mounting
- Available in different colours (optional)

Ref. no. **580860**



45 MB 64

Protective rain canopy

- Housing made of high-quality V2A stainless steel
- With side panels
- Ground metal surface
- Mounting plate for fitting VARIABOXES
- Available in RAL colours (optional)

Ref. no. **580511**
- for VARIABOX S,M,L
- Dimensions: 545 x 286 x 328 mm

Ref. no. **580529**
- for VARIABOX XL,XXL
- Dimensions: 792 x 286 x 328 mm

Ref. no. **580521**
- for VARIABOX L-DUO, XL-DUO
- Dimensions: 662 x 516 x 328 mm

Weather protection for EVOBOX distributor

- available for all EVOBOX sizes
- individually adapted to the distributor
- Black side walls, transparent front and back walls

On request

Concrete Base

- for ground/floor attachment for Power-Ports

Ref. no. **58370**

Ground Anchor

- for ground/floor attachment for Distribution bollards

Ref. no. **581323**
- for Distribution bollards ø273mm

Ref. no. **581324**
- for Distribution bollards ø324mm

Ref. no. **581325**
- for Distribution bollards ø420mm

Cable gland

- Black
- Protection degreee IP67

	Thread	Sealing range	Ref. no.
	M12	3-6 mm	**580647**
	M20	8-13 mm	**580648**
	M25	11-17 mm	**580649**
	M32	15-21 mm	**580650**
	M40	19-28 mm	**580651**
Multiple sealing insert	für M25	2x8 mm	**580652**
	für M32	4x8 mm	**580653**
Sealing plug for multiple sealing insert Packaging unit 100 pieces			**581273**

Cable gland with pressure equalisation

The use of pressure equalisation cable glands allows the internal pressure to adjust to the ambient pressure. The type-tested protection degree of the enclosure is fully retained. Temperature fluctuations, intense sunlight, or a sudden change in weather can cause condensation to form in combination enclosures. Basically, condensation can form in all sealed solid-rubber distributors. The higher the protection degree is, the more likely the formation of condensation will be.
We therefore recommend, especially in the case of distributors with protection degree IP67, the use of pressure equalisation cable glands.

- Minimised condensation formation and therefore reduction in downtimes and time-consuming and expensive repair work
- No expensive and high-maintenance ventilation technology required
- No drip holes which reduce the level of protection
- With air ducts for pressure equalisation
- Black
- Protection degree IP67

Thread	Sealing range	Ref. no.
M20	6-13 mm	**580656**
M25	9-17 mm	**580657**
M32	13-21 mm	**580658**
M40	16-28 mm	**580659**

Mounting set

- For VARIABOX S - XL, MODBOX and MODBOX-Midi
- Consisting of:
  4 screws 6 x 60 mm
  4 screw anchors 8 x 51 mm

Ref. no. **580640**

- For VARIABOX XXL
- Consisting of:
  6 screws 6 x 60 mm
  6 screw anchors 8 x 51 mm

Ref. no. **580727**

Lock set

- For OTC window
- With long shackle and 2 keys
-

Ref. no. **580642**

Closing cylinder

- For operation window
- With closing cylinder and 2 keys

Ref. no. **58037-BE**

Portable stand

- Hot-dip galvanised steel tubing
- Folding
- Weight 4 kg
- Dimensions: 350/570 x 780 x 540 mm (W x H x D)

Ref. no. **580643**
- For VARIABOX M, L, XL

Ref. no. **580721**
- For MODBOX and MODBOX-Midi

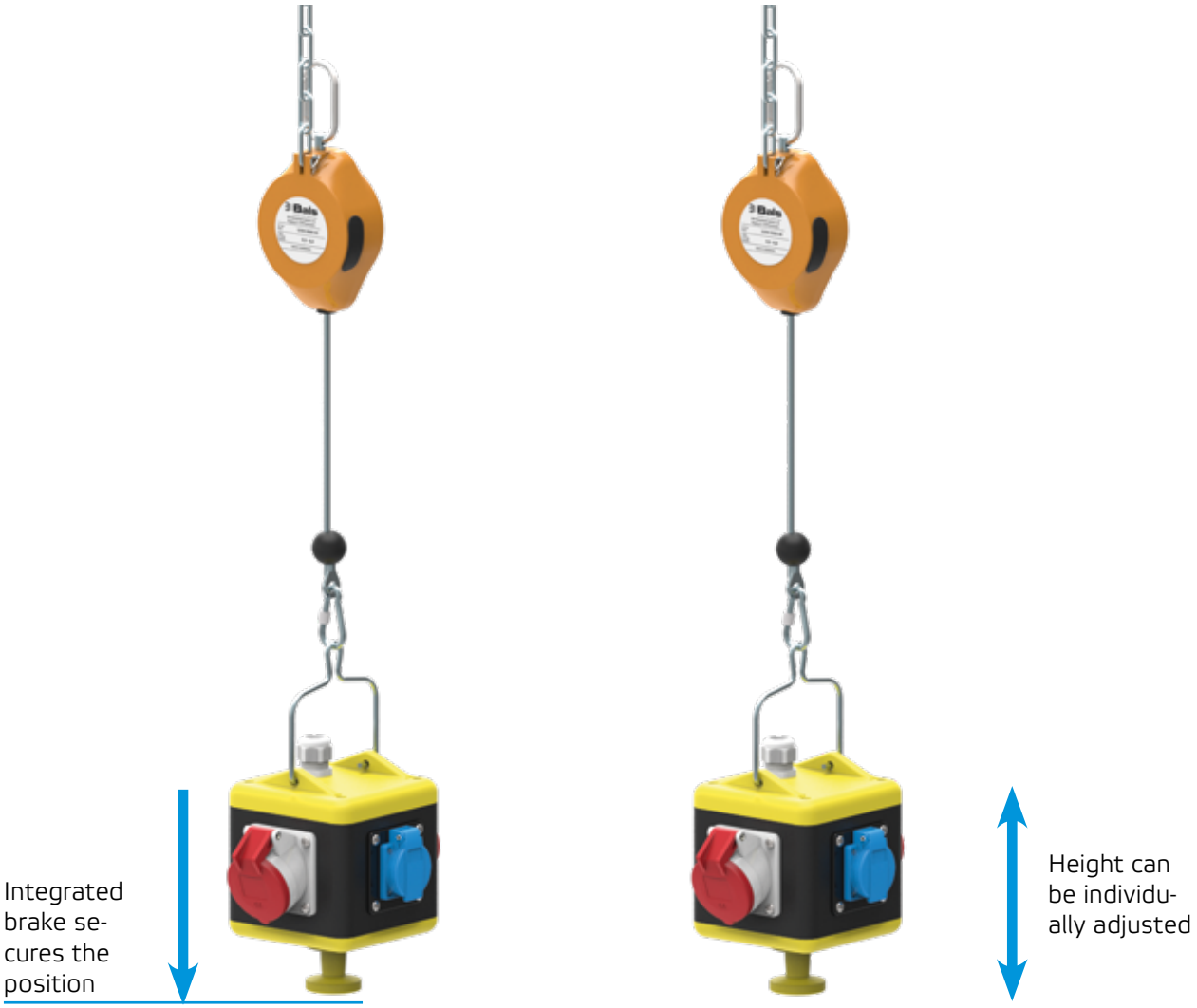
Hanging unit

- For VARIABOX M and L
- Colour yellow, RAL 1023

Ref. no. **580641**

Positioners

The positioner is an effective helper in the area of workplace ergonomics: it finally enables the simple, height-variable positioning of supply units. The smooth-running height adjustment facilitates an ergonomic provision of the power supply. The braking force can be simply adjusted using the adjustment screw located on the side. With this product, you can position the Bals power distributors even more easily and more flexibly in their application area. Simply lifting or pulling down is enough to individually adjust the height.



With the positioner, the risk of injury posed by hanging supply units is greatly minimised. Depending on the use, the height of the suspended unit can be conveniently varied. The integrated brake ensures that the position is securely held in place – even if the the weight is changed, e.g., by plugging in or unplugging compressed air hoses. The housing, manufactured from a special plastic, is extremely impact resistant and is, thus, also suitable for use in very harsh production environments.

1 Safety suspension

2 Fall protection

3 Nameplate

4 Elastic cable stop buffer

5 Cover (adjustment screw for brake)

6 Load hook

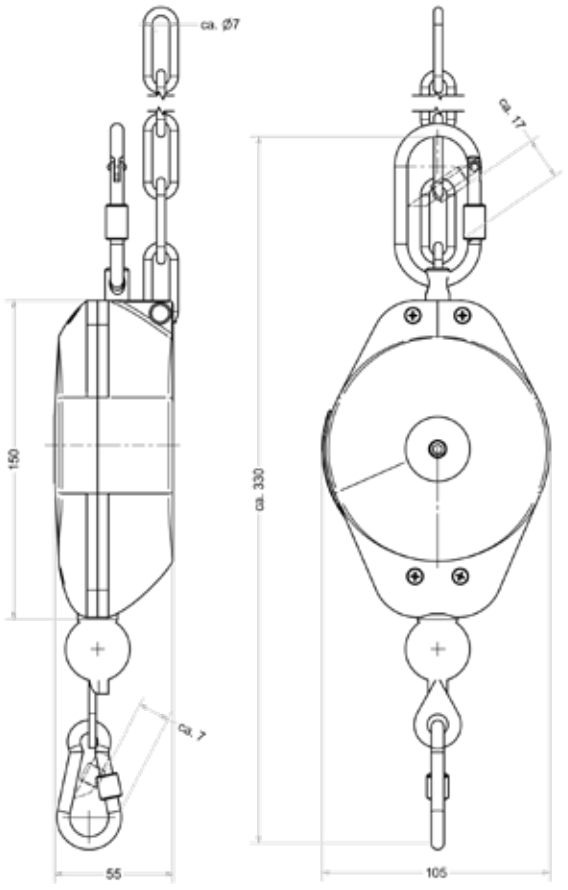
Version:
Housing made of extremely impact-resistant special plastic Load attached via secure screw-type spring hook Braking force adjustable via adjustment screw located on the side

Safety device:
- Fall protection equipped as standard
- Riveted special spring for retracting the suspension rope
- Isolated suspension
- Very dimensionally stable construction

Technical parameters:
- Net weight: 0.8 kg
- Cable travel: 1.5 meters

Ref. No. **581219**
- **Braking force: 0.5 - 6.0 kg**

Ref. No. **581433**
- **Braking force: 2.0 - 7.0 kg**



Plugs and Sockets 7-pole

Surface Mounting Socket Outlets

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Panel Mounting Socket Outlets

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Plugs / Inlets

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Connectors

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Plugs and Sockets Special 1h Grounding Position

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Panel Mounting Socket Outlets

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Plugs and Sockets Extra-Low Voltage

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Plugs and Sockets DC

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Plugs and Sockets 5h Grounding Position

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High-Current Plugs and Sockets Above 125A

Surface Mounting Socket Outlets

Page 191

Plugs / Inlets

Page 191

Technical information

- For plugs and sockets: polarity switchover circuits / star-delta circuit

Surface Mounting Socket Outlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Cable entry 1x at top (open), 2x at bottom (closed)
- Base rotatable by 180°
- 4 mounting holes in enclosure base
- Protection degree IP44

11481

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**11480**	**11481**	10	375
32	7	**11482**	**11483**	10	455

Panel Mounting Socket Outlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Flange 75 x 75 mm
- Protection degree IP44

13329

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**13326**	**13327**	10	195
32	7	**13328**	**13329**	10	270

Panel Mounting Socket Outlet TE

- Screw terminals
- 20° angled
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Flange 100 x 92 mm
- Protection degree IP44

12393

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**12390**	**12391**	10	215
32	7	**12392**	**12393**	10	290

Plug TE with MULTI-GRIP

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

MULTI-GRIP

210067

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**210550**	**21557**	10	220
32	7	**210636**	**210067**	10	345

Surface Mounting Appliance Inlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

24196

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**24193**	**24194**	10	340
32	7	**24195**	**24196**	10	420

Technical information

- For plugs and sockets: polarity switchover circuits / star-delta circuit

Connector TE with MULTI-GRIP

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

MULTI-GRIP

310123

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**310311**	**31752**	10	250
32	7	**310381**	**310123**	10	395

Surface Mounting Socket Outlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

11542

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**11634**	**11542**	1	495

Surface Mounting Socket Outlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

11714

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
32	7	**11635**	**11714**	1	875

Panel Mounting Socket Outlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Flange 75 x 75 mm
- Protection degree IP67

13333

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**13330**	**13331**	10	230
32	7	**13332**	**13333**	10	320

Panel Mounting Socket Outlet TE

- Screw terminals
- 20° angled
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Flange 100 x 92 mm
- Protection degree IP67

12397

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**12394**	**12395**	10	245
32	7	**12396**	**12397**	10	335

Technical information

- For plugs and sockets: polarity switchover circuits / star-delta circuit

Plug TE with MULTI-GRIP

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP67

MULTI-GRIP

21669

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**21711**	**21667**	10	255
32	7	**21712**	**21669**	10	405

Connector TE with MULTI-GRIP

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP67

MULTI-GRIP

31515

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**31512**	**31513**	10	295
32	7	**31514**	**31515**	10	465

Surface Mounting Socket Outlet TE

- High-temperature-resistant contact carrier
- Nickel plated contacts
- Switched
- Lockable in 0-position
- Protection degree IP44

16374

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**16441**	**16374**	1	1105

Surface Mounting Socket Outlet TE

- High-temperature-resistant contact carrier
- Nickel plated contacts
- Switched
- With mechanical double interlocking
- Lockable in 0-position
- Protection degree IP44

16378

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**16445**	**16378**	1	220
32	7		**160438**	1	345

Surface Mounting Socket Outlet TE

- High-temperature-resistant contact carrier
- Nickel plated contacts
- Switched
- With mechanical double interlocking
- Lockable in 0-position
- Protection degree IP67

16380

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**16447**	**16380**	1	1120
32	7		**160087**	1	1975

Technical information

- For plugs and sockets: polarity switchover circuits / star-delta circuit

Panel Mounting Appliance Inlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

26002

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**26012**	**26013**	10	200
32	7	**26001**	**26002**	10	300

Panel Mounting Appliance Inlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

26006

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**26003**	**26004**	10	275
32	7	**26005**	**26006**	10	350

Panel Mounting Appliance Inlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

27120

Ampere	6p+E Poles	230V 50-60 Hz 7pol 9h	400V 50-60 Hz 7pol 6h	Qty	g each
16	7	**27117**	**27118**	10	240
32	7	**27119**	**27120**	10	410

Technical information - IEC 60309, EN 60309, VDE 0623

Surface Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Kontex contact
- Nickel plated contacts
- Cable entry 1x at top (open) and 1x at bottom (closed) for 16A 3p
- Cable entry 1x at top (open), 2x at bottom (closed) for 16A 4p - 32A 5p
- Base rotatable by 180°
- Protection degree IP44

QUICK CONNECT

110579

2P+E Ampere	3P+E Poles	3+N+E	>50 - 500V 3pol 1h	4pol 1h	5pol 1h	Qty	g Each
16	3		**110577**			10	185
16	4		**110353**			10	305
16	5		**110394**			10	330
32	4		**110578**			10	370
32	5		**110579**			10	380

Surface Mounting Socket Outlet TE

- Cable entry 1x at top (open), 2x at bottom (closed) for 63A
- Cable entry M50 from above for 125A
- Base rotatable by 180° for 63A
- High-temperature-resistant contact carrier
- Kontex contact
- Box terminals
- Nickel plated contacts
- Protection degree IP44 for 63A, IP67 for 125A

11889

110140

2P+E Ampere	3P+E Poles	3+N+E	>50 - 500V 3pol 1h	4pol 1h	5pol 1h	Qty	g Each
63	5		**11889**			5	825
125	5		**110140**			1	2085

Panel Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Flange 75 x 75 mm
- Protection degree IP44

QUICK CONNECT

130278

2P+E Ampere	3P+E Poles	3+N+E	>50 - 500V 3pol 1h	4pol 1h	5pol 1h	Qty	g Each
16	3		**130277**			10	110
16	4		**130077**			10	130
16	5		**130278**			10	170
32	4		**130040**			10	205
32	5		**13822**			10	225

Panel Mounting Socket Outlet TE

- Screw terminals
- Flange 107 x 100 for 63A
- Flange 120 x 120 for 125A
- High-temperature-resistant contact carrier
- Kontex contact
- Box terminals
- Nickel plated contacts
- Protection degree IP44 for 63A, IP67 for 125A

130279

13613

2P+E Ampere	3P+E Poles	3+N+E	>50 - 500V 3pol 1h	4pol 1h	5pol 1h	Qty	g Each
63	5		**130279**			5	530
125	5		**13613**			5	1125

Panel Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- 20° angled
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Flange 85 x 85 mm
- Protection degree IP44

QUICK CONNECT

120256

2P+E Ampere	3P+E Poles	3+N+E	>50 - 500V 3pol 1h	4pol 1h	5pol 1h	Qty	g Each
16	3		**120442**			10	125
16	4		**120150**			10	145
16	5		**120282**			10	175
32	4		**120157**			10	235
32	5		**120256**			10	265

Technical information - IEC 60309, EN 60309, VDE 0623

Panel Mounting Socket Outlet TE

- Screw terminals
- 15º angled
- Flange 114 x 114 mm
- High-temperature-resistant contact carrier
- Kontex contact
- Box terminals
- Nickel plated contacts
- Protection degree IP44 for 63A, IP67 for 125A

120280

12689

2P+E Ampere	3P+E Poles	3+N+E	>50 - 500V 3pol 1h	4pol 1h	5pol 1h	Qty	g Each
63	5		**120280**			5	665
125	5		**12689**			5	980

Plug TE-Plus with MULTI-GRIP

- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI GRIP

21907

2P+E Ampere	3P+E Poles	3+N+E	>50 - 500V 3pol 1h	4pol 1h	5pol 1h	Qty	g Each
16	3		**210402**			10	125
16	4		**210668**			10	145
16	5		**21907**			10	180
32	4		**210358**			10	260
32	5		**210238**			10	295

Plug TE with MULTI-GRIP

- Screw terminal
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44 for 63A, IP67 for 125A

MULTI GRIP

21785

21966

2P+E Ampere	3P+E Poles	3+N+E	>50 - 500V 3pol 1h	4pol 1h	5pol 1h	Qty	g Each
63	5		**21785**			5	655
125	5		**21966**			5	1235

Surface Mounting Appliance Inlet QUICK-CONNECT TE

- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Cable entry 1x at top (open), 2x at bottom (closed)
- Base rotatable by 180º
- 4 mounting holes in enclosure base
- Suitable for through wiring
- Protection degree IP44

QUICK CONNECT

24625

2P+E Ampere	3P+E Poles	3+N+E	>50 - 500V 3pol 1h	4pol 1h	5pol 1h	Qty	g Each
16	5		**24625**			10	305
32	4		**24626**			10	380
32	5		**24627**			10	385

Surface Mounting Appliance Inlet TE

- Screw terminals
- Box terminals
- Cable entry 1x at top (open) and 2x at bottom (closed) for 63A
- Cable entry M50 from above for 125A
- Base rotatable by 180º for 63A
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44 for 63A, IP67 for 125A

24594

24241

2P+E Ampere	3P+E Poles	3+N+E	>50 - 500V 3pol 1h	4pol 1h	5pol 1h	Qty	g Each
63	5		**24594**			5	1020
125	5		**24241**			1	1235

Technical information - IEC 60309, EN 60309, VDE 0623

Connector TE-Plus with MULTI-GRIP

- Screwless terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI GRIP

310044

2P+E Ampere	3P+E Poles	3+N+E	>50 - 500V 3pol 1h	4pol 1h	5pol 1h	Qty	g Each
16	3		**310564**			10	145
16	4		**310519**			10	170
16	5		**310068**			10	200
32	4		**31779**			10	310
32	5		**310044**			10	340

Connector TE with Multi-Grip

- Screw terminal
- Box terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Protection degree IP44 for 63A, IP67 for 125A

MULTI GRIP

31627

31641

2P+E Ampere	3P+E Poles	3+N+E	>50 - 500V 3pol 1h	4pol 1h	5pol 1h	Qty	g Each
63	5		**31627**			5	670
125	5		**31641**			5	1300

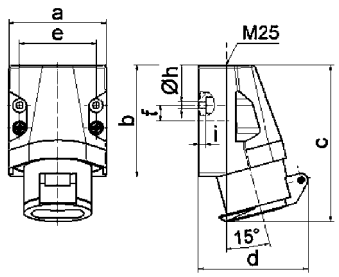
Technical information - IEC 60309, VDE 0623

Surface Mounting Socket Outlet

- Screw terminals
- Cable entry 1x at top (open)
- Protection degree IP44

Ampere	Poles	24V 50-60 Hz	42V 50-60 Hz	100-200Hz up to 50V	300Hz up to 50V	400Hz up to 50V	up to 50V	Qty	g Each
		---	12h	4h	2h	3h	10h		
16	2	**410**	**411**	**412**	**413**	**414**	**415**	10	180
16	3	**416**	**417**	**418**	**419**	**4110**	**4107**	10	195
32	2	**4111**	**4112**	**4113**	**4114**	**4115**	**4116**	10	180
32	3	**4117**	**4118**	**4119**	**4120**	**4121**	**4157**	10	195

4118



16 MB 11

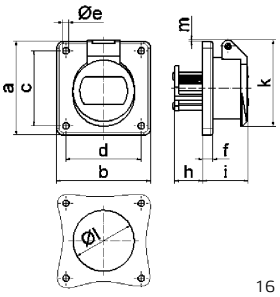
Ampere	16	16	32	32
Poles	2	3	2	3
a	70,0	70,0	70,0	70,0
b	80,0	80,0	80,0	80,0
c	113,0	113,0	113,0	113,0
d	80,0	80,0	80,0	80,0
e	55,0	55,0	55,0	55,0
f	11,0	11,0	11,0	11,0
ø h	5,2	5,2	5,2	5,2
i	5,0	5,0	5,0	5,0
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Panel Mounting Socket Outlet

- Screw terminals
- Straight
- Flange 55 x 55 mm
- Protection degree IP44

Ampere	Poles	24V 50-60 Hz	42V 50-60 Hz	100-200Hz up to 50V	300Hz up to 50V	400Hz up to 50V	up to 50V	Qty	g Each
		---	12h	4h	2h	3h	10h		
16	2	**430**	**431**	**432**	**433**	**434**	**435**	10	110
16	3	**436**	**437**	**438**	**439**	**4310**	**4390**	10	125
32	2	**4311**	**4312**	**4313**	**4314**	**4315**	**4316**	10	110
32	3	**4317**	**4318**	**4319**	**4320**	**4321**		10	125

4318



16 MB 13

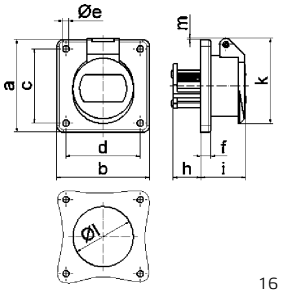
Ampere	16	16	32	32
Poles	2	3	2	3
a	55,0	55,0	55,0	55,0
b	55,0	55,0	55,0	55,0
c	45,0	45,0	45,0	45,0
d	45,0	45,0	45,0	45,0
ø e	5,2	5,2	5,2	5,2
f	6,0	6,0	6,0	6,0
h	22,0	22,0	22,0	22,0
i	37,0	37,0	37,0	37,0
k	67,0	67,0	67,0	67,0
ø l	49,0	49,0	49,0	49,0
m	12,0	12,0	12,0	12,0
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Panel Mounting Socket Outlet

- Screw terminals
- Straight
- Flange 75 x 75 mm
- Protection degree IP44

Ampere	Poles	24V 50-60 Hz	42V 50-60 Hz	100-200Hz up to 50V	300Hz up to 50V	400Hz up to 50V	up to 50V	Qty	g Each
		---	12h	4h	2h	3h	10h		
16	2	**4354**	**4355**	**4356**	**4357**	**4358**	**4359**	10	130
16	3	**4360**	**4361**	**4362**	**4363**	**4364**	**43003**	10	150
32	2	**4365**	**4366**	**4367**	**4368**	**4369**	**4370**	10	130
32	3	**4371**	**4372**	**4373**	**4374**	**4375**		10	150

4372



16 MB 47

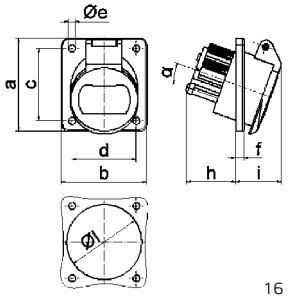
Ampere	16	16	32	32
Poles	2	3	2	3
a	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0
ø e	5,2	5,2	5,2	5,2
f	6,0	6,0	6,0	6,0
h	22,0	22,0	22,0	22,0
i	37,0	37,0	37,0	37,0
k	67,0	67,0	67,0	67,0
ø l	49,0	49,0	49,0	49,0
m	2,0	2,0	2,0	2,0
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Technical information - IEC 60309, VDE 0623

Panel Mounting Socket Outlet
- Screw terminals
- 20º angled
- Flange 68 x 62 mm
- Protection degree IP44

Ampere	Poles	24V 50-60 Hz ---	42V 50-60 Hz 12h	100-200Hz up to 50V 4h	300Hz up to 50V 2h	400Hz up to 50V 3h	up to 50V 10h	Qty	g Each
16	2	**420**	**421**	**422**	**423**	**424**	**425**	10	115
16	3	**426**	**427**	**428**	**429**	**4210**		10	135
32	2	**4211**	**4212**	**4213**	**4214**	**4215**	**4216**	10	115
32	3	**4217**	**4218**	**4219**	**4220**	**4221**	**4274**	10	135

4218



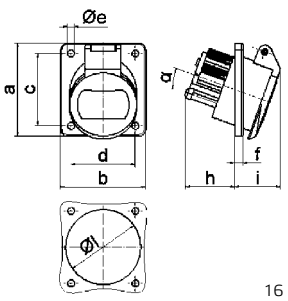
16 MB 12

Ampere	16	16	32	32
Poles	2	3	2	3
a	68,0	68,0	68,0	68,0
b	62,0	62,0	62,0	62,0
c	53,0	53,0	53,0	53,0
d	47,0	47,0	47,0	47,0
ø e	5,2	5,2	5,2	5,2
f	6,0	6,0	6,0	6,0
h	36,0	36,0	36,0	36,0
i	35,0	35,0	35,0	35,0
α	20º	20º	20º	20º
ø l	55,0	55,0	55,0	55,0
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Panel Mounting Socket Outlet
- Screw terminals
- 20º angled
- Flange 100 x 92 mm
- Protection degree IP44

Ampere	Poles	24V 50-60 Hz ---	42V 50-60 Hz 12h	100-200Hz up to 50V 4h	300Hz up to 50V 2h	400Hz up to 50V 3h	up to 50V 10h	Qty	g Each
16	2	**4222**	**4223**	**4224**	**4225**	**4226**	**4227**	10	150
16	3	**4228**	**4229**	**4230**	**4231**	**4232**		10	165
32	2	**4233**	**4234**	**4235**	**4236**	**4237**	**4238**	10	150
32	3	**4239**	**4240**	**4241**	**4242**	**4243**		10	165

4240



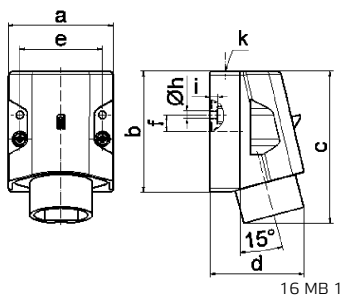
16 MB 48

Ampere	16	16	32	32
Poles	2	3	2	3
a	100,0	100,0	100,0	100,0
b	92,0	92,0	92,0	92,0
c	85,0	85,0	85,0	85,0
d	77,0	77,0	77,0	77,0
ø e	5,2	5,2	5,2	5,2
f	6,0	6,0	6,0	6,0
h	36,0	36,0	36,0	36,0
i	35,0	35,0	35,0	35,0
α	20º	20º	20º	20º
ø l	55,0	55,0	55,0	55,0
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Surface Mounting Socket Outlet
- Screw terminals
- Protection degree IP44

Ampere	Poles	24V 50-60 Hz ---	42V 50-60 Hz 12h	100-200Hz up to 50V 4h	300Hz up to 50V 2h	400Hz up to 50V 3h	up to 50V 10h	Qty	g Each
16	2	**460**	**461**	**462**	**463**	**464**	**465**	10	140
16	3	**466**	**467**	**468**	**469**	**4610**		10	165
32	2	**4611**	**4612**	**4613**	**4614**	**4615**	**4616**	10	140
32	3	**4617**	**4618**	**4619**	**4620**	**4621**		10	165

4619



16 MB 15

Ampere	16	16	32	32
Poles	2	3	2	3
a	70,0	70,0	70,0	70,0
b	80,0	80,0	80,0	80,0
c	100,0	100,0	100,0	100,0
d	82,0	82,0	82,0	82,0
e	55,0	55,0	55,0	55,0
f	11,0	11,0	11,0	11,0
ø h	5,2	5,2	5,2	5,2
i	5,0	5,0	5,0	5,0
k	M25	M25	M25	M25
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Technical information - IEC 60309, VDE 0623

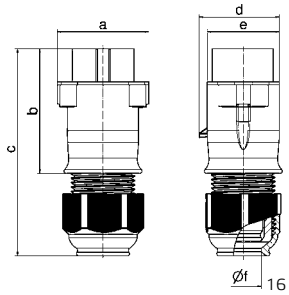
Plug with MULTI-GRIP

- Screw terminals
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

MULTI-GRIP

Ampere	Poles	24V 50-60 Hz ---	42V 50-60 Hz 12h	100-200Hz up to 50V 4h	300Hz up to 50V 2h	400Hz up to 50V 3h	up to 50V 10h	Qty	g Each
16	2	**4422**	**4423**	**4424**	**4425**	**4426**	**4427**	10	125
16	3	**4428**	**4429**	**4430**	**4431**	**4432**	**4481**	10	160
32	2	**4433**	**4434**	**4435**	**4436**	**4437**	**4438**	10	125
32	3	**4439**	**4440**	**4441**	**4442**	**4443**		10	160

4441



16 MB 43

Ampere	16	16	32	32
Poles	2	3	2	3
a	62,0	62,0	62,0	62,0
b	85,0	85,0	85,0	85,0
c	140,0	140,0	140,0	140,0
d	55,0	55,0	55,0	55,0
e	50,0	50,0	50,0	50,0
ø f	24,5	24,5	24,5	24,5
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

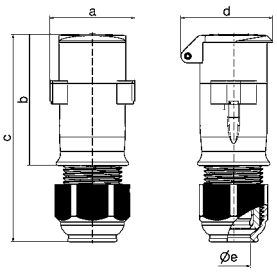
Connector with MULTI-GRIP

- Screw terminals
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

MULTI-GRIP

Ampere	Poles	24V 50-60 Hz ---	42V 50-60 Hz 12h	100-200Hz up to 50V 4h	300Hz up to 50V 2h	400Hz up to 50V 3h	up to 50V 10h	Qty	g Each
16	2	**4522**	**4523**	**4524**	**4525**	**4526**	**4527**	10	185
16	3	**4528**	**4529**	**4530**	**4531**	**4532**	**45044**	10	205
32	2	**4533**	**4534**	**4535**	**4536**	**4537**	**4538**	10	185
32	3	**4539**	**4540**	**4541**	**4542**	**4543**		10	205

4541



16 MB 44

Ampere	16	16	32	32
Poles	2	3	2	3
a	62,0	62,0	62,0	62,0
b	96,0	96,0	96,0	96,0
c	152,0	152,0	152,0	152,0
d	67,0	67,0	67,0	67,0
ø e	24,5	24,5	24,5	24,5
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

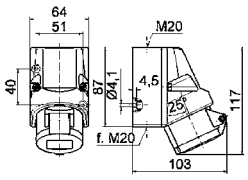
Reducer

- Suitable for cables less than Ø 8 mm
- For all 16A standard plugs and sockets with Multi-Grip as well as extra-low voltage

Ref. no.
29129

Technical information - IEC 60309, EN 60309, VDE 0623

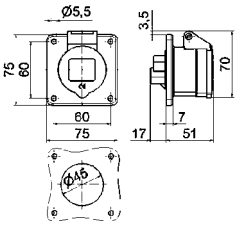
Surface Mounting Socket Outlet
- Screw terminals
- Protection degree IP44



1 MB 35

Ampere	2p+E Poles	>50V up to 250V 3pol 3h	>250V 3pol 8h	Qty	g Each
16	3	**11032**		10	200

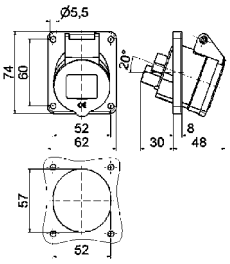
Panel Mounting Socket Outlet
- Screw terminals
- Straight
- Protection degree IP44



4 MB 74

Ampere	2p+E Poles	>50V up to 250V 3pol 3h	>250V 3pol 8h	Qty	g Each
16	3	**13070**		10	120

Panel Mounting Socket Outlet
- Screw terminals
- Angled
- Protection degree IP44

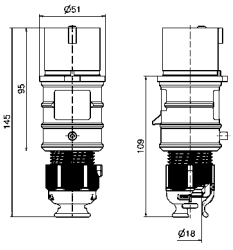


4 MB 73

Ampere	2p+E Poles	>50V up to 250V 3pol 3h	>250V 3pol 8h	Qty	g Each
16	3	**12144**		10	130

Plug TE-Plus with MULTI-GRIP
- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI GRIP

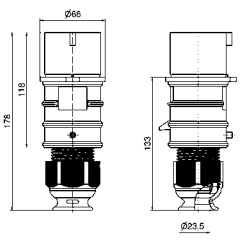


21868 2 MB 220

Ampere	2p+E Poles	>50V up to 250V 3pol 3h	>250V 3pol 8h	Qty	g Each
16	3	**21868**	**21882**	10	125

Plug TE-Plus with MULTI-GRIP
- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI GRIP



21869 2 MB 221

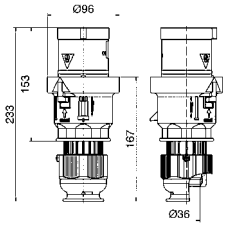
Ampere	2p+E Poles	>50V up to 250V 3pol 3h	>250V 3pol 8h	Qty	g Each
32	3	**21869**	**21876**	10	240

Technical information - IEC 60309, EN 60309, VDE 0623

Plug TE with MULTI-GRIP

- Screw terminals
- Nickel plated contacts
- Screwless enclosure connection, self locking
- Special gland, simultanous cable gland and seal
- Protection degree IP44

MULTI-GRIP



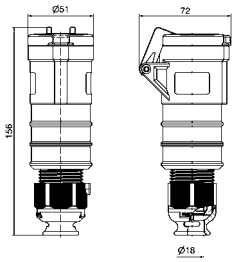
2 MB 226

Ampere	2p+E Poles	>50V up to 250V 3pol 3h	>250V 3pol 8h	Qty	g Each
63	3	**21706**		5	535

Connector TE-Plus with MULTI-GRIP

- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI-GRIP

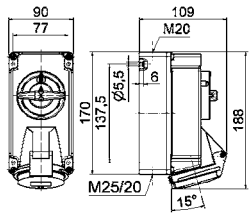


3 MB 123

Ampere	2p+E Poles	>50V up to 250V 3pol 3h	>250V 3pol 8h	Qty	g Each
16	3	**31677**		10	145

Surface Mounting Socket Outlet

- Screw terminals
- Nickel plated contacts
- Switched
- With mechanical double interlocking
- Lockable in 0-position
- Protection degree IP44

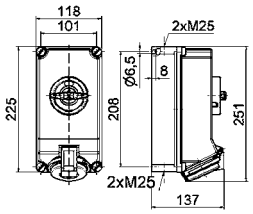


12 MB 29

Ampere	2p+E Poles	>50V up to 250V 3pol 3h	>250V 3pol 8h	Qty	g Each
16	3	**16449**		1	575

Surface Mounting Socket Outlet

- Screw terminals
- Nickel plated contacts
- Switched
- With mechanical double interlocking
- Lockable in 0-position
- Protection degree IP44



12 MB 28

Ampere	2p+E Poles	>50V up to 250V 3pol 3h	>250V 3pol 8h	Qty	g Each
32	3	**16450**		1	1215

Technical information - IEC 60309, EN 60309, VDE 0623

Surface Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- Cable entry 1x at top (open), 2x at bottom (closed)
- Base rotatable by 180º
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT

110582

3P+E Ampere	3+N+E Poles	600-690V 50 + 60Hz 4pol 5h	5pol 5h	Qty	g Each
16	4	**110580**		10	315
16	5	**110581**		10	330
32	4	**110481**		10	380
32	5	**110582**		10	380

Surface Mounting Socket Outlet TE

- Cable entry 1x at top (open), 2x at bottom (closed) for 63A
- Base rotatable by 180º for 63A
- Cable entry 1x M50 from above for 125A
- High-temperature-resistant contact carrier
- Kontex contact
- Box terminals
- Nickel plated contacts
- Protection degree IP44 for 63A, IP67 for 125A

110583

110328

3P+E Ampere	3+N+E Poles	600-690V 50 + 60Hz 4pol 5h	5pol 5h	Qty	g Each
63	4	**11334**		5	795
63	5	**110583**		5	830
125	4	**11019**		1	1975
125	5	**110328**		1	2085

Panel Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Flange 75 x 75 mm
- Protection degree IP44

QUICK CONNECT

130283

3P+E Ampere	3+N+E Poles	600-690V 50 + 60Hz 4pol 5h	5pol 5h	Qty	g Each
16	4	**130280**		10	150
16	5	**130281**		10	170
32	4	**130282**		10	230
32	5	**130283**		10	250

Panel Mounting Socket Outlet TE

- Screw terminals
- Flange 107 x 100 for 63A
- Flange 120 x 120 for 125A
- High-temperature-resistant contact carrier
- Kontex contact
- Box terminals
- Nickel plated contacts
- Protection degree IP44 for 63A, IP67 for 125A

13849

130055

3P+E Ampere	3+N+E Poles	600-690V 50 + 60Hz 4pol 5h	5pol 5h	Qty	g Each
63	4	**13075**		5	445
63	5	**13849**		5	490
125	4	**130232**		5	1005
125	5	**130055**		5	1110

Panel Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- 20º angled
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Flange 85 x 85 mm
- Protection degree IP44

QUICK CONNECT

120277

3P+E Ampere	3+N+E Poles	600-690V 50 + 60Hz 4pol 5h	5pol 5h	Qty	g Each
16	4	**120368**		10	135
16	5	**120275**		10	150
32	4	**120336**		10	200
32	5	**120277**		10	245

Technical information - IEC 60309, EN 60309, VDE 0623

Panel Mounting Socket Outlet TE

- Screw terminals
- 15º angled
- Flange 114 x 114 mm
- High-temperature-resistant contact carrier
- Kontex contact
- Box terminals
- Nickel plated contacts
- Protection degree IP44 for 63A, IP67 for 125A

12251

12065

Ampere	Poles	600-690V 50 + 60Hz 4pol 5h	600-690V 50 + 60Hz 5pol 5h	Qty	g Each
63	4	**12275**		5	460
63	5	**12251**		5	500
125	4	**12034**		5	965
125	5	**12065**		5	980

Plug TE-Plus

- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI GRIP

210779

Ampere	Poles	600-690V 50 + 60Hz 4pol 5h	600-690V 50 + 60Hz 5pol 5h	Qty	g Each
16	4	**210628**		10	145
16	5	**210778**		10	180
32	4	**210962**		10	260
32	5	**210779**		10	310

Plug TE

- Screw terminal
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Screwless enclosure connection, self locking
- Protection degree IP44 for 63A, IP67 for 125A

MULTI GRIP

21461

21059

Ampere	Poles	600-690V 50 + 60Hz 4pol 5h	600-690V 50 + 60Hz 5pol 5h	Qty	g Each
63	4	**21515**		5	600
63	5	**21461**		5	655
125	4	**21063**		5	1125
125	5	**21059**		5	1245

Surface Mounting Appliance Inlet QUICK-CONNECT TE

- Screwless terminals
- Cable entry 1x at top (open), 2x at bottom (closed)
- Base rotatable by 180º
- 4 mounting holes in enclosure base
- Suitable for through wiring
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT

24630

Ampere	Poles	600-690V 50 + 60Hz 4pol 5h	600-690V 50 + 60Hz 5pol 5h	Qty	g Each
16	5	**24628**		10	305
32	4	**24629**		10	380
32	5	**24630**		10	385

Surface Mounting Appliance Inlet TE

- Screw terminals
- Box terminals
- Cable entry 1x at top (open) and 2x at bottom (closed) for 63A
- Cable entry M50 from above for 125A
- Base rotatable by 180º for 63A
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44 for 63A, IP67 for 125A

24632

24543

Ampere	Poles	600-690V 50 + 60Hz 4pol 5h	600-690V 50 + 60Hz 5pol 5h	Qty	g Each
63	4	**24631**		5	925
63	5	**24632**		5	975
125	4	**24250**		1	2145
125	5	**24543**		1	2245

Special Plugs and Sockets

Plugs and sockets 5h grounding position

Technical information - IEC 60309, EN 60309, VDE 0623

Connector TE-Plus

- Screwless terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI GRIP

310508

3P+E Ampere	3+N+E Poles	600-690V 50 + 60Hz 4pol 5h	600-690V 50 + 60Hz 5pol 5h	Qty	g Each
16	4	**310441**		10	170
16	5	**310507**		10	200
32	4	**310628**		10	310
32	5	**310508**		10	350

Connector TE

- Screw terminal
- Box terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Screwless enclosure connection, self locking
- Protection degree IP44 for 63A, IP67 for 125A

MULTI GRIP

31716

31266

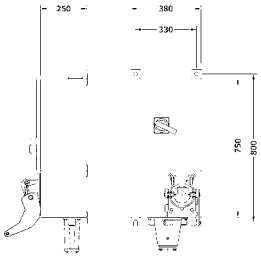
3P+E Ampere	3+N+E Poles	600-690V 50 + 60Hz 4pol 5h	600-690V 50 + 60Hz 5pol 5h	Qty	g Each
63	4	**31719**		5	625
63	5	**31716**		5	670
125	4	**31045**		5	1215
125	5	**31266**		5	1300

Technical information

- Plugs and sockets above 125A and voltages up to 25kV

Surface Mounting Socket Outlet, Switched, Electrically Interlocked

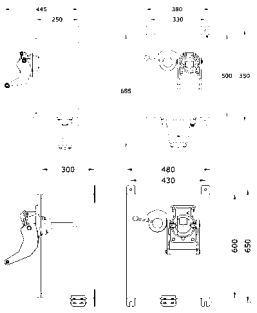
- Stainless-steel enclosure AISI 304
- With integrated main switch and socket
- Protection degree IP55



Ampere	Poles	Ref. no.	Cross section	Weight
250	4	**160467**		45,0 kg
400	4	**160468**		45,0 kg
250	5	**160576**		50,0 kg
400	5	**160470**		50,0 kg

Surface Mounting Socket Outlet, Switched, Electrically Interlocked

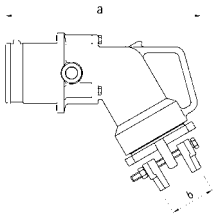
- Stainless-steel enclosure AISI 304
- With integrated main switch and socket
- Protection degree IP55



Ampere	Poles	Ref. no.	Cross section	Weight
250	4	**160471**		27,0 kg
400	4	**160472**		27,0 kg
250	5	**160473**		45,0 kg
400	5	**160474**		45,0 kg

Plug, Angled with Easy Locking System

- Metallic plugs and sockets
- External strain relief
- High-temperature-resistant contact carrier
- Silver-plated laminated contacts
- 2 internal pilot contacts for signalling and control purposes
- Plugs and sockets can be protected from dirt and dust by means of an additional protective cap
- IP66 when closed

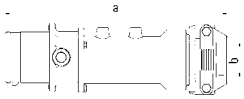


	≤250A	<250A
a	235	300
ø b	max. 55	max. 72

Ampere	Poles	Ref. no.	Cross section	Weight
160	4	**2318**	≤35	1,9 kg
200	4	**2319**	50	1,9 kg
250	4	**2320**	70	1,9 kg
320	4	**2323**	95	4,5 kg
420	4	**2311**	120/150	4,5 kg
160	5	**2321**	35	1,9 kg
200	5	**2322**	50	1,9 kg
250	5	**2324**	≤70	4,5 kg
320	5	**2316**	95	4,5 kg

Plug, Straight with Easy Locking System

- Metallic plugs and sockets
- External strain relief
- High-temperature-resistant contact carrier
- Silver-plated laminated contacts
- 2 internal pilot contacts for signalling and control purposes
- Plugs and sockets can be protected from dirt and dust by means of an additional protective cap
- IP66 when closed

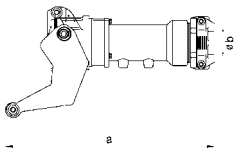


	≤250A	<250A
a	340	465
ø b	max. 55	max. 72

Ampere	Poles	Ref. no.	Cross section	Weight
160	4	**211018**	≤35	1,8 kg
200	4	**211019**	50	1,8 kg
250	4	**211020**	70	1,8 kg
320	4	**211021**	95	4,5 kg
420	4	**211022**	120/150	4,5 kg
160	5	**211023**	35	1,8 kg
200	5	**211024**	50	1,8 kg
250	5	**211025**	≤70	4,5 kg
320	5	**211026**	95	4,5 kg

Connector, Straight with Easy Locking System

- Metallic plugs and sockets
- External strain relief
- High-temperature-resistant contact carrier
- Silver-plated laminated contacts
- 2 internal pilot contacts for signalling and control purposes
- IP66 when closed



	≤250A	<250A
a	430	560
ø b	max. 55	max. 72

Ampere	Poles	Ref. no.	Cross section	Weight
160	4	**310697**	≤35	4,8 kg
200	4	**310698**	50	4,8 kg
250	4	**310318**	70	4,8 kg
320	4	**310699**	95	9,4 kg
420	4	**310700**	120/150	9,4 kg
160	5	**310701**	35	4,8 kg
200	5	**310702**	50	4,8 kg
250	5	**310703**	≤70	9,4 kg
320	5	**310704**	95	9,4 kg

Reefer Container

Surface Mounting Socket Outlets

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Plugs / Inlets

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VARIABOX

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Caravan Flushmounting Inlets

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Connectors

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Domestic Plugs and Sockets

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Extension Leads

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Technical information

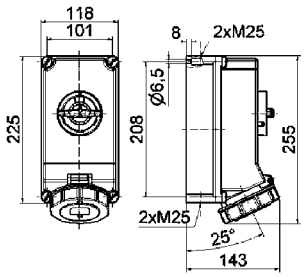
- Container operating voltage 400 - 400V, clock face position 3h
- IEC 60309, EN60309, VDE 0623
- Protection degree IP67

Surface Mounting Socket Outlet TE

- CEE socket with screwless terminals
- Switched
- With mechanical double interlocking
- Lockable in 0-position
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

QUICK CONNECT

16050



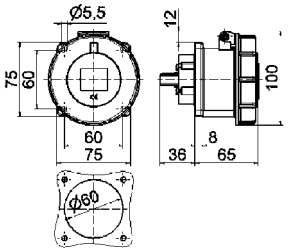
12 MB 27

Ampere	3P+E Poles	380V (50Hz) and 440V (60Hz) 3h	Qty	g each
32	4	**16050**	1	1250

Panel Mounting Socket Outlet TE

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Straight
- Protection degree IP67

13021



4 MB 71

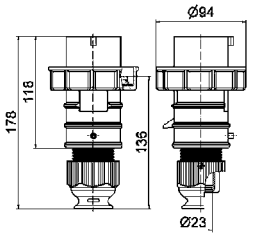
Ampere	3P+E Poles	380V (50Hz) and 440V (60Hz) 3h	Qty	g each
32	4	**130156**	10	255

Plug TE-Plus with MULTI-GRIP

- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP67

QUICK CONNECT
MULTI GRIP

210328



2 MB 111

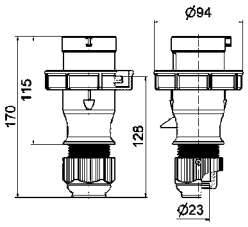
Ampere	3P+E Poles	380V (50Hz) and 440V (60Hz) 3h	Qty	g each
32	4	**2148509**	10	300

Plug with MULTI-GRIP

- One-piece enclosure
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP67

MULTI GRIP

210824



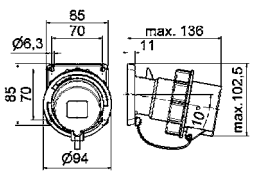
2 MB 128

Ampere	3P+E Poles	380V (50Hz) and 440V (60Hz) 3h	Qty	g each
Screw terminal				
32	4	**210824**	10	250
QUICK CONNECT				
32	4	**21232-TLQ**		

Appliance Inlet with Flange TE

- Screw terminals
- With closure cap
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

27027



5 MB 23

Ampere	3P+E Poles	380V (50Hz) and 440V (60Hz) 3h	Qty	g each
32	4	**27027**	10	345

Technical information

- Container operating voltage 400 - 400V, clock face position 3h
- IEC 60309, EN60309, VDE 0623
- Protection degree IP67

Closure Cap

- For CEE plugs
- Protection degree IP67

832

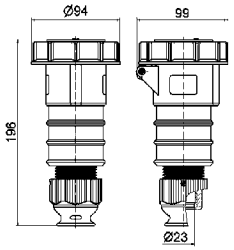
	Order no.
16A / 3p	**830**
16A / 4p	**835**
16A / 5, 7p	**831**
32A / 3p, 4p	**837**
32A / 5p, 7p	**832**
63A / 3p, 4p, 5p	**833**
125A / 3p, 4p, 5p	**834**

Connector TE-Plus with MULTI-GRIP

- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP67

QUICK CONNECT
MULTI GRIP

310426



3 MB 72

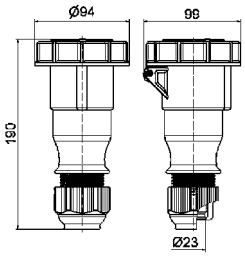
Ampere	4 3P+E Poles	380V (50Hz) and 440V (60Hz) 3h	Qty	g each
32	4	**310426**	10	390

Connector with MULTI-GRIP

- One-piece enclosure
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP67

MULTI GRIP

310567



3 MB 80

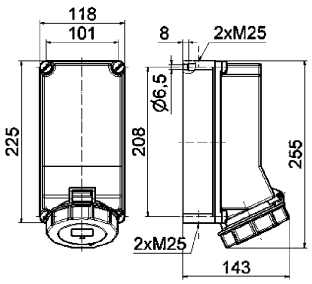
Ampere	4 3P+E Poles	380V (50Hz) and 440V (60Hz) 3h	Qty	g each
Screw terminal				
32	4	**310567**	10	334
QUICK CONNECT				
32	4	**31186-TLQ**	10	314

Surface Mounting Socket Outlet QUICK-CONNECT TE

- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

QUICK CONNECT

11556



1 MB 30

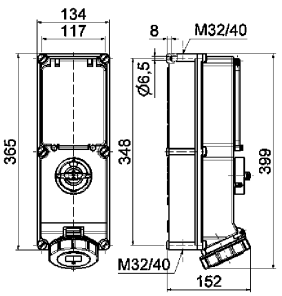
Ampere	4 3P+E Poles	380V (50Hz) and 440V (60Hz) 3h	Qty	g each
32	4	**11556**	1	805

Surface Mounting Socket Outlet TE

- CEE socket with screwless terminals
- Switched
- With mechanical double interlocking
- Hinged window
- Lockable in 0-position
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

QUICK CONNECT

17026



12 MB 26

Ampere	4 3P+E Poles	380V (50Hz) and 440V (60Hz) 3h	Qty	g each
32	4	**17026**	1	1910

Technical information

- Container operating voltage 400 - 400V, clock face position 3h
- IEC 60309, EN60309, VDE 0623
- Protection degree IP67

Test Plug

- Screw terminals
- For testing switch panel
- Nickel plated contacts
- Protection degree IP44

2298

Ampere	3P+E Poles	380V (50Hz) and 440V (60Hz) 3h	Qty	g each
32	4	**2298**	1	225

Variabox extension – switching bar:

- Perfect optical integration in the existing system
- User-friendly arrangement in the case of multiple units
- Mechanical double-interlocking
- Can be locked in the 0-position
- Nickel plated contacts
- High-temperature-resistant contact carriers
- Greater flexibility in the Variabox system landscape
- Suitable for harsh environmental conditions
- Versions in all voltages and frequencies from 16A 3-pole to 32A 5-pole
- Protection degrees IP44, IP54 and IP67

Ref. no. **896459**

Components:
1 CEE socket 32A, 400V, 4p, 3h, IP67 nickel plated contacts, with mechanical interlocking, lockable in 0-position

Fuse:
1 C-type MCB 32A, 3p
1 RCCB 40/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
2 cables up to 5 x 25 mm²

VARIABOX-M
260 x 230 mm

Ref. no. **896462**

Components:
2 CEE socket 32A, 400V, 4p, 3h, IP67 nickel plated contacts, with mechanical interlocking, lockable in 0-position

Fuse:
2 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
2 cables up to 5 x 25 mm²

VARIABOX-L
390 x 230 mm

Ref. no. **896437**

Components:
3 CEE socket 32A, 400V, 4p, 3h, IP67 nickel plated contacts, with mechanical interlocking, lockable in 0-position

Fuse:
3 C-type MCB 32A, 3p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
2 cables up to 5 x 25 mm²

VARIABOX-XL
520 x 230 mm

Ref. no. **896463**

Components:
4 CEE socket 32A, 400V, 4p, 3h, IP67 nickel plated contacts, with mechanical interlocking, lockable in 0-position

Fuse:
4 C-type MCB 32A, 3p
1 RCCB 63/0.03A, 4p

Cable entry at top and bottom:
each with 1x M12, 1x M20, 2x M40

Connection option:
2 cables up to 5 x 25 mm²

VARIABOX-L DUO
390 x 460 mm

MAN

Technical information

- Colour: bronze-green RAL 6031-F9
- IEC 60309, EN 60309, VDE 0623, VG 96919

Panel Mounting Socket Outlet QUICK-CONNECT

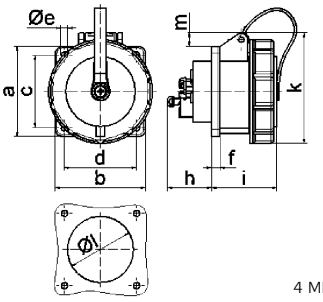
- Screwless terminals
- Straight
- Kontex contact
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Flange 75 x 75 mm
- Protection degree IP67

(Form AS)

QUICK CONNECT

Ampere	Poles		230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	400V 60 Hz 4pol 11h	400V 60 Hz 5pol 11h	301-500Hz >50V 3pol 2h	301-500Hz >50V 4pol 2h	301-500Hz >50V 5pol 2h	g each
16	3	Order no.	**13064**								**13098**			150
		Supply no. 5935-12-...	320-7272											
		VG-type-Nr. VG 96919...	AS 013								AS 039			
16	4	Order no.	**13928**			**13633**			**13929**		**13930**			170
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	AS 020			AS 018			AS 021		AS 022			
16	5	Order no.	**13189***			**13065***			**13182***		**13183***			195
		Supply no. 5935-12-...				300-5324								
		VG-type-Nr. VG 96919...	AS 002			AS 001			AS 003		AS 004			
32	3	Order no.	**13032**								**13932**			245
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	AS 042								AS 044			
32	4	Order no.	**13933**			**13634**			**13166**		**13935**			265
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	AS 025			AS 023			AS 026		AS 027			
32	5	Order no.	**13297***			**13066***			**13184***		**13175***			315
		Supply no. 5935-12-...				300-5323					321-5242			
		VG-type-Nr. VG 96919...	AS 006			AS 005			AS 007		AS 008			

13066



4 MB 125

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
Øe	5,5	5,5	5,5	5,5	5,5	5,5
f	7,0	7,0	7,0	8,0	8,0	8,0
h	35,0	35,0	35,0	50,0	50,0	50,0
i	57,0	57,0	57,0	69,0	69,0	69,0
k	77,0	83,0	93,0	98,0	98,0	107,0
øl	45,0	75,0	55,0	60,0	60,0	60,0
m	4,0	7,0	12,0	12,0	12,0	17,0
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4,0	4,0	4,0	10,0	10,0	10,0

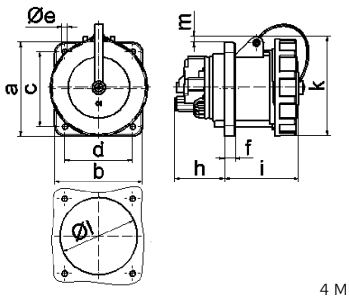
Panel Mounting Socket Outlet

- Screw terminals
- Straight
- High-temperature-resistant contact carrier
- Box terminals
- Kontex contact
- Nickel plated contacts
- Flange 107 x 100 mm for 63A, 120 x 120 mm for 125A
- Protection degree IP67

(Form AS)

Ampere	Poles		230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	400V 60 Hz 4pol 11h	400V 60 Hz 5pol 11h	301-500Hz >50V 3pol 2h	301-500Hz >50V 4pol 2h	301-500Hz >50V 5pol 2h	g each
63	3	Order no.	**13186**								**13927**			500
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	AS 047								AS 049			
63	4	Order no.	**13924**			**13839**			**13925**		**13926**			580
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	AS 030			AS 028			AS 031		AS 032			
63	5	Order no.	**13298***			**13067***			**13187***		**13188***			620
		Supply no. 5935-12-...				300-3603					321-5243			
		VG-type-Nr. VG 96919...	AS 010			AS 009			AS 011		AS 012			
125	3	Order no.	**13840**								**13923**			930
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	AS 052								AS 054			
125	4	Order no.	**13919**			**13841**			**13920**		**13921**			1090
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	AS 035			AS 033			AS 036		AS 037			
125	5	Order no.	**13915**			**13647**			**13916**		**13918**			1210
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	AS 015			AS 014			AS 016		AS 017			

13067



4 MB 134

Ampere	63	63	63	125	125	125
Poles	3	4	5	3	4	5
a	107,0	107,0	107,0	120,0	120,0	120,0
b	100,0	100,0	100,0	120,0	120,0	120,0
c	85,0	85,0	85,0	100,0	100,0	100,0
d	77,0	77,0	77,0	100,0	100,0	100,0
Øe	6,5	6,5	6,5	6,5	6,5	6,5
f	12,0	12,0	12,0	21,0	21,0	21,0
h	57,0	57,0	57,0	50,0	50,0	50,0
i	77,0	77,0	77,0	117,0	117,0	117,0
k	113,0	113,0	113,0	129,0	129,0	129,0
øl	88,0	88,0	88,0	104,0	104,0	104,0
m	8,0	8,0	8,0	6,0	6,0	6,0
Cond. mm² min	6,0	6,0	6,0	25,0	25,0	25,0
Cond. mm² max	25,0	25,0	25,0	70,0	70,0	70,0

Technical information

- Colour: bronze-green RAL 6031-F9
- IEC 60309, EN 60309, VDE 0623, VG 96919

Panel Mounting Socket Outlet QUICK-CONNECT

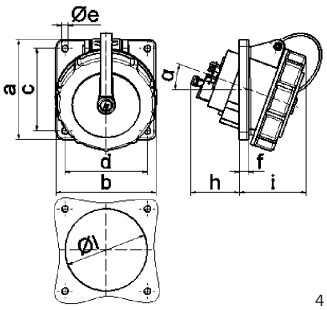
- Screwless terminals
- 20° angled
- Kontex contact
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Flange 85 x 85 mm
- Protection degree IP67

(Form BS)

QUICK CONNECT

2P+E Ampere	3P+E Poles		230V 50-60 Hz 3pol 6h 4pol 9h 5pol 9h	400V 50-60 Hz 3pol 9h 4pol 6h 5pol 6h	400V 60 Hz 4pol 11h 5pol 11h	301-500Hz >50V 3pol 2h 4pol 2h 5pol 2h	g each
16	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**12085*** 347-4131 BS 017			**12280** BS 039	155
16	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**120025** BS 020	**12699** BS 018	**120026** BS 021	**120027** BS 022	175
16	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**12242*** BS 002	**12086*** 300-5324 BS 001	**12235*** BS 003	**12236*** BS 004	200
32	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**12169** BS 042			**120029** BS 044	250
32	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**120030** BS 025	**12700** BS 023	**120031** BS 026	**120032** BS 027	275
32	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**12340*** BS 006	**12087*** 306-7781 BS 005	**12237*** BS 007	**12238*** 311-1928 BS 008	315

12087



4 MB 124

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
Øe	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	46,0	46,0	46,0	50,0	50,0	50,0
i	57,0	57,0	60,0	67,0	67,0	67,0
Øl	57,0	65,0	70,0	78,0	78,0	78,0
α	20°	20°	20°	20°	20°	20°
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4,0	4,0	4,0	10,0	10,0	10,0

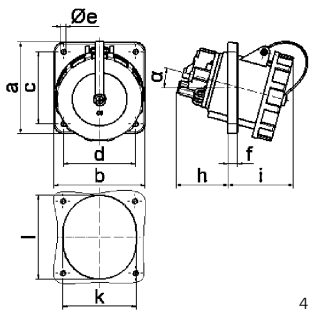
Panel Mounting Socket Outlet

- Screw terminals
- Angled
- High-temperature-resistant contact carrier
- Box terminals
- Kontex contact
- Nickel plated contacts
- Flange 114 x 114 mm
- Protection degree IP67

(Form BS)

2P+E Ampere	3P+E Poles		230V 50-60 Hz 3pol 6h 4pol 9h 5pol 9h	400V 50-60 Hz 3pol 9h 4pol 6h 5pol 6h	400V 60 Hz 4pol 11h 5pol 11h	301-500Hz >50V 3pol 2h 4pol 2h 5pol 2h	g each
63	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**12239** BS 047			**120034** BS 049	555
63	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**120035** BS 030	**12953** BS 028	**120036** BS 031	**120037** BS 032	590
63	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**12341*** BS 010	**12088*** 347-4133 BS 009	**12240*** BS 011	**12241*** BS 012	630
125	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**12954** BS 052			**120039** BS 054	905
125	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**120041** BS 035	**12955** BS 033	**120042** BS 036	**120043** BS 037	965
125	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**12342*** BS 014	**12191*** 347-4132 BS 013	**12343*** BS 015	**12264*** 347-3942 BS 016	1045

12088



4 MB 123

Ampere	63	63	63	125	125	125
Poles	3	4	5	3	4	5
a	114,0	114,0	114,0	114,0	114,0	114,0
b	114,0	114,0	114,0	114,0	114,0	114,0
c	90,0	90,0	90,0	90,0	90,0	90,0
d	90,0	90,0	90,0	90,0	90,0	90,0
Øe	5,5	5,5	5,5	6,5	6,5	6,5
f	12,0	12,0	12,0	12,0	12,0	12,0
h	65,0	65,0	65,0	82,0	82,0	82,0
i	82,0	82,0	82,0	90,0	90,0	90,0
k	92,0	92,0	92,0	92,0	92,0	92,0
Øl	92,0	92,0	92,0	105,0	105,0	105,0
m	15°	15°	15°	15°	15°	15°
Cond. mm² min	6,0	6,0	6,0	25,0	25,0	25,0
Cond. mm² max	25,0	25,0	25,0	70,0	70,0	70,0

Technical information

- Colour: bronze-green RAL 6031-F9
- IEC 60309, EN 60309, VDE 0623, VG 96919

Plug TE-Plus with MULTI-GRIP

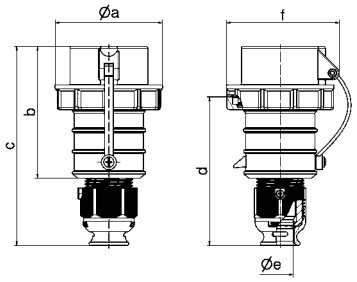
- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- With protective cap
- Special gland, simultanous cable gland and seal
- Protection degree IP67

(Form CP)

QUICK CONNECT MULTI GRIP

Ampere	Poles		230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	400V 60 Hz 4pol 11h	5pol 11h	301-500Hz >50V 3pol 2h	4pol 2h	5pol 2h	g each
16	3	Order no.	**21220***								**210403**			180
		Supply no. 5935-12-...	312-5515											
		VG-type-Nr. VG 96919...	CP 017								CP 039			
16	4	Order no.	**210404**			**210077**			**210405**		**210406**			230
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	CP 020			CP 018			CP 021		CP 022			
16	5	Order no.	**21423***			**21208***			**21424***		**21425***			265
		Supply no. 5935-12-...				300-3599								
		VG-type-Nr. VG 96919...	CP 002			CP 001			CP 003		CP 004			
32	3	Order no.	**21221**								**210408**			340
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	CP 042								CP 044			
32	4	Order no.	**210409**			**210078**			**210410**		**210411**			380
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	CP 025			CP 023			CP 026		CP 027			
32	5	Order no.	**21426***			**21209***			**21427***		**21380***			420
		Supply no. 5935-12-...				300-3596			348-5139		312-4197			
		VG-type-Nr. VG 96919...	CP 006			CP 005			CP 007		CP 008			

21208



2 MB 95

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
Ø a	70,0	78,0	86,0	94,0	94,0	101,0
b	103,5	104,0	105,5	127,0	127,0	129,5
c	153,5	154,0	160,5	187,0	187,0	193,5
d	111,0	111,0	119,0	136,0	136,0	138,5
Ø e	18,0	18,0	21,0	23,5	23,5	27,0
f	75,5	82,5	91,0	96,5	96,5	104,5
Cond. mm² min	1,0	1,0	1,0	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6,0	6,0	6,0

Plug TE with MULTI-GRIP

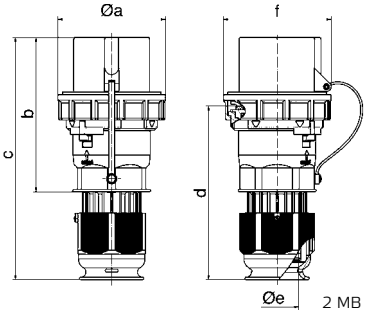
- Screw terminals
- High-temperature-resistant contact carrier
- Box terminals
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- With protective cap
- Screwless enclosure connection, self locking
- Protection degree IP67

(Form CP)

MULTI GRIP

Ampere	Poles		230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	400V 60 Hz 4pol 11h	5pol 11h	301-500Hz >50V 3pol 2h	4pol 2h	5pol 2h	g each
63	3	Order no.	**210256**								**210413**			695
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	CP 047								CP 049			
63	4	Order no.	**210414**			**210263**			**210415**		**210417**			755
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	CP 000			CP 028			CP 031		CP 032			
63	5	Order no.	**21428***			**21210***			**21429***		**21430***			815
		Supply no. 5935-12-...				300-5325								
		VG-type-Nr. VG 96919...	CP 010			CP 009			CP 0011		CP 012			
125	3	Order no.	**210264**								**210419**			1115
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	CP 052								CP 054			
125	4	Order no.	**210421**			**210265**			**210422**		**210423**			1220
		Supply no. 5935-12-...												
		VG-type-Nr. VG 96919...	CP 035			CP 033			CP 036		CP 037			
125	5	Order no.	**21431***			**21033***			**21432***		**21433***			1330
		Supply no. 5935-12-...				327-8595								
		VG-type-Nr. VG 96919...	CP 014			CP 013			CP 015		CP 016			

21210



2 MB 107

Ampere	63	63	63	125	125	125
Poles	3	4	5	3	4	5
Ø a	113,5	113,5	113,5	126,0	126,0	126,0
b	169,0	169,0	169,0	185,0	185,0	185,0
c	250,0	250,0	250,0	286,0	286,0	286,0
d	171,0	171,0	171,0	206,0	206,0	206,0
Ø e	36,0	36,0	36,0	50,0	50,0	50,0
f	112,5	112,5	112,5	125,0	125,0	125,0
Cond. mm² min	6,0	6,0	6,0	16,0	16,0	16,0
Cond. mm² max	25,0	25,0	25,0	50,0	50,0	50,0

Technical information

- Colour: bronze-green RAL 6031-F9
- IEC 60309, EN 60309, VDE 0623, VG 96919

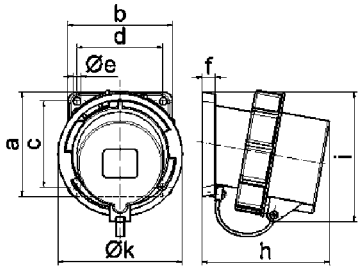
Appliance Inlet with Flange

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- With protective cap
- Flange 85 x 85 mm
- Protection degree IP67

(Form BP)

2P+E 3P+E 3+N+E Ampere	Poles		230V 50-60 Hz 3pol 4pol 5pol 6h 9h 9h	400V 50-60 Hz 3pol 4pol 5pol 9h 6h 6h	400V 60 Hz 4pol 5pol 11h 11h	301-500Hz >50V 3pol 4pol 5pol 2h 2h 2h	g each
16	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**27046*** 319-7028 BP 013			**27286** BP 039	205
16	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**27287** BP 020	**27204** BP 018	**27288** BP 021	**27289** BP 022	230
16	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**27104*** BP 002	**2702*** 300-3598 BP 001	**27105*** BP 003	**27106*** BP 004	260
32	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**2745** BP 042			**27291** BP 044	305
32	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**27292** BP 025	**27201** BP 023	**27293** BP 026	**27294** BP 027	330
32	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**27107*** BP 006	**2703*** 188-9997 BP 005	**27108*** BP 007	**27043*** 312-4197 BP 008	365

2703



5 MB 31

Ampere Poles	16 3	16 4	16 5	32 3	32 4	32 5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
ø e	6,3	6,3	6,3	6,3	6,3	6,3
f	11,0	11,0	11,0	11,0	11,0	11,0
h	94,0	94,0	94,0	105,0	105,0	105,0
i	94,0	97,0	101,0	103,0	103,0	107,0
k	70,5	78,5	86,5	94,0	94,0	101,5
Cond. mm² min	1,0	1,0	1,0	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6,0	6,0	6,0

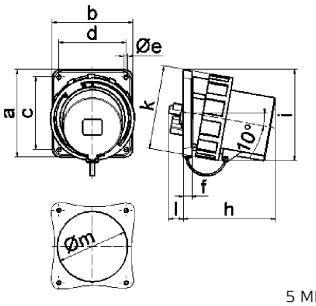
Appliance Inlet with Flange

- Screw terminals
- High-temperature-resistant contact carrier
- Box terminals
- Nickel plated contacts
- With protective cap
- Flange 107 x 100 mm for 63A, 130 x 120 mm for 125A
- Protection degree IP67

(Form BP)

2P+E 3P+E 3+N+E Ampere	Poles		230V 50-60 Hz 3pol 4pol 5pol 6h 9h 9h	400V 50-60 Hz 3pol 4pol 5pol 9h 6h 6h	400V 60 Hz 4pol 5pol 11h 11h	301-500Hz >50V 3pol 4pol 5pol 2h 2h 2h	g each
63	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**27267** BP 047			**27295** BP 049	630
63	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**27296** BP 030	**27268** BP 028	**27297** BP 031	**27298** BP 032	695
63	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**27109*** BP 010	**2704*** BP 009	**27110*** BP 011	**27045*** BP 012	750
125	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**27269** BP 052			**27299** BP 054	1010
125	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**27300** BP 035	**27270** BP 033	**27301** BP 036	**27302** BP 037	1125
125	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**27303** BP 015	**27102** 300-5323 BP 014	**27304** BP 016	**27305** 321-5242 BP 017	1220

2704



5 MB 100

Ampere Poles	63 3	63 4	63 5	125 3	125 4	125 5
a	107,0	107,0	107,0	130,0	130,0	130,0
b	100,0	100,0	100,0	120,0	120,0	120,0
c	85,0	85,0	85,0	108,0	108,0	108,0
d	77,0	77,0	77,0	100,0	100,0	100,0
ø e	6,5	6,5	6,5	6,5	6,5	6,5
f	12,0	12,0	12,0	13,0	13,0	13,0
h	142,0	142,0	142,0	134,0	134,0	134,0
i	124,0	124,0	124,0	138,0	138,0	138,0
k	113,5	113,5	113,5	126,0	126,0	126,0
l	-	-	-	23,0	23,0	23,0
ø m	-	-	-	105,0	105,0	105,0
Cond. mm² min	6,0	6,0	6,0	16,0	16,0	16,0
Cond. mm² max	16,0	16,0	16,0	50,0	50,0	50,0

Technical information

- Colour: bronze-green RAL 6031-F9
- IEC 60309, EN 60309, VDE 0623, VG 96919

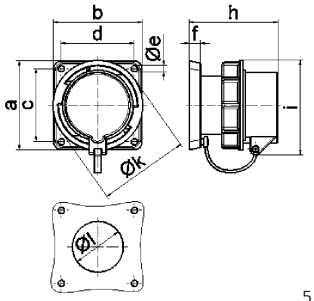
Appliance Inlet with Flange

- Screw terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- With protective cap
- Flange 85 x 85 mm
- Protection degree IP67

(Form AP)

Ampere	Poles		230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	400V 60 Hz 4pol 11h	400V 60 Hz 5pol 11h	301-500Hz >50V 3pol 2h	301-500Hz >50V 4pol 2h	301-500Hz >50V 5pol 2h	g each
16	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**2892** AP 037											210
16	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...				**2893** AP 017								
16	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...				**2894** AP 001								259
32	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**2895** AP 042											302
32	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...				**2896** AP 022								
32	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...				**2897** AP 005								360

2897



5 MB 73

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
ø e	6,3	6,3	6,3	6,3	6,3	6,3
f	11,0	11,0	11,0	11,0	11,0	11,0
h	84,0	84,0	85,0	94,0	94,0	94,0
i	82,5	86,0	91,0	96,5	96,05	104,0
ø k	70,5	78,5	86,5	94,0	94,0	101,5
ø l	49,0	49,0	49,0	49,0	49,0	49,0
Cond. mm² min	1,0	1,0	1,0	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6,0	6,0	6,0

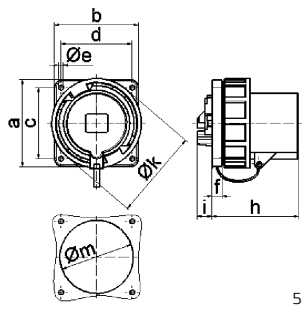
Appliance Inlet with flange

- Screw terminals
- High-temperature-resistant contact carrier
- Box terminals
- Nickel plated contacts
- With protective cap
- Flange 110 x 106 mm for 63A, flange 120 x 120 mm for 125A
- Protection degree IP67

(Form AP)

Ampere	Poles		230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	400V 60 Hz 4pol 11h	400V 60 Hz 5pol 11h	301-500Hz >50V 3pol 2h	301-500Hz >50V 4pol 2h	301-500Hz >50V 5pol 2h	g each
63	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**28042** AP 047											
63	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...				**28000** AP 027								
63	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...				**2853** AP 009								725
125	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**28043** AP 052											
125	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...				**28044** AP 032								
125	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...				**28045** AP 013								

2853



5 MB 101

Ampere	63	63	63	125	125	125
Poles	3	4	5	3	4	5
a	110,0	110,0	110,0	120,0	120,0	120,0
b	106,0	106,0	106,0	120,0	120,0	120,0
c	90,0	90,0	90,0	100,0	100,0	100,0
d	90,0	90,0	90,0	100,0	100,0	100,0
ø e	5,5	5,5	5,5	6,5	6,5	6,5
f	13,0	13,0	13,0	13,0	13,0	13,0
h	114,0	114,0	114,0	121,0	121,0	121,0
i	19,0	19,0	19,0	20,0	20,0	20,0
ø k	113,5	113,5	113,5	126,0	126,0	126,0
ø m	93,0	93,0	93,0	104,0	104,0	104,0
Cond. mm² min	6,0	6,0	6,0	16,0	16,0	16,0
Cond. mm² max	16,0	16,0	16,0	50,0	50,0	50,0

Technical information

- Colour: bronze-green RAL 6031-F9
- IEC 60309, EN 60309, VDE 0623, VG 96919

Connector TE-Plus with MULTI-GRIP

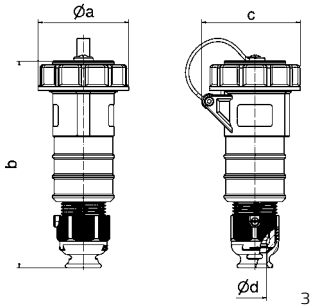
- Screwless terminals
- Kontex contact
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP67

(Form DS)

QUICK CONNECT MULTI-GRIP

2P+E 3P+E 3+N+E Ampere	Poles		230V 50-60 Hz 3pol 4pol 5pol 6h 9h 9h	400V 50-60 Hz 3pol 4pol 5pol 9h 6h 6h	400V 60 Hz 4pol 5pol 11h 11h	301-500Hz >50V 3pol 4pol 5pol 2h 2h 2h	g each
16	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**31162*** 312-5516 DS 017			**310163** DS 039	180
16	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**310165** DS 020	**31865** DS 018	**310167** DS 021	**310168** DS 022	215
16	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**31318*** DS 002	**31150*** DS 001	**31319*** DS 003	**31320*** DS 004	255
32	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**31032** DS 042			**310194** DS 044	325
32	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**310169** DS 025	**31866** DS 023	**310171** DS 026	**310172** DS 027	355
32	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**31321*** DS 006	**31151*** 300-3597 DS 005	**31322*** DS 007	**31323*** 312-4196 DS 008	410

3151



3 MB 70

Ampere Poles	16 3	16 4	16 5	32 3	32 4	32 5
Ø a	70,5	78,0	86,5	94,0	94,0	101,5
b	161,0	161,0	168,0	196,0	196,0	200,0
c	77,0	83,0	93,0	99,0	99,0	107,0
Ø d	18,0	18,0	21,0	23,0	23,0	27,0
Cond. mm² min	1,0	1,0	1,0	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6,0	6,0	6,0

Connector with MULTI-GRIP

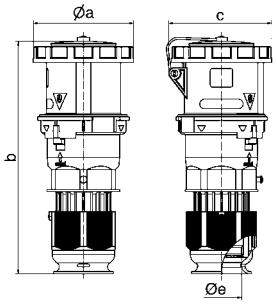
- Screw terminals
- High-temperature-resistant contact carrier
- Box terminals
- Kontex contact
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Screwless enclosure connection, self locking
- Protection degree IP67

(Form DS)

MULTI-GRIP

2P+E 3P+E 3+N+E Ampere	Poles		230V 50-60 Hz 3pol 4pol 5pol 6h 9h 9h	400V 50-60 Hz 3pol 4pol 5pol 9h 6h 6h	400V 60 Hz 4pol 5pol 11h 11h	301-500Hz >50V 3pol 4pol 5pol 2h 2h 2h	g each
63	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**310058** DS 047			**310177** DS 049	760
63	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**310174** DS 030	**31877** DS 028	**310175** DS 031	**310176** DS 032	770
63	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**31324*** DS 010	**31152*** 300-5326 DS 009	**31325*** DS 011	**31326*** DS 012	785
125	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**310059** DS 052			**310179** DS 054	1160
125	4	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**310180** DS 035	**310060** DS 033	**310182** DS 036	**310183** DS 037	1255
125	5	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	**31327*** DS 014	**31027*** 322-8597 DS 013	**31328*** DS 015	**31329*** DS 016	1350

31152



3 MB 125

Ampere Poles	63 3	63 4	63 5	125 3	125 4	125 5
Ø a	110,0	110,0	110,0	125,0	125,0	125,0
b	263,0	263,0	263,0	300,0	300,0	300,0
c	113,0	113,0	113,0	128,0	128,0	128,0
Ø d	36,0	36,0	36,0	50,0	50,0	50,0
Cond. mm² min	6,0	6,0	6,0	16,0	16,0	16,0
Cond. mm² max	16,0	16,0	16,0	50,0	50,0	50,0

Technical information

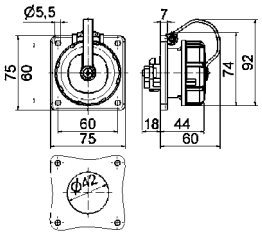
- Colour: bronze-green RAL 6031-F9
- VDE 0623, VG 96919

Domestic Panel Mounting Socket Outlet

- Screw terminals
- Nickel plated contacts
- 16A/230 V~
- Flange 75 x 75 mm
- Protection degree IP68

(Form AS)

7108



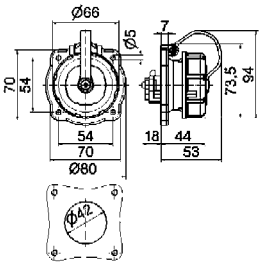
18 MB 19

	Ref. no.	Supply no. 5935-12-...	VG-type-Nr. VG 96926...
german system	**7108***	312-5115	AS 001
belg./ french system	**7185**		

Domestic Panel Mounting Socket Outlet

- Screw terminals
- Nickel plated contacts
- 16A/230 V~
- Protection degree IP68

7114



18 MB 20

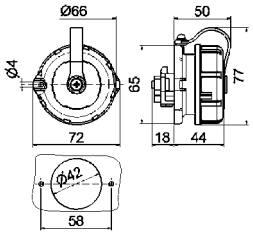
	Ref. no.
german system	**7114**
belg./ french system	**71031**

Domestic Panel Mounting Socket Outlet

- Screw terminals
- Nickel plated contacts
- 16A/230 V~
- Protection degree IP68

(Form BS)

7115



18 MB 21

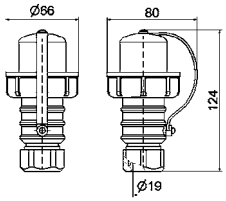
	Ref. no.	Supply no. 5935-12-...	VG-type-Nr. VG 96926...
german system	**7115***	314-4770	BS 001
belg./ french system	**7186**		

Domestic Plug

- Screw terminals
- Nickel plated contacts
- 16A/230 V~
- With closure cap
- Protection degree IP68

(Form CP)

735



18 MB 18

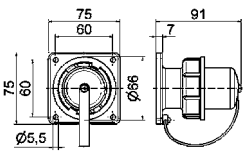
	Ref. no.	Supply no. 5935-12-...	VG-type-Nr. VG 96926...
	735*	141-3149	CP 001

Domestic Appliance Inlet with Flange

- Screw terminals
- Nickel plated contacts
- 16A/230 V~
- With closure cap
- Flange 75 x 75 mm
- Protection degree IP68

(Form AP)

753



18 MB 16

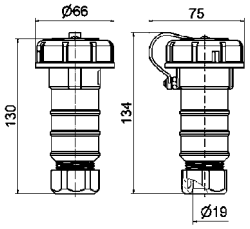
	Ref. no.	Supply no. 5935-12-...	VG-type-Nr. VG 96926...
	753*	340-7272	AP 001

Technical information

- Colour: bronze-green RAL 6031-F9
- VDE 0623, VG 96919

Domestic Connector
- Screw terminals
- Nickel plated contacts
- 16A/230 V~
- Protection degree IP68

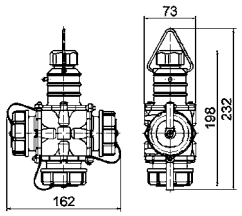
(Form DS)



745 18 MB 26

	Ref. no.	Supply no. 5935-12-...	VG-type-Nr. VG 96926...
german system	**745***	314-4771	DS 001
belg./ french system	**7424**		

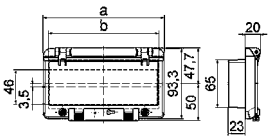
Domestic Three-way Connector
- Screw terminals
- Nickel plated contacts
- 16A/230 V~
- With closure cap, hanging bracket, cable gland
- Protection degree IP68



7400 18 MB 27

	Ref. no.	Supply no. 5935-12-...	VG-type-Nr. VG 96926...
german system	**7400**		
belg./ french system	**7423**		

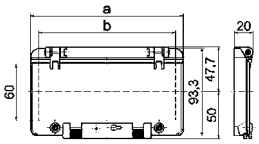
Hinged Window
- Self-closing
- With touch protection
- With option for lock set



58110 30 MB 96

Module units	Dimension a	Dimension b	Ref. no.
2	55,0	40,5	**580138**
4	91,0	76,5	**58388**
6	127,0	112,5	**58590**
8	162,0	147,5	**58110**
12	234,0	220,0	**58111**
13	257,5	248,5	**58387**

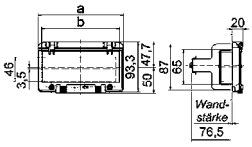
Hinged Window
- Self-closing
- Without touch protection
- With option for lock set



58502 30 MB 95

Module units	Dimension a	Dimension b	Ref. no.
2	55,0	37,0	**58511**
4	91,0	73,0	**580020**
6	127,0	109,0	**58503**
8	162,0	144,5	**58502**
12	234,0	217,0	**58602**
13	257,5	240,0	**58607**

Hinged Window
- Self-closing
- With touch protection
- With option for lock set
- With mounting bracket



580143 30 MB 97

Module units	Dimension a	Dimension b	Ref. no.
2	55,0	40,5	**580137**
4	91,0	76,5	**58517**
6	127,0	112,5	**580141**
8	162,0	147,5	**580143**
12	234,0	220,0	**580144**
13	257,5	248,5	**580145**

Closure Cap
- for domestic plug
- Form H

8320

Ref. no.	VG-Typ-Nr. VG 96926...
8320*	H-16

Closure Cap
- für domestic connector
- Form G

8319

Ref. no.	VG-type-Nr. VG 96926...
8319*	G-16

Closure Cap with Strap
- for CEE plugs

8337

Ampere / Poles	Ref. no.	Supply no. 5935-12-...	VG-type-Nr. VG 96926...
16A / 3p	**8335**		
16A / 4p	**8336**		
16A / 5p	**8337**		
32A / 3p, 4p	**8338**		
32A / 5p	**8339**		
63A / 3p, 4p, 5p	**8340**		
125A / 3p, 4p, 5p	**8341**		

Closure Cap with Strap
- for CEE connector
- for CEE Panel Mounting Socket Outlet

8330

Ampere / Poles	Ref. no.	Supply no. 5935-12-...	VG-type-Nr. VG 96926...
16A / 3p	**8328**		
16A / 4p	**8329**		
16A / 5p	**8330**		
32A / 3p, 4p	**8331**		
32A / 5p	**8332**		
63A / 3p, 4p, 5p	**8333**		
125A / 3p, 4p, 5p	**8334**		

Closure Cap
- for CEE plugs
- Form G

8326

Ampere / Poles	Ref. no.	Supply no. 5935-12-...	VG-type-Nr. VG 96926...
16A / 3p	**8318***		G-16-3
16A / 4p	**8326**		G-16-4
16A / 5p	**8314***		G-16-5
32A / 3p, 4p	**8327**		G-32-4
32A / 5p	**8315***	304-8143	G-32-5
63A / 3p, 4p, 5p	**8316***		G-63-5
125A / 3p, 4p, 5p	**8317***		G-125-5

Closure Cap
- for CEE connector
- Form F

8309

Ampere / Poles	Ref. no.	Supply no. 5935-12-...	VG-type-Nr. VG 96926...
16A / 3p	**8313***		F-16-3
16A / 4p	**8324**		F-16-4
16A / 5p	**8309***		F-16-5
32A / 3p, 4p	**8325**		F-32-4
32A / 5p	**8310***		F-32-5
63A / 3p, 4p, 5p	**8311***		F-63-5
125A / 3p, 4p, 5p	**8312***		F-125-5

Technical information - IEC 60309, EN 60309, VDE 0623

Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- Nickel plated contacts
- Flange 75 x 75 mm
- Protection degree IP44

QUICK CONNECT

130274

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
16	3		**130269**						10	110
16	4					**130270**			10	150
16	5					**130271**			10	170
32	3		**130272**						10	190
32	4					**130273**			10	205
32	5					**130274**			10	225

Panel Mounting Socket Outlet

- Screw terminals
- Flange 107 x 100 mm
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP44

130276

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
63	3		**130275**						5	415
63	5					**130276**			5	490

Panel Mounting Socket Outlet

- Screw terminals
- Flange 107 x 100 mm
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67

130276

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
63	3		**130315**						5	415
63	5					**130196**			5	570

Panel Mounting Socket QUICK-CONNECT

- Screwless terminals
- 20° angled
- Kontex contact
- Nickel plated contacts
- Flange 85 x 85 mm
- Protection degree IP44

QUICK CONNECT

120441

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
16	3		**120436**						10	120
16	4					**120437**			10	140
16	5					**120438**			10	145
32	3		**120439**						10	200
32	4					**120440**			10	230
32	5					**120441**			10	265

Stecker QUICK-CONNECT

- schraublose Klemmen
- vernickelte Kontakte
- Gehäuseverbindung mit Gewinde und Rastverschluss
- spezielle Zugentlastungsverschraubung
- Schutzart IP44

QUICK CONNECT
MULTI-GRIP

210791

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
16	3		**211103**						10	
16	4					**210916**			10	
16	5					**211104**			10	
32	3		**210788**						10	
32	4					**210747**			10	
32	5					**210791**			10	

Technical information - IEC 60309, EN 60309, VDE 0623

Plug TE with MULTI-GRIP
- Screw terminals
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Enclosure connection with thread and snap-in lock
- Special gland, simultanous cable gland and seal
- Protection degree IP44

MULTI-GRIP

210792

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
63	3		**210735**						5	535
63	4						**211102**		5	595
63	5							**210792**	5	650

Plug TE with MULTI-GRIP
- Screw terminals
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Screwless enclosure connection, snap-in lock
- Special gland, simultanous cable gland and seal
- Protection degree IP67

MULTI-GRIP

210711

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
63	3		**211127**						5	535
63	5							**210710**	5	715
125	5							**210711**	5	1235

Appliance Inlet QUICK-CONNECT with Flange
- Screwless terminals
- Kontex contact
- Nickel plated contacts
- Flange 75 x 75 mm
- Protection degree IP44

QUICK-CONNECT

28298

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
16	3		**28312**						10	90
16	4						**28313**		10	105
16	5							**28314**	10	125
32	3		**28315**						10	145
32	4						**28316**		10	165
32	5							**28298**	10	195

Connector QUICK-CONNECT with MULTI-GRIP
- Screwless terminals
- Enclosure connection with thread and snap-in lock
- Kontex contact
- Nickel plated contacts
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK-CONNECT
MULTI-GRIP

310517

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
16	3		**310512**						10	120
16	4						**310607**		10	160
16	5							**310515**	10	165
32	3		**310513**						10	240
32	4						**310489**		10	260
32	5							**310517**	10	300

Connector with MULTI-GRIP
- Screw terminals
- Box terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Screwless enclosure connection, snap-in lock
- Special gland, simultanous cable gland and seal
- Protection degree IP44

MULTI-GRIP

310518

2P+E Ampere	3P+E Poles	3+N+E	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	Quantity	g Each
63	3		**310488**						5	590
63	4						**310749**		5	630
63	5							**310518**	5	670

Technical information - IEC 60309, EN 60309, VDE 0623

Connector with MULTI-GRIP

- Screw terminals
- Box terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Enclosure connection with thread and snap-in lock
- Special gland, simultanous cable gland and seal
- Protection degree IP67

MULTI-GRIP

310466

Ampere	Poles	230V 50-60 Hz 3pol 4pol 5pol 6h 9h 9h	400V 50-60 Hz 3pol 4pol 5pol 9h 6h 6h	Quantity	g Each
63	3	**310771**		5	650
63	5		**310465**	5	725
125	5		**310466**	5	1300

Cable Gland MULTI-GRIP with Additional Strain Relief

- In black for plugs and connectors with MULTI-GRIP cable gland

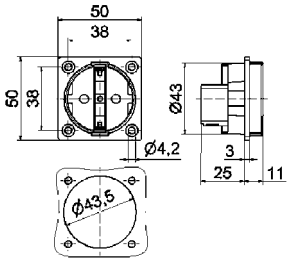
MULTI-GRIP

	Ref. no.
for 16A / 3p, 4p TE + TE Plus	
16A / 3p, 4p, 5p QC + TLS	**29951**
for 16A / 5p TE + TE Plus	**29151**
for 32A / 5p TE + TE Plus	**29152**
for 63A / 3p, 4p, 5p TE + TE Plus	**29153**
for 125A / 3p, 4p, 5p TE	**29154**

Domestic Panel Mounting Socket Outlet

- 16A 250V ~
- Screw terminals
- Nickel plated contacts
- Without hinged lid
- Connection at rear
- Protection degree IP20

714



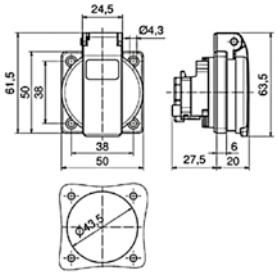
18 MB 1

Color	Ref. no.	Qty
black	**714**	20

Domestic Panel Mounting Socket Outlet stationary use

- 16A 250V ~
- Screwless terminals
- Nickel plated contacts
- With moulded flange seal
- Flange 50 x 50 mm
- Mounting dimension 38 x 38 mm
- Connection terminal in accordance with BGV A2
- Polyamide 6 contact carrier
- Protection degree IP54

71101



18 MB 102

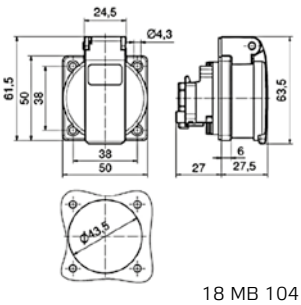
Color	Ref. no.	Qty
QUICK CONNECT black	**71101**	20
Screw term. black	**71097**	**20**

Domestic Panel Mounting Socket Outlet mobile use

- 16A 250V ~
- Screwless terminals
- Nickel plated contacts
- With moulded flange seal
- according to DIN/VDE 620/1 for portable distribution systems
- Protection degree IP54

QUICK CONNECT

71104



18 MB 104

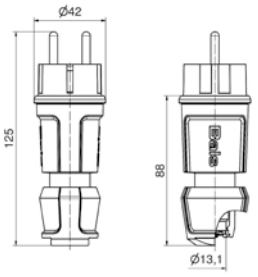
Color	Ref. no.	Qty
QUICK CONNECT black	**71104**	20

Technical information - IEC 60309, EN 60309, VDE 0623

Domestic Plug
- With MULTI-GRIP cable gland
- Spacious connection area
- Also suitable for Belgian/French system
- Protection degree IP44

MULTI-GRIP

7372



18 MB 119

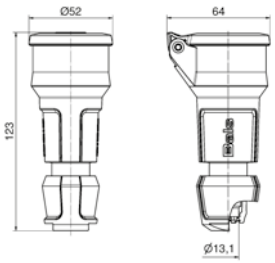
Color	Ref. no.	Qty
black	**7372**	20

Domestic Connector
- With Multi-Grip cable gland
- Spacious connection area
- Protection degree IP54

In the case of Domestic Connectors with shutter add **09** to the end of the order number.

MULTI-GRIP

7488



18 MB 120

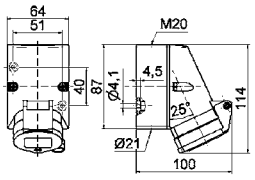
Color	Ref. no.	Qty
black	**7488**	20

Technical information

- IEC 60309, EN 60309, VDE 0623
- Enclosure, insert and hinged lid made of high-grade plastic

Surface Mounting Socket Outlet

- Screw terminals
- 16A 230V 3p
- Lockable using padlock with bar diameter 5 mm
- Protection degree IP44



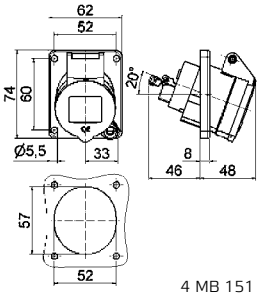
119 1 MB 53

Order no.	Qty
119	10

Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- 16A 230V 3p
- 20º angled
- Lockable by a padlock shackle diameter 5 mm
- Flange 74 x 62 mm
- Drill hole 60 x 52 mm
- Protection degree IP44

QUICK CONNECT



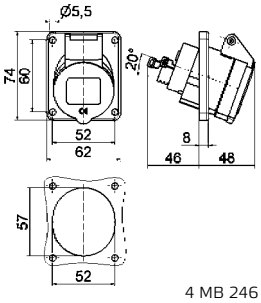
12990 4 MB 151

Ref. no.	Qty
12990	10

Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- 16A 230V 3p
- 20º angled
- Flange 74 x 62 mm
- Drill hole 60 x 52 mm
- Protection degree IP44

QUICK CONNECT

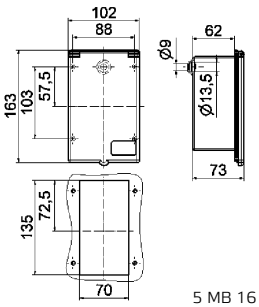


12772 4 MB 246

Ref. no.	Qty
12772	10

Caravan Flush Mounting Inlets

- Screw terminals
- 16A 230V 3p
- Swing-out design
- Protection degree IP44

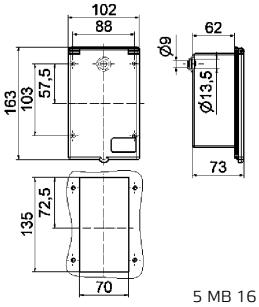


251 5 MB 16

Ref. no.	Qty
251	10

Caravan Flush Mounting Inlets

- Screw terminals
- 16A 230V 3p
- Swing-out design
- With rubber seal and frame
- For intermediate installation
- Protection degree IP44



254 5 MB 16

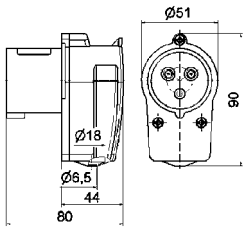
Color	Ref. no.	Qty
white	**254**	10
brown	**258**	10
black	**255**	10

Technical information

- IEC 60309, EN 60309, VDE 0623
- Enclosure, insert and hinged lid made of high-grade plastic

Angled Plug

- Screw terminals
- 16A 230V 3p
- With short cable sleeve
- Protection degree IP44

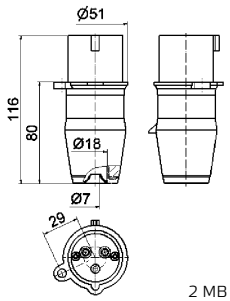


231 2 MB 156

Order no.	Qty
231	10

Plug

- Screw terminals
- 16A 230V 3p
- With short cable sleeve
- Lockable by a padlock shackle diameter 5 mm
- Protection degree IP44



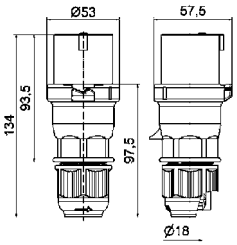
219 2 MB 38

Ref. no.	Qty
219	10

Plug QUICK-CONNECT with MULTI-GRIP

- Screwless terminals
- Screwless enclosure connection, self locking
- Special gland, simultanous cable gland and seal
- 16A 230V 3p
- Protection degree IP44

QUICK CONNECT
MULTI GRIP

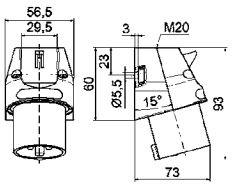


2126 2 MB 166

Ref. no.	Qty
2126	10

Surface Mounting Appliance Inlet

- Screw terminals
- Cable entry 1x at top (open), 1x at bottom (closed)
- 16A 230V 3p
- Protection degree IP44



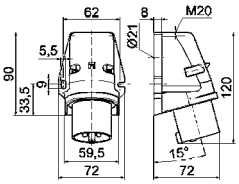
240 5 MB 160

Ref. no.	Qty
240	10

Surface Mounting Appliance Inlet QUICK-CONNECT

- Screwless terminals
- Cable entry 1x at top (open), 1x at bottom (closed)
- 16A 230V 3p
- Protection degree IP44

QUICK CONNECT



24423 5 MB 163

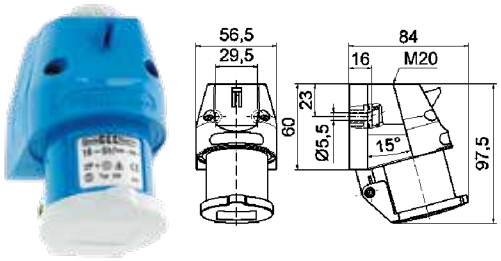
Ref. no.	Qty
24423	10

Technical information

- IEC 60309, EN 60309, VDE 0623
- Enclosure, insert and hinged lid made of high-grade plastic

Surface Mounting Appliance Inlet

- Screw terminals
- Cable entry 1x at top (open), 1x at bottom (closed)
- 16A 230V 3p
- With self-closing hinged lid
- Protection degree IP44

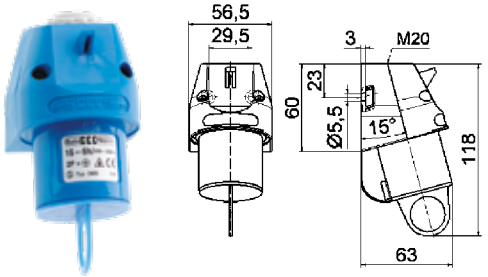


5 MB 161

Ref. no.	Qty
242	10

Surface Mounting Appliance Inlet

- Screw terminals
- 16A 230V 3p
- Cable entry 1x at top (open), 1x at bottom (closed)
- With closure cap on a plastic strap
- Protection degree IP44



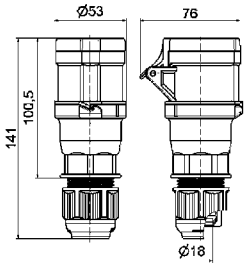
5 MB 162

Ref. no.	Qty
2400	10

Connector QUICK-CONNECT with MULTI-GRIP

- Screwless terminals
- 16A 230V 3p
- Screwless enclosure connection, snap-in lock
- Special gland, simultanous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI GRIP



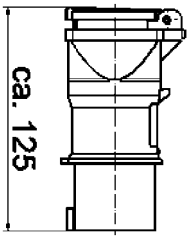
3 MB 110

Ref. no.	Qty
3126	10

Adapter Plug

- Protection degree IP44

8615



2 MB 39

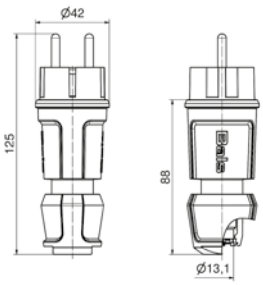
	Ref. no.	Qty
CEE plug 16A/230V/3p to Domestic sockets 16A/230V~ german earthing system	**8615**	10
CEE plug 16A/230V /3p to Domestic sockets 16A/230V~ belg./ french system	**8614**	10

Domestic Plug

- With MULTI-GRIP cable gland
- Spacious connection area
- Also suitable for Belgian/French system
- Protection degree IP44

MULTI GRIP

7370



18 MB 119

Color	Ref. no.	Qty
blue	**7370**	20
grey	**7371**	20
black	**7372**	20
red	**7373**	20

Technical information

- IEC 60309, EN 60309, VDE 0623
- Enclosure, insert and hinged lid made of high-grade plastic

Domestic Connector

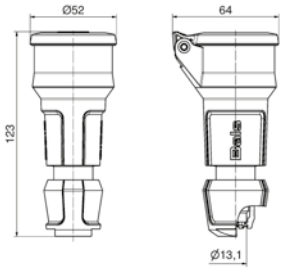
- With MULTI-GRIP cable gland
- Spacious connection area
- Protection degree IP54

Type F - German standard

In the case of Domestic Connectors with shutter add **09** to the end of the order number.

MULTI-GRIP

7486



18 MB 120

	Ref. no.	Qty
blue	**7486**	20
grey	**7487**	20
black	**7488**	20
red	**7489**	20

Domestic Connector

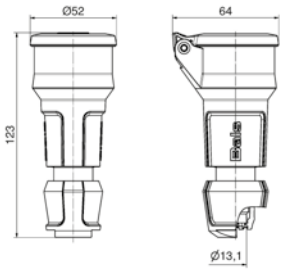
- With MULTI-GRIP cable gland
- Spacious connection area
- Protection degree IP54

Type E Belgian/ French standard

In the case of Domestic Connectors with shutter add **09** to the end of the order number.

MULTI-GRIP

7490



18 MB 120

	Ref. no.	Qty
blue	**7490**	20
grey	**7491**	20
black	**7492**	20
red	**7493**	20

Extension Lead

- Protection degree IP44

*deviating from VDE 0100 Part 708 Section 4

812

CEE plug 16A 230V 3p and CEE connector 16A 230V 3p

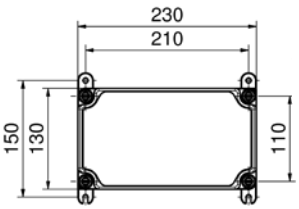
Domestic plug and connector

Cable	Length	Ref. no.	Qty
H07RN-F3G1,5*	10m	**812**	1
H07RN-F3G2,5	10m	**813**	1
H07RN-F3G1,5*	15m	**814**	1
H07RN-F3G2,5	15m	**815**	1
H07RN-F3G1,5*	20m	**816**	1
H07RN-F3G2,5	20m	**817**	1
H07RN-F3G2,5	1,5m	**8178**	1

VARIABOX-S

- With four Domestic sockets 16A 250V ~ (German standard)
- 162 mm max. depth with components
- Ready wired for installation
- Cable entry:
  Top: 1x M12, 1x M20, 2x M25 open
  Bottom: 1x M12, 1x M20, 2x M25

Bestell-Nr. **89006**



30 MB 208

X 1
X 3

TLS-Series

Surface Mounting Socket Outlets

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Panel Mounting Socket Outlets

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Plugs

Page 238

Connectors

Page 239

Empty Enclosures

Plastic Enclosures

Page 240

Accessories

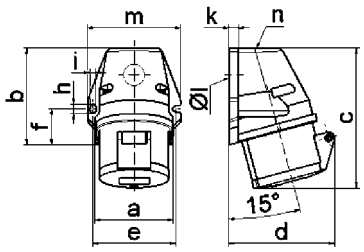
Page 241

Technical information - IEC 60309-1/2, EN 60309, VDE 0623

Surface Mounting Socket Outlet
- Screw terminals
- Cable entry 1x at top (open) and 1x at bottom (closed)
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**11897**			**11765**															10	175
16	4	**11722**			**11652**			**11645**			**11723**									10	220
16	5	**11724**			**11725**			**100**			**11726**						**110129**			10	240
32	3	**11832**			**11651**															10	275
32	4	**11735**			**11653**			**11646**			**11736**			**11836**			**110130**			10	285
32	5	**11737**			**11738**			**101**			**11739**									10	310

101



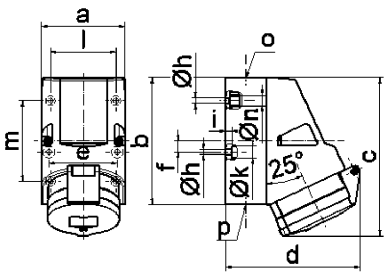
1 MB 19

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	59,5	72,4	72,4	79,1	79,1	79,1
b	90,0	90,0	90,0	92,0	92,0	92,0
c	130,0	130,0	131,0	142,0	142,0	142,0
d	85,0	96,0	98,0	103,0	103,0	106,0
e	62,0	77,0	77,0	84,0	84,0	84,0
f	33,5	33,5	33,5	30,0	30,0	30,0
h	9,0	9,0	9,0	9,0	9,0	9,0
i	5,5	5,5	5,5	5,5	5,5	5,5
k	8,0	9,0	9,0	9,0	9,0	9,0
ø l	21,0	21,0	21,0	21,0	21,0	21,0
m	72,0	87,0	87,0	94,0	94,0	94,0
n	M20	M25	M25	M25	M25	M25
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Surface Mounting Socket Outlet
- Screw terminals
- Cable entry 1x at top (open), 2x at bottom (closed)
- Base rotatable by 180°
- 4 mounting holes in enclosure base
- Suitable for through wiring with special terminals
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	4	**11849**			**11424**			**11344**			**11425**			**11616**						10	320
16	5	**110054**			**11375**			**106**			**11219**						**11755**			10	335
32	3	**1113**			**1114**			**1115**			**11794**			**11426**			**11193**			10	370
32	4	**1116**			**1117**			**1118**			**1119**			**1120**			**1121**			10	385
32	5	**1122**			**1123**			**103**			**11023**			**11146**			**11124**			10	390

103



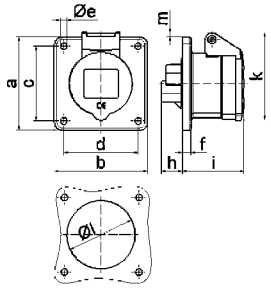
1 MB 2

Ampere	16	16	32	32	32
Poles	4	5	3	4	5
a	83,0	83,0	83,0	83,0	83,0
b	126,0	126,0	126,0	126,0	126,0
c	153,0	155,0	155,0	155,0	155,0
d	127,0	130,0	130,0	130,0	136,0
e	68,0	68,0	68,0	68,0	68,0
f	11,0	11,0	11,0	11,0	11,0
ø h	5,5	5,5	5,5	5,5	5,5
i	6,5	6,5	6,5	6,5	6,5
ø k	12,0	12,0	12,0	12,0	12,0
l	65,0	65,0	65,0	65,0	65,0
m	80,0	80,0	80,0	80,0	80,0
ø n	10,0	10,0	10,0	10,0	10,0
o	M25	M25	M25	M25	M25
p	2xM25	2xM25	2xM25	2xM25	2xM25
Cond. mm² min	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	10	10	10

Panel Mounting Socket Outlet
- Screw terminals
- Flange 75 x 75 mm
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3	**13000**			**13001**			**13002**			**13042**			**13216**			**13053**			10	115
16	4	**1322**			**1323**			**1324**			**1325**			**1326**			**1327**			10	140
16	5	**13003**			**13004**			**13005**			**13043**			**13034**			**13033**			10	155
32	3	**13006**			**13007**			**13008**			**13058**			**13076**			**13313**			10	190
32	4	**13009**			**13010**			**13011**			**13012**			**13013**			**13014**			10	200
32	5	**1331**			**1332**			**1333**			**13167**			**13173**			**13050**			10	205

1333



4 MB 4

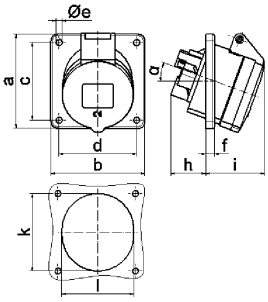
Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
ø e	5,5	5,5	5,5	5,5	5,5	5,5
f	7,0	7,0	7,0	8,0	8,0	8,0
h	17,0	26,0	17,0	36,0	36,0	19,0
i	51,0	53,0	53,0	62,0	62,0	62,0
k	70,0	80,0	85,0	90,0	90,0	98,0
ø l	45,0	45,0	55,0	60,0	60,0	60,0
m	3,5	7,0	11,5	12,0	12,0	17,0
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Technical information - IEC 60309-1/2, EN 60309, VDE 0623

Panel Mounting Socket Outlet
- Screw terminals
- 20º angled
- Flange 85 x 85 mm
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**12079**			**12080**			**12081**			**12485**			**12952**			**12483**			10	125
16	4							**12500**						**12520**						10	150
16	5	**12076**			**12077**			**12078**			**12491**						**12484**			10	170
32	3	**12324**			**12310**															10	205
32	4				**12325**			**12311**			**12368**									10	210
32	5	**1213**			**1214**			**1215**			**12369**			**12217**						10	215

12078



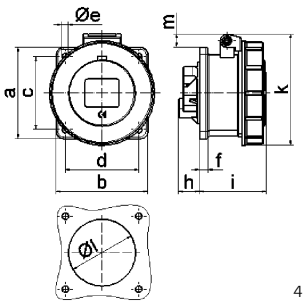
4 MB 26

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
ø e	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	30,0	30,0	30,0	50,0	50,0	34,0
i	48,0	50,0	54,0	63,0	63,0	60,0
k	57,0	65,0	70,0	78,0	78,0	78,0
l	57,0	65,0	70,0	78,0	78,0	78,0
α	20º	20º	20º	20º	20º	20º
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Panel Mounting Socket Outlet
- Screw terminals
- Flange 75 x 75 mm
- Protection degree IP67

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3	**1371**			**1372**			**1373**						**13265**						10	140
16	4	**1374**			**1375**			**1376**			**1377**			**1378**			**1379**			10	165
16	5	**1380**			**1381**			**1382**			**13044**			**13379**			**13380**			10	185
32	3	**13023**			**13024**			**13025**						**13264**			**13432**			10	225
32	4	**13026**			**13027**			**13028**			**13029**			**13030**			**13031**			10	240
32	5	**1368**			**1369**			**1370**			**13376**			**13377**			**13378**			10	250

1370



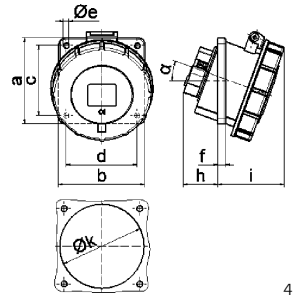
4 MB 5

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
ø e	5,5	5,5	5,5	5,5	5,5	5,5
f	7,0	7,0	7,0	8,0	8,0	8,0
h	17,0	26,0	17,0	36,0	36,0	19,0
i	57,0	58,0	57,0	65,0	65,0	65,0
k	76,0	83,0	93,0	100,0	100,0	106,0
ø l	45,0	45,0	55,0	60,0	60,0	60,0
m	3,5	7,0	11,5	12,0	12,0	17,0
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Panel Mounting Socket Outlet
- Screw terminals
- 20º angled
- Flange 85 x 85 mm
- Protection degree IP67

Ampere	Poles	110V 50-60 Hz 3pol 4h	4pol 4h	5pol 4h	230V 50-60 Hz 3pol 6h	4pol 9h	5pol 9h	400V 50-60 Hz 3pol 9h	4pol 6h	5pol 6h	500V 50-60 Hz 3pol 7h	4pol 7h	5pol 7h	>50V 100-300Hz 3pol 10h	4pol 10h	5pol 10h	>50V 301-500Hz 3pol 2h	4pol 2h	5pol 2h	Quantity	g Each
16	3				**12231**															10	160
16	4							**12502**												10	180
16	5	**12082**			**12083**			**12084**			**12717**									10	205
32	3	**12326**			**12327**															10	260
32	4				**12328**			**12329**			**12614**									10	270
32	5	**1262**			**1263**			**1264**												10	275

12084



4 MB 22

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
ø e	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	30,0	30,0	30,0	50,0	50,0	34,0
i	55,0	57,0	59,0	67,0	67,0	69,0
k	57,0	65,0	70,0	78,0	78,0	78,0
l	57,0	65,0	70,0	78,0	78,0	78,0
α	20º	20º	20º	20º	20º	20º
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

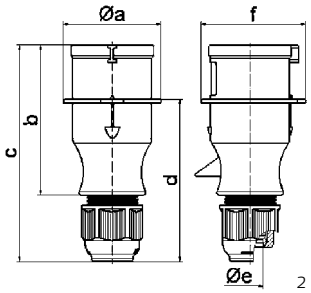
Technical information - IEC 60309-1/2, EN 60309, VDE 0623

Plug with MULTI-GRIP
- Screw terminals
- One-piece enclosure
- Special gland, simultanous cable gland and seal
- Protection degree IP44

MULTI-GRIP

2P+E Ampere	3P+E	3+N+E Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16		3	21000-TLS			21001-TLS			21002-TLS			21071-TLS									10	120
16		4	21003-TLS			21004-TLS			21005-TLS			21006-TLS									10	130
16		5	21009-TLS			21010-TLS			203-TLS			21037-TLS									10	150
32		3	21012-TLS			21013-TLS			21014-TLS			21219-TLS									10	200
32		4	21015-TLS			21016-TLS			21017-TLS			21018-TLS									10	220
32		5	21021-TLS			21022-TLS			204-TLS			21011-TLS									10	250

204-TLS



2 MB 129

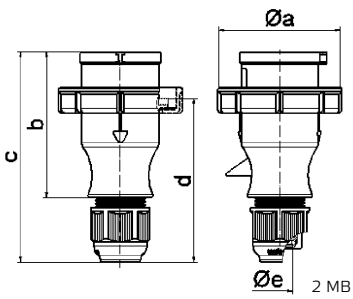
Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
ø a	54,0	60,0	66,0	71,0	71,0	80,0
b	94,5	98,0	101,0	115,0	115,0	119,0
c	138,0	142,0	145,0	170,0	170,0	174,0
d	101,5	105,5	108,5	124,0	124,0	128,0
ø e	18,0	18,0	18,0	23,0	23,0	23,0
f	56,6	64,0	71,0	76,0	76,0	85,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Plug with MULTI-GRIP
- Screw terminals
- Nickel plated contacts
- One-piece enclosure
- Special gland, simultanous cable gland and seal
- Protection degree IP67

MULTI-GRIP

2P+E Ampere	3P+E	3+N+E Poles	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16		3	210575			210576			210577												10	155
16		4	210581			210582			210583			210584									10	170
16		5	210587			210588			210589												10	170
32		3	210593			210594			210595												10	243
32		4	210599			210600			210601												10	255
32		5	210605			210606			210607												10	305

210589



2 MB 130

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
ø a	70,0	78,0	86,0	94,0	94,0	101,0
b	94,5	98,0	101,0	115,0	115,0	119,0
c	138,0	142,0	145,0	170,0	170,0	174,0
d	105,5	109,5	112,5	128,0	128,0	132,0
ø e	18,0	18,0	18,0	23,0	23,0	23,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Technical information - IEC 60309-1/2, EN 60309, VDE 0623

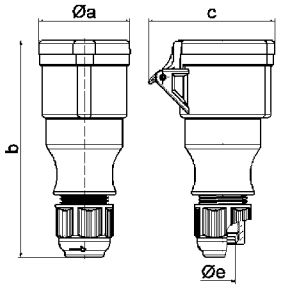
Connector with MULTI-GRIP

- Screw terminals
- One-piece enclosure
- Special gland, simultanous cable gland and seal
- Protection degree IP44

MULTI-GRIP

2P+E Ampere	3P+E Poles	3+N+E	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3		31000-TLS			31001-TLS			31002-TLS			31210-TLS									10	140
16	4		31003-TLS			31004-TLS			31005-TLS			31006-TLS									10	160
16	5		31009-TLS			31010-TLS			303-TLS			31031-TLS									10	180
32	3		31012-TLS			31013-TLS			31014-TLS			31491-TLS									10	240
32	4		31015-TLS			31016-TLS			31017-TLS			31018-TLS									10	250
32	5		31021-TLS			31022-TLS			304-TLS			31023-TLS									10	260

304-TLS



3 MB 82

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
ø a	51,0	58,0	65,0	67,0	67,0	73,0
b	145,0	148,0	156,0	185,0	185,0	185,0
c	74,0	84,0	90,0	94,0	94,0	102,0
ø e	18,0	18,0	18,0	23,0	23,0	23,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

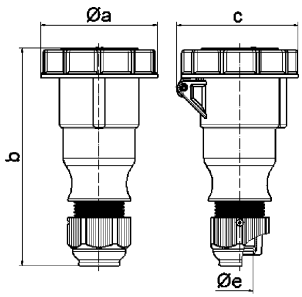
Connector with MULTI-GRIP

- Screw terminals
- Nickel plated contacts
- One-piece enclosure
- Special gland, simultanous cable gland and seal
- Protection degree IP67

MULTI-GRIP

2P+E Ampere	3P+E Poles	3+N+E	110V 50-60 Hz 3pol 4h	110V 50-60 Hz 4pol 4h	110V 50-60 Hz 5pol 4h	230V 50-60 Hz 3pol 6h	230V 50-60 Hz 4pol 9h	230V 50-60 Hz 5pol 9h	400V 50-60 Hz 3pol 9h	400V 50-60 Hz 4pol 6h	400V 50-60 Hz 5pol 6h	500V 50-60 Hz 3pol 7h	500V 50-60 Hz 4pol 7h	500V 50-60 Hz 5pol 7h	>50V 100-300Hz 3pol 10h	>50V 100-300Hz 4pol 10h	>50V 100-300Hz 5pol 10h	>50V 301-500Hz 3pol 2h	>50V 301-500Hz 4pol 2h	>50V 301-500Hz 5pol 2h	Quantity	g Each
16	3		310331			310333			310334												10	175
16	4		310338			310339			310340												10	200
16	5		310344			310345			310346												10	220
32	3		310350			310351			310352												10	305
32	4		310356			310357			310358												10	315
32	5		310362			310363			310364												10	360

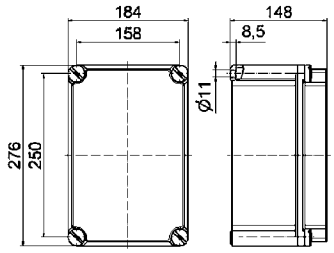
310346



3 MB 81

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
ø a	70,5	78,0	86,5	94,0	94,0	101,5
b	154,0	155,0	160,0	190,0	190,0	190,0
c	77,0	83,0	93,0	99,0	99,0	107,0
ø e	18,0	18,0	18,0	23,0	23,0	23,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

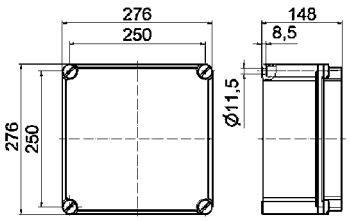
Distributor Enclosure
- Made of high-grade, impact-resistant plastic
- Cover screws made of plastic
- Metric cable entry on request



30 MB 121

Ref. no.
61133

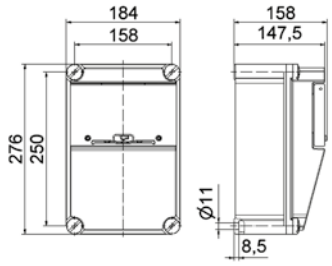
Distributor Enclosure
- Made of high-grade, impact-resistant plastic
- Cover screws made of plastic
- Metric cable entry on request



30 MB 122

Ref. no.
61134

Distributor Enclosure
- Made of high-grade, impact-resistant plastic
- With transparent hinged window
- 9 modules
- Cover screws made of plastic
- DIN rail
- Metric cable entry on request

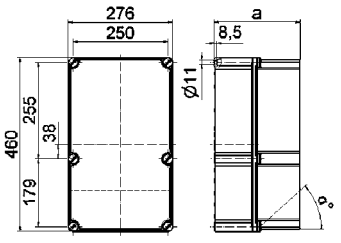


30 MB 145

Ref. no.
61402

Distributor Enclosure
- Made of high-grade, impact-resistant plastic
- Cover screws made of plastic
- Metric cable entry on request

6170



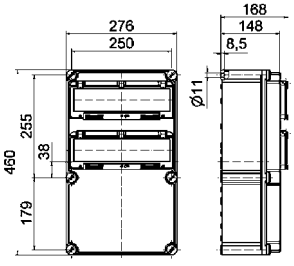
30 MB 98

	a	Ref. no.
0º	148,0	**6171**
0º	228,0	**6170**
25º	228,0	**6173**
42º	228,0	**6172**

30 MB 98

Distributor Enclosure
- Made of high-grade, impact-resistant plastic
- Cover screws made of plastic
- Metric cable entry on request

61101

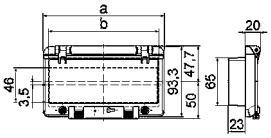


30 MB 137

	Ref. no.
2 hinged windows	**61101**
3 hinged windows	**61128**

Hinged Window

- Self-closing
- With protection against accidental contact
- In the case of hinged windows for use with DIN screws (order No. 58036), add -GWE to the end of the order number

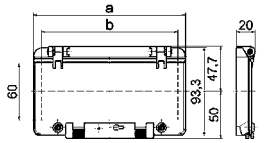


58009 30 MB 96

Module unit	Dimension a	Dimension b	Ref. no.
2	55,0	40,5	**5881**
4	91,0	76,5	**5890**
6	127,0	112,5	**5899**
8	162,0	147,5	**58009**
12	234,0	220,0	**58018**
13	257,5	248,5	**58027**

Hinged Window

- Self-closing
- Without protection against accidental contact
- In the case of hinged windows for use with DIN screws (order No. 58036), add -GWE to the end of the order number

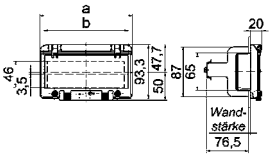


58010 30 MB 95

Module unit	Dimension a	Dimension b	Ref. no.
2	55,0	37,0	**5882**
4	91,0	73,0	**5891**
6	127,0	109,0	**58001**
8	162,0	144,5	**58010**
12	234,0	217,0	**58019**
13	257,5	240,0	**58028**

Hinged Window

- Self-closing
- With protection against accidental contact and mounting bracket
- In the case of hinged windows for use with DIN screws (order No. 58036), add -GWE to the end of the order number



30 MB 97

Module unit	Dimension a	Dimension b	Ref. no.
2	55,0	40,5	**5885**
4	91,0	76,5	**5894**
6	127,0	112,5	**58004**
8	162,0	147,5	**58013**
12	234,0	220,0	**58022**
13	257,5	248,5	**58031**

Lock Set

- Protection against unauthorised use by means of retrofittable lock
- Can be installed in hinged window

Ref. no.
58037-BE

DIN Screws

- For additional locking device
- Retrofittable
- Can only be used in operating windows with order No. .....-GWE.

Ref. no.
58036

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5311	164/2
5321	164/4
5350	164/2
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5891	241/2
5894	241/3
5899	241/1
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6171	240/4
6172	240/4
6173	240/4
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7112	118/4
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7119	118/4
7153	119/3
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7372	121/4 + 226/1 + 230/5
7373	230/5
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7416	123/1
7423	220/2
7424	220/1
7432	123/2
7455	123/1
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7487	122/2 + 231/1
7488	122/2 + 226/2 + 231/1
7489	122/2 + 231/1
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7493	122/4 + 231/2
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8340	221/2
8341	221/2
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8615	104/4 + 230/4
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11017	39/2
11019	200/2
11023	236/2
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11051	37/2
11052	44/3
11124	236/2
11126	39/2
11146	236/2
11155	38/3
11156	39/1
11190-BE	45/1
11193	236/2
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11221	37/2
11320	38/2
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11375	236/2
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11538	42/1
11542	189/2
11554	45/1

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11907	36/2
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11912	36/1

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12084	237/3
12085	214/1

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12171	73/1
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12205	77/3
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13005	236/3	13264	237/2	13675	65/1	13747	69/2
13006	236/3	13265	237/2	13676	65/1	13748	69/2
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13010	236/3	13320	65/3	13680	65/1	13752	69/2
13011	236/3	13321	65/3	13681	65/1	13753	69/2
13012	236/3	13326	188/2	13682	65/1	13754	69/2
13013	236/3	13327	188/2	13683	65/1	13755	69/2
13014	236/3	13328	188/2	13684	65/1	13756	69/2
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13033	236/3	13344	76/2	13695	64/1	13774	76/1
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13042	236/3	13377	237/2	13697	64/1	13776	76/1
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13048	75/2	13380	237/2	13700	64/1	13812	77/1
13050	236/3	13382	77/2	13701	64/1	13813	77/1
13051	65/3	13383	77/2	13702	64/1	13814	77/1
13053	236/3	13384	77/2	13703	64/1	13815	77/1
13058	236/3	13385	77/2	13704	64/1	13816	77/1
13064	213/1	13432	237/2	13705	64/1	13822	192/3
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13066	213/1	13435	71/1	13707	64/1	13839	213/2
13067	213/2	13436	71/1	13708	64/1	13840	213/2
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13075	200/4	13445	70/3	13710	64/1	13849	200/4
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13104	70/1	13592	65/3	13718	64/1	13919	213/2
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13106	75/2	13633	213/1	13720	69/1	13921	213/2
13107	75/2	13634	213/1	13721	69/1	13923	213/2
13108	75/2	13646	64/3	13724	69/1	13924	213/2
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13157	77/1	13659	64/3	13731	69/1	13929	213/1
13159	77/1	13660	64/3	13732	69/1	13930	213/1
13166	213/1	13661	64/3	13733	69/2	13932	213/1
13167	236/3	13662	64/3	13734	69/2	13933	213/1
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13173	236/3	13664	64/3	13736	69/2	15000	50/1
13175	213/1	13665	64/3	13737	69/2	15001	50/1
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15017	49/1	15142	50/1	16138	54/1	17041	59/1
15019	46/1	15143	50/1	16374	190/3	17042	59/1
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15027	48/1	15145	50/1	16380	190/5	17045	58/1
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15029	47/1	15147	49/1	16445	190/4	17047	59/1
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15043	52/2	15153	51/1	16604	54/3	17060	56/1
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15052	49/1	15157	52/1	16621	55/1	17064	57/1
15058	49/1	15158	52/1	16622	55/1	17065	57/1
15059	46/1	15159	52/1	16721	53/3	17066	57/1
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15075	52/1	15161	51/1	16828	54/3	17107	58/1
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15098	46/2	15174	50/1	16916	61/1	17176	59/1
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15100	46/2	15176	48/1	16933	53/3	17178	59/1
15101	46/1	15177	48/1	16934	54/3	17179	59/1
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15105	46/1	15382	46/1	17002	59/1	17186	58/1
15106	46/2	15383	46/2	17003	59/1	17187	58/1
15107	46/2	15384	46/1	17004	59/1	17188	58/1
15108	46/2	15385	46/2	17007	58/1	17189	58/1
15109	46/2	15386	46/1	17008	58/1	17192	59/1
15110	46/2	15387	46/2	17009	58/1	17193	59/1
15111	48/1	15388	48/1	17010	58/1	17194	59/1
15112	48/1	16008	53/1	17011	59/1	17195	59/1
15113	48/1	16038	53/2	17012	59/1	17213	59/1
15114	48/1	16039	53/2	17013	59/1	17216	59/1
15115	48/1	16040	54/2	17014	59/1	17233	56/1
15116	48/1	16041	54/2	17019	58/1	17234	56/1
15121	48/1	16042	53/2	17020	58/1	17238	57/1
15122	48/1	16043	53/2	17021	59/1	17275	56/1
15123	48/1	16050	209/1	17022	59/1	17276	56/1
15124	48/1	16058	53/2	17026	210/5	17277	56/1
15125	47/1	16059	54/2	17027	56/1	17278	57/1
15126	47/1	16060	53/2	17028	56/1	17279	57/1
15127	48/1	16064	53/2	17029	57/1	17280	56/1
15128	48/1	16065	54/2	17030	57/1	17281	56/1
15129	49/1	16066	53/2	17031	57/1	17282	56/1
15130	49/1	16070	44/4	17032	56/1	17283	56/1
15131	49/1	16071	44/4	17033	56/1	17284	56/1
15132	49/1	16072	44/4	17034	57/1	17285	56/1
15133	50/1	16093	53/3	17035	57/1	17286	56/1
15134	50/1	16097	53/2	17036	57/1	17287	56/1

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21063	201/3
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21156	86/1
21163	85/3
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21219-TLS	238/1
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21232-TLQ	209/4
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21869	198/5
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21873	84/2
21876	198/5
21879	84/2
21882	198/4
21885	84/2
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24017	90/1	24411	88/1	27104	216/1	27300	216/2
24018	90/1	24412	88/1	27105	216/1	27301	216/2
24019	90/1	24413	88/1	27106	216/1	27302	216/2
24020	91/1	24414	90/2	27107	216/1	27303	216/2
24021	91/1	24415	90/2	27108	216/1	27304	216/2
24022	91/1	24416	91/3	27109	216/2	27305	216/2
24023	91/2	24418	91/3	27110	216/2	28000	217/2
24024	91/2	24419	92/1	27117	191/3	28001	99/1
24025	91/2	24422	87/2	27118	191/3	28002	99/1
24035	92/2	24423	87/2 + 229/5	27119	191/3	28003	99/1
24062	92/2	24539	87/2	27120	191/3	28004	99/1
24078	91/2	24540	87/2	27121	97/1 + 101/1	28005	99/1
24079	91/1	24543	201/5	27122	97/1 + 101/1	28006	99/1
24089	91/2	24551	88/1	27124	97/1 + 101/1	28008	99/1
24101	91/1	24594	193/5	27201	216/1	28009	99/1
24114	91/1	24625	193/4	27204	216/1	28010	99/1
24134	88/2	24626	193/4	27207	97/1 + 101/1	28011	99/1
24140	92/2	24627	193/4	27209	97/1	28012	99/1
24145	92/2	24628	201/4	27210	97/1 + 101/1	28013	99/1
24154	91/1	24629	201/4	27211	97/1	28014	99/1
24193	188/5	24630	201/4	27212	101/1	28015	99/1
24194	188/5	24631	201/5	27215	97/1	28017	99/1
24195	188/5	24632	201/5	27216	97/1 + 101/1	28042	217/2
24196	188/5	26001	191/1	27217	101/1	28043	217/2
24197	92/3	26002	191/1	27218	97/1	28044	217/2
24198	92/3	26003	191/2	27219	97/1 + 101/1	28045	217/2
24199	92/3	26004	191/2	27220	97/1 + 101/1	28100	99/2
24200	92/3	26005	191/2	27221	97/1	28101	100/1
24201	92/3	26006	191/2	27222	97/1 + 101/1	28102	99/2
24202	92/3	26008	102/5	27223	97/1 + 101/1	28103	100/1
24208	102/4	26009	103/4	27224	101/1	28104	99/2
24209	102/4	26010	103/4	27227	98/1	28105	100/1
24210	102/4	26012	191/1	27228	98/1 + 101/3	28106	99/2
24211	102/4	26013	191/1	27229	98/1	28107	100/1
24216	91/2	26015	95/2	27230	101/3	28108	99/2
24220	92/3	26020	103/1	27233	98/1	28109	100/1
24221	92/3	26023	95/1	27234	98/1 + 101/3	28111	99/1
24222	92/3	26026	95/1	27235	98/1	28112	99/1
24232	92/2	26028	95/1	27236	98/1 + 101/3	28181	103/2
24241	193/5	26029	95/1	27237	98/1 + 101/3	28182	103/5
24250	201/5	26030	95/1	27238	98/1	28183	103/2
24258	92/1	26033	96/1	27239	98/1 + 101/3	28184	103/5
24279	92/3	26036	95/1	27240	98/1 + 101/3	28298	224/3
24320	92/2	26050	93/1	27241	101/3	28312	224/3
24335	90/1	26051	93/1	27244	98/1	28313	224/3
24336	88/2	26052	93/2	27245	98/1 + 101/3	28314	224/3
24337	88/2	26053	93/2	27246	98/1 + 101/3	28315	224/3
24338	88/2	26054	94/1	27247	97/1	28316	224/3
24339	88/2	26055	94/1	27248	97/1 + 101/1	29129	108/4 + 197/3
24340	92/2	26056	94/2	27249	97/1 + 101/1	29132	108/2
24341	92/2	26057	94/2	27267	216/2	29133	108/2
24342	92/2	26065	95/1	27268	216/2	29148	108/2
24362	88/1	27006	98/2	27269	216/2	29149	108/2
24392	87/2	27007	98/2 + 101/4	27270	216/2	29150	108/2
24393	87/2	27008	98/2 + 101/4	27278	101/3	29151	225/2
24398	87/2	27009	98/2	27286	216/1	29152	225/2
24399	87/2	27010	98/2 + 101/4	27287	216/1	29153	225/2
24400	87/2	27011	98/2 + 101/4	27288	216/1	29154	225/2
24401	87/2	27012	101/4	27289	216/1	29951	225/2
24402	87/2	27015	98/2	27291	216/1	31000-TLS	239/1
24403	87/2	27016	98/2 + 101/4	27292	216/1	31001-TLS	239/1
24404	87/2	27017	98/2 + 101/4	27293	216/1	31002-TLS	239/1
24405	87/2	27024	101/5	27294	216/1	31003-TLS	239/1
24406	87/2	27027	209/5	27295	216/2	31004-TLS	239/1
24407	87/2	27043	216/1	27296	216/2	31005-TLS	239/1
24408	88/1	27045	216/2	27297	216/2	31006-TLS	239/1
24409	88/1	27046	216/1	27298	216/2	31009-TLS	239/1

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31012-TLS	239/1	31501	106/2	53420	163/3	71031	219/2
31013-TLS	239/1	31504	106/3	53525	163/2	71071	120/1
31014-TLS	239/1	31505	106/3	53679	165/2	71094	118/2
31015-TLS	239/1	31512	190/2	53681	165/1	71095	118/2
31016-TLS	239/1	31513	190/2	53909	165/1	71097	118/2 + 225/4
31017-TLS	239/1	31514	190/2	54566	172/3	71099	118/2
31018-TLS	239/1	31515	190/2	54567	173/1	71100	118/2
31021-TLS	239/1	31533	105/2	54568	172/2	71101	118/2 + 225/4
31022-TLS	239/1	31534	105/2	54569	172/3	71104	225/5
31023-TLS	239/1	31536	105/2	54580	173/4	71105	118/3
31027	218/2	31605	106/3	54655	172/1	71106	118/3
31031-TLS	239/1	31606	105/3	54657	172/1	71107	118/3
31032	218/1	31611	107/1	54740	173/2	71108	118/3
31045	202/2	31627	194/2	54741	173/3	71109	118/3
31082	106/3	31641	194/2	54801	173/4	71110	118/3
31085	105/3	31642	105/3	54880	172/2	71118	119/1
31086	105/3	31659	105/2	54929	173/2	71119	119/1
31150	218/1	31661	105/2	57074	175/3	71120	119/1
31151	218/1	31662	105/2	57076	174/1	71121	119/2
31152	218/2	31664	105/2	57078	174/2	71122	119/2
31162	218/1	31665	105/2	57092	174/1	71123	119/2
31183	106/3	31666	105/2	57116	174/3	71142	119/5
31186-TLQ	210/3	31669	105/2	57117	174/2	76100	121/3
31207	106/2	31670	105/2	57119	174/3	81000	123/4
31210-TLS	239/1	31671	105/2	57143	162/3	81001	123/4
31240	106/2	31672	105/2	57148	162/1	81002	123/4
31241	106/2	31677	199/2	57250	175/2	81003	123/4
31242	106/2	31681	105/2	57255	162/3	85000	156/1
31243	106/2	31716	202/2	57360	176/4	85002	156/2
31244	106/2	31719	202/2	57623	162/2	85005	157/2
31245	106/2	31723	105/3	57829	175/2	85006	156/1
31246	106/2	31724	106/3	57996	162/2	85007	156/2
31247	106/2	31752	189/1	58001	241/2	85008	156/3
31251	106/3	31779	194/1	58004	241/3	85009	157/1
31257	105/3	31858	105/3	58009	241/1	85016	157/1
31266	202/2	31865	218/1	58010	241/2	85034	157/2
31298	106/2	31866	218/1	58013	241/3	85036	156/3
31299	106/2	31877	218/2	58018	241/1	89000	130/3
31301	106/2	31884	105/2	58019	241/2	89002	130/2
31302	106/2	31955	105/2	58022	241/3	89003	130/1
31303	106/2	31956	105/2	58027	241/1	89004	130/2
31304	106/2	31957	105/2	58028	241/2	89006	130/1 + 231/4
31305	106/2	31959	105/2	58031	241/3	89010	131/3
31306	106/2	31962	105/2	58036	241/5	89013	132/1
31307	106/2	31964	105/2	58037-BE	181/3 + 241/4	89015	132/1
31308	106/2	31965	105/2	58058	78/5	89016	131/1
31309	106/2	31966	105/2	58110	220/3	89017	132/2
31310	106/2	31967	105/2	58111	220/3	89022	132/3
31311	106/2	31968	105/2	58370	180/4	89028	132/2
31312	106/2	31970	105/2	58387	220/3	89037	131/2
31313	106/2	31971	105/2	58388	220/3	89038	132/3
31314	106/2	31972	105/2	58400	108/1	89040	131/2
31318	218/1	31973	105/2	58401	108/1	89044	131/3
31319	218/1	31974	105/2	58402	108/1	89048	132/4
31320	218/1	31975	105/2	58502	220/4	89070	133/3
31321	218/1	31976	105/2	58503	220/4	89075	133/2
31322	218/1	31979	105/2	58511	220/4	89076	133/3
31323	218/1	31981	105/2	58517	220/5	89084	133/1
31324	218/2	31983	105/2	58590	220/3	89085	133/1
31325	218/2	31984	105/2	58602	220/4	89086	133/2
31326	218/2	43003	195/3	58607	220/4	89094	134/2
31327	218/2	45044	197/2	61101	240/5	89095	134/3
31328	218/2	52480	168/3	61128	240/5	89099	134/2
31329	218/2	52638	168/2	61133	240/1	89101	134/3
31417	107/1	53141	163/2	61134	240/2	89107	134/1
31457	106/2	53213	164/3	61402	240/3	89119	135/2
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89127	135/1	110563	38/1	120585	74/1	210030	84/3
89128	136/1	110564	38/1	120586	74/1	210067	188/4
89129	136/1	110565	38/1	120587	74/1	210077	215/1
89134	136/2	110566	38/1	120588	74/1	210078	215/1
89142	135/3	110567	38/1	120589	74/1	210169	84/2
89146	134/1	110568	38/1	120590	74/1	210170	84/2
89148	136/3	110569	38/1	120591	74/1	210171	84/2
89987	136/3	110570	38/1	120592	74/1	210176	84/2
110000	42/4	110571	38/1	121317	74/2	210178	84/2
110014	43/2	110572	38/1	122001	66/3	210179	84/2
110015	43/2	110573	38/1	130040	192/3	210184	84/2
110016	43/2	110574	38/1	130055	200/4	210185	84/2
110017	43/2	110575	38/1	130077	192/3	210186	84/2
110018	42/3	110576	38/1	130111	76/1	210193	84/2
110019	42/4	110577	192/1	130114	66/1	210197	84/2
110020	43/1	110578	192/1	130119	70/2	210222	85/1
110054	236/2	110579	192/1	130130	66/1	210234	85/1
110073	36/3	110580	200/1	130131	70/2	210238	193/2
110075	39/1	110581	200/1	130153	66/1	210256	215/2
110094	38/3	110583	200/2	130154	70/2	210263	215/2
110098	42/4	112001	36/1	130156	209/2	210264	215/2
110129	236/1	112002	36/1	130158	69/3	210265	215/2
110130	236/1	120025	214/1	130196	223/3	210358	193/2
110140	192/2	120026	214/1	130232	200/4	210402	193/2
110322	36/3	120027	214/1	130269	223/1	210403	215/1
110328	200/2	120029	214/1	130270	223/1	210404	215/1
110353	192/1	120030	214/1	130271	223/1	210405	215/1
110383	37/2	120031	214/1	130272	223/1	210406	215/1
110387	43/1	120032	214/1	130273	223/1	210408	215/1
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110394	192/1	120035	214/2	130275	223/2	210410	215/1
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110415	37/2	120037	214/2	130277	192/3	210413	215/2
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110435	38/3	120041	214/2	130279	192/4	210415	215/2
110436	38/3	120042	214/2	130280	200/3	210417	215/2
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110446	39/2	120150	192/5	130282	200/3	210421	215/2
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110452	39/3	120158	77/3	130315	223/3	210423	215/2
110468	39/3	120159	77/3	132001	64/1	210550	188/4
110481	200/1	120161	77/3	132002	64/1	210575	85/2 + 238/2
110486	37/3	120162	77/3	160048	54/1	210576	85/2 + 238/2
110487	37/3	120256	192/5	160049	54/1	210577	85/2 + 238/2
110488	40/1	120274	72/3	160052	54/1	210581	85/2 + 238/2
110489	40/1	120275	200/5	160053	54/1	210582	85/2 + 238/2
110541	37/1	120277	200/5	160055	54/1	210583	85/2 + 238/2
110542	37/1	120280	193/1	160056	54/1	210584	238/2
110543	37/1	120282	192/5	160057	54/1	210587	85/2 + 238/2
110544	37/1	120306	68/3	160058	54/1	210588	85/2 + 238/2
110545	37/1	120307	73/2	160087	190/5	210589	85/2 + 238/2
110546	37/1	120320	72/3	160177	54/2	210593	85/2 + 238/2
110547	37/1	120321	68/3	160178	54/2	210594	85/2 + 238/2
110548	37/1	120322	73/2	160179	54/2	210595	85/2 + 238/2
110549	37/1	120336	200/5	160180	60/2	210599	85/2 + 238/2
110550	37/1	120342	72/3	160181	60/3	210600	85/2 + 238/2
110551	37/1	120368	200/5	160182	61/2	210601	85/2 + 238/2
110552	37/1	120387	73/2	160184	61/3	210605	85/2 + 238/2
110553	37/1	120431	68/3	160290	54/3	210606	85/2 + 238/2
110554	37/1	120436	223/4	160438	190/4	210607	85/2 + 238/2
110555	37/1	120437	223/4	160467	203/1	210628	201/2
110556	37/1	120438	223/4	160468	203/1	210636	188/4
110557	37/1	120439	223/4	160470	203/1	210668	193/2
110558	37/1	120440	223/4	160471	203/2	210710	224/2
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1. Scope of applicability, master agreement, contract conclusion

1.1 The following Terms and Conditions shall apply exclusively for our deliveries and services to entrepreneurs (§ 14 of the German Civil Code (BGB)). Any purchasing terms and conditions to the contrary are not legally enforceable, even if we do not explicitly reject them. By placing an order and/or accept- ing the delivery thereof, the buyer acknowledges acceptance of our terms and conditions.

1.2 An order becomes binding for us once we have issued a written confirmation or upon having begun to fulfil the order. All agreements concluded between us and the ordering party for the purpose of performance of this contract are recorded in writing in this contract.

1.3 The following terms and conditions apply to existing business relationships as well as to future business dealings which do not specifically make reference to them.

2. Offers, cost estimates, prices and the reserved right to make price changes

2.1 Our offers, as well as the prices and delivery options stated in our catalogues, printed materials, letters, etc. are subject to change without notice; cost estimates are non-binding.

2.2 All orders shall only be accepted on the basis of prices valid at the time of order placement. Our prices are understood to be in euro (Incoterms® 2010), ex works, exclusive of the respective VAT, and excluding freight, customs duty, additional import fees, packaging and insurance, which maypossibly have to be charged separately.

2.3 With respect to all orders – including call-off orders and multiple delivery contracts – for which the delivery, as provided for in the contract or at the request of the ordering party, takes place later than four months after order placement, we are authorised within the scope of the order and as com- pensation to pass along to the ordering party any material and labour price increases occurring between contract conclusion and actual delivery.

2.4 For new orders (including follow-up orders), we are not obligated to any previous prices.

3. Commercial and intellectual property rights

3.1 The sales documents made available by the selling party – such as drafts, drawings, advertising and video material – shall still remain property of the selling party even if proportional costs have been remunerated for this purpose by the buyer.

3.2 The selling party unrestrictedly reserves all of his commercial rights, intellectual property rights and exploitation rights to cost estimates, drawings and other documents (hereinafter referred to as: Documents). The documents may only be made accessible to third parties upon the prior consent of the selling party, and must be – in the event that the order is not issued to the selling party – promptly returned to the selling party at his request. Clauses 1 and 2 apply correspondingly to documents of the buyer; these may however be made accessible to those third parties whom the selling party has permissibly commissioned to carry out deliveries.

4. Shipping, costs, transfer of risk

4.1 The shipping shall take place on the account and risk of the buyer. We bear no liability – also not in the case of carriage paid delivery – for damage or losses incurred during transport. If nothing else has been agreed, we shall decide on the type of packaging and means of shipping.

4.2 If shipment is delayed due to circumstances for which we bear no responsibility, then the transfer of risk shall take place on the day that the buyer has been notified of the readiness for shipment.

5. Packaging

5.1 Insofar as nothing to the contrary has been agreed, we shall select the packaging, mode of shipment and the shipping route.

5.2 If the goods have been billed according to weight, then the usage of packaging and wrapping material shall be calculated at a price according to the gross weight.

5.3 Special, not commercially customary packaging material shall be charged extra.

5.4 Upon the written request of the buyer, the goods shall be insured at his own expense against risks to be determined by him.

6. Delivery deadlines and liability provisions, acceptance obligation in case of blanket orders and call-off orders, return deliveries

6.1 The delivery period shall begin as soon as all delivery details have been clarified, both parties agree on all of the terms and conditions of the transaction and the ordering party has effected payment of an agreed instalment, if applicable. The delivery deadline has been complied with if, until it expires, either the delivery item has departed the plant or the ordering party has been notified as to its readiness for shipment.

6.2 The adherence to our delivery obligation within the agreed delivery deadline further presupposes the prompt, correct and complete fulfilment of all obligations on the part of the buyer. The right to objection of the non-fulfilment of contract remains reserved.

6.3 If our delivery does not take place in adherence to the deadline and also not within an extended deadline – which must consist of at least 20 workdays – set by the ordering party, due to reasons for which we bear responsibility, then the ordering party is entitled to void the ordered delivery.

6.4 In the event of subsequent order amendment, we are no longer bound to the originally assured and confirmed delivery deadline.

6.5 Subsequent order amendments, quantity changes and cancellations can only be accepted if they do not entail any costs for us; otherwise, we shall be compelled to charge the buyer for the costs.

6.6 In case of contracts with continuous delivery, the arrangement according to class and type must be communicated to us in due time. If call-offs of partial quantities are not communicated in due time, we shall be authorised to – after first having set an indisputable extended deadline – designate and deliver partial quantities ourselves, or alternatively to withdraw from the nonfulfilled portion of the contract as per the further prerequisites of Paragraph 6.8 and to require indemnification as restitution for the ensuing loss that we suffer. The right to enforcement of further damage claims as might possibly arise remains undiminished.

6.7 The regulation in Paragraph 11 shall apply for compensation claims due to delayed fulfilment or non-fulfilment in lieu of performance.

6.8 If force majeure or circumstances for which we cannot be held accountable (e.g. operational disruptions, strikes) hinder us in the punctual fulfilment of the order, we are then entitled in order to fulfil assumed obligations to reasonably postpone delivery or, if the hindrances consequently make contract performance impossible, to withdraw from the contract in whole or in part. The same holds true if we have not received delivery of material at all, or with delay, from our suppliers which we have ordered from them and which is required for fulfilment of the order, due to reasons for which we cannot be held accountable. The prerequisite for a withdrawal is that we promptly inform the ordering party about the unavailability and, as the case may be, immediately refund any consideration provided by the ordering party. Claims for indemnification of any kind are hereby excluded.

6.9 Partial deliveries are permissible.

7. Quality guidelines for production and delivery

7.1 Tolerances:
As a rule, we apply quality assurance methods to our production, which as a minimum comply with ISO 9001 requirements. Production is carried out based on the respectively applicable testing and assessment guidelines, as well as the tolerances for weight, dimensional and quantity variations specified therein.

7.2 Production processes
The selling party thereby reserves the right to change the production processes insofar as the buying party has not required any restrictions or infor- mation obligation with regard to them.

8. Retention of title

8.1 We shall retain title to the delivery item (goods subject to retention of title) until all of our accounts receivable due from the ordering party from the business relationship, including any accounts receivable which might arise in the future – comprising those contracts concluded at the same time or at a later date, have been settled. In case of running accounts, the retainedtitle and all rights apply as collateral for our entire current account balance claims, together with interest and costs. In the event of seizures or other intervention by third parties, the ordering party must immediately inform us.

8.2 The ordering party is authorised to process and resell the delivery item in the ordinary course of business. This authorisation shall end if the ordering party is in payment default, or additionally in case of the cessation of payments by the ordering party, or if the opening of insolvency proceedings has been filed against the assets of the ordering party (default / enforcement event). The ordering party is obliged to resell the item delivered under reservation of title only under the condition of title retention and to ensure that the accounts receivable derived from the resale are transferred to us as per 8.5. Also regarded as resale is if the goods subject to retention of title are used to fulfil works contracts and works-supply contracts. The ordering party is not entitled to any other dispositions regarding the goods subject to retention of title, particularly the pledging of goods or transfer of security. An assignment of accounts receivable from the transfer of our goods subject to retention of title is not permitted, unless it is a matter of an assignment within the course of true factoring, which must be shown to us and for which the value of the factoring proceeds exceeds the amount of our secured receivables. Our accounts receivable are due immediately once the factoring proceeds have been credited.

8.3 Pursuant to Art. 950 of the BGB, the ordering party does not acquire ownership of a new item through the treating and processing of the goods subject to retention of title. The processing or transformation is undertaken for us without obligating us. The treated and processed goods are regarded as goods subject to retention of title.

8.4 In the case of processing, combining and mixing of the goods subject to retention of title with other goods,

our claim entitlement to co-ownership of the new good amounts to the proportional invoice value of the goods subject to retention of title in comparison with the invoice value the other goods used. If our property rights are rendered null and void through combining, mixing or processing, consequently the ordering party shall immediately transfer to us the property rights and expectancy rights pertaining to the new form of the item to which he is entitled proportionate to the invoice value of the goods subject to retention of title and, in the case of processing, proportionate to the invoice value of the goods subject to retention of title vis-à-vis the invoice value of the other goods used, and maintain custody of it for us free of charge. Our co-ownership rights are regarded as goods subject to retention of title.

8.5 The accounts receivable of the ordering party derived from the reselling of the goods subject to retention of title are to be assigned to us now by way of security. These serve as collateral in the same scope as the goods subject to retention of title. If the goods subject to retention of title are resold by the ordering party together with other goods, then the accounts receivable derived from the resale shall be assigned to us proportionate to the invoice value of the goods subject to retention of title vis-à-vis the invoice value of the other goods. In the event of a resale of the goods for which we hold co-ownership shares as per 8.4, a share of the accounts receivable shall be assigned to us corresponding to our coownership share. Other accounts receivable which take the place of the goods subject to retention of title or which otherwise arise with respect to the goods subject to retention of title - such as insurance claims and claims from a breach of duty or an unlawful act - shall also be assigned. The ordering party is irrevocably entitled to collect the accounts receivable assigned to us in his own name. We may revoke the direct debit mandate in the case of a default / enforcement event.

8.6 The ordering party authorises us to inform the customer of the assignment and to collect the accounts receivable as soon as the default / enforcement event occurs. We can require a review of the status of the assigned accounts receivable by our agents based on the bookkeeping of the ordering party. The ordering party must provide us with a list of the residual goods subject to retention of title and all information necessary for asserting the assigned accounts receivable, including a list of his accounts receivable from the resale of the goods subject to retention of title with the name and address of the customer.

8.7 If the value of the existing collateral exceeds the total secured receivables by more than 10%, then at the request of the ordering party we are obliga- ted to release collateral to that extent, at our discretion and in observance of the interests of the ordering party. The collateral value is regarded as the invoice value for simple and subsequent retention of title at which the ordering party procures the goods from us, and for extended retention of title the invoice value at which the ordering party resells our goods, each with a valuation discount of one third of the subscription price or the nominal value of the assigned accounts receivable.

8.8 In the event of cheques or other means of payment, payment is only then regarded as having been made after secured posting of the sum by the ordering party. We shall only accept cheques on account of performance. Payments that have been made against the transfer of a cheque or another means of payment are only then considered as having been remitted once a reversal to us is precluded. Notwithstanding our extended collateral rights, the collateral ceded to us up to this point in time continues to exist.

8.9 Based on the retention of title, we can require the possession of the delivery item if we have withdrawn from the contract. We are authorised to withdraw without taking into account any of the further prerequisites of Art. 323 of the BGB, in particular without having to set a deadline, from that point in time at which the ordering party has defaulted on payment in whole or in part. The same holds true if the ordering party has ceased payment or if the opening of insolvency proceedings has been filed against the assets of the ordering party. All costs arising from the repossession of the delivery item shall be borne by the ordering party. We are authorised to freely dispose of the reclaimed delivery item.

9. Notification of defects, claims for defects, liability provision

9.1 Notwithstanding the continued duty of inspection, notification, and rejection due in a mutual commercial transaction, the ordering party is obligated to inspect the delivered goods for apparent flaws and report to us in writing any complaints with respect to such apparent flaws – this also applies to incomplete or incorrect deliveries – within one week after having received the goods; and, furthermore, with respect to flaws which only later become apparent, within one week after they have been detected by the ordering party. Otherwise, the goods shall be regarded as having been accepted, also with regard to apparent flaws, and the ordering party can thus not derive any rights therefrom with respect to us. This does not apply to a direct sale to a private consumer. In the event of legitimate notification of defects, we are obligated to rectification of the flaw of the delivered goods free of charge or, at our discretion, replacement delivery. If the rectification or replacement delivery fail despite two attempts, or if we unjustifiably refuse these or cause unconscionable delay, then the ordering party is entitled to abatement of the remuneration or, if construction work is not object of the liability for defects, to require rescission of the contract at his discretion.

9.2 Claims for damages due material defects are governed by the following in Paragraph 11.

9.3 Claims for defects are unwarranted if the flaw is traceable back to a violation of the operating, maintenance or installation specifications, unsuitable or improper use, incorrect or negligent handling by the ordering party and natural wear and tear, as well as due to intervention undertaken in the delivery item by the ordering party or third parties.

10. Terms and conditions of payment and consequences in case of noncompliance, offsetting

10.1 Insofar as nothing to the contrary has been agreed, our accounts receivable are to be paid free of postage and other charges within 30 days after having received our invoice or an equivalent statement of accounts receivable, at the latest however 30 days after the due date and receipt of the consideration provided. For payments remitted thereafter we shall charge interest at an annual rate of 8%.

10.2 In case of drafts and cheques, payment is only then regarded as having been remitted after the sum has been posted. Discounts and charges shall be borne by the ordering party.

10.3 We shall only accept drafts and cheques on account of performance, and drafts only upon special agreement. Independent of the term period of accep- ted drafts or a granted forbearance, our accounts receivable are due immediately if the ordering party does not adhere to the terms and conditions of payment or circumstances that could cast doubt on his creditworthiness become known. Furthermore, in a case such as this we are authorised to only carry out deliveries against payment in advance or the provision of collateral, or to withdraw from the contract after a reasonable extended deadline, and/or to require indemnification.

10.4 Only counterclaims that are undisputed or have been legally determined to be valid can be offset by the ordering party vis-à-vis our accounts receivable. A right of retention is excluded unless the counterclaim is undisputed, has been stated as legally binding or is ready for decision.

11. 11. Liability for compensation (limitations and exclusions)

11.1 If essential contractual obligations - major obligations whose fulfilment allows the proper execution of the contract and on whose fulfilment the ordering party may rely - are breached, we shall also be liable in the event of simple negligence; however, any claims are limited to compensation for damages which were foreseeable and typical of the contract at the time of the contract conclusion.

11.2 Otherwise - unless the breach of an essential contractual obligation is concerned and subject to the following Paragraph 11.4 - our liability for compen- sation shall be limited to damages resulting from a grossly negligent breach of duty on the part of our legal representatives or agents, regardless of the legal grounds and including an unlawful act, insofar as this involves culpability. Indirect damages or damages resulting from defects to the delivery item are only eligible for compensation if such damages are typically expected from the intended use of the delivery item.

11.3 The aforementioned liability exclusions and limitations shall apply to the same extent in favour of our bodies, legal representatives, employees and other agents.

11.4 The aforementioned liability exclusions and limitations shall not apply for damages as a result of injury to life, limb or health based on a negligent breach of duty on our part or an intentional or negligent breach of duty on the part of our legal representatives or agents. Similarly, claims from a warranty or according to the Product Liability Act shall not be affected by this.

12. Place of performance, competent court of jurisdiction and applicable law

12.1 Place of performance is the location of our supplying factory.

12.2 The place of jurisdiction for contracts with merchants, legal entities under public law and separate funds under public law is the registered office of the Bals contracting company. We reserve the right, however, to take action against the ordering party before the competent courts for his registered office.

12.3 For all deliveries and services from German Bals companies, German law shall apply for transactions within the EU with the exception of the UN Convention on the International Sale of Goods; the UN Convention on the International Sale of Goods shall apply for international transactions with companies outside of the EU along with German law if the former does not contain any appropriate regulations. For Bals companies which are not based in Germany, the respective law in that country shall apply, with the UN Convention on the International Sale of Goods taking priority.

(Published in January 2019)

made
in
Germany

Bals

Simply. Well. Connected.

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