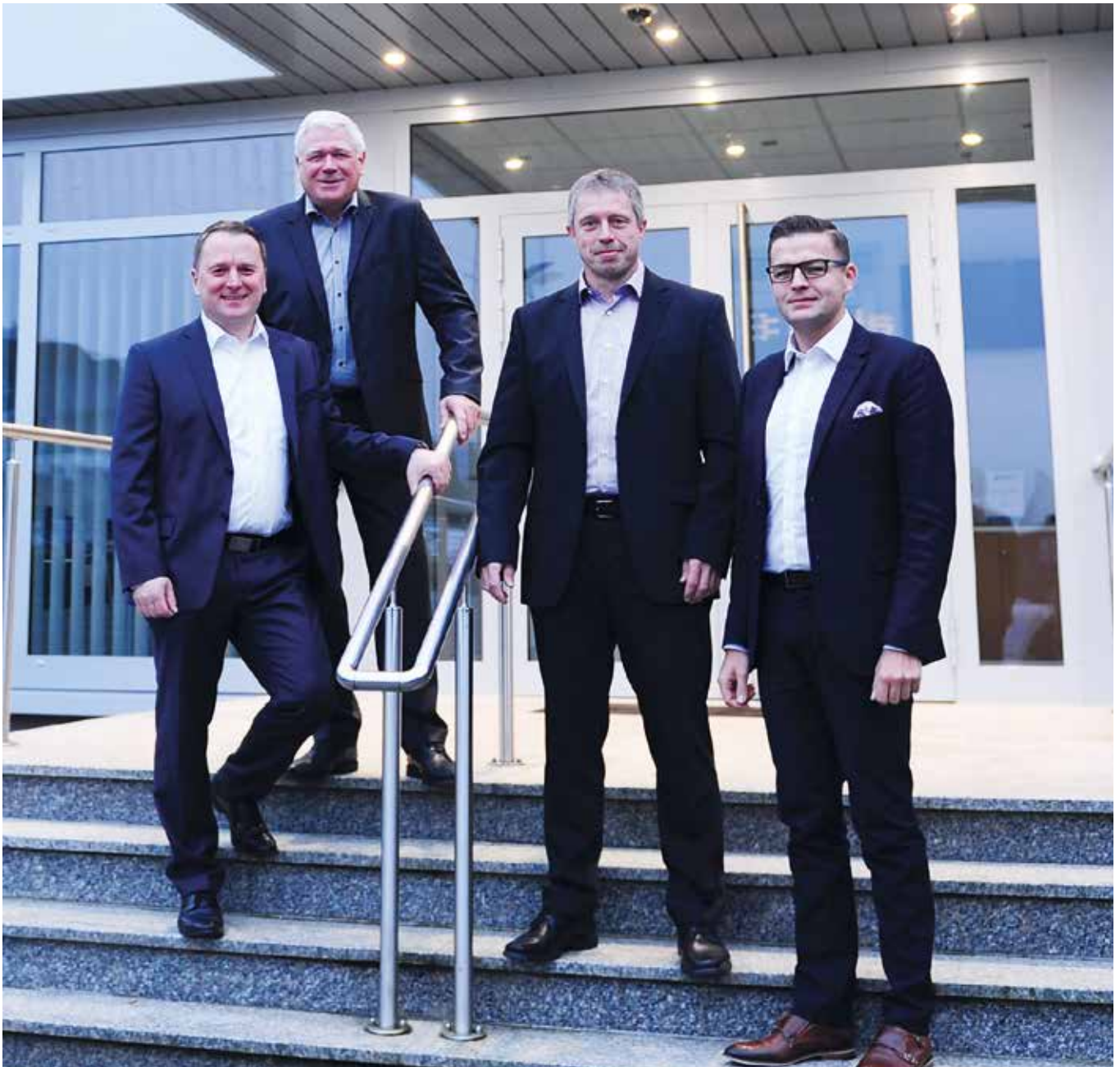




Main catalogue



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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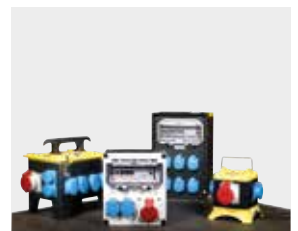
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About half a century competence and experience

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, Würdinghausen and Freivalde have highly skilled and motivated teams, the very latest manufac-

turing 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.



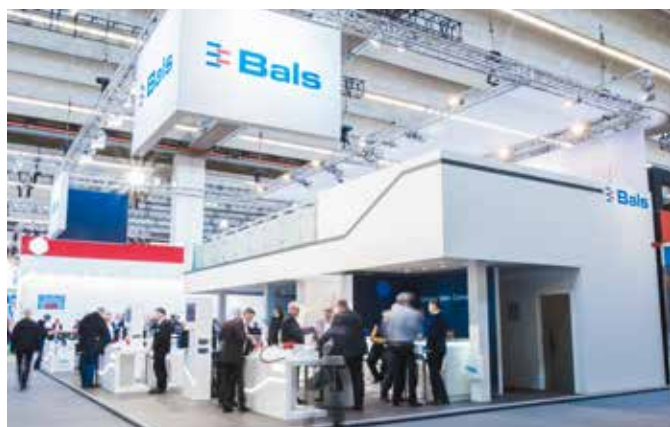
Three modern factories a consistent quality standard

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 Freivalde (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. Our plant in Würdinghausen is brand new, this is where the components for Emobility are manufactured. Our training center is located in the adjoining building.



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.



People make the difference

Over 300 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 stan-



dards 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

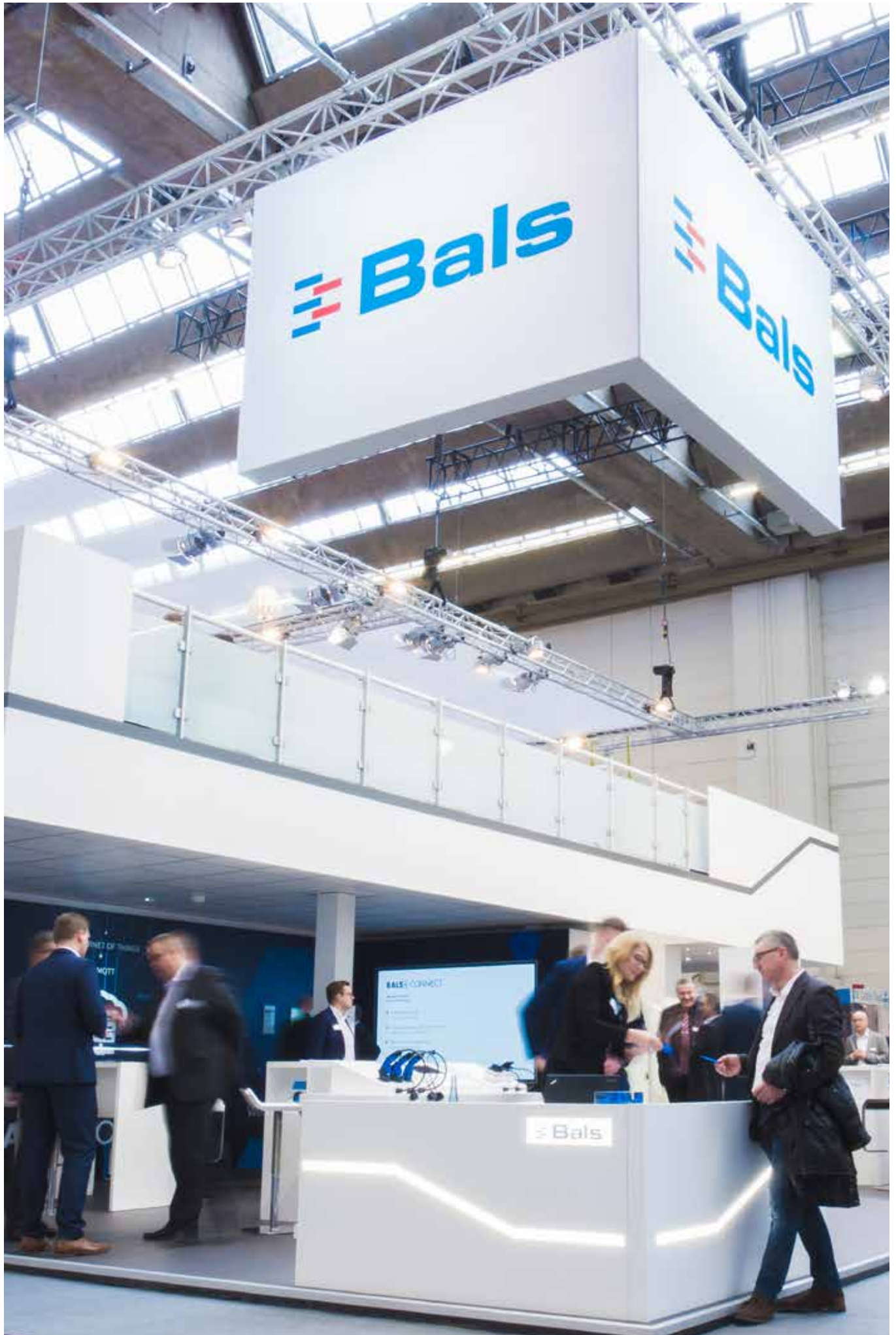
Quality does not permit any compromise. This has always been the maxim at Bals. The ISO-9001-certified production process in all factories ensures the well-known high product quality. This proof of quality is reflected in patents, certificates from German and foreign testing institutes, as well as the 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

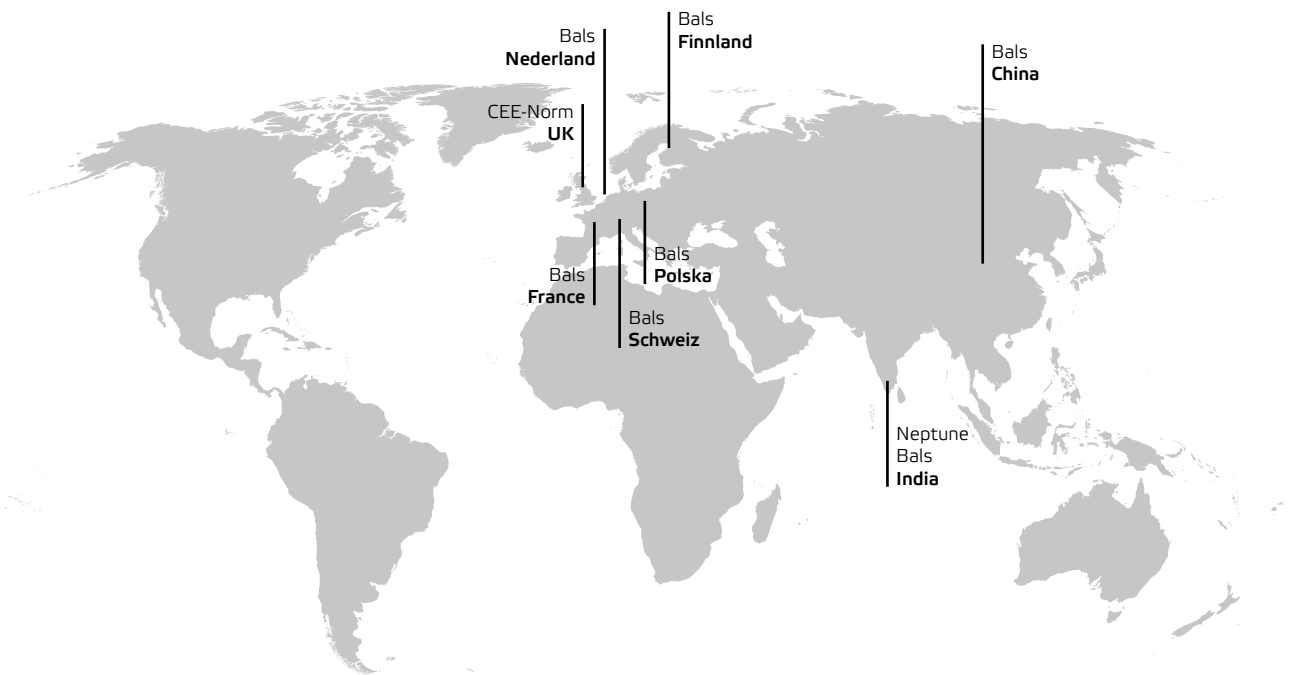
As a family-owned company, we are well aware of our special responsibility. We keep jobs safe, encourage the development of every individual and are loyal to our sites which we care for and permanently develop in the long term. Thinking about the future is also important to us: For this reason, we create 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.



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 9 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



INNOLINQ

Our new, pioneering industrial plugs and sockets combine the highest demands for innovative technology, with resource-conserving production and the highest environmental standards providing products of the highest quality giving the "Made in Germany" seal of approval. The new design has been engineered for improved ergonomics, maximum stability, larger contact areas as well as reduced plugging and pulling forces. INNOLINQ contains no lead and is produced using only recyclable materials, thereby fulfilling the principle of sustainable production.

Resource-saving

INNOLINQ with QUICK-CONNECT contains no lead and is produced using only recyclable materials, thereby fulfilling the principle of sustainable production. It satisfies the strict planned EU REACH & RoHS directives of the future.

VDE-certified

The VDE symbol is the guarantee for tested, safe and standards-compliant products, including of course INNOLINQ. We monitor and document the high product standards in our own testing laboratory using selected thermal, mechanical and electrical tests.

Secure connection

INNOLINQ with QUICK-CONNECT guarantees a secure termination and thanks to the spring-connection technology, is resistant to vibrations and temperature fluctuations. The terminal visually and audibly locks the inserted stripped conductor at the touch of a finger ensuring a reliable and permanent connection.

Improved ergonomics

The improved contours of the housing and cable gland simplify handling and offer a perfect grip in every situation. An ideally placed recess for the thumbs further simplifies the opening of the connector cover. This shows that a modern design with simple handling is possible with this product range.

Extremely robust

Industrial plugs and sockets must be able to withstand extreme mechanical, thermal and chemical stresses. We therefore manufacture INNOLINQ from selected, recyclable and yet extremely durable materials - for maximum longevity and reliability.

Screwless installation

Install without tools thanks to QUICK-CONNECT connection technology. It's this easy: unscrew the housing, feed the connection cable through the open MULTI-GRIP cable gland. Guide the stripped conductors into the open terminals and lock in place with a simple click. Securely tighten housing parts and MULTI-GRIP cable gland.



Improved housing contours ensure simple handling, perfect grip and modern design.



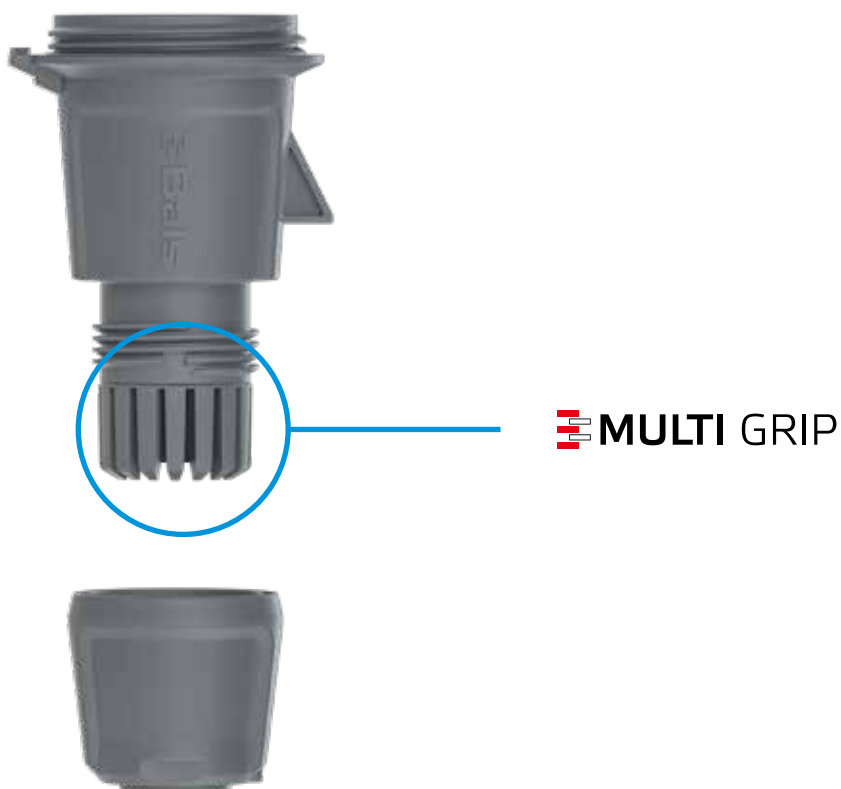
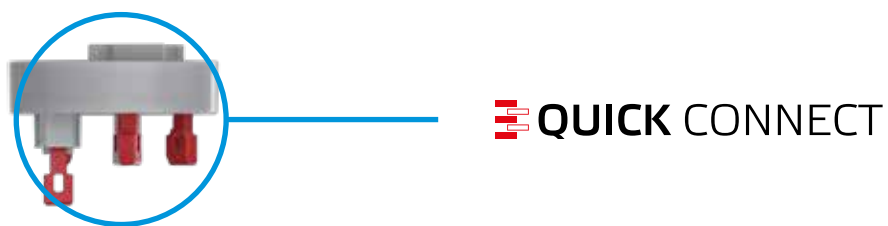
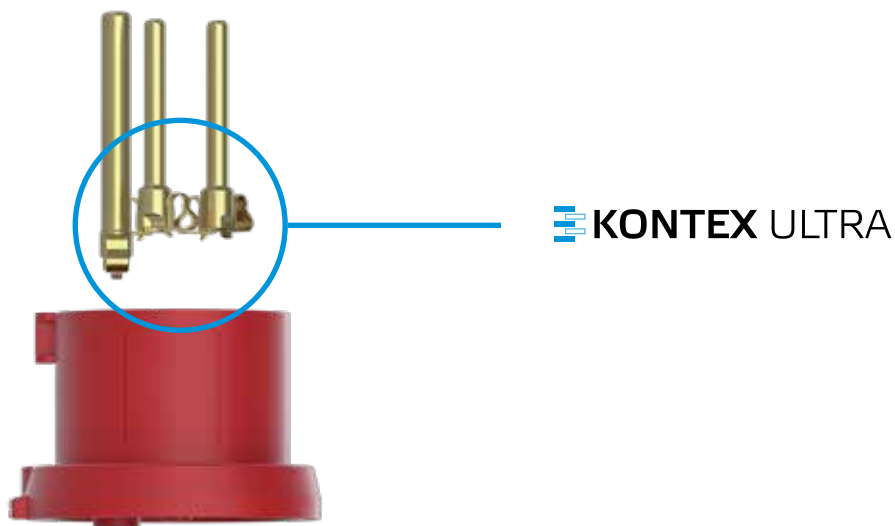
The new INNOLINQ plugs and sockets are available from 16A to 32A.



Sustainable. Reliable. Innovative.

The new INNOLINQ series is the result of intensive research and development. The KONTEX-ULTRA connection technology is completely new – with contacts that are not only lighter than before, but also significantly reduce resource consumption – while maintaining stability and conductivity.

In addition, two proven Bals technologies that previously set new standards on the market were further improved – the patented QUICK-CONNECT connection technology and the MULTI-GRIP cable gland system.



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QUICK CONNECT

The classic - now even better. Thanks to the improved QUICK-CONNECT technology installation and termination is now even more secure.



Vibration-resistant

QUICK-CONNECT is insensitive to shocks, vibrations and temperature fluctuations. Thanks to spring-connection technology, the optimum connection of conductor and terminal can withstand even the most rigorous long-term vibration tests of independent testing institutes. A big advantage over standard screw connections, which tend to be prone to failure.



Greater contact surface

The newly designed spring terminal features an improved contact angle. The contact surface is thereby increased by nearly 70 %. This ensures a significantly better connection between conductor and contact.



Secure connection

INNOLINQ with QUICK-CONNECT guarantees a secure termination and thanks to the spring-connection technology, is resistant to vibrations and temperature fluctuations. The terminal visually and audibly locks the inserted stripped conductor at the touch of a finger ensuring a reliable and permanent connection.



Maintenance-free

QUICK-CONNECT is completely maintenance-free. The contact of the spring is optimised and preset ensuring a permanent constant pressure on the copper. Our conductor clamping thereby guarantees an optimum connection over the entire lifetime. Frequent inspections as with screw contacts are not necessary.



For all copper conductors

On delivery, the QUICK-CONNECT terminals are open and are suitable for copper conductors of all types and qualities – irrespective of conductor diameter and insulation type. Whether solid or flexible, with or without ferrule – the terminal accepts all copper conductors.

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

QUICK-CONNECT plugs and connectors 16A:	1 mm ² - 2.5 mm ²	(flexible conductors)
QUICK-CONNECT panel and surface mounting socket outlets 16A:	1.5 mm ² - 4 mm ²	(rigid and multi-wire conductors)
QUICK-CONNECT plugs and connectors 32A:	2.5 mm ² - 10 mm ²	(flexible conductors)
QUICK-CONNECT panel and surface mounting socket outlets 32A:	2.5 mm ² - 10 mm ²	(rigid and multi-wire conductors)
QUICK-CONNECT plugs and connectors 63A:	6 mm ² - 16 mm ²	(flexible conductors)
QUICK-CONNECT panel and surface mounting socket outlets 63A:	6 mm ² - 25 mm ²	(rigid and multi-wire conductors)



Insert the stripped conductor in open terminals and close with a click.



Easy opening of the clamp with a standard screwdriver.



KONTEX ULTRA

Extra stable, patented and REACH- & RoHS-compliant - that is the new KONTEX ULTRA connection technology from Bals. KONTEX-ULTRA was developed under the title „Green-Connect“ to meet the environmental demands of an evolving industry.

Reach- & ROHS-compliant

INNOLINQ with QUICK-CONNECT satisfies the strict planned EU REACH & RoHS directives of the future.

Reduced plugging and pulling forces

Smooth surfaces on the pin and an improved sleeve design reduce the insertion and withdraw forces when plugging in or unplugging our INNOLINQ plug and socket systems. Furthermore, increased fitting accuracy simplifies handling considerably.

Resource-saving

INNOLINQ with QUICK-CONNECT contains no lead and is produced using only recyclable materials, thereby fulfilling the principle of sustainable production. It satisfies the strict planned EU REACH & RoHS directives of the future.

Improved conductivity

Our INNOLINQ products guarantee optimum contact and conductivity. This is ensured by a specially developed base material in combination with a highly complex strain-hardening technology of the contacts.



A special base material and highly complex, reinforced contacts improve the conductivity.



KONTEX-ULTRA now available in versions 16A and 32A.



MULTI GRIP

The original. We have revised the proven MULTI-GRIP principle -the cable entries now take even larger cable cross-sections.



Integrated strain relief

The universal MULTI-GRIP cable gland securely holds and seals a wide range of cable diameters. Simply turn to close, finished! Our MULTI-GRIP system fastens the cable and simultaneously ensures secure strain relief – without damaging the cable.



IP67-certified

The MULTI-GRIP cable glands achieve a minimum protection rating of IP67. The exterior strain relief system sits against the captive seal and prevents the penetration of water and dirt into the connection cavity of the plug system even if the cable is moved.



Maximum tensile strength

The tensile strength of our MULTI-GRIP cable gland exceeds the values specified in standards IEC 60309, EN 60309 and VDE 0623 many times over. Condition control and any maintenance of the strain relief can be performed from the outside without opening the plug system.



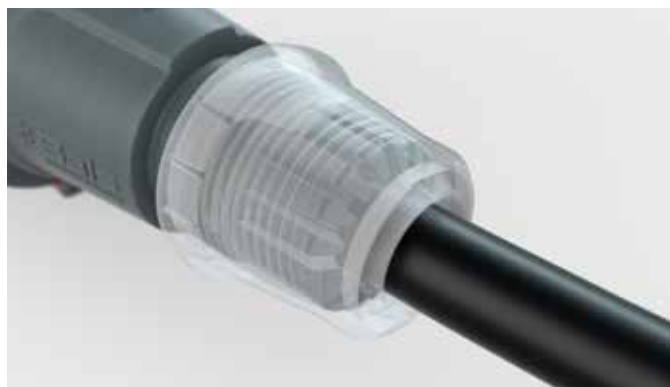
Larger cable cross sections

We have completely redesigned the cable entries of the INNOLINQ series of plug and socket systems to offer even more flexibility in use. The positive result: even larger cable diameters can now be used than in previous designs.

The following cable diameters fit into MULTI-GRIP:

TE- and TE-Plus plugs and connectors	Cable diameter	TLS and INNOLINQ plugs and connectors	Cable diameter
16A 3 and 4pole TE u. TE-Plus	Ø8 mm - Ø18 mm	TLS 16A 3 to 5pole	Ø8 mm - Ø18 mm
16A 5pole. TE and TE-Plus	Ø10 mm - Ø21 mm	TLS 32A 3 to 5pole	Ø11 mm - Ø23 mm
32A 3 and 4pole TE and TE-Plus	Ø11 mm - Ø23 mm	INNOLINQ 16A 3pol.	Ø7 mm - Ø18 mm
32A 5pole TE and TE-Plus	Ø13 mm - Ø27 mm	INNOLINQ 16A 4 u. 5pol.	Ø8 mm - Ø21 mm
63A 3 to 5pole TE and TE-Plus	Ø16 mm - Ø36 mm	INNOLINQ 32A 3 bis 5pol.	Ø11 mm - Ø29 mm
125A 3 to 5pole TE	Ø26 mm - Ø50 mm		

A reducer (type 29129) is available for all 16A plugs and sockets (see page 110). It allows cable diameters of less than ø 8 mm to be sealed tightly.



The MULTI-GRIP system fastens cables of various cross sections and ensures a secure strain relief.



The cable entries now accept even larger cable cross sections – for even more flexibility.



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



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

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 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?

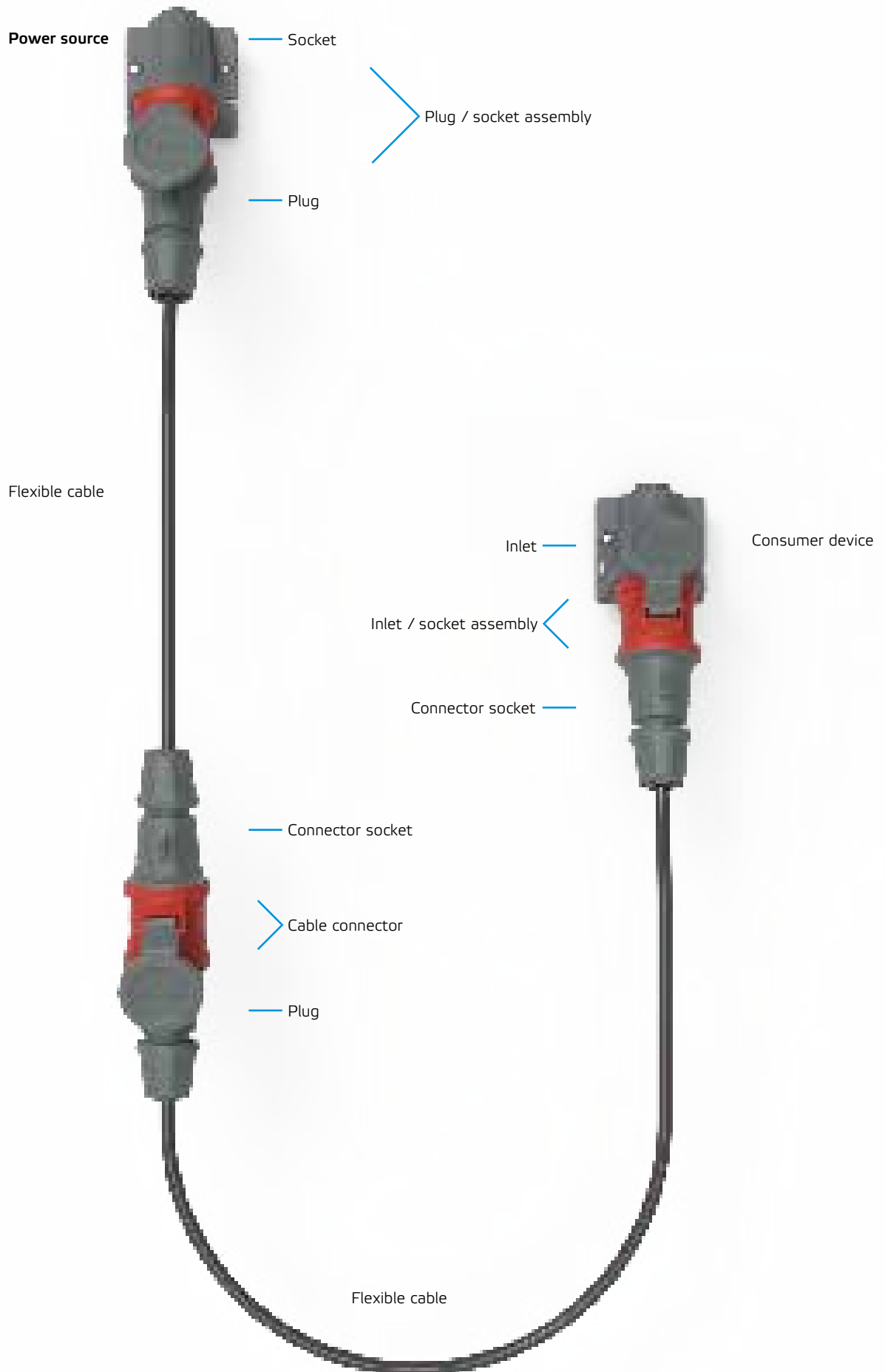
DIN EN 61439 forms the basis for a clear definition of the performance promise that has been agreed between the user and manufacturer of a switchgear or controlgear system. Therefore, the fulfilling of the performance promise can be evaluated and represented for both parties. The effort involved in applying 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.

I_n rated current of the assembly	IP degree of protection
I_{cc} rated conditional short-circuit current	U_{imp} rated voltage
RDF Rated load factor	

Type label example



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.

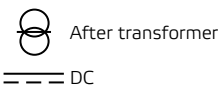
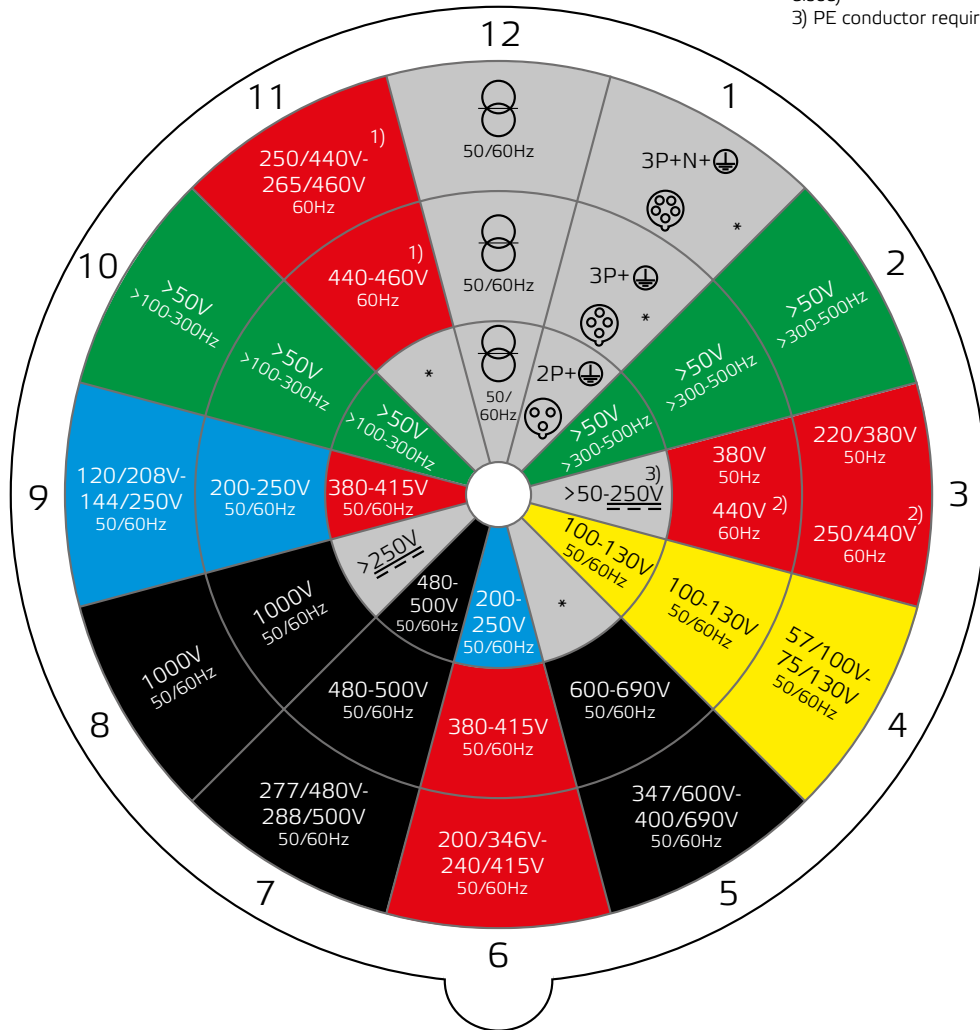
More information about the new technologies can be found on page 8 and 9, and on the introduction pages of the individual product groups.

Information

Position of protective contact and auxiliary lug

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










* 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

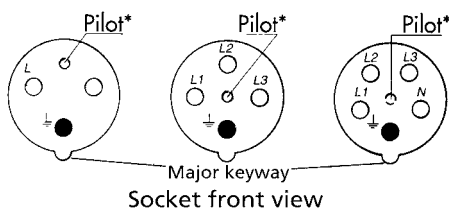
Colour Coding

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

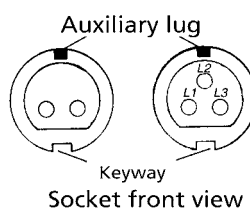
Rated operating voltage or frequency	colour code
20 - 25 V	violet 
40 - 50 V	white 
100 - 130 V	yellow 
200 - 250 V	blue 
380 - 480 V	red 
500 - 690 V	black 
above 60-500 Hz	green 

Contact layout for CEE plugs and sockets

Greater than 50 V:




Up to 50 V:



Identification of conductor connections





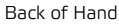




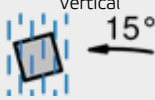



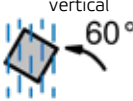








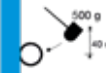








The connections must be labelled with the following symbols: L1, L2, L3 or 1, 2, 3 for the outer conductors.

The neutral conductor is labelled with N and the earth contact with .

*only at 63A and 125A

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 standard
1	Solid objects larger than 50mm 	Back of Hand 	1	Vertically falling dripping water 	01	Energy 0,140 Joule 
2	Solid objects larger than 12,5mm 	Finger 	2	Dripping water up to 15° relative to vertical 	02	Energy 0,200 Joule 
3	Solid objects larger than 2,5mm 	Tool 	3	Dripping water up to 60° relative to vertical 	05	Energy 0,700 Joule 
4	Solid objects larger 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 -25°C up to +40°C

Dimensionally stable, even with high heat generation

Glow wire test at 650°C and 850°C

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 80°C

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

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 -25°C

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 Non-binding guideline values.
Rubber of cable: H07RN-F Reserve technical changes.





1

2

3

4

5

6

7

Surface Mounting Socket Outlets

Surface Mounting Socket Outlets IP44



Pages 36 - 37

Surface Mounting Socket Outlets Straight IP44



Page 37

Surface Mounting Socket Outlets Straight IP67



Page 38

Surface Mounting Socket Outlets IP67



Pages 38 - 40

Surface Mounting Socket Outlets Combined



Page 41

Surface Mounting Socket Outlets Aggressive Cond.



Pages 42 - 43

Surface Mounting Socket Outlets with „PSC“



Page 44

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



Pages 71 - 73

With Auxiliary Contact or PSC



Pages 74 - 75

For Harsh or Aggressive Conditions



Pages 76 - 77

Architecture program



Page 78 - 79

Accessories for Sockets



Pages 80 - 81

Technical features

**INNOLINQ with KONTEX ULTRA**

- INNOLINQ with KONTEX-ULTRA satisfies the strict planned EU REACH & RoHS directives of the future
- Smooth surfaces on the pin and an improved sleeve design reduce the insertion and withdraw forces
- a specially developed base material in combination with a highly complex strain-hardening technology guarantee optimum contact and conductivity
- INNOLINQ with KONTEX-ULTRA contains no lead

**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

Wall mounting socket outlet

INNOLINQ

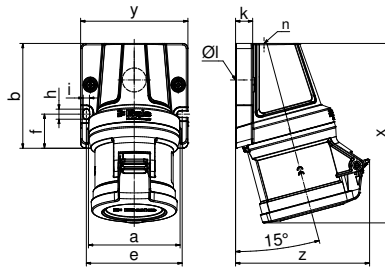
- Screwless terminals
- The cable entry is one at top open and one at bottom and one rear side closed
- Protection degree IP44
- Contact carrier is made of high temperature resistant material
- Contains no lead

QUICK CONNECT
KONTEX ULTRA



110635

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
		3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h		
16	4	110668	110672	110670	110671	110673	110666	10	
16	5	110622	110626	110624	110625	110627	110620	10	264
32	3	110644	110646	110649	110647	110650	110642	10	
32	4	110656	110661	110658	110660	110662	110653	10	321
32	5	110633	110637	110635	110636	110638	110631	10	353



Ampere	16	16	32	32	32
Polzahl	4	5	3	4	5
a	80,0	80,0	80,0	80,0	80,0
b	92,0	92,0	92,0	92,0	92,0
e	84,0	84,0	84,0	84,0	84,0
f	30,0	30,0	30,0	30,0	30,0
h	9,0	9,0	9,0	9,0	9,0
i	5,5	5,5	5,5	5,5	5,5
k	15,0	15,0	15,0	15,0	15,0
ø l	21,0	21,0	21,0	21,0	21,0
n	M32	M32	M32	M32	M32
x	144,0	145,0	157,0	157,0	158,0
y	94,0	94,0	94,0	94,0	94,0
z	110,0	114,0	112,0	112,0	118,0
Cond. mm² min	1,0	1,0	2,5	2,5	2,5
Cond. mm² max	4,0	4,0	10,0	10,0	10,0

Surface Mounting Socket Outlet

QUICK-CONNECT

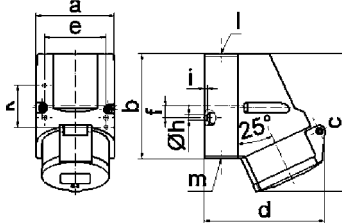
- Screwless terminals
- Kontex contact
- Cable entry 1x at top (open), 1x at bottom and 1x at rear (closed)
- Base rotatable by 180°
- Protection degree IP44

QUICK CONNECT



11906

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



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

1 MB 7

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

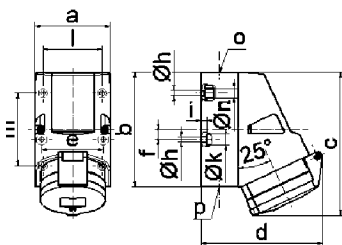
QUICK CONNECT

Twin terminal



11909

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



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

1 MB 2

Surface Mounting Socket Outlet QUICK-CONNECT, straight

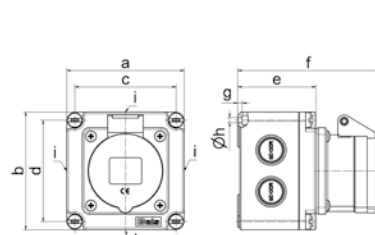
- Screwless terminals
- Kontex contact
- Cable entry 7x M20/25
- With large wiring space
- Protection degree IP44

QUICK CONNECT



110558

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



1 MB 120

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.

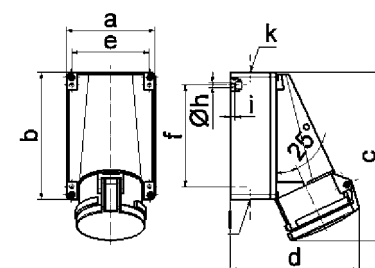


1124

Ampere	Poles	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
		3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h		
63	4			110415	110445			5	900
63	5			110383				5	945

Screw terminal:

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



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
g	6,1	6,1	6,1
h	6,0	6,0	6,0
i	M40	M40	M40
k	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

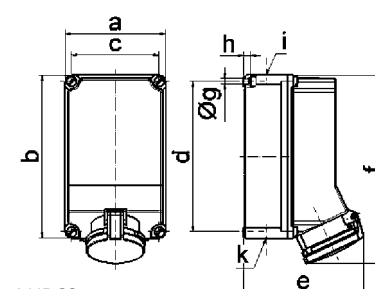
- Screwless terminals
- Kontex contact
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Box terminals
- With large wiring space
- Protection degree IP44

QUICK CONNECT



110487

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



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
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 QUICK-CONNECT, straight

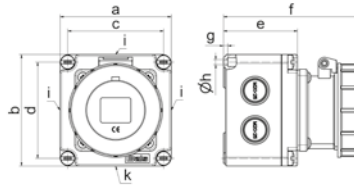
- Screwless terminals
- Kontex contact
- Cable entry 7x M20/25
- With large wiring space
- Protection degree IP67

QUICK CONNECT



110576

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



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

1 MB 121

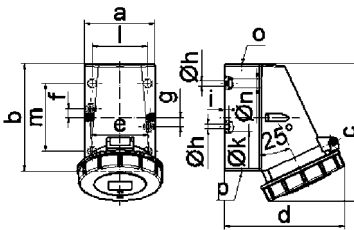
Surface Mounting Socket Outlet

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



11155

Ampere	Poles	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
		3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h		
16	3	11132	11133	11134	111320	111350	11027	10	210
16	4	11135	11136	11137	11138	11139	11140	10	265
16	5	11141	11142	11143	111343	111390	111342	10	300
32	3	11144	11145	11146				10	395
32	4	11147	11148	11149	11150	11151	11152	10	415
32	5	11153	11154	11155	111326	111432	11025	10	450



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

1 MB 13

Surface Mounting Socket Outlet QUICK-CONNECT TE

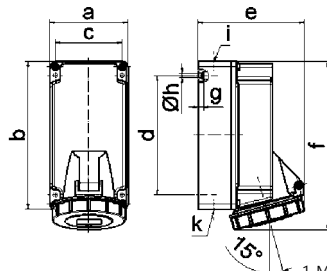
- Screwless terminals
- Kontex contact
- High-temperature-resistant contact carrier
- Nickel plated contacts
- With large wiring space
- Protection degree IP67

QUICK CONNECT



110094

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



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

1 MB 8

Surface Mounting Socket Outlet QUICK-CONNECT TE

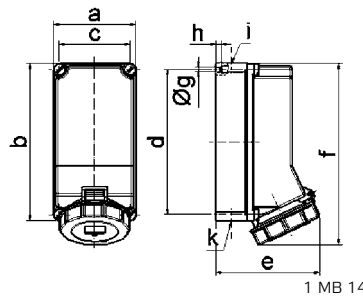
- Screwless terminals
- Kontex contact
- High-temperature-resistant contact carrier
- Nickel plated contacts
- With large wiring space
- Protection degree IP67

QUICK CONNECT



110075

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



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.

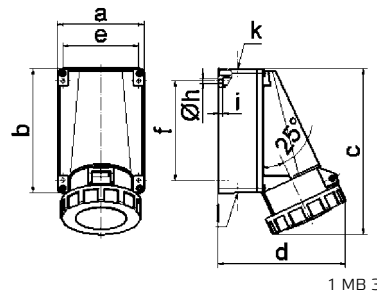


1112

Ampere	Poles	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
		3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h		
63	4			110416	110446			5	960
63	5			110413				5	1005

Screw terminal:

Ampere	63	63	63	63					
Poles	3	4	5	5					
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



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

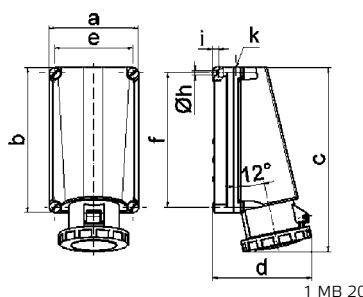
Surface Mounting Socket Outlet

- 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	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
		3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h		
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



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

Surface Mounting Socket Outlet QUICK-CONNECT

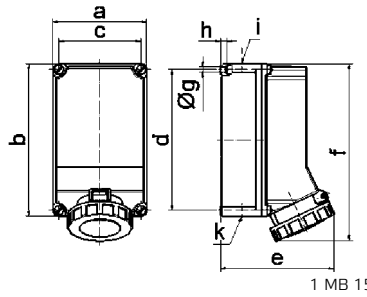
- Screwless terminals
- Kontex contact
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Box terminals
- With large wiring space
- Protection degree IP67

QUICK CONNECT



110489

3P+E		3P+E		3+N+E		110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	g
Ampere	Poles	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol			
63	4																						1	1620	
63	5																						1	1730	



Ampere	Poles	63	63
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

1 MB 15

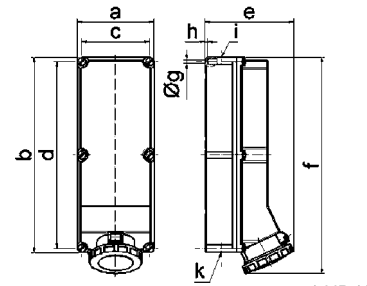
Surface Mounting Socket Outlet

- 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.



11479

3P+E		3P+E		3+N+E		110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	g
Ampere	Poles	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol			
125	3																						1	2850	
125	4																						1	2900	
125	5																						1	3195	



Ampere	Poles	125	125	125
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

1 MB 10

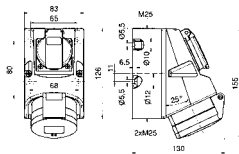
TK-Combi Socket QUICK-CONNECT

- 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 81



1010-QC



1 MB 122

			230V 50-60 Hz	400V 50-60 Hz		9
Amperes	Poles		3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	Quantity	Each

16	5			109-QC	10	
16	5			1010-QC	10	

TK-Combi Socket

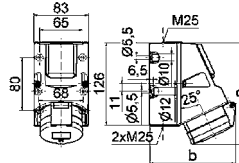
- With terminals, without wiring
- With integrated domestic socket 16A/230V ~ (type F - German standard)
- Protection degree IP44

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

Accessories: see page 81



108



1 MB 17

			230V 50-60 Hz	400V 50-60 Hz		9
Amperes	Poles		3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	Quantity	Each

16	4		1012		10	400
16	5			107	10	410
32 ¹⁾	5			108	10	465

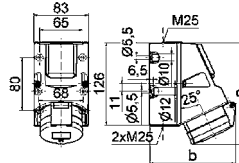
TK-Combi Socket

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

Accessories: see page 81



1010



1 MB 17

			230V 50-60 Hz	400V 50-60 Hz		9
Amperes	Poles		3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	Quantity	Each

16	4		1013		10	420
16	5			1010	10	460

TK-Combi Socket

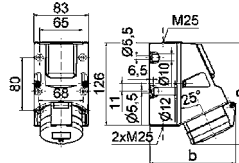
- With terminals, with wiring (ready wired for installation)
- With fuse base 5 x 20 mm DIN 41671 and fuse 6,3A
- With integrated domestic socket 16A/230V ~ (type F - German standard)
- Protection degree IP44

²⁾ 2x fuse 6,3A

Accessories: see page 81



1011



1 MB 17

			230V 50-60 Hz	400V 50-60 Hz		9
Amperes	Poles		3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	Quantity	Each

16	5			109	10	500
32 ²⁾	4		1020		10	515
32	5			1011	10	510

TK-Combi Socket

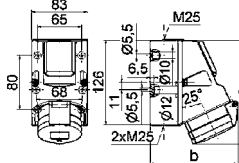
- Belgian/French system
- With terminals, with wiring (ready wired for installation)
- With fuse base 5 x 20 mm DIN 41671 and fuse 6,3A
- With integrated domestic socket 16A/230V ~ (type F - German standard)
- Protection degree IP44

²⁾ 2x fuse 6,3A

Accessories: see page 81



1018



1 MB 17

			230V 50-60 Hz	400V 50-60 Hz		9
Amperes	Poles		3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	Quantity	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)



11990



Amperes	Poles	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	Quantity	Each
		3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h		
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



Amperes	Poles	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	Quantity	Each
		3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h		
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



11451



Amperes	Poles	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	Quantity	Each
		3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h		
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



110000



Amperes	Poles	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	Quantity	Each
		3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h		
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



Amperes	Poles	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	Quantity	Each
		3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h		
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 loophthrough
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

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

QUICK CONNECT

11455



Ampere	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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 loophthrough
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

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

QUICK CONNECT

110017



Ampere	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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



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

Surface Mounting Socket Outlet TE

- Screw terminals
- For loophthrough
- 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



Ampere	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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)

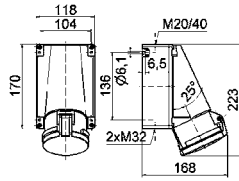
11815



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

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



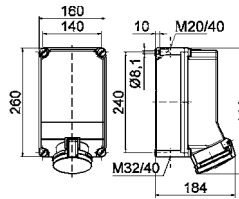
11787

1 MB 36

Amperage	Poles	400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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



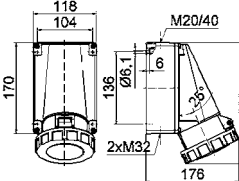
16873

1 MB 38

Amperage	Poles	400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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



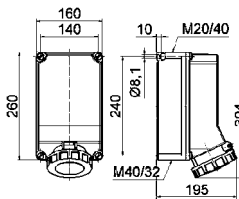
11038

1 MB 31

Amperage	Poles	400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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



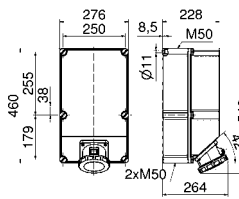
16072

1 MB 32

Amperage	Poles	400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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



1676

30 MB 104

Amperage	Poles	400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
125	4	1674			1675		1	9100	
125	5	1676					1	9115	

1

2

3

4

5

6

7

Sockets

Surface Mounting Socket Outlets, fused

Technical Information

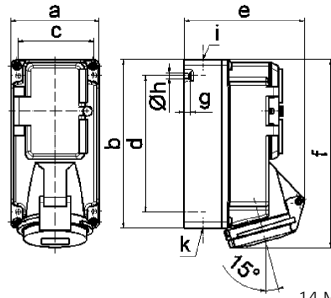
- IEC 60309-1/2, EN 60309, VDE 0623
 - Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

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



15059



Ampere Poles	16 3	16 4	16 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

14 MB 3

Protection

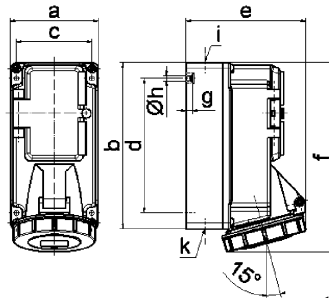
	2P+E Ampere	3P+E Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
			3pol 4h	4pol 4h	5pol 4h	3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h	3pol 10h	4pol 10h	5pol 10h	3pol 2h	4pol 2h	5pol 2h		
- without fuse 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	16	3	15386			15101												1	705			
25/0,03A 2-pole with 16A 3p	16	4				15102			15103									1				
40/0,03A 4-pole with 16A 4/5p	16	5				15104			15105									1	810			

Surface Mounting Socket Outlet

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



15100



Ampere Poles	16 3	16 4	16 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

14 MB 6

Protection

	2P+E Ampere	3P+E Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			100-300Hz <50V			100-300Hz <50V			Quantity	Each
			3pol 4h	4pol 4h	5pol 4h	3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h	3pol 10h	4pol 10h	5pol 10h	3pol 2h	4pol 2h	5pol 2h		
- 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	16	3	15387			15106												1	725			
25/0,03A 2-pole with 16A 3p	16	4				15107			15108									1				
40/0,03A 4-pole with 16A 4/5p	16	5				15109			15110									1	835			

Technical Information

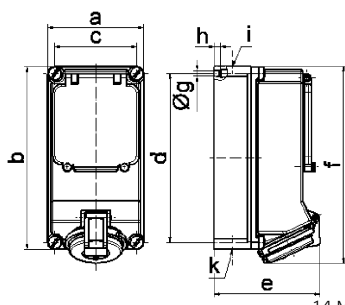
- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

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



1585



Ampere Poles	16 4	16 5	32 3	32 4	32 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

Icon	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
3P+E Ampere Poles	3pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h	9	

- 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

Sockets

Surface Mounting Socket Outlets, fused

Technical Information

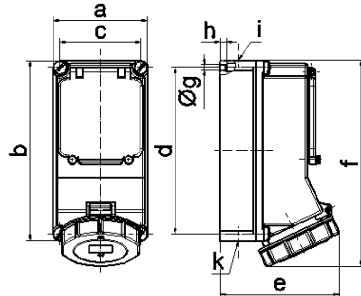
- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

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



15112



14 MB 12

Ampere Poles	16 4	16 5	32 3	32 4	32 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



g

Ampere	Poles	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
16	4			15027	15176			1	950
16	5			15028				1	980
- without fuse protection									
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

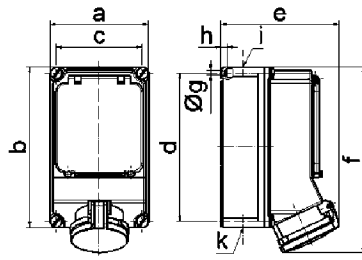
- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

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

Amperage	32	32	63	63	63	Quantity	Each
Poles	4	5	3	4	5		
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				

- 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

Sockets

Surface Mounting Socket Outlets, fused

Technical Information

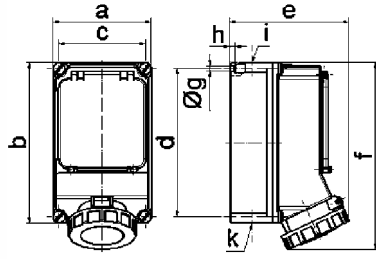
- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- 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 Poles	32 4	32 5	63 4	63 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

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

	32	4			1598	15174			1	
	32	5			1599				1	
- without fuse protection										
	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	32	4			15149				1	
63/0,03A 4-pole for 63A	32	5			15150				1	1970
	63	4			15151				1	
	63	5			15080				1	2315

Technical Information

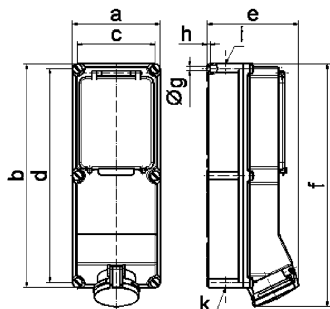
- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

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



Ampere Poles	63 4	63 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

			110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz		9
Amperes	Poles		3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h	Quantity	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

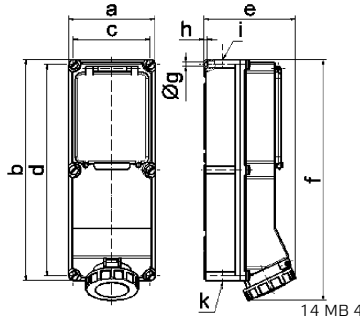
- IEC 60309-1/2, EN 60309, VDE 0623
 - Enclosure and socket insert made of high-grade plastic

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



Ampere Poles	63 3	63 4	63 5	125 4	125 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

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

- without fuse protection

63	3	15072							1	
63	4			1580	15157				1	2890
63	5			15047						
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



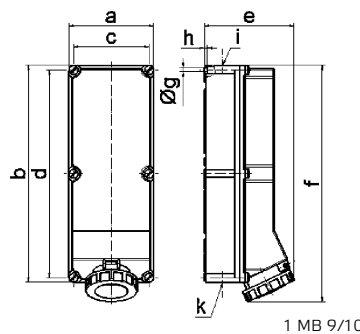
63	4			15167					1	
63	5			15168					1	
125	4				15171				1	
125	5				15075				1	

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



Ampere Poles	63 4	63 5	125 4	125 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

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

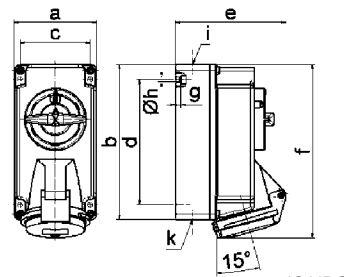
Surface Mounting Socket Outlet

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

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
16	3	16008	1619					1	575
16	4		1641	1610	1616			1	605
16	5		1642	1611				1	615



1611



Ampere Poles	16 3	16 4	16 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

12 MB 3

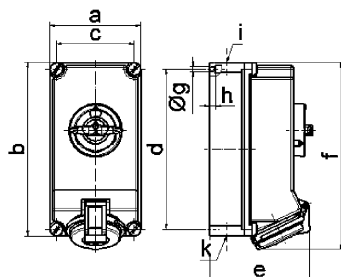
Surface Mounting Socket Outlet

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

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
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



Ampere Poles	16 4	16 5	32 3	32 4	32 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

12 MB 24

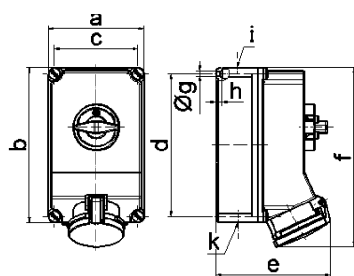
Surface Mounting Socket Outlet

- 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	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
63	3	16093	16956					1	2025
63	4		16933	16605	16827			1	2150
63	5			16603	16721			1	2245



16603



Ampere Poles	63 3	63 4	63 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

12 MB 30

Sockets

Surface Mounting Socket Outlets, switched, interlocked

Technical Information

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

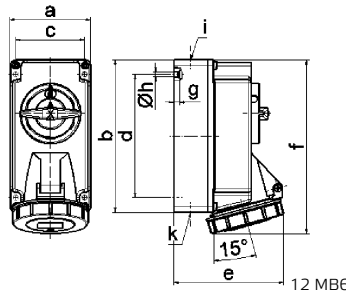
Surface Mounting Socket Outlet

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

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	g
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
16	3	3pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h	1	600
16	4							1	625
16	5							1	640



160052



Ampere Poles	16 3	16 4	16 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

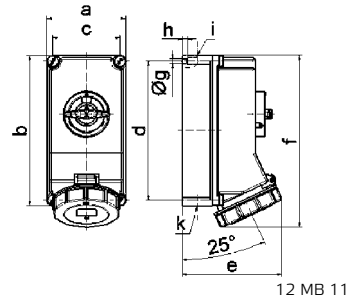
Surface Mounting Socket Outlet

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

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	g
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
16	4	3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h	1	1020
16	5							1	1050
32	3							1	1275
32	4							1	1255
32	5							1	1325



16041



Ampere Poles	16 4	16 5	32 3	32 4	32 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

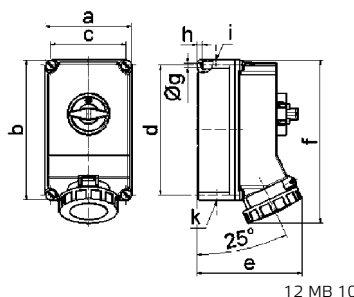
Surface Mounting Socket

- 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	230V	400V	500V	>50V	>50V	Quantity	g
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
63	3	3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h	1	2135
63	4							1	2200
63	5							1	2300



16602



Ampere Poles	63 3	63 4	63 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



110V
50-60 Hz
3pol 4pol 5pol
4h 4h 4h

230V
50-60 Hz
3pol 4pol 5pol
6h 9h 9h

400V
50-60 Hz
3pol 4pol 5pol
9h 6h 6h

500V
50-60 Hz
3pol 4pol 5pol
7h 7h 7h

>50V
100-300Hz
3pol 4pol 5pol
10h 10h 10h

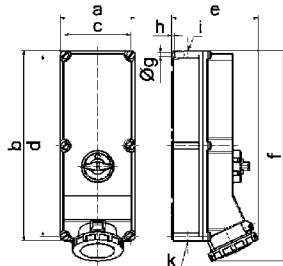
>50V
301-500Hz
3pol 4pol 5pol
2h 2h 2h

9
Quantity Each

125	3	16620			1	3605
125	4	16930	16621	16831	1	3635
125	5	16622			1	3950



16622

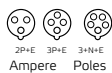


Ampere Poles	125 3	125 4	125 5
a	180,0	180,0	180,0
b	460,0	460,0	460,0
c	160,0	160,0	160,0
d	440,0	440,0	440,0
e	208,0	208,0	208,0
f	510,0	510,0	510,0
ø g	8,3	8,3	8,3
h	6,5	6,5	6,5
i	M40	M40	M40
k	M40/50	M40/50	M40/50

12 MB 5

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



110V
50-60 Hz
3pol 4pol 5pol
4h 4h 4h

230V
50-60 Hz
3pol 4pol 5pol
6h 9h 9h

400V
50-60 Hz
3pol 4pol 5pol
9h 6h 6h

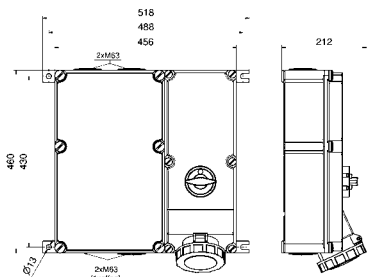
500V
50-60 Hz
3pol 4pol 5pol
7h 7h 7h

>50V
100-300Hz
3pol 4pol 5pol
10h 10h 10h

>50V
301-500Hz
3pol 4pol 5pol
2h 2h 2h

9
Quantity Each

125	5	51010578				
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Z131190

Sockets

Surface Mounting Socket Outlets, switched, fused

Technical Information

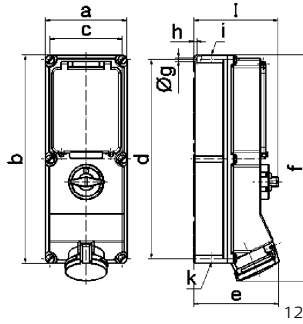
- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

Surface Mounting Socket Outlet

- Switched
- 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.

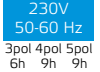


17060



Ampere Poles	16 4	16 5	32 4	32 5	63 4	63 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	3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h	Quantity	Each
	16	4		17275	17055	17337			1	
	16	5			17056				1	1630
- without fuse protection	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	

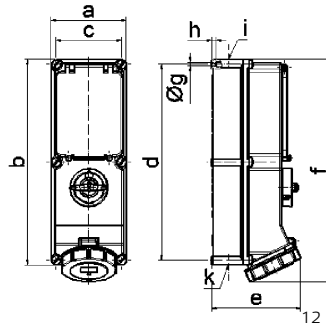
Technical Information

- 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



Ampere Poles	16 4	16 5	32 4	32 5	63 4	63 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
Øg	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

12 MB 12

Protection



110V 50-60 Hz

230V 50-60 Hz

400V 50-60 Hz

500V 50-60 Hz

>50V 100-300Hz

>50V 301-500Hz



Quantity 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	

Sockets

Surface Mounting Socket Outlets, switched, interlocked and fused

Technical Information

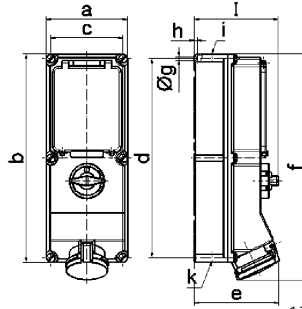
- IEC 60309-1/2, EN 60309, VDE 0623
- Enclosure, window and socket insert made of high-grade plastic

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 IP44
- Products with PILOT please add "P" to the ref.no.



17524



12 MB 21

Ampere Poles	16 4	16 5	32 4	32 5	63 4	63 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



Amperage	Poles	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
16	3		17087					1	
16	4		17165	17164	17166			1	1650
16	5			17163				1	
32	3		17107						
- without fuse protection	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

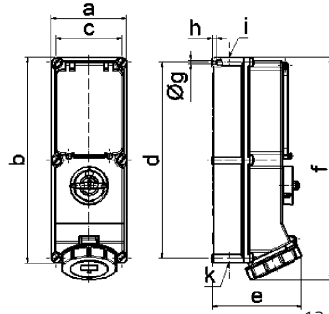
Technical Information

- 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



Ampere Poles	16 4	16 5	32 4	32 5	63 4	63 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

12 MB 12

Protection



110V 50-60 Hz

230V 50-60 Hz

400V 50-60 Hz

500V 50-60 Hz

>50V 100-300Hz

>50V 301-500Hz



Quantity 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



16	4	17328	17329			1	
16	5		17345			1	2450
32	4	17330	17331			1	

- with D02 and RCCB 63/0,03A for 63A



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 Ampere	3P+E Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	g
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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 Ampere	3P+E Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	g
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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 Ampere	3P+E Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	g
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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 Ampere	3P+E Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	g
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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



230V 50-60 Hz		400V 50-60 Hz		500V 50-60 Hz		Quantity	Each
3pol 6h	4pol 9h	3pol 9h	4pol 6h	3pol 7h	4pol 7h		
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)



230V 50-60 Hz		400V 50-60 Hz		500V 50-60 Hz		Quantity	Each
3pol 6h	4pol 9h	3pol 9h	4pol 6h	3pol 7h	4pol 7h		
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)



230V 50-60 Hz		400V 50-60 Hz		500V 50-60 Hz		Quantity	Each
3pol 6h	4pol 9h	3pol 9h	4pol 6h	3pol 7h	4pol 7h		
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)



230V 50-60 Hz		400V 50-60 Hz		500V 50-60 Hz		Quantity	Each
3pol 6h	4pol 9h	3pol 9h	4pol 6h	3pol 7h	4pol 7h		
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)



230V 50-60 Hz		400V 50-60 Hz		500V 50-60 Hz		Quantity	Each
3pol 6h	4pol 9h	3pol 9h	4pol 6h	3pol 7h	4pol 7h		
125	5	16890				1	4065

1

2

3

4

5

6

7

Sockets

Surface Mounting Socket Outlets, switched, interlocked, fused

Technical Information

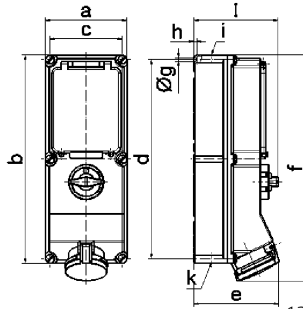
- IEC 60309, EN 60309, VDE 0623
- Particularly suitable for harsh operating conditions, especially resistant to aggressive atmospheres

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 Poles	16 5	32 5	63 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



	2P+E Amperes	3P+E Poles	3N+E Poles	110V 50-60 Hz 3pol 4pol 5pol 4h 4h 4h	230V 50-60 Hz 3pol 4pol 5pol 6h 9h 9h	400V 50-60 Hz 3pol 4pol 5pol 9h 6h 6h	500V 50-60 Hz 3pol 4pol 5pol 7h 7h 7h	>50V 100-300Hz 3pol 4pol 5pol 10h 10h 10h	>50V 301-500Hz 3pol 4pol 5pol 2h 2h 2h	Quantity	Each
	16	5				17608				1	
- without fuse protection	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

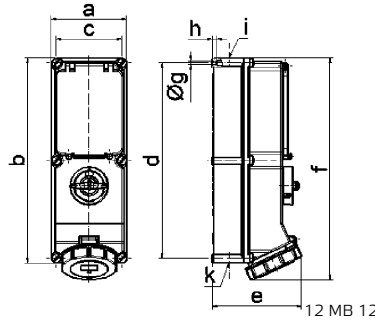
- IEC 60309, EN 60309, VDE 0623
- Particularly suitable for harsh operating conditions, especially resistant to aggressive atmospheres

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



Ampere Poles	16 5	32 5	63 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

							>50V 100-300Hz symbol"/>	>50V 301-500Hz symbol"/>		9
Ampere	Poles		3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h	Quantity	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
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- with load-break switch NH00

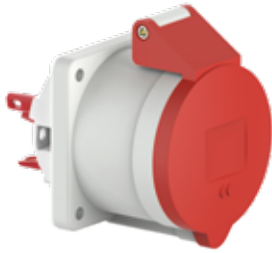


63	5	17604	1 4025
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Panel Mounting Socket Outlet QUICK-CONNECT

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

QUICK CONNECT



132002

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

Ampere	Poles	16	16	16	32	32	32
		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

4MB99

Panel Mounting Socket Outlet QUICK-CONNECT

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

QUICK CONNECT



13850

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

Ampere	Polzahl	16	16	16	32	32	32
		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

4MB103

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



13663

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

Ampere	Poles	16	16
		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

4 MB 101

Technical Information

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

Panel Mounting Socket Outlet QUICK-CONNECT

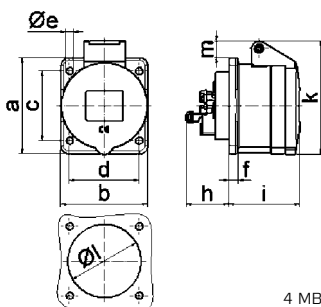
- Screwless terminals
- Kontex contact
- Flange 62 x 62 mm for 16A 3p, 72 x 65 mm for 16A 4p and 5p
- Protection degree IP44

QUICK CONNECT



13681

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



Amperage	Poles	16	16	16
a	3	62,0	72,0	72,0
b	4	62,0	65,0	65,0
c	5	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

4 MB 100

Panel Mounting Socket Outlet QUICK-CONNECT

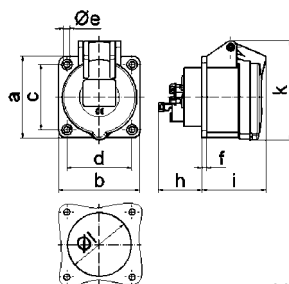
- Screwless terminals
- Kontex contact
- Flange 70 x 70 mm
- Protection degree IP44

QUICK CONNECT



13895

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



Amperage	Poles	16	32
a	5	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

4 MB 166

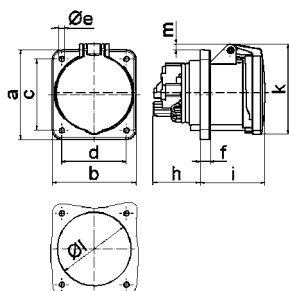
Panel Mounting Socket Outlet

- 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.

136



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



Amperage	Poles	63	63	63
a	3	107,0	107,0	107,0
b	4	100,0	100,0	100,0
c	5	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

4 MB 8

Panel Mounting Socket Outlet QUICK-CONNECT

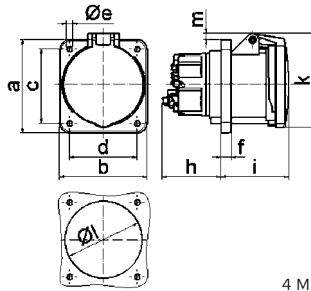
- Screwless terminals
- Flange 107 x 100 mm
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP44

QUICK CONNECT



130114

Ampere	Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol		
63	4																5	550
63	5																5	600



Ampere	Poles	63	63
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

4 MB 265

Panel Mounting Socket Outlet QUICK-CONNECT

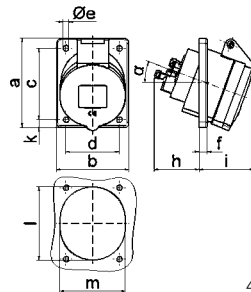
- Screwless terminals
- 20° angled
- Kontex contact
- Flange 68 x 62 mm for 16A 3p, 87 x 71 mm for 16A 4p and 5p
- Protection degree IP44

QUICK CONNECT



12741

Ampere	Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol		
16	3																10	95
16	4																10	120
16	5																10	140



Ampere	Poles	16	16	16
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	20°	20°	20°	
Cond. mm² min		1,5	1,5	1,5
Cond. mm² max		4	4	4

4 MB 111

Panel Mounting Socket Outlet QUICK-CONNECT

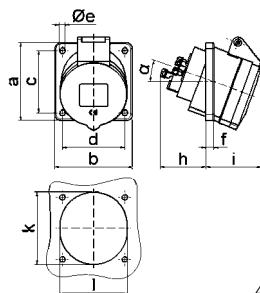
- Screwless terminals
- 20° angled
- Kontex contact
- Flange 75 x 75 mm
- Protection degree IP44

QUICK CONNECT



122001

Ampere	Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol		
16	5																10	135



Ampere	Poles	16
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	20°	
Cond. mm² min		1,5
Cond. mm² max		4

4 MB 110

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

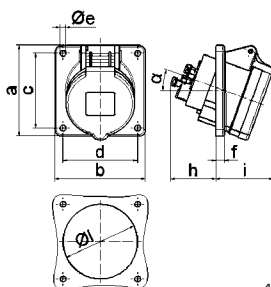
QUICK CONNECT



12757

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	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	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

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



4 MB 264

Panel Mounting Socket Outlet QUICK-CONNECT

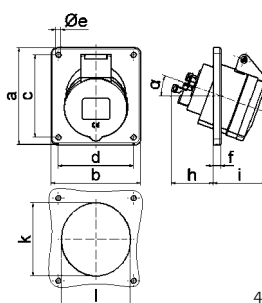
- Screwless terminals
- 20° angled
- Kontex contact
- Flange 74 x 62 mm for 16A 3p, 100 x 92 mm for the other versions
- Protection degree IP44



12730

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	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	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

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



4 MB 112

Panel Mounting Socket Outlet QUICK-CONNECT

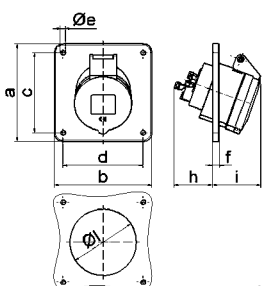
- Screwless terminals
- 20° angled
- Kontex contact
- Flange 110 x 110 mm
- Protection degree IP44



12805

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	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	5				12805			10	185
32	5				12806			10	260

Ampere	Poles	16	32
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	



4 MB 269

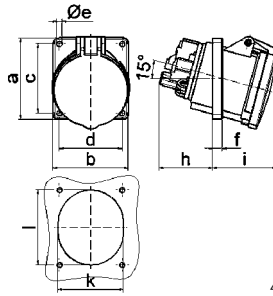
Panel Mounting Socket Outlet

- Screw terminals
- 15° 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.



12567

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
63	3		12563					10	415
63	4			12074	12565			10	430
63	5	12566	12568	12567				10	475



Ampere	Poles	63	63	63
		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

4 MB 64

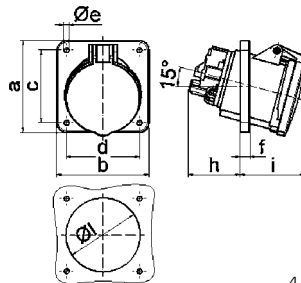
Panel Mounting Socket Outlet

- Screw terminals
- 15° 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.



1202

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
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



Ampere	Poles	63	63	63
		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

4 MB 10

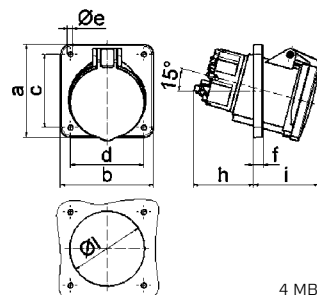
Panel Mounting Socket Outlet QUICK-CONNECT

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



120306

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
63	4			120321	120431			5	570
63	5			120306				5	620



Ampere	Poles	63	63
		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

4 MB 266

Technical Information

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

Panel Mounting Socket Outlet QUICK-CONNECT

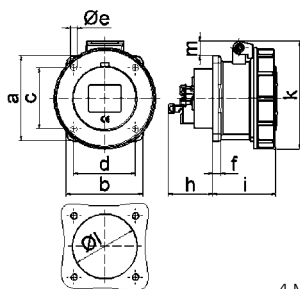
- Screwless terminals
- Kontex contact
- Flange 62 x 62 mm for 16A 3p, 72 x 65 mm for 16A 4p and 5p
- Protection degree IP67

QUICK CONNECT



13732

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



Amperage	Poles	16	16	16
a	3	62,0	72,0	72,0
b	4	62,0	65,0	65,0
c	5	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

4 MB 104

Panel Mounting Socket Outlet QUICK-CONNECT

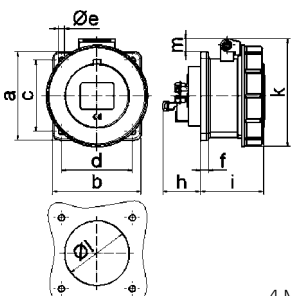
- Screwless terminals
- Kontex contact
- Flange 75 x 75 mm
- Protection degree IP67

QUICK CONNECT



13745

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



Amperage	Poles	16	16	16	32	32	32
a	3	75,0	75,0	75,0	75,0	75,0	75,0
b	4	75,0	75,0	75,0	75,0	75,0	75,0
c	5	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

4 MB 105

Panel Mounting Socket Outlet QUICK-CONNECT

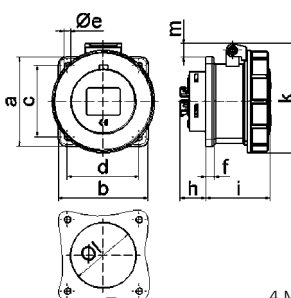
- Screwless **twin terminal**
- Kontex contact
- Flange 75 x 75 mm
- Protection degree IP67

QUICK CONNECT



130158

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



Amperage	Poles	16
a	5	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

4 MB 262

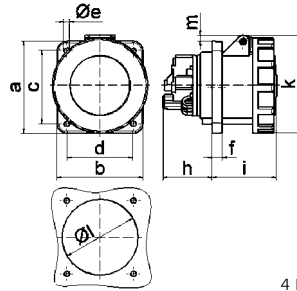
Panel Mounting Socket Outlet

- 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.



13104

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
63	3	1395	1396	1397				5	460
63	4	1398	1399	13100	13101			5	490
63	5	13102	13103	13104				5	535



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	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

4 MB 50

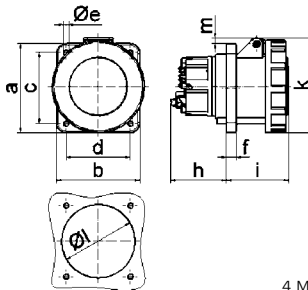
Panel Mounting Socket Outlet QUICK-CONNECT

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



130119

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
63	4			130131	130154			5	565
63	5			130119				5	665



Ampere Poles	63 4	63 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

4 MB 267

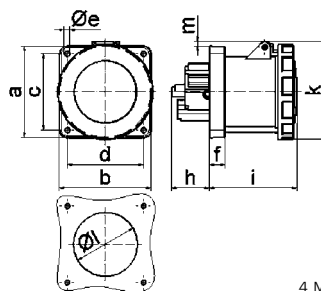
Panel Mounting Socket Outlet

- 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.



13451

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
125	3	13445	13452					5	930
125	4		13449	13447	13448			5	1005
125	5			13451				5	1125



Ampere Poles	125 3	125 4	125 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

4 MB 55

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.



110V
50-60 Hz
3pol 4pol 5pol
4h 4h 4h

230V
50-60 Hz
3pol 4pol 5pol
6h 9h 9h

400V
50-60 Hz
3pol 4pol 5pol
9h 6h 6h

500V
50-60 Hz
3pol 4pol 5pol
7h 7h 7h

>50V
100-300Hz
3pol 4pol 5pol
10h 10h 10h

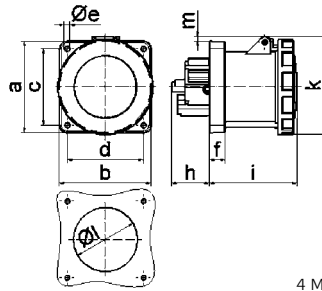
>50V
301-500Hz
3pol 4pol 5pol
2h 2h 2h

Quantity Each

125	3	13434			5	965
125	4	13442	13435	13515	5	1040
125	5		13436		5	1140



13436



4 MB 55

Ampere Poles	125 3	125 4	125 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
- 20° angled
- Kontex contact
- Flange 68 x 62 mm for 16A 3p, 75 x 75 mm for 16A 5p
- Protection degree IP67



110V
50-60 Hz
3pol 4pol 5pol
4h 4h 4h

230V
50-60 Hz
3pol 4pol 5pol
6h 9h 9h

400V
50-60 Hz
3pol 4pol 5pol
9h 6h 6h

500V
50-60 Hz
3pol 4pol 5pol
7h 7h 7h

>50V
100-300Hz
3pol 4pol 5pol
10h 10h 10h

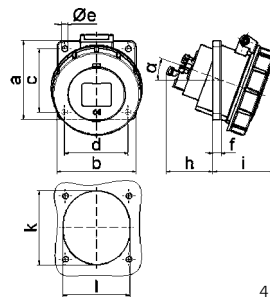
>50V
301-500Hz
3pol 4pol 5pol
2h 2h 2h

Quantity Each

16	3	12808	12809		10	125
16	5	12810	12811	12812	10	



12812



4 MB 113

Ampere Poles	16 3	16 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	20°	20°
Cond. mm² min	1,5	1,5
Cond. mm² max	4	4

Panel Mounting Socket Outlet QUICK-CONNECT

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



110V
50-60 Hz
3pol 4pol 5pol
4h 4h 4h

230V
50-60 Hz
3pol 4pol 5pol
6h 9h 9h

400V
50-60 Hz
3pol 4pol 5pol
9h 6h 6h

500V
50-60 Hz
3pol 4pol 5pol
7h 7h 7h

>50V
100-300Hz
3pol 4pol 5pol
10h 10h 10h

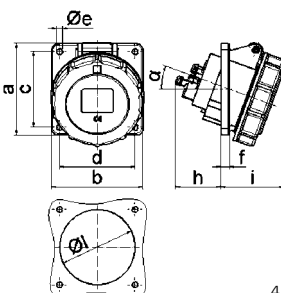
>50V
301-500Hz
3pol 4pol 5pol
2h 2h 2h

Quantity 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 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	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	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 IP67

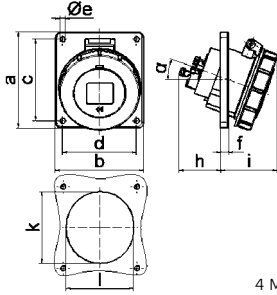
QUICK CONNECT



12839

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

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



4 MB 115

Panel Mounting Socket Outlet

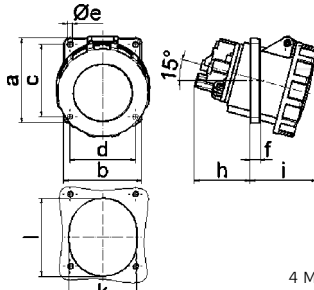
- Screw terminals
- 15° angled
- Flange 100 x 92 mm
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67
- Products with PILOT please add "P" to the ref.no.



12574

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

Ampere	Poles	a	b	c	d	ø e	f	h	i	k	l	α	Cond. mm² min	Cond. mm² max
63	3	100,0	92,0	85,0	77,0	6,5	12,0	65,0	80,0	80,0	92,0	15°	6	25
63	4	100,0	92,0	85,0	77,0	6,5	12,0	65,0	80,0	80,0	92,0	15°	6	25
63	5	100,0	92,0	85,0	77,0	6,5	12,0	65,0	80,0	80,0	92,0	15°	6	25



4 MB 65

Panel Mounting Socket Outlet QUICK-CONNECT TE

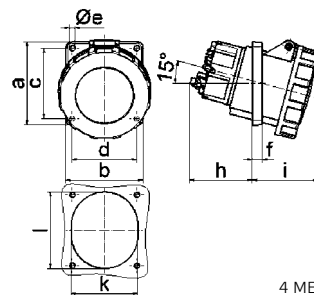
- Screwless terminals
- 15° angled
- Flange 100 x 92 mm
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Box terminals
- Protection degree IP67



120274

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

Ampere	Poles	a	b	c	d	ø e	f	h	i	k	l	α	Cond. mm² min	Cond. mm² max
63	4	100,0	92,0	85,0	77,0	6,5	12,0	74,0	80,0	80,0	92,0	15°	6	25
63	5	100,0	92,0	85,0	77,0	6,5	12,0	74,0	80,0	80,0	92,0	15°	6	25



4 MB 268

Technical Information

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

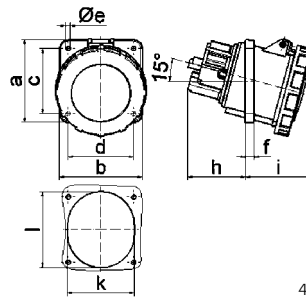
Panel Mounting Socket Outlet

- Screw terminals
- 15° 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.



129

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
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



4 MB 9

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	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

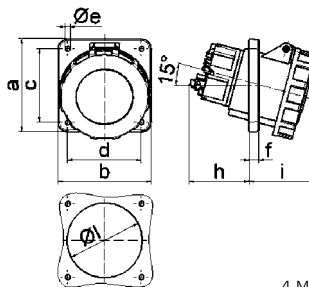
Panel Mounting Socket Outlet QUICK-CONNECT TE

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



120307

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
63	4			120322	120387			5	625
63	5			120307				5	670



4 MB 270

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	80,0	80,0
ø l	92,0	92,0
Cond. mm² min	6	6
Cond. mm² max	25	25

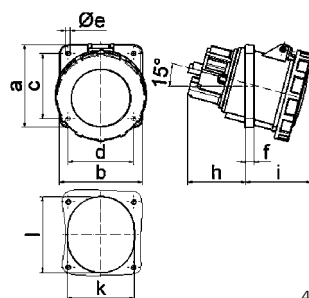
Panel Mounting Socket Outlet

- Screw terminals
- 15° 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.



12108

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
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



4 MB 9

Ampere	125	125	125
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	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

Panel Mounting Socket Outlet QUICK-CONNECT TE

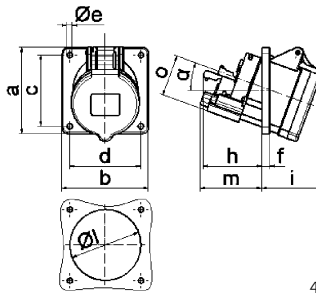
- Screwless terminals
- Angled
- With NO and NC contact
- Flange 85 x 85 mm
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT



120587

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



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
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°

4 MB 76

Panel Mounting Socket Outlet QUICK-CONNECT TE

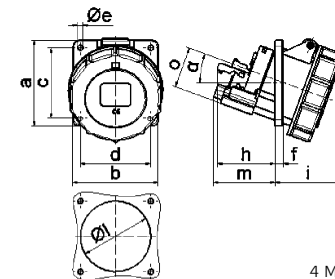
- Screwless terminals
- Angled
- With NO and NC contact
- Flange 85 x 85 mm
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

QUICK CONNECT



12650

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



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
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°

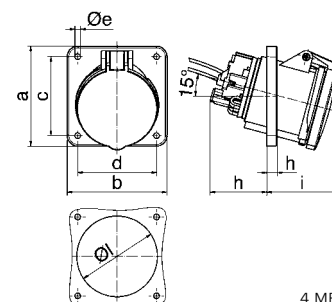
4 MB 78

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

12616

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



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	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

4 MB 388

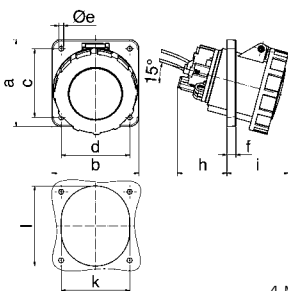
Panel Mounting Socket Outlet

- 15° 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			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol		
63	4																			5	760
63	5																			5	820
125	4																			5	1230
125	5																			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. mm ² min	6	6	25	25
Cond. mm ² max	25	25	70	70

1

2

3

4

5

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7

Sockets

Panel Mounting Socket Outlets

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



13336

QUICK CONNECT

Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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

Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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
- 20° angled
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44



12884

QUICK CONNECT

Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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
- 15° 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

Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
63	3	12405								5	420	
63	4		12406		12407					5	470	
63	5				12408					5	510	

Panel Mounting Socket Outlets

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



13816

Ampere	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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		

QUICK CONNECT

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			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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
- 20° angled
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67



12928

Ampere	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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		

QUICK CONNECT

Panel Mounting Socket Outlet TE

- Screw terminals
- Flange 114 x 114 mm
- 15° 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			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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
- 15° 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.

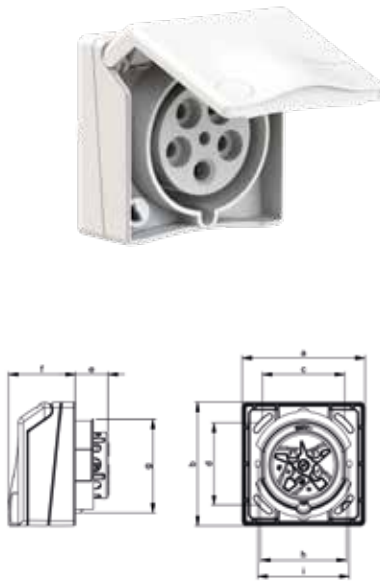


12108

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

Panel mounting socket outlet

- protection degree IP44
- with screw terminals for wiring through
- safe against ball throwing according DIN 18032
- nickel-plated contacts
- flange can be rotated by 180° - straight and sloping design all in one
- 16A sockets: installation also possible in customary cavity wall and concrete sockets with fixing center 67mm
- with labelling field
- Domestic sockets with screwless connection design (plug-in terminal)
- housing material: PC/ABS
- color: white similar RAL9016



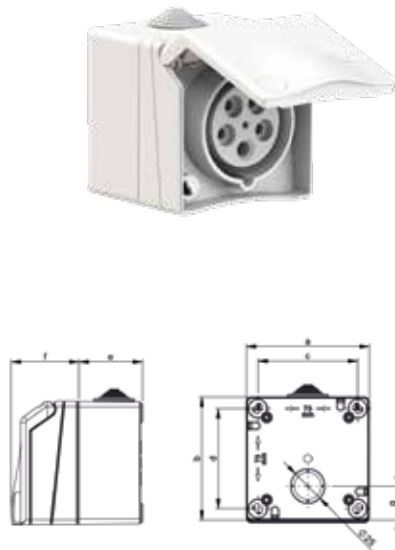
4MB465

Version	P	V	Ref. no.	Qty
16A	3	230	130010	6
16A	5	400	130011	6
32A	5	400	130012	6
Domestic socket Typ E	2 + E	250	71010	6
Domestic socket Typ F	2 + E	250	71011	6

Ampere Poles	16 3	16 4	16 5	32 5	Schutzk. Domestic
a	90,0	90,0	90,0	90,0	90,0
b	90,0	90,0	90,0	90,0	90,0
c	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0
e	23,0	24,0	24,0	36,0	16,0
f	48,0	48,0	48,0	48,0	48,0
g	66,0	66,0	69,0	78,0	66,0
h	63,0	63,0	63,0	74,0	63,0
i	67,0	67,0	67,0	-	67,0
Cond. mm² min.	1,0	1,0	1,0	2,5	1,0
Cond. mm² max.	4,0	4,0	4,0	10	2,5

Surface mounting socket outlet

- protection degree IP44
- with screw terminals for wiring through
- safe against ball throwing according DIN 18032
- nickel-plated contacts
- flange can be rotated by 180° - straight and sloping design all in one
- one side entry with offset nipple, possible entry on the other with cutout
- with labelling field
- Domestic sockets with screwless connection design (plug-in terminal)
- housing material: PC/ABS
- color: white similar RAL9016



4MB463

Version	P	V	Ref. no.	Qty
16A	3	230	110710	6
16A	5	400	110711	6
32A	5	400	110712	6
Domestic socket Typ E	2 + E	250	72010	6
Domestic socket Typ F	2 + E	250	72011	6

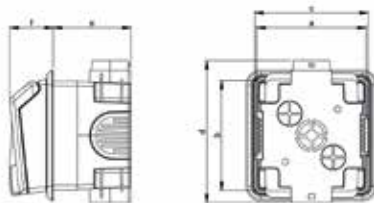
Ampere Poles	16 3	16 4	16 5	32 5	Schutzk. Domestic
a	90,0	90,0	90,0	90,0	90,0
b	90,0	90,0	90,0	90,0	90,0
c	73,0	73,0	73,0	73,0	73,0
d	73,0	73,0	73,0	73,0	73,0
e	47,0	47,0	47,0	47,0	47,0
f	48,0	48,0	48,0	48,0	48,0
g	25,0	25,0	25,0	25,0	25,0
Cond. mm² min.	1,0	1,0	1,0	2,5	1,0
Cond. mm² max.	4,0	4,0	4,0	10	2,5

Flange can be rotated by 180° – straight and angled design all in one



Flush mounting socket outlet

- protection degree IP44
- with screw terminals for wiring through
- safe against ball throwing according DIN 18032
- nickel-plated contacts
- cable entry from top, bottom, side or rear by cutout
- in rows combinable with horizontal and vertical insertion
- with integrated cover frame and a fix inclination of 6° - small protection 35mm
- with labelling field
- Domestic sockets with screwless connection design (plug-in terminal)
- housing material: PC/ABS
- color: white similar RAL9016



4MB464

Version	P	V	Ref. no.	Qty
16A	3	230	1410	6
16A	5	400	1411	6
32A	5	400	1412	6
Domestic socket Typ E	2 + E	250	71012	6
Domestic socket Typ F	2 + E	250	71013	6

Ampere Poles	16 3	16 4	16 5	32 5	Schutzk. Domestic
a	90,0	90,0	90,0	90,0	90,0
b	90,0	90,0	90,0	90,0	90,0
c	92,0	92,0	92,0	92,0	92,0
d	115,0	115,0	115,0	115,0	115,0
e	64,0	64,0	64,0	64,0	64,0
f	35,0	35,0	35,0	35,0	35,0
Cond. mm² min.	1,0	1,0	1,0	2,5	1,0
Cond. mm² max.	4,0	4,0	4,0	10	2,5

Cylinder lock

- for all sockets of architecture programme
- 2 keys include
- fast and easy installation of the lock by loose locking outbreaks in the hinged lid

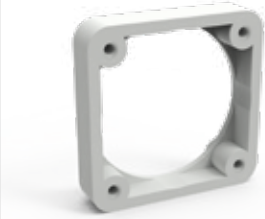


Ref. no. Qty

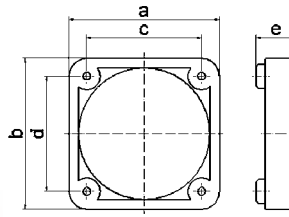
18010 6

Mounting Frame

- For attaching panel mounting socket outlets



1843

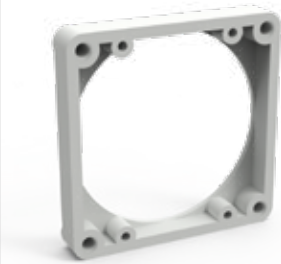


30 MB 182

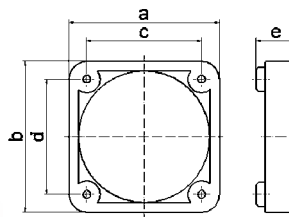
a	b	c	d	e	Ref-No.
50	50	38	38	13	1843
54	54	44	44	10	1847
57	66	47	47	10	1848
60	60	50	50	10	1849
62	62	52	52	10	1850
62	70	52	60	10	1851

Mounting Frame

- For attaching panel mounting socket outlets



187

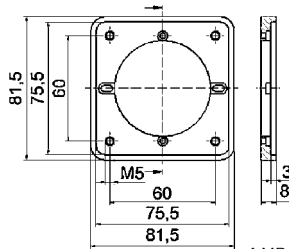


30 MB 182

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

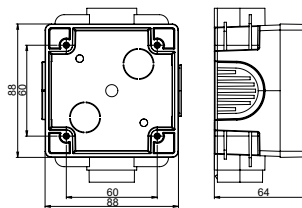


4 MB 256

	Ref-No.
	182

Flush Mounting Box

- With 4 screws
- Color lightgrey
- Can be lined up horizontally, plugged in vertically



	Ref-No.
	1801

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
Wiring 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

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Plugs

Protection Degree IP44 / IP54  Page 86	Protection Degree IP67  Pages 87 - 88	Lockable  Page 88	Angled Plugs  Page 88
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Inlets

Surface Mounting Appliance Inlets  Pages 89 - 94	Panel Mounting Appliance Inlets  Pages 95 - 98	Appliance Inlets with Flange  Pages 99 - 102	Appliance Inlets with Flange for Harsh Conditions  Page 103
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Phase Inverters

Plug  Page 104	Surface Mounting Appliance Inlet  Page 104	Panel Mounting Appliance Inlets  Page 104 - 105	Appliance Inlet with Flange  Page 105
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Phase Sequence Indicators and Adapters

Phase Sequence Indicators  Page 106	Adapters  Page 106
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Connectors

Protection Degree IP44 / IP54  Page 107	Protection Degree IP67  Pages 108 - 109	Hanging Connectors  Page 109	Lockable  Page 109
Accessories Plugs and Connectors  Page 110			

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

Plug INNOLINQ

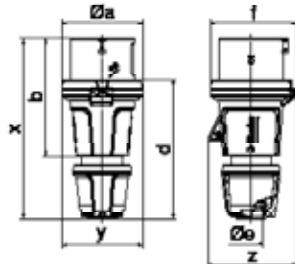
- Screwless terminals
- Screwless enclosure connection, self locking
- Special gland, simultaneous cable gland and seal
- Protection degree IP54
- Contact carrier is made of high temperature resistant material
- Contains no lead

- QUICK CONNECT
- KONTEX ULTRA
- MULTI GRIP



201

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	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	210	211	212	21189	21658	21062	10	105
16	4	213	214	215	216	217	218	10	130
16	5	2110	211	200	21168	21150	21198	10	158
32	3	2113	2114	2115	210120	21301	210122	10	268
32	4	2116	2117	2118	2119	2120	2121	10	286
32	5	2122	2123	201	21174	210133	21052	10	312



Ampere	16	16	16	32	32	32
Polzahl	3	4	5	3	4	5
ø a	59,0	71,0	71,0	80,0	80,0	80,0
b	94,0	103,0	103,0	124,0	124,0	124,0
d	109,0	123,0	123,0	145,0	145,0	145,0
ø e	18,0	21,0	21,0	29,0	29,0	29,0
f	63,0	76,0	76,0	85,0	85,0	85,0
x	145,0	160,0	160,0	191,0	191,0	191,0
y	59,0	71,0	71,0	80,0	80,0	80,0
z	64,0	76,0	78,0	85,0	85,0	89,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6,0	6,0	6,0

2 MB 99

Plug TE-Plus with MULTI-GRIP

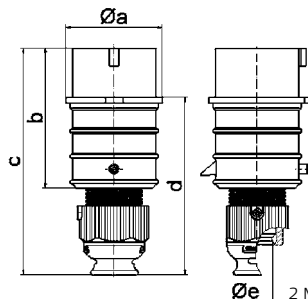
- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Protection degree IP44

- QUICK CONNECT
- MULTI GRIP



21689

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	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	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



Ampere	16	16	16	32	32	32
Polzahl	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

2 MB 93

Plug TE with MULTI-GRIP

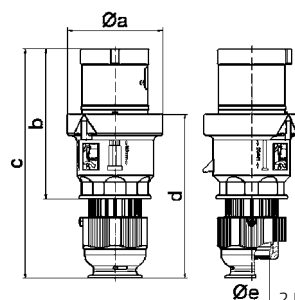
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Screwless enclosure connection, self locking
- Protection degree IP44

- MULTI GRIP



2155

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	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		
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



Ampere	63	63	63
Polzahl	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

2 MB 158

Plug TE-Plus with MULTI-GRIP

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

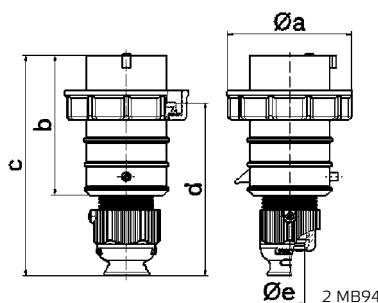
Accessories: Closure cap: see page 110/3

QUICK CONNECT
MULTI GRIP



21239

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



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

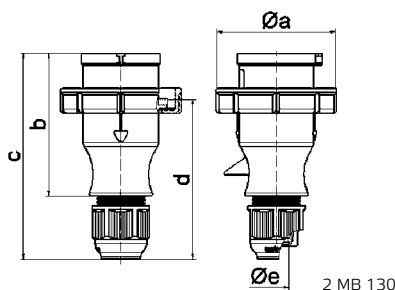
- Screw terminals
- Nickel plated contacts
- One-piece enclosure
- Special gland, simultaneous cable gland and seal
- Protection degree IP67

MULTI GRIP



210589

Ampere	Poles	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
		3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h		
16	3	210575	210576	210577	210578	210579	210580	10	155
16	4	210581	210582	210583	210584	210585	210586	10	170
16	5	210587	210588	210589	210590	210591	210592	10	170
32	3	210593	210594	210595	210596	210597	210598	10	243
32	4	210599	210600	210601	210602	210603	210604	10	255
32	5	210605	210606	210607	210608	210609	210610	10	305



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, simultaneous cable gland and seal
- Screwless enclosure connection, self locking
- Protection degree IP67

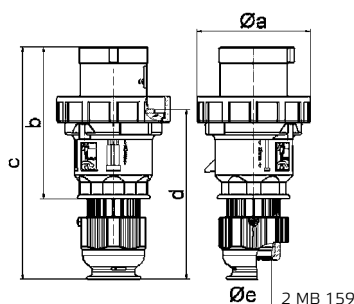
Accessories: Closure cap: see page 110/3

MULTI GRIP



210766

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



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

Plugs and Connectors

Plugs Protection Degree IP44, Lockable Plugs and Angled Plugs

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, simultaneous cable gland and seal
- Screwless enclosure connection, self locking
- Protection degree IP67

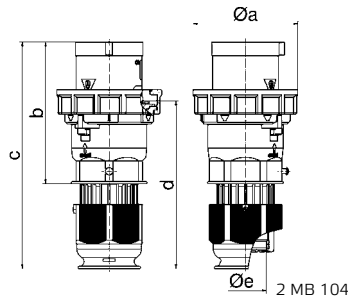
Accessories: closure cap, see page 110/3

MULTI GRIP



2199

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
125	3	2190	2191	2192	210964		211133	5	1020
125	4	2193	2194	2195	2196	21607	211155	5	1125
125	5	2197	2198	2199	21555	21851	211156	5	1235



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, simultaneous cable gland and seal
- Protection degree IP44

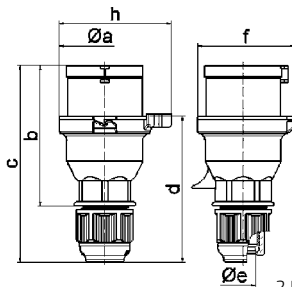
Accessories: Lock set, see page 110/5

QUICK CONNECT
MULTI GRIP



210951

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
16	5			210950				10	180
32	5			210951				10	305



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

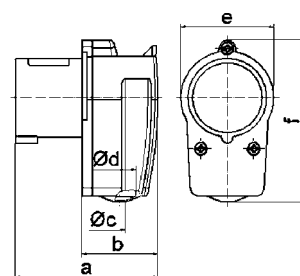
Angled Plug

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



231

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
16	3		231					10	150
16	4							10	170
16	5			236				10	175
32	5			2300-BE				10	280



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

Surface Mounting Appliance Inlet

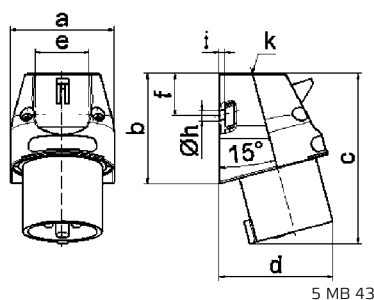
- Screw terminals
- Cable entry 1x at top (open), 1x at bottom (closed)
- Protection degree IP44

Accessories: Closure cap, see page 110/3



240

3PHE 3PHE 3PHE		110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
Ampere	Poles	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	2448		240				10	115



Ampere	Poles
16	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. mm ² min	1
Cond. mm ² max	2,5

5 MB 43

Wall mounting appliance inlet INNOLINQ

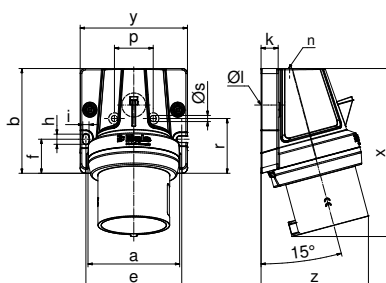
- Screwless terminals
- The cable entry is one at top open and one at bottom and one rear side closed
- Protection degree IP44
- Contact carrier is made of high temperature resistant material
- Contains no lead

QUICK CONNECT
KONTEX ULTRA



24661

3PHE 3PHE 3PHE		110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
Ampere	Poles	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							10	170
16	4	24712	24716	24714	24713	24717	24710	10	180
16	5	24673	24677	24675	24674	24678	24671	10	200
32	3	24684	24691	24694	24690	24695	24682	10	240
32	4	24701	24705	24703	24702	24706	24699	10	260
32	5	24659	24660	24661	24667	24663	24664	10	260



Ampere	Polzahl	16	16	32	32	32
		4	5	3	4	5
a		80,0	80,0	80,0	80,0	80,0
b		92,0	92,0	92,0	92,0	92,0
e		84,0	84,0	84,0	84,0	84,0
f		30,0	30,0	30,0	30,0	30,0
h		9,0	9,0	9,0	9,0	9,0
i		5,5	5,5	5,5	5,5	5,5
k		15,0	15,0	15,0	15,0	15,0
ø l		21,0	21,0	21,0	21,0	21,0
n		M32	M32	M32	M32	M32
x		133,0	134,0	147,0	147,0	148,0
y		94,0	94,0	94,0	94,0	94,0
z		89,0	93,0	92,0	92,0	95,0
Cond. mm ² min		1,0	1,0	2,5	2,5	2,5
Cond. mm ² max		4,0	4,0	10,0	10,0	10,0

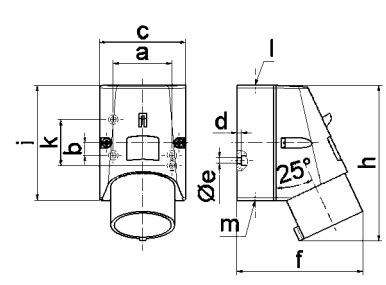
Surface Mounting Appliance Inlet

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



2415

3PHE 3PHE 3PHE		110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
Ampere	Poles	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	245						10	170
16	4			249				10	225
16	5			2415				10	255



Ampere	Poles	16	16	16
		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. mm ² min		1	1	1
Cond. mm ² max		2,5	2,5	2,5

5 MB 47

Surface Mounting Appliance Inlet QUICK-CONNECT TE

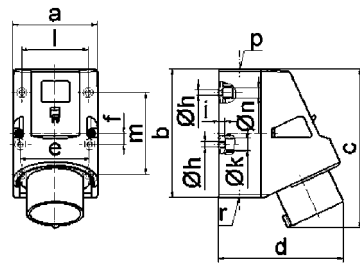
- Screwless terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Cable entry 1x at top (open), 2x at bottom (closed)
- Base rotatable by 180°
- 4 mounting holes in enclosure base
- Suitable for through wiring
- Protection degree IP44

QUICK CONNECT



24413

Ampere	Poles	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
16	5							10	305
32	3	24408	24409					10	335
32	4		24410	24411	24412			10	350
32	5		24551	24413				10	385



5 MB 45

Ampere	Poles	16	32	32	32
a	83,0	83,0	83,0	83,0	83,0
b	126,0	126,0	126,0	126,0	126,0
c	155,5	165,0	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

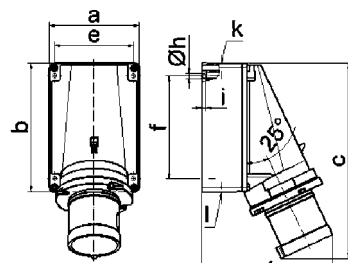
Surface Mounting Appliance Inlet

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



24134

Ampere	Poles	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
63	3			24336				5	775
63	4			24337	24338	24339		5	925
63	5					24134		5	975



5 MB 48

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

Surface Mounting Appliance Inlet

- Screw terminals
- With hinged lid
- Protection degree IP44



110V
50-60 Hz
3pol 4pol 5pol
4h 4h 4h

230V
50-60 Hz
3pol 4pol 5pol
6h 9h 9h

400V
50-60 Hz
3pol 4pol 5pol
9h 6h 6h

500V
50-60 Hz
3pol 4pol 5pol
7h 7h 7h

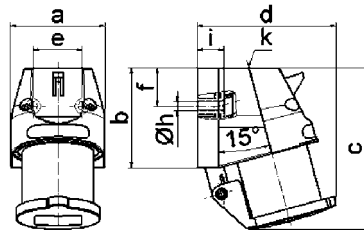
>50V
100-300Hz
3pol 4pol 5pol
10h 10h 10h

>50V
301-500Hz
3pol 4pol 5pol
2h 2h 2h

16 3 **242** 10 150



242



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

5 MB 17

Surface Mounting Appliance Inlet

- Screw terminals
- With closure cap
- Protection degree IP44



110V
50-60 Hz
3pol 4pol 5pol
4h 4h 4h

230V
50-60 Hz
3pol 4pol 5pol
6h 9h 9h

400V
50-60 Hz
3pol 4pol 5pol
9h 6h 6h

500V
50-60 Hz
3pol 4pol 5pol
7h 7h 7h

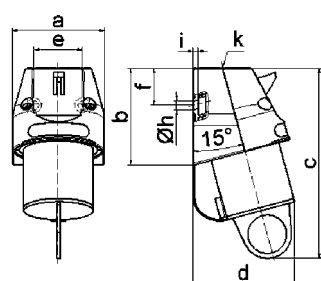
>50V
100-300Hz
3pol 4pol 5pol
10h 10h 10h

>50V
301-500Hz
3pol 4pol 5pol
2h 2h 2h

16 3 **2400** 10 140



2400



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

5 MB 60

Surface Mounting Appliance Inlet

- Screw terminals
- With hinged lid
- Protection degree IP44



110V
50-60 Hz
3pol 4pol 5pol
4h 4h 4h

230V
50-60 Hz
3pol 4pol 5pol
6h 9h 9h

400V
50-60 Hz
3pol 4pol 5pol
9h 6h 6h

500V
50-60 Hz
3pol 4pol 5pol
7h 7h 7h

>50V
100-300Hz
3pol 4pol 5pol
10h 10h 10h

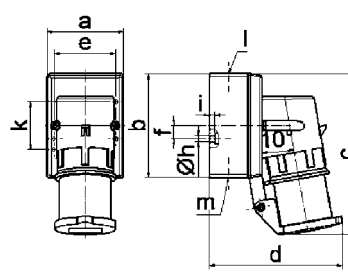
>50V
301-500Hz
3pol 4pol 5pol
2h 2h 2h

16 3 **2461** 10 205

16 4 **2465** 10 255



2465



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

5 MB 10

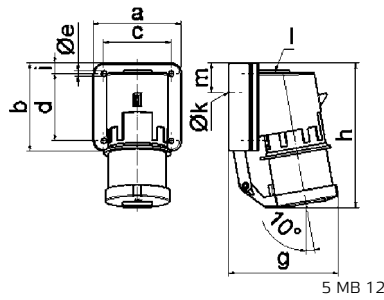
Surface Mounting Appliance Inlet

- Screw terminals
- With hinged lid
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol		
16	5															10	270	
32	3															10	335	
32	4															10	330	
32	5															10	350	



24012



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

5 MB 12

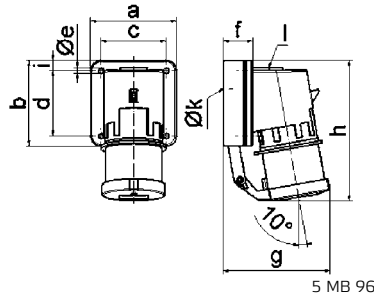
Surface Mounting Appliance Inlet QUICK-CONNECT TE

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

Ampere	Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol		
16	5															10	270	
32	5															10	370	



24415



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

5 MB 96

QUICK CONNECT

Surface Mounting Appliance Inlet

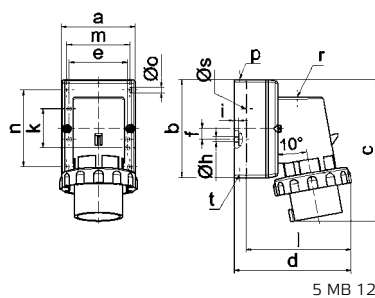
- Screw terminals
- Nickel plated contacts
- Terminal for 1 mm² to 2.5 mm² conductor for 16A
- Terminal for 2.5 mm² to 6 mm² conductor for 32A
- Protection degree IP67

Accessories: Closure cap: see page 110/3



2483

Amperage	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	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	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



Amperage	Poles	16	16	16	32	32	32
		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	-	-	-	-

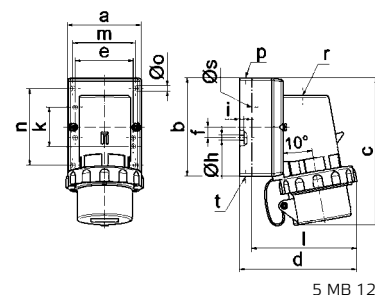
Surface Mounting Appliance Inlet

- 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



2495

Amperage	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	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	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



Amperage	Poles	16	16	16	32	32	32
		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

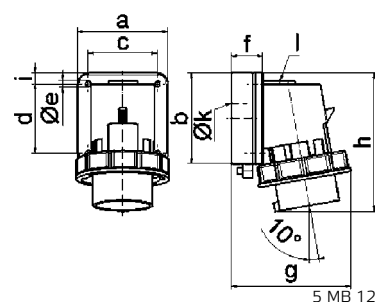
Accessories: Closure cap: see page 110/3

QUICK CONNECT



24418

Amperage	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	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	5			24416				10	275
32	5			24418				10	355



Amperage	Poles	16	32
		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

Surface Mounting Appliance Inlet QUICK-CONNECT TE

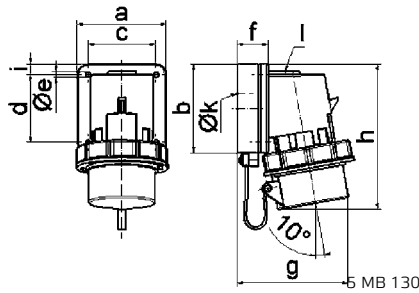
- Screwless terminal
- With closure cap
- Nickel plated contacts
- Terminal for 1 mm² to 2.5 mm² conductor for 16A
- Terminal for 2.5 mm² to 6 mm² conductor for 32A
- Protection degree IP67

QUICK CONNECT



24419

		110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
Ampere	Poles	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol		
16	5																			10	340
32	5																			10	430



Ampere Poles	16 5	32 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

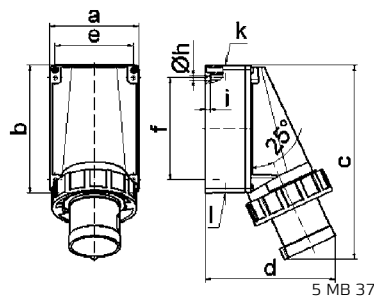
- Screw terminals
- Box terminals
- Cable entry 1x at top (open), 2x at bottom (closed)
- Base rotatable by 180°
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap, see page 110/3



24062

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



Ampere Poles	63 3	63 4	63 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. mm ² min	6	6	6
Cond. mm ² max	16	16	16

Surface Mounting Appliance Inlet

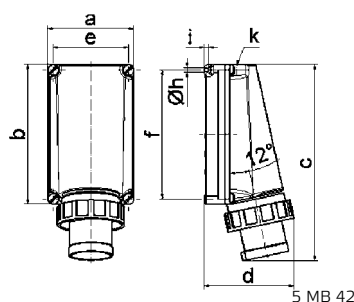
- Screw terminals
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap, see page 110/3



24202

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



Ampere Poles	125 3	125 4	125 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. mm ² min	16	16	16
Cond. mm ² max	50	50	50

**Panel Mounting Appliance Inlet
QUICK-CONNECT TE**

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



110V
50-60 Hz
3pol 4pol 5pol
4h 4h 4h

230V
50-60 Hz
3pol 4pol 5pol
6h 9h 9h

400V
50-60 Hz
3pol 4pol 5pol
9h 6h 6h

500V
50-60 Hz
3pol 4pol 5pol
7h 7h 7h

>50V
100-300Hz
3pol 4pol 5pol
10h 10h 10h

>50V
301-500Hz
3pol 4pol 5pol
2h 2h 2h

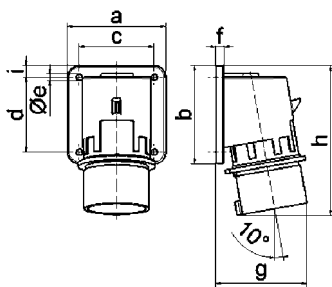
Quantity Each

16	5	26050	10	180
32	5	26051	10	265

QUICK CONNECT



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



110V
50-60 Hz
3pol 4pol 5pol
4h 4h 4h

230V
50-60 Hz
3pol 4pol 5pol
6h 9h 9h

400V
50-60 Hz
3pol 4pol 5pol
9h 6h 6h

500V
50-60 Hz
3pol 4pol 5pol
7h 7h 7h

>50V
100-300Hz
3pol 4pol 5pol
10h 10h 10h

>50V
301-500Hz
3pol 4pol 5pol
2h 2h 2h

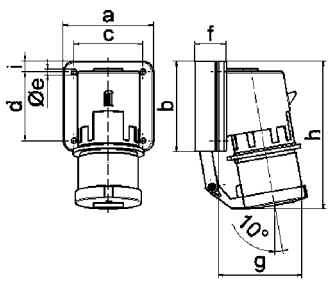
Quantity Each

16	5	26052	10	275
32	5	26053	10	355

QUICK CONNECT



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

Panel Mounting Appliance Inlet QUICK-CONNECT TE

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

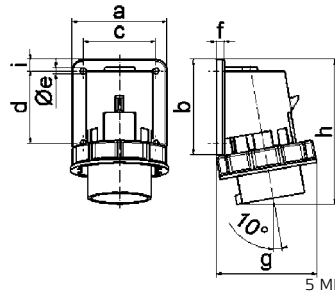
Accessories: Closure cap page 110/3

QUICK CONNECT



26054

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



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

5 MB 88

Panel Mounting Appliance Inlet QUICK-CONNECT TE

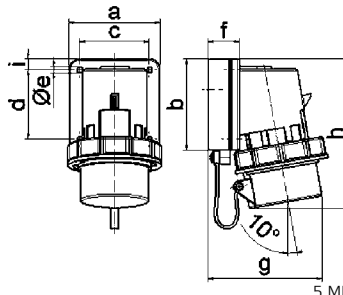
- Screwless terminals
- With closure cap
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

QUICK CONNECT



26056

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



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

5 MB 89

Panel Mounting Appliance Inlet

- Screw terminals
- Protection degree IP44



110V
50-60 Hz
3pol 4pol 5pol
4h 4h 4h

230V
50-60 Hz
3pol 4pol 5pol
6h 9h 9h

400V
50-60 Hz
3pol 4pol 5pol
9h 6h 6h

500V
50-60 Hz
3pol 4pol 5pol
7h 7h 7h

>50V
100-300Hz
3pol 4pol 5pol
10h 10h 10h

>50V
301-500Hz
3pol 4pol 5pol
2h 2h 2h



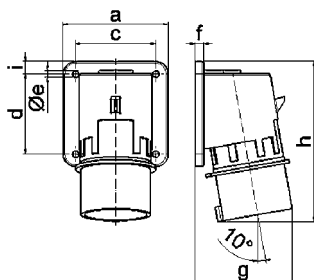
9

Quantity 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



Ampere Poles	16 3	16 4	16 5	32 3	32 4	32 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

5 MB 24

Panel Mounting Appliance Inlet

- Screw terminals
- With hinged lid
- Protection degree IP44



110V
50-60 Hz
3pol 4pol 5pol
4h 4h 4h

230V
50-60 Hz
3pol 4pol 5pol
6h 9h 9h

400V
50-60 Hz
3pol 4pol 5pol
9h 6h 6h

500V
50-60 Hz
3pol 4pol 5pol
7h 7h 7h

>50V
100-300Hz
3pol 4pol 5pol
10h 10h 10h

>50V
301-500Hz
3pol 4pol 5pol
2h 2h 2h



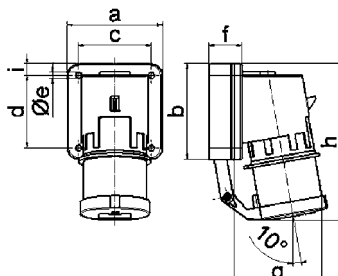
9

Quantity 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



Ampere Poles	16 3	16 4	16 5	32 3	32 4	32 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

5 MB 2

Panel Mounting Appliance Inlet

- Screw terminals
- Nickel plated contacts
- Protection degree IP67

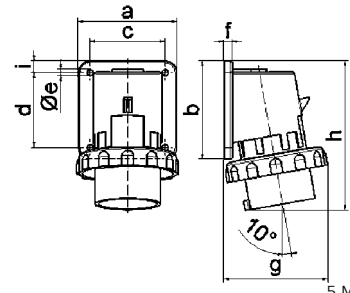
Accessories: Closure cap: see page 110/3



2601

Ampere	Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol		
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	

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



5 MB 1

Panel Mounting Appliance Inlet

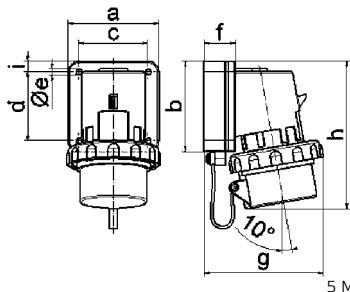
- Screw terminals
- With closure cap
- Nickel plated contacts
- Protection degree IP67



2604

Ampere	Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol		
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	

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



5 MB 3

Appliance Inlet with Flange QUICK-CONNECT TE

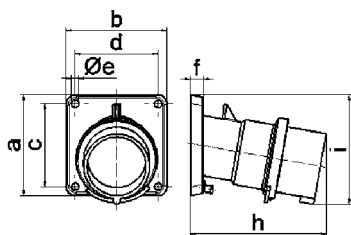
- Screwless terminals
- 10° angled
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44

QUICK CONNECT



27124

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



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

5 MB 21

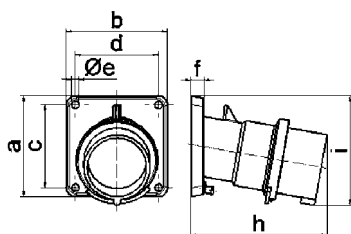
Appliance Inlet with Flange TE

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



2781

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



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

5 MB 21

Appliance Inlet with Flange QUICK-CONNECT TE

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

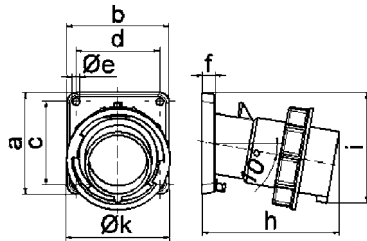
Accessories: closure cap, see page 110/3

QUICK CONNECT



2793

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
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



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

5 MB 22

Appliance Inlet with Flange TE

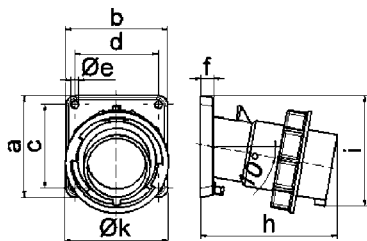
- Screw terminals
- 10° angled
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap, see page 110/3



270

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
63	3	27006	27007	27008				5	575
63	4	27009	27010	27011				5	640
63	5	27015	27016	27017				5	695



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

5 MB 22

Appliance Inlet with Flange TE

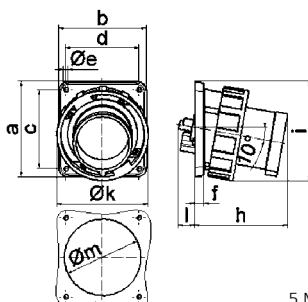
- Screw terminals
- 10° angled
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP67

Accessories: closure cap, see page 110/3



2744

Ampere	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
125	3	2735	2736	2737				5	905
125	4	2738	2739	2740				5	1020
125	5	2742	2743	2744				5	1115



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

5 MB 56

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



282002

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

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

5 MB 85

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



28108

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

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

5 MB 126

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



2837

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

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

5 MB 59

Appliance Inlet with Flange

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

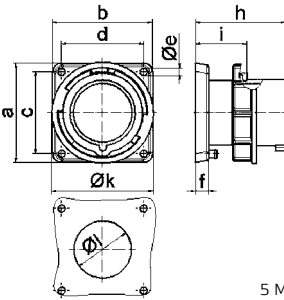
A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

Accessories: closure cap, see page 110/3



28109

Ampere	Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol		
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			



5 MB 124

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

Appliance Inlet with Flange TE

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

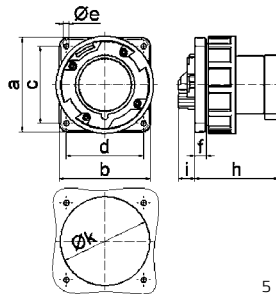
A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

Accessories: closure cap, see page 110/3



2838

Ampere	Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol					
63	3	2881															5	530			
63	4	2842															5	580			
63	5	2838															5	650			



5 MB 50

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

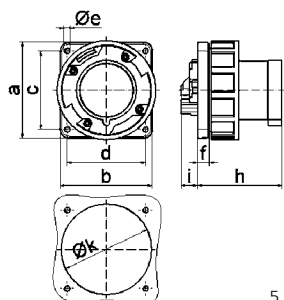
A retaining device to match the hinged cover of the connector must be provided to ensure the latching feature

Accessories: closure cap, see page 110/3



2876

Ampere	Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			>50V 100-300Hz			>50V 301-500Hz			Quantity	Each
		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol					
125	3	2882															5	885			
125	4	2860															5	950			
125	5	2861															5	1110			
		2876																			



5 MB 57

Ampere	Poles	125	125	125
a	120,0	120,0	120,0	120,0
b	120,0	120,0	120,0	120,0
c	100,0	100,0	100,0	100,0
d	100,0	100,0	100,0	100,0
ø e	6,5	6,5	6,5	6,5
f	13,0	13,0	13,0	13,0
h	116,0	116,0	116,0	116,0
i	20,0	20,0	20,0	20,0
k	104,0	104,0	104,0	104,0
Cond. mm² min	16	16	16	16
Cond. mm² max	50	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 99/1 (5 MB 21)

QUICK CONNECT

27249



Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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 99/2 (5 MB 21)

2781



Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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 110/3
Dimension drawing: see page 100/1 (5 MB 22)

QUICK CONNECT

27246



Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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 110/3
Dimension drawing: see page 100/2 (5 MB 22)

27017



Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
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 110/3
Dimension drawing: see page 100/3 (5 MB 56)

2744



Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h		
125	3	2736			2737					5	905	
125	4	2739			2740			2741		5	1020	
125	5	2743			2744			27024		5	1115	

**Phase Inverter as Plug
QUICK-CONNECT with MULTI-GRIP**

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



225

QUICK CONNECT
MULTI GRIP

Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
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, simultaneous cable gland and seal
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44



2271

Dimension drawing: see page 86/2 (2 MB 93)

MULTI GRIP

Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
16	5			2286			10	195	
32	5			2287			10	300	

**Phase Inverter as Plug TE
with MULTI-GRIP**

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



2251

Accessories: closure cap page 110/3
Dimension drawing: see page 87/1 (2 MB 94)

MULTI GRIP

Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
16	5			2266			10	230	
32	5			2267			10	360	

**Phase Inverter as
Surface Mounting Appliance Inlet**

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



24211

Dimension drawing: see page 90/1 (5 MB 45)

Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
16	5			24208			10	320	
32	5			24210			10	380	

**Phase Inverter as
Panel Mounting Appliance Inlet**

- Screw terminals
- Nickel plated contacts
- Protection degree IP44



2602

Dimension drawing: see page 95/1 (5 MB 92)

Amperage	Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
16	5			26008			10	185	
32	5			2652			10	250	

Phase Inverter as Panel Mounting Appliance Inlet

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

Dimension drawing: see page 95/2 (5 MB 93)



26020

Amperes	Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
16	5						9	270	
32	5						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 101/2 (5 MB 126)



28183

Amperes	Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
16	5						9	205	
32	5						10	275	

Phase Inverter as Appliance Inlet with Flange

- 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 101/1 (5 MB 85)



2870

Amperes	Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
16	5						9	140	
32	5						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 110/3
Dimension drawing: see page 98/1 (5 MB 1)



2607

Amperes	Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
16	5						9	205	
32	5						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 110/3
Dimension drawing: see page 102/1 (5 MB 124)



28184

Amperes	Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	Each
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
16	5						9	250	
32	5						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 213/1



2214

Amperes	Poles	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	Quantity	Each
		3pol 6h 4pol 9h 5pol 9h	3pol 9h 4pol 6h 5pol 6h	3pol 7h 4pol 7h 5pol 7h		
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

Amperes	Poles	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	Quantity	Each
		3pol 6h 4pol 9h 5pol 9h	3pol 9h 4pol 6h 5pol 6h	3pol 7h 4pol 7h 5pol 7h		
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

Amperes	Poles				Quantity	Each
		3pol 9h	4pol 6h	5pol 6h		
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

Connector INNOLINQ

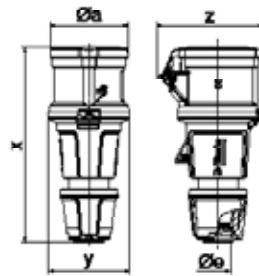
- Screwless terminals
- Screwless enclosure connection, self locking
- Special gland, simultaneous cable gland and seal
- Protection degree IP54
- Contact carrier is made of high temperature resistant material
- Contains no lead

- QUICK CONNECT**
- KONTEX ULTRA**
- MULTI GRIP**



301

Ampere	Poles	110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	>50V 100-300Hz	>50V 301-500Hz	Quantity	Each
		3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h		
16	3	310	311	312	31891	31892	31049	10	135
16	4	313	314	315	316	317	318	10	148
16	5	3110	3111	300	31094	319	31270	10	200
32	3	3113	3114	3115	31906	31907	31603	10	300
32	4	3116	3117	3118	3119	3120	3121	10	312
32	5	3122	3123	301	31602	31919	31604	10	330



Ampere	16	16	16	32	32	32
Polzahl	3	4	5	3	4	5
ø a	55,0	61,0	68,0	69,0	69,0	76,0
x	157,0	171,0	171,0	205,0	205,0	205,0
y	59,0	71,0	71,0	80,0	80,0	80,0
z	80,0	90,0	94,0	99,0	99,0	105,0
ø e	18,0	21,0	21,0	29,0	29,0	29,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6,0	6,0	6,0

Connector TE-Plus with MULTI-GRIP

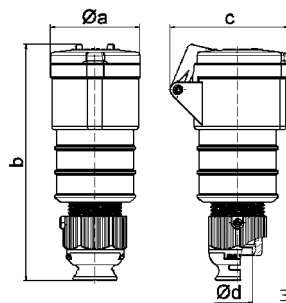
- Screwless terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Protection degree IP44

- QUICK CONNECT**
- MULTI GRIP**



31981

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



Ampere	16	16	16	32	32	32
Polzahl	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

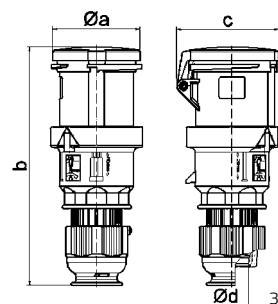
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Protection degree IP44

- MULTI GRIP**



3112

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



Ampere	63	63	63
Polzahl	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

Connector with MULTI-GRIP

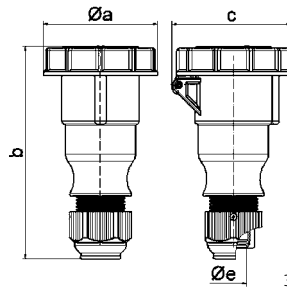
- Screw terminals
- Nickel plated contacts
- One-piece enclosure
- Kontex contact
- Special gland, simultaneous cable gland and seal
- Protection degree IP67

MULTI GRIP



310346

Ampere	Polzahl	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
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



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

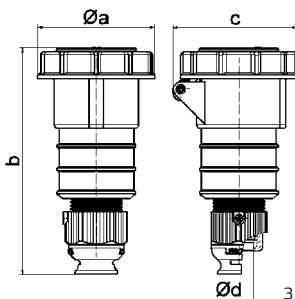
- Screwless terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Protection degree IP67

QUICK CONNECT
MULTI GRIP



31243

Ampere	Polzahl	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
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



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

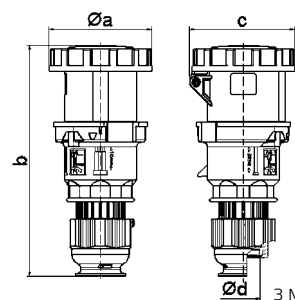
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Protection degree IP67

MULTI GRIP



310495

Ampere	Polzahl	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
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



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

Connector TE with MULTI-GRIP

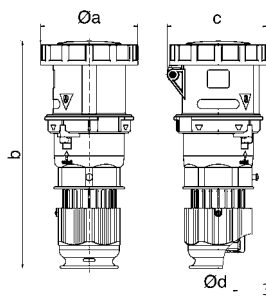
- Screw terminals
- Box terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- self locking
- Protection degree IP67

MULTI GRIP



3199

Amperage	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
125	3	3190	3191	3192				5	1130
125	4	3193	3194	3195	3196	31611		5	1230
125	5	3197	3198	3199	31417			5	1300



Amperage	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

3 MB 131

Connector QUICK-CONNECT lockable

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

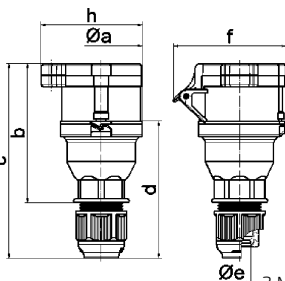
Accessories: Lock set, see page 110/5

QUICK CONNECT
MULTI GRIP



310635

Amperage	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
16	5			310634				10	190
32	5			310635				10	300



Amperage	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

3 MB 106

Hanging Connector TE-Plus with MULTI-GRIP

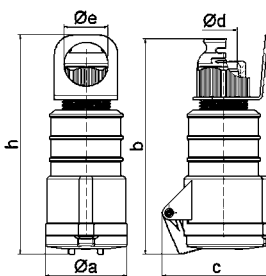
- Screwless terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Protection degree IP44

QUICK CONNECT
MULTI GRIP



3214

Amperage	Poles	110V	230V	400V	500V	>50V	>50V	Quantity	Each
		50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	100-300Hz	301-500Hz		
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



Amperage	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

3 MB 74

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. TE	830
16A / 4pol. TE	835
16A / 5pol., 7pol. TE	831
32A / 3pol., 4pol. TE	837
32A / 5pol., 7pol. TE	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

1

2

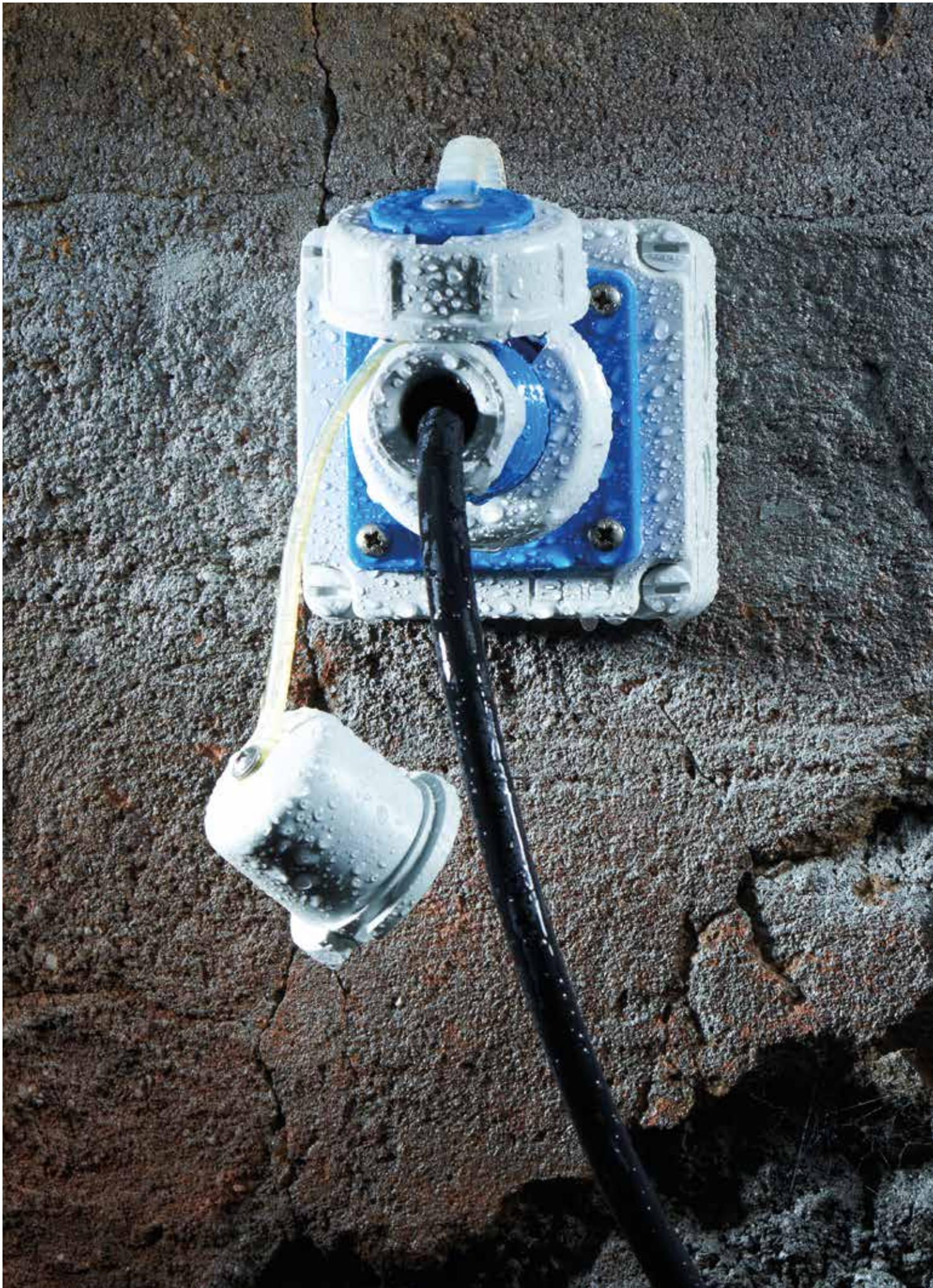
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Domestic Panel Mounting Socket Outlets



Domestic Surface Mounting Socket Outlets



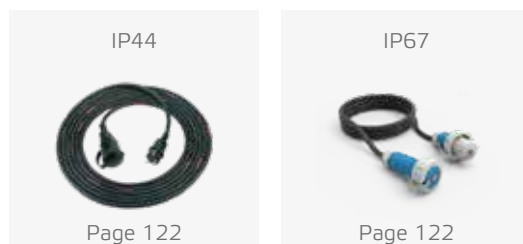
Domestic Plugs and Inlets



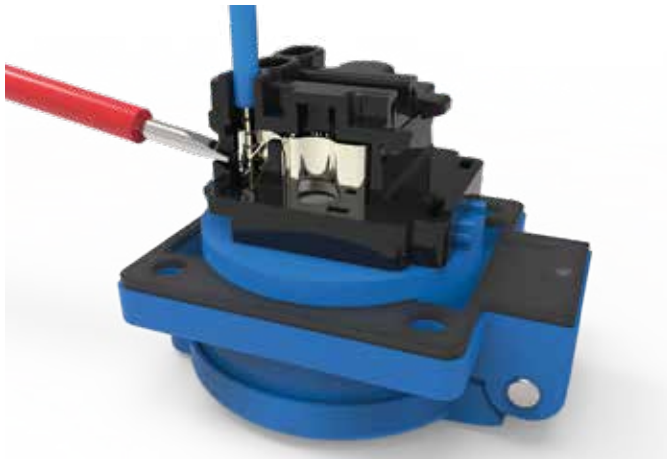
Domestic Connectors



Domestic Extension Leads



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 child-proof safety feature 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



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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 child protection
 - 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.

Domestic Plugs and Sockets

German earthing system type F

Technical Information

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

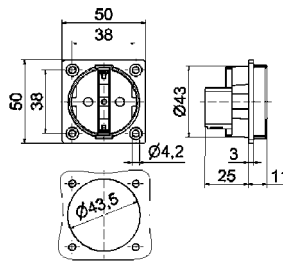
Domestic Panel Mounting Socket Outlet

- 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

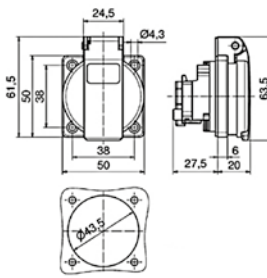
Domestic Panel Mounting Socket Outlet

- 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

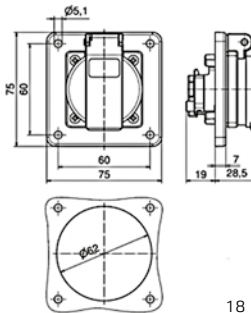
Domestic Panel Mounting Socket Outlet

- 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

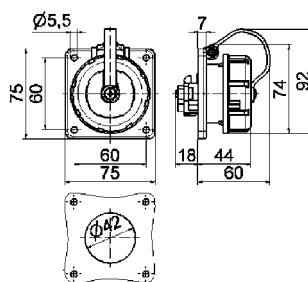
Domestic Panel Mounting Socket Outlet

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

Type F - German standard



7112



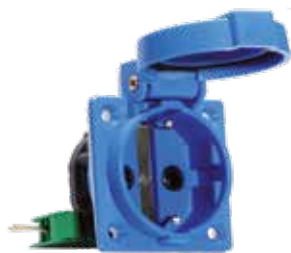
18 MB 19

Colour	Order no.	Qty
blue	7112	10
grey	7119	10

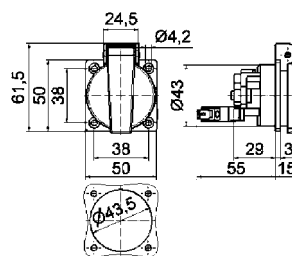
Domestic Panel Mounting Socket Outlet with Auxiliary Contact

- 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

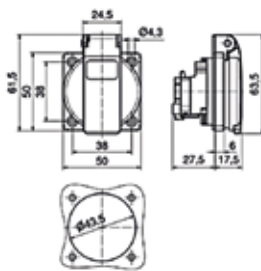
Domestic Panel Mounting Socket Outlet

- 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

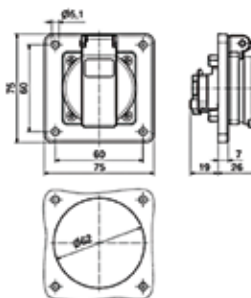
Domestic Panel Mounting Socket Outlet

- 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

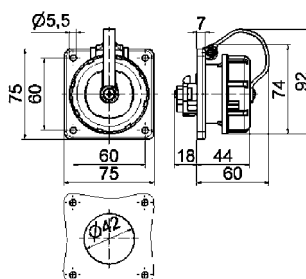
Version	Colour	Order no.	Qty
QUICK CONNECT	blue	71121	20
QUICK CONNECT	grey	71122	20
QUICK CONNECT	black	71123	20
QUICK CONNECT child-proof cover	blue	7112109	20
QUICK CONNECT child-proof cover	grey	7112209	20
QUICK CONNECT child-proof cover	black	7112309	20

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

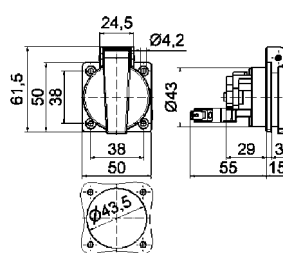
Colour	Order no.	Qty
blue	7153	10
grey	71028	10

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

7163



18 MB 36

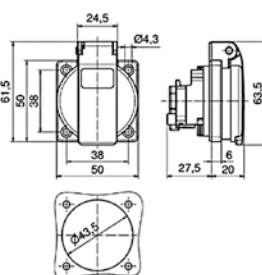
Version	Colour	Order no.	Qty
NO contact	blue	71001	20
NC contact	blue	7163	20

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



18 MB 102

Colour	Order no.	Qty
blue	71142	10

Domestic Plugs and Sockets

Danish earthing system type K

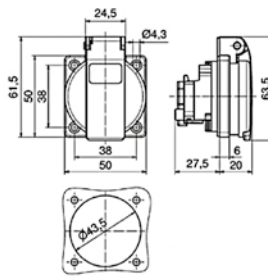
Technical Information

- 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

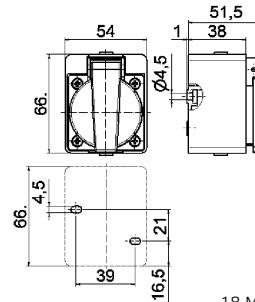
blue	71071	10
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Domestic Surface Mounting Socket Outlet

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



724



18 MB 35

Type Colour Order no. Qty

German / F	blue	724	20
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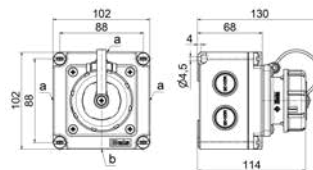
German / F	black	726	20
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Domestic Surface Mounting Socket Outlet

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



7245



18 MB 114

Type Colour Order no. Qty

German / F	blue	7245	10
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Belg./French/E	blue	7246	10
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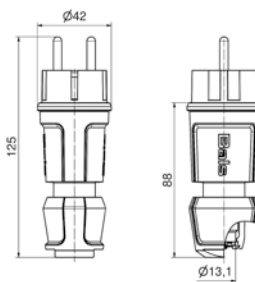
Domestic Plug

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



MULTI GRIP

7370



18 MB 119

Type Colour Order no. Qty

German/F Belg./French/E	blue	7370	10
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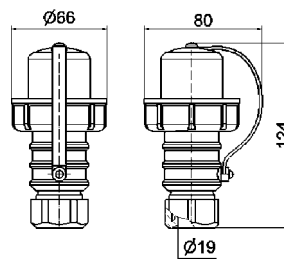
German/F Belg./French/E	grey	7371	10
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German/F Belg./French/E	black	7372	10
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Domestic Plug

- 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
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German/F Belg./French/E	grey	737	10
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Technical Information

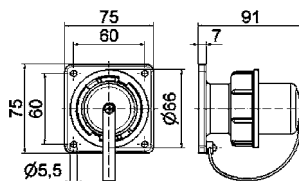
- 16A / 250V~
- VDE 0620 / NBN C 61-112-1

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

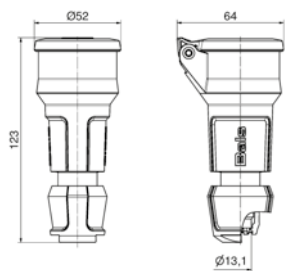
Type F - German standard



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 increased contact protection

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

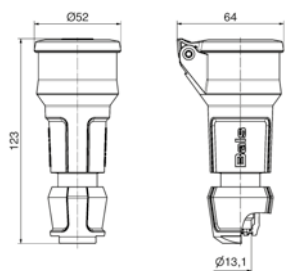
Type F - German standard



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

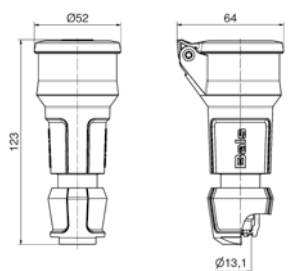
Type E - Belgian/ French standard



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 with increased contact protection

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

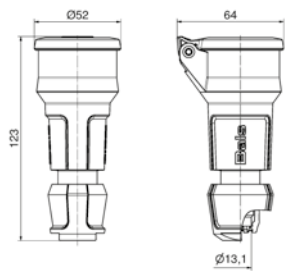
Type E Belgian/ French standard



MULTI GRIP



749009



18 MB 120

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

Domestic Plugs and Sockets

Appliance Inlets with Flange and Connectors

Technical Information

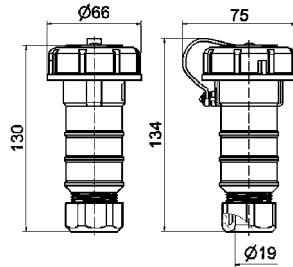
- 16A / 250V~
- VDE 0620 / NBN C 61-112-1

Domestic Connector

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



746



18 MB 26

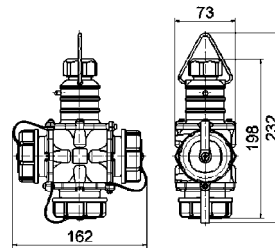
Type	Colour	Order no.	Qty
German/F	blue	746	10
German/F	grey	747	10
Belg./French/E	blue	7416	10
Belg./French/E	grey	7455	10

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

Technical Information

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

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Surface mounting distributors

<p>VARIABOX Technical properties</p>  <p>Pages 127 - 129</p>	<p>Plastic</p>  <p>Pages 130 - 143</p>	<p>Network sockets</p>  <p>Pages 140 - 141</p>	<p>Switched / interlocked</p>  <p>Pages 142</p>	<p>MODBOX Technical properties</p>  <p>Pages 144 - 145</p>
<p>Solid-Rubber</p>  <p>Pages 146 - 150</p>	<p>Stainless-Steel</p>  <p>Pages 151 - 154</p>			



Mobile distributors

<p>Plastic</p>  <p>Pages 156 - 157</p>	<p>EVOBOX</p>  <p>Pages 158 - 161</p>	<p>Solid-Rubber</p>  <p>Pages 162 - 170</p>
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Hanging distributors

<p>Plastic</p>  <p>Pages 171 - 173</p>	<p>Solid-Rubber</p>  <p>Pages 174 - 176</p>
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Bollards

<p>Distribution Bollards</p>  <p>Pages 177 - 179</p>	<p>Power-Ports</p>  <p>Pages 179</p>
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Accessories

<p>Plastic Enclosures</p>  <p>Page 180</p>	<p>Accessories</p>  <p>Pages 181 - 185</p>
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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

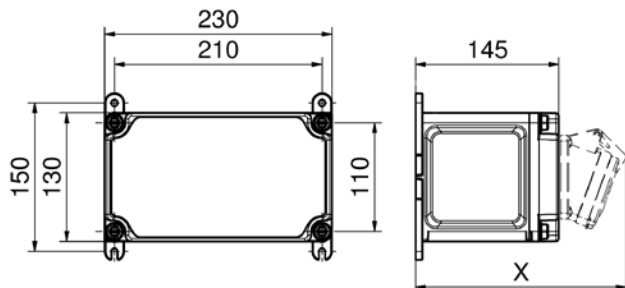


The metric cable entries at the top and bottom

1

VARIABOX-S

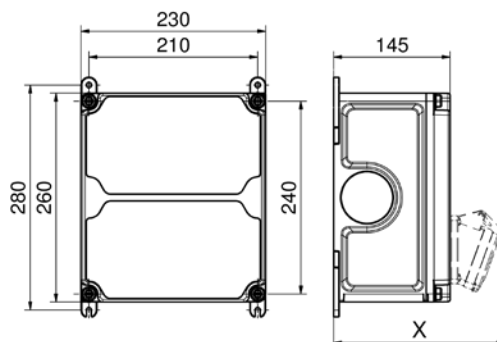
30MB208



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

VARIABOX-M

30MB207

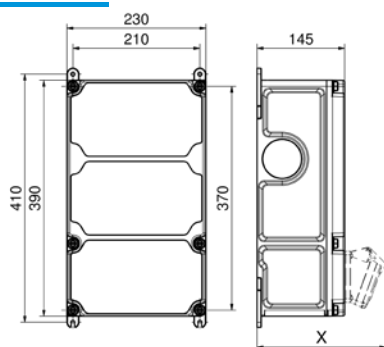


Standard cable entries pre-punched
Top: 1xM12, 1xM20, 2xM32 oder 2xM40
Bottom: 1xM12, 1xM20, 2xM32 oder 2xM40

2

VARIABOX-L

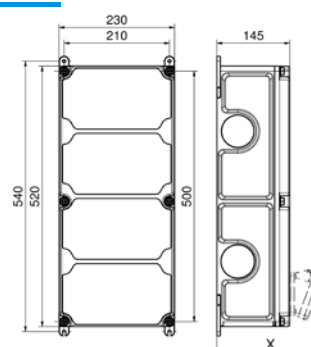
30MB206



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

VARIABOX-XL

30MB205



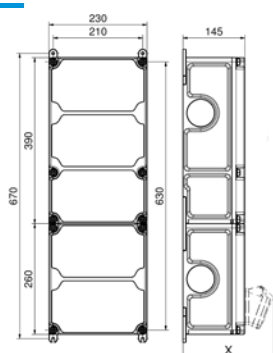
Standard cable entries pre-punched
Top: 1xM12, 1xM20, 2xM40
Bottom: 1xM12, 1xM20, 2xM40

3

4

VARIABOX-XXL

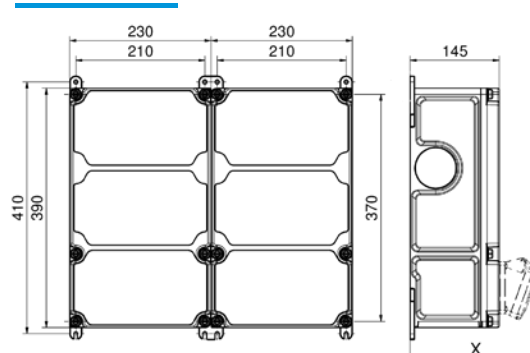
30MB204



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

5

6

Table X-dimension

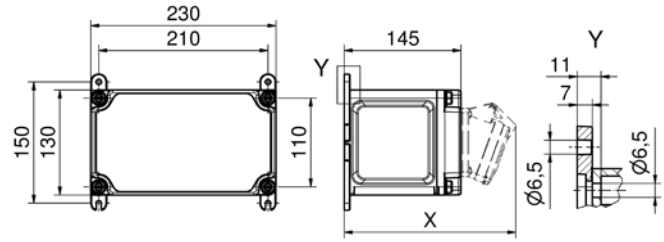
Components	Operation window	Domestic socket		CEE 16A 3pole		CEE 16A 4pole		CEE 16A 5pole		CEE 32A 3/4pole		CEE 32A 5pole		CEE 63A	
Protection class		IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP67
Depth X	180	162	205	200	200	204	202	207	205	211	213	213	214	229	231

7

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**



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**

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

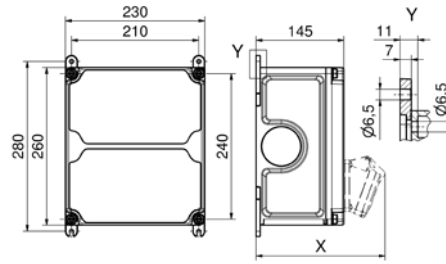
Connection option:
for 1 cable up to 3 x 6 mm²



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**



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**



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**



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**

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:

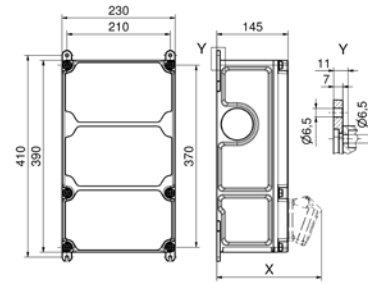
for 2 cables up to 5 x 25 mm²



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**

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**

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**

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**

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**

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

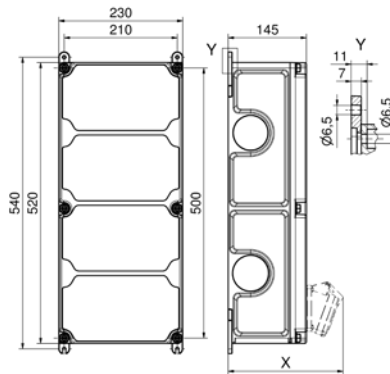


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Technical information

- 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)



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

30 MB 205

Ref. no. **89146**

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**

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**

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**

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**

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**

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:

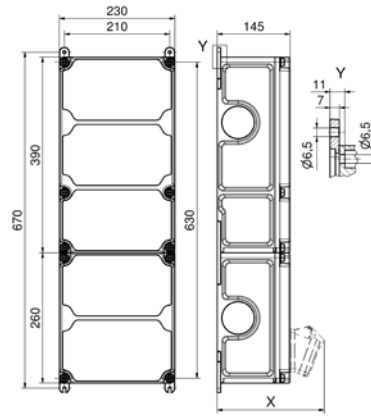
for 2 cables up to 5 x 25 mm²



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)



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

30 MB 204

Ref. no. **89127**

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

Not suitable for camping / marina



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**

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:

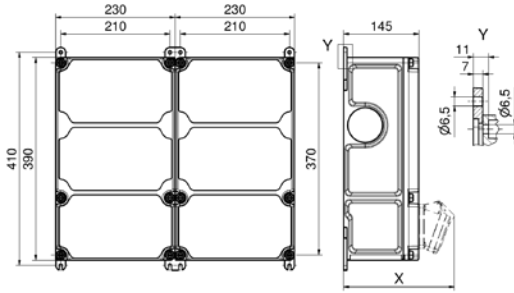
for 2 cables up to 5 x 25 mm²



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. **896294**

Components:

2 domestic sockets 16A, 230V
(type F - German standard)
1 CEE socket 16A, 400V, 5p
1 CEE socket 32A, 400V, 5p
3 RJ45 CAT6a data sockets

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 3x 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



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

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



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

Surface mounting network distributor

- Housing made of high-grade, impact-resistant plastic
- Size 140x100x90mm
- With network socket for max. 4 data modules
- With 2x TSS Multi M25

Ref. no. **581338**



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**



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:

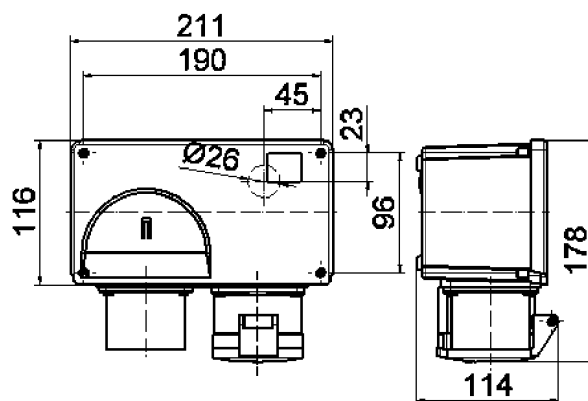
for 2 cables up to 5 x 25 mm²



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







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

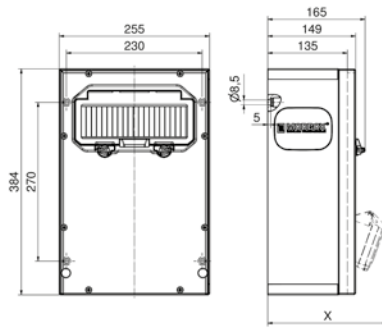
- Impact-resistant
- UV-resistant
- Halogen-free
- Resistant to ageing, temperature, oil and acid
- Excellent resistance to chemicals
- Flame-resistant, self-extinguishing



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



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

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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

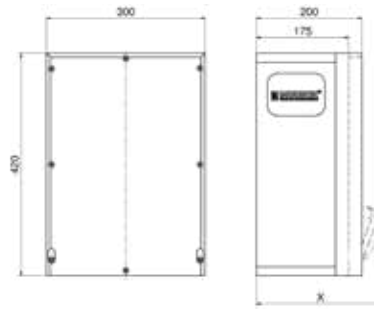
with RCCB B type: 5402797



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



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

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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 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: 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



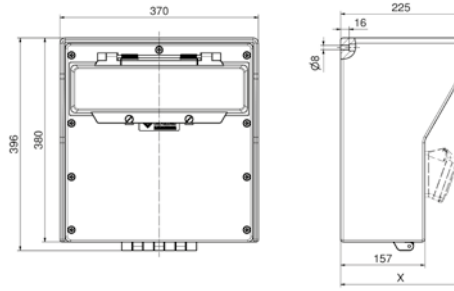
Combinations

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	Component	IP44	IP67
Domestic socket	172	215	CEE 32A 3p / 4p	221	223
CEE 16A 3p	210	210	CEE 32A 5p	223	224
CEE 16A 4p	214	212	CEE 63A 3p / 4p / 5p	239	241
CEE 16A 5p	217	215			

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

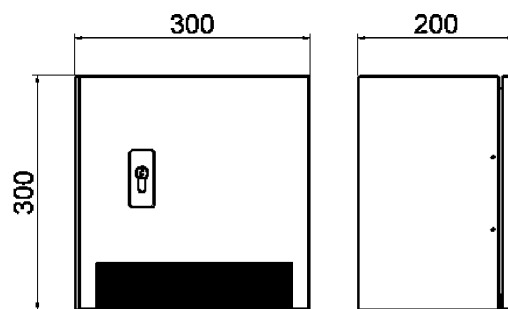
Connection option:
for 2 cables up to 5 x 25 mm²



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:

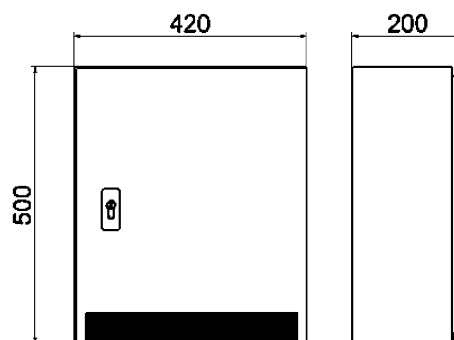
1x M20, 1x M25, 1x M32

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



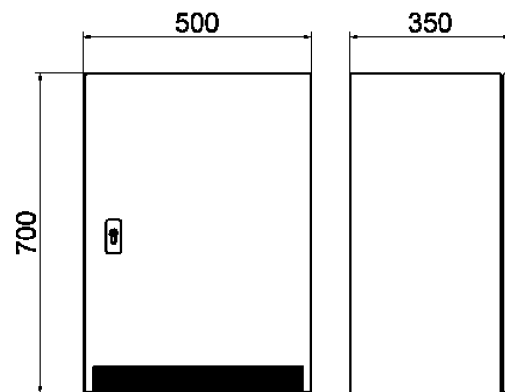
Combinations

Surface mounting cabinets

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:

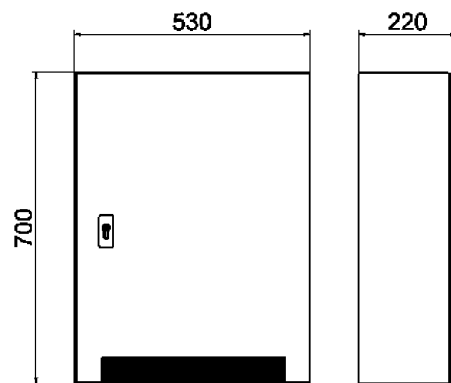
- 1x M40, 1x M50, 1x M63

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:

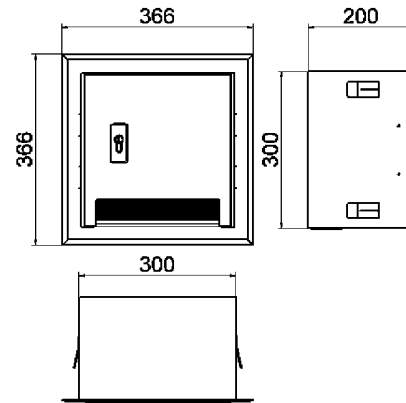
- 1x M32, 1x M40, 1x M50

Connection option:

- for 2 cables up to 5 x 25 mm²



- 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:

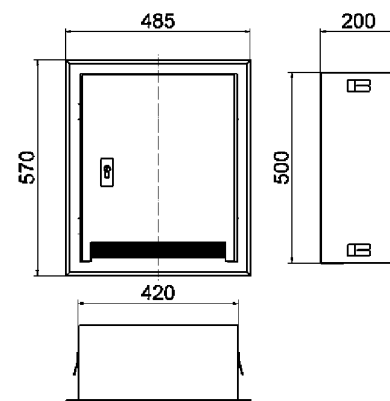
- 1x M20, 1x M25, 1x M32

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



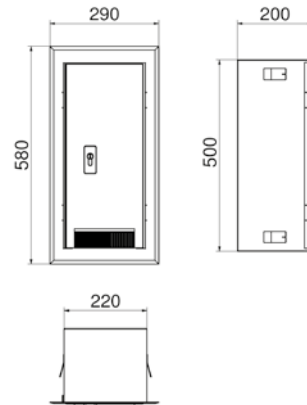
Combinations

Flush mounting cabinets

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:

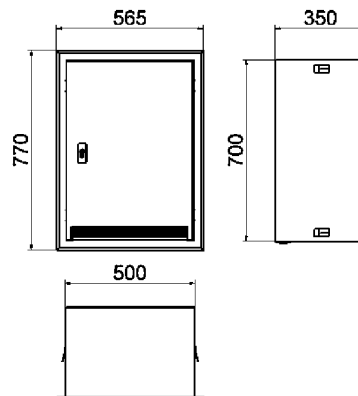
- 1x M32, 1x M40

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



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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



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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-polyethylene

Optional

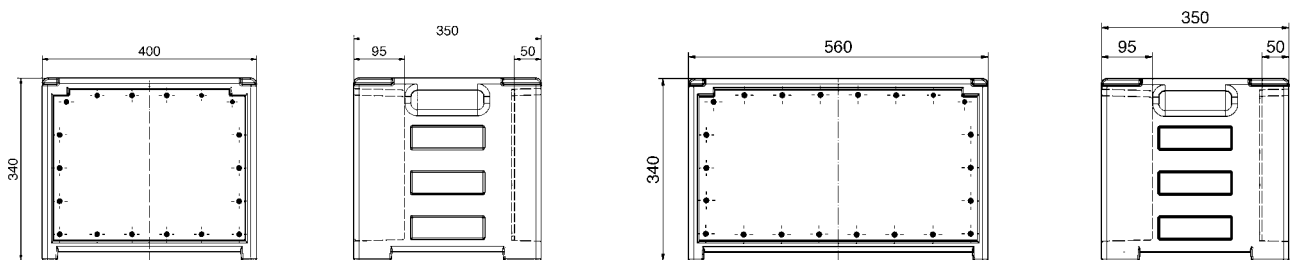
- Adapted arrangement of panel mounting sockets for plugs with protection degree IP67
- Phase control lights are easily visible under operating windows
- External earthing screw outside the housing
- Installation of overvoltage protection
- The housing can be blue, red and orange (minimum order quantity)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

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



 **EVOBOX-S**

 **EVOBOX-M**

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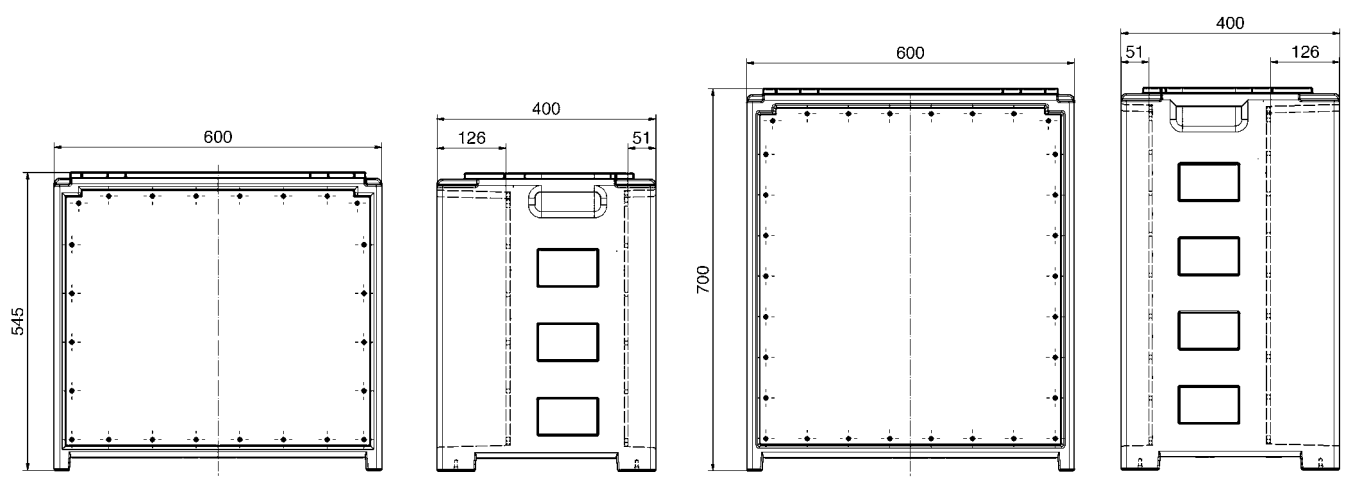
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The 4 coordinated housing sizes

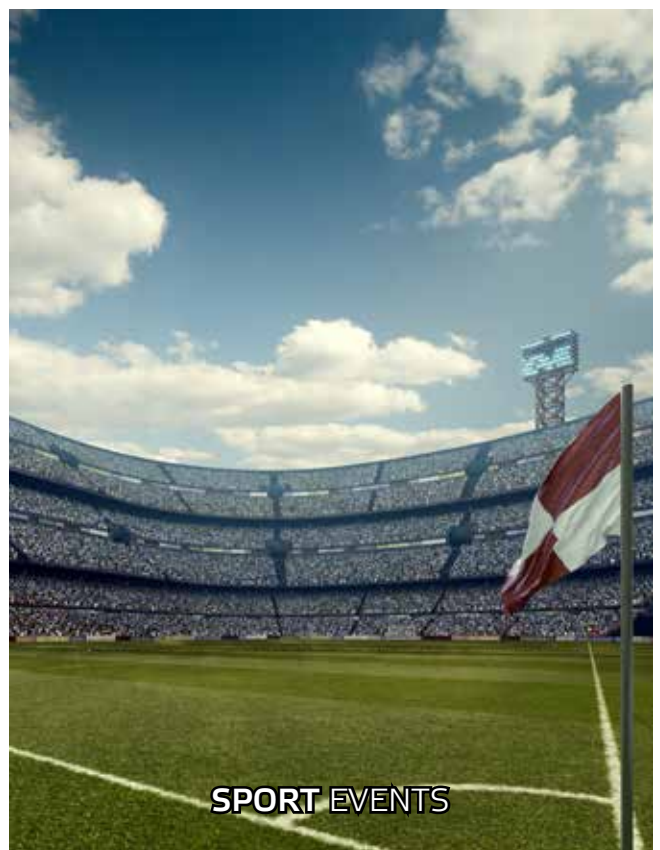


 **EVOBOX-L**

 **EVOBOX-XL**

One distributor - many areas of application

The mobile distributor generation **EVOBOX**, customized, depending on the area of application.



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-S**



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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-M**



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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-L**



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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 16A, 3p
4 C-type MCBs 32A, 3p
4 RCCBs 63/0,03A, 4p
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**

 **EVOBOX-XL**



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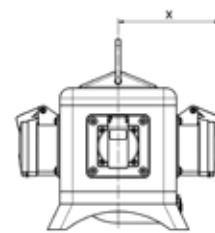
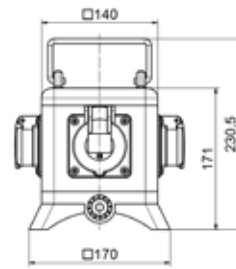
Combinations

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

Component	IP44	IP67
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:

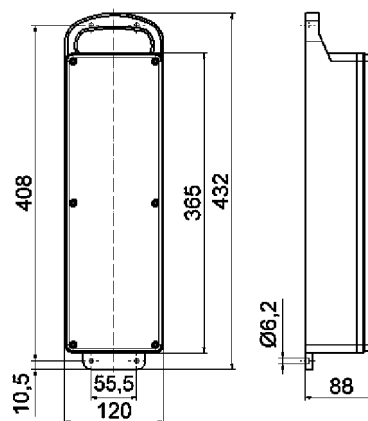
- CEE plug 16A, 400V, 5p with lead 2 m H07RN-F5G2,5



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



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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:

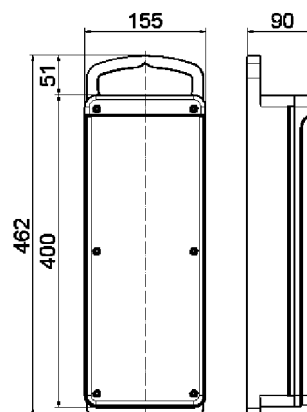
CEE plug 16A, 400V, 5p with
lead 2 m H07RN-F5G2,5



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



13 MB 54

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



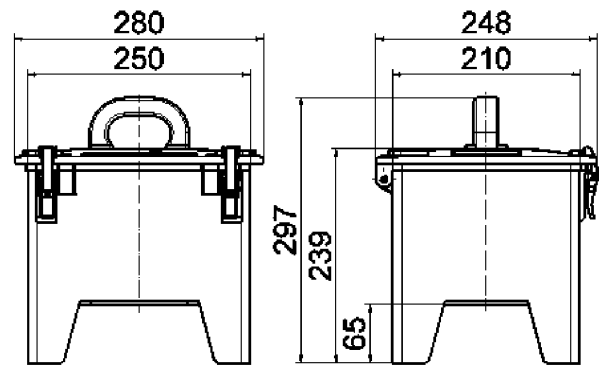
Combinations

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



13 MB 43

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



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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:

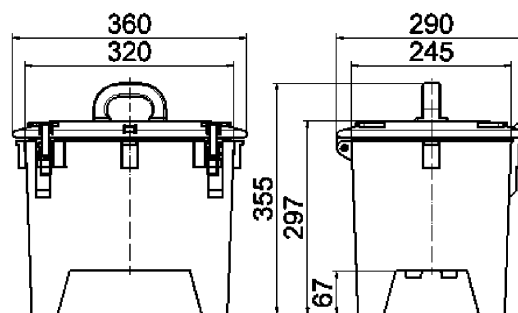
CEE plug 32A, 400V, 5p with
lead 3 m H07RN-F5G4



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:

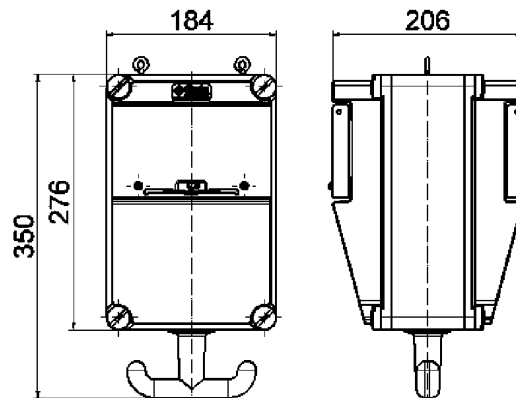
- CEE inlet 63A, 400V, 5p



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



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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 25 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 25 mm²



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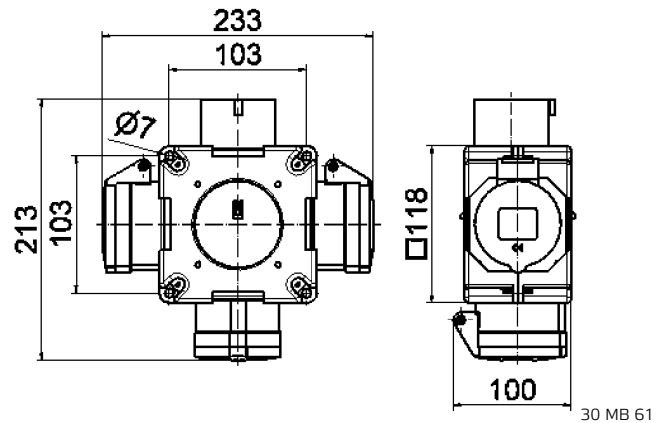
Combinations

Cross distributors

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



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



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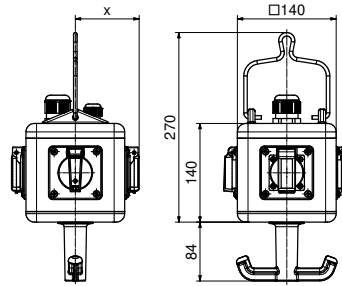
Combinations

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	Component	IP44	IP67
Operating window	90		CEE 16A 5p	127	130
Domestic socket	98,5	114	CEE 32A 3p / 4p	130	135
CEE 16A 3p	121	127	CEE 32A 5p	139	139
CEE 16A 4p	123	128			

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



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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:

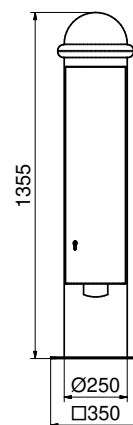
4x M20

Connection option:

for 1 cable up to 3 x 10 mm²



- 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



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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:

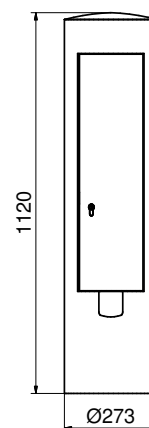
2 C-type MCBs 16A, 1p
2 C-type MCBs 16A, 3p
1 RCCB 40/0.03A, 4p

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:

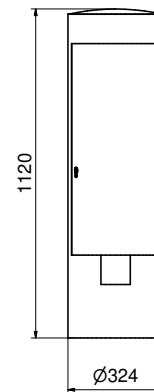
2x M40

Connection option:

for 1 cable up to 5 x 10 mm²



- 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



45 MB 73

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:

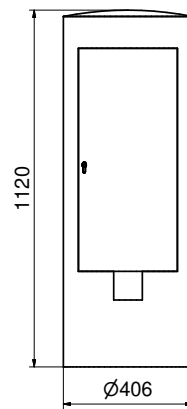
2x M40

Connection option:

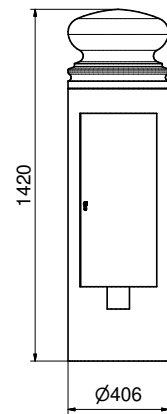
for 2 cables up to 5 x 25 mm²



- 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



45 MB 75



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:

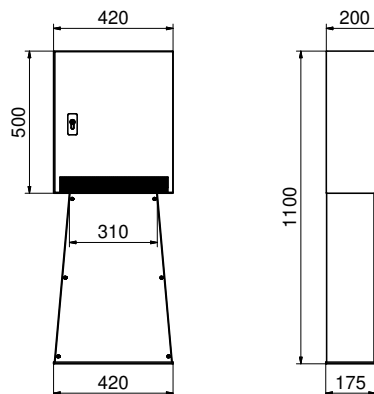
2x M40

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

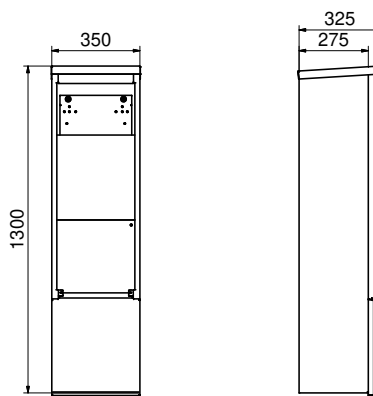


Power-Port floor-standing distributor without door

- 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



45 MB 59

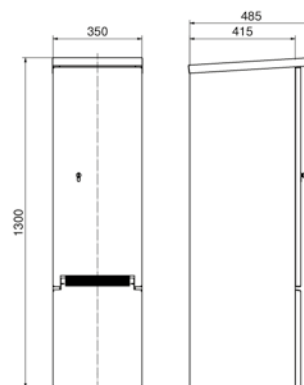


Power-Port floor-standing distributor with door

- 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

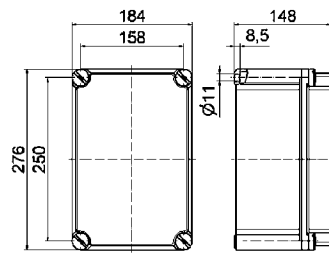


45 MB 55



Distributor Enclosure

- Made of high-grade, impact-resistant plastic
- Cover screws made of plastic
- Metric cable entry on request



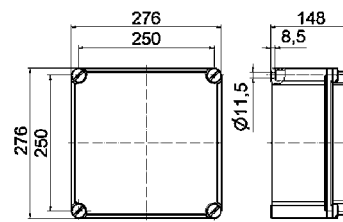
30 MB 121

Ref. no.

61133

Distributor Enclosure

- Made of high-grade, impact-resistant plastic
- Cover screws made of plastic
- Metric cable entry on request



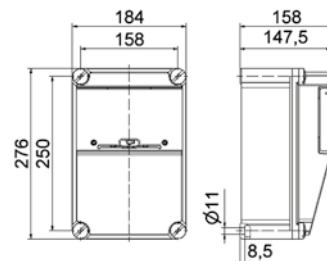
30 MB 122

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.

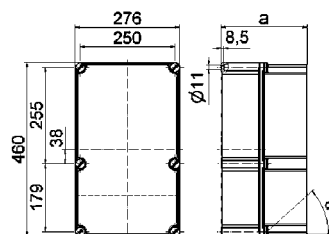
61402

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.

0° 148,0 **6171**

0° 228,0 **6170**

25° 228,0 **6173**

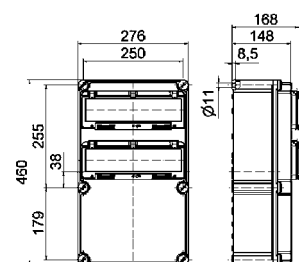
42° 228,0 **6172**

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.

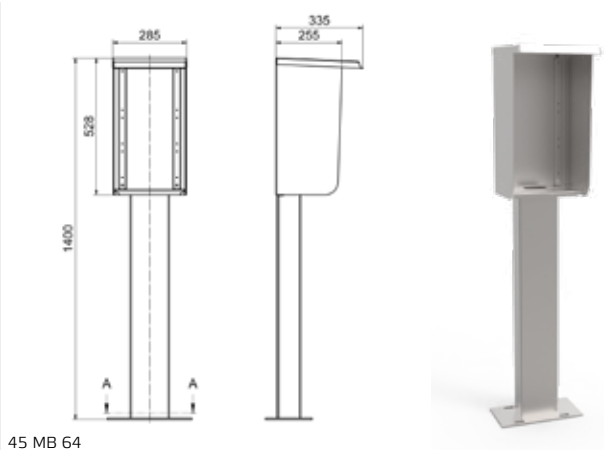
2 hinged windows **61101**

3 hinged windows **61128**

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 \varnothing 273mm

Ref. no. **581324**

- for Distribution bollards \varnothing 324mm

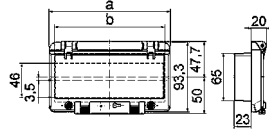
Ref. no. **581325**

- for Distribution bollards \varnothing 420mm



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



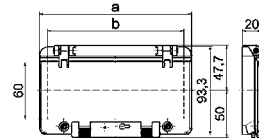
58009

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



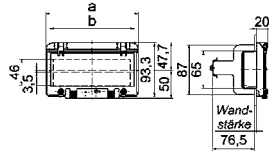
58010

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

Cable gland

- Black
- Protection degree 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		581273
Packaging unit 100 pieces		

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**



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

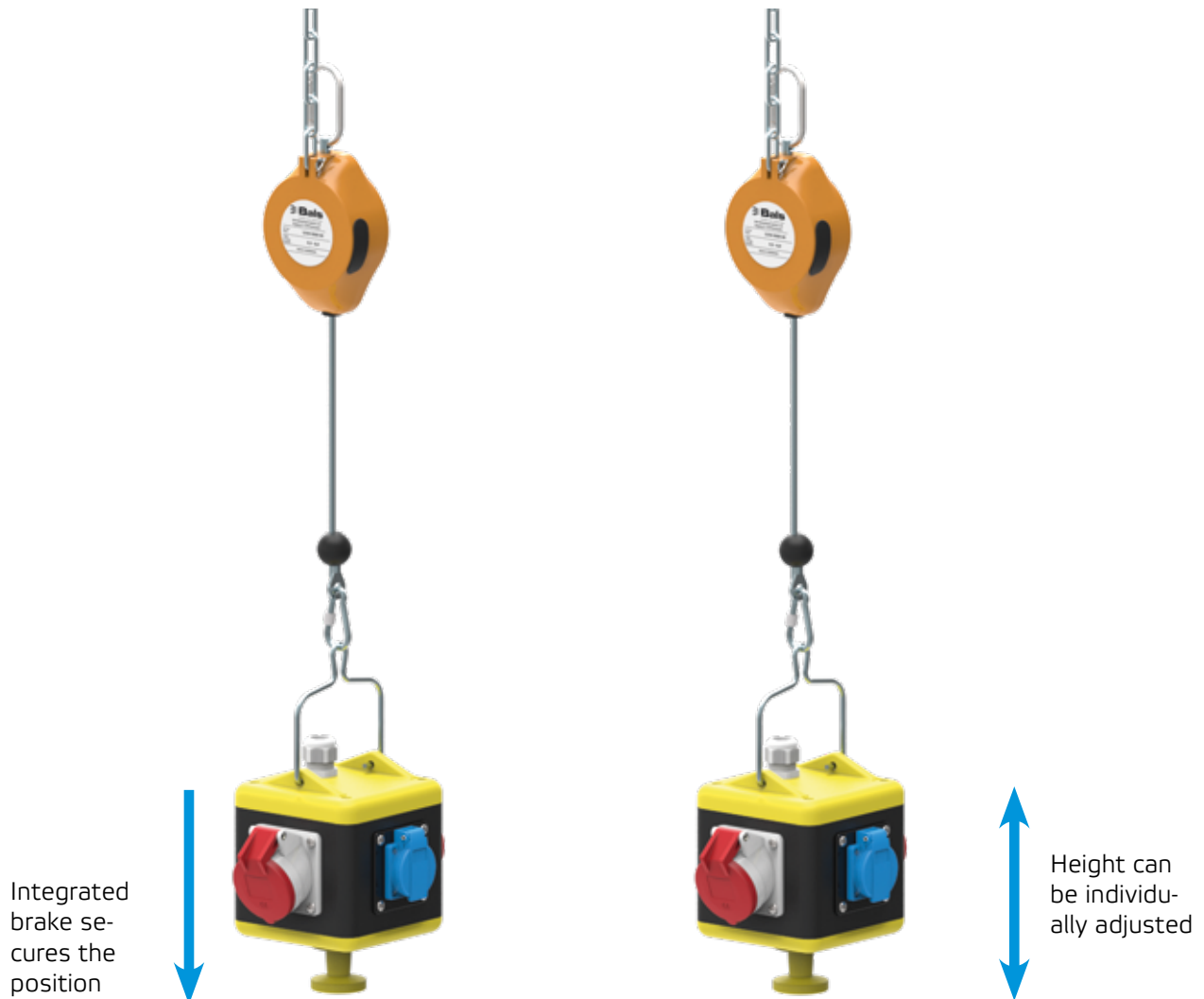
- For VARIABOX M and L
- Colour yellow, RAL 1023

Ref. no. **580641**



Positioners

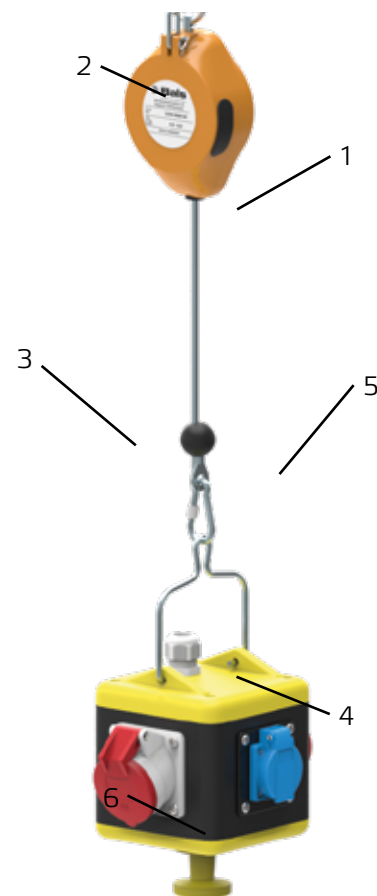
The positioner is an effective helper in the area of workplace ergonomics: it finally enables the simple, height-variable positioning of supply units. The smooth-running height adjustment facilitates an ergonomic provision of the power supply. The braking force can be simply adjusted using the adjustment 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 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:

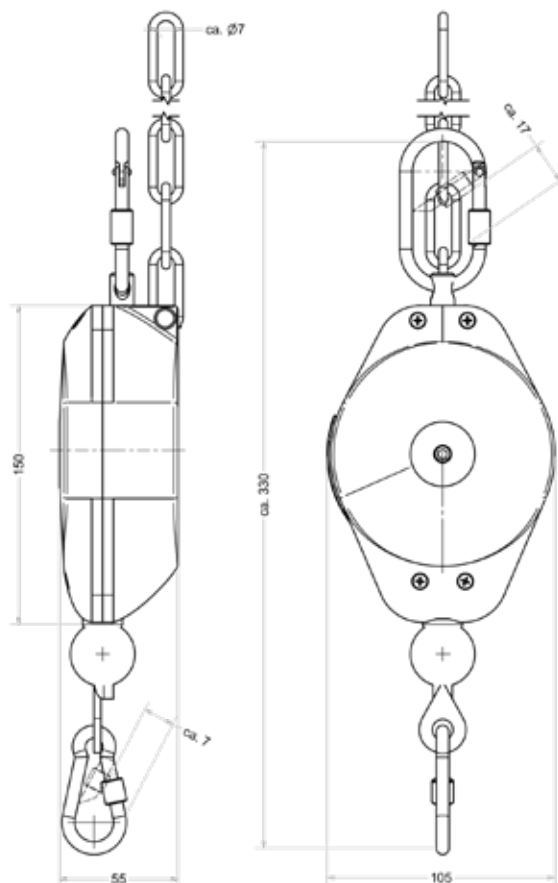
- Fall protection equipped as standard
- Riveted special spring for retracting the suspension rope
- Isolated suspension
- Very dimensionally stable construction

Technical parameters:

- Net weight: 0.8 kg
- Cable travel: 1.5 meters

Ref. No. **581433**

- **Braking force: 2.0 - 7.0 kg**







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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

Surface Mounting Socket Outlets



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Panel Mounting Socket Outlets



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Connectors



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Plugs and Sockets Extra-Low Voltage

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 DC

Surface Mounting Socket Outlets



Pages 200 - 201

Panel Mounting Socket Outlets



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Plugs / Inlets



Pages 200 - 201

Connectors



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Plugs and Sockets 5h Grounding Position

Surface Mounting Socket Outlets



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Panel Mounting Socket Outlets



Pages 202 - 203

Plugs / Inlets



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Connectors



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High-Current Plugs and Sockets Above 125A

Surface Mounting Socket
Outlets



Page 205

Plugs / Inlets



Page 205

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Special Plugs and Sockets

Plugs and sockets 7-pole

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	400V	Qty	each
		50-60 Hz	50-60 Hz		
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	400V	Qty	each
		50-60 Hz	50-60 Hz		
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	400V	Qty	each
		50-60 Hz	50-60 Hz		
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, simultaneous cable gland and seal
- Protection degree IP44



210067

Ampere	6p+E Poles	230V	400V	Qty	each
		50-60 Hz	50-60 Hz		
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	400V	Qty	each
		50-60 Hz	50-60 Hz		
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, simultaneous cable gland and seal
- Protection degree IP44



MULTI GRIP

310123

Ampere	6p+E Poles	230V 50-60 Hz	400V 50-60 Hz	Qty	each
		7pol 9h	7pol 6h		
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	400V 50-60 Hz	Qty	each
		7pol 9h	7pol 6h		
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	400V 50-60 Hz	Qty	each
		7pol 9h	7pol 6h		
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	400V 50-60 Hz	Qty	each
		7pol 9h	7pol 6h		
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	400V 50-60 Hz	Qty	each
		7pol 9h	7pol 6h		
16	7	12394	12395	10	245
32	7	12396	12397	10	335

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Special Plugs and Sockets

Plugs and sockets 7-pole

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, simultaneous cable gland and seal
- Protection degree IP67



MULTI GRIP

21669

Ampere	6p+E Poles	230V	400V	Qty	g
		50-60 Hz	50-60 Hz		
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, simultaneous cable gland and seal
- Protection degree IP67



MULTI GRIP

31515

Ampere	6p+E Poles	230V	400V	Qty	g
		50-60 Hz	50-60 Hz		
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	400V	Qty	g
		50-60 Hz	50-60 Hz		
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	400V	Qty	g
		50-60 Hz	50-60 Hz		
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	400V	Qty	g
		50-60 Hz	50-60 Hz		
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	400V	Qty	each
		50-60 Hz	50-60 Hz		
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	400V	Qty	each
		50-60 Hz	50-60 Hz		
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	400V	Qty	each
		50-60 Hz	50-60 Hz		
16	7	27117	27118	10	240
32	7	27119	27120	10	410

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Special Plugs and Sockets

Plugs and sockets 1h grounding position

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



110579

QUICK CONNECT

		>50 - 500V				
2P+N-E Ampere	3P+N-E Poles	3pol 1h	4pol 1h	5pol 1h	Qty	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

		>50 - 500V				
2P+N-E Ampere	3P+N-E Poles	3pol 1h	4pol 1h	5pol 1h	Qty	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



130278

QUICK CONNECT

		>50 - 500V				
2P+N-E Ampere	3P+N-E Poles	3pol 1h	4pol 1h	5pol 1h	Qty	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

		>50 - 500V				
2P+N-E Ampere	3P+N-E Poles	3pol 1h	4pol 1h	5pol 1h	Qty	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



120256

QUICK CONNECT

		>50 - 500V				
2P+N-E Ampere	3P+N-E Poles	3pol 1h	4pol 1h	5pol 1h	Qty	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
- 15° 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 Poles	>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, simultaneous cable gland and seal
- Protection degree IP44



21907

2P+E Ampere	3P+E Poles	3+N+E Poles	>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	

QUICK CONNECT
MULTI GRIP

Plug TE with MULTI-GRIP

- Screw terminal
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Protection degree IP44 for 63A, IP67 for 125A



21785

21966

2P+E Ampere	3P+E Poles	3+N+E Poles	>50 - 500V	3pol 1h	4pol 1h	5pol 1h	Qty	g	Each
63	5		21785				5	655	
125	5		21966				5	1235	

MULTI GRIP

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



24625

2P+E Ampere	3P+E Poles	3+N+E Poles	>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	

QUICK CONNECT

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 180° 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 Poles	>50 - 500V	3pol 1h	4pol 1h	5pol 1h	Qty	g	Each
63	5		24594				5	1020	
125	5		24241				1	1235	

Special Plugs and Sockets

Plugs and sockets 1h grounding position

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, simultaneous cable gland and seal
- Protection degree IP44



310044

QUICK CONNECT
MULTI GRIP

		>50 - 500V				
2P+N-E Ampere	3P+N-E Poles	3pol 1h	4pol 1h	5pol 1h	Qty	g
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



31627

31641

MULTI GRIP

		>50 - 500V				
2P+N-E Ampere	3P+N-E Poles	3pol 1h	4pol 1h	5pol 1h	Qty	g
63	5	31627	5	670		
125	5	31641	5	1300		

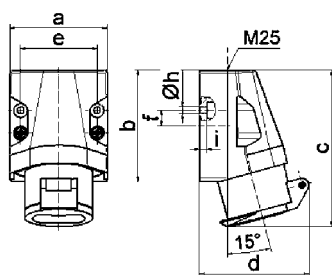
Surface Mounting Socket Outlet

- Screw terminals
- Cable entry 1x at top (open)
- Protection degree IP44



4118

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	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



16 MB 11

Ampere Poles	16 2	16 3	32 2	32 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

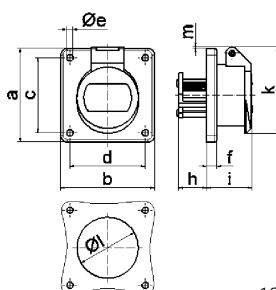
Panel Mounting Socket Outlet

- Screw terminals
- Straight
- Flange 55 x 55 mm
- Protection degree IP44



4318

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	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



16 MB 13

Ampere Poles	16 2	16 3	32 2	32 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

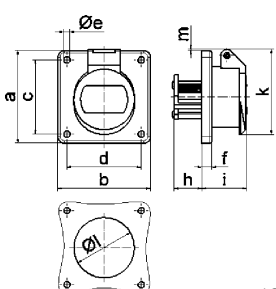
Panel Mounting Socket Outlet

- Screw terminals
- Straight
- Flange 75 x 75 mm
- Protection degree IP44



4372

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	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



16 MB 13

Ampere Poles	16 2	16 3	32 2	32 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

Special Plugs and Sockets

Plugs and sockets extra-low voltages

Technical information

- IEC 60309, VDE 0623

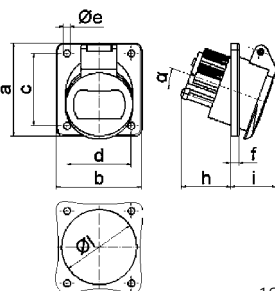
Panel Mounting Socket Outlet

- Screw terminals
- 20° angled
- Flange 68 x 62 mm
- Protection degree IP44



4218

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	Each
		12h	4h	2h	3h	10h			
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



16 MB 12

Ampere Poles	16 2	16 3	32 2	32 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	20°	20°	20°	20°
Ø l	55,0	55,0	55,0	55,0
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

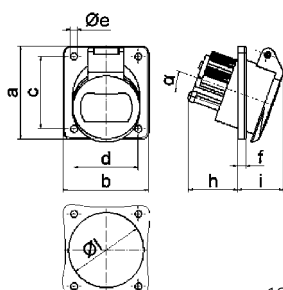
Panel Mounting Socket Outlet

- Screw terminals
- 20° angled
- Flange 100 x 92 mm
- Protection degree IP44



4240

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	Each
		12h	4h	2h	3h	10h			
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



16 MB 48

Ampere Poles	16 2	16 3	32 2	32 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	20°	20°	20°	20°
Ø l	55,0	55,0	55,0	55,0
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

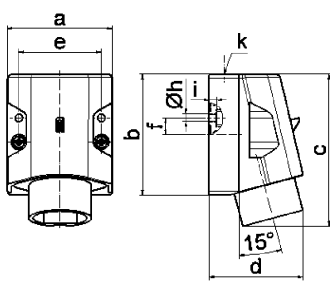
Surface Mounting Socket Outlet

- Screw terminals
- Protection degree IP44



4619

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	Each
		12h	4h	2h	3h	10h			
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



16 MB 15

Ampere Poles	16 2	16 3	32 2	32 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

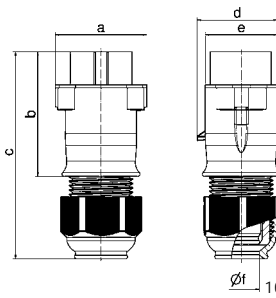
- Screw terminals
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Protection degree IP44

MULTI GRIP



4441

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	Each
		12h	4h	2h	3h	10h			
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



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

16 MB 43

Connector with MULTI-GRIP

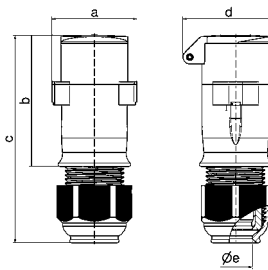
- Screw terminals
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Protection degree IP44

MULTI GRIP



4541

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	Each
		12h	4h	2h	3h	10h			
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



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

16 MB 44

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

Special Plugs and Sockets

Plugs and sockets DC

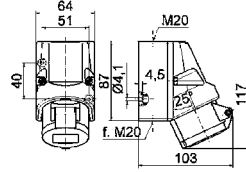
Technical information

- IEC 60309, EN 60309, VDE 0623

Surface Mounting Socket

Outlet

- Screw terminals
- Protection degree IP44



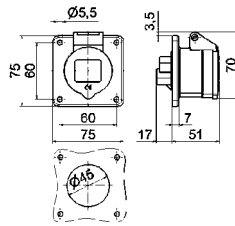
1 MB 35

Ampere	2p+E Poles	>50V up to 250V	>250V	Qty	g
		3pol 3h	3pol 8h		
16	3	11032		10	200

Panel Mounting Socket

Outlet

- Screw terminals
- Straight
- Protection degree IP44



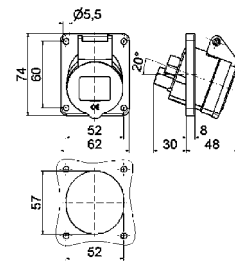
4 MB 74

Ampere	2p+E Poles	>50V up to 250V	>250V	Qty	g
		3pol 3h	3pol 8h		
16	3	13070		10	120

Panel Mounting Socket

Outlet

- Screw terminals
- Angled
- Protection degree IP44

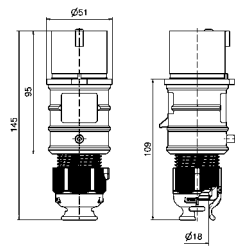


4 MB 73

Ampere	2p+E Poles	>50V up to 250V	>250V	Qty	g
		3pol 3h	3pol 8h		
16	3	12144		10	130

Plug TE-Plus with MULTI-GRIP

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



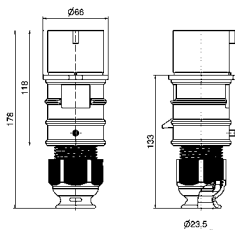
21868

2 MB 220

Ampere	2p+E Poles	>50V up to 250V	>250V	Qty	g
		3pol 3h	3pol 8h		
16	3	21868	21882	10	125

Plug TE-Plus with MULTI-GRIP

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



21869

2 MB 221

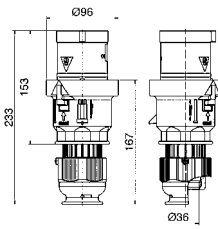
Ampere	2p+E Poles	>50V up to 250V	>250V	Qty	g
		3pol 3h	3pol 8h		
32	3	21869	21876	10	240

QUICK CONNECT
MULTI GRIP

QUICK CONNECT
MULTI GRIP

Plug TE with MULTI-GRIP

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



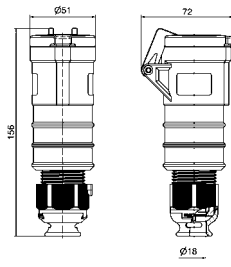
2 MB 226

MULTI GRIP

Ampere	2p+E Poles	>50V up to 250V	>250V	Qty	Each
		3pol 3h	3pol 8h		
63	3	21706		5	535

Connector TE-Plus with MULTI-GRIP

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



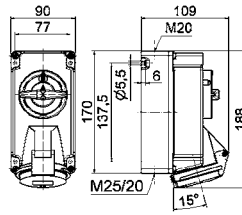
3 MB 123

**QUICK CONNECT
MULTI GRIP**

Ampere	2p+E Poles	>50V up to 250V	>250V	Qty	Each
		3pol 3h	3pol 8h		
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

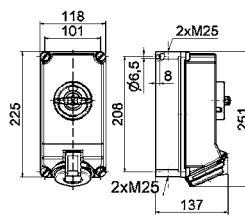


12 MB 29

Ampere	2p+E Poles	>50V up to 250V	>250V	Qty	Each
		3pol 3h	3pol 8h		
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	>250V	Qty	Each
		3pol 3h	3pol 8h		
32	3	16450		1	1215

Special Plugs and Sockets

Plugs and sockets 5h grounding position

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 180°
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Protection degree IP44



110582

QUICK CONNECT

Amperere	Poles	600-690V 50 + 60Hz		Qty	Each
		4pol 5h	5pol 5h		
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 180° 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

Amperere	Poles	600-690V 50 + 60Hz		Qty	Each
		4pol 5h	5pol 5h		
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



130283

QUICK CONNECT

Amperere	Poles	600-690V 50 + 60Hz		Qty	Each
		4pol 5h	5pol 5h		
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

Amperere	Poles	600-690V 50 + 60Hz		Qty	Each
		4pol 5h	5pol 5h		
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
- 20° angled
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Flange 85 x 85 mm
- Protection degree IP44



120277

QUICK CONNECT

Amperere	Poles	600-690V 50 + 60Hz		Qty	Each
		4pol 5h	5pol 5h		
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
- 15° 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

3P+E		3+N+E		600-690V 50 + 60Hz		Qty	
Ampere	Poles	4pol 5h	5pol 5h	Each	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, simultaneous cable gland and seal
- Protection degree IP44



210779

3P+E		3+N+E		600-690V 50 + 60Hz		Qty	
Ampere	Poles	4pol 5h	5pol 5h	Each	Each		
16	4	210628		10	145		
16	5	210778		10	180		
32	4	210962		10	260		
32	5	210779		10	310		

QUICK CONNECT
MULTI GRIP

Plug TE

- Screw terminal
- Box terminals
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Screwless enclosure connection, self locking
- Protection degree IP44 for 63A, IP67 for 125A



21461

3P+E		3+N+E		600-690V 50 + 60Hz		Qty	
Ampere	Poles	4pol 5h	5pol 5h	Each	Each		
63	4	21515		5	600		
63	5	21461		5	655		
125	4	21063		5	1125		
125	5	21059		5	1245		

MULTI GRIP

Surface Mounting Appliance Inlet QUICK-CONNECT TE

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



24630

3P+E		3+N+E		600-690V 50 + 60Hz		Qty	
Ampere	Poles	4pol 5h	5pol 5h	Each	Each		
16	5	24628		10	305		
32	4	24629		10	380		
32	5	24630		10	385		

QUICK CONNECT

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 180° for 63A
- High-temperature-resistant contact carrier
- Nickel plated contacts
- Protection degree IP44 for 63A, IP67 for 125A



24632

24543

3P+E		3+N+E		600-690V 50 + 60Hz		Qty	
Ampere	Poles	4pol 5h	5pol 5h	Each	Each		
63	4	24631		5	925		
63	5	24632		5	975		
125	4	24250		1	2145		
125	5	24543		1	2245		

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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, simultaneous cable gland and seal
- Protection degree IP44



310508

QUICK CONNECT
MULTI GRIP

Ampere	Poles	600-690V 50 + 60Hz		Qty	Each
		4pol 5h	5pol 5h		
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, simultaneous cable gland and seal
- Screwless enclosure connection, self locking
- Protection degree IP44 for 63A, IP67 for 125A



31716

Ampere	Poles	600-690V 50 + 60Hz		Qty	Each
		4pol 5h	5pol 5h		
63	4	31719	5	625	
63	5	31716	5	670	
125	4	31045	5	1215	
125	5	31266	5	1300	

31266

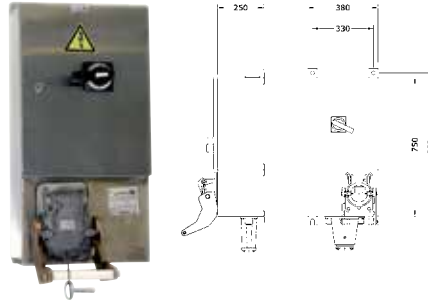
MULTI GRIP

Technical information

- Plugs and sockets above 125A and voltages up to 25kV

Surface Mounting Socket Outlet, Switched, Electrically Interlocked

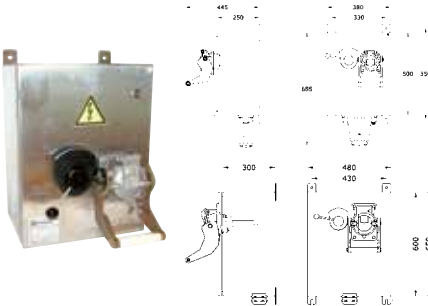
- Stainless-steel enclosure AISI 304
- With integrated main switch and socket
- Protection degree IP55



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

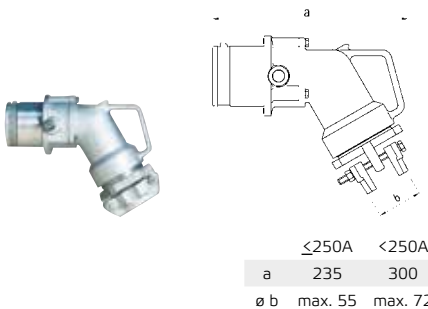
- Stainless-steel enclosure AISI 304
- With integrated main switch and socket
- Protection degree IP55



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

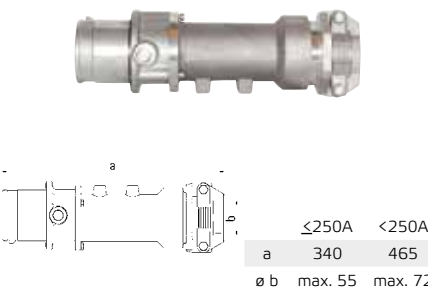
- Metallic plugs and sockets
- External strain relief
- High-temperature-resistant contact carrier
- Silver-plated laminated contacts
- 2 internal pilot contacts for signaling and control purposes
- Plugs and sockets can be protected from dirt and dust by means of an additional protective cap
- IP66 when closed



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

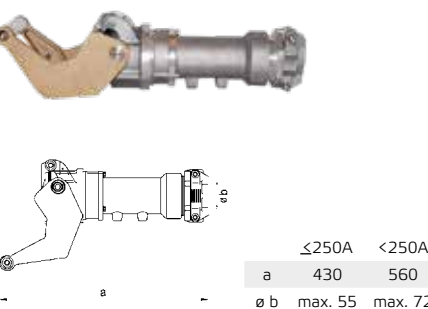
- Metallic plugs and sockets
- External strain relief
- High-temperature-resistant contact carrier
- Silver-plated laminated contacts
- 2 internal pilot contacts for signaling and control purposes
- Plugs and sockets can be protected from dirt and dust by means of an additional protective cap
- IP66 when closed



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 signaling and control purposes
- IP66 when closed



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

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Reefer Container

Surface Mounting Socket



Pages 211 - 212

Plugs / Inlets



Pages 211, 213

Panel Mounting Socket
Outlets



Page 211

Connectors



Page 212

VARIABOX



Page 213

Military Facilities

Panel Mounting Socket
Outlets



Pags 215 - 216

Plugs / Inlets



Pages 217 - 219

Connectors



Page 220

Domestic Plugs and
Sockets



Pages 221 - 222

Accessories



Pages 222 - 223

Event Technology

Panel Mounting Socket
Outlets



Page 225

Plugs



Pages 225 - 226

Inlets



Page 226

Connectors



Pages 226 -227

Domestic Plugs and
Sockets



Pages 227 - 228

Camping

Surface Mounting Socket
Outlets



Page 230

Panel Mounting Socket
Outlets



Page 230

Caravan Flushmounting
Inlets



Page 230

Plugs / Inlets / Angled
Plugs



Pages 231 - 232

Connectors



Page 232

Adapter Plugs



Page 232

Extension Leads



Page 232

1

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3

4

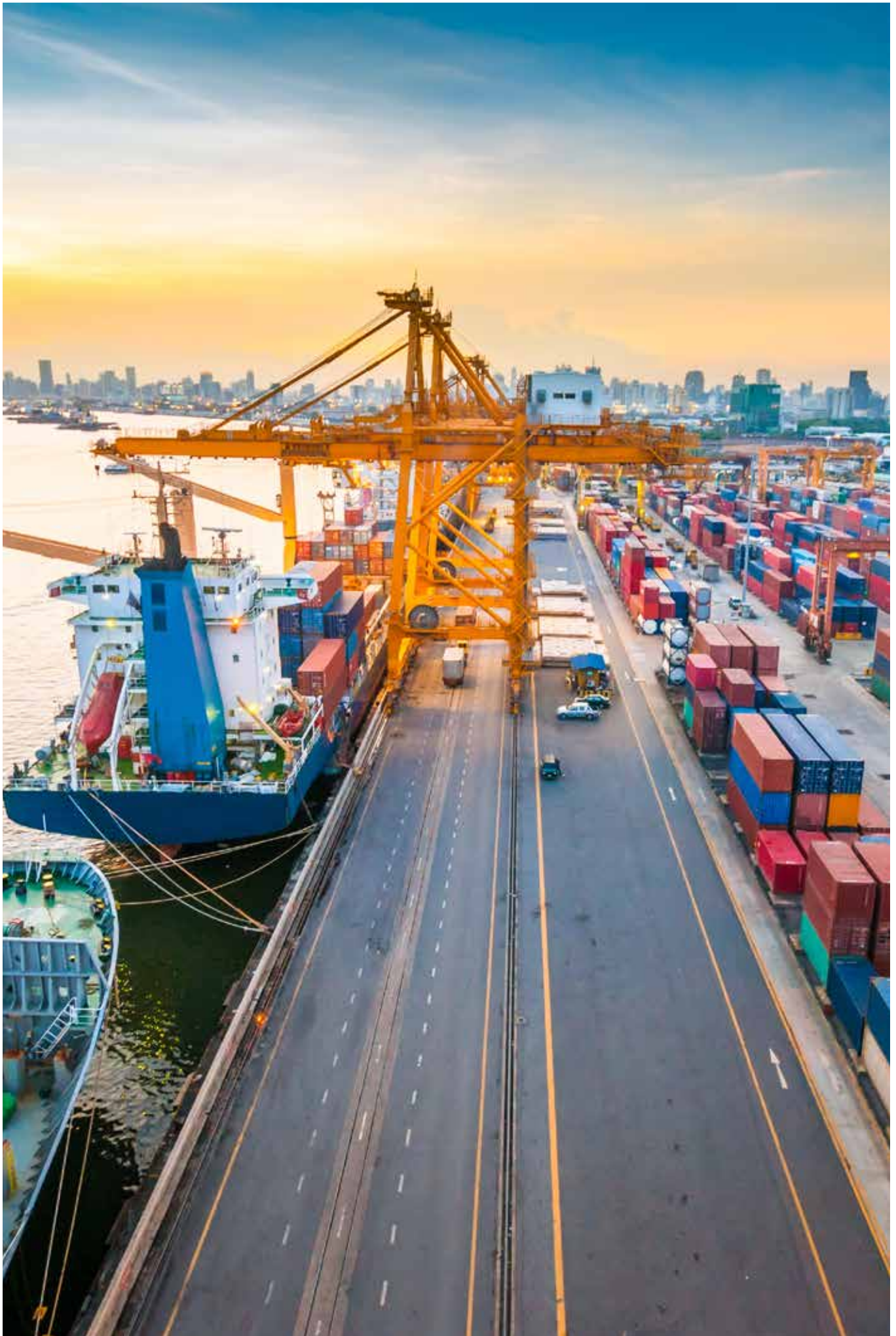
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7

Plugs and sockets for special fields of application

Reefer Container

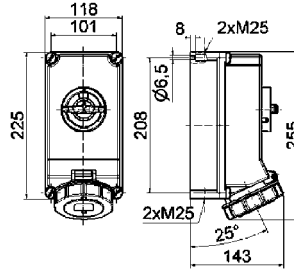


Technical information

- 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



Amperes	32	4	3P+E Poles	380V (50Hz) and 440V (60Hz)	3h	Qty	9 each	16050	
								1	1250

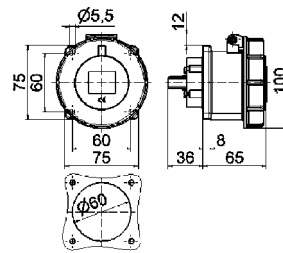
QUICK CONNECT

16050

12 MB 27

Panel Mounting Socket Outlet TE

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



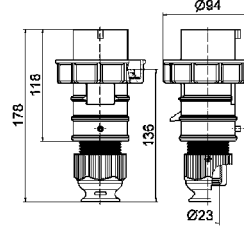
Amperes	32	4	3P+E Poles	380V (50Hz) and 440V (60Hz)	3h	Qty	9 each	130156	
								10	255

13021

4 MB 71

Plug TE-Plus with MULTI-GRIP

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



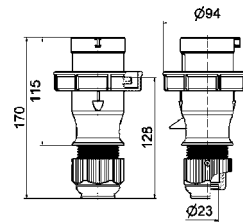
Amperes	32	4	3P+E Poles	380V (50Hz) and 440V (60Hz)	3h	Qty	9 each	2148509	
								10	300

210328

2 MB 111

Plug with MULTI-GRIP

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



Amperes	32	4	3P+E Poles	380V (50Hz) and 440V (60Hz)	3h	Qty	9 each	210824	
								10	250
Screw terminal									
Amperes	32	4	3P+E Poles	380V (50Hz) and 440V (60Hz)	3h	Qty	9 each	21232-TLQ	
								10	250

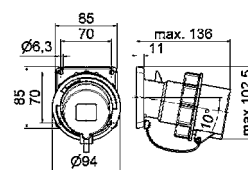
MULTI GRIP

210824

2 MB 128

Appliance Inlet with Flange TE

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



Amperes	32	4	3P+E Poles	380V (50Hz) and 440V (60Hz)	3h	Qty	9 each	27027	
								10	345

27027

5 MB 23

Plugs and sockets for special fields of application

Reefer Container

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

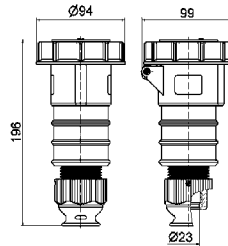
	Order no.
16A / 3p	830
16A / 4p	835
16A / 5, 7p	831
32A / 3p, 4p	837
32A / 5p, 7p	832
63A / 3p, 4p, 5p	833
125A / 3p, 4p, 5p	834

Connector TE-Plus with MULTI-GRIP

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



310426



3 MB 72

Amperes	3P+E Poles	3h	Qty	9 each
32	4	310426	10	390

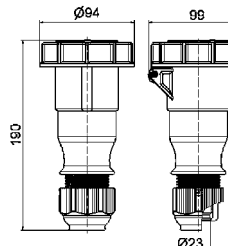
QUICK CONNECT
MULTI GRIP

Connector with MULTI-GRIP

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



310567



3 MB 80

Amperes	3P+E Poles	3h	Qty	9 each
32	4	310567	10	334

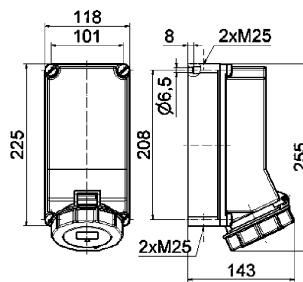
MULTI GRIP

Surface Mounting Socket Outlet QUICK-CONNECT TE

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



11556



1 MB 30

Amperes	3P+E Poles	3h	Qty	9 each
32	4	11556	1	805

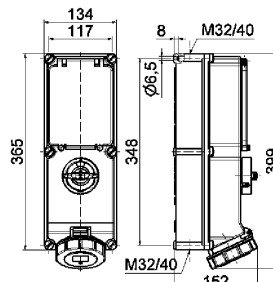
QUICK CONNECT

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



17026



12 MB 26

Amperes	3P+E Poles	3h	Qty	9 each
32	4	17026	1	1910

QUICK CONNECT

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
		2298			

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**

VARIABOX-M

260 x 230 mm

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



Ref. no. **896462**

VARIABOX-L

390 x 230 mm

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



Ref. no. **896437**

VARIABOX-XL

520 x 230 mm

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



Ref. no. **896463**

VARIABOX-L DUO

390 x 460 mm

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





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)

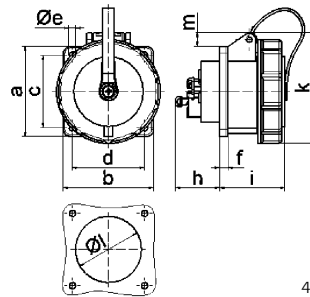
QUICK CONNECT



13066



Poles	Ampere	Order no.	230V	400V	400V	301-500Hz	g
			50-60 Hz	50-60 Hz	60 Hz	>50V	
			3pol 4pol 5pol	3pol 4pol 5pol	4pol 5pol	3pol 4pol 5pol	each
			6h 9h 9h	9h 6h 6h	11h 11h	2h 2h 2h	
16	3	Order no. 13064 Supply no. 5935-12-... VG-type-Nr. VG 96919...	320-7272 AS 013			13098 AS 039	150
16	4	Order no. 13928 Supply no. 5935-12-... VG-type-Nr. VG 96919...	AS 020	13633 AS 018	13929 AS 021	13930 AS 022	170
16	5	Order no. 13189* Supply no. 5935-12-... VG-type-Nr. VG 96919...	AS 002	13065* 300-5324 AS 001	13182* AS 003	13183* AS 004	195
32	3	Order no. 13032 Supply no. 5935-12-... VG-type-Nr. VG 96919...	AS 042			13932 AS 044	245
32	4	Order no. 13933 Supply no. 5935-12-... VG-type-Nr. VG 96919...	AS 025	13634 AS 023	13166 AS 026	13935 AS 027	265
32	5	Order no. 13297* Supply no. 5935-12-... VG-type-Nr. VG 96919...	AS 006	13066* 300-5323 AS 005	13184* AS 007	13175* 321-5242 AS 008	315



4 MB 125

Ampere Poles	16 3	16 4	16 5	32 3	32 4	32 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

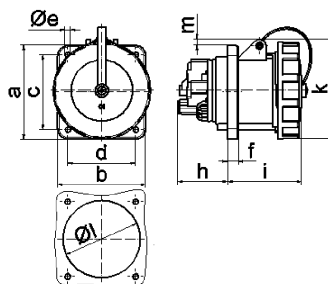
(Form AS)



13067



Poles	Ampere	Order no.	230V	400V	400V	301-500Hz	g
			50-60 Hz	50-60 Hz	60 Hz	>50V	
			3pol 4pol 5pol	3pol 4pol 5pol	4pol 5pol	3pol 4pol 5pol	each
			6h 9h 9h	9h 6h 6h	11h 11h	2h 2h 2h	
63	3	Order no. 13186 Supply no. 5935-12-... VG-type-Nr. VG 96919...	AS 047			13927 AS 049	500
63	4	Order no. 13924 Supply no. 5935-12-... VG-type-Nr. VG 96919...	AS 030	13839 AS 028	13925 AS 031	13926 AS 032	580
63	5	Order no. 13298* Supply no. 5935-12-... VG-type-Nr. VG 96919...	AS 010	13067* 300-3603 AS 009	13187* AS 011	13188* 321-5243 AS 012	620
125	3	Order no. 13840 Supply no. 5935-12-... VG-type-Nr. VG 96919...	AS 052			13923 AS 054	930
125	4	Order no. 13919 Supply no. 5935-12-... VG-type-Nr. VG 96919...	AS 035	13841 AS 033	13920 AS 036	13921 AS 037	1090
125	5	Order no. 13915 Supply no. 5935-12-... VG-type-Nr. VG 96919...	AS 015	13647 AS 014	13916 AS 016	13918 AS 017	1210



4 MB 134

Ampere Poles	63 3	63 4	63 5	125 3	125 4	125 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

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

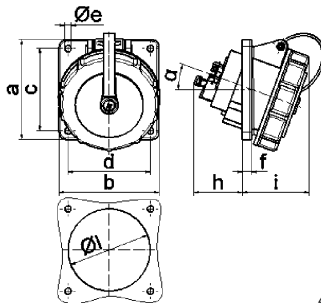
(Form BS)



12087



Ampere	Poles	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	230V 50-60 Hz	400V 50-60 Hz	400V 60 Hz	301-500Hz >50V	g
			3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	4pol 5pol 11h 11h	3pol 4pol 5pol 2h 2h 2h	
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



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
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

4 MB 124

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

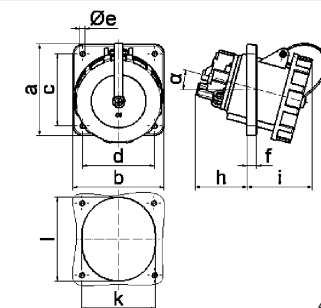
(Form BS)



12088



Ampere	Poles	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	230V 50-60 Hz	400V 50-60 Hz	400V 60 Hz	301-500Hz >50V	g
			3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	4pol 5pol 11h 11h	3pol 4pol 5pol 2h 2h 2h	
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



Ampere Poles	63 3	63 4	63 5	125 3	125 4	125 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

4 MB 123

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, simultaneous cable gland and seal
- Protection degree IP67

(Form CP)

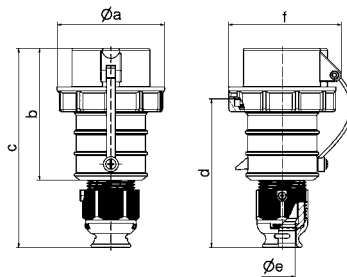
QUICK CONNECT
MULTI GRIP



Order no.	Supply no. 5935-12-...	VG-type-Nr. VG 96919...	230V 50-60 Hz			400V 50-60 Hz			400V 60 Hz		301-500Hz >50V			g
			3pol	4pol	5pol	3pol	4pol	5pol	4pol	5pol	3pol	4pol	5pol	
16 3			6h	9h	9h	9h	6h	6h	11h	11h	2h	2h	2h	each
16 4			CP 017	CP 020	CP 018	CP 021	CP 022							180
16 5			CP 002	CP 002	CP 001	CP 003	CP 004							265
32 3			CP 042	CP 042			CP 044							340
32 4			CP 025	CP 025	CP 023	CP 026	CP 027							380
32 5			CP 006	CP 006	CP 005	CP 007	CP 008							420



21208



2 MB 95

Ampere Poles	16 3	16 4	16 5	32 3	32 4	32 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, simultaneous cable gland and seal
- With protective cap
- Screwless enclosure connection, self locking
- Protection degree IP67

(Form CP)

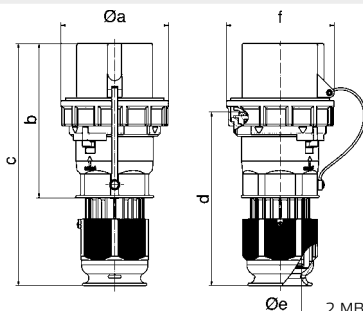
MULTI GRIP



Order no.	Supply no. 5935-12-...	VG-type-Nr. VG 96919...	230V 50-60 Hz			400V 50-60 Hz			400V 60 Hz		301-500Hz >50V			g
			3pol	4pol	5pol	3pol	4pol	5pol	4pol	5pol	3pol	4pol	5pol	
63 3			6h	9h	9h	9h	6h	6h	11h	11h	2h	2h	2h	each
63 4			CP 047	CP 000	CP 028	CP 031	CP 032							695
63 5			CP 010	CP 010	CP 009	CP 011	CP 012							815
125 3			CP 052	CP 052			CP 054							1115
125 4			CP 035	CP 035	CP 033	CP 036	CP 037							1220
125 5			CP 014	CP 014	CP 013	CP 015	CP 016							1330



21210



2 MB 107

Ampere Poles	63 3	63 4	63 5	125 3	125 4	125 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

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

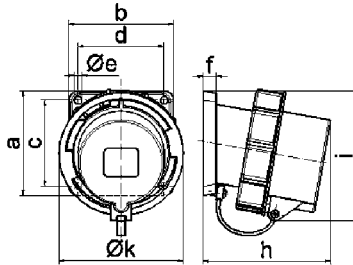
(Form BP)



Ampere	Poles	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	230V 50-60 Hz			400V 50-60 Hz			400V 60 Hz			301-500Hz >50V			g
			3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	4pol 11h	5pol 11h	3pol 2h	4pol 2h	5pol 2h	each	
16	3	Order no. 27046* Supply no. 5935-12-... VG-type-Nr. VG 96919...	319-7028 BP 013									27286 BP 039	205		
16	4	Order no. 27287 Supply no. 5935-12-... VG-type-Nr. VG 96919...	BP 020	27204 BP 018	27288 BP 021	27289 BP 022							230		
16	5	Order no. 27104* Supply no. 5935-12-... VG-type-Nr. VG 96919...	BP 002	2702* 300-3598 BP 001	27105* BP 003	27106* BP 004							260		
32	3	Order no. 2745 Supply no. 5935-12-... VG-type-Nr. VG 96919...	BP 042			27291 BP 044							305		
32	4	Order no. 27292 Supply no. 5935-12-... VG-type-Nr. VG 96919...	BP 025	27201 BP 023	27293 BP 026	27294 BP 027							330		
32	5	Order no. 27107* Supply no. 5935-12-... VG-type-Nr. VG 96919...	BP 006	2703* 188-9997 BP 005	27108* BP 007	27043* 312-4197 BP 008							365		



2703



5 MB 31

	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

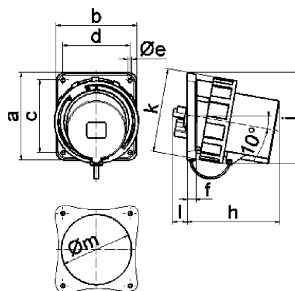
(Form BP)



Ampere	Poles	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	230V 50-60 Hz			400V 50-60 Hz			400V 60 Hz			301-500Hz >50V			g
			3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	4pol 11h	5pol 11h	3pol 2h	4pol 2h	5pol 2h	each	
63	3	Order no. 27267 Supply no. 5935-12-... VG-type-Nr. VG 96919...	BP 047									27295 BP 049	630		
63	4	Order no. 27296 Supply no. 5935-12-... VG-type-Nr. VG 96919...	BP 030	27268 BP 028	27297 BP 031	27298 BP 032							695		
63	5	Order no. 27109* Supply no. 5935-12-... VG-type-Nr. VG 96919...	BP 010	2704* BP 009	27110* BP 011	27045* BP 012							750		
125	3	Order no. 27269 Supply no. 5935-12-... VG-type-Nr. VG 96919...	BP 052			27299 BP 054							1010		
125	4	Order no. 27300 Supply no. 5935-12-... VG-type-Nr. VG 96919...	BP 035	27270 BP 033	27301 BP 036	27302 BP 037							1125		
125	5	Order no. 27303 Supply no. 5935-12-... VG-type-Nr. VG 96919...	BP 015	27102 300-5323 BP 014	27304 BP 016	27305 321-5242 BP 017							1220		



2704



5 MB 100

	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)



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

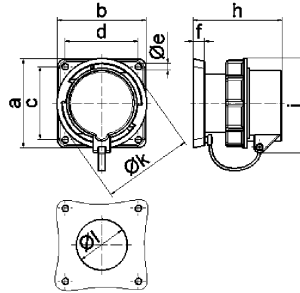
301-500Hz
>50V
3pol 4pol 5pol
2h 2h 2h

g
each

16	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	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



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	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

5 MB 73

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)



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

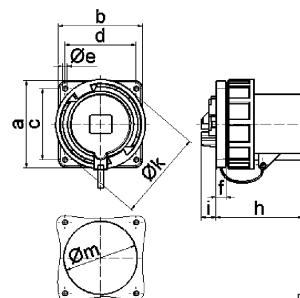
301-500Hz
>50V
3pol 4pol 5pol
2h 2h 2h

g
each

63	3	Order no. Supply no. 5935-12-... VG-type-Nr. VG 96919...	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



Ampere Poles	63 3	63 4	63 5	125 3	125 4	125 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

5 MB 101

Connector TE-Plus with MULTI-GRIP

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

(Form DS)

QUICK CONNECT
MULTI GRIP

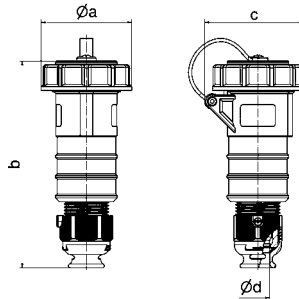


230V 50-60 Hz	400V 50-60 Hz	400V 60 Hz	301-500Hz >50V	g
3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	4pol 5pol 11h 11h	3pol 4pol 5pol 2h 2h 2h	each

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



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	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

3 MB 70

Connector with MULTI-GRIP

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

(Form DS)

MULTI GRIP

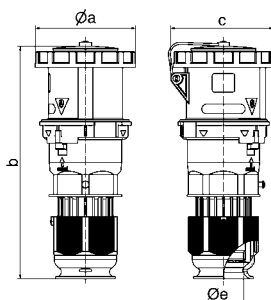


230V 50-60 Hz	400V 50-60 Hz	400V 60 Hz	301-500Hz >50V	g
3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	4pol 5pol 11h 11h	3pol 4pol 5pol 2h 2h 2h	each

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



Ampere	63	63	63	125	125	125
Poles	3	4	5	3	4	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

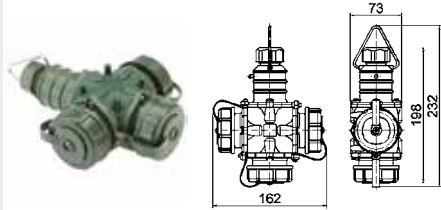
3 MB 125

Technical information

- Colour: bronze-green RAL 6031-F9
 - VDE 0623, VG 96919

Domestic Three-way Connector

- Screw terminals
- Nickel plated contacts
- 16A/230 V~
- With closure cap, hanging bracket, cable gland
- Protection degree IP68



7400

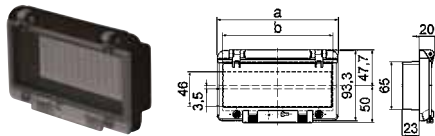
18 MB 27

Ref. no. Supply no. VG-type-Nr.
 5935-12-...

german system	7400
belg./ french system	7423

Hinged Window

- Self-closing
- With touch protection
- With option for lock set



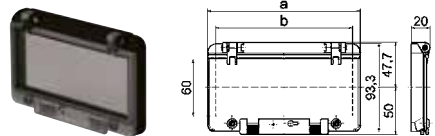
58110

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



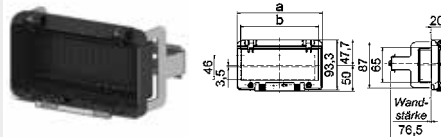
58502

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.
 8320* H-16

Closure Cap

- für domestic connector
- Form G



8319

Ref. no. VG-type-Nr.
 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	230V 50-60 Hz	400V 50-60 Hz	Quantity	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	230V 50-60 Hz	400V 50-60 Hz	Quantity	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	230V 50-60 Hz	400V 50-60 Hz	Quantity	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	230V 50-60 Hz	400V 50-60 Hz	Quantity	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

Plug INNOLINQ

- Screwless terminals
- Screwless enclosure connection, self locking
- Special gland, simultaneous cable gland and seal
- Protection degree IP54
- Contact carrier is made of high temperature resistant material
- Contains no lead



QUICK CONNECT
KONTEX ULTRA
MULTI GRIP

2P+E Ampere	3P+E Poles	230V 50-60 Hz	400V 50-60 Hz	Quantity	Each
16	3	211174		10	
16	4		211175	10	
16	5		211176	10	
32	3	211171		10	
32	4		211172	10	
32	5		211173	10	

1

2

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7

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, simultaneous cable gland and seal
- Protection degree IP44



MULTI GRIP

210792

2P+E Ampere	3P+E Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	g
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
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, simultaneous cable gland and seal
- Protection degree IP67



MULTI GRIP

210711

2P+E Ampere	3P+E Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	g
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
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	230V 50-60 Hz			400V 50-60 Hz			Quantity	g
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
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 INNOLINQ

- Screwless terminals
- Screwless enclosure connection, self locking
- Special gland, simultaneous cable gland and seal
- Protection degree IP54
- Contact carrier is made of high temperature resistant material
- Contains no lead



QUICK CONNECT

KONTEX ULTRA

MULTI GRIP

310829

2P+E Ampere	3P+E Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	g
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
16	3	310827						10	120
16	4				310828			10	160
16	5				310829			10	165
32	3	310824						10	240
32	4				310825			10	260
32	5				310826			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, simultaneous cable gland and seal
- Protection degree IP44



MULTI GRIP

310518

2P+E Ampere	3P+E Poles	230V 50-60 Hz			400V 50-60 Hz			Quantity	g
		3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h		
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, simultaneous cable gland and seal
- Protection degree IP67



MULTI GRIP

310466

		230V 50-60 Hz			400V 50-60 Hz			Quantity			
		3p+E Ampere	3p+E Poles	3p+E Poles	3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	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

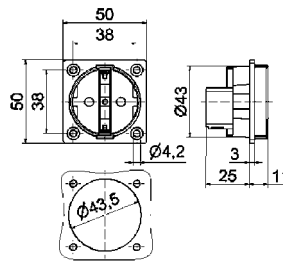
	Ref. no.
for 16A / 3p, 4p TE + TE Plus	
16A / 3p, 4p, 5p QC + TLS	29951
for 16A / 5p TE + TE Plus	29151
for 32A / 5p TE + TE Plus	29152
for 63A / 3p, 4p, 5p TE + TE Plus	29153
for 125A / 3p, 4p, 5p TE	29154

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

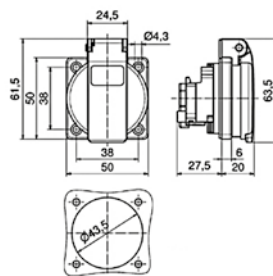
Color	Ref. no.	Qty
black	714	20

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

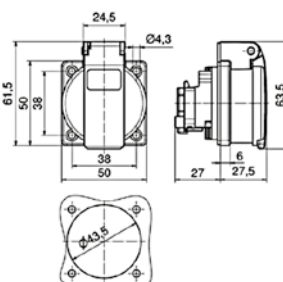
Color	Ref. no.	Qty
QUICK CONNECT black	71101	20
Screw term. black	71097	20

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



71104

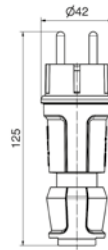


18 MB 104

Color	Ref. no.	Qty
QUICK CONNECT black	71104	20

Domestic Plug

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



Color	Ref. no.	Qty
black	7372	20

MULTI GRIP

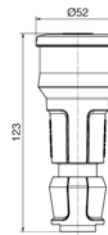
7372

18 MB 119

Domestic Connector

- With Multi-Grip cable gland
- Spacious connection area
- Protection degree IP54

In the case of Domestic Connectors with increased contact protect add **09** to the end of the order number.



Color	Ref. no.	Qty
black	7488	20

MULTI GRIP

7488

18 MB 120



1

2

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6

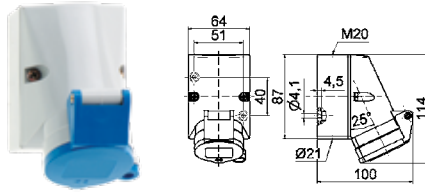
7

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.



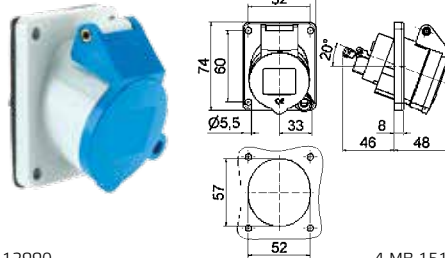
Qty

119

10

Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- 16A 230V 3p
- 20° angled
- Lockable by a padlock shackle diameter 5 mm
- Flange 74 x 62 mm
- Drill hole 60 x 52 mm
- Protection degree IP44



12990

4 MB 151

Ref. no.



Qty

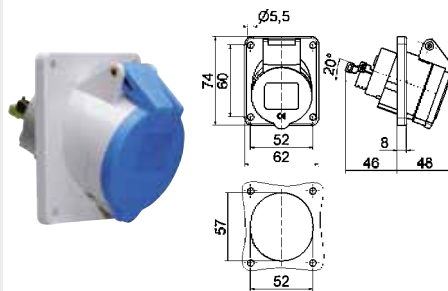
12990

10

QUICK CONNECT

Panel Mounting Socket Outlet QUICK-CONNECT

- Screwless terminals
- Kontex contact
- 16A 230V 3p
- 20° angled
- Flange 74 x 62 mm
- Drill hole 60 x 52 mm
- Protection degree IP44



12772

4 MB 246

Ref. no.



Qty

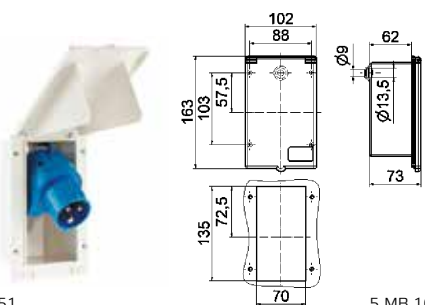
12772

10

QUICK CONNECT

Caravan Flush Mounting Inlets

- Screw terminals
- 16A 230V 3p
- Swing-out design
- Protection degree IP44



251

5 MB 16

Ref. no.



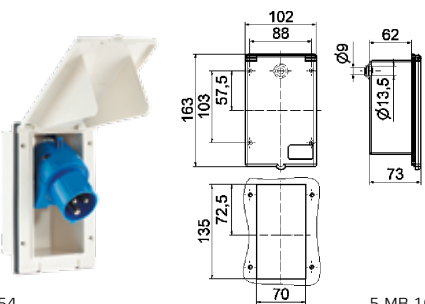
Qty

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

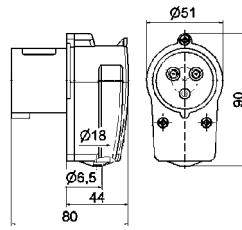
10

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.



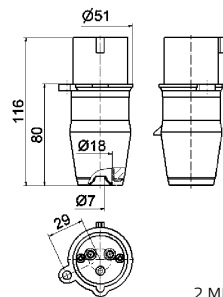
Qty

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 INNOLINQ

- Screwless terminals
- Screwless enclosure connection, self locking
- Special gland, simultaneous cable gland and seal
- Protection degree IP54
- 16A 230V 3p
- Contains no lead



Dimension drawing: see page 86/1

Ref. no.



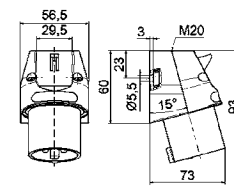
Qty

211

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.



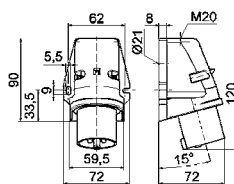
Qty

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



24423

5 MB 163

Ref. no.



Qty

24423

10

1

2

3

4

5

6

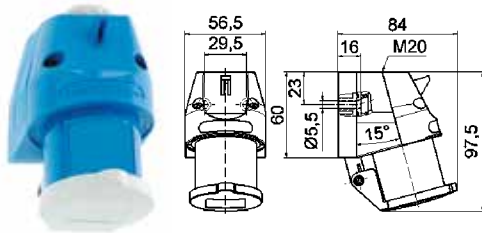
7

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.



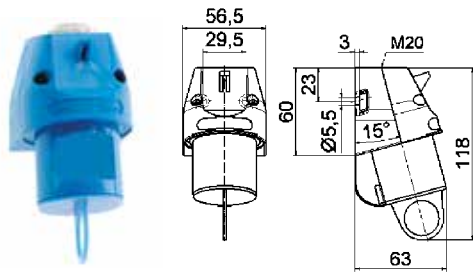
Qty

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 INNOLINQ

- Screwless terminals
- Screwless enclosure connection, self locking
- Special gland, simultaneous cable gland and seal
- Protection degree IP54
- 16A 230V 3p
- Contains no lead



Dimension drawing: see page 107/1

Ref. no.



Qty

311

10

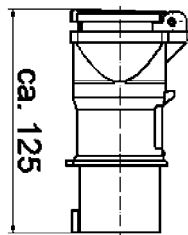
- QUICK CONNECT
- KONTEX ULTRA
- MULTI GRIP

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

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

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107	41/2	318	107/1	817	232/5	1201	68/2
108	41/2	319	107/1	830	110/3	1202	68/2
109	41/4	410	197/1	831	110/3	1203	73/1
109-QC	41/1	411	197/1	832	110/3	1204	68/2
119	230/1	412	197/1	833	110/3	1205	73/1
129	73/1	413	197/1	834	110/3	1206	73/1
134	65/3	414	197/1	835	110/3	1207	68/2
136	65/3	415	197/1	837	110/3	1208	68/2
156	46/1	416	197/1	860	106/5	1299	73/3
158	46/1	417	197/1	1010	41/3	1301	65/3
159	46/1	418	197/1	1010-QC	41/1	1304	65/3
174	56/1	419	197/1	1011	41/4	1305	65/3
175	56/1	420	198/1	1012	41/2	1306	65/3
176	56/1	421	198/1	1013	41/3	1307	65/3
177	56/1	422	198/1	1015	41/5	1308	65/3
178	56/1	423	198/1	1017	41/5	1309	65/3
179	56/1	424	198/1	1018	41/5	1395	70/1
182	80/3	425	198/1	1019	41/5	1396	70/1
187	80/2	426	198/1	1020	41/4	1397	70/1
188	80/2	427	198/1	1104	37/2	1398	70/1
189	80/2	428	198/1	1106	37/2	1399	70/1
200	86/1	429	198/1	1107	37/2	1410	79/1
201	86/1	430	197/2	1108	37/2	1411	79/1
210	86/1	431	197/2	1112	39/2	1412	79/1
211	86/1 + 231/3	432	197/2	1124	37/2	1500	46/1
212	86/1	433	197/2	1125	37/2	1501	46/2
213	86/1	434	197/2	1126	37/2	1502	46/2
214	86/1	435	197/2	1127	37/2	1503	46/2
215	86/1	436	197/2	1128	37/2	1504	46/1
216	86/1	437	197/2	1129	37/2	1505	46/1
217	86/1	438	197/2	1130	37/2	1506	46/1
218	86/1	439	197/2	1132	38/2	1507	46/2
219	231/2	460	198/3	1133	38/2	1508	46/2
224	104/1	461	198/3	1134	38/2	1509	46/2
225	104/1	462	198/3	1135	38/2	1529	46/1
227	104/1	463	198/3	1136	38/2	1530	46/1
231	88/3 + 231/1	464	198/3	1137	38/2	1531	46/2
236	88/3	465	198/3	1138	38/2	1532	46/2
240	89/1 + 231/4	466	198/3	1139	38/2	1533	46/1
242	91/1 + 232/1	467	198/3	1140	38/2	1534	46/1
245	89/3	468	198/3	1141	38/2	1535	46/2
249	89/3	469	198/3	1142	38/2	1536	46/2
251	230/4	526	168/1	1143	38/2	1537	47/1
254	230/5	530	164/1	1144	38/2	1565	48/1
255	230/5	546	173/1	1145	38/2	1580	52/1
258	230/5	591	143/1	1146	38/2	1582	47/1
260	97/1	592	143/1	1147	38/2	1583	47/1
261	97/1	714	227/3	1148	38/2	1584	47/1
262	97/1	724	120/2	1149	38/2	1585	47/1
263	97/1	726	120/2	1150	38/2	1586	47/1
264	97/1	735	221/3	1151	38/2	1587	47/1
265	97/1	736	120/5	1152	38/2	1588	47/1
266	97/1	737	120/5	1153	38/2	1589	47/1
267	97/1	745	221/5	1154	38/2	1594	47/1
268	97/1	746	122/1	1155	38/2	1595	47/1
300	107/1	747	122/1	1156	39/2	1596	47/1
301	107/1	749	122/2	1157	39/2	1597	47/1
310	107/1	753	221/4	1158	39/2	1598	50/1
311	107/1	754	121/1	1159	39/2	1599	50/1
312	107/1	755	121/1	1160	39/2	1610	53/1
313	107/1	812	232/5	1161	39/2	1611	53/1
314	107/1	813	232/5	1162	39/2	1616	53/1
315	107/1	814	232/5	1163	39/2	1619	53/1
316	107/1	815	232/5	1164	39/2	1641	53/1
317	107/1	816	232/5	1200	73/1	1642	53/1



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1674	44/5	2152	86/3	2324	205/3	2634	97/2
1675	44/5	2153	86/3	2400	91/2 + 232/2	2635	97/2
1676	44/5	2154	86/3	2402	93/1	2636	97/2
1734	56/1	2155	86/3	2415	89/3	2637	98/2
1735	56/1	2180	87/3	2448	89/1	2638	98/2
1736	56/1	2181	87/3	2461	91/3	2639	98/2
1770	57/1	2182	87/3	2465	91/3	2640	98/2
1771	57/1	2183	87/3	2469	92/1	2641	98/2
1773	57/1	2184	87/3	2470	92/1	2642	98/2
1775	56/1	2185	87/3	2471	92/1	2643	98/2
1776	56/1	2186	87/3	2472	93/1	2644	98/2
1777	56/1	2187	87/3	2473	93/1	2645	98/2
1778	56/1	2188	87/3	2474	93/1	2646	98/2
1779	57/1	2189	87/3	2475	93/1	2647	98/2
1780	57/1	2190	88/1	2476	93/1	2648	98/2
1781	57/1	2191	88/1	2477	93/1	2649	97/1
1782	57/1	2192	88/1	2478	93/1	2650	98/1
1783	56/1	2193	88/1	2479	93/1	2652	104/5
1784	56/1	2194	88/1	2480	93/1	2655	97/2
1785	56/1	2195	88/1	2481	93/1	2656	97/2
1786	56/1	2196	88/1	2482	93/1	2657	97/2
1787	57/1	2197	88/1	2483	93/1	2658	97/2
1788	57/1	2198	88/1	2484	93/2	2659	98/2
1789	57/1	2199	88/1	2485	93/2	2660	98/2
1790	57/1	2213	106/1	2486	93/2	2661	98/2
1791	57/1	2214	106/1	2487	93/2	2662	97/1
1792	57/1	2215	106/1	2488	93/2	2663	97/1
1793	56/1	2216	106/1	2489	93/2	2664	97/1
1794	56/1	2217	106/1	2490	93/2	2665	98/1
1795	57/1	2218	106/1	2491	93/2	2666	98/1
1796	57/1	2219	106/1	2492	93/2	2667	98/1
1797	58/1	2220	106/1	2493	93/2	2671	97/2
1798	58/1	2221	106/1	2494	93/2	2674	105/1
1799	58/1	2222	106/1	2495	93/2	2679	97/1
1801	80/4	2223	106/1	2600	97/1	2684	97/1
1843	80/1	2224	106/1	2601	98/1	2685	97/2
1847	80/1	2225	106/1	2602	104/5	2694	98/1
1848	80/1	2226	106/1	2603	104/5	2702	218/1
1849	80/1	2227	106/1	2604	98/2	2703	218/1
1850	80/1	2229	106/3	2607	105/4	2704	218/2
1851	80/1	2230	106/3	2608	105/4	2735	100/3
1852	80/2	2231	106/3	2610	97/1	2736	100/3
1854	80/2	2232	106/3	2611	97/1	2737	100/3
1862	81/3	2233	106/3	2612	97/1	2738	100/3
1863	81/3	2234	106/2	2613	98/1	2739	100/3
1864	81/3	2235	106/2	2614	98/1	2740	100/3
1865	81/3	2236	106/2	2615	98/1	2741	103/5
1866	81/3	2251	104/3	2616	98/1	2742	100/3
1896	81/3	2252	104/3	2617	98/1	2743	100/3
2104	86/3	2266	104/3	2618	98/1	2744	100/3
2110	86/1	2267	104/3	2619	98/1	2745	218/1
2113	86/1	2271	104/2	2620	98/1	2770	99/2
2114	86/1	2286	104/2	2621	98/1	2771	103/2
2115	86/1	2287	104/2	2622	98/1	2772	103/2
2116	86/1	2288	104/2	2623	98/1	2773	99/2
2117	86/1	2298	213/1	2624	98/1	2774	103/2
2118	86/1	2300-BE	88/3	2625	97/2	2775	103/2
2119	86/1	2311	205/3	2626	97/2	2776	103/2
2120	86/1	2316	205/3	2627	97/2	2779	99/2
2121	86/1	2318	205/3	2628	97/2	2780	103/2
2122	86/1	2319	205/3	2629	97/2	2781	103/2
2123	86/1	2320	205/3	2630	97/2	2783	100/1
2149	86/3	2321	205/3	2631	97/2	2786	100/1
2150	86/3	2322	205/3	2632	97/2	2787	100/1
2151	86/3	2323	205/3	2633	97/2	2793	100/1

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2834	101/3	3195	109/1	4242	198/2	4526	199/2
2835	102/2	3196	109/1	4243	198/2	4527	199/2
2836	102/2	3197	109/1	4274	198/1	4528	199/2
2837	101/3	3198	109/1	4310	197/2	4529	199/2
2838	102/2	3199	109/1	4311	197/2	4530	199/2
2841	101/3	3208	109/3	4312	197/2	4531	199/2
2842	102/2	3209	109/3	4313	197/2	4532	199/2
2853	219/2	3210	109/3	4314	197/2	4533	199/2
2857	105/3	3211	109/3	4315	197/2	4534	199/2
2858	101/3	3212	109/3	4316	197/2	4535	199/2
2860	102/3	3213	109/3	4317	197/2	4536	199/2
2861	102/3	3214	109/3	4318	197/2	4537	199/2
2864	101/3	3215	109/3	4319	197/2	4538	199/2
2869	101/3	3216	109/3	4320	197/2	4539	199/2
2870	105/3	3217	109/3	4321	197/2	4540	199/2
2876	102/3	3218	109/3	4354	197/3	4541	199/2
2880	101/3	3219	109/3	4355	197/3	4542	199/2
2881	102/2	3220	109/3	4356	197/3	4543	199/2
2882	102/3	3221	109/3	4357	197/3	4610	198/3
2892	219/1	4107	197/1	4358	197/3	4611	198/3
2893	219/1	4110	197/1	4359	197/3	4612	198/3
2894	219/1	4111	197/1	4360	197/3	4613	198/3
2895	219/1	4112	197/1	4361	197/3	4614	198/3
2896	219/1	4113	197/1	4362	197/3	4615	198/3
2897	219/1	4114	197/1	4363	197/3	4616	198/3
2898	101/2	4115	197/1	4364	197/3	4617	198/3
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3104	107/3	4117	197/1	4366	197/3	4619	198/3
3108	107/3	4118	197/1	4367	197/3	4620	198/3
3109	107/3	4119	197/1	4368	197/3	4621	198/3
3110	107/1	4120	197/1	4369	197/3	5225	167/3
3111	107/1	4121	197/1	4370	197/3	5226	166/1
3112	107/3	4157	197/1	4371	197/3	5310	163/1
3113	107/1	4210	198/1	4372	197/3	5311	164/2
3114	107/1	4211	198/1	4373	197/3	5321	164/4
3115	107/1	4212	198/1	4374	197/3	5350	164/2
3116	107/1	4213	198/1	4375	197/3	5881	182/1
3117	107/1	4214	198/1	4390	197/2	5882	182/2
3118	107/1	4215	198/1	4422	199/1	5885	182/3
3119	107/1	4216	198/1	4423	199/1	5890	182/1
3120	107/1	4217	198/1	4424	199/1	5891	182/2
3121	107/1	4218	198/1	4425	199/1	5894	182/3
3122	107/1	4219	198/1	4426	199/1	5899	182/1
3123	107/1	4220	198/1	4427	199/1	6170	180/4
3124	108/3	4221	198/1	4428	199/1	6171	180/4
3149	107/3	4222	198/2	4429	199/1	6172	180/4
3150	107/3	4223	198/2	4430	199/1	6173	180/4
3151	107/3	4224	198/2	4431	199/1	7108	221/1
3152	107/3	4225	198/2	4432	199/1	7115	221/2
3153	107/3	4226	198/2	4433	199/1	7153	119/3
3154	107/3	4227	198/2	4434	199/1	7163	119/4
3180	108/3	4228	198/2	4435	199/1	7185	221/1
3181	108/3	4229	198/2	4436	199/1	7186	221/2
3182	108/3	4230	198/2	4437	199/1	7245	120/3
3183	108/3	4231	198/2	4438	199/1	7246	120/3
3184	108/3	4232	198/2	4439	199/1	7370	120/4
3185	108/3	4233	198/2	4440	199/1	7371	120/4
3186	108/3	4234	198/2	4441	199/1	7372	228/1 + 120/4
3187	108/3	4235	198/2	4442	199/1	7400	222/1
3188	108/3	4236	198/2	4443	199/1	7416	122/1
3190	109/1	4237	198/2	4481	199/1	7423	222/1
3191	109/1	4238	198/2	4522	199/2	7424	221/5
3192	109/1	4239	198/2	4523	199/2	7432	122/2
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7488	121/1 + 228/2	11341	39/2	11801	42/5	12053	75/1
7489	121/2	11342	38/2	11802	42/5	12054	75/1
7490	121/4	11343	38/2	11803	42/5	12055	73/3
7491	121/4	11345	37/2	11812	43/5	12065	203/1
7492	121/4	11350	38/2	11813	43/5	12074	68/1
7493	121/4	11368	39/2	11814	43/5	12085	216/1
8156	122/3	11390	38/2	11815	43/5	12086	216/1
8158	122/3	11429	37/2	11822	43/3	12087	216/1
8178	232/5	11432	38/2	11823	43/3	12088	216/2
8189	122/3	11433	39/2	11824	43/3	12100	73/3
8190	122/3	11436	39/3	11825	43/3	12101	73/3
8191	122/3	11437	39/3	11826	43/4	12102	73/3
8192	122/3	11438	39/3	11827	43/4	12103	73/3
8198	122/4	11439	39/3	11828	43/4	12104	73/3
8199	122/4	11440	39/3	11829	43/4	12105	73/3
8309	223/4	11441	39/3	11879	39/1	12106	73/3
8310	223/4	11442	39/3	11889	194/2	12107	73/3
8311	223/4	11443	39/3	11906	36/2	12108	73/3
8312	223/4	11444	39/3	11907	36/2	12133	73/3
8313	223/4	11445	39/3	11909	36/3	12134	68/2
8314	223/3	11446	39/3	11928	36/2	12135	68/2
8315	223/3	11447	39/3	11930	36/2	12136	68/2
8316	223/3	11448	42/3	11931	36/2	12137	68/2
8317	223/3	11449	42/3	11932	36/2	12138	68/2
8318	223/3	11451	42/3	11933	36/2	12139	75/1
8319	222/5	11452	43/1	11934	36/2	12144	200/3
8320	222/5	11453	43/1	11944	36/3	12153	68/2
8324	223/4	11455	43/1	11945	36/3	12156	77/4
8325	223/4	11461	39/1	11947	36/3	12160	77/4
8326	223/3	11476	40/2	11948	36/3	12169	216/1
8327	223/3	11477	40/2	11949	36/3	12171	73/1
8328	223/2	11478	40/2	11955	36/3	12191	216/2
8329	223/2	11479	40/2	11956	36/3	12195	68/2
8330	223/2	11480	190/1	11957	36/3	12205	77/3
8331	223/2	11481	190/1	11960	36/3	12230	68/2
8332	223/2	11482	190/1	11962	36/3	12233	73/1
8333	223/2	11483	190/1	11963	36/3	12235	216/1
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8335	223/1	11487	42/1	11972	42/1	12237	216/1
8336	223/1	11492	38/3	11973	42/1	12238	216/1
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12409	77/4	12770	67/1	12840	72/1	13098	215/1
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12555	74/2	12773	67/2	12843	72/1	13102	70/1
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310340	108/1	530321	164/4	580648	183/1	896437	213/3
310344	108/1	530425	165/3	580649	183/1	896459	213/2
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310346	108/1	540055	173/3	580651	183/1	896463	213/3
310350	108/1	560030	179/1	580652	183/1	2148509	211/3
310351	108/1	560384	151/2	580653	183/1	5200568	167/2
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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 accepting 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 may possibly 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 compensation 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 information 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 retained title 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 of 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 obligated 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 accepted 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. **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 compensation 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.

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