



Bals
ELEKTROTECHNIK

INTERNATIONAL EDITION



Information

About us, general technical information about product features and standard IEC-309 1/2 BS EN. 60309-2/ BS4343 1992, **QUICK-CONNECT** (page 16), **Multi-Grip** (page 17), **KONTEX PLUS** (page 15)

INFO

Socket Outlets

Surface Mounting Socket Outlets, Panel Mounting Socket Outlets



Plugs, Appliance Inlets, Phase Inverters

Plugs, Surface Mounting Appliance Inlets, Panel Mounting Appliance Inlets, Appliance Inlets with Flange, Phase Inverter-Plugs, Phase Inverter-Appliance Inlets



Connectors

Angled Connectors, Connectors with Suspension Ring



Surface Mounting Sockets

Fused, switched, switched with mechanical interlocking, switched and fused, switched with mechanical interlocking and fused



Plugs and Sockets, Schuko Type

Panel Mounting Socket Outlets, Surface Mounting Socket Outlets, Plugs, Connectors, Three-Way Connectors, Distributors, Extension Cables, Surface Mounting Socket Schuko Type for Ex- Zone 22



Combinations made of plastic, rubber and steel

Surface Mounting Socket Outlets, Portable Distributions, Distribution Units, Uni-Block-Distributions, Cross-Distributions, Multiblocks, Energy Distributions, Steel Bollards



Plugs and Sockets for Caravan and Camping-Site

Surface Mounting Socket Outlets, Panel Mounting Socket Outlets, Plugs, Surface Mounting Appliance Inlets, Connectors, Adapter Plugs, Plugs Schuko-Type, Connectors Schuko-Type, Extension Cables, Camping-Distribution Units



Plugs and Sockets for Reefer Container

Surface Mounting Socket Outlets, Panel Mounting Socket Outlets, Plug, Appliance Inlets, Connectors, switched/interlocked Surface Socket Outlets, Phase Sequence Test Plugs



Plugs and Sockets for Harsh Environments

Surface Mounting Socket Outlets, Panel Mounting Socket Outlets, Plugs, Appliance Inlets, Connectors, Sockets switched with mech. interlocking, Sockets switched with mech. interlocking and fused



Plugs and Sockets for Zone 1, 2, 21, 22

Surface Mounting Sockets Outlets Zone 22, Plugs Zone 22, Surface Mounting Socket Outlets Zone 1, 2 and 21, Panel Mounting Socket Outlets Zone 1, 2 and 21, Plugs Zone 1, 2, 21



Extreme Low Voltage Products

Surface Mounting Socket Outlets, Panel Mounting Socket Outlets, Plugs, Surface Mounting Appliance Inlets, Connectors, 63 A Surface Mounting Socket Outlets, 63A Plugs, Connectors and Panel Mounting Appliance Inlets



Plugs and Sockets for special applications

TK-Socket Outlet Combination Units, Phase Sequence Test Plugs, Socket Outlets with Auxiliary Contact, Socket Outlets with electrical interlocking, 7-pole Plugs and Sockets, Plugs and Sockets for direct current, TH-Socket Outlets



Plugs and Sockets for military applications according to VG 96919 and VG 96926

CEE-Panel Mounting Socket Outlets, CEE-Plugs, CEE-Appliance Inlets, CEE-Connectors, Panel Mounting Socket Outlets Schuko Type, Plugs schuko type, Appliance Inlets Schuko Type, Connectors Schuko Type, Three-Way Connectors Schuko Type, Accessories, Portable Rubber-Distribution, Operating Windows



Empty Boxes

Made of thermo plastic or solid rubber



Accessories and Mounting Kits

Operating Windows, Wall Sockets, Intermediate Flanges, Mounting Frames, Terminals, Wiring Kits, Suspension Eyes, Closure Caps, External Cable Grips, Joiner Kits for Housings, Adaptor Bases, Assembly Brackets



Plugs and Sockets above 125 A

Plugs and Sockets above 125 A for voltages up to 1100V



Special Distribution Units



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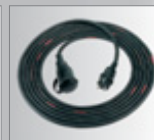
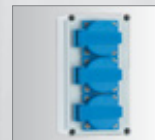
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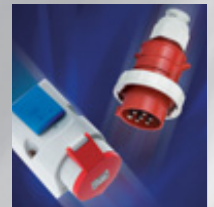
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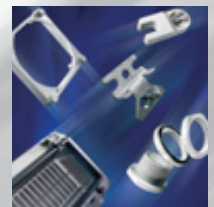
Plugs and Sockets for military applications (page 212 - 231)



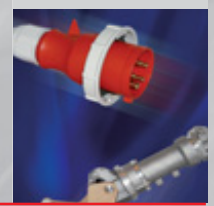
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Special Distribution Units (page 250 - 253)



National and International Sales



● manufacturing plant ● customer ● sole agents ○ affiliated companies



Bals-France



Neptune-Bals-India



Bals-China



Bals-Polska



CEE-Norm UK



Bals-Nederland



Bals-Finnland

● 7 affiliated companies

● Exclusive and sole partners in West- and East-Europe, South Africa, Russia, Middle-East, Asia North- and South America etc.

● 17 sales offices in Germany

● 8 special system agents

● Products ex stock available in more than 80 countries worldwide

Bals, a company in partnership with its customers

The Bals company was established in Germany over 50 years ago.

It manufactures an extensive range of high quality industrial plugs and sockets and is proud to serve world markets.

The headquarter is located in Kirchhundem-Albaum, North Rhine Westphalia. The company expanded in recent years by opening a second plant in East-Germany, Freiwalde, in the district of Brandenburg near Berlin.



Headquarters in Kirchhundem-Albaum, North Rhine-Westphalia



New plant in Freiwalde (Brandenburg)

Development and design

The multiple requirements of the world markets regarding the design and function of industrial plugs and sockets have been continuously analyzed by Bals. Innovation is created within their own design and tool making departments, „Application Creates Design“ is the motivation for their designers and engineers, which has been translated into many unique patented products. Their „know how“ stands for the unrivalled quality of safe, solid, easy to use ranges.



Development and design

Production

Customer requirements are in the center of all activities.

Customer service is the motivation. Teams in the production departments accept this challenge to guarantee an excellent service every day.



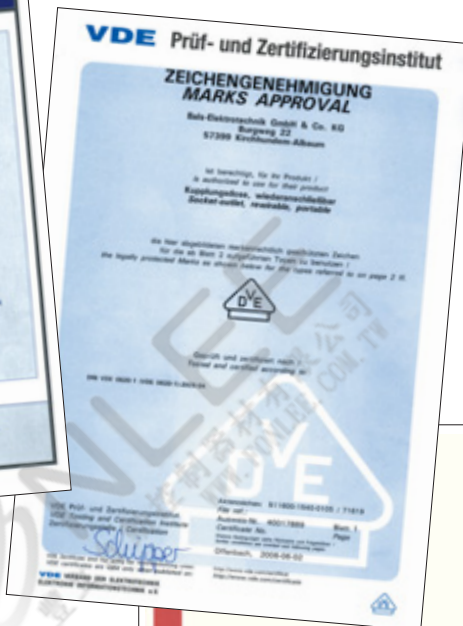
Assembly line for Quick-Connect products



Two component injection moulding

DIN EN ISO 9001

The high quality level of Bals Elektrotechnik has been certified by DIN EN ISO 9001.



Certifications

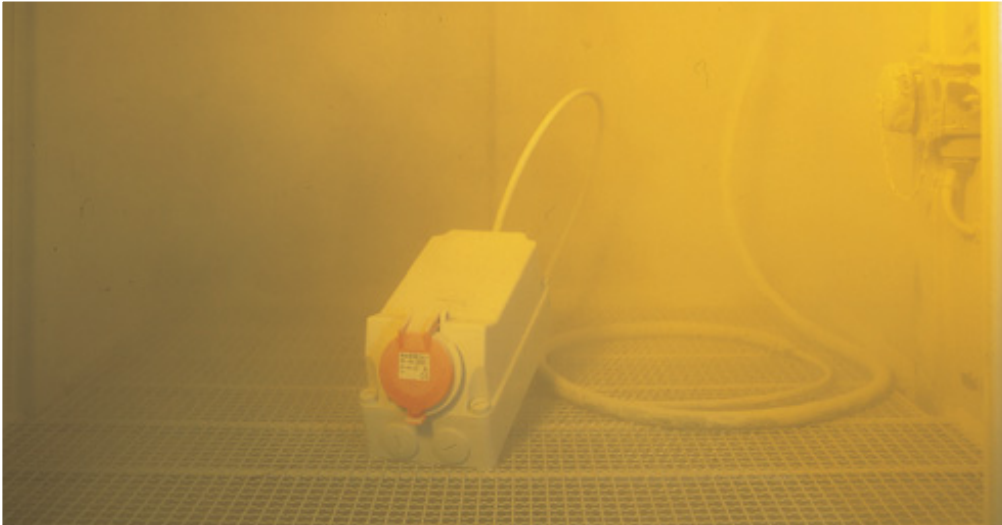
Innovations and certifications of German and foreign testing institutes prove the high technical standard of the Bals products.

QUICK CONNECT®

Multi Grip

KONTEX PLUS

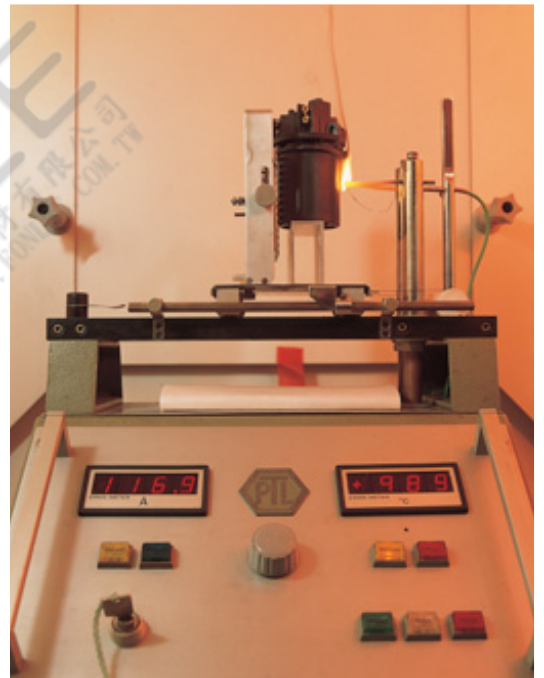




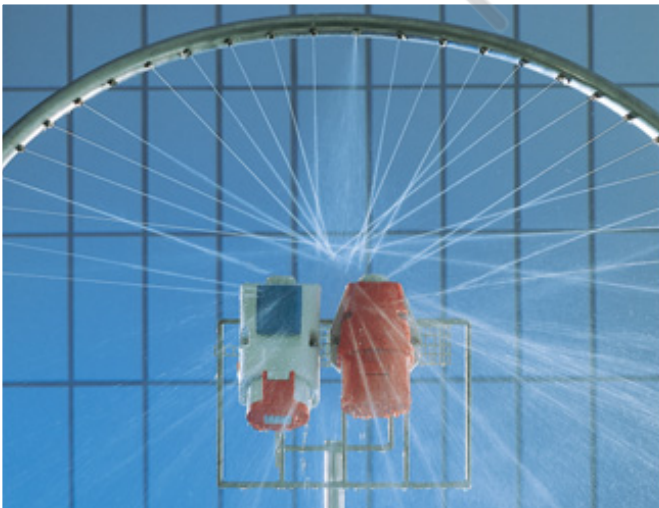
IP 55 Dust chamber testing

Testing and Quality Assurance

Bals products are exposed to long endurance tests. These tests far exceed standard requirements. Where others give up, Bals products withstand heat or cold, dust or dirt, moisture or water.



Glow wire testing



IP 44 or Splashproof testing



Safety test of combination units

Mainly used materials and characteristics of Bals CEE industrial plugs and sockets

	Type of Connection	Material of contact carrier	Material of contact	Material of enclosure	Material of the rivet of the lid	Material of the fixing screws	Material of the contact screw
Plug TLS	Screw Terminal	PA6	Brass	PA6	-	Steel blue galv.	Steel blue galv.
Plug Standard	Quick Connect	PA6	Brass	PA6	-	-	-
Plug TE	Screw Terminal	PA6.6	Brass nickel-plated	PA6	-	Stainless Steel A2	Brass nickel-plated
Plug TE Plus	Quick Connect	PA6.6	Brass nickel-plated	PA6	-	Stainless Steel A2	-
Connector TLS	Screw Terminal	PA6	Brass	PA6	Brass	Steel blue galv.	Steel blue galv.
Connector Standard	Quick Connect	PA6	Brass	PA6	Brass	-	-
Connector TE	Screw Terminal	PA6.6	Brass nickel-plated	PA6	Stainless Steel A2	Stainless Steel A2	Brass nickel-plated
Connector TE Plus	Quick Connect	PA6.6	Brass nickel-plated	PA6	Stainless Steel A2	Stainless Steel A2	-
Surface Socket Standard	Quick Connect	1)	2)	3)	Brass	4)	-
Surface Socket TE	Quick Connect	PA6.6	Brass nickel-plated	3)	Stainless Steel A2	Stainless Steel A2	-
Panel Socket Standard	Quick Connect	1)	2)	PA6	Brass	-	-
Panel Socket TE	Quick Connect	PA6.6	Brass nickel-plated	PA6	Stainless Steel A2	-	-
Appliance Inlet	Quick Connect	1)	2)	PA6	-	-	-
Appliance Inlet TE	Quick Connect	PA6.6	Brass nickel-plated	PA6	-	-	-

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

2) 16A + 32A made of brass
63A made of brass nickel-plat.

1) 16A + 32A made of PA6
63A made of PC

4) 16A + 32A made of steel blue galvanized
63A made of stainless steel A2

PA6 and PC are high-quality plastics.

PA6.6 is a high-quality, high-temperature resistant plastic.

The brass contains at least 58% of copper.

Withdrawal forces of the Multi-Grip cable glands

Plug / Connector	Cable Ø	Torque		Withdrawal forces acc. EN60309/01	measured withdrawal forces*
		min.	max.		
16A 3P + 4P	8 mm	4 Nm	7 Nm	80 N	85 N (300 N)
16A 3P + 4P	18 mm	4 Nm	7 Nm	80 N	200 N
16A 3P + 4P	< 7 mm	4 Nm	7 Nm	with reducer type 29129	300 N
16A 5P	10 mm	4 Nm	7 Nm	80 N	400 N
16A 5P	21 mm	4 Nm	7 Nm	80 N	600 N
32A 3P + 4P	11 mm	4,5 Nm	9 Nm	100 N	400 N
32A 3P + 4P	23 mm	4,5 Nm	9 Nm	100 N	600 N
32A 5P	13 mm	5 Nm	9,5 Nm	100 N	350 N
32A 5P	27 mm	5 Nm	9,5 Nm	100 N	550 N
63A 3P - 5P	24 mm	7,5 Nm	20 Nm	120 N	1900 N
63A 3P - 5P	27 mm	7,5 Nm	20 Nm	120 N	2000 N
125A 3P - 5P	36 mm	10 Nm	22 Nm	200 N	2700 N
125A 3P - 5P	41 mm	10 Nm	22 Nm	200 N	2200 N

* measured withdrawal forces:

Room temperature 20° C,

Testing machine type TIRA test 2710/1

Rubber cable: H07RN-F.....

non-binding standard values

subject to technical modifications

List of resistance of materials

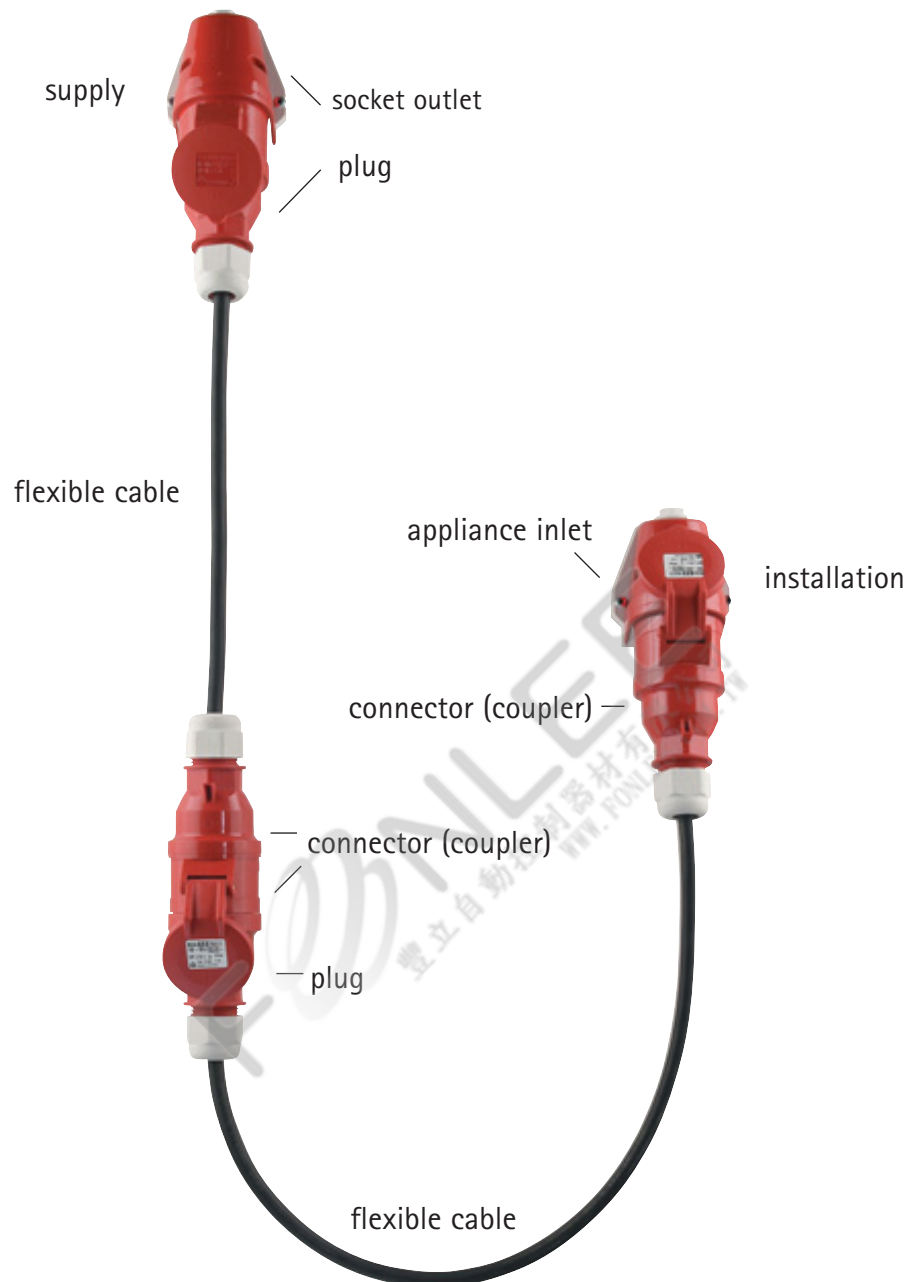
	Polyamide	Polyester	Polycarbonate	Rubber SBR quality
Acetone	+	0	●	+
Ethyl alcohol	+	+	+	+
Alcoholic drinks	+	+	+	+
Liquid ammonia	+	+	●	+
Fuel	+	+	+	●
Benzol	+	0	●	●
Brome	●	●	●	●
Butter	+	+	●	●
Chlorine	0	0	0	0
Light oil	+	+	0	0
Methylene chloride	0	●	●	●
Acetic acid 10%	●	0	+	●
Ethyl ester	+	+	●	●
Fluorocarbon	+	+	●	●
Fruit juices	0	+	+	+
Dish detergent	0	+	0	+
Glycerine	+	+	0	+
Glycol	0	+	0	+
Urea	0	+	0	+
Iodine	●	●	0	+
Soapy water 2%	+	+	+	+
Methy alcohol	0	+	●	+
Milk	+	+	+	+
Petroleum	+	+	+	0
Nitrobenze	+	0	●	●
Ozon	●	●	+	0
Perchlorethylene	0	+	●	●
Hydrochlorid acid up to 35%	●	●	0	0
Sulphuric acid up to 40%	●	●	+	+
Lard	+	+	●	0
Soapy water	+	+	+	0
Edible oil, edible fat	+	+	+	0
Petrol "4 star"	+	0	●	●
Toluene	+	0	●	●
Trichlorethylene	0	●	●	●
Base of detergent	+	+	0	0
Water, seawater, cold	+	+	+	+
Water hot	0	0	0	0
Hydrogen peroxyd, 30%	0	0	+	0

+ resistant 0 conditionally permanent ● not resistant
 + beständig 0 bedingt beständig ● unbeständig

In this list the most common chemicals which may occur are listed. The table informs about the basic principles of the chemical resistance. Important is the convergence of chemicals and the ambient temperature. If chemicals are used or may occur simultaneously, an exact control of resistance need to be done.

Origin:
 Werkstoff-Führer Kunststoff
 Hellerich/ Harsch/ Haenle
 6. Edition
 Bayer Kunststoff

Definitions in accordance with VDE 0623 § 2/EN 60309 used in this catalogue



IP-Rating

First Numeral		Second Numeral	
(a) Protection of persons against contact with live or moving parts inside enclosure. (b) Protection of equipment against ingress of solid bodies.		Protection of equipment against ingress of liquid.	
Number/ Symbol	Degree of Protection	Number/ Symbol	Degree of Protection
4	(a) Protection against contact by tools, wires or the like, more than 1.0mm thick. (b) Protection against ingress of small foreign bodies.	4 	Splash Proof:- Liquid splashed from any direction shall have no harmful effect.
5 	(a) Complete protection against contact. (b) Dust Proof:- Protection against harmful deposits of dust, dust may enter but not in amounts sufficient to interfere with satisfactory operation.	5 	Jet Proof:- Water projected by a nozzle from any direction (under stated conditions) shall have no harmful effect.
6 	(a) Complete protection against contact. (b) Dust Tight:- Protection against ingress of dust.	7 	Protection Against Immersion in Water:- It shall not be possible for water to enter the enclosure under stated conditions of pressure and time.

Colour Coding

All CEE Norm products are colour coded in compliance with BS EN. 60309-2/BS4343:1992 and IEC309 (see table below) for ease of identification of the various voltages and frequencies.

Voltage or Frequency	Colour Code
20 - 25V (24V)	Violet
40 - 50V (42V)	White
100 - 130V (110V)	Yellow
200 - 250V (240V)	Blue
380 - 480V (415V)	Red
500 - 690V (500V)	Black
60 - 500Hz	Green

Note:

We have used the 'trade standard' voltages of 24V, 42V, 110V, 240V, 415V and 500V on the part number pages in this catalogue. The actual voltage range for each type is as per British standards and international regulations.

For convenience, the 415V (red) appliance has been shown throughout this catalogue for most products. Other voltages / frequencies are also available (where indicated) in the appropriate colours indicated alongside.

Earth 'Clock' Position

To prevent the possibility of connecting items of different voltages or frequencies with one another by mistake, the earth tube (or pin) position is designated in accordance with the voltage or frequencies in such a way to make this impossible.

The earth (or H) position is determined by locking into a socket from the front, with the keyway at the bottom 6 o'clock (6H) position.

The various earth clock positions are as per the diagram on the next page.

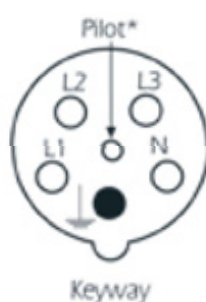
Note: It follows that on products with pins i.e. plugs and appliance inlets, the earth pin is reversed so that it fits into the correct earth tube position socket.

For **extra low voltage** products, the position is that of the minor keyway in relation to that of major keyway at the 6 o'clock position of the socket. Again on products with pins, the position of the minor keyway appears reversed to allow it to slot into the socket.

>50V

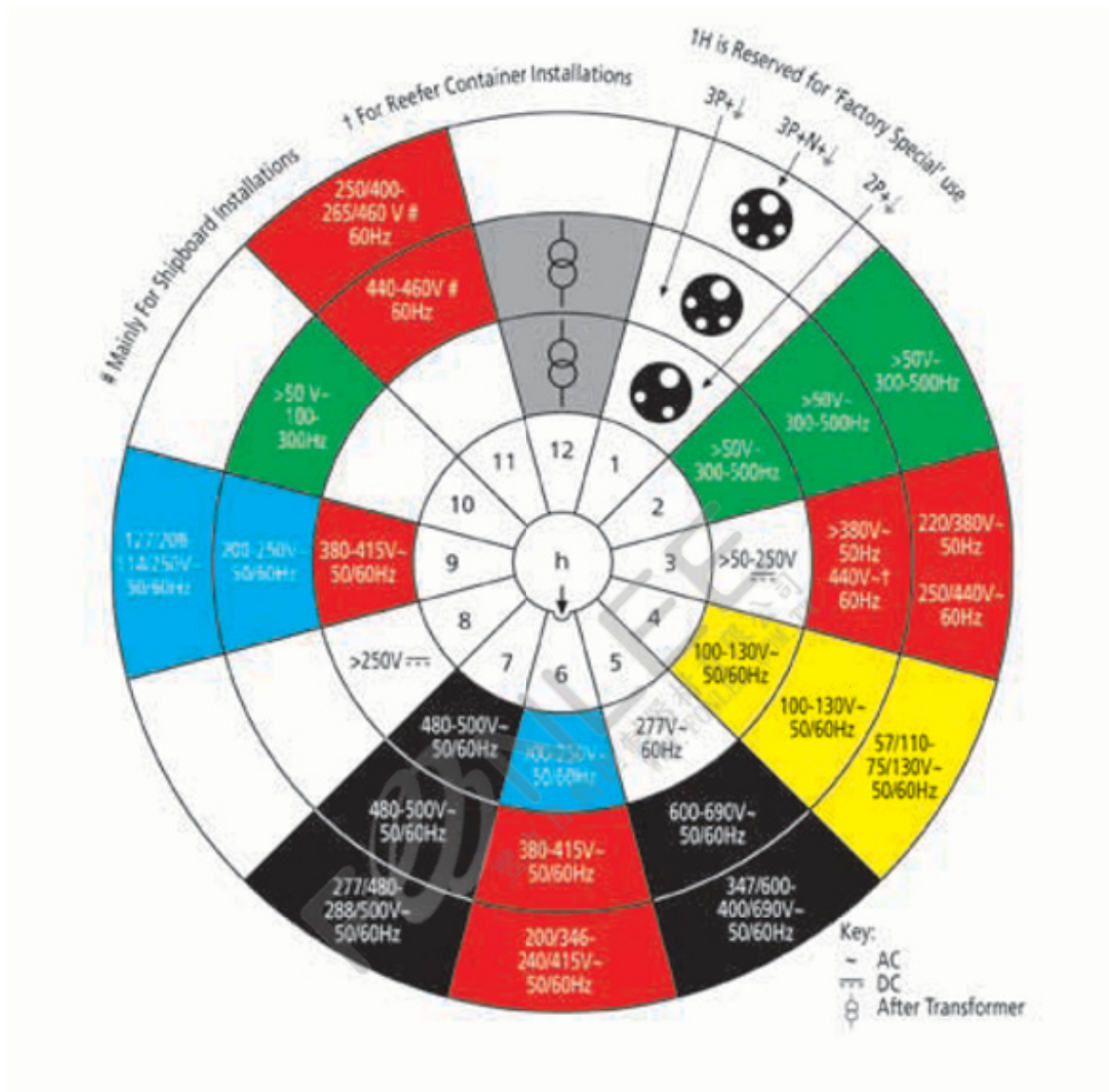
Viewed from front of Socket

<50V



* Pilot is only fitted on 63A and 125A items

Earth 'Clock' Position on over 50V Equipment



Minor keyway position in relation to the major keyway (at 6H) on extra low voltage (less than 50V) equipment (looking at socket)

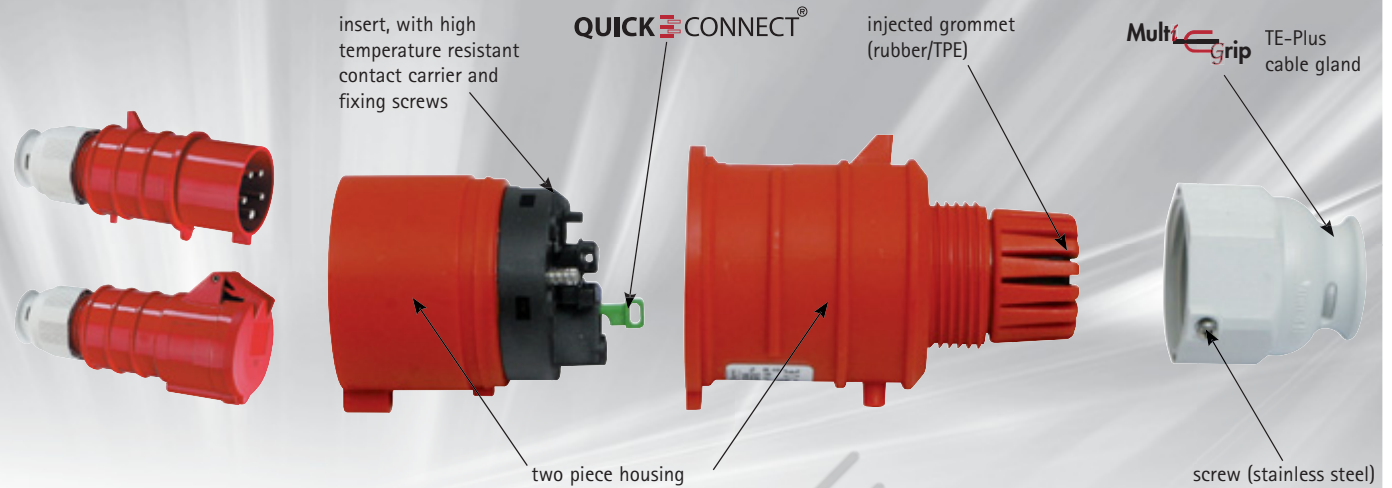
Number of Poles	Frequency Hz	Voltage	Minor Keyway Position
2 or 3	50/60	20 - 25	None
2 or 3	50/60	40 - 50	12h
2 or 3	100 - 200	40 - 50	4h
2 or 3	300	20 - 25 40 - 50	2h
2 or 3	400	20 - 25 40 - 50	3h
2 or 3	> 400 - 500	20 - 25 40 - 50	11h
2 or 3	Direct Current	< 50	10h

Combination Units

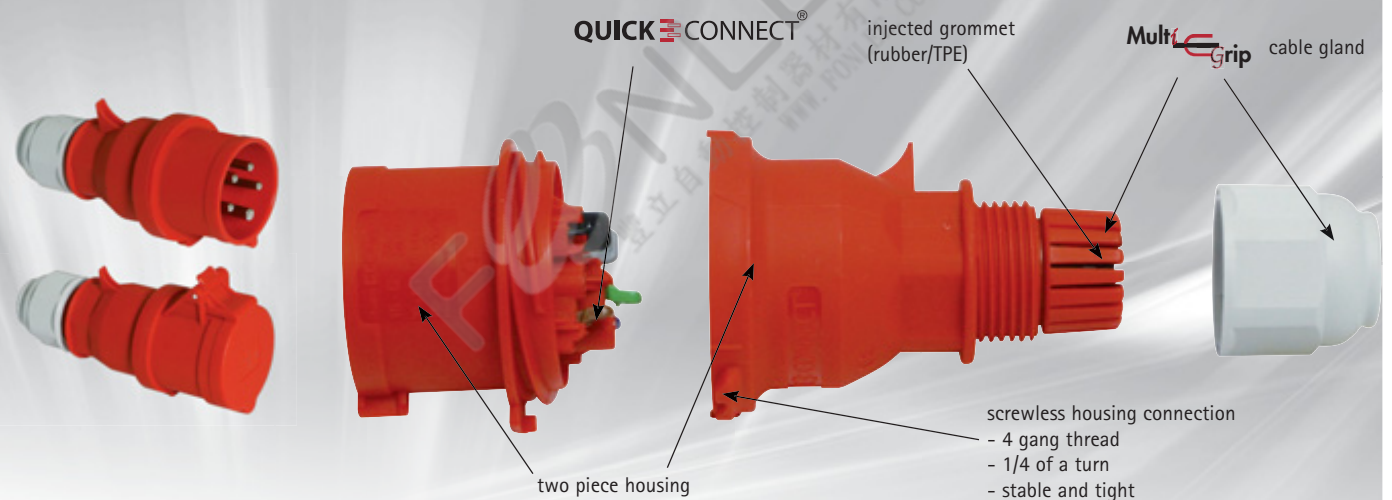


Main Product Ranges: TE-Plus, Quick-Connect, TLS

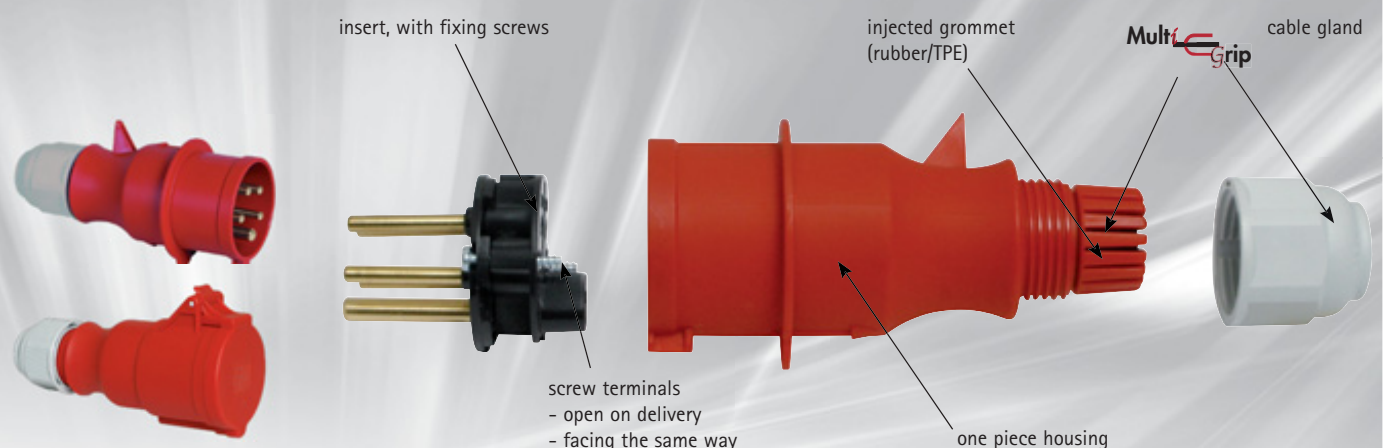
Plugs and Connectors TE-Plus 16A and 32A IP 44 and IP 67



Plugs and Connectors Quick-Connect 16A and 32A IP 44

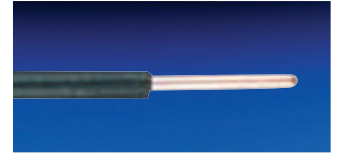


Plugs and Connectors TLS 16A and 32A IP 44 and IP 67

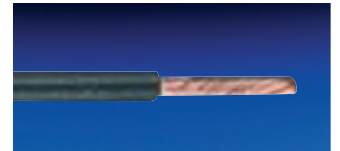




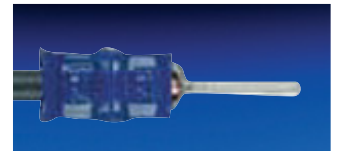
Accepts all ...



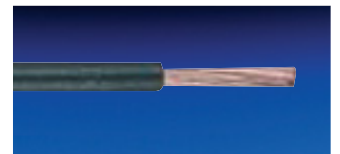
... solid conductors



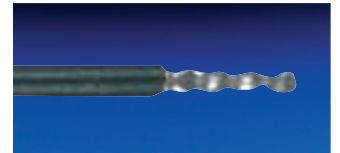
... stranded conductors



... stranded conductors with cable lug



... stranded conductors ultra sonic welded



... stranded conductors gas-tight crimped

cable lug
not required

screwless box-terminal
with non corroding tension
spring technology ensuring
predetermined and even
contact pressure over the
whole service life of
product
(125A with metric thread M8)

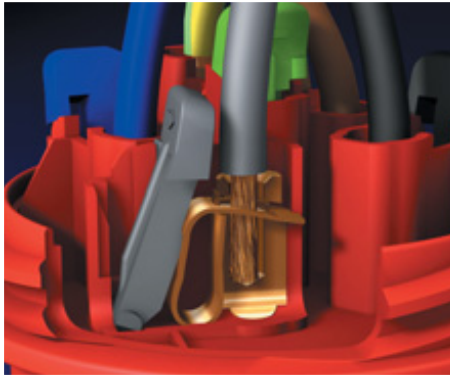
nickel-plated
contact pin

nickel plated contact
sleeve in „half-shell“
design with high copper
content ensuring excellent
current flow

unique contact clip ring
design tailored to self
cleaning effect of the
contact area for sleeve and
pin thus reducing the
potential of contact heating
by minimizing transition
resistance



THE BETTER ALTERNATIVE TO SCREW TYPE TERMINALS



Spring terminal (cage clamp) for plugs IP 44 in 16A and 32A



Spring terminal (cage clamp) for sockets and connectors IP 44/ IP 67 in 16A and 32A



Spring terminal (screwless box terminal) for plugs, sockets and connectors IP 44/ IP 67 in 63A

- Invented in 1998 and patented by Bals, the screwless fast connection technique is based on the cage clamp system.
- Up to 75% time saving against other 'older technology' connection systems.
- Cable end ferrules are no longer necessary.
- The spring terminals accept the same conductor size or type of cable as the relevant screw type terminals. Solid or stranded wires with or without cable end ferrules can easily be inserted.
- The terminals are in the 'open' position on delivery, the contact pressure of the spring is predetermined and remains even during the service life of product.
- With fingertip pressure onto the terminal it is reliably and permanently closed once the cable conductor is inserted.
- The damage free conductor connection guarantees an ideal connection for life.
- No problem to do re-wiring.
The terminals can be re-opened and conductor pulled out and used again without any problem, this is not possible with terminals that cut into cable conductors.
- Quick-Connect is maintenance free, shock and vibration resistant and better suited to variations in temperature.

The screwless Quick-Connect terminals are suitable for following conductors

Quick-Connect Plug and Connectors 16A: 1 mm² - 2,5 mm² (stranded conductor)

Quick-Connect Anbaudosen and Surfacedosen 16A: 1,5 mm² - 4 mm² (solid conductor)

Quick-Connect Plug and Connectors 32A: 2,5 mm² - 6 mm² (stranded conductor)

Quick-Connect Anbaudosen and Surfacedosen 32A: 2,5 mm² - 10 mm² (solid conductor)

Quick-Connect Plug and Connectors 63A: 6 mm² - 16 mm² (stranded conductor)

Quick-Connect Anbaudosen and Surfacedosen 63A: 6 mm² - 25 mm² (solid conductor)

Multi-Grip – THE ORIGINAL –

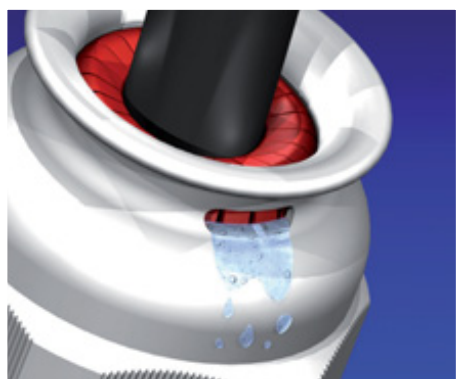
A BETTER ANSWER TO 'OLD STYLE' CABLE GLANDS



- A special new type of cable gland with integral cable gland was designed by Bals in 2002.

- The special threaded fitting is secured with a saw tooth thread which prevents self-induced or unintentional loosening whilst handling the connector.

- The permanently fixed rubber seal simplifies the connection process as there are no loose components or rubber 'onion rings' to adapt to the cable diameter.

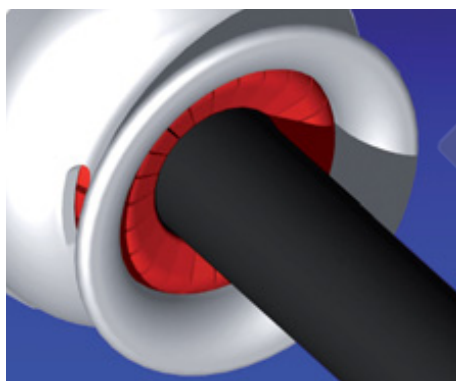


- Multi Grip cable gland achieves at least IP67 protection when correctly installed.

- Water will not remain in the flared opening, as it is removed through the drainage holes.

- Water and dirt is prevented from entering the inner connection space, even when the cable is moved.

- The tensile strength exceeds the values required by the latest Norms IEC60309, EN60309 and VDE 0623.



- The status of the cable gland can be controlled externally at any time without the need to open the plug or connector.

TE plugs and connectors	cable diameter	TLS and standard plugs and connectors	cable diameter
16A 3 and 4 pol. TE and TE-Plus	Ø8 mm - Ø18 mm	TLS 16A 3/4/5 pol.	Ø8 mm - Ø18 mm
16A 5pol. TE and TE-Plus	Ø10 mm - Ø21 mm	TLS 32A 3/4/5 pol.	Ø11 mm - Ø23 mm
32A 3 and 4pol. TE and TE-Plus	Ø11 mm - Ø23 mm	QC-Standard 16A 3/4/5 pol.	Ø8 mm - Ø18 mm
32A 5pol. TE and TE-Plus	Ø13 mm - Ø27 mm	QC-Standard 32A 3/4/5 pol.	Ø11 mm - Ø23 mm
63A 3-5pol. TE and TE-Plus	Ø16 mm - Ø36 mm	for small 3-core cable diameter a reducing adaptor is available (see page 244)	
125A 3-5pol. TE	Ø16 mm - Ø80 mm		

Your advantage because of our 50 years of experience in manufacturing industrial plugs and sockets conform to IECEE-309 / 1-2, RCD-protection combination units and socket outlet distribution units.

All Bals industrial plugs and sockets are:

Impact resistant even in extreme condition	➔	tested up to - 25°C
Dimensionally stable even under high heat developments	➔	glow wire tested with 650° respectively 850°
Splashproof, watertight and dustproof according to protection degree IP44 and IP67	➔	Test according to EN 60529, among others in 1m water depth
Breaking capacity test, products can be operated under load	➔	Contacts and inserts have successfully passed electrical, mechanical and thermal long term testing
No ageing plastic materials	➔	Long endurance testing with temperature of +80°
High insulating plastic materials	➔	the plastic parts insulate tensions of < 2500V AC
Stable and wear resistant	➔	reliable over years under extreme conditions in various application fields
Non polluting	➔	the plugs and sockets not contain PVC-, Cadmium or Halogen

The technical features for industrial plugs and sockets in most of the cases also valid for RCD-protection combination units and socket outlet distribution units. For most applications the high grade plastic or rubber materials are suitable, but if special chemicals are used e.g. for cleaning works in food processing industries, may be a different kind of high grade material should be used. See also the following list of durability of materials or contact us directly.

References

VATTENFALL



VORWEG GEHEN



Miele
PROFESSIONAL

Mercedes-Benz



 **BASF**
The Chemical Company



ben**TEC**
DRILLING & OILFIELD SYSTEMS



SOCKET OUTLETS

SOCKET OUTLET

Surface- and Panel Mounting Socket Outlet
16A and 32A with screwless Quick-Connect technique

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Surface Mounting Socket
Outlets

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Panel Mounting Socket
Outlets

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Preferred scopes



Construction Industry



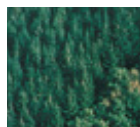
Camping site



Industry



Building Services



Farming



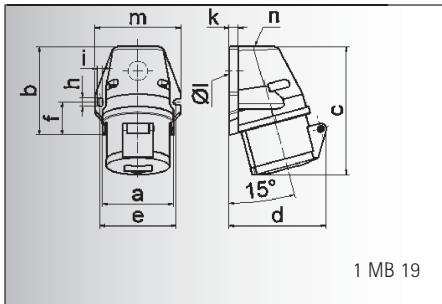
Harbour and Shipbuilding

SURFACE MOUNTING SOCKET OUTLETS

with screwless Quick-Connect technique

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

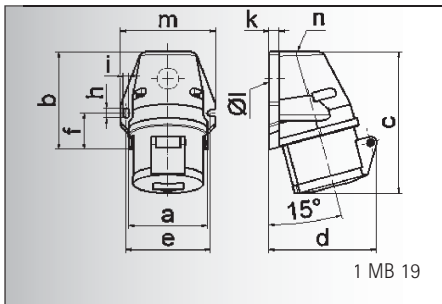
protection degree IP 44, IP 67



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	59,5	72,4	72,4	79,1	79,1	79,1
b	90,0	90,0	90,0	92,0	92,0	92,0
c	130,0	130,0	131,0	142,0	142,0	142,0
d	85,0	96,0	98,0	103,0	103,0	106,0
e	62,0	77,0	77,0	84,0	84,0	84,0
f	33,5	33,5	33,5	30,0	30,0	30,0
h	9,0	9,0	9,0	9,0	9,0	9,0
i	5,5	5,5	5,5	5,5	5,5	5,5
k	8,0	9,0	9,0	9,0	9,0	9,0
l ø	21,0	21,0	21,0	21,0	21,0	21,0
m	72,0	87,0	87,0	94,0	94,0	94,0
n	M 20	M 25	M 25	M 25	M 25	M 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 Quick-Connect

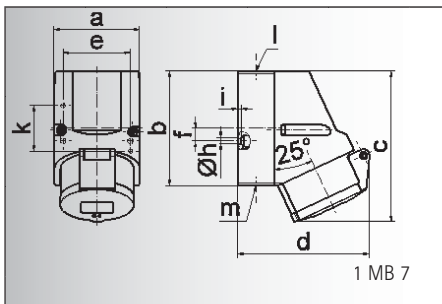
- screwless terminals
- Kontex-terminals
- cable entry one at top (open) and one at bottom (closed)
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	59,5	72,4	72,4	79,1	79,1	79,1
b	90,0	90,0	90,0	92,0	92,0	92,0
c	130,0	130,0	131,0	142,0	142,0	142,0
d	85,0	96,0	98,0	103,0	103,0	106,0
e	62,0	77,0	77,0	84,0	84,0	84,0
f	33,5	33,5	33,5	30,0	30,0	30,0
h	9,0	9,0	9,0	9,0	9,0	9,0
i	5,5	5,5	5,5	5,5	5,5	5,5
k	8,0	9,0	9,0	9,0	9,0	9,0
l ø	21,0	21,0	21,0	21,0	21,0	21,0
m	72,0	87,0	87,0	94,0	94,0	94,0
n	M 20	M 25	M 25	M 25	M 25	M 25
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Surface Mounting Socket Outlet

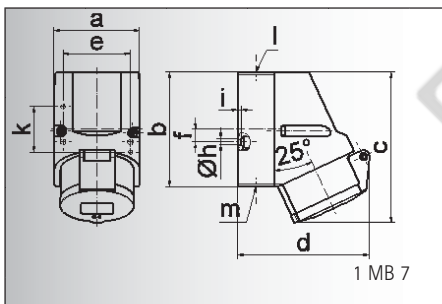
- screw terminals
- cable entry one at top (open) and one at bottom (closed)
- protection degree IP 44



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
h ø	4,1	5,1	5,1
i	4,5	4,5	4,5
k	40,0	-	-
l	M 20	M 20	M 20
m	for M 20	for M 20	for M 20
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

Surface Mounting Socket Outlet Quick-Connect

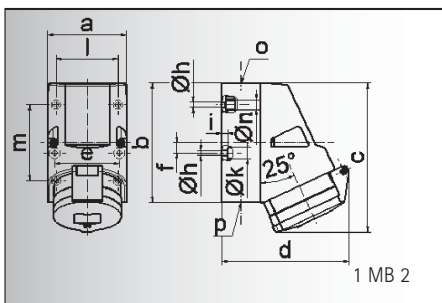
- screwless terminals
- Kontex-terminals
- cable entry one at top (open), one at bottom and one rear entry (closed)
- base of housing can rotate 180°
- protection degree IP 44



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
h ø	4,1	5,1	5,1
i	4,5	4,5	4,5
k	40,0	-	-
l	M 20	M 20	M 20
m	for M 20	for M 20	for M 20
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

Surface Mounting Socket Outlet

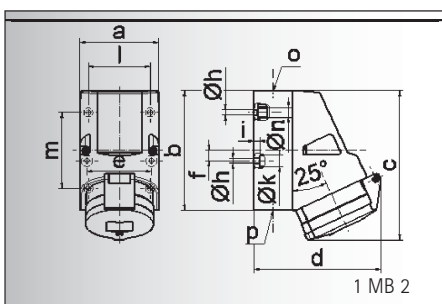
- screw terminals
- cable entry one at top (open), one at bottom and one rear entry (closed)
- base of housing can rotate 180°
- protection degree IP 44



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
h ø	5,5	5,5	5,5	5,5	5,5
i	6,5	6,5	6,5	6,5	6,5
k ø	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
n ø	10,0	10,0	10,0	10,0	10,0
o	M 25	M 25	M 25	M 25	M 25
p	2 x M 25	2 x M 25	2 x M 25	2 x M 25	2 x M 25
Cond. mm² min	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	10	10	10

Surface Mounting Socket Outlet Quick-Connect

- screwless terminals
- Kontex-terminals
- cable entry one at top (open), two at bottom (closed)
- base of housing can rotate 180°
- suitable for through wiring with special terminals
- protection degree IP 44



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
h ø	5,5	5,5	5,5	5,5	5,5
i	6,5	6,5	6,5	6,5	6,5
k ø	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
n ø	10,0	10,0	10,0	10,0	10,0
o	M 25	M 25	M 25	M 25	M 25
p	2 x M 25	2 x M 25	2 x M 25	2 x M 25	2 x M 25
Cond. mm² min	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	10	10	10

Surface Mounting Socket Outlet

- screw terminals
- cable entry one at top (open), two at bottom (closed)
- base of housing can rotate 180°
- 4 internal fixing holes
- protection degree IP 44



16	3	11 912	11 895					10	180
16	4		11 910	11 905	11 914	11 0027	11 0030	10	210
16	5			11 2001				10	230
32	3	11 918	11 919					10	275
32	4		11 921	11 922	11 924			10	295
32	5			11 2002				10	330



16	3	11 897	11 765					10	190
16	4	11 722	11 652	11 645	11 723			10	230
16	5	11 724	11 725	10 0	11 726		11 0129	10	250
32	3	11 832	11 651					10	290
32	4	11 735	11 653	11 646	11 736	11 836	11 0130	10	310
32	5	11 737	11 738	10 1	11 739			10	325



16	3	11 928	11 930	11 931	11 932	11 933	11 934	10	205
16	4	11 935	11 908	11 907	11 911	11 936	11 937	10	260
16	5	11 938	11 939	11 906	11 940	11 941	11 942	10	280



16	3	11 0	11 1	11 2	11 050	11 169	11 031	10	210
16	4	11 3	11 4	11 5	11 6	11 7	11 8	10	270
16	5	11 10	11 11	10 2	11 030	11 043	11 09	10	290



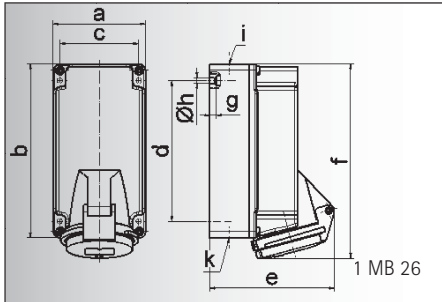
16	4			11 944	11 945			10	320
16	5			11 909	11 947			10	340
32	3	11 948	11 949					10	390
32	4		11 955	11 956	11 957	11 0073		10	410
32	5	11 960	11 0322	11 962	11 963			10	425



16	4	11 849	11 424	11 344	11 425	11 616		10	340
16	5	11 0054	11 375	10 6	11 219		11 755	10	355
32	3	11 13	11 14	11 15	11 794	11 426	11 193	10	380
32	4	11 16	11 17	11 18	11 19	11 20	11 21	10	400
32	5	11 22	11 23	10 3	11 023	11 146	11 124	10	415

SURFACE MOUNTING SOCKET OUTLETS ,with large wiring space

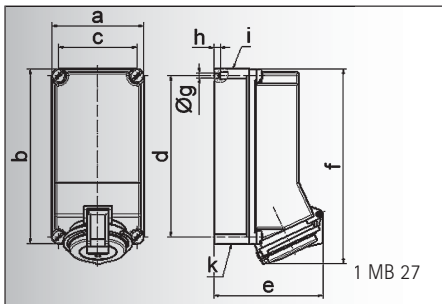
16A and 32A with screwless Quick-Connect technique
IEC 60309-1/2, EN 60309, VDE 0623
protection degree IP 44



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	109,0	115,0	124,0
f	188,0	189,0	190,0
g	6,5	6,5	6,5
h Ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

Surface Mounting Socket Outlet Quick-Connect TE

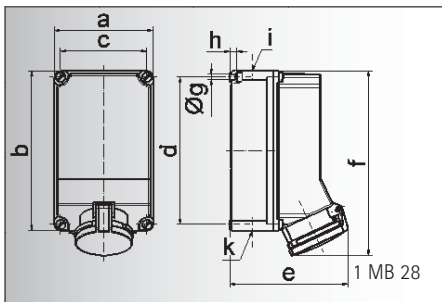
- screwless terminals
- Kontex-terminals
- high temperature resistant contact carrier
- nickel plated contacts
- with large wiring space
- protection degree IP 44



Ampere	16	32	32	32
Poles	5	3	4	5
a	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0
e	130,0	135,0	135,0	141,0
f	242,0	250,0	250,0	250,0
g Ø	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0
i	2xM 25	2xM 25	2xM 25	2xM 25
k	2xM 25	2xM 25	2xM 25	2xM 25
Cond. mm² min	1,5	2,5	2,5	2,5
Cond. mm² max	4	10	10	10

Surface Mounting Socket Outlet Quick-Connect TE

- screwless terminals
- Kontex-terminals
- high temperature resistant contact carrier
- nickel plated contacts
- with large wiring space
- protection degree IP 44



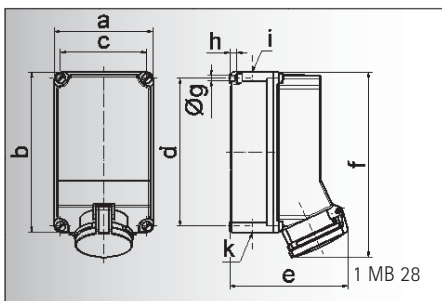
Ampere	63	63	63
Poles	3	4	5
a	160,0	160,0	160,0
b	260,0	260,0	260,0
c	140,0	140,0	140,0
d	240,0	240,0	240,0
e	184,0	184,0	184,0
f	302,0	302,0	302,0
g Ø	8,1	8,1	8,1
h	10,0	10,0	10,0
i	M 40	M 40	M 40
k	M 32/40	M 32/40	M 32/40
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Surface Mounting Socket Outlet TE

- screw terminals
- Kontex-Plus
- high temperature resistant contact carrier
- box terminals
- with large wiring space
- protection degree IP 44

SURFACE MOUNTING SOCKET OUTLETS

with screwless Quick-Connect technique
IEC 60309-1/2, EN 60309, VDE 0623
protection degree IP 44



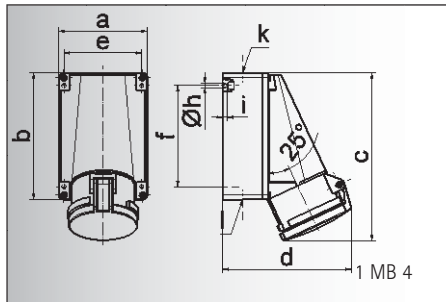
Ampere	63	63
Poles	4	5
a	160,0	160,0
b	260,0	260,0
c	140,0	140,0
d	240,0	240,0
e	184,0	184,0
f	302,0	302,0
g Ø	8,1	8,1
h	10,0	10,0
i	M 40	M 40
k	M 32/40	M 32/40
Cond. mm² min	6	6
Cond. mm² max	25	25

Surface Mounting Socket Outlet Quick-Connect TE

- screwless terminals
- Kontex-Plus
- high temperature resistant contact carrier
- box terminals
- with large wiring space
- protection degree IP 44

SURFACE MOUNTING SOCKET OUTLETS

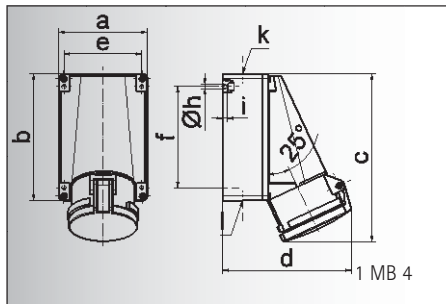
63A with screwless Quick-Connect technique or box terminals
 IEC 60309-1/2-1/2, DIN EN 60309-1/2, VDE 0623
 protection degree IP 44, 67



Ampere	63	63	63
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
h Ø	6,1	6,1	6,1
i	6,0	6,0	6,0
k	M 40	M 40	M 40
l	M 32/32	M 32/32	M 32/32
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Surface Mounting Socket Outlet

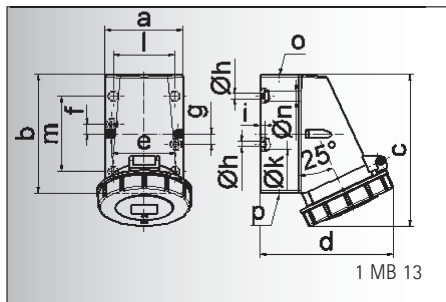
- screw terminals
- cable entry one at top (open), two at bottom (closed)
- Base of housing can rotate 180°
- high temperature resistant contact carrier
- Kontex-Plus
- box terminals
- protection degree IP 44



Ampere	63	63
Poles	4	5
a	118,0	118,0
b	170,0	170,0
c	223,0	223,0
d	168,0	168,0
e	104,0	104,0
f	136,0	136,0
h Ø	6,1	6,1
i	6,0	6,0
k	M 40	M 40
l	M 32/32	M 32/32
Cond. mm² min	6	6
Cond. mm² max	25	25

Surface Mounting Socket Outlet Quick-Connect

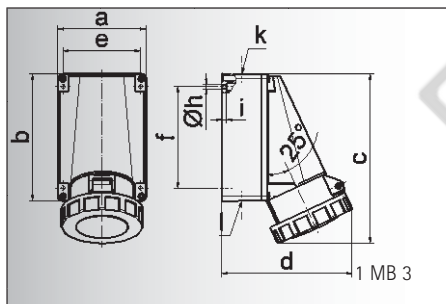
- screwless terminals
- cable entry one at top (open), two at bottom (closed)
- Base of housing can rotate 180°
- high temperature resistant contact carrier
- Kontex-Plus
- box terminals
- protection degree IP 44



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	-	-	-	-	-
h Ø	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
k Ø	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
n Ø	-	-	-	10,0	10,0	10,0
o	M 20	M 20	M 20	M 25	M 25	M 25
p	for M 20	for M 20	for M 20	2 x M 25	2 x M 25	2 x M 25
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Surface Mounting Socket Outlet

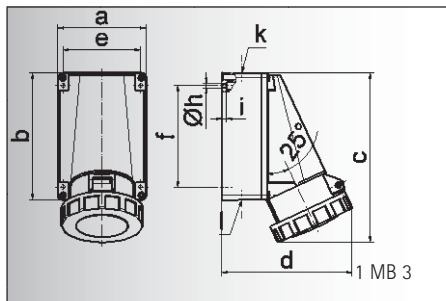
- screw terminals
- cable entry one at top (open), at 16A one, at 32A two at bottom (closed)
- Base of housing can rotate 180°
- protection degree IP 67



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
h Ø	6,1	6,1	6,1
i	6,0	6,0	6,0
k	M 40	M 40	M 40
l	M 32/32	M 32/32	M 32/32
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Surface Mounting Socket Outlet

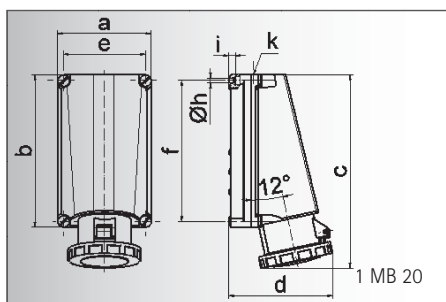
- screw terminals
- cable entry one at top (open), one at bottom (closed)
- high temperature resistant contact carrier
- Base of housing can rotate 180°
- Kontex-Plus
- box terminals
- protection degree IP 67



Ampere	63	63
Poles	4	5
a	118,0	118,0
b	170,0	170,0
c	228,0	228,0
d	176,0	176,0
e	104,0	104,0
f	136,0	136,0
h Ø	6,1	6,1
i	6,0	6,0
k	M 40	M 40
l	M 32/32	M 32/32
Cond. mm² min	6	6
Cond. mm² max	25	25

Surface Mounting Socket Outlet Quick-Connect

- screwless terminals
- cable entry one at top (open), one at bottom (closed)
- high temperature resistant contact carrier
- Base of housing can rotate 180°
- Kontex-Plus
- box terminals
- protection degree IP 67



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
h Ø	8,3	8,3	8,3
i	10,0	10,0	10,0
k	M 50	M 50	M 50
Cond. mm² min	25	25	25
Cond. mm² max	70	70	70

Surface Mounting Socket Outlet

- screw terminals
- cable entry one M50 at top
- high temperature resistant contact carrier
- Kontex-Plus
- box terminals
- nickel plated contacts
- protection degree IP 67



63	3	11 06	11 04	11 07	11 795	11 345	11 640	5	825
63	4	11 25	11 26	11 27	11 28	11 221	11 051	5	885
63	5	11 29	11 30	11 24	11 208	11 429	11 08	5	930

With PILOT contact use indicated part.-no. and add index „P“.

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63	4			11 0415				5	825
63	5			11 0383				5	885

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16	3	11 32	11 33	11 34	11 320	11 350	11 027	10	230
16	4	11 35	11 36	11 37	11 38	11 39	11 40	10	285
16	5	11 41	11 42	11 43	11 343	11 390	11 342	10	320
32	3	11 44	11 45	11 46				10	410
32	4	11 47	11 48	11 49	11 50	11 51	11 52	10	425
32	5	11 53	11 54	11 55	11 326	11 432	11 025	10	460



63	3	11 56	11 57	11 58				5	865
63	4	11 59	11 60	11 61	11 62	11 433	11 341	5	925
63	5	11 63	11 64	11 12	11 017	11 368	11 126	5	970

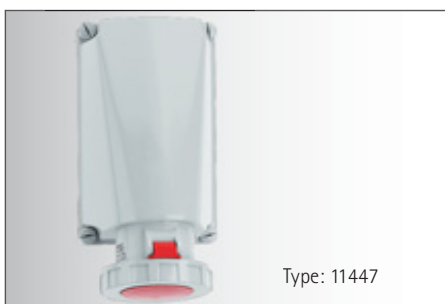
With PILOT contact use indicated part.-no. and add index „P“.

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63	4			11 0416				5	865
63	5			11 0413				5	925

--	--	--	--	--	--	--	--	--	--



125	3	11 436	11 437	11 438				1	1570
125	4	11 439	11 440	11 441	11 442	11 443	11 444	1	2040
125	5	11 445	11 446	11 447				1	2135

With PILOT contact use indicated part.-no. and add index „P“.

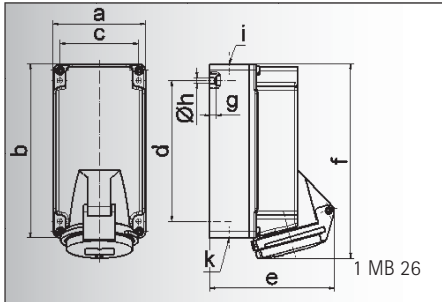
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SURFACE MOUNTING SOCKET OUTLETS ,with large wiring space

16A and 32A with screwless Quick-Connect technique

IEC 309 1/2, EN 60309, VDE 0623

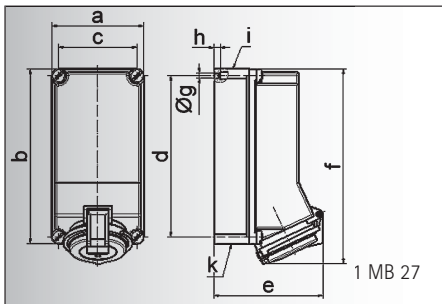
protection degree IP 44



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	109,0	115,0	124,0
f	188,0	189,0	190,0
g	6,5	6,5	6,5
h Ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

Surface Mounting Socket Outlet Quick-Connect TE

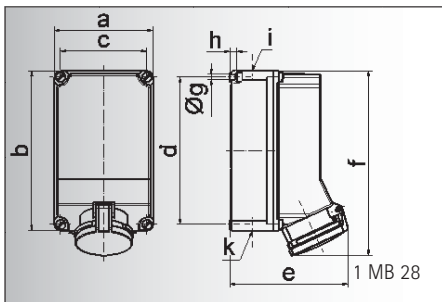
- screwless terminals
- Kontex-terminals
- high temperature resistant contact carrier
- nickel plated contacts
- with large wiring space
- protection degree IP 44



Ampere	16	32	32	32
Poles	5	3	4	5
a	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0
e	130,0	135,0	135,0	141,0
f	242,0	250,0	250,0	250,0
g Ø	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0
i	2xM 25	2xM 25	2xM 25	2xM 25
k	2xM 25	2xM 25	2xM 25	2xM 25
Cond. mm² min	1,5	2,5	2,5	2,5
Cond. mm² max	4	10	10	10

Surface Mounting Socket Outlet Quick-Connect TE

- screwless terminals
- Kontex-terminals
- high temperature resistant contact carrier
- nickel plated contacts
- with large wiring space
- protection degree IP 44



Ampere	63	63	63
Poles	3	4	5
a	160,0	160,0	160,0
b	260,0	260,0	260,0
c	140,0	140,0	140,0
d	240,0	240,0	240,0
e	184,0	184,0	184,0
f	302,0	302,0	302,0
g Ø	8,1	8,1	8,1
h	10,0	10,0	10,0
i	M 40	M 40	M 40
k	M 32/40	M 32/40	M 32/40
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Surface Mounting Socket Outlet TE

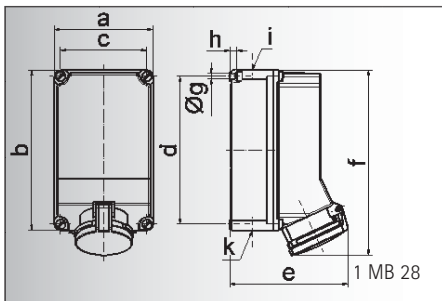
- screw terminals
- Kontex-Plus
- high temperature resistant contact carrier
- box terminals
- with large wiring space
- protection degree IP 44

SURFACE MOUNTING SOCKET OUTLETS

with screwless Quick-Connect technique

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

protection degree IP 44



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 Ø	8,1	8,1
h	10,0	10,0
i	M 40	M 40
k	M 32/40	M 32/40
Cond. mm² min	6	6
Cond. mm² max	25	25

Surface Mounting Socket Outlet Quick-Connect TE

- screwless terminals
- Kontex-Plus
- high temperature resistant contact carrier
- box terminals
- with large wiring space
- protection degree IP 44



16	3	11 994	11 448																1	380
16	4		11 995	11 449	11 0018														1	400
16	5			11 451															1	430



16	5			11 0098															1	680
32	3	11 996	11 997																1	760
32	4		11 998	11 999	11 0019														1	780
32	5			11 0000															1	830



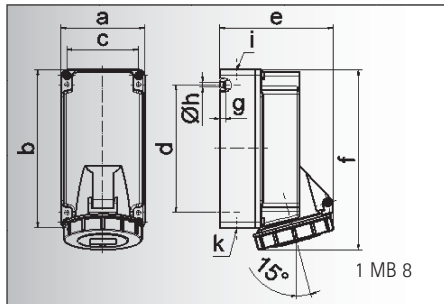
63	3		11 464																1	1610
63	4			11 465	11 466														1	1610
63	5			11 467															1	1720
With PILOT contact use indicated part.-no. and add index „P“.																				



63	4			11 0486															1	1580
63	5			11 0487															1	1690

SURFACE MOUNTING SOCKET OUTLETS ,with large wiring space

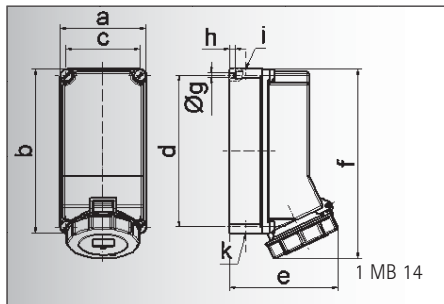
16A, 32A and 63A with screwless Quick-Connect technique or (63A and 125A) with box terminals
IEC 60309-1/2, EN 60309, VDE 0623
protection degree IP 67



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
h Ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

Surface Mounting Socket Outlet Quick-Connect TE

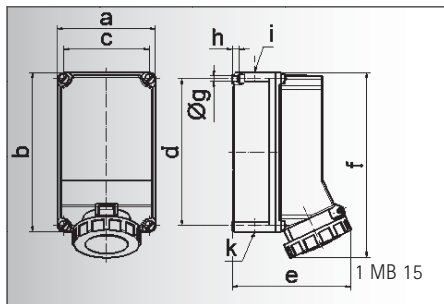
- screwless terminals
- Kontex-terminals
- high temperature resistant contact carrier
- nickel plated contacts
- with large wiring space
- protection degree IP 67



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
g Ø	6,5	6,5	6,5
h	8,0	8,0	8,0
i	2xM 25	2xM 25	2xM 25
k	2xM 25	2xM 25	2xM 25
Cond. mm² min	2,5	2,5	2,5
Cond. mm² max	10	10	10

Surface Mounting Socket Outlet Quick-Connect TE

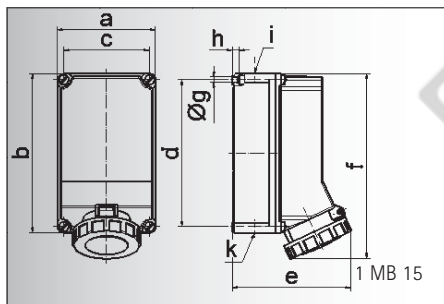
- screwless terminals
- Kontex-terminals
- high temperature resistant contact carrier
- nickel plated contacts
- with large wiring space
- protection degree IP 67



Ampere	63	63	63
Poles	3	4	5
a	160,0	160,0	160,0
b	260,0	260,0	260,0
c	140,0	140,0	140,0
d	240,0	240,0	240,0
e	195,0	195,0	195,0
f	304,0	304,0	304,0
g Ø	8,1	8,1	8,1
h	10,0	10,0	10,0
i	M 40	M 40	M 40
k	M 32/40	M 32/40	M 32/40
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Surface Mounting Socket Outlet

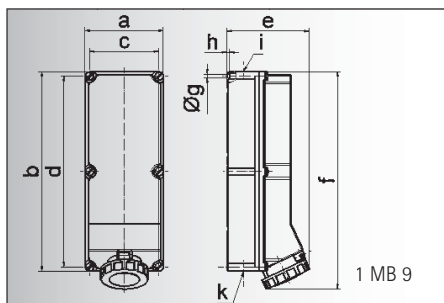
- screw terminals
- Kontex-Plus
- high temperature resistant contact carrier
- box terminals
- with large wiring space
- protection degree IP 67



Ampere	63	63
Poles	4	5
a	160,0	160,0
b	260,0	260,0
c	40,0	140,0
d	240,0	240,0
e	195,0	195,0
f	304,0	304,0
g Ø	8,1	8,1
h	10,0	10,0
i	M 40	M 40
k	M 32/40	M 32/40
Cond. mm² min	6	6
Cond. mm² max	25	25

Surface Mounting Socket Outlet Quick-Connect

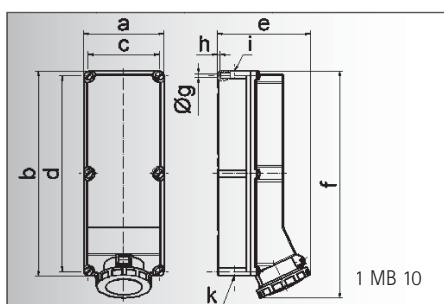
- screwless terminals
- Kontex-Plus
- high temperature resistant contact carrier
- box terminals
- with large wiring space
- protection degree IP 67



Ampere	63	63	63
Poles	3	4	5
a	180,0	180,0	180,0
b	460,0	460,0	460,0
c	160,0	160,0	160,0
d	440,0	440,0	440,0
e	191,0	191,0	191,0
f	500,0	500,0	500,0
g Ø	8,3	8,3	8,3
h	6,5	6,5	6,5
i	M 40	M 40	M 40
k	M 32/40	M 32/40	M 32/40
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Surface Mounting Socket Outlet

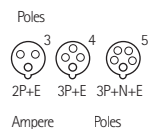
- screw terminals
- Kontex-Plus
- high temperature resistant contact carrier
- box terminals
- with large wiring space
- protection degree IP 67



Ampere	125	125	125
Poles	3	4	5
a	180,0	180,0	180,0
b	460,0	460,0	460,0
c	160,0	160,0	160,0
d	440,0	440,0	440,0
e	208,0	208,0	208,0
f	510,0	510,0	510,0
g Ø	8,3	8,3	8,3
h	6,5	6,5	6,5
i	M 40	M 40	M 40
k	M 40/50	M 40/50	M 40/50
Cond. mm² min	25	25	25
Cond. mm² max	70	70	70

Surface Mounting Socket Outlet

- screw terminals
- Kontex-Plus
- high temperature resistant contact carrier
- box terminals
- nickel plated contacts
- with large wiring space
- protection degree IP 67



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

100-300Hz
> 50V

3pol 4pol 5pol
10h 10h 10h

301-500Hz
> 50V

3pol 4pol 5pol
2h 2h 2h

Qty 9 each



16	3		<u>11 452</u>					1	410
16	4		11 790	<u>11 453</u>	11 0020			1	430
16	5			<u>11 455</u>				1	460



32	3		<u>11 0014</u>					1	780
32	4		11 791	<u>11 0015</u>	11 0016			1	800
32	5			<u>11 0017</u>				1	850



63	3		<u>11 468</u>					1	1650
63	4			<u>11 469</u>	11 470			1	1650
63	5			<u>11 471</u>				1	1760

With PILOT contact use indicated part.-no. and add index „P“.



63	4			<u>11 0488</u>				1	1620
63	5			<u>11 0489</u>				1	1730



63	3		<u>11 472</u>					2	4150
63	4			<u>11 473</u>	11 474			2	4200
63	5			<u>11 475</u>				2	4350

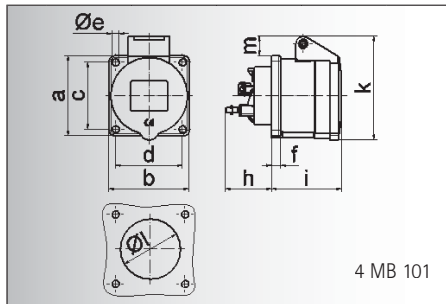
With PILOT contact use indicated part.-no. and add index „P“.



125	3		<u>11 476</u>					2	5300
125	4			<u>11 477</u>	11 478			2	5350
125	5			<u>11 479</u>				2	5500

With PILOT contact use indicated part.-no. and add index „P“.

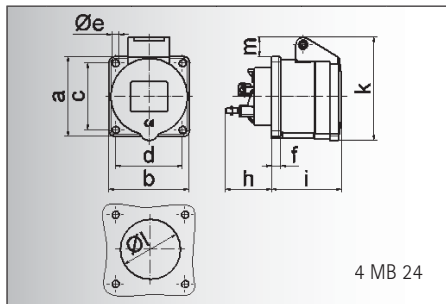
PANEL MOUNTING SOCKET OUTLETS, straight with screwless Quick-Connect technique or screw connection IEC 60309-1/2, EN 60309, VDE 0623 protection degree IP 44



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

Panel mounting socket outlet Quick-Connect

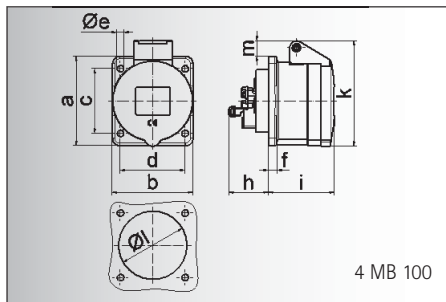
- screwless terminals
- Kontex-terminals
- Flange 56 x 56 mm at 16A 3p, 60 x 60 mm at 16A 4p
- protection degree IP 44



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

Panel mounting socket outlet

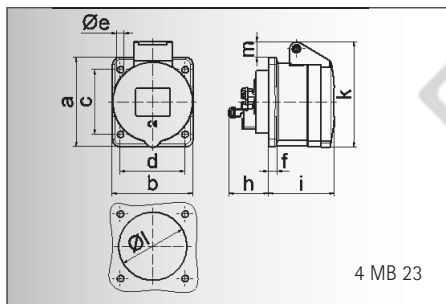
- Flange 56 x 56 mm at 16A 3p, 60 x 60 mm at 16A 4p
- protection degree IP 44



Ampere	16	16	16
Poles	3	4	5
a	62,0	72,0	72,0
b	62,0	65,0	65,0
c	47,0	52,0	52,0
d	47,0	52,0	52,0
e Ø	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
l Ø	45,0	45,0	55,0
m	10,0	9,0	13,0
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

Panel mounting socket outlet Quick-Connect

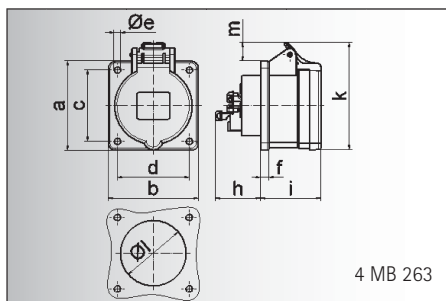
- screwless terminals
- Kontex-terminals
- Flange 62 x 62 mm at 16A 3p, 72 x 65 mm at 16A 4p a. 5p
- protection degree IP 44



Ampere	16	16	16
Poles	3	4	5
a	62,0	72,0	72,0
b	62,0	65,0	65,0
c	47,0	52,0	52,0
d	47,0	52,0	52,0
e Ø	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
l Ø	45,0	45,0	55,0
m	10,0	9,0	13,0
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

Panel mounting socket outlet

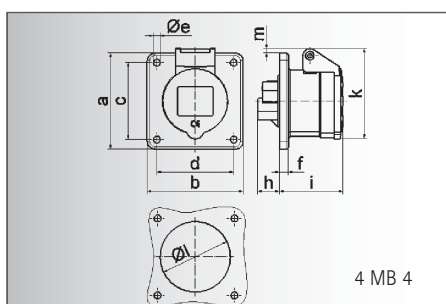
- Flange 62 x 62 mm at 16A 3p, 72 x 65 mm at 16A 4p and 5p
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
e Ø	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
l Ø	45,0	45,0	55,0	60,0	60,0	60,0
m	8,0	12,0	16,0	17,0	17,0	22,0
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Panel mounting socket outlet Quick-Connect

- screwless terminals
- Kontex-terminals
- Flange 75 x 75 mm
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
e Ø	5,5	5,5	5,5	5,5	5,5	5,5
f	7,0	7,0	7,0	8,0	8,0	8,0
h	17,0	26,0	17,0	36,0	36,0	19,0
i	51,0	53,0	53,0	62,0	62,0	62,0
k	70,0	80,0	85,0	90,0	90,0	98,0
l Ø	45,0	45,0	55,0	60,0	60,0	60,0
m	3,5	7,0	11,5	12,0	12,0	17,0
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Panel mounting socket outlet

- screw terminals
- Flange 75 x 75 mm
- protection degree IP 44

Poles			110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			100-300Hz > 50V			301-500Hz > 50V			Qty	
2P+E	3P+E	3P+N+E	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	10	9 each



16	3	13 656	13 646	13 657	13 658	13 659	13 660	10	120
16	4	13 661	13 662	13 663	13 664	13 665	13 666	10	120



16	3	13 0	13 1	13 2	13 590	13 381	13 217	10	120
16	4	13 015	13 016	13 017	13 018	13 019	13 020	10	155



16	3	13 667	13 668	13 669	13 670	13 671	13 672	10	115
16	4	13 673	13 674	13 675	13 676	13 677	13 678	10	125
16	5	13 679	13 680	13 681	13 682	13 683	13 684	10	145



16	3	13 10	13 11	13 12	13 591	13 246	13 071	10	125
16	4	13 13	13 14	13 15	13 16	13 17	13 18	10	160
16	5	13 19	13 20	13 21	13 072	13 316	13 088	10	175



16	3	13 685	13 686	13 687	13 688	13 689	13 690	10	125
16	4	13 691	13 692	13 693	13 694	13 695	13 696	10	130
16	5	13 697	13 698	13 2001	13 699	13 700	13 701	10	150
32	3	13 702	13 703	13 704	13 705	13 706	13 707	10	215
32	4	13 708	13 709	13 710	13 711	13 712	13 713	10	235
32	5	13 714	13 715	13 2002	13 716	13 717	13 718	10	250



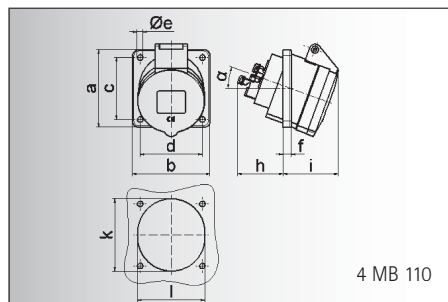
16	3	13 000	13 001	13 002	13 042	13 216	13 053	10	140
16	4	13 22	13 23	13 24	13 25	13 26	13 27	10	170
16	5	13 003	13 004	13 005	13 043	13 034	13 033	10	180
32	3	13006	13 007	13 008	13 058	13 076	13 313	10	230
32	4	13 009	13 010	13 011	13 012	13 013	13 014	10	240
32	5	13 31	13 32	13 33	13 167	13 173	13 050	10	260

PANEL MOUNTING SOCKET OUTLETS, angled

16A and 32A with screwless Quick-Connect technique or screw terminals

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

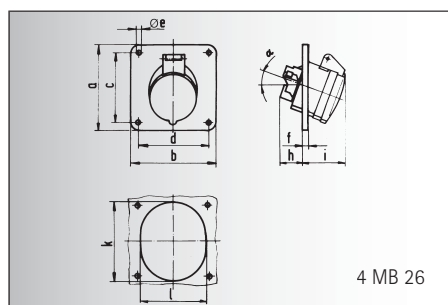
protection degree IP 44



Ampere	16
Poles	5
a	75,0
b	75,0
c	60,0
d	60,0
e Ø	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

Panel mounting socket outlet Quick-Connect

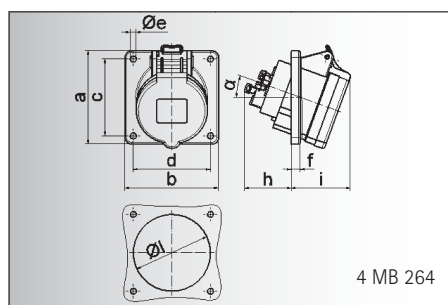
- screwless terminals
- angled 20°
- Kontex-terminals
- Flange 75 x 75 mm
- protection degree IP 44



Ampere	16
Poles	5
a	75,0
b	75,0
c	60,0
d	60,0
e Ø	5,5
f	8,0
h	30,0
i	54,0
k	70,0
l	65,0
α	20°
Cond. mm² min	1,5
Cond. mm² max	4

Panel mounting socket outlet

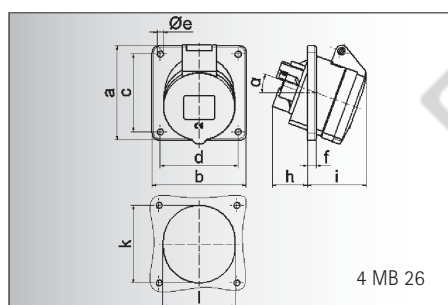
- angled 20°
- Kontex-terminals
- Flange 75 x 75 mm
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e Ø	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 Ø	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

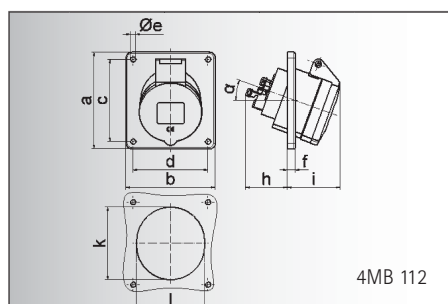
- screwless terminals
- angled 20°
- Kontex-terminals
- Flange 85 x 85 mm
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e Ø	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	30,0	30,0	30,0	50,0	50,0	34,0
i	48,0	50,0	54,0	63,0	63,0	60,0
k	57,0	65,0	70,0	78,0	78,0	78,0
l	57,0	65,0	70,0	78,0	78,0	78,0
α	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

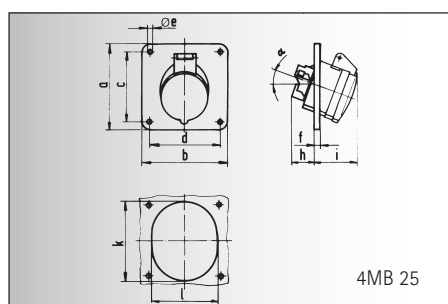
- screw terminals
- angled 20°
- Flange 85 x 85 mm
- protection degree IP 44



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

Panel mounting socket outlet Quick-Connect

- screwless terminals
- angled 20°
- Kontex-terminals
- Flange 74 x 62 mm at 16A 3p, 100 x 92 mm for the other versions
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	74,0	100,0	100,0	100,0	100,0	100,0
b	62,0	92,0	92,0	92,0	92,0	92,0
c	60,0	85,0	85,0	85,0	85,0	85,0
d	52,0	77,0	77,0	77,0	77,0	77,0
e Ø	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	30,0	30,0	29,0	50,0	50,0	34,0
i	48,0	50,0	55,0	68,0	68,0	60,0
k	57,0	65,0	70,0	75,0	75,0	78,0
l	52,0	65,0	70,0	75,0	75,0	78,0
α	20°	20°	20°	20°	20°	20°
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Panel mounting socket outlet

- angled 20°
- Kontex-terminals
- Flange 74 x 62 mm at 16A 3p, 100 x 92 mm for the other versions
- protection degree IP 44



16	5	12 743	12 744	12 2001	12 745	12 746	12 747	10	165



16	5	12 10	12 11	12 12	12 319	12 192	12 507	10	190



16	3	12 748	12 749	12 750	12 751	12 861	12 752	10	135
16	4	12 862	12 863	12 753	12 864	12 754	12 865	10	155
16	5	12 755	12 756	12 757	12 758	12 866	12 759	10	175
32	3	12 760	12 761	12 867	12 762	12 868	12 869	10	215
32	4	12 870	12 763	12 764	12 765	12 871	12 872	10	235
32	5	12 766	12 767	12 768	12 769	12 770	12 873	10	250

May be fitted with auxiliary contact see page 207.



16	3	12 079	12 080	12 081	12 485	12 952	12 483	10	150
16	4			12 500	12 520			10	185
16	5	12 076	12 077	12 078	12 491		12 848	10	195
32	3	12 324	12 310					10	210
32	4		12 325	12 311	12 368			10	230
32	5	12 13	12 14	12 15	12 369	12 217		10	235



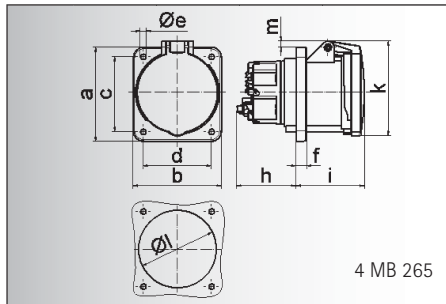
16	3	12 771	12 772	12 773	12 774	12 775	12 776	10	120
16	4	12 777	12 778	12 779	12 780	12 781	12 782	10	175
16	5	12 783	12 784	12 730	12 785	12 786	12 787	10	195
32	3	12 788	12 789	12 790	12 874	12 791	12 792	10	230
32	4	12 793	12 794	12 795	12 796	12 797	12 798	10	250
32	5	12 799	12 800	12 801	12 802	12 803	12 804	10	265



16	3	12 16	12 17	12 18	12 037	12 199	12 148	10	130
16	4	12 19	12 20	12 21	12 22	12 23	12 24	10	190
16	5	12 25	12 26	12 27	12 022	12 316	12 197	10	215
32	3	12 28	12 29	12 30		12 202	12 219	10	250
32	4	12 31	12 32	12 33	12 34	12 35	12 36	10	260
32	5	12 37	12 38	12 39	12 062	12 075	12 012	10	265

PANEL MOUNTING SOCKET OUTLETS, straight and angled

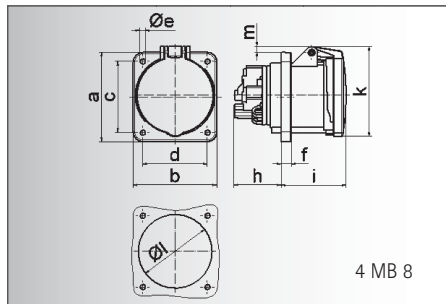
63A with screwless Quick-Connect technique or box terminals
IEC 60309-1/2, EN 60309, VDE 0623
protection degree IP 44



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

Panel mounting socket outlet Quick-Connect

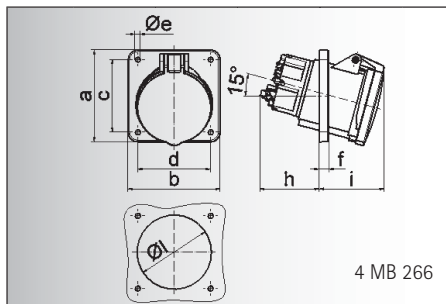
- screwless terminals
- Flange 107 x 100 mm
- high temperature resistant contact carrier
- Kontex-Plus
- box terminals
- protection degree IP 44



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
e Ø	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
l Ø	88,0	88,0	88,0
m	7,0	7,0	7,0
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Panel mounting socket outlet

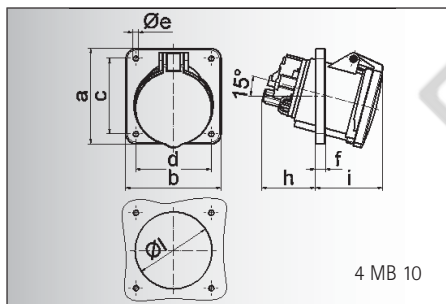
- screw terminals
- Flange 107 x 100 mm
- high temperature resistant contact carrier
- Kontex-Plus
- box terminals
- protection degree IP 44



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
e Ø	6,5	6,5
f	12,0	12,0
h	74,0	74,0
i	81,0	81,0
l Ø	92,0	92,0
Cond. mm² min	6	6
Cond. mm² max	25	25

Panel mounting socket outlet Quick-Connect

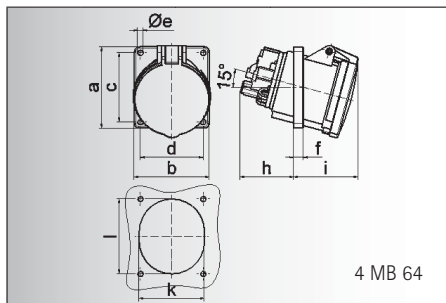
- screwless terminals
- angled 15°
- Flange 114 x 114 mm
- high temperature resistant contact carrier
- Kontex-Plus
- nickel plated contacts
- box terminals
- protection degree IP 44



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
e Ø	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
l	92,0	92,0	92,0
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Panel mounting socket outlet

- screw terminals
- angled 15°
- Flange 114 x 114 mm
- high temperature resistant contact carrier
- Kontex-Plus
- box terminals
- protection degree IP 44



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

Panel mounting socket outlet

- screw terminals
- angled 15°
- Flange 100 x 92 mm
- high temperature resistant contact carrier
- Kontex-Plus
- box terminals
- protection degree IP 44



63	4			13 0130				5	510
63	5			13 0114				5	570



63	3	13 06	13 07	13 08	13 592	13 254		5	495
63	4	13 09	13 04	13 4	13 01	13 320	13 077	5	555
63	5	13 140	13 05	13 6	13 168	13 321	13 051	5	600

With PILOT contact use indicated part.-no. and add index „P“.



63	4			12 0321				5	540
63	5			12 0306				5	585



63	3	12 134	12 135	12 136		12 381	12 230	5	510
63	4	12 137	12 07	12 01	12 04	12 382	12 153	5	570
63	5	12 138	12 08	12 02	12 195	12 383		5	615

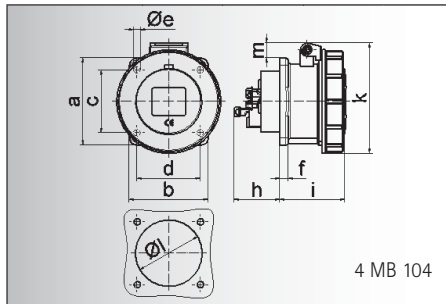
With PILOT contact use indicated part.-no. and add index „P“.



63	3		12 563					10	485
63	4			12 074	12 565			10	545
63	5	12 566	12 568	12 567				10	590

With PILOT contact use indicated part.-no. and add index „P“.

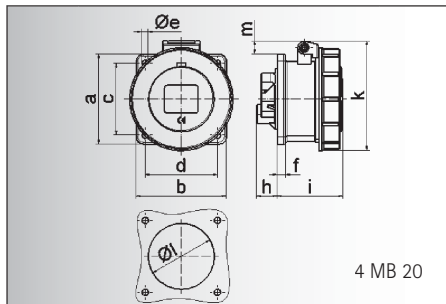
PANEL MOUNTING SOCKET OUTLETS, straight with screwless Quick-Connect technique or screw connection IEC 60309-1/2, EN 60309, VDE 0623 protection degree IP 67



Ampere	16	16	16
Poles	3	4	5
a	62,0	72,0	72,0
b	62,0	65,0	65,0
c	47,0	52,0	52,0
d	47,0	52,0	52,0
e Ø	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
l Ø	45,0	45,0	55,0
m	10,0	9,0	13,0
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

Panel mounting socket outlet Quick-Connect

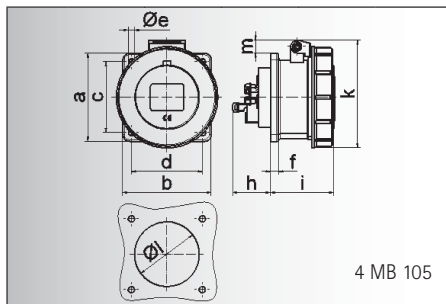
- screwless terminals
- Kontex-terminals
- Flange 62 x 62 mm at 16A 3p,
72 x 65 mm at 16A 4p and 5p
- protection degree IP 67



Ampere	16	16	16
Poles	3	4	5
a	62,0	72,0	72,0
b	62,0	65,0	65,0
c	47,0	52,0	52,0
d	47,0	52,0	52,0
e Ø	5,5	5,5	5,5
f	7,0	7,0	7,0
h	17,0	26,0	17,0
i	57,0	58,0	57,0
k	76,0	83,0	93,0
l Ø	45,0	45,0	55,0
m	10,0	9,0	13,0
Cond. mm² min	1,5	1,5	1,5
Cond. mm² max	4	4	4

Panel mounting socket outlet

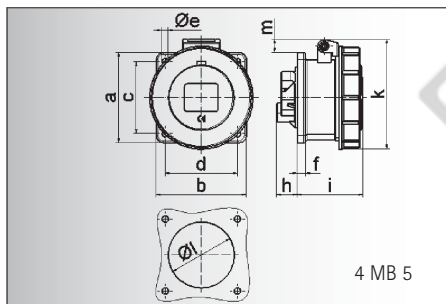
- Flange 62 x 62 mm at 16A 3p,
72 x 65 mm at 16A 4p and 5p
- protection degree IP 67



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
e Ø	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	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
l Ø	45,0	45,0	55,0	60,0	60,0	60,0
m	3,5	7,0	11,5	12,0	12,0	17,0
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Panel mounting socket outlet Quick-Connect

- screwless terminals
- Kontex-terminals
- Flange 75 x 75 mm
- protection degree IP 67



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
e Ø	5,5	5,5	5,5	5,5	5,5	5,5
f	7,0	7,0	7,0	8,0	8,0	8,0
h	17,0	26,0	17,0	36,0	36,0	19,0
i	57,0	58,0	57,0	65,0	65,0	65,0
k	76,0	83,0	93,0	100,0	100,0	106,0
l Ø	45,0	45,0	55,0	60,0	60,0	60,0
m	3,5	7,0	11,5	12,0	12,0	17,0
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Panel mounting socket outlet

- screw terminals
- Flange 75 x 75 mm
- protection degree IP 67

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



16	3	13 719	13 720	13 721		13 722	13 723	10	155
16	4	13 724	13 725	13 726	13 727	13 728	13 729	10	195
16	5	13 730	13 731	13 732				10	210



16	3	13 56	13 57	13 58		13 259	13 258	10	155
16	4	13 59	13 60	13 61	13 62	13 63	13 64	10	195
16	5	13 65	13 66	13 67				10	210

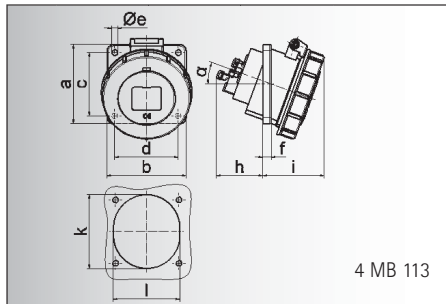


16	3	13 733	13 734	13 735		13 736		10	155
16	4	13 737	13 738	13 739	13 740	13 741	13 742	10	185
16	5	13 743	13 744	13 745	13 746	13 747	13 748	10	205
32	3	13 749	13 750	13 751		13 752	13 753	10	260
32	4	13 754	13 755	13 756	13 757	13 758	13 759	10	275
32	5	13 760	13 761	13 762	13 763	13 764	13 765	10	290



16	3	13 71	13 72	13 73		13 265		10	
16	4	13 74	13 75	13 76	13 77	13 78	13 79	10	
16	5	13 80	13 81	13 82	13 044	13 379	13 380	10	
32	3	13 023	13 024	13 025		13 264	13 432	10	
32	4	13 026	13 027	13 028	13 029	13 030	13 031	10	
32	5	13 68	13 69	13 70	13 376	13 377	13 378	10	

PANEL MOUNTING SOCKET OUTLETS, angled with screwless Quick-Connect technique or screw connection IEC 60309-1/2, EN 60309, VDE 0623 protection degree IP 67

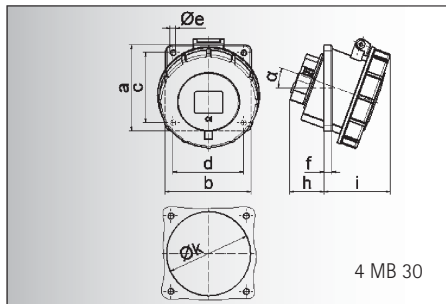


4 MB 113

Ampere	16	16
Poles	3	5
a	68,0	75,0
b	62,0	75,0
c	47,0	60,0
d	47,0	60,0
e Ø	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
- angled 20°
- Kontex-terminals
- Flange 68 x 62 mm at 16A 3p,
75 x 75 mm at 16A 5p
- protection degree IP 67

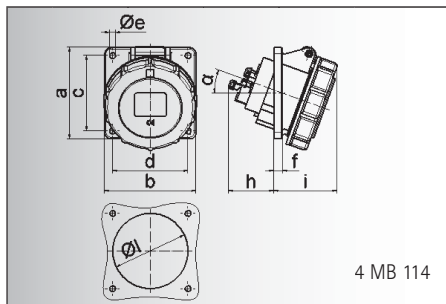


4 MB 30

Ampere	16	16
Poles	3	5
a	68,0	75,0
b	62,0	75,0
c	47,0	60,0
d	47,0	60,0
e Ø	5,5	5,5
f	8,0	5,5
h	30,0	31,0
i	57,0	60,0
k	-	-
l	56,0	70,0
m	51,0	63,0
α	20°	20°
Cond. mm² min	1,5	1,5
Cond. mm² max	4	4

Panel mounting socket outlet

- screw terminals
- angled 20°
- Flange 68 x 62 mm at 16A 3p,
75 x 75 mm at 16A 5p
- protection degree IP 67

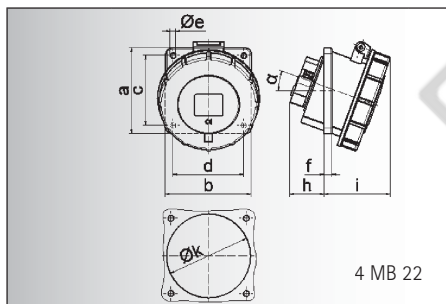


4 MB 114

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e Ø	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	57,0	57,0	60,0	65,0	65,0	69,0
l Ø	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
- angled 20°
- Kontex-terminals
- Flange 85 x 85 mm
- protection degree IP 67

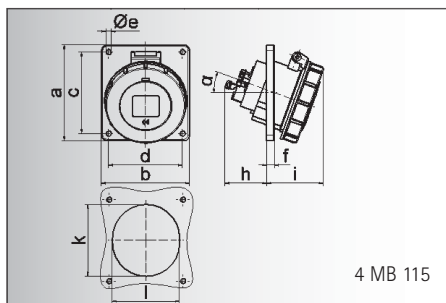


4 MB 22

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e Ø	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	30,0	30,0	30,0	50,0	50,0	34,0
i	55,0	57,0	59,0	67,0	67,0	69,0
k	57,0	65,0	70,0	78,0	78,0	78,0
l	57,0	65,0	70,0	78,0	78,0	78,0
m	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

- screw terminals
- angled 20°
- Flange 85 x 85 mm
- protection degree IP 67

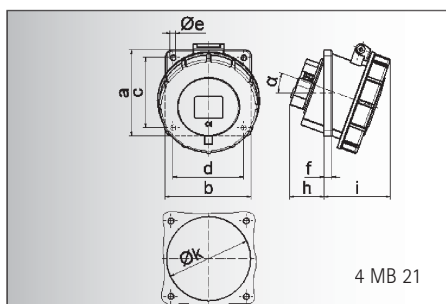


4 MB 115

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	74,0	100,0	100,0	100,0	100,0	100,0
b	62,0	92,0	92,0	92,0	92,0	92,0
c	60,0	85,0	85,0	85,0	85,0	85,0
d	52,0	77,0	77,0	77,0	77,0	77,0
e Ø	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	57,0	57,0	60,0	65,0	65,0	69,0
k	57,0	65,0	70,0	75,0	75,0	78,0
l	52,0	65,0	70,0	75,0	75,0	78,0
α	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
- angled 20°
- Kontex-terminals
- Flange 74 x 62 mm at 16A 3p,
100 x 92 mm for the other
versions
- protection degree IP 67



4 MB 21

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	74,0	100,0	100,0	100,0	100,0	100,0
b	62,0	92,0	92,0	92,0	92,0	92,0
c	60,0	85,0	85,0	85,0	85,0	85,0
d	52,0	77,0	77,0	77,0	77,0	77,0
e Ø	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	30,0	28,5	29,0	50,0	50,0	34,0
i	55,0	57,5	60,0	67,0	67,0	69,0
k	57,0	65,0	70,0	75,0	75,0	78,0
l	52,0	65,0	70,0	75,0	75,0	78,0
α	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

- screw terminals
- angled 20°
- Flange 74 x 62 mm at 16A 3p,
100 x 92 mm for the other
versions
- protection degree IP 67



16	3	12 808	12 809					10	160
16	5	12 810	12 811	12 812				10	215



16	3		12 183					10	160
16	5	12 59	12 60	12 61				10	215



16	3	12 917	12 813					10	190
16	4		12 929	12 814	12 930			10	215
16	5	12 815	12 816	12 817				10	240
32	3	12 818	12 819					10	275
32	4		12 820	12 821	12 931			10	295
32	5	12 822	12 823	12 824				10	335

May be fitted with auxiliary contact see page 207.



16	3		12 231					10	185
16	4			12 502				10	215
16	5	12 082	12 083	12 084	12 717			10	240
32	3	12 326	12 327					10	280
32	4		12 328	12 329	12 614			10	290
32	5	12 62	12 63	12 64				10	300



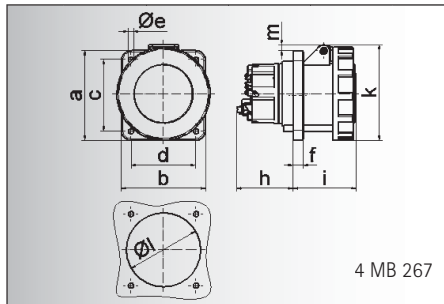
16	3	12 825	12 826					10	160
16	4	12 831	12 832	12 833	12 834	12 835	12 836	10	220
16	5	12 837	12 838	12 839	12 840	12 841	12 842	10	250
32	3	12 843	12 844					10	315
32	4	12 846	12 847	12 848	12 849	12 850	12 851	10	330
32	5	12 852	12 853	12 854	12 855	12 856	12 857	10	320



16	3	12 65	12 66	12 67	12 314	12 302	12 204	10	160
16	4	12 68	12 69	12 70	12 71	12 72	12 73	10	220
16	5	12 74	12 75	12 76	12 656	12 384	12 151	10	250
32	3	12 77	12 78	12 79				10	315
32	4	12 80	12 81	12 82	12 83	12 84	12 85	10	330
32	5	12 86	12 87	12 88	12 529	12 385	12 152	10	320

PANEL MOUNTING SOCKET OUTLETS, straight

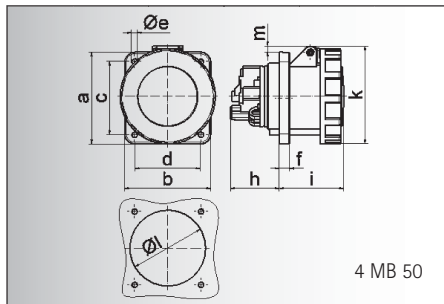
with screwless Quick-Connect technique or box terminals
IEC 60309-1/2, EN 60309, VDE 0623
protection degree IP 67



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

Panel mounting socket outlet Quick-Connect

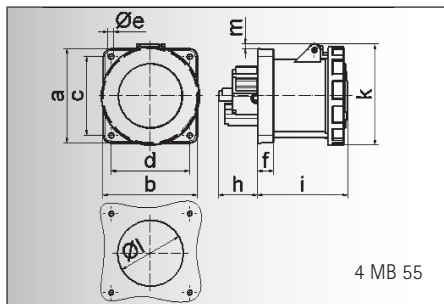
- screwless terminals
- Flange 107 x 100 mm
- high temperature resistant contact carrier
- nickel plated contacts
- Kontex-Plus
- box terminals
- protection degree IP 67



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
e Ø	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
l Ø	88,0	88,0	88,0
m	7,0	7,0	7,0
Cond. mm² min	6	6	6
Cond. mm² max	25	25	25

Panel mounting socket outlet

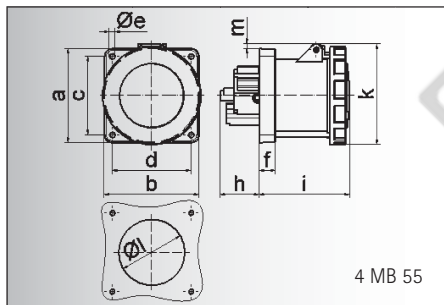
- screw terminals
- Flange 107 x 100 mm
- high temperature resistant contact carrier
- nickel plated contacts
- Kontex-Plus
- box terminals
- protection degree IP 67



Ampere	125	125	125
Poles	3	4	5
a	120,0	120,0	120,0
b	120,0	120,0	120,0
c	100,0	100,0	100,0
d	100,0	100,0	100,0
e Ø	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
l Ø	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

Panel mounting socket outlet

- screw terminals
- Flange 120 x 120 mm
- high temperature resistant contact carrier
- nickel plated contacts
- Kontex-Plus
- box terminals
- protection degree IP 67



Ampere	125	125	125
Poles	3	4	5
a	130,0	130,0	130,0
b	130,0	130,0	130,0
c	104,0	104,0	104,0
d	104,0	104,0	104,0
e Ø	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
l Ø	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

- screw terminals
- Flange 130 x 130 mm
- high temperature resistant contact carrier
- nickel plated contacts
- Kontex-Plus
- box terminals
- protection degree IP 67



63	4			<u>13 0131</u>				5	565
63	5			<u>13 0119</u>				5	610



63	3	<u>13 95</u>	<u>13 96</u>	<u>13 97</u>				5	535
63	4	13 98	13 99	<u>13 100</u>	13 101			5	595
63	5	<u>13 102</u>	13 103	<u>13 104</u>				5	640

With PILOT contact use indicated part.-no. and add index „P“.

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125	3	<u>13 445</u>	<u>13 452</u>					5	1030
125	4		13 449	<u>13 447</u>	13 448			5	1090
125	5			<u>13 451</u>				5	1195

With PILOT contact use indicated part.-no. and add index „P“.

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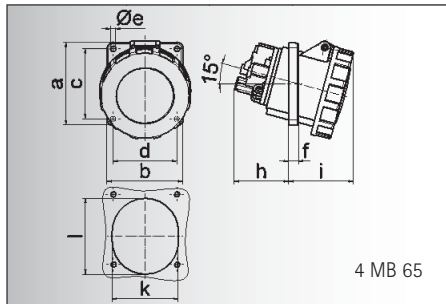


125	3		<u>13 434</u>					5	1100
125	4		13 442	<u>13 435</u>	13 515			5	1260
125	5			<u>13 436</u>				5	1380

With PILOT contact use indicated part.-no. and add index „P“.

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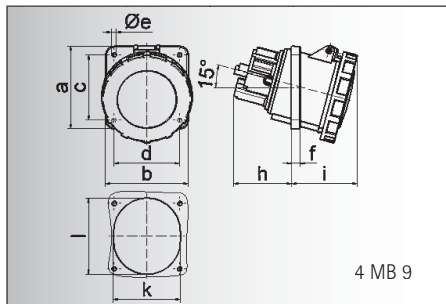
PANEL MOUNTING SOCKET OUTLETS, angled with screwless Quick-Connect technique or box terminals IEC 60309-1/2, EN 60309, VDE 0623 protection degree IP 67



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

Panel mounting socket outlet

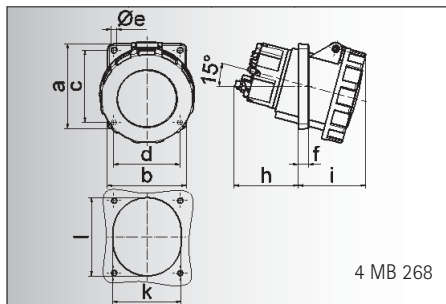
- screw terminals
- angled 15°
- Flange 100 x 92 mm
- high temperature resistant contact carrier
- nickel plated contacts
- Kontex-Plus
- box terminals
- protection degree IP 67



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
e Ø	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

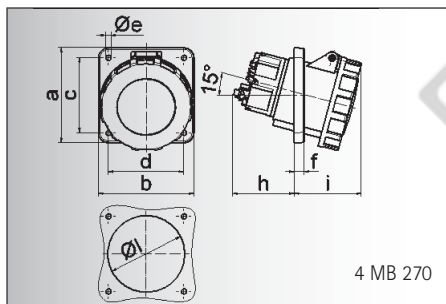
- screw terminals
- angled 15°
- Flange 114 x 114 mm
- high temperature resistant contact carrier
- nickel plated contacts
- Kontex-Plus
- box terminals
- protection degree IP 67



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

Panel mounting socket outlet Quick-Connect

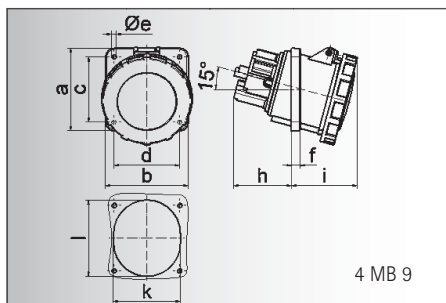
- screwless terminals
- angled 15°
- Flange 100 x 92 mm
- high temperature resistant contact carrier
- nickel plated contacts
- Kontex-Plus
- box terminals
- protection degree IP 67



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
e Ø	6,5	6,5
f	12,0	12,0
h	74,0	74,0
i	80,0	80,0
l Ø	92,0	92,0
Cond. mm² min	6	6
Cond. mm² max	25	25

Panel mounting socket outlet Quick-Connect

- screwless terminals
- angled 15°
- Flange 114 x 114 mm
- high temperature resistant contact carrier
- nickel plated contacts
- Kontex-Plus
- box terminals
- protection degree IP 67



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
e Ø	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

- screw terminals
- angled 15°
- Flange 114 x 114 mm
- high temperature resistant contact carrier
- nickel plated contacts
- Kontex-Plus
- box terminals
- protection degree IP 67



63	3		12 569					10	535
63	4		12 032	12 570	12 571			10	595
63	5	12 572	12 573	12 574				10	640

With PILOT contact use indicated part.-no. and add index „P“.

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63	3	12 000	12 001	12 002				5	560
63	4	12 003	12 05	12 00	12 03	12 035	12 233	5	620
63	5	12 004	12 06	12 9	12 039	12 389	12 171	5	665

With PILOT contact use indicated part.-no. and add index „P“.

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63	4			12 0320				10	565
63	5			12 0274				10	610

--	--	--	--	--	--	--	--	--	--

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63	4			12 0322				5	590
63	5			12 0307				5	635

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--



125	3	12 99	12 100	12 101				5	905
125	4	12 102	12 103	12 104	12 105	12 320	12 278	5	965
125	5	12 106	12 107	12 108	12 133	12 334	12 055	5	1070

With PILOT contact use indicated part.-no. and add index „P“.

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PLUGS, APPLIANCE INLETS AND PHASE INVERTERS

PLUGS, APPLIANCE INLETS AND PHASE INVERTERS

Plugs, Surface Mounting Appliance Inlets,
Panel Mounting Appliance Inlets and Appliance Inlets
with Flange, Phase Inverters

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Appliance Inlets
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Page 64, 65



Phase Inverter-
Plugs
Page 66



Phase Inverter-
Appliance Inlets
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Preferred scopes



Construction Industry



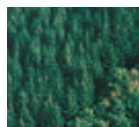
Camping site



Industry



Building Services



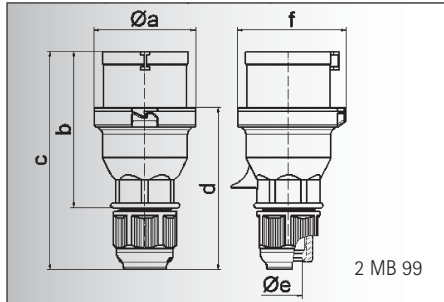
Farming



Harbour and Shipbuilding

PLUGS

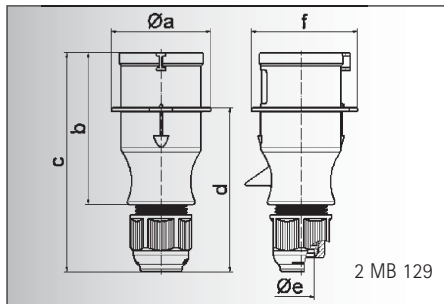
16A, 32A and 63A either screwless or screw terminals and fixing screws
IEC 60309-1/2, EN 60309, VDE 0623
protection degree IP 44



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

Plug Quick-Connect with Multi-Grip

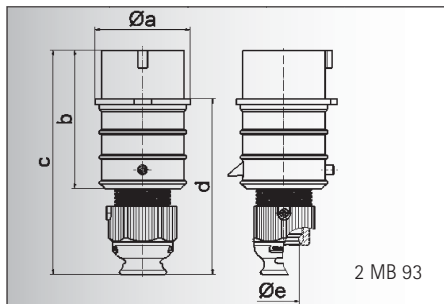
- screwless terminals
- screwless housing connection, self locking
- special gland, simultaneous cable gland and seal
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a Ø	54,0	60,0	66,0	71,0	71,0	80,0
b	94,5	98,0	101,0	115,0	115,0	119,0
c	138,0	142,0	145,0	170,0	170,0	174,0
d	101,5	105,5	108,5	124,0	124,0	128,0
e Ø	18,0	18,0	18,0	23,0	23,0	23,0
f	56,6	64,0	71,0	76,0	76,0	85,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Plug with Multi-Grip

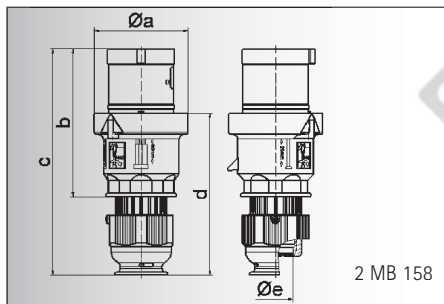
- screw terminals
- one piece housing
- special gland, simultaneous cable gland and seal
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a Ø	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
e Ø	18,0	18,0	21,0	23,0	23,0	27,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Plug TE-Plus with Multi-Grip

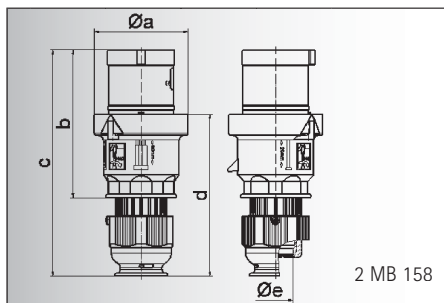
- screwless terminals
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 44



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

Plug TE-Plus with Multi-Grip

- screwless terminals
- screwless housing connection
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 44

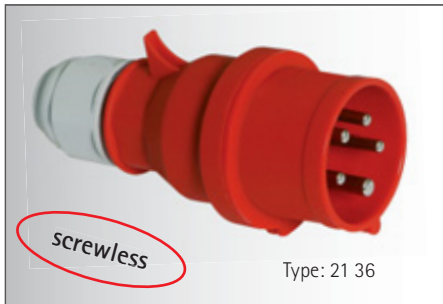


Ampere	63	63	63
Poles	3	4	5
a Ø	96,0	96,0	96,0
b	153,0	153,0	153,0
c	233,0	233,0	233,0
d	167,0	167,0	167,0
e Ø	36,0	36,0	36,0
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Plug TE with Multi-Grip

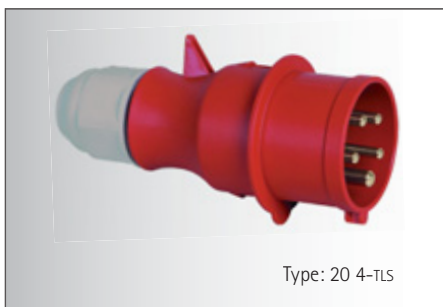
- screw terminals
- screwless housing connection
- box terminals
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 44

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



16	3	21 25	21 26																		10	135
16	4		21 29	21 30																	10	150
16	5		21 35	21 36																	10	165
32	3		21 38																		10	250
32	4		21 41	21 42																	10	270
32	5		21 47	21 48																	10	295

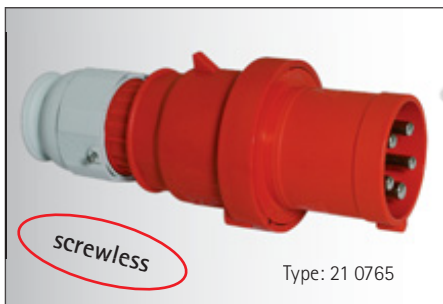
Other clock face positions on request.



16	3	21 000-TLS	21 001-TLS	21 002-TLS	21 071-TLS	21 257-TLS	21 244-TLS	10	135
16	4	21 003-TLS	21 004-TLS	21 005-TLS	21 006-TLS	21 007-TLS	21 008-TLS	10	149
16	5	21 009-TLS	21 010-TLS	20 3-TLS	21 037-TLS	21 056-TLS	21 145-TLS	10	170
32	3	21 012-TLS	21 013-TLS	21 014-TLS	21 219-TLS	21 354-TLS	21 328-TLS	10	220
32	4	21 015-TLS	21 016-TLS	21 017-TLS	21 018-TLS	21 019-TLS	21 020-TLS	10	240
32	5	21 021-TLS	21 022-TLS	20 4-TLS	21 011-TLS	21 247-TLS	21 160-TLS	10	270

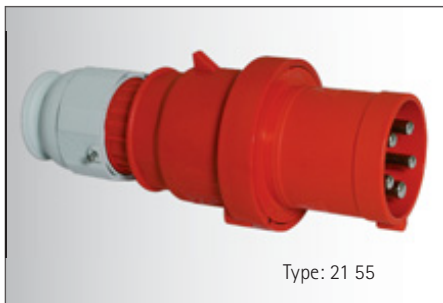


16	3	21 837	21 686	21 843	21 0169	21 0170	21 0171	10	150
16	4	21 872	21 839	21 687	21 688	21 847	21 849	10	170
16	5	21 0176	21 840	21 689	21 0178	21 0179	21 879	10	195
32	3	21 838	21 690	21 844	21 0184	21 0185	21 0186	10	265
32	4	21 873	21 841	21 691	21 692	21 848	21 850	10	280
32	5	21 0193	21 842	21 693	21 623	21 0197	21 885	10	330



63	4			21 0761	21 0763			5	700
63	5			21 0765				5	755

External cable gland please see page 244.

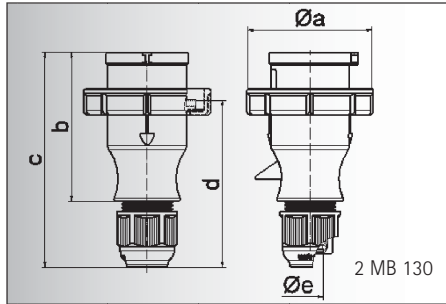


63	3	21 024	21 04	21 025	21 0030	21 531	21 624	5	610
63	4	21 49	21 50	21 51	21 52	21 300	21 526	5	680
63	5	21 53	21 54	21 55	21 167	21 663	21 419	5	735

External cable gland please see page 244.

PLUGS

16A, 32A, 63A and 125A either screwless or screw terminals
IEC 60309-1/2, EN 60309, VDE 0623
protection degree IP 67

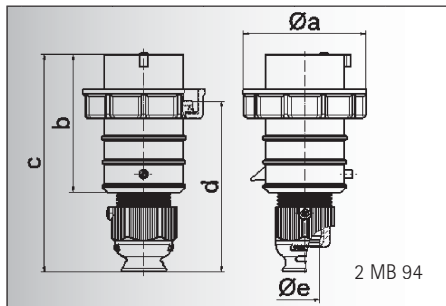


Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a Ø	70,0	78,0	86,0	94,0	94,0	101,0
b	94,5	98,0	101,0	115,0	115,0	119,0
c	138,0	142,0	145,0	170,0	170,0	174,0
d	105,5	109,5	112,5	128,0	128,0	132,0
e Ø	18,0	18,0	18,0	23,0	23,0	23,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Plug with Multi-Grip

- screw terminals
- one piece housing
- special gland, simultaneous cable gland and seal
- protection degree IP 67

Accessories:
closure cap see page 244/4

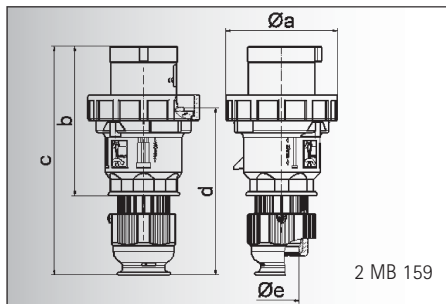


Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a Ø	70,0	78,0	86,0	94,0	94,0	101,0
b	95,0	95,0	97,0	118,0	118,0	117,0
c	145,0	145,0	152,0	178,0	178,0	181,0
d	111,0	111,0	119,0	136,0	136,0	138,5
e Ø	18,0	18,0	21,0	23,0	23,0	27,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Plug TE-Plus with Multi-Grip

- screwless terminals
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

Accessories:
closure cap see page 244/4

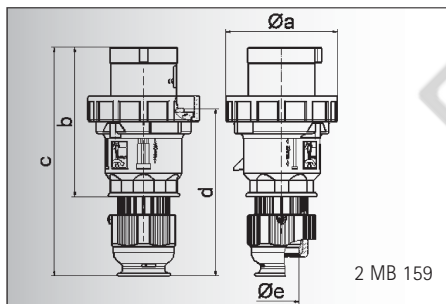


Ampere	63	63	63
Poles	3	4	5
a Ø	113,5	113,5	113,5
b	153,0	153,0	153,0
c	233,0	233,0	233,0
d	171,0	171,0	171,0
e Ø	36,0	36,0	36,0
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Plug TE with Multi-Grip

- screw terminals
- screwless housing connection
- box terminals
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

Accessories:
closure cap see page 244/4

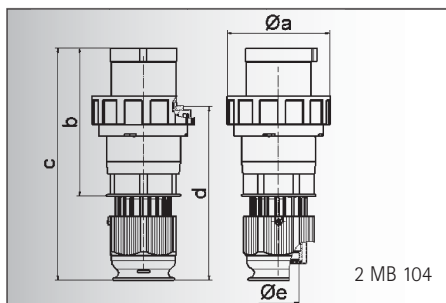


Ampere	63	63
Poles	4	5
a Ø	113,5	113,5
b	153,0	153,0
c	233,0	233,0
d	171,0	171,0
e Ø	36,0	36,0
Cond. mm² min	6	6
Cond. mm² max	16	16

Plug TE-Plus with Multi-Grip

- screwless terminals
- screwless housing connection
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

Accessories:
closure cap see page 244/4

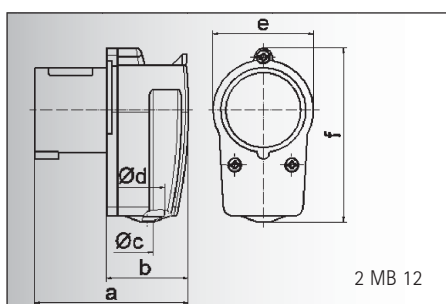


Ampere	125	125	125
Poles	3	4	5
a Ø	126,0	126,0	126,0
b	181,0	181,0	181,0
c	282,0	282,0	282,0
d	206,0	206,0	206,0
e Ø	50,0	50,0	50,0
Cond. mm² min	16	16	16
Cond. mm² max	50	50	50

Plug TE with Multi-Grip

- screw terminals
- screwless housing connection
- box terminals
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

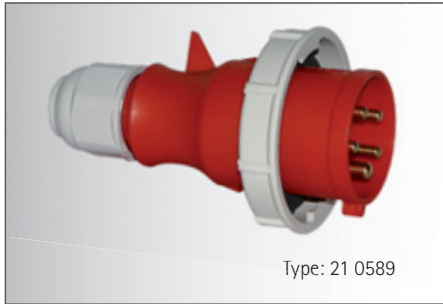
Accessories:
closure cap see page 244/4



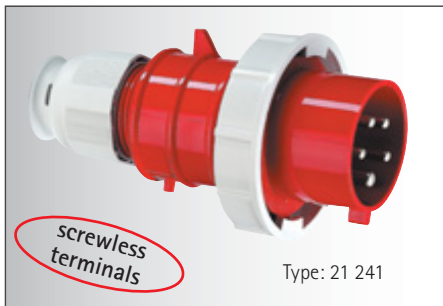
Ampere	16	16	16	32
Poles	3	4	5	5
a	80,0	85,0	96,0	116,0
b	44,0	49,0	59,0	70,0
c Ø	6,5	6,5	8,0	10,0
d Ø	18,0	18,0	18,0	25,0
e	51,0	57,0	64,0	-
f	90,0	95,0	74,0	101,0
Cond. mm² min	1	1	1	2,5
Cond. mm² max	2,5	2,5	2,5	6

Angled Plug

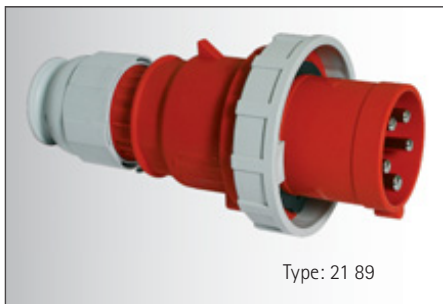
- screw terminals
- with short sleeve
- protection degree IP 44



16	3	21 0575	21 0576	21 0577				10	155
16	4	21 0581	21 0582	21 0583	21 0584			10	170
16	5	21 0587	21 0588	21 0589				10	170
32	3	21 0593	21 0594	21 0595				10	243
32	4	21 0599	21 0600	21 0601				10	255
32	5	21 0605	21 0606	21 0607				10	305

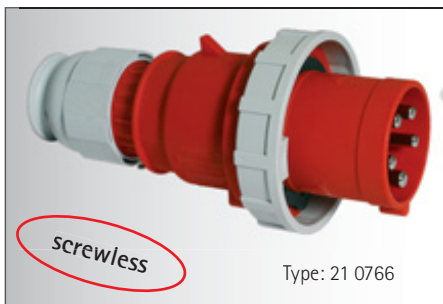


16	3	21 237	21 238	21 402	21 487	21 453	21 558	10	175
16	4	21 403	21 250	21 349	21 350	21 404	21 405	10	200
16	5	21 406	21 407	21 239	21 754	21 564	21 533	10	235
32	3	21 408	21 240	21 409	21 486	21 545	21 0222	10	310
32	4	21 410	21 251	21 351	21 352	21 411	21 412	10	335
32	5	21 413	21 414	21 241	21 282	21 484	21 0234	10	385



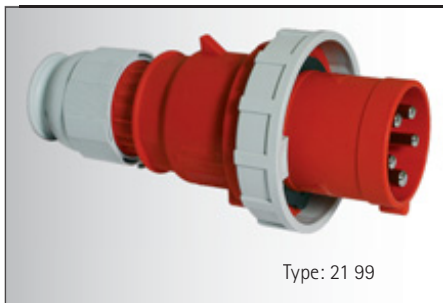
63	3	21 80	21 81	21 82	21 330			5	685
63	4	21 83	21 84	21 85	21 86	21 154	21 375	5	740
63	5	21 87	21 88	21 89	21 060	21 645	21 163	5	800

External cable gland please see page 244.



63	4			21 0762	21 0764			5	750
63	5			21 0766				5	810

External cable gland please see page 244.



125	3	21 90	21 91	21 92				5	1105
125	4	21 93	21 94	21 95	21 96	21 607	21 155	5	1210
125	5	21 97	21 98	21 99	21 555	21 851	21 156	5	1325

External cable gland please see page 244.

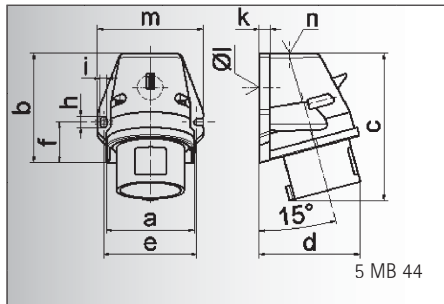


16	3	23 0	23 1	23 2	23 8		23 03	10	150
16	4	23 3	23 4	23 5	23 9		23 7	10	170
16	5			23 6				10	175
32	5			23 00				10	280

SURFACE MOUNTING APPLIANCE INLETS

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

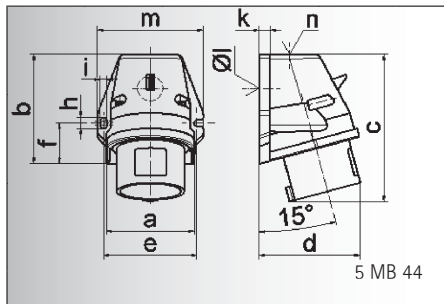
protection degree IP 67



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	59,5	72,4	72,4	79,1	79,1	79,1
b	90,0	90,0	90,0	92,0	92,0	92,0
c	120,0	120,0	122,0	134,0	134,0	134,0
d	72,0	84,0	84,0	89,0	89,0	89,0
e	62,0	77,0	77,0	84,0	84,0	84,0
f	33,5	33,5	33,5	30,0	30,0	30,0
h	9,0	9,0	9,0	9,0	9,0	9,0
i	5,5	5,5	5,5	5,5	5,5	5,5
k	8,0	9,0	9,0	9,0	9,0	9,0
l ø	21,0	21,0	21,0	21,0	21,0	21,0
m	72,0	87,0	87,0	94,0	94,0	94,0
n	M 20	M 25	M 25	M 25	M 25	M 25
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Surface Mounting Appliance Inlet Quick-Connect

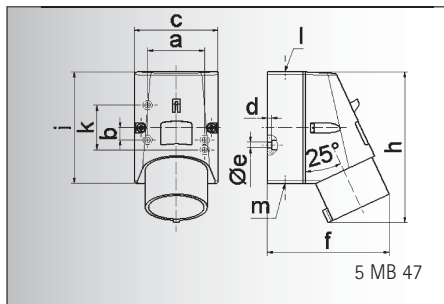
- screwless terminals
- cable entry one at top (open) one at bottom (closed)
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	59,5	72,4	72,4	79,1	79,1	79,1
b	90,0	90,0	90,0	92,0	92,0	92,0
c	120,0	120,0	122,0	134,0	134,0	134,0
d	72,0	84,0	84,0	89,0	89,0	89,0
e	62,0	77,0	77,0	84,0	84,0	84,0
f	33,5	33,5	33,5	30,0	30,0	30,0
h	9,0	9,0	9,0	9,0	9,0	9,0
i	5,5	5,5	5,5	5,5	5,5	5,5
k	8,0	9,0	9,0	9,0	9,0	9,0
l ø	21,0	21,0	21,0	21,0	21,0	21,0
m	72,0	87,0	87,0	94,0	94,0	94,0
n	M 20	M 25	M 25	M 25	M 25	M 25
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Surface Mounting Appliance Inlet

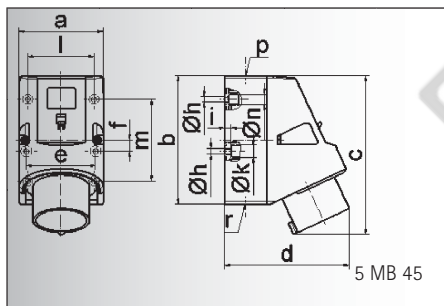
- screw terminals
- cable entry one at top (open) one at bottom (closed)
- protection degree IP 44



Ampere	16	16	16
Poles	3	4	5
a	51,0	59,0	59,0
b	-	11,0	11,0
c	64,0	75,0	75,0
d	4,0	4,0	4,0
e ø	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	M 20	M 20	M 20
m	for M 20	for M 20	for M 20
Cond. mm² min	1	1	1
Cond. mm² max	2,5	2,5	2,5

Surface Mounting Appliance Inlet

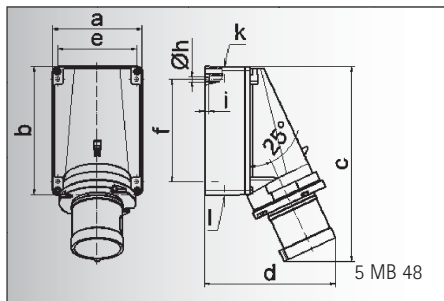
- screw terminals
- cable entry one at top (open) one at bottom and one rearward (closed)
- protection degree IP 44



Ampere	16	32	32	32
Poles	5	3	4	5
a	83,0	83,0	83,0	83,0
b	126,0	126,0	126,0	126,0
c	155,5	165,0	165,0	166,0
d	122,0	128,0	128,0	130,0
e	68,0	68,0	68,0	68,0
f	11,0	11,0	11,0	11,0
h ø	5,5	5,5	5,5	5,5
i	6,5	6,5	6,5	6,5
k ø	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
n ø	10	10,0	10,0	10,0
p	M 25	M 25	M 25	M 25
r	2xM 25	2xM 25	2xM 25	2xM 25
Cond. mm² min	1	2,5	2,5	2,5
Cond. mm² max	2,5	6	6	6

Surface Mounting Appliance Inlet Quick-Connect TE

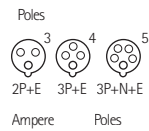
- screwless terminals
- high temperature resistant contact carrier
- nickel plated contacts
- cable entry one at top (open), two at bottom (closed.)
- base of housing can rotate 180°
- 4 internal fixing holes
- suitable for through wiring
- protection degree IP 44



Ampere	63	63	63
Poles	3	4	5
a	118,0	118,0	118,0
b	170,0	170,0	170,0
c	259,0	259,0	259,0
d	174,0	174,0	174,0
e	104,0	104,0	104,0
f	136,0	136,0	136,0
h ø	6,1	6,1	6,1
i	6,0	6,0	6,0
k	M 40	M 40	M 40
l	M 32/32	M 32/32	M 32/32
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Surface Mounting Appliance Inlet

- screw terminals
- cable entry one at top (open) and two at bottom (closed)
- base of housing can rotate 180°
- protection degree IP 44



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

100-300Hz
> 50V

3pol 4pol 5pol
10h 10h 10h

301-500Hz
> 50V

3pol 4pol 5pol
2h 2h 2h

Qty 9 each



16	3	24 422	24 423					10	170
16	4	24 398	24 393	24 392	24 539			10	210
16	5	24 399	24 400	24 2001				10	230
32	3	24 401	24 402					10	275
32	4	24 403	24 404	24 405	24 540			10	295
32	5	24 406	24 407	24 2002				10	315



16	3	24 48	24 0					10	170
16	4	24 363	24 364	24 329				10	210
16	5	24 365	24 366	24 142				10	230
32	3	24 367	24 331					10	275
32	4	24 368	24 369	24 330				10	295
32	5	24 370	24 207	24 143				10	315



16	3	24 4	24 5	24 6		24 074		10	190
16	4	24 7	24 8	24 9	24 10	24 11	24 12	10	245
16	5	24 13	24 14	24 15	24 98	24 166	24 03	10	270



16	5			24 362				10	330
32	3	24 408	24 409					10	360
32	4		24 410	24 411	24 412			10	380
32	5		24 551	24 413				10	415



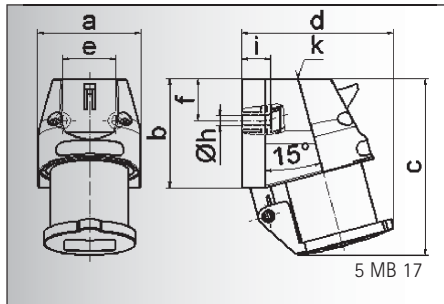
63	3		24 336					5	815
63	4		24 337	24 338	24 339			5	960
63	5			24 134				5	1015

SURFACE MOUNTING APPLIANCE INLETS

screw or screwless terminals, with hinged lid or closure cap

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

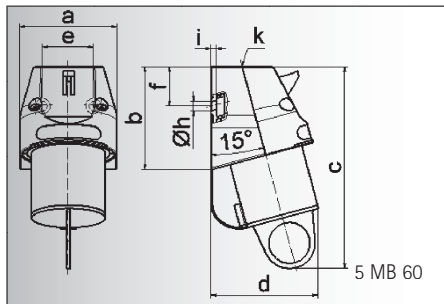
protection degree IP 44



Ampere	16
Poles	3
a	56,5
b	60,0
c	97,5
d	84,0
e	29,5
f	23,0
h Ø	5,5
i	16,0
k	M 20
Cond. mm² min	1
Cond. mm² max	2,5

Surface Mounting Appliance Inlet

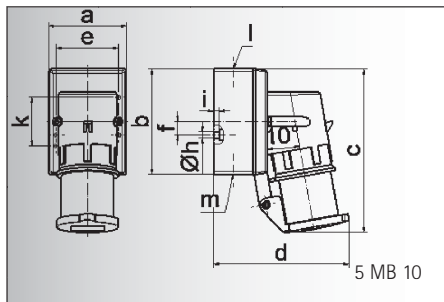
- screw terminals
- with hinged lid
- protection degree IP 44



Ampere	16
Poles	3
a	56,5
b	60,0
c	118,0
d	63,0
e	29,5
f	23,0
h Ø	5,5
i	3,0
k	M 20
Cond. mm² min	1
Cond. mm² max	2,5

Surface Mounting Appliance Inlet

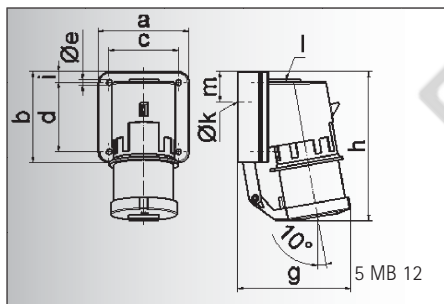
- screw terminals
- with closure cap
- protection degree IP 44



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
h Ø	4,1	5,1
i	4,5	4,5
k	40,0	-
l	M 20	M 20
m	for M 20	for M 20
Cond. mm² min	1	1
Cond. mm² max	2,5	2,5

Surface Mounting Appliance Inlet

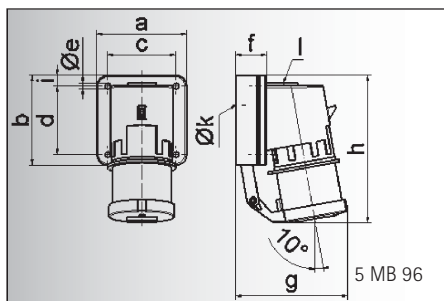
- screw terminals
- with hinged lid
- protection degree IP 44



Ampere	16	32	32	32
Poles	5	3	4	5
a	84,0	90,0	90,0	90,0
b	84,0	75,0	75,0	75,0
c	64,0	78,0	78,0	78,0
d	64,0	45,0	45,0	45,0
e Ø	5,5	5,5	5,5	5,5
g	105,0	114,0	114,0	115,0
h	138,0	149,0	149,0	150,0
i	10,0	13,0	13,0	13,0
k Ø	23,0	29,0	29,0	29,0
l	M 20	M 25	M 25	M 25
m	28,0	27,0	27,0	27,0
Cond. mm² min	1	2,5	2,5	2,5
Cond. mm² max	2,5	6	6	6

Surface Mounting Appliance Inlet

- screw terminals
- with hinged lid
- protection degree IP 44



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
e Ø	5,5	5,5
f	29,0	29,0
g	105,0	115,0
h	138,0	150,0
i	10,0	13,0
k Ø	23,0	29,0
l	M 20	M 25
Cond. mm² min	1	2,5
Cond. mm² max	2,5	6

Surface Mounting Appliance Inlet Quick-Connect TE

- screwless terminals
- with hinged lid
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44



Type: 24 2

16	3		24 2					10	170



Type: 24 00

16	3		24 00					10	140



Type: 24 65

16	3	24 60	24 61	24 62				10	220
16	4	24 63	24 64	24 65	24 66	24 67	24 68	10	305



Type: 24 012

16	5	24 69	24 70	24 71				10	305
32	3	24 335	24 017					10	335
32	4			24 018	24 019			10	350
32	5			24 012				10	380



Type: 24 415

screwless terminals

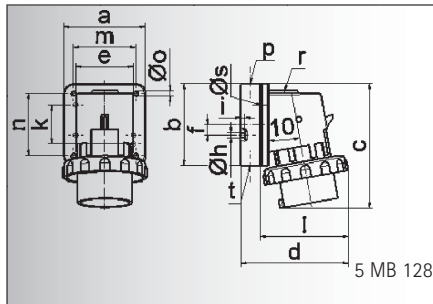
16	5			24 414				10	320
32	5			24 415				10	410

SURFACE MOUNTING APPLIANCE INLETS

also available with screwless Quick-Connect technique

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

protection degree IP 67

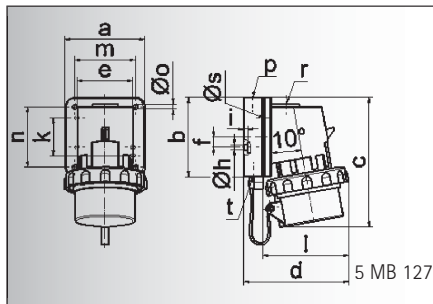


Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	64,0	75,0	84,0	90,0	90,0	90,0
b	87,0	100,0	84,0	90,0	90,0	90,0
c	137,0	151,0	136,0	138,0	138,0	139,0
d	112,0	119,0	-	122,0	122,0	123,0
e	51,0	59,0	-	-	-	-
f	-	11,0	-	-	-	-
h ø	4,1	5,1	-	-	-	-
i	4,5	4,5	-	-	-	-
k	40,0	-	-	-	-	-
l	-	-	111,0	-	-	-
m	-	-	64,0	78,0	78,0	78,0
n	-	-	64,0	45,0	45,0	45,0
o ø	-	-	5,5	5,5	5,5	5,5
p	M 20	M 20	-	-	-	-
r	-	-	M 20	M 25	M 25	M 25
s ø	-	-	23,0	29,0	29,0	29,0
t	for M 20	for M 20	-	-	-	-

Surface Mounting Appliance Inlet

- screw terminals
- nickel plated contacts
- terminal for cond. from 1 mm² up to 2,5 mm² at 16A
- terminal for cond. from 2,5 mm² up to 6 mm² at 32A
- protection degree IP 67

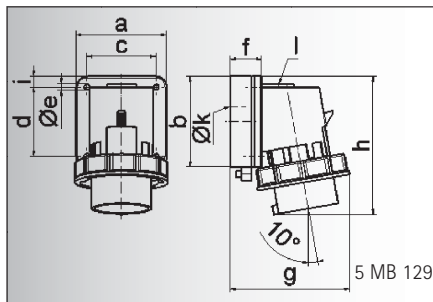
Accessories:
closure cap see page 244/4



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	64,0	75,0	84,0	90,0	90,0	90,0
b	87,0	100,0	84,0	90,0	90,0	90,0
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	-	-	-	-
h ø	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
o ø	-	-	5,5	5,5	5,5	5,5
p	M 20	M 20	-	-	-	-
r	-	-	M 20	M 25	M 25	M 25
s ø	-	-	23,0	29,0	29,0	29,0
t	for M 20	for M 20	-	-	-	-

Surface Mounting Appliance Inlet

- screw terminals
- with closure cap
- nickel plated contacts
- terminal for cond. from 1 mm² up to 2,5 mm² at 16A
- terminal for cond. from 2,5 mm² up to 6 mm² at 32A
- protection degree IP 67

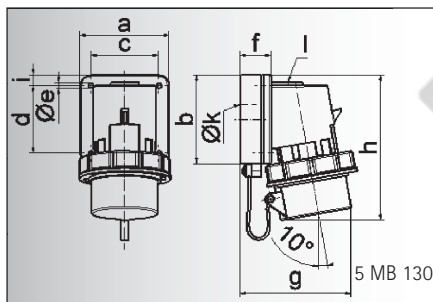


Ampere	16	32
Poles	5	5
a	84,0	90,0
b	84,0	75,0
c	64,0	78,0
d	64,0	45,0
e ø	5,5	5,5
f	28,0	28,0
g	111,0	123,0
h	136,0	139,0
i	10,0	13,0
k ø	23,0	29,0
l	M 20	M 25

Surface Mounting Appliance Inlet Quick-Connect TE

- screwless terminals
- nickel plated contacts
- terminal for cond. from 1 mm² up to 2,5 mm² at 16A
- terminal for cond. from 2,5 mm² up to 6 mm² at 32A
- protection degree IP 67

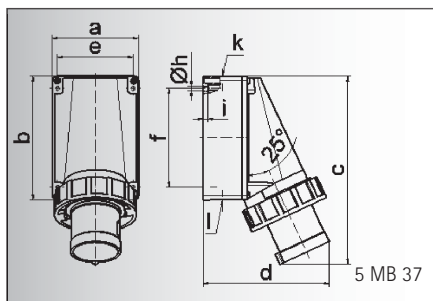
Accessories:
closure cap see page 244/4

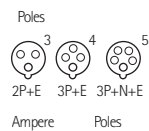


Ampere	16	32
Poles	5	5
a	84,0	90,0
b	84,0	75,0
c	64,0	78,0
d	64,0	45,0
e ø	5,5	5,5
f	28,0	28,0
g	111,0	123,0
h	137,0	148,0
i	10,0	13,0
k ø	23,0	29,0
l	M 20	M 25

Surface Mounting Appliance Inlet Quick-Connect TE

- screwless terminals
- with closure cap
- nickel plated contacts
- terminal for cond. from 1 mm² up to 2,5 mm² at 16A
- terminal for cond. from 2,5 mm² up to 6 mm² at 32A
- protection degree IP 67





110V
50-60 Hz

230V
50-60 Hz

400V
50-60 Hz

500V
50-60 Hz

100-300Hz
> 50V

301-500Hz
> 50V

Qty 9 each



16	3	24 72	24 73	24 74				10	250
16	4	24 75	24 76	24 77	24 78	24 79	24 80	10	285
16	5	24 81	24 82	24 83	24 114			10	355
32	3	24 154	24 020					10	325
32	4		24 101	24 021	24 022			10	340
32	5			24 02	24 079			10	370



16	3	24 84	24 85	24 86				10	310
16	4	24 87	24 88	24 89	24 90	24 91	24 92	10	350
16	5	24 93	24 94	24 95				10	420
32	3	24 216	24 023					10	380
32	4			24 024	24 025			10	395
32	5			24 013	24 089	24 078		10	425



16	5			24 416				10	355
32	5			24 418				10	485



16	5			24 258				10	420
32	5			24 419				10	555



63	3	24 140	24 340	24 145				5	880
63	4	24 232	24 341	24 035	24 342			5	1035
63	5			24 062		24 320		5	1140

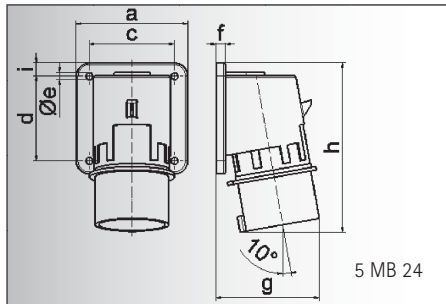


125	3	24 197	24 198	24 220				1	1860
125	4	24 221	24 199	24 200	24 201			1	2180
125	5	24 222		24 202			24 279	1	2310

PANEL MOUNTING APPLIANCE INLETS

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

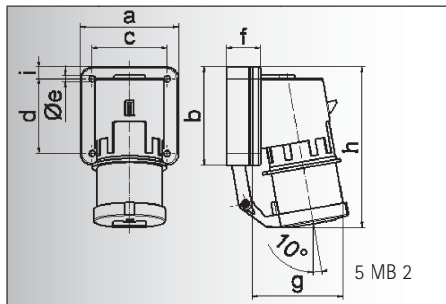
protection degree IP 44, IP 67



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

Panel Mounting Appliance Inlet

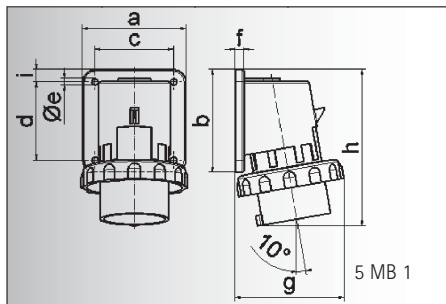
- screw terminals
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	74,0	75,0	84,0	90,0	90,0	90,0
b	84,0	100,0	84,0	75,0	75,0	75,0
c	58,0	62,0	64,0	78,0	78,0	78,0
d	64,0	74,0	64,0	45,0	45,0	45,0
e Ø	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

Panel Mounting Appliance Inlet

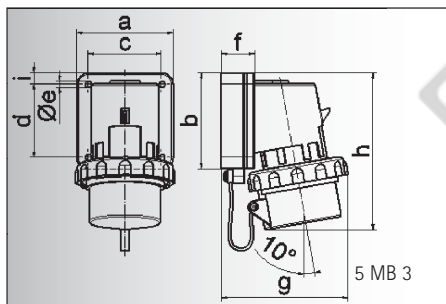
- screw terminals
- with hinged lid
- protection degree IP 44



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

Panel Mounting Appliance Inlet

- screw terminals
- nickel plated contacts
- protection degree IP 67

 Accessories:
 closure cap see page 244/4


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

Panel Mounting Appliance Inlet

- screw terminals
- with closure cap
- nickel plated contacts
- protection degree IP 67

Poles			110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	100-300Hz > 50V	301-500Hz > 50V	Qty	
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	10	9 each



16	3	26 0	26 1	26 2					10	165
16	4	26 3	26 4	26 5	26 6	26 7	26 8		10	180
16	5	26 10	26 11	26 12	26 49		26 036		10	200
32	3		26 62						10	220
32	4	26 026	26 84	26 63	26 64	26 79	26 028		10	235
32	5	26 023	26 030	26 00	26 065		26 029		10	265



16	3	26 25	26 26	26 27					10	185
16	4	26 28	26 29	26 30	26 31	26 32	26 33		10	200
16	5	26 34	26 35	26 36	26 71				10	330
32	3		26 56						10	350
32	4		26 85	26 57	26 58				10	370
32	5	26 015		26 55					10	390



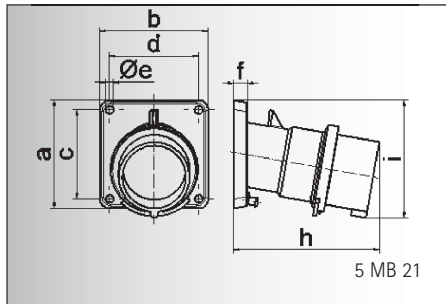
16	3	26 13	26 14	26 15					10	185
16	4	26 16	26 17	26 18	26 19	26 20	26 21		10	220
16	5	26 22	26 23	26 24	26 50				10	225
32	3	26 033	26 65						10	265
32	4		26 94	26 66	26 67				10	280
32	5			26 01					10	310



16	3	26 37	26 38	26 39					10	210
16	4	26 40	26 41	26 42	26 43	26 44	26 45		10	380
16	5	26 46	26 47	26 48					10	400
32	3		26 59						10	375
32	4			26 60	26 61				10	390
32	5			26 04					10	420

APPLIANCE INLETS WITH FLANGE

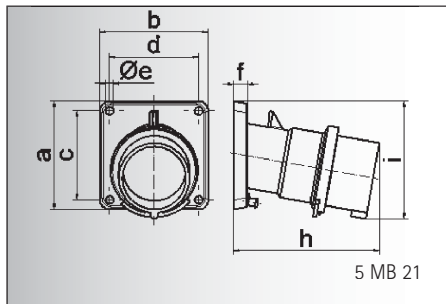
16A and 32A also available with screwless Quick-Connect technique
 IEC 60309-1/2, EN 60309, VDE 0623
 protection degree IP 44, IP 67



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

Appliance Inlet with Flange Quick-Connect TE

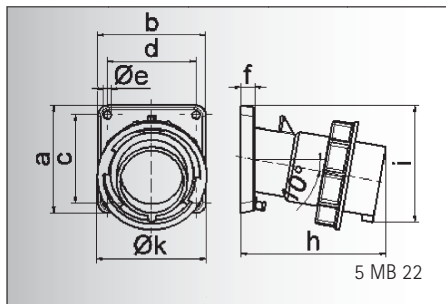
- screwless terminals
- angled 10°
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44



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
e Ø	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

Appliance Inlet with Flange TE

- screw terminals
- angled 10°
- box terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44



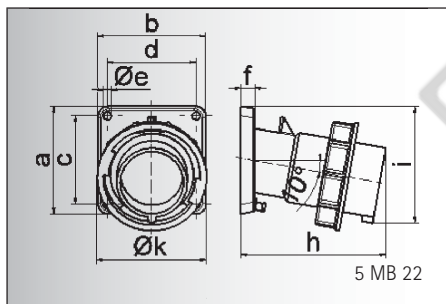
Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e Ø	6,3	6,3	6,3	6,3	6,3	6,3
f	11,0	11,0	11,0	11,0	11,0	11,0
h	104,0	110,0	116,0	121,0	121,0	127,0
i	83,0	90,0	92,0	96,0	96,0	100,0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

Appliance Inlet with Flange Quick-Connect TE

- screwless terminals
- angled 10°
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

Accessories:

closure cap see page 244/4



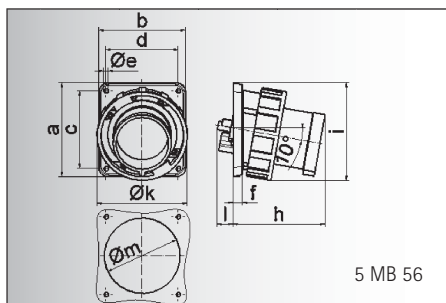
Ampere	63	63	63
Poles	3	4	5
a	107,0	107,0	107,0
b	100,0	100,0	100,0
c	85,0	85,0	85,0
d	77,0	77,0	77,0
e Ø	6,5	6,5	6,5
f	12,0	12,0	12,0
h	155,0	155,0	155,0
i	118,0	118,0	118,0
k	113,5	113,5	113,5
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Appliance Inlet with Flange TE

- screw terminals
- angled 10°
- box terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

Accessories:

closure cap see page 244/4



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
e Ø	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
m Ø	105,0	105,0	105,0
Cond. mm² min	16	16	16
Cond. mm² max	50	50	50

Appliance Inlet with Flange TE

- screw terminals
- angled 10°
- box terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

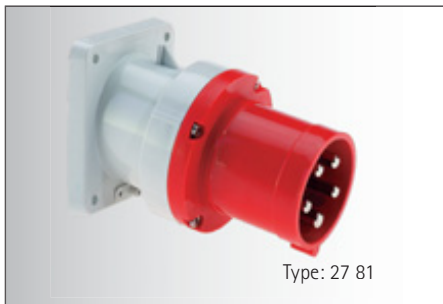
Accessories:

closure cap see page 244/4

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



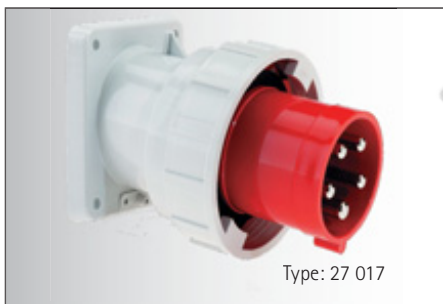
16	3	27 209	27 121	27 210				10	140
16	4	27 211	27 207	27 122	27 212	27 213	27 214	10	215
16	5	27 215	27 216	27 124	27 217			10	240
32	3	27 218	27 219	27 220				10	275
32	4	27 221	27 222	27 223	27 224	27 225	27 226	10	290
32	5	27 247	27 248	27 249				10	315



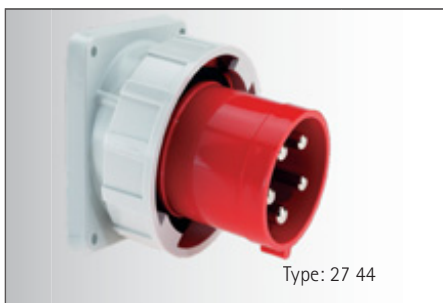
63	3	27 70	27 71	27 72				10	550
63	4	27 73	27 74	27 75	27 76	27 77	27 78	10	620
63	5	27 79	27 80	27 81				10	675



16	3	27 227	27 83	27 228				10	215
16	4	27 229	27 86	27 87	27 230	27 231	27 232	10	245
16	5	27 233	27 234	27 93	27 278			10	275
32	3	27 235	27 236	27 237				10	330
32	4	27 238	27 239	27 240	27 241	27 242	27 243	10	350
32	5	27 244	27 245	27 246				10	400



63	3	27 006	27 007	27 008				5	615
63	4	27 009	27 010	27 011	27 012	27 013	27 014	5	685
63	5	27 015	27 016	27 017				5	740

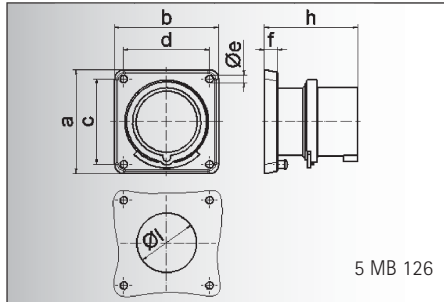


125	3	27 35	27 36	27 37				5	1050
125	4	27 38	27 39	27 40	27 41	27 252	27 023	5	1140
125	5	27 42	27 43	27 44	27 024			5	1265

APPLIANCE INLETS WITH FLANGE

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

protection degree IP 44, IP 67

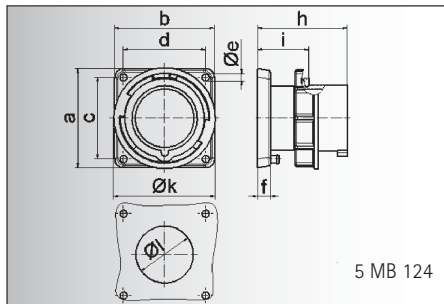


Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e ø	6,3	6,3	6,3	6,3	6,3	6,3
f	11,0	11,0	11,0	11,0	11,0	11,0
h	75,5	75,0	76,5	85,0	85,0	85,0
l ø	49,0	49,0	49,0	49,0	49,0	49,0
Cond.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

Appliance Inlet with Flange

- screw terminals
- straight
- protection degree IP 44

(A retaining nose is requested in use)



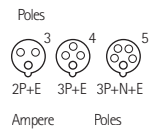
Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e ø	6,3	6,3	6,3	6,3	6,3	6,3
f	11,0	11,0	11,0	11,0	11,0	11,0
h	75,5	75,0	76,5	85,0	85,0	85,0
i	44,0	44,0	44,0	44,0	44,0	44,0
k	70,5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

Appliance Inlet with Flange

- screw terminals
- straight
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

(A retaining nose is requested in use)

Accessories:
closure cap see page 244/4



110V
50-60 Hz

230V
50-60 Hz

400V
50-60 Hz

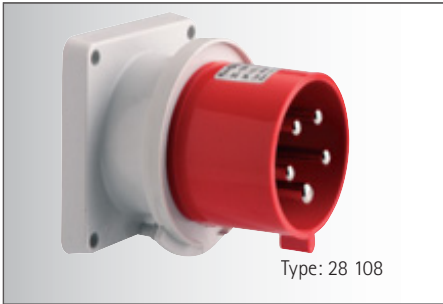
500V
50-60 Hz

100-300Hz
> 50V

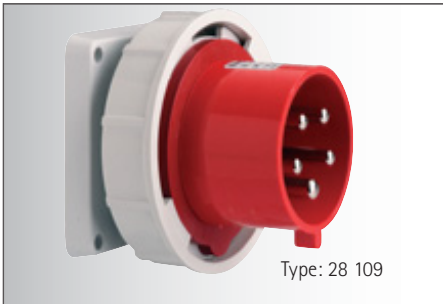
301-500Hz
> 50V



9
each



16	3		28 98					10	210
16	4			28 100				10	225
16	5			28 102				10	230
32	3		28 104					10	230
32	4			28 106				10	255
32	5			28 108				10	275



16	3		28 99					10	230
16	4			28 101				10	250
16	5			28 103				10	265
32	3		28 105					10	270
32	4			28 107				10	295
32	5			28 109				10	315

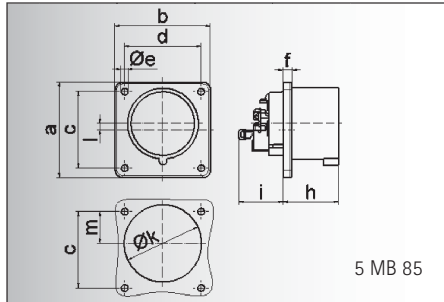
FONLEE
豐立自動控制器材有限公司
www.FONLEE.COM.TW

APPLIANCE INLETS WITH FLANGE straight

16A and 32A also available with screwless Quick-Connect technique

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

protection degree IP 44, IP 67



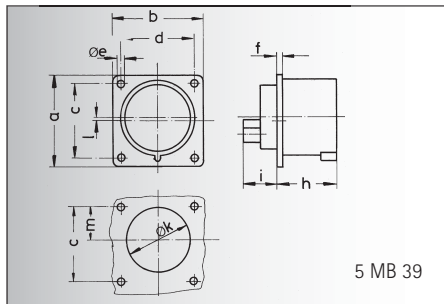
5 MB 85

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
e Ø	5,5	5,5	5,5	5,5	5,5	5,5
f	7,0	7,0	7,0	7,0	7,0	7,0
h	43,0	43,0	43,0	53,0	53,0	53,0
i	39,0	39,0	39,0	50,0	50,0	50,0
k Ø	42,0	48,0	61,0	57,0	57,0	60,0
l	-	-	5,0	2,0	2,0	-
m	30,0	30,0	25,0	28,0	28,0	30,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Appliance Inlet with Flange Quick-Connect

- screwless terminals
- Flange 75 x 75 mm
- protection degree IP 44

(A retaining nose is requested in use)



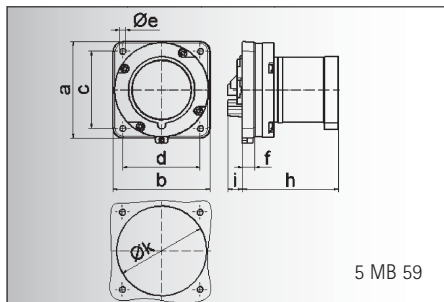
5 MB 39

Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
e Ø	5,5	5,5	5,5	5,5	5,5	5,5
f	7,0	7,0	7,0	7,0	7,0	7,0
h	43,0	43,0	43,0	53,0	53,0	53,0
i	24,0	24,0	24,0	30,0	30,0	30,0
k Ø	42,0	48,0	61,0	57,0	57,0	60,0
l	-	-	5,0	2,0	2,0	-
m	30,0	30,0	25,0	28,0	28,0	30,0
Cond. mm² min	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max	4	4	4	10	10	10

Appliance Inlet with Flange

- screw terminals
- Flange 75 x 75 mm
- protection degree IP 44

(A retaining nose is requested in use)



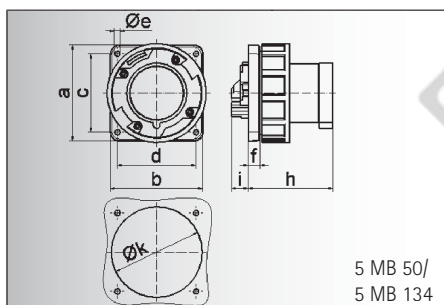
5 MB 59

Ampere	63	63	63	63	63	63
Poles	3	4	5	3	4	5
a	110,0	110,0	110,0	100,0	100,0	100,0
b	106,0	106,0	106,0	100,0	100,0	100,0
c	90,0	90,0	90,0	80,0	80,0	80,0
d	90,0	90,0	90,0	80,0	80,0	80,0
e Ø	5,5	5,5	5,5	5,5	5,5	5,5
f	13,0	13,0	13,0	13,0	13,0	13,0
h	96,0	96,0	96,0	96,0	96,0	96,0
i	19,0	19,0	19,0	19,0	19,0	19,0
k	93,0	93,0	93,0	93,0	93,0	93,0
Cond. mm² min	6	6	6	6	6	6
Cond. mm² max	16	16	16	16	16	16

Appliance Inlet with Flange TE

- screw terminals
- box terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44

(A retaining nose is requested in use)



5 MB 50/
5 MB 134

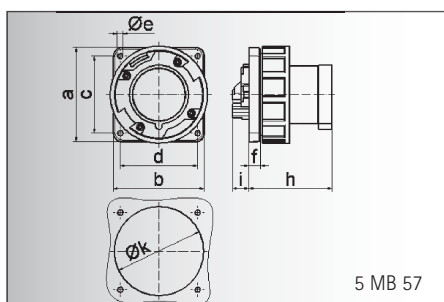
Ampere	63	63	63	63	63	63
Poles	3	4	5	3	4	5
a	110,0	110,0	110,0	100,0	100,0	100,0
b	106,0	106,0	106,0	100,0	100,0	100,0
c	90,0	90,0	90,0	80,0	80,0	80,0
d	90,0	90,0	90,0	80,0	80,0	80,0
e Ø	5,5	5,5	5,5	5,5	5,5	5,5
f	13,0	13,0	13,0	13,0	13,0	13,0
h	96,0	96,0	96,0	96,0	96,0	96,0
i	19,0	19,0	19,0	19,0	19,0	19,0
k	93,0	93,0	93,0	93,0	93,0	93,0
Cond. mm² min	6	6	6	6	6	6
Cond. mm² max	16	16	16	16	16	16

Appliance Inlet with Flange TE

- screw terminals
- box terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

(A retaining nose is requested in use)

Accessories:
closure cap see page 244/4



5 MB 57

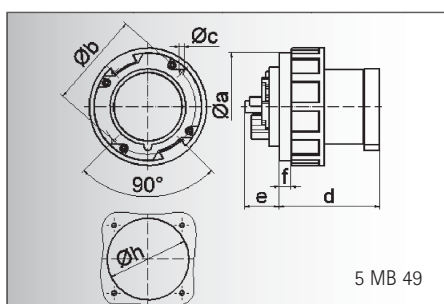
Ampere	125	125	125
Poles	3	4	5
a	120,0	120,0	120,0
b	120,0	120,0	120,0
c	100,0	100,0	100,0
d	100,0	100,0	100,0
e Ø	6,5	6,5	6,5
f	13,0	13,0	13,0
h	116,0	116,0	116,0
i	20,0	20,0	20,0
k	104,0	104,0	104,0
Cond. mm² min	16	16	16
Cond. mm² max	50	50	50

Appliance Inlet with Flange TE

- screw terminals
- Flange 120 x 120 mm
- box terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

(A retaining nose is requested in use)

Accessories:
closure cap see page 244/4



5 MB 49

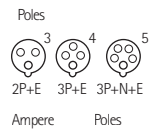
Ampere	125	125	125
Poles	3	4	5
a	115,0	115,0	115,0
b Ø	102,0	102,0	102,0
c	5,2	5,2	5,2
d	108,0	108,0	108,0
e	37,0	37,0	37,0
f	13,0	13,0	13,0
h	87,0	87,0	87,0
Cond. mm² min	16	16	16
Cond. mm² max	50	50	50

Appliance Inlet with Flange TE

- screw terminals
- box terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

(A retaining nose is requested in use)

Accessories:
closure cap see page 244/4



110V
50-60 Hz

230V
50-60 Hz

400V
50-60 Hz

500V
50-60 Hz

100-300Hz
> 50V

301-500Hz
> 50V

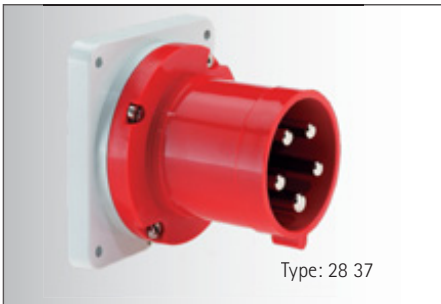
Qty 9 each



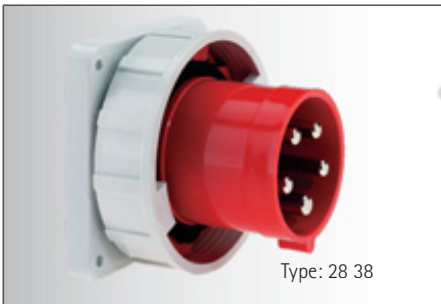
16	3	28 001	28 111				28 002	10	120
16	4	28 003	28 017	28 112	28 004		28 005	10	130
16	5		28 006	28 2001			28 008	10	135
32	3	28 009	28 010					10	180
32	4		28 011	28 012	28 013			10	205
32	5	28 014	28 015	28 2002				10	240



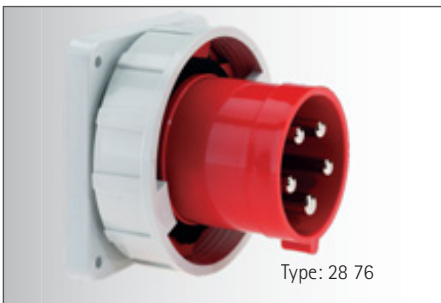
16	3	28 26	28 17				28 77	10	120
16	4	28 73	28 040	28 31				10	130
16	5		28 55	2814	28 52		28 54	10	135
32	3	28 08	28 27					10	180
32	4		28 28	28 30				10	205
32	5	28 49	28 48	28 15	28 74			10	240



63	3	28 80	28 34			28 69		5	485
63	4		28 41	28 33	28 64			5	550
63	5			28 37	28 58			5	610
63	3	28 05	28 175					5	480
63	4			28 32	28 179			5	545
63	5			28 052				5	605



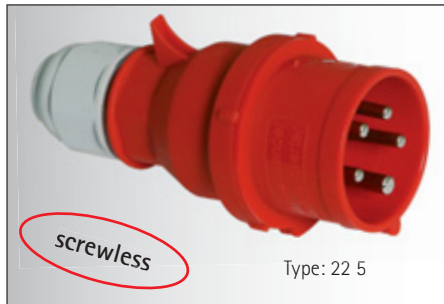
63	3	28 81	28 35					5	550
63	4		28 42	28 36				5	620
63	5			28 38				5	675
63	3	28 177	28 176					5	545
63	4			28 178	28 72			5	615
63	5			28 180				5	670



125	3	28 82	28 60					5	920
125	4			28 61				5	1010
125	5			28 76				5	1135



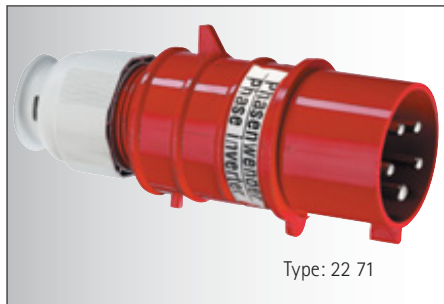
125	3		28 43					5	870
125	4		28 44	28 45				5	960
125	5			28 46				5	1085


Phase inverter Quick-Connect with Multi-Grip

- screwless terminals
- screwless housing connection, self locking
- special gland, simultaneous cable gland and seal
- protection degree IP 44

drawing see page 50/1 (2 MB 99)

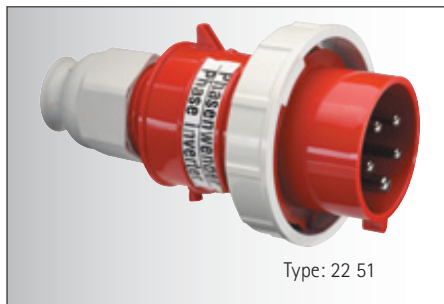
16	4	22 052	22 053	10	150
16	5	22 4	22 5	10	175
32	4	22 054	22 055	10	260
32	5	22 6	22 7	10	290


Phase inverter TE Multi-Grip

- screw terminals
- special gland, simultaneous cable gland and seal
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44

drawing see page 48/4 (2 MB 93)

16	5	22 86	22 71	10	210
32	5	22 87	22 88	10	280


Phase inverter TE Multi-Grip

- screw terminals
- special gland, simultaneous cable gland and seal
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

Accessories:
closure cap see page 244/4
drawing see page 50/2 (2 MB 94)

16	5	22 66	22 51	10	250
32	5	22 67	22 52	10	320


Phase inverter

- screw terminals
- as Surface Mounting Appliance Inlet
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44

drawing see page 52/4 (5 MB 45)

16	5	24 208	24 209	10	300
32	5	24 210	24 211	10	330


Phase inverter

- screw terminals
- as Panel Mounting Appliance Inlet
- nickel plated contacts
- protection degree IP 44

drawing see page 54/5 (5 MB 96)

16	5	26 008	26 02	10	215
32	5	26 52	26 03	10	285


Phase inverter

- screw terminals
- as Panel Mounting Appliance Inlet
- with hinged lid
- nickel plated contacts
- protection degree IP 44

drawing see page 54/4 (5 MB 12)

16	5		26 020	10	340
32	5		26 74	10	480



Phase inverter • screw terminals • as Appliance Inlet with Flange • nickel plated contacts • protection degree IP 44	16	5		28 181	10	215
	32	5		28 183	10	275

(To ensure latching feature of hinged lid of connector a retaining device must be provided.)

drawing see page 66/1(5 MB 126)



Phase inverter • screw terminals • as Appliance Inlet with Flange • nickel plated contacts • protection degree IP 44	16	5		28 70	10	165
	32	5		28 57	10	215

(To ensure latching feature of hinged lid of connector a retaining device must be provided.)

drawing see page 64/1 (5 MB 85)



Phase inverter • screw terminals • as Panel Mounting Appliance Inlet • high temperature resistant contact carrier • nickel plated contacts • protection degree IP 67	16	5	26 009	26 07	10	230
	32	5	26 010	26 08	10	315

Accessories:
closure cap see page 244/4

drawing see page 58/3 (5 MB 1)



Phase inverter • screw terminals • as Appliance Inlet with Flange • nickel plated contacts • protection degree IP 67	16	5		28 182	10	250
	32	5		28 184	10	320

(To ensure latching feature of hinged lid of connector a retaining device must be provided.)

Accessories:
closure cap see page 244/4

drawing see page 62/2 (5 MB 124)



CONNECTORS

Connectors
Page 70 - 73



Angled Connectors
Page 74, 75



Connectors with
Suspension Ring
Page 74, 75



4

Preferred scopes



Construction Industry



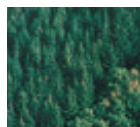
Camping site



Industry



Building Services



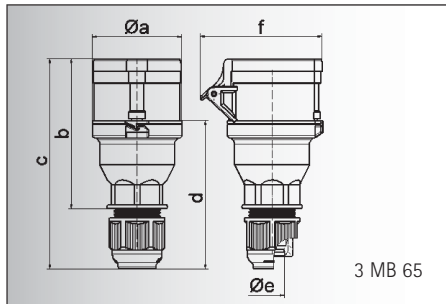
Farming



Harbour and Shipbuilding

CONNECTORS

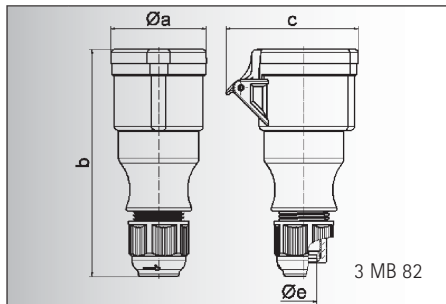
16A and 32A and partially 63A with screwless Quick-Connect technique
IEC 60309-1/2, EN 60309, VDE 0623
protection degree IP 44



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

Connector Quick-Connect with Multi-Grip

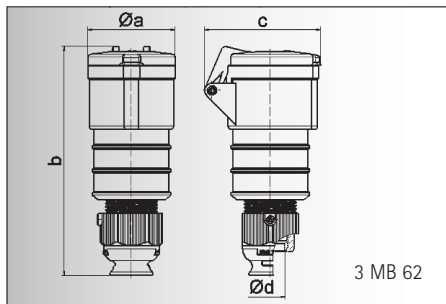
- screwless terminals
- screwless housing connection, self locking
- threaded lock
- Kontex-terminals
- special gland, simultaneous cable gland and seal
- protection degree IP 44



Ampere	16	16	16	32	32	32
Polzahl	3	4	5	3	4	5
a Ø	51,0	58,0	65,0	67,0	67,0	73,0
b	145,0	148,0	156,0	185,0	185,0	185,0
c	74,0	84,0	90,0	94,0	94,0	102,0
e Ø	18,0	18,0	18,0	23,0	23,0	23,0
Leiter mm² min	1	1	1	2,5	2,5	2,5
Leiter mm² max	2,5	2,5	2,5	6	6	6

Connector with Multi-Grip

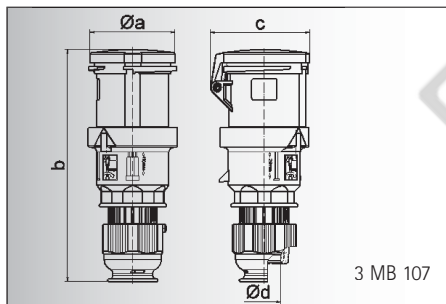
- screw terminals
- one piece housing
- special gland, simultaneous cable gland and seal
- Kontex-terminals
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a Ø	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
d Ø	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

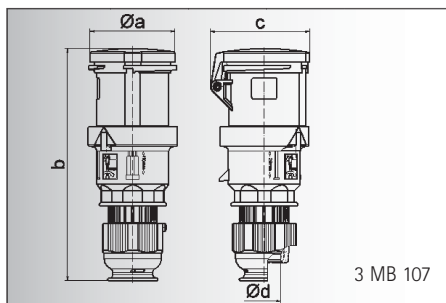
- screwless terminals
- high temperature resistant contact carrier
- Kontex-terminals
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 44



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

Connector TE-Plus with Multi-Grip

- screwless terminals
- screwless housing connection
- high temperature resistant contact carrier
- Kontex-Plus
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 44



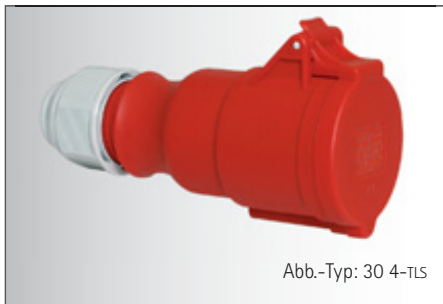
Ampere	63	63	63
Poles	3	4	5
a Ø	95,0	95,0	95,0
b	251,0	251,0	251,0
c	109,0	109,0	109,0
d Ø	36,0	36,0	36,0
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Connector TE with Multi-Grip

- screw terminals
- screwless housing connection
- box terminals
- high temperature resistant contact carrier
- Kontex-Plus
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 44



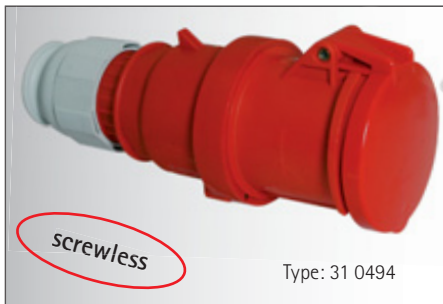
16	3	31 25	31 26					10	145
16	4		31 29	31 30				10	175
16	5		31 35	31 36				10	200
32	3	31 37	31 38					10	270
32	4		31 41	31 42				10	285
32	5		31 47	31 48				10	310



16	3	31 000-TLS	31 001-TLS	31 002-TLS	31 210-TLS	31 180-TLS	31 179-TLS	10	170
16	4	31 003-TLS	31 004-TLS	31 005-TLS	31 006-TLS	31 007-TLS	31 008-TLS	10	195
16	5	31 009-TLS	31 010-TLS	30 3-TLS	31 031-TLS	31 098-TLS	31 068-TLS	10	200
32	3	31 012-TLS	31 013-TLS	31 014-TLS	31 491-TLS			10	270
32	4	31 015-TLS	31 016-TLS	31 017-TLS	31 018-TLS	31 019-TLS	31 020-TLS	10	285
32	5	31 021-TLS	31 022-TLS	30 4-TLS	31 023-TLS	31 367-TLS	31 067-TLS	10	301

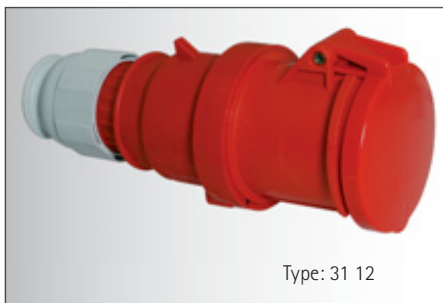


16	3	31 659	31 533	31 665	31 955	31 956	31 957	10	155
16	4	31 681	31 661	31 534	31 959	31 669	31 671	10	195
16	5	31 962	31 662	31 536	31 964	31 965	31 966	10	225
32	3	31 967	31 968	31 666	31 970	31 971	31 972	10	290
32	4	31 973	31 974	31 975	31 976	31 670	31 672	10	310
32	5	31 979	31 664	31 981	31 884	31 983	31 984	10	350



63	4			31 0490	31 0492			5	770
63	5			31 0494				5	825

External cable gland please see page 244.



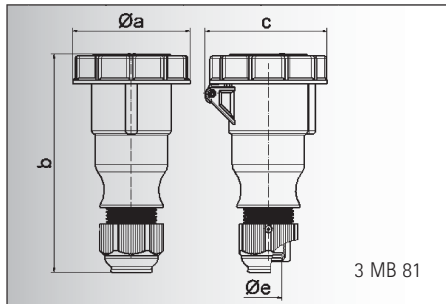
63	3	31 08	31 04	31 09	31 723	31 606	31 858	5	670
63	4	31 49	31 50	31 51	31 52	31 085	31 642	5	730
63	5	31 53	31 54	31 12	31 086	31 500	31 257	5	775

With PILOT contact use indicated part.-no. and add index „P“.

External cable gland please see page 244.

CONNECTORS

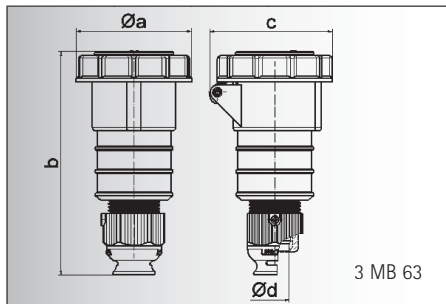
16A and 32A and partially 63A with screwless Quick-Connect technique
 IEC 60309-1/2, EN 60309, VDE 0623
 protection degree IP 67



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a Ø	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
e Ø	18,0	18,0	18,0	23,0	23,0	23,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Connector with Multi-Grip

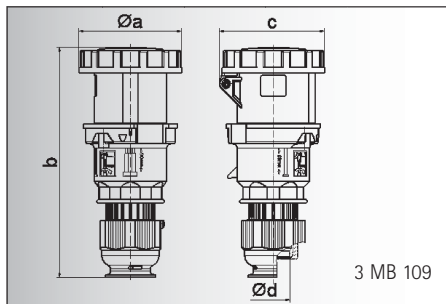
- screw terminals
- one piece housing/ (body)
- Kontex-terminals
- special gland, simultaneous cable gland and seal
- protection degree IP 67



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a Ø	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
d Ø	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

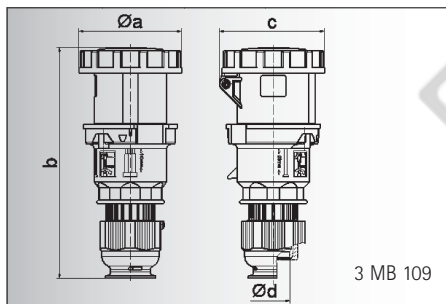
- screwless terminals
- high temperature resistant contact carrier
- Kontex-terminals
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67



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

Connector TE with Multi-Grip

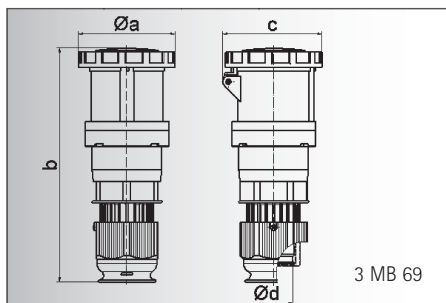
- screw terminals
- screwless housing connection
- box terminals
- high temperature resistant contact carrier
- Kontex-Plus
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67



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

Connector TE-Plus with Multi-Grip

- screwless terminals
- screwless housing connection
- high temperature resistant contact carrier
- Kontex-Plus
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

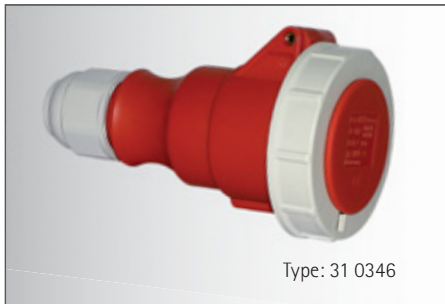


Ampere	125	125	125
Poles	3	4	5
a Ø	125,0	125,0	125,0
b	300,0	300,0	300,0
c	128,0	128,0	128,0
d Ø	50,0	50,0	50,0
Cond. mm² min	16	16	16
Cond. mm² max	50	50	50

Connector TE with Multi-Grip

- screw terminals
- screwless housing connection
- box terminals
- high temperature resistant contact carrier
- Kontex-Plus
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

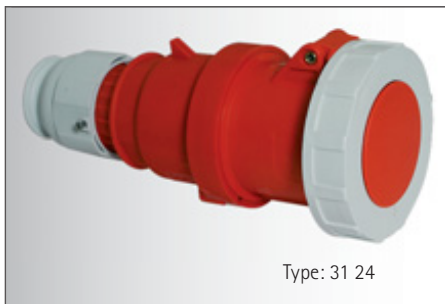
Poles			110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			100-300Hz > 50V			301-500Hz > 50V					g each
2P+E	3P+E	3P+N+E	3pol 4h	4pol 4h	5pol 4h	3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h	3pol 10h	4pol 10h	5pol 10h	3pol 2h	4pol 2h	5pol 2h	Qty		



16	3	31 0331	31 0333	31 0334																	10	191
16	4	31 0338	31 0339	31 0340																	10	218
16	5	31 0344	31 0345	31 0346																	10	245
32	3	31 0350	31 0351	31 0352																	10	322
32	4	31 0356	31 0357	31 0358																	10	334
32	5	31 0362	31 0363	31 0364																	10	380



16	3	31 298	31 240	31 299	31 457		31 0417														10	195
16	4	31 301	31 302	31 241	31 242	31 303	31 304														10	230
16	5	31 305	31 306	31 243	31 501		31 409														10	265
32	3	31 307	31 244	31 308																	10	355
32	4	31 309	31 310	31 245	31 246	31 311	31 312														10	375
32	5	31 313	31 314	31 247	31 207		31 0415														10	420



63	3	31 80	31 81	31 82	31 724	31 605															5	725
63	4	31 83	31 84	31 85	31 86	31 504	31 251														5	785
63	5	31 87	31 88	31 24	31 082	31 505	31 183														5	830

With PILOT contact use indicated part.-no. and add index „P“.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

External cable gland please see page 244.

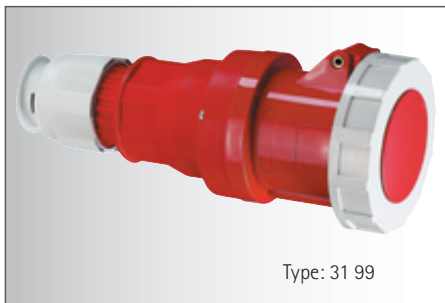


63	4			31 0491	31 0493																5	745
63	5			31 0495																	5	825

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

External cable gland please see page 244.

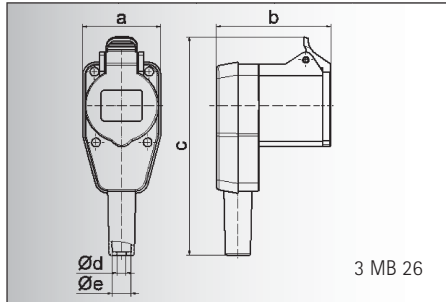


125	3	31 90	31 91	31 92																	5	1130
125	4	31 93	31 94	31 95	31 96	31 611															5	1230
125	5	31 97	31 98	31 99	31 417																5	1350

With PILOT contact use indicated part.-no. and add index „P“.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

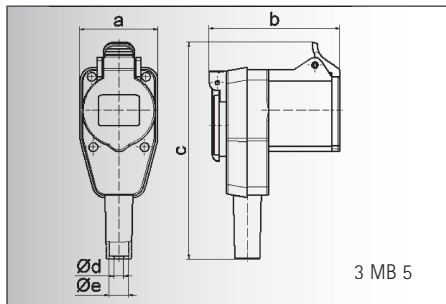
External cable gland please see page 244.



Ampere	16
Poles	3
a	54,0
b	79,0
c	139,0
d ø	6,5
e ø	13,0
Cond. mm² min	1
Cond. mm² max	2,5

Angled Connector

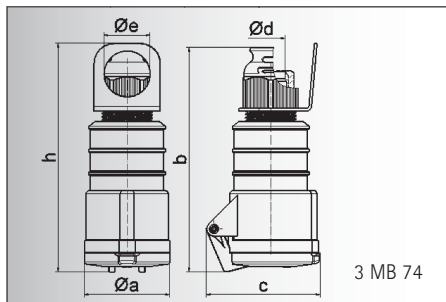
- screw terminals
- with long cable sleeve
- protection degree IP 44



Ampere	16
Poles	3
a	54,0
b	89,0
c	139,0
d ø	6,5
e ø	13,0
Cond. mm² min	1
Cond. mm² max	2,5

Angled Connector

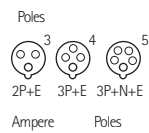
- screw terminals
- with socket outlet schuko type
- with long cable sleeve
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a ø	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
d ø	18,0	18,0	21,0	23,0	23,0	27,0
e ø	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

Connector with suspension ring TE-Plus with Multi-Grip

- screwless terminals
- suspended hook
- high temperature resistant contact carrier
- Kontex-terminals
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 44



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

100-300Hz
> 50V

3pol 4pol 5pol
10h 10h 10h

301-500Hz
> 50V

3pol 4pol 5pol
2h 2h 2h

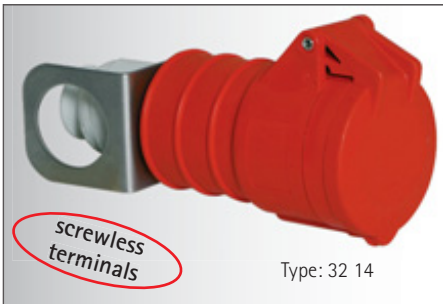
Qty 9 each



16	3		33 0						10	155



16	3		33 1						10	175



16	3	32 08	32 09						10	170
16	4			32 10	32 11	32 13	32 12		10	210
16	5			32 14					10	240
32	3	32 15	32 16						10	305
32	4			32 17	32 18	32 20	32 19		10	325
32	5			32 21					10	365

FOONNIEE
豐立自動控制器材有限公司



SURFACE MOUNTING SOCKET switched, interlocked, fused

SURFACE MOUNTING SOCKET OUTLETS

Sockets fused, Sockets switched, Sockets switched with mechanical interlocking, Sockets switched and fused, Sockets switched with mechanical interlocking and fused

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Sockets
fused
Page 78 - 93



Sockets
switched
Page 94 - 97



Sockets switched
with mechanical
interlocking
Page 98 - 101



Sockets
switched and fused
Page 102 - 107



Sockets switched
with mechanical
interlocking and fused
Page 108 - 113



5

Preferred scopes



Construction Industry



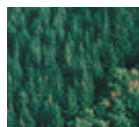
Camping site



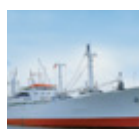
Industry



Building Services



Farming



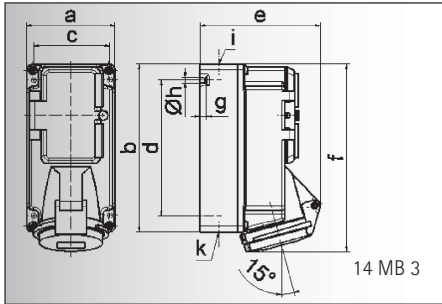
Harbour and Shipbuilding

SURFACE MOUNTING SOCKET OUTLETS, Fused

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

protection degree IP 44

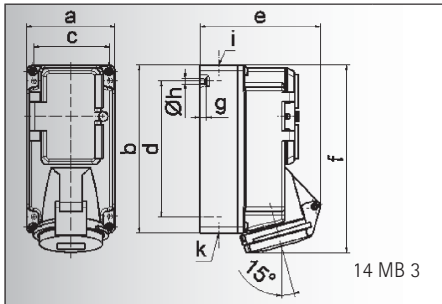
Din-rail, transparent operating windows and insert out of high-quality plastic



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	118,0	114,0	121,0
f	188,5	188,5	190,0
g	6,0	6,0	6,0
h ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet

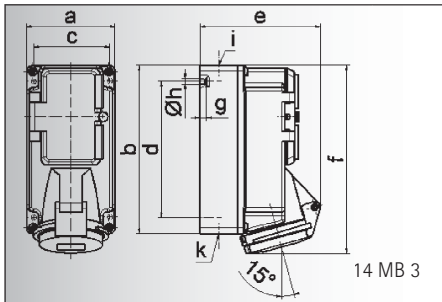
- with DIN rail
- 5 modules
- protection degree IP 44



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	118,0	114,0	121,0
f	188,5	188,5	190,0
g	6,0	6,0	6,0
h ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet

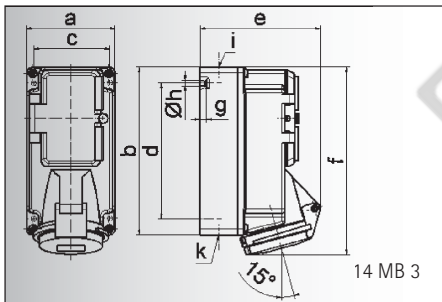
- with 1- or 3pol.
fuse base D 01
- protection degree IP 44



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	118,0	114,0	121,0
f	188,5	188,5	190,0
g	6,0	6,0	6,0
h ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet

- fused with C-type MCB
- protection degree IP 44



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	118,0	114,0	121,0
f	188,5	188,5	190,0
g	6,0	6,0	6,0
h ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet

- with rated current device
2- or 4pol. 25/0,03A
- protection degree IP 44



16	3	15 239	15 019					1	650
16	4		15 095	15 6				1	670
16	5		15 096	15 059				1	700



16	3	15 382	15 00					1	700
16	4		15 29	15 8				1	920
16	5		15 30	15 9				1	950



16	3	15 384	15 04					1	750
16	4		15 33	15 05				1	1080
16	5		15 34	15 06				1	1110



16	3	15 386	15 101					1	1110
16	4		15 102	15 103				1	1130
16	5		15 104	15 105				1	1160

5

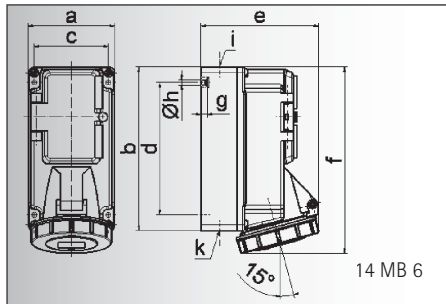
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SURFACE MOUNTING SOCKET OUTLETS, Fused

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

protection degree IP 67

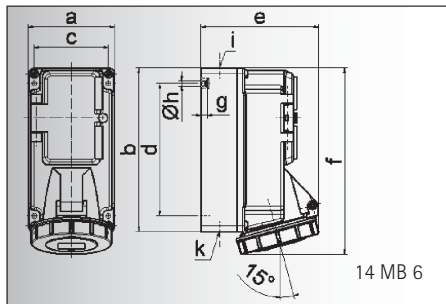
Din-rail, transparent operating windows and insert out of high-quality plastic



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	115,0	121,0
f	191,5	191,5	191,5
g	6,0	6,0	6,0
h ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet

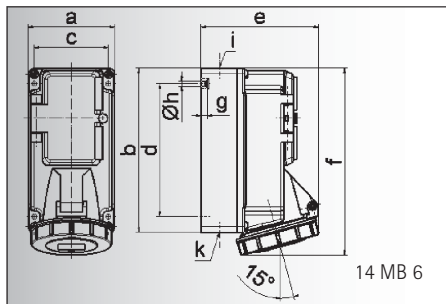
- with DIN rail
- 5 modules
- protection degree IP 67



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	115,0	121,0
f	191,5	191,5	191,5
g	6,0	6,0	6,0
h ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet

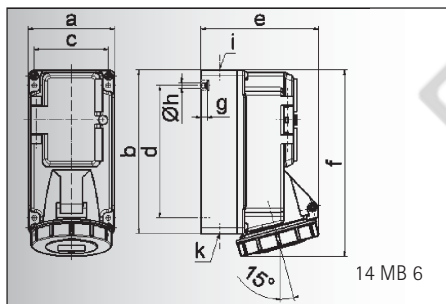
- with 1- or 3pol.
fuse base D 01
- protection degree IP 67



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	115,0	121,0
f	191,5	191,5	191,5
g	6,0	6,0	6,0
h ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet

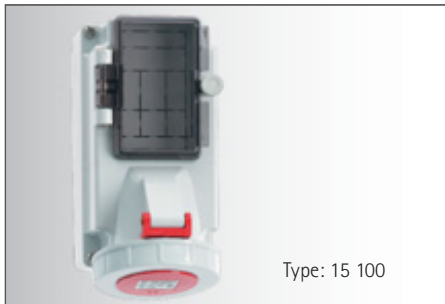
- fused with C-type MCB
- protection degree IP 67



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	115,0	121,0
f	191,5	191,5	191,5
g	6,0	6,0	6,0
h ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet

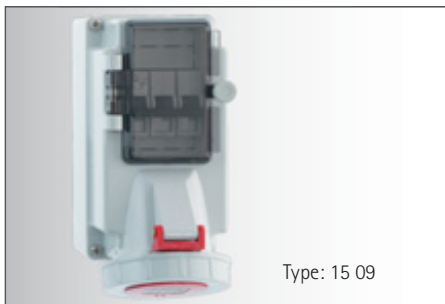
- with rated current device
2- or 4pol. 25/0,03A
- protection degree IP 67



16	3	15 240	15 024					1	670
16	4		15 097	15 098				1	690
16	5		15 099	15 100				1	720



16	3	15 383	15 01					1	720
16	4		15 31	15 02				1	930
16	5		15 32	15 03				1	980



16	3	15 385	15 07					1	770
16	4		15 35	15 08				1	1100
16	5		15 36	15 09				1	1130



16	3	15 387	15 106					1	1140
16	4		15 107	15 108				1	1180
16	5		15 109	15 110				1	1200

5

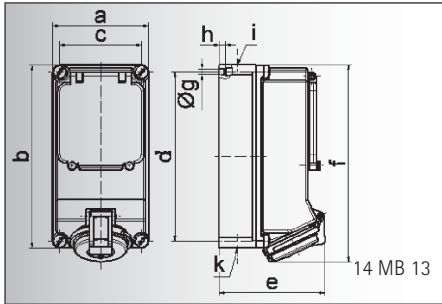
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SURFACE MOUNTING SOCKET OUTLETS, Fused

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

protection degree IP 44

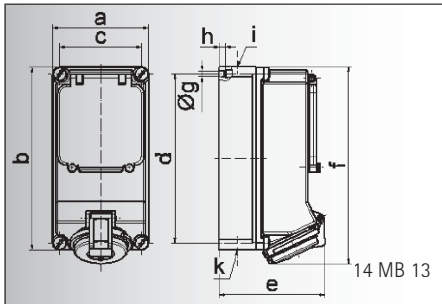
Din-rail, transparent operating windows and insert out of high-quality plastic



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 Ø	6,5	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

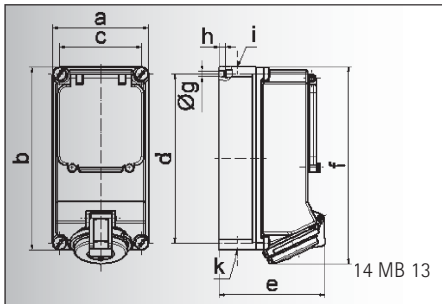
- with DIN rail
- 5 modules
- protection degree IP 44



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 Ø	6,5	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

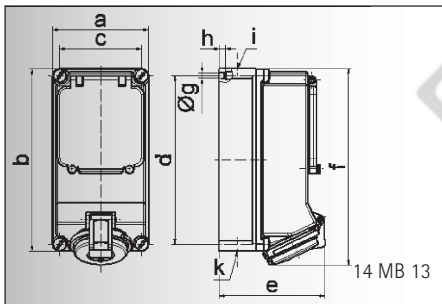
- with fuse base at 16A D 01
- at 32A D 02
- protection degree IP 44



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 Ø	6,5	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

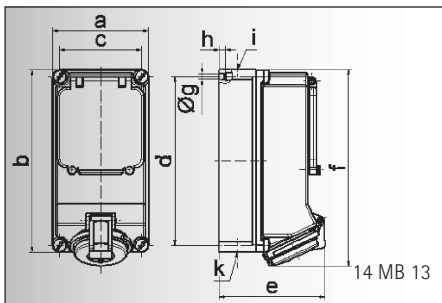
- with 3pol. D-fuse base at 16A D I
- at 32A D II
- protection degree IP 44



Ampere Poles	16 4	16 5	32 4	32 5
a	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0
e	123,0	130,0	134,0	141,0
f	242,0	242,0	250,0	250,0
g Ø	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

- fused with C-type MCB 3 pole
- protection degree IP 44



Ampere Poles	16 4	16 5	32 4	32 5
a	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0
e	123,0	130,0	134,0	141,0
f	242,0	242,0	250,0	250,0
g Ø	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

- with rated current device at 16A 25/0,03A 4pol.
- at 32A 40/0,03A 4pol.
- protection degree IP 44



16	4																			1	920
16	5																			1	950
32	3																			1	960
32	4																			1	980
32	5																			1	1120



16	4																			1	1120
16	5																			1	1150
32	3																			1	1160
32	4																			1	1180
32	5																			1	1320



16	4																			1	1370
16	5																			1	1400
32	3																			1	1550
32	4																			1	1570
32	5																			1	1620



16	4																			1	1220
16	5																			1	1250
32	4																			1	1280
32	5																			1	1420



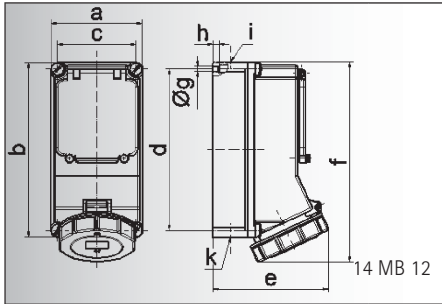
16	4																			1	1380
16	5																			1	1410
32	4																			1	1440
32	5																			1	1480

SURFACE MOUNTING SOCKET OUTLETS, Fused

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

protection degree IP 67

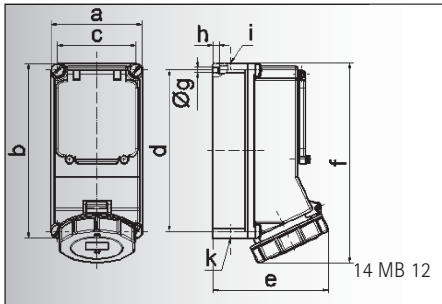
Din-rail, transparent operating windows and insert out of high-quality plastic



Ampere	16	16	32	32	32
Poles	4	5	3	4	5
a	118,0	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0	208,0
e	127,0	134,0	143,0	143,0	149,0
f	245,0	245,0	255,0	255,0	255,0
g Ø	6,5	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

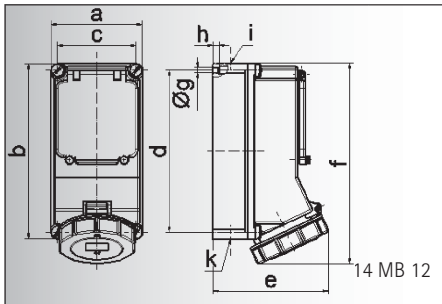
- with DIN rail
- 5 modules
- protection degree IP 67



Ampere	16	16	32	32	32
Poles	4	5	3	4	5
a	118,0	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0	208,0
e	127,0	134,0	143,0	143,0	149,0
f	245,0	245,0	255,0	255,0	255,0
g Ø	6,5	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

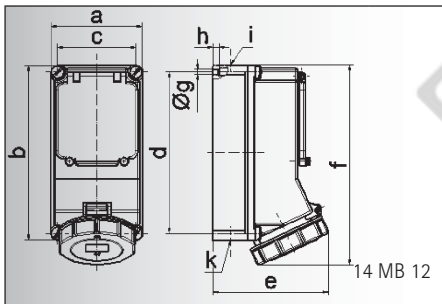
- with fuse base at 16A D 01
- at 32A D 02
- protection degree IP 67



Ampere	16	16	32	32
Poles	4	5	4	5
a	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0
e	127,0	134,0	143,0	149,0
f	245,0	245,0	255,0	255,0
g Ø	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

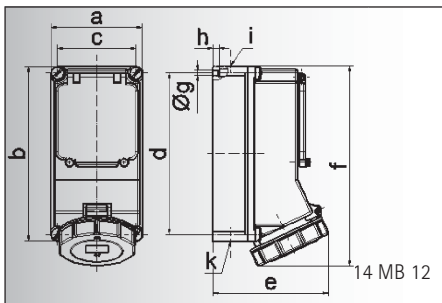
- with 3pol. fuse base D II
- protection degree IP 67



Ampere	16	16	32	32
Poles	4	5	4	5
a	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0
e	127,0	134,0	143,0	149,0
f	245,0	245,0	255,0	255,0
g Ø	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

- fused with C-type MCB 3 pole
- protection degree IP 67



Ampere	16	16	32	32
Poles	4	5	4	5
a	118,0	118,0	118,0	118,0
b	225,0	225,0	225,0	225,0
c	101,0	101,0	101,0	101,0
d	208,0	208,0	208,0	208,0
e	127,0	134,0	143,0	149,0
f	245,0	245,0	255,0	255,0
g Ø	6,5	6,5	6,5	6,5
h	8,0	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

- with rated current device at 16A 25/0,03A 4pol.
- at 32A 40/0,03A 4pol.
- protection degree IP 67



16	4																		1	950
16	5																		1	980
32	3																		1	1000
32	4																		1	1020
32	5																		1	1160



16	4																		1	1150
16	5																		1	1180
32	3																		1	1200
32	4																		1	1220
32	5																		1	1360



16	4																		1	1400
16	5																		1	1430
32	4																		1	1610
32	5																		1	1660



16	4																		1	1250
16	5																		1	1280
32	4																		1	1320
32	5																		1	1460



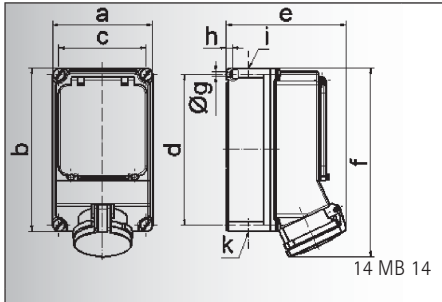
16	4																		1	1410
16	5																		1	1440
32	4																		1	1480
32	5																		1	1520

SURFACE MOUNTING SOCKET OUTLETS, Fused

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

protection degree IP 44

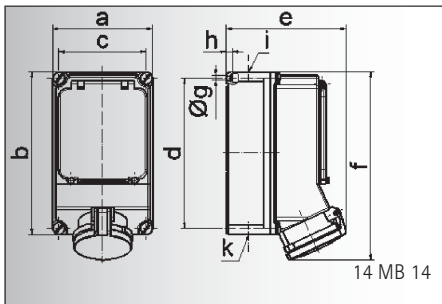
Din-rail, transparent operating windows and insert out of high-quality plastic



Ampere	32	32	63	63	63
Poles	4	5	3	4	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
g Ø	8,1	8,1	8,1	8,1	8,1
h	10,0	10,0	10,0	10,0	10,0
i	M 40	M 40	M 40	M 40	M 40
k	M 32/40	M 32/40	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

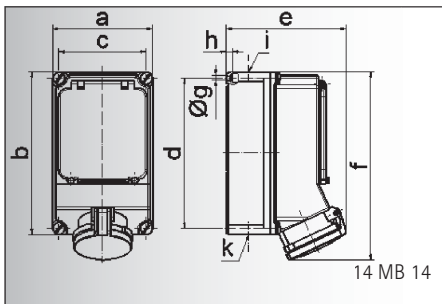
- with DIN rail
- 7 modules
- 63A with box terminal and Kontex-Plus
- protection degree IP 44



Ampere	32	32	63	63	63
Poles	4	5	3	4	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
g Ø	8,1	8,1	8,1	8,1	8,1
h	10,0	10,0	10,0	10,0	10,0
i	M 40	M 40	M 40	M 40	M 40
k	M 32/40	M 32/40	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

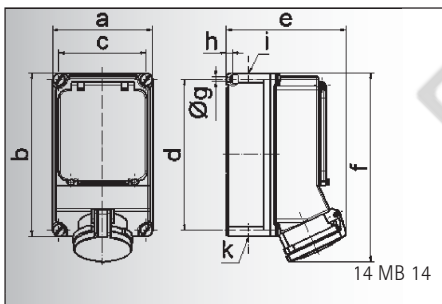
- with 3pol. fuse base D 02
- 63A with box terminal and Kontex-Plus
- protection degree IP 44



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

Surface Mounting Socket Outlet

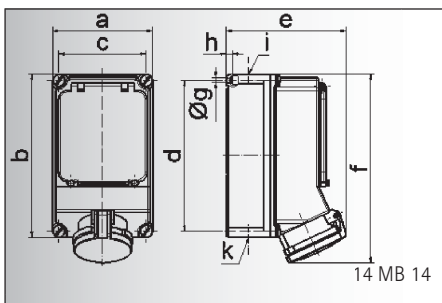
- with 3pol. fuse base D 03
- 63A with box terminal and Kontex-Plus
- protection degree IP 44



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

Surface Mounting Socket Outlet

- fused with C-type MCB 3 pole
- 63A with box terminal and Kontex-Plus
- protection degree IP 44



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

Surface Mounting Socket Outlet

- with rated current device at 32A 40/0,03A 4pol.
- at 63A 63/0,03A 4pol.
- 63A with box terminal and Kontex-Plus
- protection degree IP 44

Poles		110V 50-60 Hz		230V 50-60 Hz		400V 50-60 Hz		500V 50-60 Hz		100-300Hz > 50V		301-500Hz > 50V		Qty	
2P+E	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		9	each



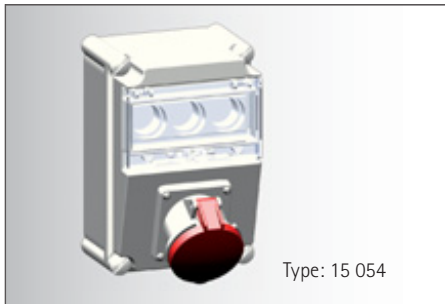
32	4			<u>15 129</u>	<u>15 172</u>					1	1980
32	5			<u>15 130</u>						1	2020
63	3		<u>15 052</u>							1	2110
63	4			<u>15 035</u>	<u>15 173</u>					1	2140
63	5			<u>15 036</u>						1	2340

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



32	4			<u>15 131</u>						1	2280
32	5			<u>15 132</u>						1	2320
63	3		<u>15 058</u>							1	2410
63	4			<u>15 081</u>						1	2440
63	5			<u>15 082</u>						1	2640

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



32	4			<u>15 135</u>	<u>15 085</u>					1	2580
32	5			<u>15 136</u>						1	2620
63	4			<u>15 137</u>	<u>15 087</u>					1	2740
63	5			<u>15 054</u>						1	2940

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



32	4			<u>15 138</u>						1	2380
32	5			<u>15 139</u>						1	2420
63	4			<u>15 140</u>						1	2540
63	5			<u>15 141</u>						1	2740

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



32	4			<u>15 146</u>						1	2420
32	5			<u>15 147</u>						1	2460
63	4			<u>15 148</u>						1	2580
63	5			<u>15 017</u>						1	2780

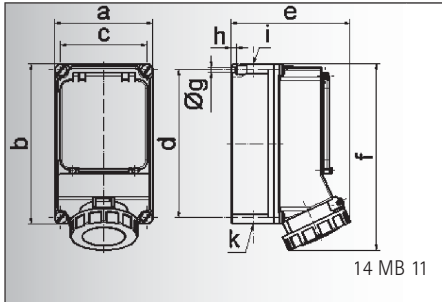
Products 63A with PILOT contact use indicated part.-no. and add index „P“.

SURFACE MOUNTING SOCKET OUTLETS, Fused

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

protection degree IP 67

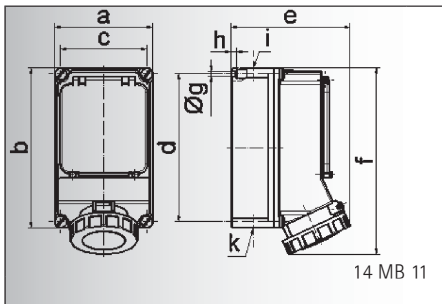
Din-rail, transparent operating windows and insert out of high-quality plastic



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

Surface Mounting Socket Outlet

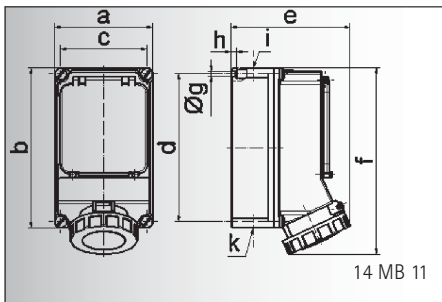
- with DIN rail
- 7 modules
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



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

Surface Mounting Socket Outlet

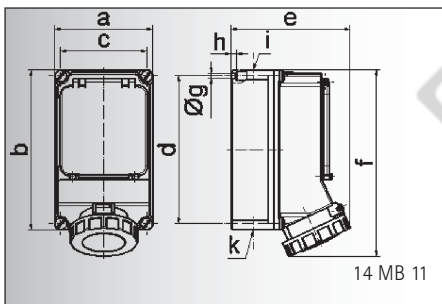
- with 3pol. fuse base D 02
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



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

Surface Mounting Socket Outlet

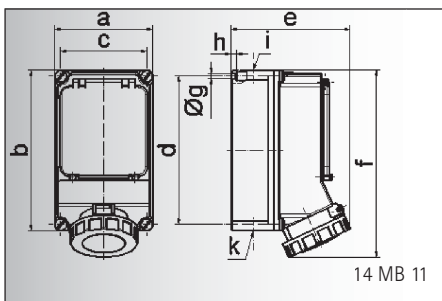
- with 3pol. fuse base D 03
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



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

Surface Mounting Socket Outlet

- fused with C-type MCB 3 pole
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



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

Surface Mounting Socket Outlet

- with rated current device at 32A 40/0,03A 4pol. at 63A 63/0,03A 4pol.
- 63A with box terminal and Kontex-Plus
- protection degree IP 67

Poles			110V 50-60 Hz	230V 50-60 Hz	400V 50-60 Hz	500V 50-60 Hz	100-300Hz > 50V	301-500Hz > 50V	Qty	
2P+E	3P+E	3P+N+E	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	9 each



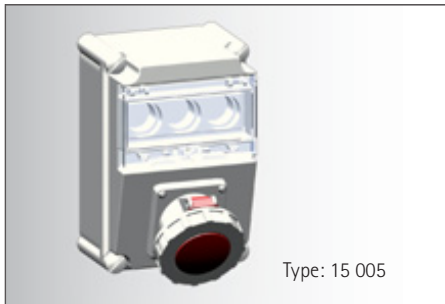
32	4			<u>15 98</u>	<u>15 174</u>				1	2020
32	5			<u>15 99</u>					1	2060
63	4			<u>15 000</u>	<u>15 175</u>				1	2200
63	5			<u>15 001</u>					1	2400

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



32	4			<u>15 133</u>					1	2320
32	5			<u>15 134</u>					1	2360
63	4			<u>15 083</u>					1	2500
63	5			<u>15 013</u>					1	2700

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



32	4			<u>15 002</u>	<u>15 041</u>				1	2620
32	5			<u>15 003</u>					1	2660
63	4			<u>15 004</u>	<u>15 023</u>				1	2800
63	5			<u>15 005</u>					1	3000

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



32	4			<u>15 142</u>					1	2420
32	5			<u>15 143</u>					1	2460
63	4			<u>15 144</u>					1	2600
63	5			<u>15 145</u>					1	2800

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



32	4			<u>15 149</u>					1	2460
32	5			<u>15 150</u>					1	2500
63	4			<u>15 151</u>					1	2440
63	5			<u>15 080</u>					1	2840

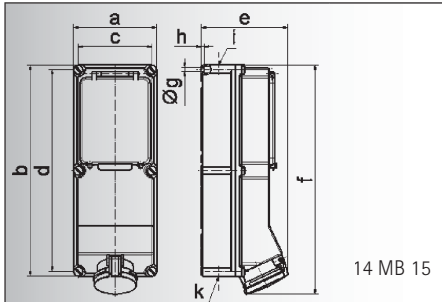
Products 63A with PILOT contact use indicated part.-no. and add index „P“.

SURFACE MOUNTING SOCKET OUTLETS, Fused

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

protection degree IP 44

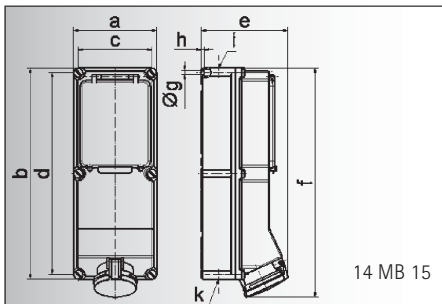
Din-rail, transparent operating windows and insert out of high-quality plastic



Ampere	63	63
Poles	4	5
a	180,0	180,0
b	460,0	460,0
c	160,0	160,0
d	440,0	440,0
e	182,0	182,0
f	498,0	498,0
g Ø	8,3	8,3
h	6,5	6,5
i	M 40	M 40
k	M 32/40	M 32/40

Surface Mounting Socket Outlet

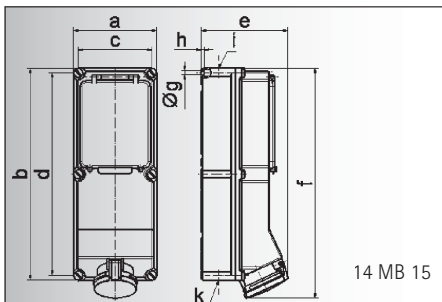
- with fuse disconnecter NH 00
- Kontex-Plus
- box terminal
- protection degree IP 44



Ampere	63	63
Poles	4	5
a	180,0	180,0
b	460,0	460,0
c	160,0	160,0
d	440,0	440,0
e	182,0	182,0
f	498,0	498,0
g Ø	8,3	8,3
h	6,5	6,5
i	M 40	M 40
k	M 32/40	M 32/40

Surface Mounting Socket Outlet

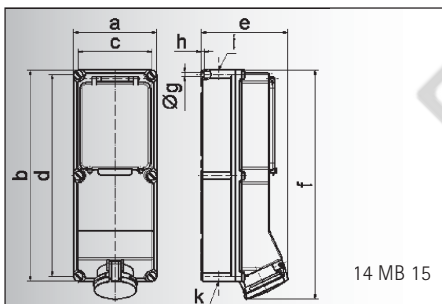
- with DIN rail
- 8 modules
- Kontex-Plus
- box terminal
- protection degree IP 44



Ampere	63	63
Poles	4	5
a	180,0	180,0
b	460,0	460,0
c	160,0	160,0
d	440,0	440,0
e	182,0	182,0
f	498,0	498,0
g Ø	8,3	8,3
h	6,5	6,5
i	M 40	M 40
k	M 32/40	M 32/40

Surface Mounting Socket Outlet

- with rated current device 63/0,03A 4pol.
- Kontex-Plus
- box terminal
- protection degree IP 44



Ampere	63	63
Poles	4	5
a	180,0	180,0
b	460,0	460,0
c	160,0	160,0
d	440,0	440,0
e	182,0	182,0
f	498,0	498,0
g Ø	8,3	8,3
h	6,5	6,5
i	M 40	M 40
k	M 32/40	M 32/40

Surface Mounting Socket Outlet

- with rated current device 63/0,3A 4pol.
- Kontex-Plus
- box terminal
- protection degree IP 44

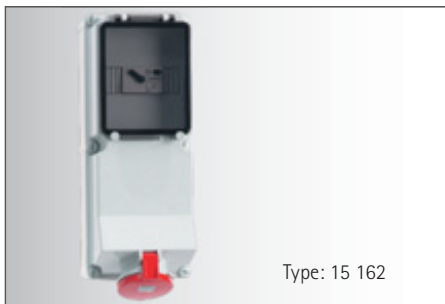
Poles		110V 50-60 Hz		230V 50-60 Hz		400V 50-60 Hz		500V 50-60 Hz		100-300Hz > 50V		301-500Hz > 50V		Qty	
Ampere	Poles	3pol 4pol 5pol 4h 4h 4h	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h	3pol 4pol 5pol 10h 10h 10h	3pol 4pol 5pol 2h 2h 2h								



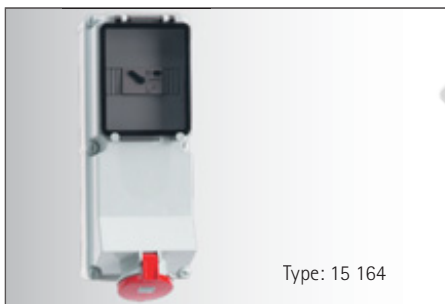
63	4			<u>15 152</u>	<u>15 153</u>			2	4900
63	5			<u>15 154</u>				2	5000
With PILOT contact use indicated part.-no. and add index „P“.									



63	4			<u>15 155</u>	<u>15 156</u>			2	3800
63	5			<u>15 038</u>				2	4000
Products 63A with PILOT contact use indicated part.-no. and add index „P“.									



63	4			<u>15 161</u>				2	5300
63	5			<u>15 162</u>				2	5400
Products 63A with PILOT contact use indicated part.-no. and add index „P“.									



63	4			<u>15 163</u>				2	5300
63	5			<u>15 164</u>				2	5400
Products 63A with PILOT contact use indicated part.-no. and add index „P“.									

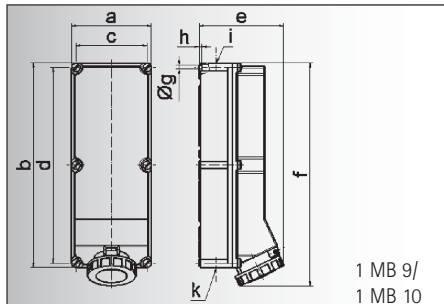
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www.fonle.com.tw

SURFACE MOUNTING SOCKET OUTLETS, Fused

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

protection degree IP 67

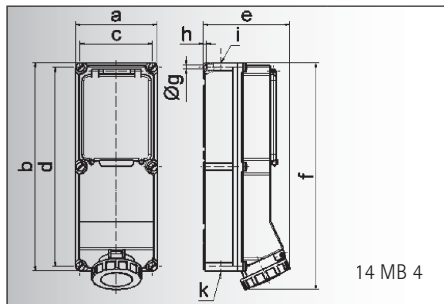
Din-rail, transparent operating windows and insert out of high-quality plastic



Ampere	63	63	125	125
Poles	4	5	4	5
a	180,0	180,0	180,0	180,0
b	460,0	460,0	460,0	460,0
c	160,0	160,0	160,0	160,0
d	440,0	440,0	440,0	440,0
e	191,0	191,0	210,0	210,0
f	500,0	500,0	512,0	512,0
g Ø	8,3	8,3	8,3	8,3
h	6,5	6,5	6,5	6,5
i	M 40	M 40	M 40	M 40
k	M 32/40	M 32/40	M 40/50	M 40/50

Surface Mounting Socket Outlet

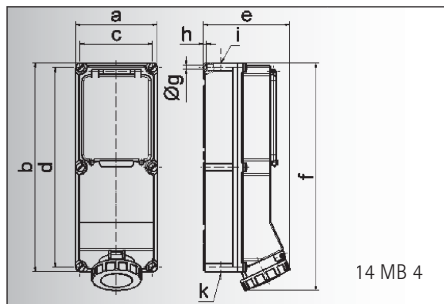
- with fuse disconnecter NH 00
- Kontex-Plus
- box terminal
- protection degree IP 67



Ampere	63	63	63	125	125
Poles	3	4	5	4	5
a	180,0	180,0	180,0	180,0	180,0
b	460,0	460,0	460,0	460,0	460,0
c	160,0	160,0	160,0	160,0	160,0
d	440,0	440,0	440,0	440,0	440,0
e	191,0	191,0	191,0	210,0	210,0
f	500,0	500,0	500,0	512,0	512,0
g Ø	8,3	8,3	8,3	8,3	8,3
h	6,5	6,5	6,5	6,5	6,5
i	M 40	M 40	M 40	M 40	M 40
k	M 32/40	M 32/40	M 32/40	M 40/50	M 40/50

Surface Mounting Socket Outlet

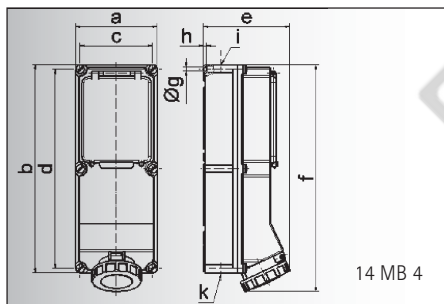
- with DIN rail
- 8 modules
- Kontex-Plus
- box terminal
- protection degree IP 67



Ampere	63	63	125	125
Poles	4	5	4	5
a	180,0	180,0	180,0	180,0
b	460,0	460,0	460,0	460,0
c	160,0	160,0	160,0	160,0
d	440,0	440,0	440,0	440,0
e	191,0	191,0	210,0	210,0
f	500,0	500,0	512,0	512,0
g Ø	8,3	8,3	8,3	8,3
h	6,5	6,5	6,5	6,5
i	M 40	M 40	M 40	M 40
k	M 32/40	M 32/40	M 40/50	M 40/50

Surface Mounting Socket Outlet

- with rated current device at 63A 63/0,03A 4pol.
- at 125A 125/0,3A 4pol.
- Kontex-Plus
- box terminal
- protection degree IP 67



Ampere	63	63	125	125
Poles	4	5	4	5
a	180,0	180,0	180,0	180,0
b	460,0	460,0	460,0	460,0
c	160,0	160,0	160,0	160,0
d	440,0	440,0	440,0	440,0
e	191,0	191,0	210,0	210,0
f	500,0	500,0	512,0	512,0
g Ø	8,3	8,3	8,3	8,3
h	6,5	6,5	6,5	6,5
i	M 40	M 40	M 40	M 40
k	M 32/40	M 32/40	M 40/50	M 40/50

Surface Mounting Socket Outlet

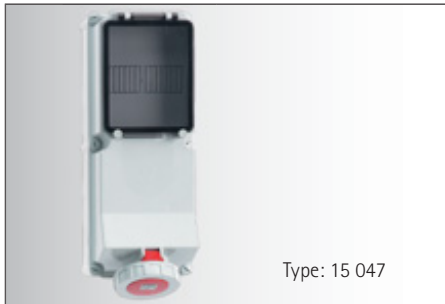
- with rated current device at 63A 63/0,3A 4pol.
- at 125A 125/0,5A 4pol.
- Kontex-Plus
- box terminal
- protection degree IP 67

Poles		3		4	5	110V 50-60 Hz		230V 50-60 Hz		400V 50-60 Hz		500V 50-60 Hz		100-300Hz > 50V		301-500Hz > 50V		Qty		9	each
Ampere		2P+E		3P+E	3P+N+E	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																			2	5000
63	5																			2	5100
125	4																			2	6800
125	5																			2	7000

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



63	3																			2	3970
63	4																			2	4000
63	5																			2	4200
125	4																			2	5300
125	5																			2	5500

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



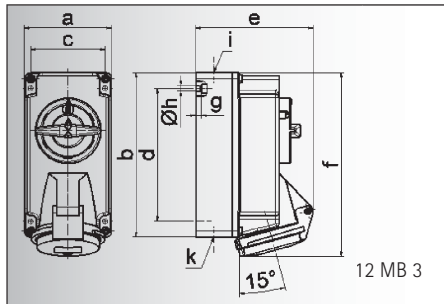
63	4																			2	5400
63	5																			2	5500
125	4																			2	5800
125	5																			2	5900

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



63	4																			2	5400
63	5																			2	5500
125	4																			2	5800
125	5																			2	5900

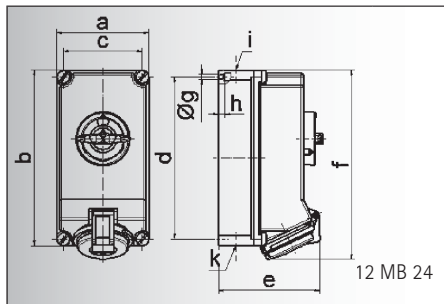
Products 63A with PILOT contact use indicated part.-no. and add index „P“.



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	114,0	121,0
f	188,5	188,5	190,0
g	6,0	6,0	6,0
h Ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet

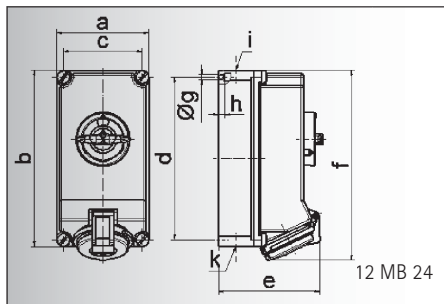
- switched
- in 0-position lockable
- protection degree IP 44



Ampere	16	16
Poles	4	5
a	118,0	118,0
b	225,0	225,0
c	101,0	101,0
d	208,0	208,0
e	126,0	134,0
f	242,0	242,0
g Ø	6,5	6,5
h	8,0	8,0
i	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

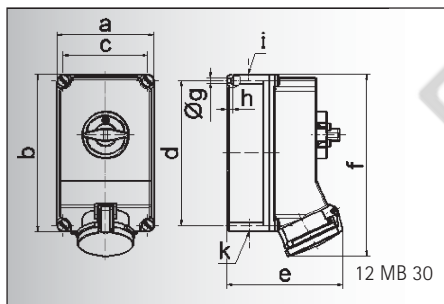
- switched
- in 0-position lockable
- protection degree IP 44



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	137,0	137,0	144,0
f	251,0	251,0	251,0
g Ø	6,5	6,5	6,5
h	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- protection degree IP 44



Ampere	63	63	63
Poles	3	4	5
a	160,0	160,0	160,0
b	260,0	260,0	260,0
c	140,0	140,0	140,0
d	240,0	240,0	240,0
e	184,0	184,0	184,0
f	302,0	302,0	302,0
g Ø	8,1	8,1	8,1
h	10,0	10,0	10,0
i	M40	M 40	M 40
k	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- Kontex-Plus
- box terminal
- protection degree IP 44



Type: 16 1

16	3	16 145	16 20				1	610
16	4		16 47	16 0	16 6		1	690
16	5		16 48	16 1			1	700



Type: 16 027

16	4	16 052	16 026	16 113			1	1120
16	5		16 027				1	1130



Type: 16 031

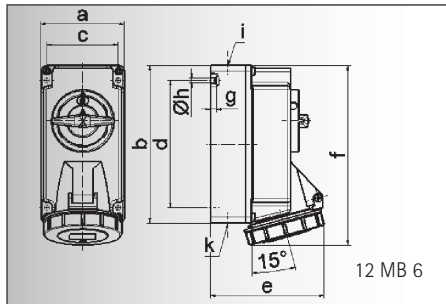
32	3	16 147	<u>16 013</u>					1	1210
32	4		16 054	<u>16 030</u>	<u>16 115</u>			1	1230
32	5			<u>16 031</u>	<u>16 095</u>			1	1240



Type: 16 035

63	3	16 118	16 149					1	2740
63	4		16 056	16 034	16 116			1	2800
63	5			16 035				1	2930

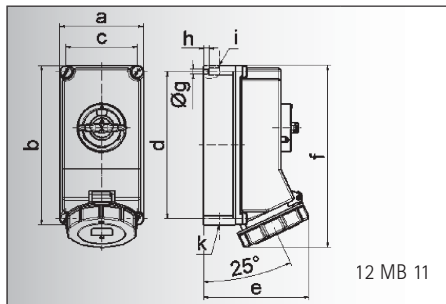
Products 63A with PILOT contact use indicated part.-no. and add index „P“.



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	115,0	121,0
f	191,5	191,5	191,5
g	6,0	6,0	6,0
h Ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet

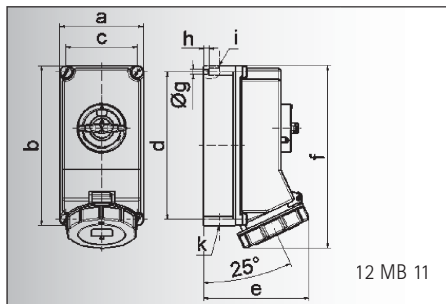
- switched
- in 0-position lockable
- protection degree IP 67



Ampere	16	16
Poles	4	5
a	118,0	118,0
b	225,0	225,0
c	101,0	101,0
d	208,0	208,0
e	127,0	134,0
f	245,0	245,0
g Ø	6,5	6,5
h	8,0	8,0
i	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

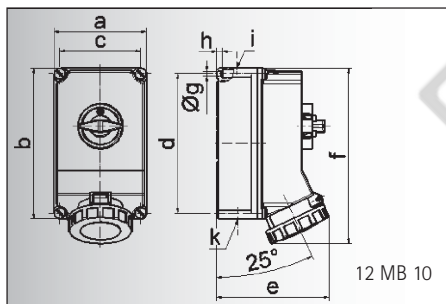
- switched
- in 0-position lockable
- protection degree IP 67



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
g Ø	6,5	6,5	6,5
h	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

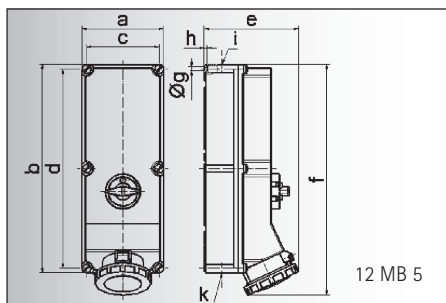
- switched
- in 0-position lockable
- protection degree IP 67



Ampere	63	63	63
Poles	3	4	5
a	160,0	160,0	160,0
b	260,0	260,0	260,0
c	140,0	140,0	140,0
d	240,0	240,0	240,0
e	195,0	195,0	195,0
f	304,0	304,0	304,0
g Ø	8,1	8,1	8,1
h	10,0	10,0	10,0
i	M 40	M 40	M 40
k	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- Kontex-Plus
- box terminal
- protection degree IP 67



Ampere	125	125	125
Poles	3	4	5
a	180,0	180,0	180,0
b	460,0	460,0	460,0
c	160,0	160,0	160,0
d	440,0	440,0	440,0
e	208,0	208,0	208,0
f	510,0	510,0	510,0
g Ø	8,3	8,3	8,3
h	6,5	6,5	6,5
i	M 40	M 40	M 40
k	M 40/50	M 40/50	M 40/50

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- Kontex-Plus
- box terminal
- protection degree IP 67



16	3	16 146	16 23					1	710
16	4		16 49	16 24	16 51			1	740
16	5		16 50	16 25				1	750



16	4		16 053	16 028	16 243			1	1140
16	5			16 029				1	1160



32	3	16 148	16 103					1	1270
32	4		16 055	16 032	16 244			1	1290
32	5			16 033				1	1300



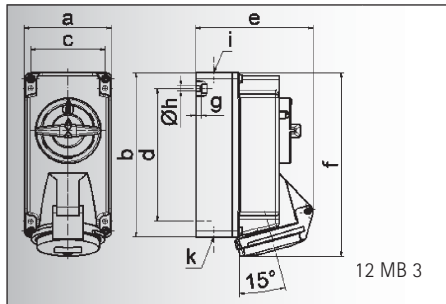
63	3	16 150	16 121					1	2800
63	4		16 057	16 036	16 245			1	2860
63	5			16 037				1	3000

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



125	3		16 419					2	5640
125	4		16 66	16 67	16 68			2	5700
125	5		16 69	16 70				2	5800

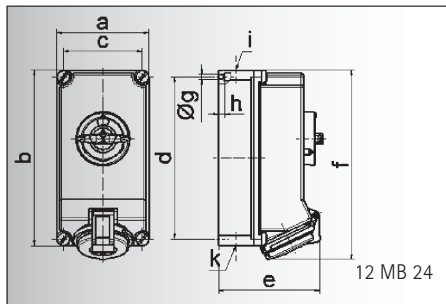
Products 63A with PILOT contact use indicated part.-no. and add index „P“.



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	114,0	121,0
f	188,5	188,5	190,0
g	6,0	6,0	6,0
h Ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet

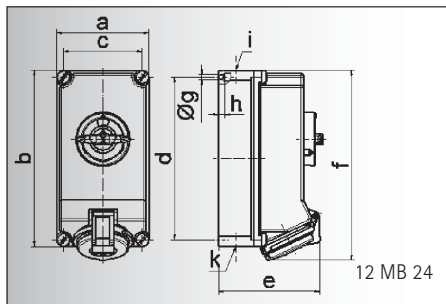
- switched
- in 0-position lockable
- with mechanical double interlocking
- protection degree IP 44



Ampere	16	16
Poles	4	5
a	118,0	118,0
b	225,0	225,0
c	101,0	101,0
d	208,0	208,0
e	126,0	134,0
f	242,0	242,0
g Ø	6,5	6,5
h	8,0	8,0
i	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

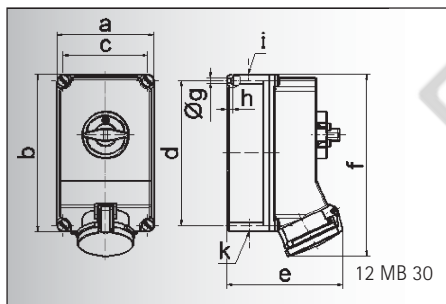
- switched
- in 0-position lockable
- with mechanical double interlocking
- protection degree IP 44



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	137,0	137,0	144,0
f	251,0	251,0	251,0
g Ø	6,5	6,5	6,5
h	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- with mechanical double interlocking
- protection degree IP 44



Ampere	63	63	63
Poles	3	4	5
a	160,0	160,0	160,0
b	260,0	260,0	260,0
c	140,0	140,0	140,0
d	240,0	240,0	240,0
e	184,0	184,0	184,0
f	302,0	302,0	302,0
g Ø	8,1	8,1	8,1
h	10,0	10,0	10,0
i	M 40	M 40	M 40
k	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- with mechanical double interlocking
- Kontex-Plus
- box terminal
- protection degree IP 44



Type: 16 11

16	3	16 008	16 19					1	640
16	4		16 41	16 10	16 16			1	720
16	5		16 42	16 11				1	730



Type: 16 039

[illegible]

Type: 16 043

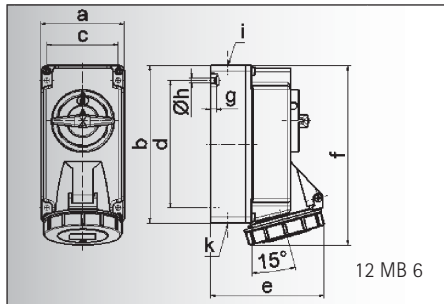
32	3	16 123	16 097					1	1260
32	4		16 060	16 042	16 066			1	1280
32	5			16 043				1	1290



Type: 16 603

63	3	16 093	16 956					1	2840
63	4		16 933	16 605	16 827			1	2900
63	5			16 603	16 721			1	3030

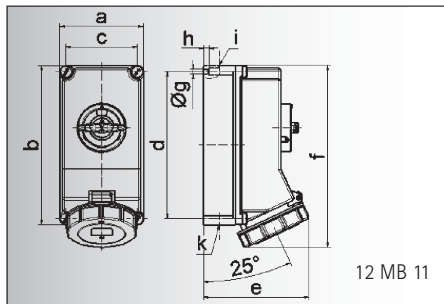
Products 63A with PILOT contact use indicated part.-no. and add index „P“.



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	115,0	121,0
f	191,5	191,5	191,5
g	6,0	6,0	6,0
h Ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet

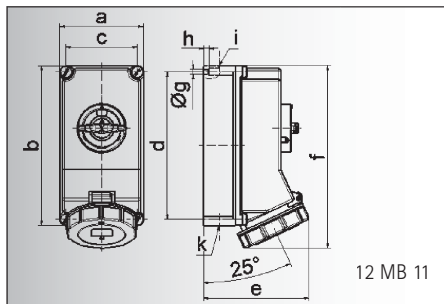
- switched
- in 0-position lockable
- with mechanical double interlocking
- protection degree IP 67



Ampere	16	16
Poles	4	5
a	118,0	118,0
b	225,0	225,0
c	101,0	101,0
d	208,0	208,0
e	127,0	134,0
f	245,0	245,0
g Ø	6,5	6,5
h	8,0	8,0
i	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

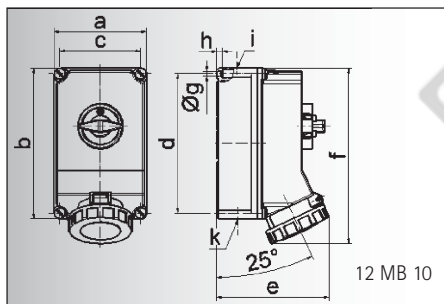
- switched
- in 0-position lockable
- with mechanical double interlocking
- protection degree IP 67



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
g Ø	6,5	6,5	6,5
h	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet

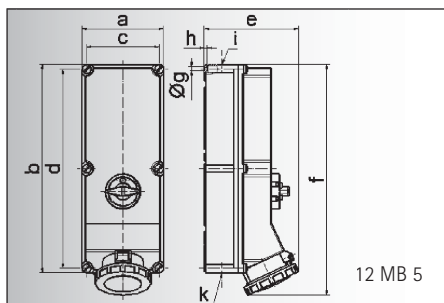
- switched
- in 0-position lockable
- with mechanical double interlocking
- protection degree IP 67



Ampere	63	63	63
Poles	3	4	5
a	160,0	160,0	160,0
b	260,0	260,0	260,0
c	140,0	140,0	140,0
d	240,0	240,0	240,0
e	195,0	195,0	195,0
f	304,0	304,0	304,0
g Ø	8,1	8,1	8,1
h	10,0	10,0	10,0
i	M40	M 40	M 40
k	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- with mechanical double interlocking
- Kontex-Plus
- box terminal
- protection degree IP 67



Ampere	125	125	125
Poles	3	4	5
a	180,0	180,0	180,0
b	460,0	460,0	460,0
c	160,0	160,0	160,0
d	440,0	440,0	440,0
e	208,0	208,0	208,0
f	510,0	510,0	510,0
g Ø	8,3	8,3	8,3
h	6,5	6,5	6,5
i	M40	M 40	M 40
k	M 40/50	M 40/50	M 40/50

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- with mechanical double interlocking
- Kontex-Plus
- box terminal
- protection degree IP 67

Poles		110V 50-60 Hz		230V 50-60 Hz		400V 50-60 Hz		500V 50-60 Hz		100-300Hz > 50V		301-500Hz > 50V		Qty	
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								



16	3	16 138	16 0048	16 0056				1	740
16	4		16 0053	16 0049	16 0057			1	770
16	5		16 0055	16 0052	16 0058			1	780



16	4		16 059	16 040	16 065			1	1170
16	5			16 041				1	1190



32	3	16 124	16 104					1	1320
32	4		16 875	16 0178	16 0179			1	1340
32	5			16 0177				1	1350



63	3	16 125	16 606					1	2900
63	4		16 934	16 604	16 828			1	2960
63	5			16 602	16 0290			1	3100

Products 63A with PILOT contact use indicated part.-no. and add index „P“.

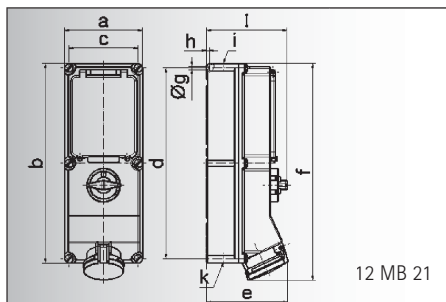


125	3		16 620					2	5740
125	4		16 930	16 621	16 831			2	5800
125	5			16 622				2	5900

Products 63A with PILOT contact use indicated part.-no. and add index „P“.

SURFACE MOUNTING SOCKET OUTLETS, Switched, Fused

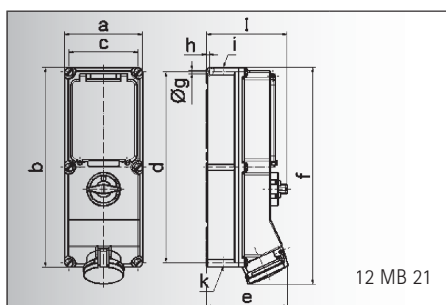
IEC 60309-1/2, EN 60309, VDE 0623
protection degree IP 44
transparent operating window and insert made of high-quality plastic



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	135,0	141,0	146,0	152,0	184,0	184,0
f	382,0	382,0	391,0	391,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40
l	156,0	156,0	156,0	156,0	189,0	189,0

Surface Mounting Socket Outlet

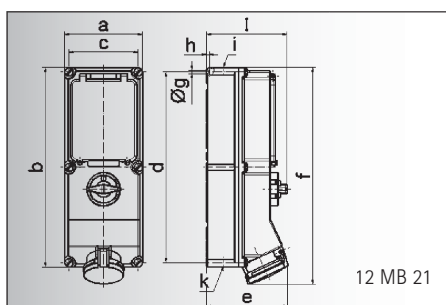
- switched
- in 0-position lockable
- with DIN rail
- 6 modules at 16A and 32A, 8 modules at 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 44



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	135,0	141,0	146,0	152,0	184,0	184,0
f	382,0	382,0	391,0	391,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40
l	156,0	156,0	156,0	156,0	189,0	189,0

Surface Mounting Socket Outlet

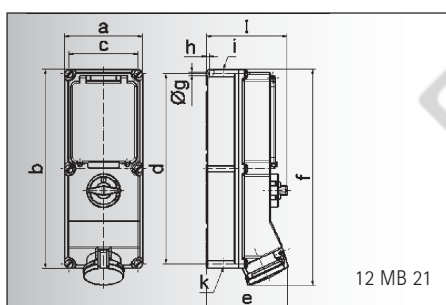
- switched
- in 0-position lockable
- with fuse base
- D 01 at 16A
- D 02 at 32A and 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 44



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	135,0	141,0	146,0	152,0	184,0	184,0
f	382,0	382,0	391,0	391,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40
l	156,0	156,0	156,0	156,0	189,0	189,0

Surface Mounting Socket Outlet

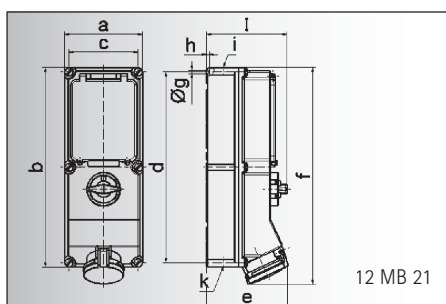
- switched
- in 0-position lockable
- with fuse base
- D II at 16A
- D III at 32A and 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 44



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	135,0	141,0	146,0	152,0	184,0	184,0
f	382,0	382,0	391,0	391,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40
l	156,0	156,0	156,0	156,0	189,0	189,0

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- fused with C-type MCB 3 pole
- 63A with box terminal and Kontex-Plus
- protection degree IP 44

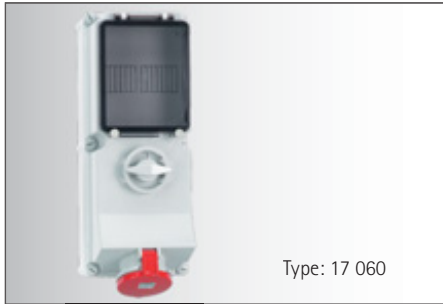


Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	135,0	141,0	146,0	152,0	184,0	184,0
f	382,0	382,0	391,0	391,0	500,0	500,0
g Ø	6,5	6,5	6,5	6,5	8,3	8,3
h	8,0	8,0	8,0	8,0	6,5	6,5
i	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40
l	156,0	156,0	156,0	156,0	189,0	189,0

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- fused with C-type MCB and RCD 25/0,03A at 16A, fused with C-type MCB and RCD 40/0,03A at 32A, with D 02 and RCD 63/0,03A at 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 44

Poles		110V 50-60 Hz		230V 50-60 Hz		400V 50-60 Hz		500V 50-60 Hz		100-300Hz > 50V		301-500Hz > 50V		Qty	
2P+E	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		9	each



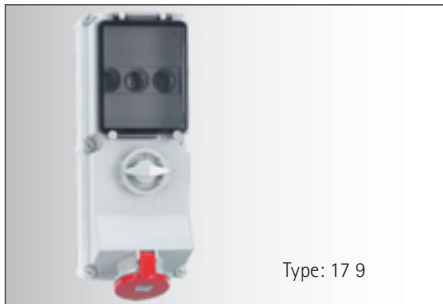
16	4		17 275	17 055	17 337					1	1960
16	5			17 056						1	2000
32	4		17 276	17 057	17 338					1	2100
32	5			17 058						1	2110
63	4		17 277	17 059	17 339					2	4300
63	5			17 060	17 847					2	4500

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



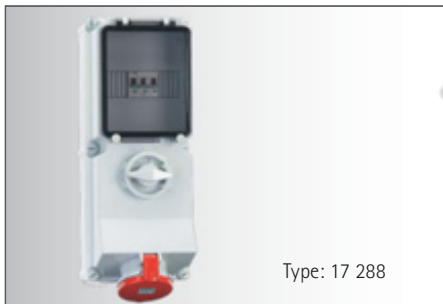
16	4		17 027	17 75						1	2200
16	5			17 76						1	2240
32	4		17 028	17 77						1	2400
32	5			17 78						1	2410
63	4		17 6	17 4						2	4700
63	5		17 7	17 5						2	4800

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



16	4		17 032	17 83	17 233					1	2370
16	5			17 84						1	2400
32	4		17 033	17 85	17 234					1	2720
32	5			17 86						1	2730
63	4		17 34	17 8	17 36					2	5000
63	5		17 35	17 9						2	5150

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



16	4		17 280	17 281						1	2350
16	5			17 282						1	2400
32	4		17 283	17 284						1	2500
32	5			17 285						1	2520
63	4		17 286	17 287						2	4700
63	5			17 288						2	5000

Products 63A with PILOT contact use indicated part.-no. and add index „P“.

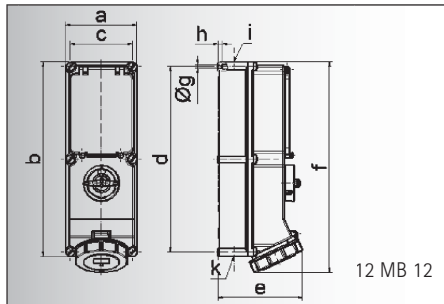


16	4		17 298	17 299						1	2650
16	5			17 300						1	2660
32	4		17 301	17 302						1	2830
32	5			17 303						1	2850
63	4		17 304	17 305						2	5050
63	5			17 306						2	5250

Products 63A with PILOT contact use indicated part.-no. and add index „P“.

SURFACE MOUNTING SOCKET OUTLETS, Switched, Fused

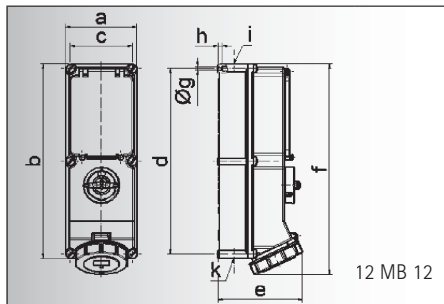
IEC 60309-1/2, EN 60309, VDE 0623
protection degree IP 67
operating window and socket insert made of high grade plastic



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	136,0	143,0	152,0	158,0	191,0	191,0
f	389,0	389,0	399,0	399,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

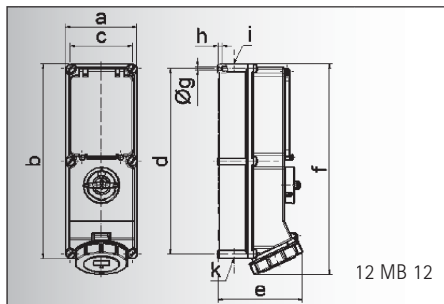
- switched
- in 0-position lockable
- with DIN rail
- 6 modules at 16A and 32A, 8 modules at 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	136,0	143,0	152,0	158,0	191,0	191,0
f	389,0	389,0	399,0	399,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

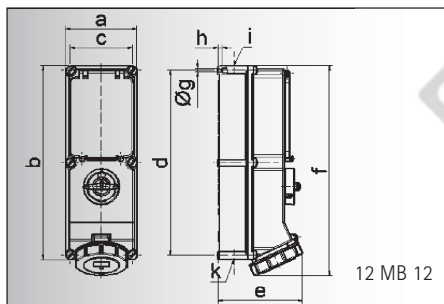
- switched
- in 0-position lockable
- with fuse base
- D 01 at 16A
- D 02 at 32A and 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	136,0	143,0	152,0	158,0	191,0	191,0
f	389,0	389,0	399,0	399,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

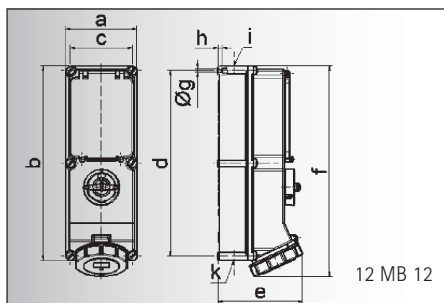
- switched
- in 0-position lockable
- with fuse base
- D II at 16A
- D III at 32A and 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	136,0	143,0	152,0	158,0	191,0	191,0
f	389,0	389,0	399,0	399,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- fused with C-type MCB C 3pole
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	136,0	143,0	152,0	158,0	191,0	191,0
f	389,0	389,0	399,0	399,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- fused with C-type MCB C and RCD 25/0,03A at 16A, with C-type MCB and RCD 40/0,03A at 32A, with D 02 and RCD 63/0,03A at 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 67

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



16	4		17 278	17 061	17 340				1	2000
16	5			17 062					1	2030
32	4		17 162	17 063	17 341				1	2150
32	5			17 064					1	2170
63	4		17 279	17 065	17 342				2	4450
63	5			17 066					2	4600

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



16	4		17 029	17 79					1	2230
16	5			17 80					1	2270
32	4		17 030	17 81					1	2450
32	5			17 82					1	2470
63	4		17 031	17 91					2	4750
63	5			17 92					2	4900

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



16	4		17 034	17 87	17 334				1	2390
16	5			17 88					1	2400
32	4		17 035	17 89	17 238				1	2770
32	5			17 90					1	2790
63	4		17 036	17 71	17 73				2	5100
63	5			17 70					2	5200

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



16	4		17 289	17 290					1	2400
16	5			17 291					1	2450
32	4		17 292	17 293					1	2550
32	5			17 294					1	2570
63	4		17 295	17 296					2	5000
63	5			17 297					2	5100

Products 63A with PILOT contact use indicated part.-no. and add index „P“.

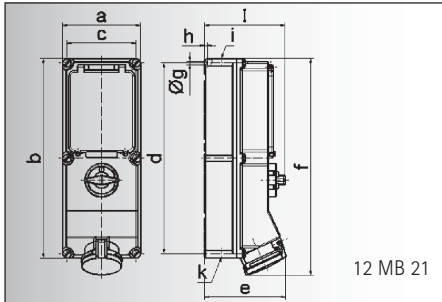


16	4		17 307	17 308					1	2670
16	5			17 309					1	2680
32	4		17 310	17 311					1	2900
32	5			17 312					1	2920
63	4		17 313	17 314					2	5200
63	5			17 315					2	5350

Products 63A with PILOT contact use indicated part.-no. and add index „P“.

SURFACE MOUNTING SOCKET OUTLETS, Switched, Fused

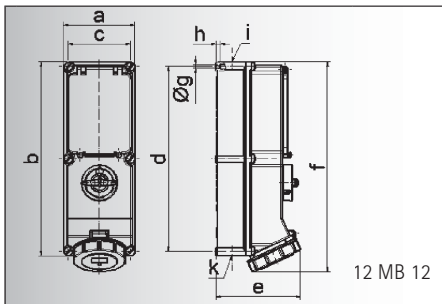
IEC 60309-1/2, EN 60309, VDE 0623
 protection degree IP 44, IP 67
 transparent operating window and insert made of high-quality plastic



Ampere	63	63
Poles	4	5
a	180,0	180,0
b	460,0	460,0
c	160,0	160,0
d	440,0	440,0
e	184,0	184,0
f	500,0	500,0
g Ø	8,3	8,3
h	6,5	6,5
i	M 40	M 40
k	M 32/40	M 32/40
l	189,0	189,0

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- with fuse disconnecter NH 00
- box terminal
- Kontex-Plus
- protection degree IP 44



Ampere	63	63
Poles	4	5
a	180,0	180,0
b	460,0	460,0
c	160,0	160,0
d	440,0	440,0
e	191,0	191,0
f	500,0	500,0
g Ø	8,3	8,3
h	6,5	6,5
i	M 40	M 40
k	M 32/40	M 32/40

Surface Mounting Socket Outlet

- switched
- in 0-position lockable
- with fuse disconnecter NH 00
- box terminal
- Kontex-Plus
- protection degree IP 67

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63	4		17 037	17 93	17 335			2	5150
63	5			17 94				2	5350
With PILOT contact use indicated part.-no. and add index „P“.									

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63	4		17 038	17 95	17 336			2	5300
63	5			17 96				2	5450
With PILOT contact use indicated part.-no. and add index „P“.									

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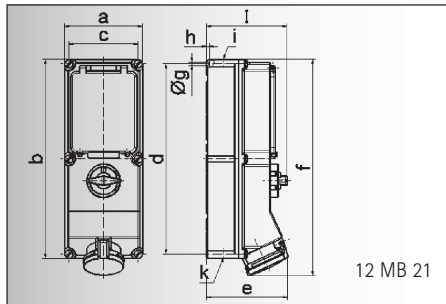
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SURFACE MOUNTING SOCKET OUTLETS, Switched, Interlocked, Fused

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

protection degree IP 44

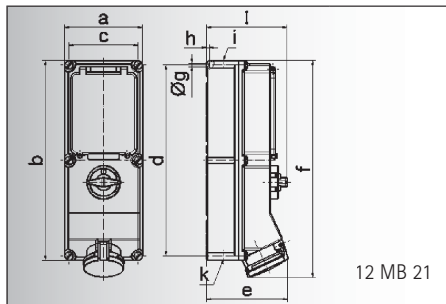
transparent operating window and insert made of high-quality plastic



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	135,0	141,0	146,0	152,0	184,0	184,0
f	382,0	382,0	391,0	391,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40
l	156,0	156,0	156,0	156,0	189,0	189,0

Surface Mounting Socket Outlet

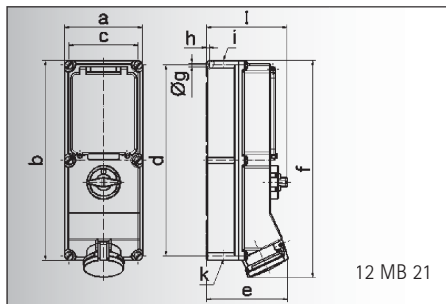
- switched
- interlocked
- in 0-position lockable
- with DIN rail
- 6 modules at 16A and 32A, 8 modules at 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 44



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	135,0	141,0	146,0	152,0	184,0	184,0
f	382,0	382,0	391,0	391,0	500,0	500,0
g Ø	6,5	6,5	6,5	8,3	8,3	8,3
h	8,0	8,0	8,0	8,0	6,5	6,5
i	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40
l	156,0	156,0	156,0	156,0	189,0	189,0

Surface Mounting Socket Outlet

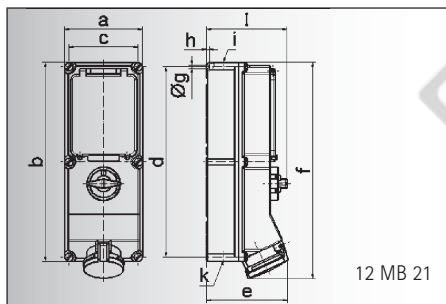
- switched
- interlocked
- in 0-position lockable
- with fuse base D 01 at 16A D 02 at 32A and 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 44



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	135,0	141,0	146,0	152,0	184,0	184,0
f	382,0	382,0	391,0	391,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40
l	156,0	156,0	156,0	156,0	189,0	189,0

Surface Mounting Socket Outlet

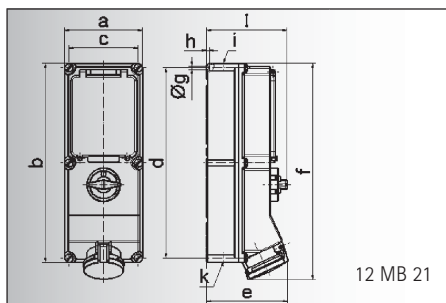
- switched
- interlocked
- in 0-position lockable
- with fuse base D II at 16A D III at 32A and 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 44



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	135,0	141,0	146,0	152,0	184,0	184,0
f	382,0	382,0	391,0	391,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40
l	156,0	156,0	156,0	156,0	189,0	189,0

Surface Mounting Socket Outlet

- switched
- interlocked
- in 0-position lockable
- fused with C-type MCB C 3pole
- 63A with box terminal and Kontex-Plus
- protection degree IP 44



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	135,0	141,0	146,0	152,0	184,0	184,0
f	382,0	382,0	391,0	391,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40
l	156,0	156,0	156,0	156,0	189,0	189,0

Surface Mounting Socket Outlet

- switched
- interlocked
- in 0-position lockable
- fused with C-type MCB and RCD 25/0,03A at 16A, with C-type MCB and RCD 40/0,03A at 32A, with D 02 and RCD 63/0,03A at 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 44

Poles		110V 50-60 Hz		230V 50-60 Hz		400V 50-60 Hz		500V 50-60 Hz		100-300Hz > 50V		301-500Hz > 50V		Qty	
3	2P+E	3	3P+E	4	3P+E	5	3P+N+E	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	9	each



16	4		17 165	17 164	17 166			1	2000
16	5			17 163				1	2010
32	4		17 167	17 168	17 169			1	2150
32	5			17 170				1	2160
63	4		17 521	17 522	17 523			2	4500
63	5			17 524				2	4650

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



16	4		17 039	17 97				1	2240
16	5			17 98				1	2250
32	4		17 040	17 99				1	2450
32	5			17 000				1	2460
63	4		17 525	17 526				2	4800
63	5			17 527				2	4900

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



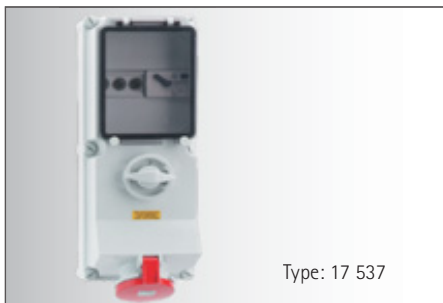
16	4		17 044	17 007	17 019			1	2400
16	5			17 008				1	2410
32	4		17 045	17 009	17 020			1	2770
32	5			17 010				1	2780
63	4		17 528	17 529	17 530			2	5100
63	5			17 531				2	5250

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



16	4		17 316	17 186				1	2380
16	5			17 187				1	2390
32	4		17 317	17 188				1	2520
32	5			17 189				1	2530
63	4		17 532	17 533				2	5000
63	5			17 534				2	5100

Products 63A with PILOT contact use indicated part.-no. and add index „P“.

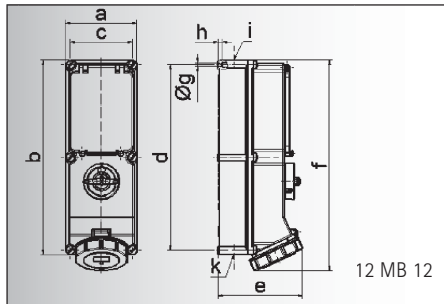


16	4		17 322	17 323				1	2690
16	5			17 343				1	2700
32	4		17 324	17 325				1	2880
32	5			17 344				1	2900
63	4		17 535	17 536				2	5200
63	5			17 537				2	5350

Products 63A with PILOT contact use indicated part.-no. and add index „P“.

SURFACE MOUNTING SOCKET OUTLETS, Switched, Interlocked, Fused

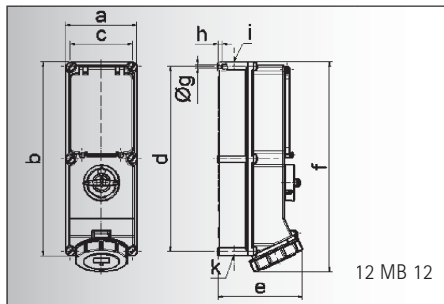
IEC 60309-1/2, EN 60309, VDE 0623
protection degree IP 67
transparent operating window and insert made of high-quality plastic



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	136,0	143,0	152,0	158,0	191,0	191,0
f	389,0	389,0	399,0	399,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

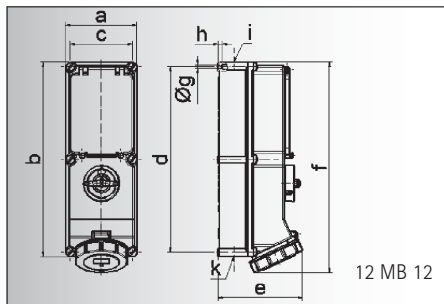
- switched
- interlocked
- in 0-position lockable
- with DIN rail
- 6 modules at 16A and 32A, 8 modules at 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	136,0	143,0	152,0	158,0	191,0	191,0
f	389,0	389,0	399,0	399,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

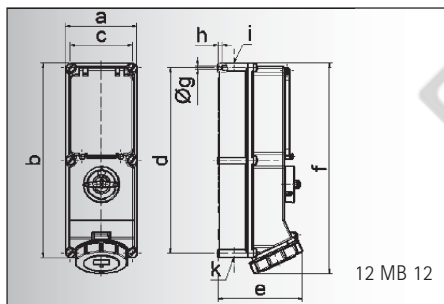
- switched
- interlocked
- in 0-position lockable
- with fuse base
D 01 at 16A
D 02 at 32A and 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	136,0	143,0	152,0	158,0	191,0	191,0
f	389,0	389,0	399,0	399,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

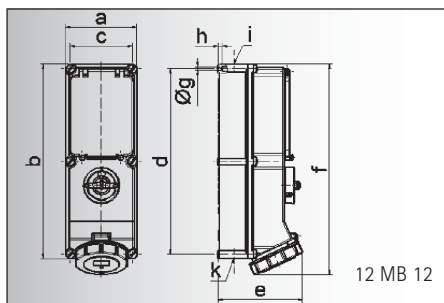
- switched
- interlocked
- in 0-position lockable
- with fuse base
D II at 16A
D III at 32A and 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	136,0	143,0	152,0	158,0	191,0	191,0
f	389,0	389,0	399,0	399,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

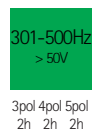
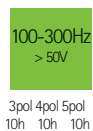
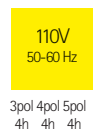
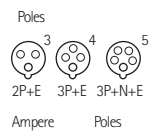
- switched
- interlocked
- in 0-position lockable
- fused with C-type MCB 3pole
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



Ampere	16	16	32	32	63	63
Poles	4	5	4	5	4	5
a	134,0	134,0	134,0	134,0	180,0	180,0
b	365,0	365,0	365,0	365,0	460,0	460,0
c	117,0	117,0	117,0	117,0	160,0	160,0
d	348,0	348,0	348,0	348,0	440,0	440,0
e	136,0	143,0	152,0	158,0	191,0	191,0
f	389,0	389,0	399,0	399,0	500,0	500,0
g Ø	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	M 25/32	M 25/32	M 32/40	M 32/40	M 40	M 40
k	M 25/32	M 25/32	M 32/40	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet

- switched
- interlocked
- in 0-position lockable
- fused with C-type MCB and RCD 25/0,03A at 16A, with C-type MCB and RCD 40/0,03A at 32A, with D 02 and RCD 63/0,03A at 63A
- 63A with box terminal and Kontex-Plus
- protection degree IP 67



16	4		17 175	17 176	17 177			1	2020
16	5			17 178				1	2030
32	4		17 179	17 180	17 181			1	2200
32	5			17 182				1	2220
63	4		17 538	17 539	17 540			2	4600
63	5			17 541				2	4700

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



16	4		17 041	17 001				1	2260
16	5			17 002				1	2300
32	4		17 042	17 003				1	2500
32	5			17 004				1	2520
63	4		17 542	17 543				2	4850
63	5			17 544				2	5000

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



16	4		17 046	17 011	17 021			1	2420
16	5			17 012				1	2430
32	4		17 047	17 013	17 022			1	2820
32	5			17 014				1	2840
63	4		17 545	17 546	17 547			2	5150
63	5			17 548				2	5300

Products 63A with PILOT contact use indicated part.-no. and add index „P“.



16	4		17 319	17 192				1	2400
16	5			17 193				1	2410
32	4		17 320	17 194				1	2580
32	5			17 195				1	2600
63	4		17 549	17 550				2	5050
63	5			17 551				2	5200

Products 63A with PILOT contact use indicated part.-no. and add index „P“.

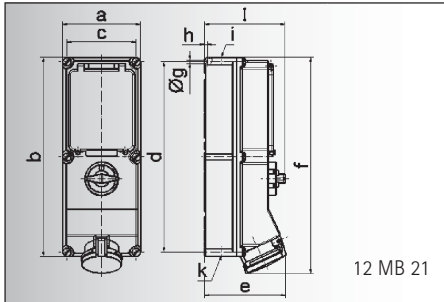


16	4		17 328	17 329				1	2720
16	5			17 345				1	2730
32	4		17 330	17 331				1	2950
32	5			17 346				1	2970
63	4		17 552	17 553				2	5250
63	5			17 554				2	5400

Products 63A with PILOT contact use indicated part.-no. and add index „P“.

SURFACE MOUNTING SOCKET OUTLETS, Switched, Interlocked, Fused

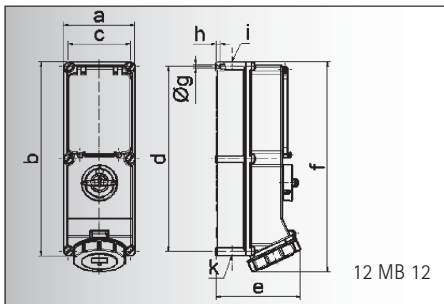
IEC 60309-1/2, EN 60309, VDE 0623
 protection degree IP 44, IP 67
 transparent operating window and insert made of high-quality plastic



Ampere	63	63
Poles	4	5
a	180,0	180,0
b	460,0	460,0
c	160,0	160,0
d	440,0	440,0
e	184,0	184,0
f	500,0	500,0
g Ø	8,3	8,3
h	6,5	6,5
i	M 40	M 40
k	M 32/40	M 32/40
l	189,0	189,0

Surface Mounting Socket Outlet

- switched
- interlocked
- in 0-position lockable
- with fuse disconnecter NH 00
- box terminal
- Kontex-Plus
- protection degree IP 44



Ampere	63	63
Poles	4	5
a	180,0	180,0
b	460,0	460,0
c	160,0	160,0
d	440,0	440,0
e	191,0	191,0
f	500,0	500,0
g Ø	8,3	8,3
h	6,5	6,5
i	M 40	M 40
k	M 32/40	M 32/40

Surface Mounting Socket Outlet

- switched
- interlocked
- in 0-position lockable
- with fuse disconnecter NH 00
- box terminal
- Kontex-Plus
- protection degree IP 67

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 www.FONLEE.COM.TW



63	4		17 555	17 556	17 557				1	5300
63	5			17 558					1	5450
With PILOT contact use indicated part.-no. and add index „P“.										



63	4		17 559	17 560	17 561				1	5400
63	5			17 562					1	5500
With PILOT contact use indicated part.-no. and add index „P“.										

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PLUGS AND SOCKETS, SCHUKO-TYPE

PLUGS AND SOCKETS, SCHUKO TYPE

splashproof and water pressure protection

Panel Mounting Socket Outlets, Surface Mounting Socket Outlets,
Plugs, Connectors, Three-Way Connectors, Multi Socket Outlets,
Extension Cables

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Socket Outlets
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Plugs
Page 118



Connectors
Page 118



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Outlets
IP degree 68
Page 119



Plugs
IP degree 68
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Appliance Inlets
with Flange
IP degree 68
Page 119



Connectors
IP degree 68
Page 120



Three-Way Connectors
Page 120



Multi Socket
Outlets
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Extension
Cables
Page 121



Preferred scopes



Construction Industry



Camping site



Industry



Building Services



Farming

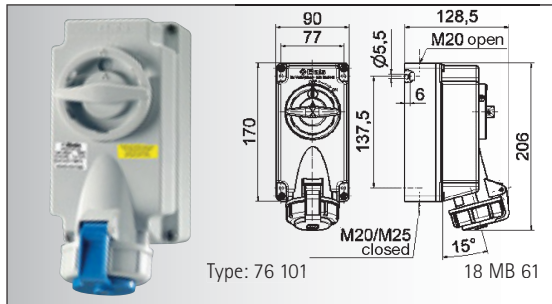


Harbour and Shipbuilding

SOCKET OUTLETS SCHUKO TYPE

16 A/ 250 V ~
VDE 0620 and -Zone 22

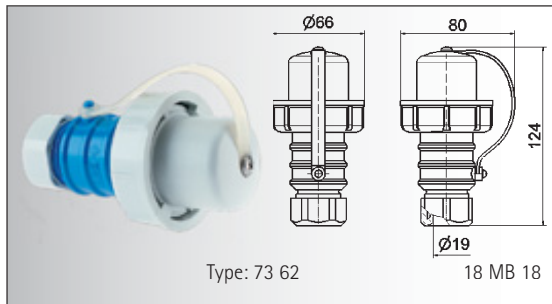
Colour	Cat. No.	
		Qty



Surface Mounting Socket Outlet Schuko Type

- switched and interlocked
- according to the EC-directive 94/9/EG for explosive areas
- with EC-type examination certificate
- -Zone 22
- protection degree IP 67

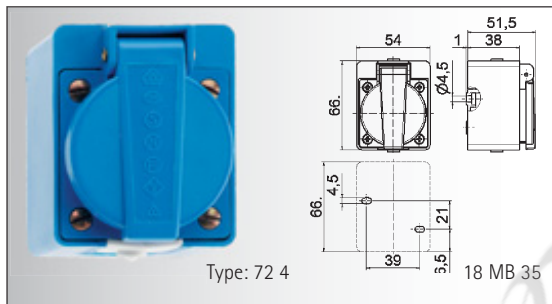
blue 76 101 1



Plug Schuko Type

- with closure cap
- according to the EC-directive 94/9/EG for explosive areas
- with EC-type examination certificate
- -Zone 22
- protection degree IP 67

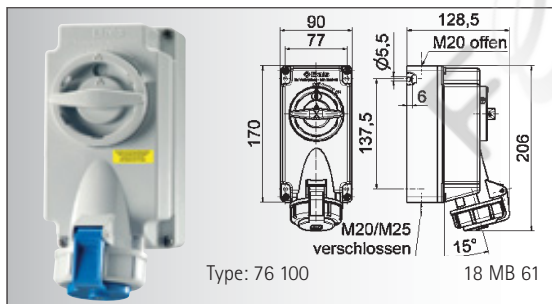
blue 73 62 1



Surface Mounting Socket Outlet Schuko Type

- protection degree IP 44 

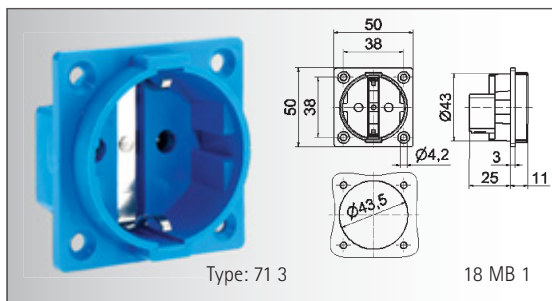
blue 72 4 20
grey 72 5 20
black 72 6 20



Surface Mounting Socket Outlet Schuko Type

- switched and electrical interlocking
- protection degree IP 67

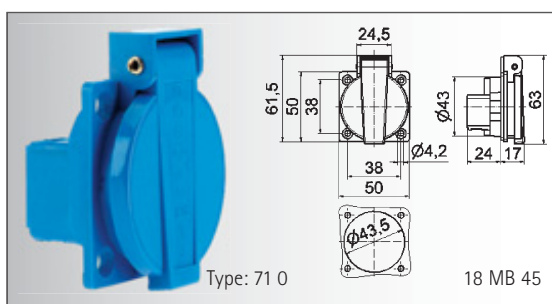
76 100 1



Panel Mounting Socket Outlet Schuko Type

- without hinged lid
- protection degree IP 20

	rear connect.	side connect.	
blue	71 3	71 6	20
grey	71 2	71 5	20
black	71 4	71 7	20



Panel Mounting Socket Outlet Schuko Type

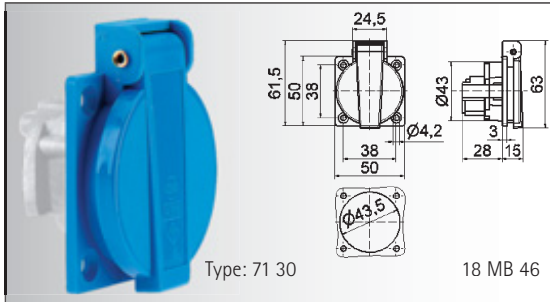
- with hinged lid
- protection degree IP 44 

	rear connect.	side connect.	
blue	71 0	71 1	20
grey	71 8	71 00	20
black	71 9	71 01	20

PANEL MOUNTING SOCKET OUTLETS SCHUKO TYPE

16 A/ 250 V ~
VDE 0620

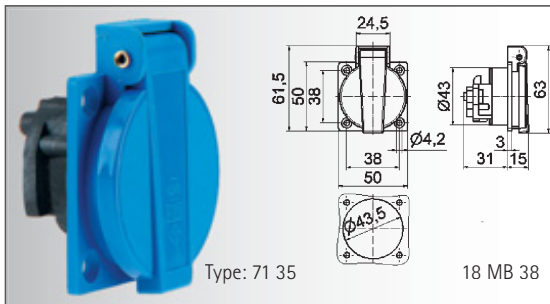
Colour	Cat. No.	Cat. No.	Qty
	rear connection	side connection	



Panel Mounting Socket Outlet Schuko Type

- terminals according BGV A2
- contact carrier Polyamide 6
- protection degree IP 44

blue	71 30	71 29	20
grey	71 32	71 31	20
black	71 34	71 33	20



Panel Mounting Socket Outlet Schuko Type

- high temperature resistant contact carrier
- terminals according BGV A2
- protection degree IP 44

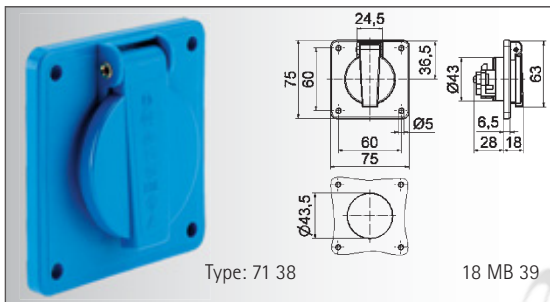
May be fitted with auxiliary contact see page 207.

German system

blue	71 35	20
grey	71 36	20
black	71 37	20

Belgian/French system

blue	71 39	20
grey	71 42	20



Panel Mounting socket Outlet Schuko Type

- high temperature resistant contact carrier
- terminals according BGV A2
- protection degree IP 44

German system

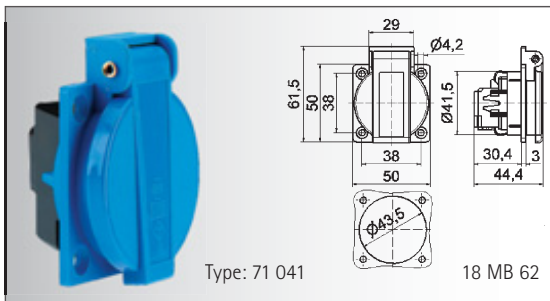
blue	71 38	20
------	-------	----

Belgian/French system

blue	71 40	20
------	-------	----

PANEL MOUNTING SOCKET OUTLETS SCHUKO TYPE SCREWLESS WITH TWIN TERMINAL

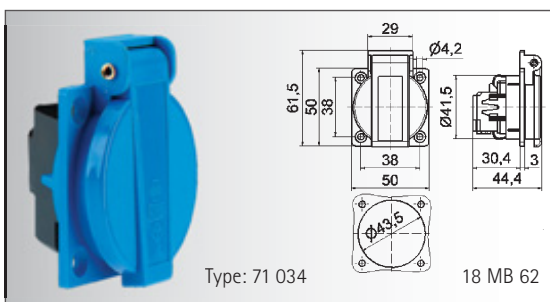
16 A/ 250 V ~
protection degree IP 54



Panel Mounting Socket Outlet Schuko Type

- screwless twin-terminal
- protection degree IP 54

blue	71 041	20
grey	71 049	20
black	71 047	20



Panel Mounting Socket Outlet Schuko Type

- screwless twin-terminal
- with shutter for child protection
- protection degree IP 54

German system

blue	71 034	20
grey	71 052	20
black	71 050	20

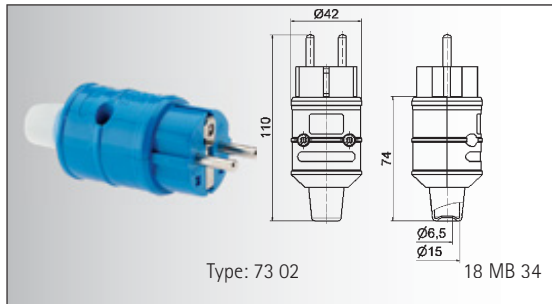
Belgian/French system

blue	71 042	20
grey	71 055	20
black	71 053	20

PLUGS AND CONNECTORS SCHUKO TYPE

16 A/ 250 V ~
VDE 0620
protection degree IP 44 and IP 54

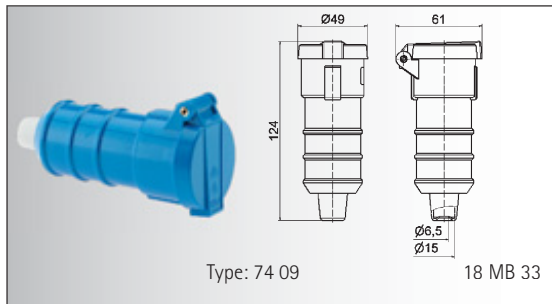
Colour	Cat. No.	Qty
--------	----------	-----



Plug Schuko Type

- with cable sleeve
- nickel plated contacts
- suitable for Belgian/French system
- protection degree IP 44

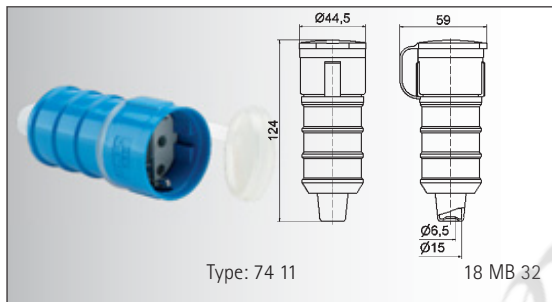
blue	73 02	20
grey	73 03	20
black	73 06	20



Connector Schuko Type

- with self closing hinged lid and cable sleeve
- protection degree IP 54

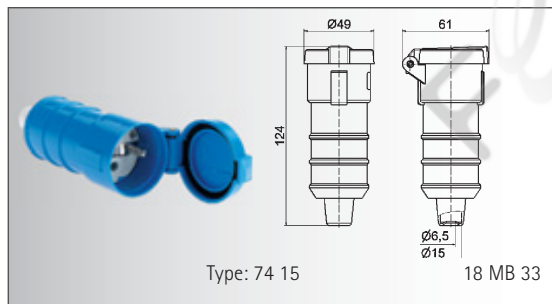
blue	74 09	20
grey	74 10	20
black	74 28	20



Connector Schuko Type

- with lid on string and cable sleeve
- protection degree IP 54

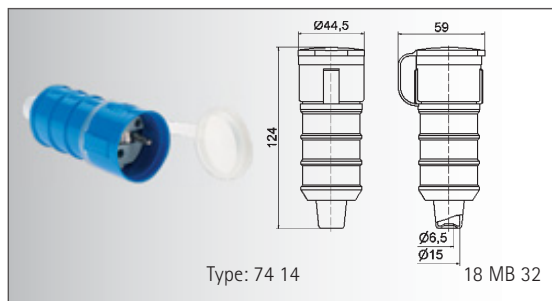
blue	74 11	20
grey	74 12	20
black	74 31	20



Connector Schuko Type

- for Belgian/French system
- with self closing hinged lid and cable sleeve
- protection degree IP 54

blue	74 15	20
------	-------	----



Connector Schuko Type

- for Belgian/French system
- with lid on string and cable sleeve
- protection degree IP 54

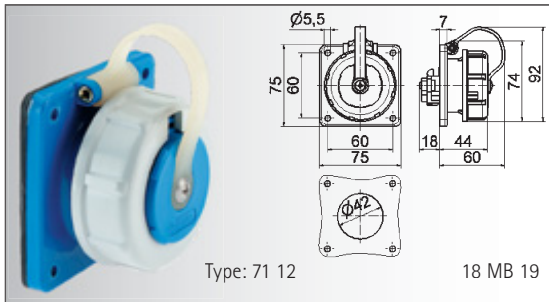
blue	74 14	20
grey	74 29	20
black	74 30	20

PANEL MOUNTING SOCKET OUTLETS, PLUGS AND APPLIANCE INLETS SCHUKO TYPE WITH FLANGE

16 A/ 250 V ~

VDE 0620, protection degree IP 68

Colour	Cat. No.	
		Qty



Panel Mounting Socket Outlet Schuko Type

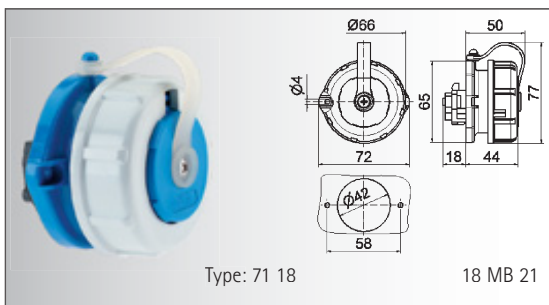
- protection degree IP 68 

German system

blue	71 12	10
grey	71 19	10

Belgian/French system

blue	71 53	10
grey	71 028	10



Panel Mounting Socket Outlet Schuko Type

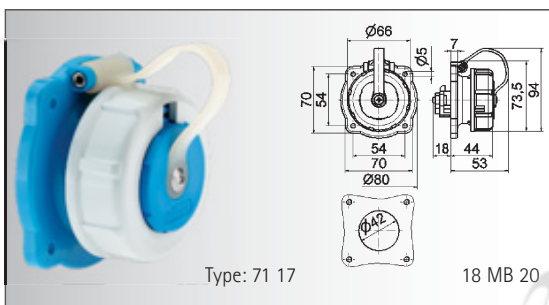
- protection degree IP 68 

German system

blue	71 18	10
grey	71 20	10

Belgian/French system

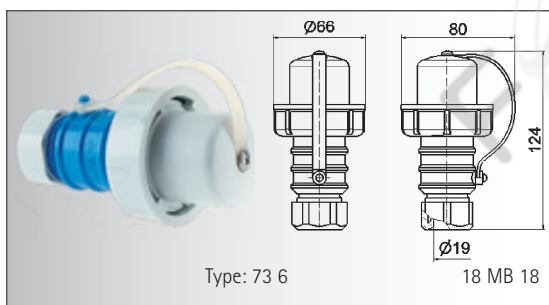
blue	71 029	10
grey	71 030	10



Panel Mounting Socket Outlet Schuko Type

- protection degree IP 68 

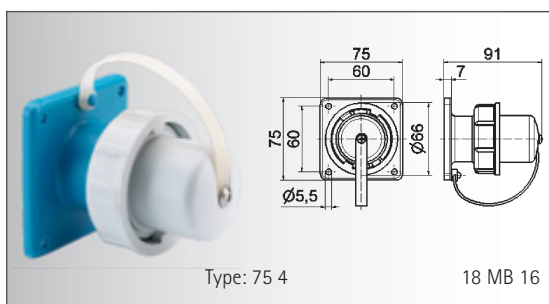
blue	71 17	10
grey	71 21	10



Plug Schuko Type

- with closure cap
- protection degree IP 68 

blue	73 6	10
grey	73 7	10



Appliance Inlet with Flange Schuko Type

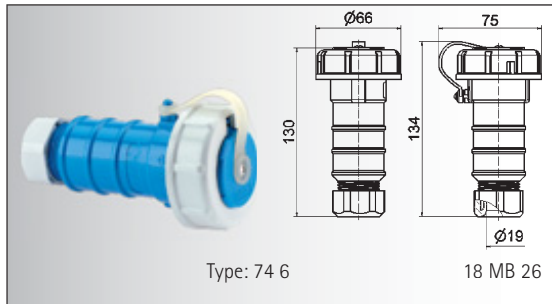
- with closure cap
- protection degree IP 68 

blue	75 4	10
grey	75 5	10

CONNECTORS AND MULTIPLE SOCKET OUTLETS SCHUKO TYPE

16 A/ 250 V~, VDE 0620
 protection degree IP 44, IP 67, IP 68

Colour	Cat. No.	Qty
--------	----------	-----



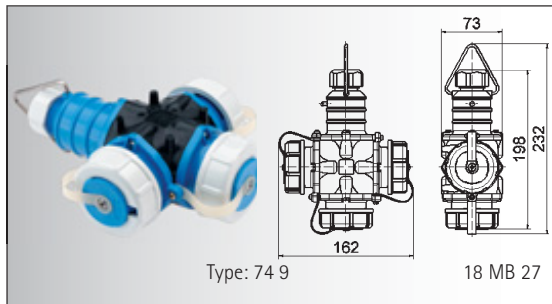
Connector Schuko Type German system

blue	74 6	10
grey	74 7	10

Belgian/French system

blue	74 16	10
grey	74 55	10

- protection degree IP 68



Three-Way Connector Schuko Type

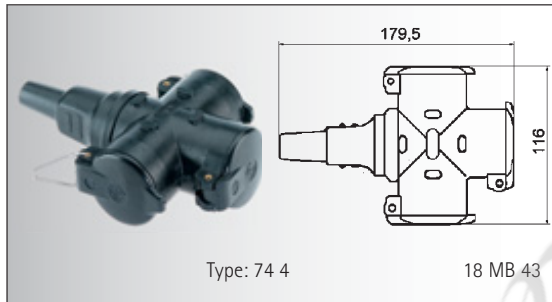
German system

blue	74 9	1
------	------	---

Belgian/French system

blue	74 32	1
------	-------	---

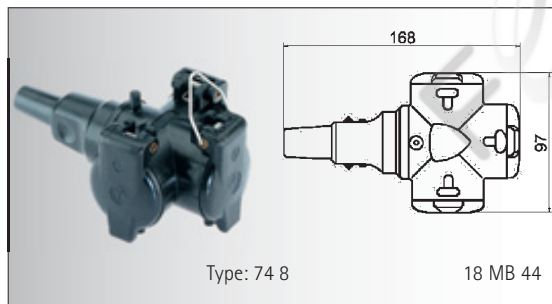
- with protective cover and suspension clip
- protection degree IP 67



Three-Way Connector Schuko Type

black	74 4	1
-------	------	---

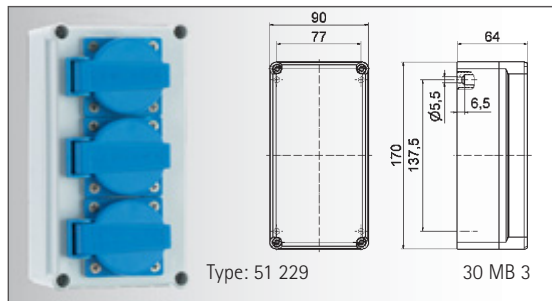
- (butyl-rubber)
- 3 hinged lid, sleeve, suspension clip
- according to 620 s./7.80 § 25
- protection degree IP 44



Three-way connector Schuko Type

black	74 8	1
-------	------	---

- (butyl-rubber)
- self closing hinged lid, sleeve, suspension clip
- protection degree IP 20



Multiple Socket Outlet Schuko Type

51 229	1
--------	---

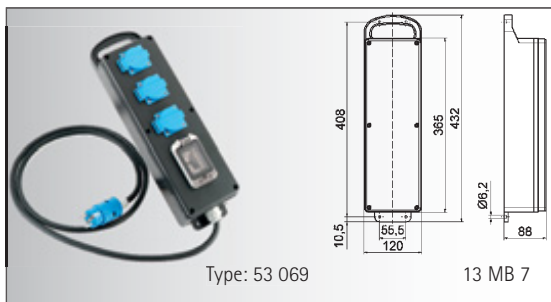
- with three socket-outlet schuko type
- cable entry:
 - 1xM20 on top (open)
 - 1xM20 and M 25 at bottom (closed)
- protection degree IP 20

MULTI SOCKET OUTLETS SCHUKO TYPE, EXTENSION CABLES

16 A/ 250 V ~

VDE 0620, protection degree IP 44 and IP 67, IP 68

Cat. No.



Distributor Schuko Type

input:

plug schuko type

with 1,8 m H07RN-F3G2,5 mm

outlet:

3 x **socket-outlet schuko type**

with RCD 25/0,03 A/ 2pol.

- protection degree IP 44

Other equipments on request.

53 069



Extension Cable
equipped with
plug schuko type
and connector

H07RN-F3G1,5

10 m length

81 89

H07RN-F3G2,5

10 m length

81 56

H07RN-F3G1,5

15 m length

81 90

H07RN-F3G2,5

15 m length

81 58

H07RN-F3G1,5

20 m length

81 91

H07RN-F3G2,5

20 m length

81 92

- protection degree IP 44



Extension Cable
equipped with
plug schuko type
and three-way connector

H07RN-F3G1,5

10 m length

81 93

H07RN-F3G2,5

10 m length

81 82

H07RN-F3G1,5

15 m length

81 94

H07RN-F3G2,5

15 m length

81 95

H07RN-F3G1,5

20 m length

81 96

H07RN-F3G2,5

20 m length

81 97

- protection degree IP 44



Extension Cable
plug schuko type
and connector

H07RN-F3G1,5

10 m length

81 98

H07RN-F3G2,5

10 m length

81 99

H07RN-F3G1,5

15 m length

81 000

H07RN-F3G2,5

15 m length

81 001

H07RN-F3G1,5

20 m length

81 002

H07RN-F3G2,5

20 m length

81 003

- protection degree IP 68



Extension Cable
plug schuko type
and three-way connector

H07RN-F3G1,5

10 m length

81 004

H07RN-F3G2,5

10 m length

81 005

H07RN-F3G1,5

15 m length

81 006

H07RN-F3G2,5

15 m length

81 007

H07RN-F3G1,5

20 m length

81 008

H07RN-F3G2,5

20 m length

81 009

- protection degree IP 67

FONVILLE

COMBINATIONS 

COMBINATIONS

Surface Mounting Socket Outlet Combinations, Portable Distribution, Distributor Units suspendible, Uni-Block-Distribution, Steel Bollards, Distribution Panels, Stainless Steel Distribution

TABLE OF CONTENTS

Surface Mounting
Socket Outlet
Combinations
Page 124-129



Portable Distribution
Units out of
rubber or plastic
Page 130 - 139



Distributor Units
suspendible
Page 140 - 143



Uni-Block-Distr., Cross-Distr.,
Multiblocks,
Energy Distribution
Page 144 - 149



Steel Bollards
Page 150, 151



7

Preferred scopes



Construction Industry



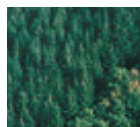
Camping site



Industry



Building Services



Farming



Harbour and Shipbuilding

SOCKET OUTLET COMBINATIONS, MADE OF HIGH GRADE PLASTIC

ready wired for installation, protection degree IP 44

housing made of high grade plastic

Schuko-socket outlet

CEE socket outlet

fuse protection

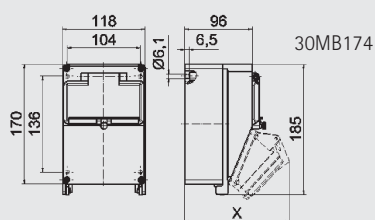
cable entry



dimension

170 x 118 mm

Max. 5 modules can be fixed in each operation window.



Position
01

dimension

170 x 118 mm

with operating window and hinged cover

x = 141 mm max. depth with equipment

reference:

51 510

socket outlet
schuko type 16 A, 230 V

1

CEE socket outlet

1 x 16A, 400V, 5p

fuse protection

1 x MCB C charac. 16A, 1p

cable entry

1 x M32 top (open)
1 x M32 bottom (closed)



Position
02

dimension

170 x 118 mm

with operating window and hinged cover

x = 149 mm max. depth with equipment

reference:

51 406

socket outlet
schuko type 16 A, 230 V

1

CEE socket outlet

1 x 32A, 400V, 5p

fuse protection

1 x MCB C charac. 16A, 1p

cable entry

1 x M32 top (open)
1 x M32 top (closed)
2 x M32 bottom (closed)



Position
03

dimension

170 x 118 mm

with operating window and hinged cover

x = 107 mm max. depth with equipment

reference:

51 446

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x RCD 25/0,03A, 2p

fuse protection

1 x RCD 25/0,03A, 2p

cable entry

1 x M25 top (open)
1 x M25 bottom (closed)



Position
04

dimension

170 x 118 mm

with operating window and hinged cover

x = 141 mm max. depth with equipment

reference:

510 413

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p

fuse protection

1 x RCD 25/0,03A, 2p

cable entry

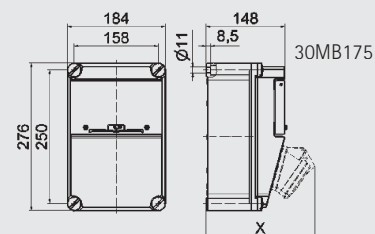
1 x M25 top (open)
1 x M25 top (closed)
2 x M25 bottom (closed)



dimension

276 x 184 mm

Max. 9 modules can be fixed in each operation window.



Position
05

dimension

276 x 184 mm

with operating window and hinged cover

x = 196 mm max. depth with equipment

reference:

519 923

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p
2 x MCB C charac. 16A, 1p
1 x MCB C charac. 16A, 3p

cable entry

1 x M40 top (open)
1 x M40 top (closed)
2 x M40 bottom (closed)

SOCKET OUTLET COMBINATIONS, MADE OF HIGH GRADE PLASTIC

ready wired for installation, protection degree IP 44

housing made of high grade plastic

	Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
Position 06 	dimension 276 x 184 mm with operating window and hinged cover x = 196 mm max. depth with equipment reference: 519 927	socket outlet schuko type 16 A, 230 V 2 CEE socket outlet 1 x 16A, 400V, 5p	fuse protection 2 x MCB C charac. 16A, 1p 1 x MCB C charac. 16A, 3p	cable entry 1 x M40 top (open) 1 x M40 top (closed) 2 x M40 bottom (closed)
Position 07 	dimension 276 x 184 mm with operating window and hinged cover x = 196 mm max. depth with equipment reference: 519 980	socket outlet schuko type 16 A, 230 V 2 CEE socket outlet 1 x 16A, 400V, 5p	fuse protection 1 x Neozed D01, 1p 1 x Neozed D01, 3p	cable entry 1 x M40 top (open) 1 x M40 top (closed) 2 x M40 bottom (closed)
Position 08 	dimension 276 x 184 mm with operating window and hinged cover x = 204 mm max. depth with equipment reference: 519 949	socket outlet schuko type 16 A, 230 V 2 CEE socket outlet 1 x 32A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p 2 x MCB C charac. 16A, 1p 1 x MCB C charac. 32A, 3p	cable entry 1 x M40 top (open) 1 x M40 top (closed) 2 x M40 bottom (closed)
Position 09 	dimension 276 x 184 mm with operating window and hinged cover x = 204 mm max. depth with equipment reference: 519 953	socket outlet schuko type 16 A, 230 V 2 CEE socket outlet 1 x 32A, 400V, 5p	fuse protection 2 x MCB C charac. 16A, 1p 1 x MCB C charac. 32A, 3p	cable entry 1 x M40 top (open) 1 x M40 top (closed) 2 x M40 bottom (closed)
Position 10 	dimension 276 x 184 mm with operating window and hinged cover x = 204 mm max. depth with equipment reference: 519 981	socket outlet schuko type 16 A, 230 V 2 CEE socket outlet 1 x 32A, 400V, 5p	fuse protection 2 x Neozed D01, 1p 1 x Neozed D02, 3p	cable entry 1 x M40 top (open) 1 x M40 top (closed) 2 x M40 bottom (closed)
Position 11 	dimension 276 x 184 mm with operating window and hinged cover x = 148 mm max. depth with equipment reference: 510 0321	socket outlet schuko type 16 A, 230 V 3 CEE socket outlet 1 x 32A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p 3 x MCB C charac. 16A, 1p	cable entry 1 x M32 top (open) 1 x M32 top (closed) 2 x M32 bottom (closed)

7

SOCKET OUTLET COMBINATIONS, MADE OF HIGH GRADE PLASTIC

ready wired for installation, protection degree IP 44
housing made of high grade plastic

Schuko-socket outlet

CEE socket outlet

fuse protection

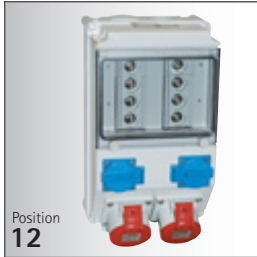
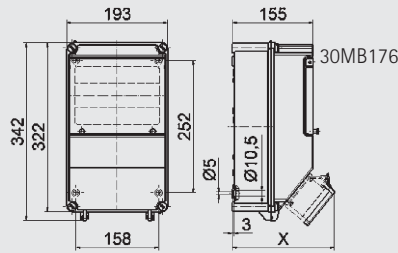
cable entry



dimension

322 x 193 mm

Max. 9 modules can be fixed in each operation window.



Position
12

dimension

322 x 193 mm

with operating window and hinged cover

x = 190 mm max. depth with equipment

reference:

54 005

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

2 x 16A, 400V, 5p

fuse protection

2 x Neozed D01, 1p

2 x Neozed D01, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)



Position
13

dimension

322 x 193 mm

with operating window and hinged cover

x = 200 mm max. depth with equipment

reference:

511 476

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p

1 x 32A, 400V, 5p

fuse protection

2 x MCB C charac. 16A, 1p

1 x MCB C charac. 16A, 3p

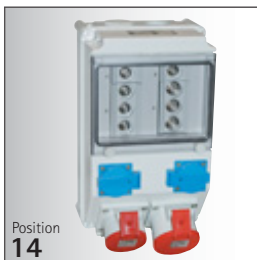
1 x MCB C charac. 32A, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)



Position
14

dimension

322 x 193 mm

with operating window and hinged cover

x = 200 mm max. depth with equipment

reference:

54 33

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p

1 x 32A, 400V, 5p

fuse protection

2 x Neozed D01, 1p

1 x Neozed D01, 3p

1 x Neozed D02, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)



Position
15

dimension

322 x 193 mm

with operating window and hinged cover

x = 200 mm max. depth with equipment

reference:

54 40

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

2 x 32A, 400V, 5p

fuse protection

2 x Neozed D01, 1p

2 x Neozed D02, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)



Position
16

dimension

322 x 193 mm

with operating window and hinged cover

x = 190 mm max. depth with equipment

reference:

512 488

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

2 x 16A, 400V, 5p

fuse protection

3 x MCB C charac. 16A, 1p

2 x MCB C charac. 16A, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)



Position
17

dimension

322 x 193 mm

with operating window and hinged cover

x = 200 mm max. depth with equipment

reference:

511 508

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

1 x 16A, 400V, 5p

1 x 32A, 400V, 5p

fuse protection

3 x MCB C charac. 16A, 1p

1 x MCB C charac. 16A, 3p

1 x MCB C charac. 32A, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)

SOCKET OUTLET COMBINATIONS, MADE OF HIGH GRADE PLASTIC

ready wired for installation, protection degree IP 44

housing made of high grade plastic

Schuko-socket outlet

CEE socket outlet

fuse protection

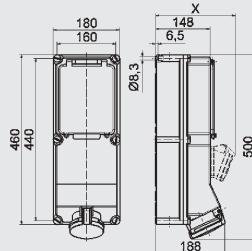
cable entry



dimension

460 x 180 mm

Max. 2 x 8 modules can be fixed in each operation window.



14MB034



Position
18

dimension

460 x 180 mm

with operating window

x = 217 mm max.
depth with equipment

reference:

51 862

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p

1 x 32A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p

2 x MCB C charac. 16A, 1p

1 x MCB C charac. 16A, 3p

1 x MCB C charac. 32A, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)



Position
19

dimension

460 x 180 mm

with operating window

x = 217 mm max.
depth with equipment

reference:

51 221

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p

1 x 32A, 400V, 5p

1 x 63A, 400V, 5p

fuse protection

2 x Neozed D01, 1p

1 x Neozed D01, 3p

1 x Neozed D02, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)



Position
20

dimension

460 x 180 mm

with operating window

x = 214 mm max. depth
with equipment

reference:

510 327

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

2 x 16A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p

3 x MCB C charac. 16A, 1p

2 x MCB C charac. 16A, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)



Position
21

dimension

460 x 180 mm

with operating window

x = 217 mm max.
depth with equipment

reference:

515 923

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

1 x 16A, 400V, 5p

1 x 32A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p

3 x MCB C charac. 16A, 1p

1 x MCB C charac. 16A, 3p

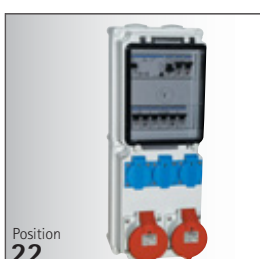
1 x MCB C charac. 32A, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)



Position
22

dimension

460 x 180 mm

with operating window

x = 214 mm max.
depth with equipment

reference:

510 627

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

2 x 32A, 400V, 5p

fuse protection

1 x RCD 63/0,03A, 4p

3 x MCB C charac. 16A, 1p

2 x MCB C charac. 32A, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)



Position
23

dimension

460 x 180 mm

with operating window

x = 217 mm max.
depth with equipment

reference:

518 563

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

2 x 32A, 400V, 5p

fuse protection

3 x MCB C charac. 16A, 1p

2 x MCB C charac. 32A, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)

SOCKET OUTLET COMBINATIONS, MADE OF HIGH GRADE PLASTIC

ready wired for installation, protection degree IP 44
housing made of high grade plastic

Schuko-socket outlet

CEE socket outlet

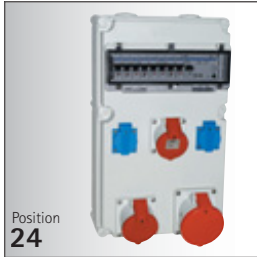
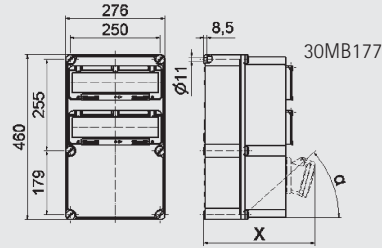
fuse protection

cable entry



dimension
460 x 276 mm

Max. 2 x 13 modules can be fixed in each operation window.



Position
24

dimension
460 x 276 mm
with operating window

x = 229 mm max.
depth with equipment

reference:
514 260

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p
1 x 32A, 400V, 5p
1 x 63A, 400V, 5p

fuse protection

1 x RCD 63/0,03A, 4p
2 x MCB C charac. 16A, 1p
1 x MCB C charac. 16A, 3p
1 x MCB C charac. 32A, 3p

cable entry

1 x M40 top (open)
1 x M40 top (closed)
2 x M40 bottom (closed)



Position
25

dimension
460 x 276 mm
with operating window

x = 217 mm max.
depth with equipment

reference:
512 326

socket outlet
schuko type 16 A, 230 V

4

CEE socket outlet

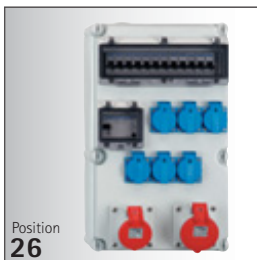
2 x 16A, 400V, 5p
1 x 32A, 400V, 5p

fuse protection

1 x RCD 63/0,03A, 4p
4 x MCB B charac. 16A, 1p
2 x MCB C charac. 16A, 3p
1 x MCB C charac. 32A, 3p

cable entry

1 x M40 top (open)
1 x M40 top (closed)
2 x M40 bottom (closed)



Position
26

dimension
460 x 276 mm
with operating window

x = 217 mm max. depth
with equipment

reference:
515 920

socket outlet
schuko type 16 A, 230 V

6

CEE socket outlet

1 x 16A, 400V, 5p
1 x 32A, 400V, 5p

fuse protection

1 x RCD 63/0,03A, 4p
6 x MCB B charac. 16A, 1p
1 x MCB C charac. 16A, 3p
1 x MCB C charac. 32A, 3p

cable entry

1 x M40 top (open)
1 x M40 top (closed)
2 x M40 bottom (closed)

SURFACE SOCKET OUTLET COMBINATIONS, MADE OF RUBBER

ready wired for installation, protection degree IP 44

housing made of high grade rubber

Schuko-socket outlet

CEE socket outlet

fuse protection

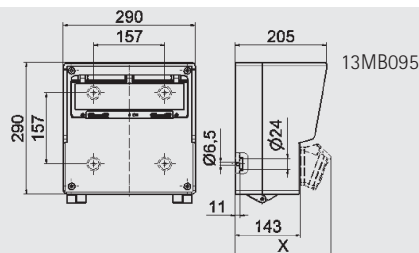
cable entry



dimension

290 x 290 mm

Max. 13 modules can be fixed in each operation window.



dimension

290 x 290 mm

with operating window

x = 203 mm max. depth with equipment

reference:

54 041

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

2 x 16A, 400V, 5p

fuse protection

2 x Neozed D01, 1p

2 x Neozed D01, 3p

cable entry

1 x M32 top (open)

1 x M32 bottom (closed)



dimension

290 x 290 mm

with operating window

x = 212 mm max. depth with equipment

reference:

54 040

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p

1 x 32A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p

2 x MCB B charac. 16A, 1p

1 x MCB C charac. 16A, 3p

1 x MCB C charac. 32A, 3p

cable entry

1 x M40 top (open)

1 x M40 bottom (closed)



dimension

290 x 290 mm

with operating window

x = 224 mm max. depth with equipment

reference:

541 587

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 63A, 400V, 5p

fuse protection

1 x RCD 63/0,03A, 4p

2 x MCB B charac. 16A, 1p

1 x Neozed D02, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

2 x M40 bottom (closed)



dimension

290 x 290 mm

with operating window

x = 212 mm max. depth with equipment

reference:

541 218

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

1 x 16A, 400V, 5p

1 x 32A, 400V, 5p

fuse protection

1 x RCD 63/0,03A, 4p

3 x MCB B charac. 16A, 1p

1 x MCB C charac. 16A, 3p

1 x MCB C charac. 32A, 3p

cable entry

1 x M40 top (open)

1 x M40 top (closed)

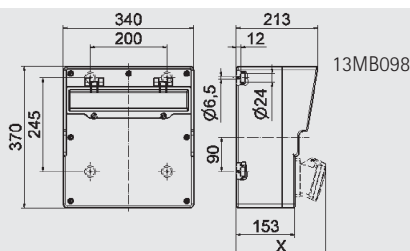
2 x M40 bottom (closed)



dimension

370 x 340 mm

Max. 17 modules can be fixed in each operation window.



dimension

370 x 340 mm

with operating window

x = 234 mm max. depth with equipment

reference:

540 736

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p

1 x 32A, 400V, 5p

1 x 63A, 400V, 5p

fuse protection

1 x RCD 63/0,03A, 4p

2 x Neozed D01, 1p

1 x Neozed D01, 3p

1 x Neozed D02, 3p

cable entry

1 x M40 bottom (open)

PORTABLE COMBINATION UNITS, MADE OF RUBBER

ready wired for installation, protection degree IP 44
housing made of high grade rubber

Schuko-socket outlet

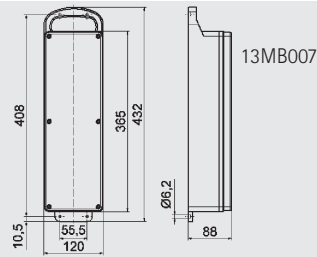
CEE socket outlet

fuse protection

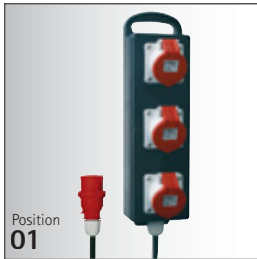
cable entry



Combination unit
dimension
365 x 120 mm



13MB007



Position
01

Combination unit
dimension
365 x 120 mm

reference:
53 10

socket outlet
schuko type 16 A, 230 V

CEE socket outlet

3 x 16A, 400V, 5p

fuse protection

cable entry

1 x plug (16A, 400V, 5p)
1,8m H07RN-F5 G2.5



Position
02

Combination unit
dimension
365 x 120 mm
with operating window

reference:
53 648

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p
2 x MCB B charac. 16A, 1p

cable entry

1 x plug (16A, 400V, 5p)
2m H07RN-F5 G2.5



Position
03

Combination unit
dimension
365 x 120 mm
with operating window

reference:
53 141

socket outlet
schuko type 16 A, 230 V

4

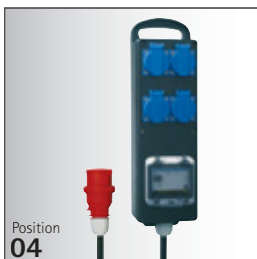
CEE socket outlet

fuse protection

1 x RCD 25/0,03A, 2p

cable entry

1 x plug schuko type
2m H07RN-F3 G2.5



Position
04

Combination unit
dimension
365 x 120 mm
with operating window

reference:
53 213

socket outlet
schuko type 16 A, 230 V

4

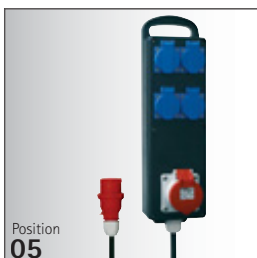
CEE socket outlet

fuse protection

1 x RCD 40/0,03A, 4p

cable entry

1 x plug (16A, 400V, 5p)
2m H07RN-F5 G2.5



Position
05

Combination unit
dimension
365 x 120 mm

reference:
53 290

socket outlet
schuko type 16 A, 230 V

4

CEE socket outlet

1 x 16A, 400V, 5p

fuse protection

cable entry

1 x plug (16A, 400V, 5p)
2m H07RN-F5 G2.5

PORTABLE COMBINATION UNITS, MADE OF RUBBER

ready wired for installation, protection degree IP 44

housing made of high grade rubber

Schuko-socket outlet

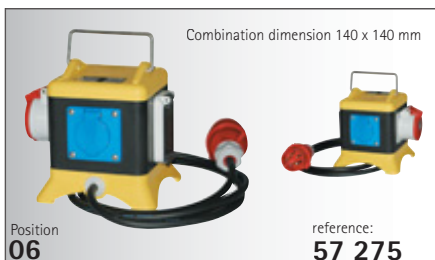
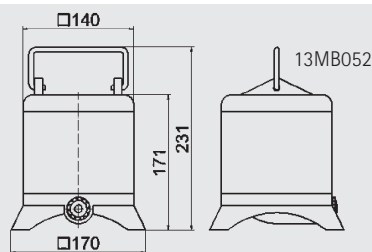
CEE socket outlet

fuse protection

cable entry



Combination dimension
140 x 140 mm



Combination dimension 140 x 140 mm

Position
06

reference:
57 275

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

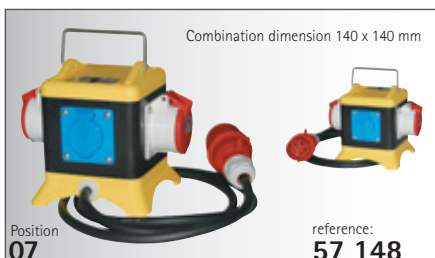
1 x 16A, 400V, 5p

fuse protection

1 x RCD 25/0,03A, 2p

cable entry

1 x plug (16A, 400V, 5p)
2m H07RN-F5 G1,5



Combination dimension 140 x 140 mm

Position
07

reference:
57 148

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

2 x 16A, 400V, 5p

fuse protection

cable entry

1 x plug (16A, 400V, 5p)
2m H07RN-F5 G2,5



Combination dimension 140 x 140 mm

Position
08

reference:
57 623

socket outlet
schuko type 16 A, 230 V

4

CEE socket outlet

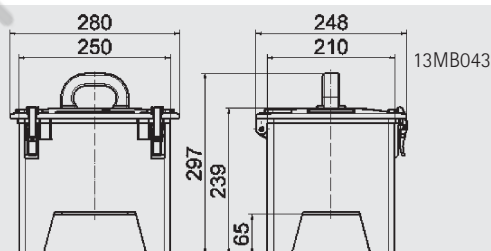
fuse protection

cable entry

1 x plug schuko type
4m H07RN-F3 G2,5



dimension dimension
250 x 210 mm



Portable Distributor 250 x 210 mm

Position
09

reference:
522 250

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

1 x 16A, 400V, 5p
1 x 32A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p
3 x MCB B charac. 16A, 1p
1 x MCB C charac. 16A, 3p

cable entry

1 x flange mounting
appliance inlet
(32A, 400V, 5p)



Portable Distributor 250 x 210 mm

Position
10

reference:
524 286

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

2 x 16A, 400V, 5p
2 x 32A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p
3 x MCB B charac. 16A, 1p
2 x MCB C charac. 16A, 3p

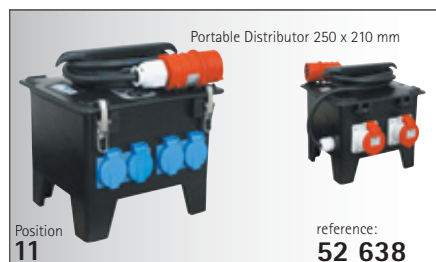
cable entry

1 x flange mounting
appliance inlet
(32A, 400V, 5p)

PORTABLE COMBINATION UNITS, MADE OF RUBBER

ready wired for installation, protection degree IP 44

housing made of high grade rubber



Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
4	2 x 16A, 400V, 5p	1 x RCD 40/0,03A, 4p	1 x plug (16A, 400V, 5p) 2m H07RN-F5 G2,5



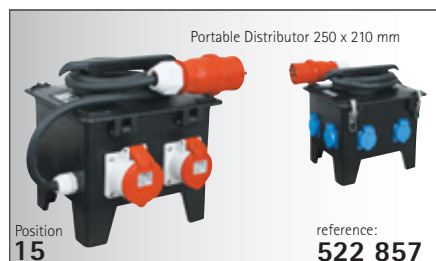
Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
4	2 x 16A, 400V, 5p	1 x RCD 40/0,03A, 4p	1 x flange mounting appliance inlet (16A, 400V, 5p)



Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
4	2 x 16A, 400V, 5p		1 x plug (16A, 400V, 5p) 2m H07RN-F5 G2,5



Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
4	2 x 16A, 400V, 5p		1 x flange mounting appliance inlet (16A, 400V, 5p)



Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
4	1 x 16A, 400V, 5p 1 x 32A, 400V, 5p	1 x RCD 40/0,03A, 4p 2 x MCB B charac. 16A, 1p 1 x MCB C charac. 16A, 3p	1 x plug (32A, 400V, 5p) 2m H07RN-F5 G4



Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
4	1 x 16A, 400V, 5p 1 x 32A, 400V, 5p	1 x RCD 40/0,03A, 4p 2 x MCB B charac. 16A, 1p 1 x MCB C charac. 16A, 3p	1 x flange mounting appliance inlet (32A, 400V, 5p)



Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
4	1 x 16A, 400V, 5p 2 x 32A, 400V, 5p	1 x RCD 40/0,03A, 4p 4 x MCB B charac. 16A, 1p 1 x MCB C charac. 16A, 3p	1 x flange mounting appliance inlet (32A, 400V, 5p)

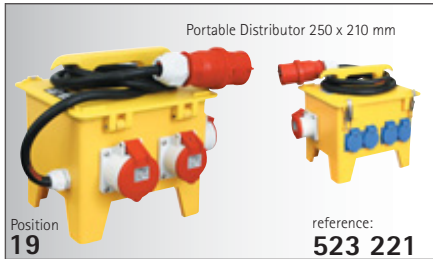
PORTABLE COMBINATION UNITS, MADE OF RUBBER

ready wired for installation, protection degree IP 44

housing made of high grade rubber



Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
4	2 x 16A, 400V, 5p 1 x 32A, 400V, 5p	1 x RCD 40/0,03A, 4p 4 x MCB B charac. 16A, 1p 2 x MCB C charac. 16A, 3p	1 x flange mounting appliance inlet (32A, 400V, 5p)



Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
4	2 x 16A, 400V, 5p 1 x 32A, 400V, 5p	2 x Neozed D01, 1p 2 x Neozed D01, 3p	1 x plug (32A, 400V, 5p) 2m H07RN-F5 G4



Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
4	2 x 16A, 400V, 5p 1 x 32A, 400V, 5p	2 x Neozed D01, 1p 2 x Neozed D01, 3p	1 x flange mounting appliance inlet (32A, 400V, 5p)



Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
5	2 x 16A, 400V, 5p	1 x RCD 40/0,03A, 4p 5 x MCB B charac. 16A, 1p 2 x MCB C charac. 16A, 3p	1 x flange mounting appliance inlet (32A, 400V, 5p)



Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
5	2 x 16A, 400V, 5p		1 x flange mounting appliance inlet (16A, 400V, 5p)



Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
6	2 x 16A, 400V, 5p 1 x 32A, 400V, 5p	1 x RCD 40/0,03A, 4p 3 x MCB C charac. 16A, 1p 1 x MCB C charac. 16A, 3p	1 x flange mounting appliance inlet with Phase inverter (32A, 400V, 5p)

7

PORTABLE COMBINATION UNITS, MADE OF RUBBER

ready wired for installation, protection degree IP 44

housing made of high grade rubber

Schuko-socket outlet

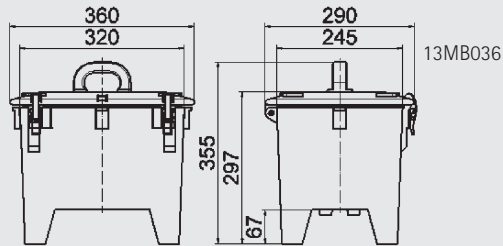
CEE socket outlet

fuse protection

cable entry



dimension
320 x 245 mm



socket outlet
schuko type 16 A, 230 V

4

CEE socket outlet

1 x 16A, 400V, 5p
1 x 32A, 400V, 5p
1 x 63A, 400V, 5p

fuse protection

1 x RCD 63/0,03A, 4p
2 x MCB B charac. 16A, 1p
1 x MCB C charac. 16A, 3p
1 x MCB C charac. 32A, 3p

cable entry

1 x plug (63A, 400V, 5p)
3m H07RN-F5 G10



socket outlet
schuko type 16 A, 230 V

4

CEE socket outlet

1 x 16A, 400V, 5p
1 x 32A, 400V, 5p
1 x 63A, 400V, 5p

fuse protection

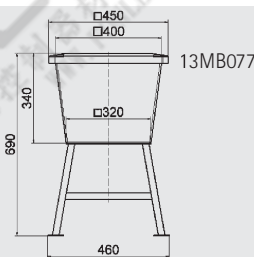
1 x RCD 63/0,03A, 4p
2 x Neozed D01, 1p
1 x Neozed D01, 3p
1 x Neozed D02, 3p

cable entry

1 x appliance inlet with
flange
(63A, 400V, 5p)



dimension
450 x 450 mm



socket outlet
schuko type 16 A, 230 V

6

CEE socket outlet

1 x 16A, 230V, 3p
1 x 16A, 400V, 5p
1 x 32A, 400V, 5p
1 x 63A, 400V, 5p

fuse protection

1 x RCD 63/0,03A, 4p
6 x MCB B charac. 16A, 1p
1 x MCB C charac. 16A, 1p
1 x MCB C charac. 16A, 3p
1 x MCB C charac. 32A, 3p

cable entry

1 x appliance inlet with
flange
(63A, 400V, 5p)

PORTABLE COMBINATION UNITS, MADE OF RUBBER

ready wired for installation, protection degree IP 44

housing made of high grade rubber

Schuko-socket outlet

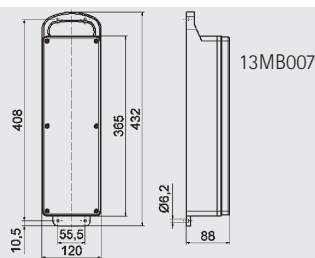
CEE socket outlet

fuse protection

cable entry



Combination unit
dimension
365 x 120 mm



Position
27

Combination unit
dimension
365 x 120 mm
with operating window

reference:
53 420

socket outlet
schuko type 16 A, 230 V

CEE socket outlet

2 x 16A, 400V, 5p

fuse protection

2 x MCB C charac. 16A, 3p

cable entry

**1 x plug (32A, 400V, 5p)
2m H07RN-F5 G6**



Position
28

Combination unit
dimension
365 x 120 mm
with operating window

reference:
53 934

socket outlet
schuko type 16 A, 230 V

CEE socket outlet

**1 x 16A, 400V, 5p
1 x 32A, 400V, 5p**

fuse protection

**1 x RCD 40/0,03A, 4p
1 x MCB C charac. 16A, 3p**

cable entry

**1 x plug (32A, 400V, 5p)
2m H07RN-F5 G6**



Position
29

Combination unit
dimension
365 x 120 mm

reference:
53 525

socket outlet
schuko type 16 A, 230 V

CEE socket outlet

3 x 32A, 400V, 5p

fuse protection

cable entry

**1 x plug (32A, 400V, 5p)
2m H07RN-F5 G4**



Position
30

Combination unit
dimension
365 x 120 mm
with operating window

reference:
53 38

socket outlet
schuko type 16 A, 230 V

CEE socket outlet

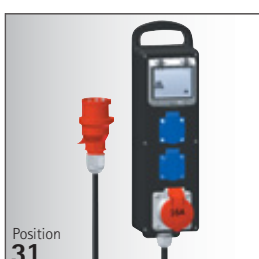
2

fuse protection

1 x RCD 25/0,03A, 2p

cable entry

**1 x plug schuko type
2m H07RN-F3 G1,5**



Position
31

Combination unit
dimension
365 x 120 mm
with operating window

reference:
53 0

socket outlet
schuko type 16 A, 230 V

CEE socket outlet

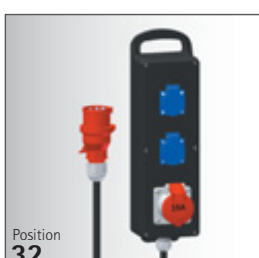
1 x 16A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p

cable entry

**1 x plug (16A, 400V, 5p)
1,8m H07RN-F5 G2,5**



Position
32

Combination unit
dimension
365 x 120 mm

reference:
53 11

socket outlet
schuko type 16 A, 230 V

CEE socket outlet

1 x 16A, 400V, 5p

fuse protection

cable entry

**1 x plug (16A, 400V, 5p)
1,8m H07RN-F5 G2,5**

PORTABLE COMBINATION UNITS, MADE OF RUBBER

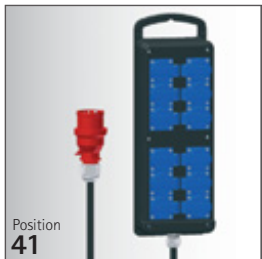
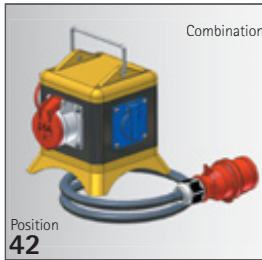
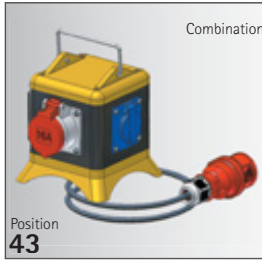
ready wired for installation, protection degree IP 44
housing made of high grade rubber

Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 1 x 32A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p 2 x MCB B charac. 16A, 1p	cable entry 1 x Plug (32A, 400V, 5p) 2m H07RN-F5 G4
socket outlet schuko type 16 A, 230 V 3	CEE socket outlet	fuse protection	cable entry 1 x plug schuko type 2m H07RN-F3 G2,5
socket outlet schuko type 16 A, 230 V 6	CEE socket outlet	fuse protection	cable entry 1 x plug schuko type 2m H07RN-F3 G2,5
socket outlet schuko type 16 A, 230 V 6	CEE socket outlet	fuse protection	cable entry 1 x Plug (16A, 400V, 5p) 2m H07RN-F5 G2,5
<			

PORTABLE COMBINATION UNITS, MADE OF RUBBER

ready wired for installation, protection degree IP 44

housing made of high grade rubber

		Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
 Position 39	Combination unit dimension 400 x 150 mm with operating window reference: 53 681	socket outlet schuko type 16 A, 230 V 6	CEE socket outlet 1 x 16A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p	cable entry 1 x Plug (16A, 400V, 5p) 2m H07RN-F5 G2,5
 Position 40	Combination unit dimension 400 x 150 mm with operating window reference: 53 932	socket outlet schuko type 16 A, 230 V 6	CEE socket outlet 1 x 32A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p 3 x MCB B charac. 16A, 1p	cable entry 1 x Plug (32A, 400V, 5p) 2m H07RN-F5 G4
 Position 41	Combination unit dimension 400 x 150 mm reference: 53 679	socket outlet schuko type 16 A, 230 V 12	CEE socket outlet	fuse protection	cable entry 1 x Plug (16A, 400V, 5p) 2m H07RN-F5 G2,5
 Position 42	Combination dimension 140 x 140 mm reference: 57 779	socket outlet schuko type 16 A, 230 V 1	CEE socket outlet 2 x 16A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p	cable entry 1 x Plug (16A, 400V, 5p) 2m H07RN-F5 G2,5
 Position 43	Combination dimension 140 x 140 mm reference: 57 996	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 1 x 16A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p	cable entry 1 x Phase inverter (16A, 400V, 5p) 2m H07RN-F5 G2,5
 Position 44	Combination dimension 140 x 140 mm reference: 57 255	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 1 x 16A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p	cable entry 1 x Plug (16A, 400V, 5p) 2m H07RN-F5 G2,5

Other configurations are available on request.request.

PORTABLE COMBINATION UNITS, MADE OF HIGH GRADE PLASTIC

ready wired for installation, protection degree IP 44
housing made of high grade plastic

Schuko-socket outlet

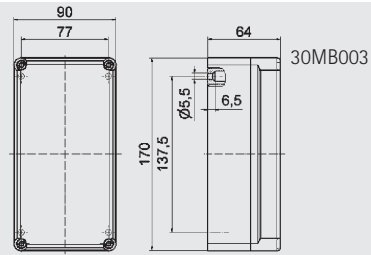
CEE socket outlet

fuse protection

cable entry



Portable Distributor
dimension
170 x 90 mm



Portable Distributor
dimension
170 x 90 mm

reference:

55 08

socket outlet
schuko type 16 A, 230 V

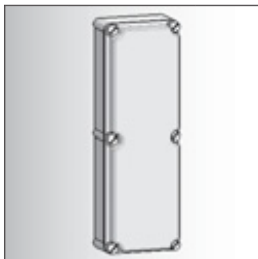
3

CEE socket outlet

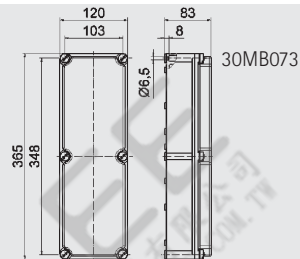
fuse protection

cable entry

**1 x plug schuko type
1,8m H07RN-F3 G1,5**



Portable Distributor
dimension
365 x 120 mm



Portable Distributor
dimension
365 x 120 mm

reference:

55 195

socket outlet
schuko type 16 A, 230 V

5

CEE socket outlet

1 x 16A, 230V, 3p

fuse protection

cable entry

**1 x Plug (16A, 230V, 3p)
1,8m H07RN-F3 G2,5**

PORTABLE COMBINATION UNITS, MADE OF HIGH GRADE PLASTIC

ready wired for installation, protection degree IP 44

housing made of high grade plastic

Schuko-socket outlet

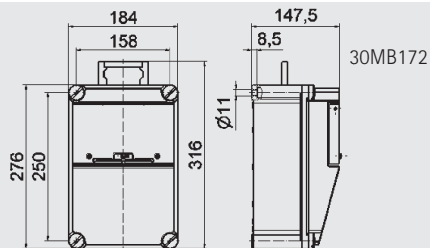
CEE socket outlet

fuse protection

cable entry



Portable Distributor
dimension
276 x 184 mm



Portable Distributor
dimension
276 x 184 mm

reference:

55 639

socket outlet
schuko type 16 A, 230 V

CEE socket outlet

4 x 16A, 400V, 5p

fuse protection

cable entry

1 x Plug (16A, 400V, 5p)
1,8m H07RN-F5 G2,5



Portable Distributor
dimension
276 x 184 mm

reference:

55 641

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p

cable entry

1 x Plug (16A, 400V, 5p)
1,8m H07RN-F5 G2,5



Portable Distributor
dimension
276 x 184 mm

reference:

55 637

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

2 x 16A, 400V, 5p

fuse protection

cable entry

1 x Plug (16A, 400V, 5p)
1,8m H07RN-F5 G2,5



Portable Distributor
dimension
276 x 184 mm

reference:

55 640

socket outlet
schuko type 16 A, 230 V

4

CEE socket outlet

fuse protection

1 x RCD 25/0,03A, 2p

cable entry

1 x plug schuko type
1,8m H07RN-F3 G2,5



Portable Distributor
dimension
276 x 184 mm

reference:

55 638

socket outlet
schuko type 16 A, 230 V

6

CEE socket outlet

fuse protection

cable entry

1 x Plug (16A, 400V, 5p)
1,8m H07RN-F5 G2,5

DISTRIBUTOR UNITS SUSPENSIBLE, MADE OF HIGH GRADE PLASTIC

ready wired for installation, protection degree IP 44
housing made of high grade plastic

Schuko-socket outlet

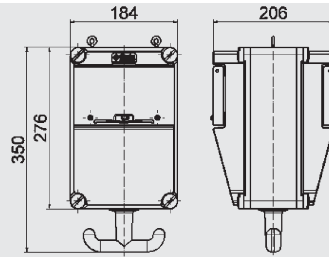
CEE socket outlet

fuse protection

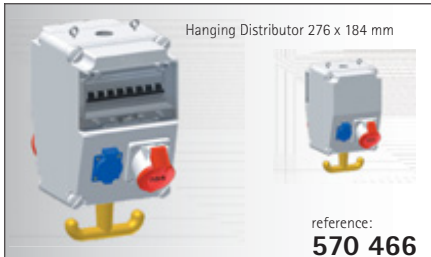
cable entry



Hanging Connectors
dimension
276 x 184 mm



30MB186



socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p
1 x 32A, 400V, 5p

fuse protection

2 x MCB B charac. 16A, 1p
1 x MCB C charac. 16A, 3p
1 x MCB C charac. 32A, 3p

cable entry

1 x M32 on top (open)



socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

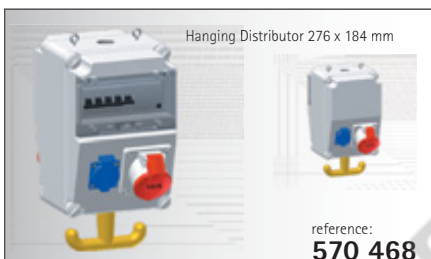
1 x 16A, 400V, 5p
1 x 32A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p
2 x MCB B charac. 16A, 1p
1 x MCB C charac. 16A, 3p
1 x MCB C charac. 32A, 3p

cable entry

1 x M40 on top



socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p
1 x 32A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p
1 x MCB B charac. 16A, 1p
1 x MCB C charac. 16A, 3p

cable entry

1 x M32 on top (open)



socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

2 x 16A, 400V, 5p

fuse protection

2 x MCB B charac. 16A, 1p
2 x MCB C charac. 16A, 3p

cable entry

1 x M32 on top (open)
compr. air connection:
input:
cable sleeve NW 13 mm
output:
1/2" fast connector

DISTRIBUTOR UNITS SUSPENDIBLE, MADE OF RUBBER

ready wired for installation, protection degree IP 44

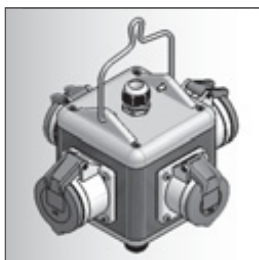
housing made of high grade rubber

Schuko-socket outlet

CEE socket outlet

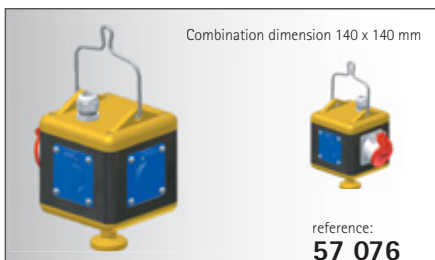
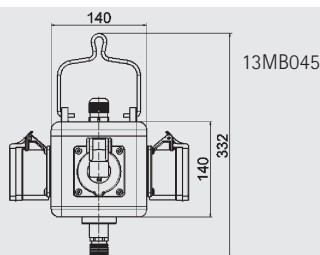
fuse protection

cable entry



Combination dimension
140 x 140 mm

The measurements are with the equipment of CEE socket 32A 5p.



socket outlet
schuko type 16 A, 230 V

3

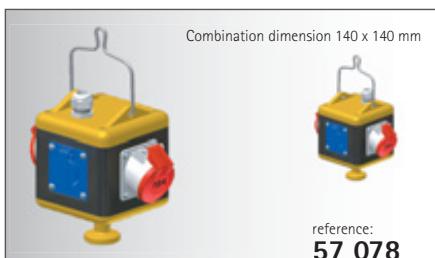
CEE socket outlet

1 x 16A, 400V, 5p

fuse protection

cable entry

1 x M25



socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

2 x 16A, 400V, 5p

fuse protection

cable entry

1 x M25



socket outlet
schuko type 16 A, 230 V

1*

CEE socket outlet

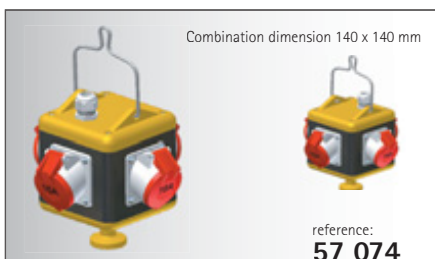
1 x 16A, 400V, 5p*
1 x 32A, 400V, 5p*

fuse protection

1 x MCB B charac. 16A, 1p
1 x MCB C charac. 16A, 3p

cable entry

1 x M25



socket outlet
schuko type 16 A, 230 V

4

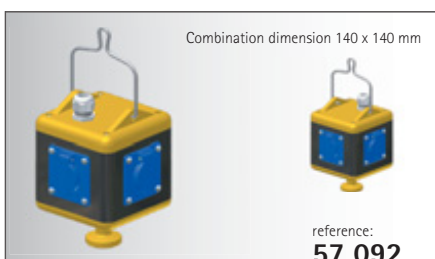
CEE socket outlet

4 x 16A, 400V, 5p

fuse protection

cable entry

1 x M25



socket outlet
schuko type 16 A, 230 V

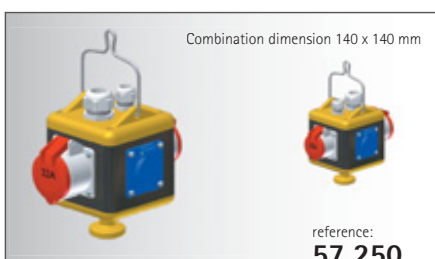
4

CEE socket outlet

fuse protection

cable entry

1 x M25



socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p
1 x 32A, 400V, 5p

fuse protection

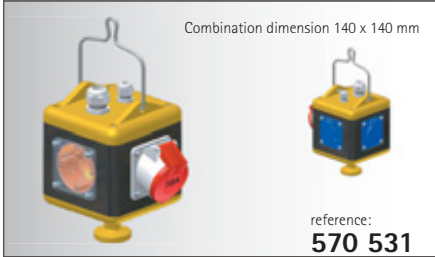
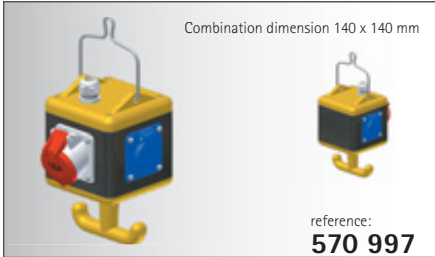
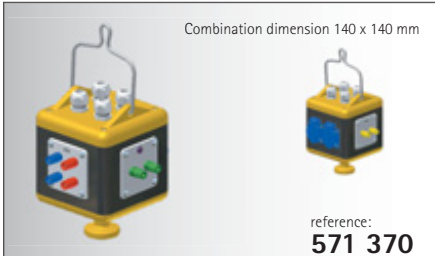
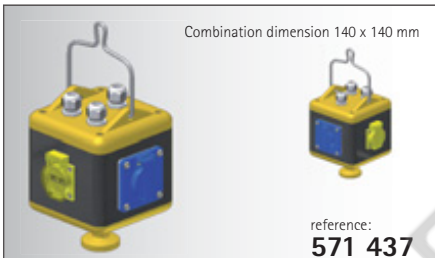
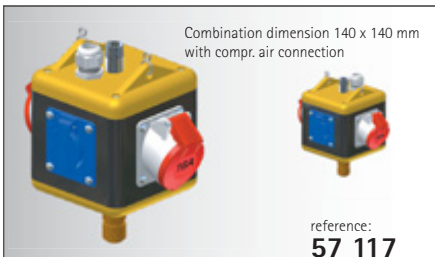
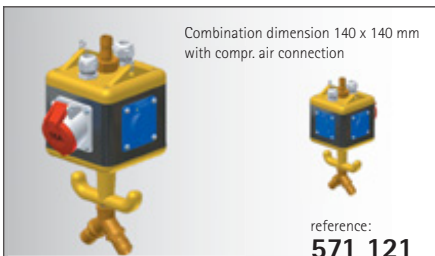
cable entry

1 x M25
1 x M32
(2 circuits)

DISTRIBUTOR UNITS SUSPENSIBLE, MADE OF RUBBER

ready wired for installation, protection degree IP 44

housing made of high grade rubber

	Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
 Combination dimension 140 x 140 mm reference: 570 531	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 1 x 16A, 400V, 5p 1 x space holder for data socket	fuse protection	cable entry 1 x M16 1 x M25
 Combination dimension 140 x 140 mm reference: 570 997	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 1 x 16A, 400V, 5p	fuse protection	cable entry 1 x M25
 Combination dimension 140 x 140 mm reference: 571 370	socket outlet schuko type 16 A, 230 V 2 with child protection	CEE socket outlet	fuse protection	cable entry 4 x M20 2 x connector for laboratory yellow/green ground potential 2 x connector for laboratory blue and red D.C. low voltage. 2 x con. for laboratory yellow A.C. low voltage
 Combination dimension 140 x 140 mm reference: 571 437	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet	fuse protection	cable entry 3 x M20 2 x twin data socket
 Combination dimension 140 x 140 mm with compr. air connection reference: 57 117	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 2 x 16A, 400V, 5p	fuse protection	cable entry 1 x M25 on top compr. air connection: input: 1/2" tube with ext. thread output: 1/2" fast connector
 Combination dimension 140 x 140 mm with compr. air connection reference: 571 121	socket outlet schuko type 16 A, 230 V 3	CEE socket outlet 1 x 16A, 400V, 5p	fuse protection	cable entry 2 x M25 (2 circuits) compr. air connection: input: cable sleeve NW 13 mm output: 1/2" two-way fast connector

DISTRIBUTOR UNITS SUSPENDIBLE, MADE OF RUBBER

ready wired for installation, protection degree IP 44

housing made of high grade rubber

Schuko-socket outlet

CEE socket outlet

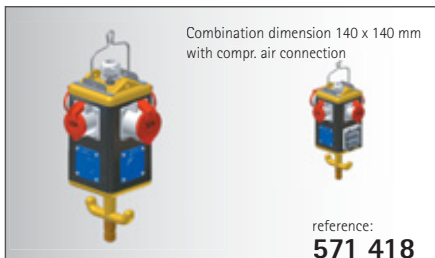
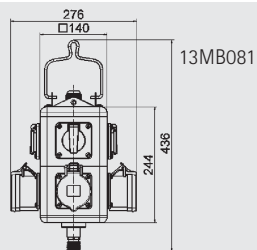
fuse protection

cable entry



Combination
dimension
244 x 140 mm

The measurements are
with the equipment of
CEE socket 32A 5p.



Combination dimension 140 x 140 mm
with compr. air connection



reference:
571 418

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

3 x 16A, 400V, 5p
1 x 32A, 400V, 5p

fuse protection

1 x MCB B charac. 16A, 1p
1 x MCB C charac. 16A, 3p

cable entry

1 x M32 on top
compr. air connection:
input:
1/2" tube with ext. thread
output:
1/2" fast connector

UNI-BLOCKS, PORTABLE

ready wired for installation, protection degree IP 44

housing made of high grade rubber

Schuko-socket outlet

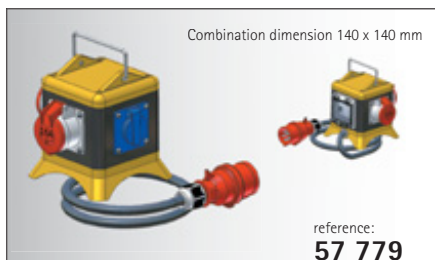
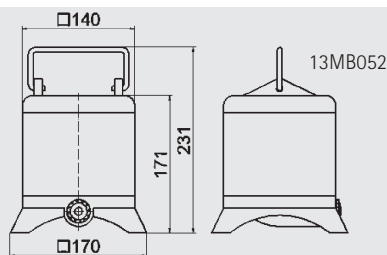
CEE socket outlet

fuse protection

cable entry



Combination
dimension
140 x 140 mm



reference:
57 779

socket outlet
schuko type 16 A, 230 V

1

CEE socket outlet

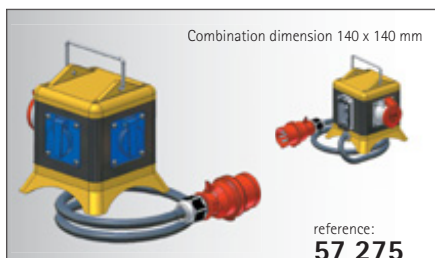
2 x 16A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p

cable entry

1 x Plug (16A, 400V, 5p)
2m H07RN-F5 G2,5



reference:
57 275

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

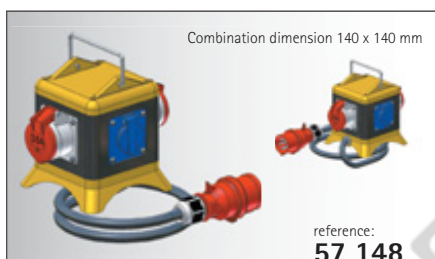
1 x 16A, 400V, 5p

fuse protection

1 x RCD 25/0,03A, 2p

cable entry

1 x Plug (16A, 400V, 5p)
2m H07RN-F5 G1,5



reference:
57 148

socket outlet
schuko type 16 A, 230 V

2

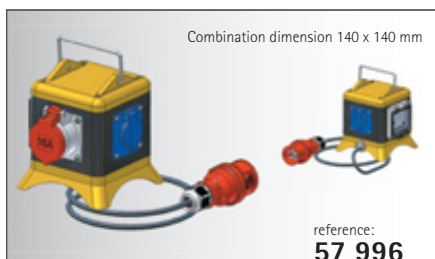
CEE socket outlet

2 x 16A, 400V, 5p

fuse protection

cable entry

1 x Plug (16A, 400V, 5p)
2m H07RN-F5 G2,5



reference:
57 996

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

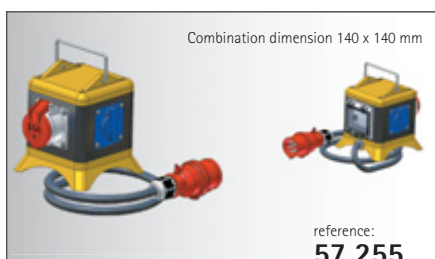
1 x 16A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p

cable entry

1 x Phase inverter
(16A, 400V, 5p)
2m H07RN-F5 G2,5



reference:
57 255

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

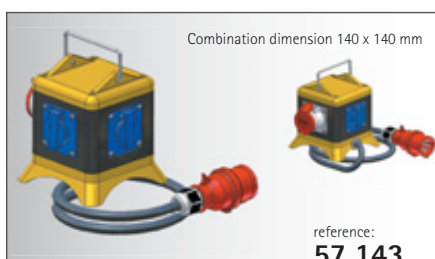
1 x 16A, 400V, 5p

fuse protection

1 x RCD 40/0,03A, 4p

cable entry

1 x Plug (16A, 400V, 5p)
2m H07RN-F5 G2,5



reference:
57 143

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

1 x 16A, 400V, 5p

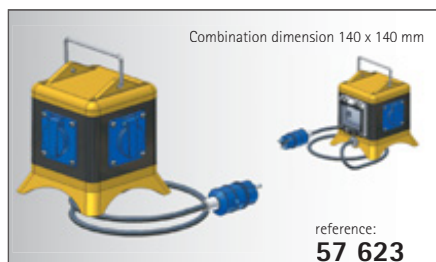
fuse protection

cable entry

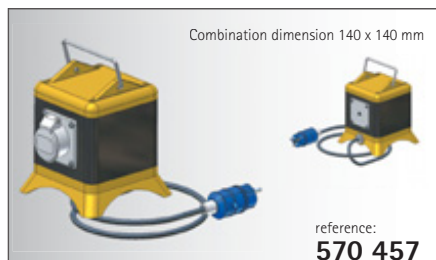
1 x Plug (16A, 400V, 5p)
2m H07RN-F5 G2,5

UNI-BLOCKS, PORTABLE

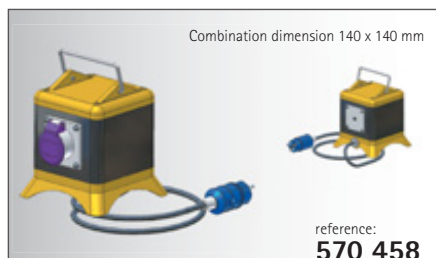
ready wired for installation, protection degree IP 44
housing made of high grade rubber



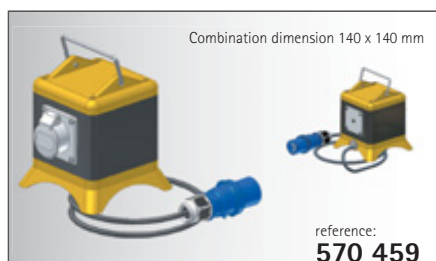
Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
4			1 x plug schuko type 4m H07RN-F3 G2,5



socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
	1 x 16A, 42V, 2p	1 x Sicherungstrafo (120VA, 230/42V) 1 x ETA Schalter 0,5A (primary)	1 x plug schuko type 2m H07RN-F3 G2,5



socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
	1 x 16A, 24V, 2p	1 x Sicherungstrafo (120VA, 230/24V) 1 x ETA Schalter 0,5A (primary)	1 x plug schuko type 2m H07RN-F3 G2,5



socket outlet	CEE socket outlet	fuse protection	cable entry
socket outlet schuko type 16 A, 230 V	CEE socket outlet	fuse protection	cable entry
	1 x 16A, 42V, 2p	1 x Sicherungstrafo (120VA, 230/42V) 1 x ETA Schalter 0,5A (primary)	1 x Plug (16A, 230V, 3p) 2m H07RN-F3 G2,5

7

UNI-BLOCK-DISTRIBUTION UNITS, SUSPENDIBLE

ready wired for installation, protection degree IP 44

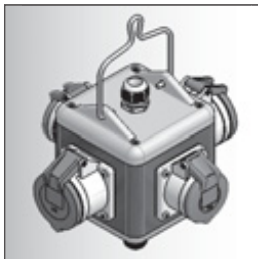
housing made of high grade rubber

Schuko-socket outlet

CEE socket outlet

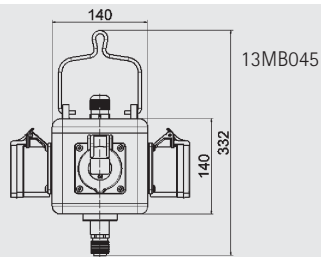
fuse protection

cable entry



Combination dimension
140 x 140 mm

The measurements are
with the equipment of
CEE socket 32A 5p.



Combination dimension 140 x 140 mm

reference:
57 117

socket outlet
schuko type 16 A, 230 V

2

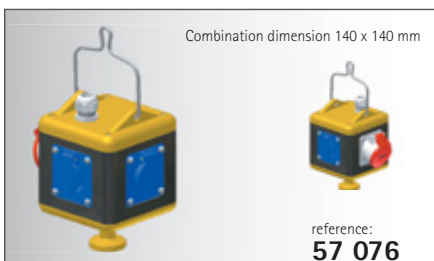
CEE socket outlet

2 x 16A, 400V, 5p

fuse protection

cable entry

1 x M32 on top
compr. air connection:
input:
1/2" tube with ext. thread
output:
1/2" fast connector



Combination dimension 140 x 140 mm

reference:
57 076

socket outlet
schuko type 16 A, 230 V

3

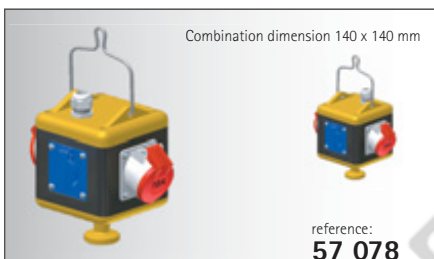
CEE socket outlet

1 x 16A, 400V, 5p

fuse protection

cable entry

1 x M25



Combination dimension 140 x 140 mm

reference:
57 078

socket outlet
schuko type 16 A, 230 V

2

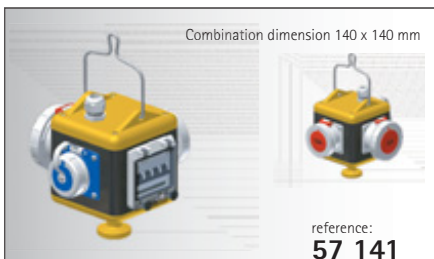
CEE socket outlet

2 x 16A, 400V, 5p

fuse protection

cable entry

1 x M25



Combination dimension 140 x 140 mm

reference:
57 141

socket outlet
schuko type 16 A, 230 V

1*

CEE socket outlet

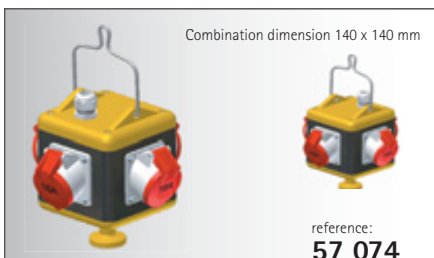
1 x 16A, 400V, 5p*
1 x 32A, 400V, 5p*

fuse protection

1 x MCB B charac. 16A, 1p
1 x MCB C charac. 16A, 3p

cable entry

1 x M25



Combination dimension 140 x 140 mm

reference:
57 074

socket outlet
schuko type 16 A, 230 V

4

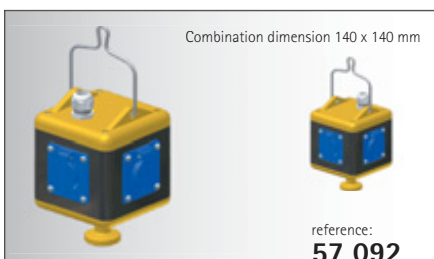
CEE socket outlet

4 x 16A, 400V, 5p

fuse protection

cable entry

1 x M25



Combination dimension 140 x 140 mm

reference:
57 092

socket outlet
schuko type 16 A, 230 V

4

CEE socket outlet

fuse protection

cable entry

1 x M25

UNI-BLOCK-DISTRIBUTION UNITS, SUSPENDIBLE

ready wired for installation, protection degree IP 44

housing made of high grade rubber

	Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
 Combination dimension 140 x 140 mm reference: 57 250	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 1 x 16A, 400V, 5p 1 x 32A, 400V, 5p	fuse protection	cable entry 1 x M25 1 x M32 (2 circuits)
 Combination dimension 140 x 140 mm reference: 570 531	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 1 x 16A, 400V, 5p 1 x space holder for data socket	fuse protection	cable entry 1 x M16 1 x M25
 Combination dimension 140 x 140 mm reference: 570 997	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 1 x 16A, 400V, 5p	fuse protection	cable entry 1 x M25
 Combination dimension 140 x 140 mm reference: 571 437	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet	fuse protection	cable entry 3 x M20 2 x twin data socket
 Combination dimension 140 x 140 mm reference: 571 370	socket outlet schuko type 16 A, 230 V 2 with child protection	CEE socket outlet	fuse protection	cable entry 4 x M20 2 x connector for laboratory yellow/green ground potential 2 x connector for laboratory blue and red D.C. low voltage. 2 x connector for laboratory yellow A.C. low voltage
 Combination dimension 140 x 140 mm reference: 571 121	socket outlet schuko type 16 A, 230 V 3	CEE socket outlet 1 x 16A, 400V, 5p	fuse protection	cable entry 2 x M25 (2 circuits) compr. air connection: input cable sleeve NW 13 mm output: 1/2" two-way fast connector
 Combination dimension 140 x 140 mm reference: 571 418	socket outlet schuko type 16 A, 230 V 3	CEE socket outlet 3 x 16A, 400V, 5p 1 x 32A, 400V, 5p	fuse protection 1 x MCB B charac. 16A, 1p 1 x MCB C charac. 16A, 3p	cable entry 1 x M32 on top compr. air connection: input: 1/2" tube with ext. thread output: 1/2" fast connector

Other configurations are available on request.request.

CROSS-DISTRIBUTION UNITS

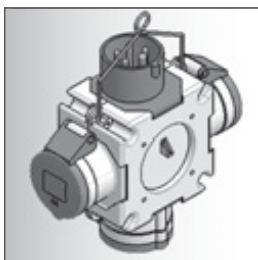
ready wired for installation, protection degree IP 44
housing made of high grade plastic

Schuko-socket outlet

CEE socket outlet

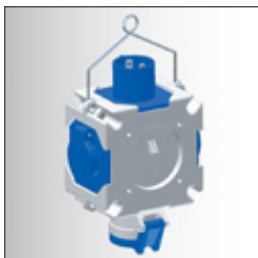
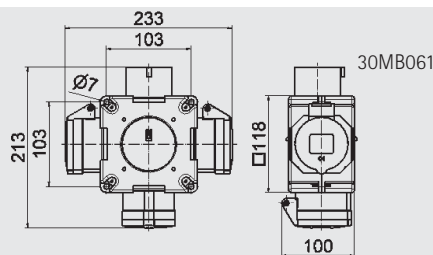
fuse protection

cable entry



Cross-Distributor
dimension
118 x 118 mm

The measurements are
with the equipment of
CEE socket 32A 5p.



Cross-Distributor
dimension
118 x 118 mm

reference:
54 655

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 230V, 3p

fuse protection

cable entry

1 x appliance inlet
(16A, 230V, 3p)



Cross-Distributor
dimension
118 x 118 mm

reference:
54 657

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p

fuse protection

cable entry

1 x Plug (16A, 400V, 5p)
1,5m H07RN-F5 G2,5



Cross-Distributor
dimension
118 x 118 mm

reference:
54 580

socket outlet
schuko type 16 A, 230 V

2

CEE socket outlet

1 x 16A, 400V, 5p

fuse protection

cable entry

1 x appliance inlet
(16A, 400V, 5p)



Cross-Distributor
dimension
118 x 118 mm

reference:
54 568

socket outlet
schuko type 16 A, 230 V

3

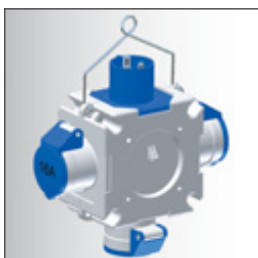
CEE socket outlet

3 x 16A, 230V, 3p

fuse protection

cable entry

1 x Plug (16A, 230V, 3p)
1,5m H07RN-F3 G2,5



Cross-Distributor
dimension
118 x 118 mm

reference:
54 566

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

3 x 16A, 230V, 3p

fuse protection

cable entry

1 x appliance inlet
(16A, 230V, 3p)



Cross-Distributor
dimension
118 x 118 mm

reference:
54 569

socket outlet
schuko type 16 A, 230 V

3

CEE socket outlet

3 x 16A, 400V, 5p

fuse protection

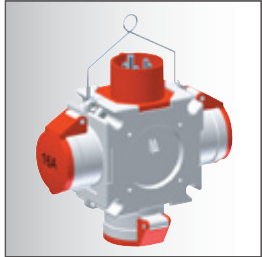
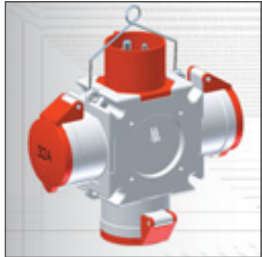
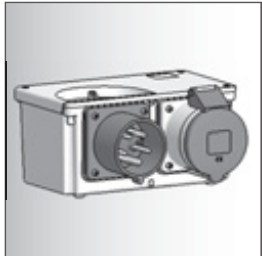
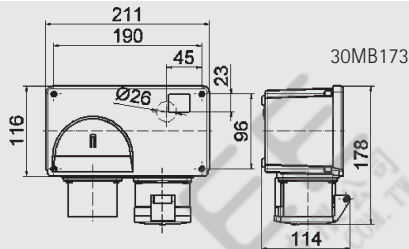
cable entry

1 x Plug (16A, 400V, 5p)
1,5m H07RN-F5 G2,5

CROSS-DISTRIBUTION/ E-V-E ENERGY DISTRIBUTION UNITS

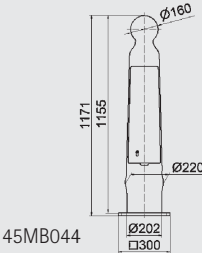
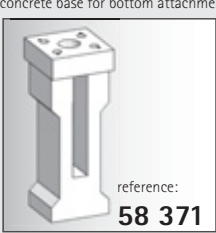
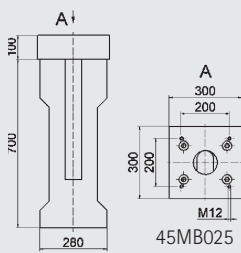
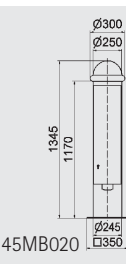
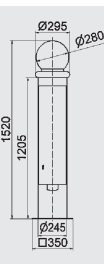
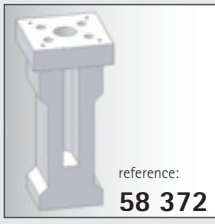
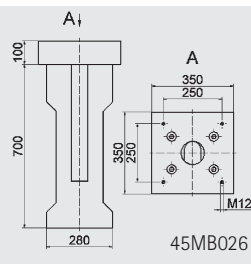
ready wired for installation, protection degree IP 44

housing made of high grade plastic

	Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
 Cross-Distributor dimension 118 x 118 mm reference: 54 6	socket outlet schuko type 16 A, 230 V	CEE socket outlet 3 x 16A, 400V, 5p		cable entry 1 x appliance inlet (16A, 400V, 5p)
 Cross-Distributor dimension 118 x 118 mm reference: 54 567	socket outlet schuko type 16 A, 230 V	CEE socket outlet 3 x 32A, 400V, 5p		cable entry 1 x appliance inlet (32A, 400V, 5p)
 E-V-E Distributor dimension 211 x 116 mm				
 E-V-E Distributor dimension 211 x 116 mm reference: 59 0	socket outlet schuko type 16 A, 230 V	CEE socket outlet 1 x 16A, 230V, 3p		cable entry 1 x appliance inlet (16A, 230V, 3p)
 E-V-E Distributor dimension 211 x 116 mm reference: 59 008	socket outlet schuko type 16 A, 230 V	CEE socket outlet 1 x 16A, 400V, 4p		cable entry 1 x appliance inlet (16A, 400V, 4p)
 E-V-E Distributor dimension 211 x 116 mm reference: 59 1	socket outlet schuko type 16 A, 230 V	CEE socket outlet 1 x 16A, 400V, 5p		cable entry 1 x appliance inlet (16A, 400V, 5p)
 E-V-E Distributor dimension 211 x 116 mm reference: 59 2	socket outlet schuko type 16 A, 230 V	CEE socket outlet 1 x 32A, 400V, 5p		cable entry 1 x appliance inlet (32A, 400V, 5p)

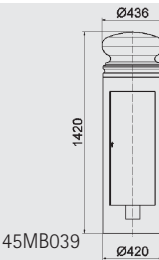
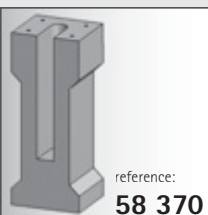
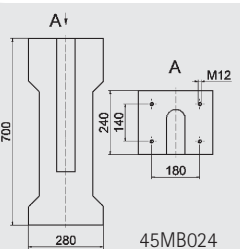
Other configurations are available on request.request.

Schuko-socket outlet	CEE socket outlet	fuse protection	cable entry
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	Steel bollard material of housing: steel galvanized, powder-coated Colour: anthracite	 45MB044	concrete base for bottom attachment  reference: 58 371	 45MB025	
	Steel bollard ready wired on terminal 5 x 10 qmm reference: 56 420	socket outlet schuko type 16 A, 230 V 3	CEE socket outlet 3 x 16A, 230V, 3p	fuse protection 1 x RCD 40/0,03A, 4p 3 x MCB B charac. 16A, 1p	cable entry clamping units for strain relief at bottom
	Steel bollard ready wired on terminal 6x10mm² reference: 56 425	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 1 x 16A, 400V, 5p 1 x 32A, 400V, 5p	fuse protection 2 x MCB B charac. 16A, 1p 1 x MCB C charac. 16A, 3p 1 x MCB C charac. 32A, 3p	cable entry clamping units for strain relief at bottom
	Steel bollard ready wired on terminal 5 x 10 qmm reference: 56 445	socket outlet schuko type 16 A, 230 V 1	CEE socket outlet 1 x 16A, 400V, 5p 1 x 32A, 400V, 5p	fuse protection 1 x MCB B charac. 16A, 1p 1 x MCB C charac. 16A, 3p 1 x MCB C charac. 32A, 3p	cable entry clamping units for strain relief at bottom
	Steel bollard ready wired on terminal 5x10mm² reference: 56 419	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 2 x 16A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p 1 x MCB C charac. 16A, 1p 1 x MCB C charac. 16A, 3p	cable entry clamping units for strain relief at bottom
	Steel bollard material of housing: steel galvanized, powder coated Colour: anthracite Optional: with nostalgia cover special colour on request	 45MB020	 45MB026	concrete base for bottom attachment  reference: 58 372	 45MB026
	Steel bollard ready wired on terminal 5x25mm² reference: 56 884	socket outlet schuko type 16 A, 230 V 1	CEE socket outlet 2 x 16A, 400V, 5p 1 x 32A, 400V, 5p	fuse protection 1 x RCD 63/0,03A, 4p 1 x MCB B charac. 16A, 1p 2 x MCB C charac. 16A, 3p 1 x MCB C charac. 32A, 3p	cable entry clamping units for strain relief at bottom

STEEL BOLLARDS

ready wired for installation, protection degree IP 44

	Schuko-socket outlet	CEE socket outlet	fuse protec-	cable entry
 Steel bollard ready wired on terminal 6x10mm² reference: 56 885	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 2 x 16A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p 1 x MCB C charac. 16A, 1p 1 x MCB C charac. 16A, 3p	cable entry clamping units for strain relief at bottom
 Steel bollard ready wired on terminal 5x25mm² reference: 56 883	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 2 x 32A, 400V, 5p	fuse protection 1 x RCD 63/0,03A, 4p 2 x MCB B charac. 16A, 1p 2 x MCB C charac. 32A, 3p	cable entry clamping units for strain relief at bottom
 Steel bollard ready wired on terminal 5 x 10 qmm reference: 56 882	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 2 x 16A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p 2 x MCB B charac. 16A, 1p 2 x MCB C charac. 16A, 3p	cable entry clamping units for strain relief at bottom
 Steel bollard ready wired on terminal 5x25mm² reference: 56 881	socket outlet schuko type 16 A, 230 V 2	CEE socket outlet 1 x 16A, 400V, 5p 1 x 32A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p 2 x MCB B charac. 16A, 1p 1 x MCB C charac. 16A, 3p 1 x MCB C charac. 32A, 3p	cable entry clamping units for strain relief at bottom
 Steel bollard material of housing: steel galvanized, powder-coated	 45MB039  concrete base for bottom attachment reference: 58 370  45MB024			
 Steel bollard ready wired on terminal 5x25mm² Colour: anthracite reference: 560 486	socket outlet schuko type 16 A, 230 V 6 x 16A, 230V, 3p 2 x 16A, 400V, 5p	CEE socket outlet 6 x 16A, 230V, 3p 2 x 16A, 400V, 5p	fuse protection 1 x RCD 40/0,03A, 4p for die 3p CEE-socket outlets 1 x RCD 40/0,03A, 4p for die 5p CEE-socket outlets 6 x MCB C charac. 16A, 1p 2 x MCB C charac. 16A, 3p 1 x MCB C charac. 32A, 3p	cable entry cable guard rail at bottom
 Steel bollard ready wired on terminal 5x25mm² Colour: moss-green reference: 560 496	socket outlet schuko type 16 A, 230 V 4	CEE socket outlet 1 x 16A, 400V, 5p 1 x 32A, 400V, 5p 1 x 63A, 400V, 5p	fuse protection 1 x RCD 63/0,03A, 4p 4 x MCB B charac. 16A, 1p 1 x MCB C charac. 16A, 3p 1 x MCB C charac. 32A, 3p 1 x MCB C charac. 63A, 3p	cable entry cable guard rail at bottom



PLUGS AND SOCKETS FOR CARAVAN AND CAMPING

PLUGS AND SOCKETS FOR CARAVANNING AND CAMPING-SITE

Surface Socket Outlets, Panel Mounting Socket Outlets, Plugs,
Appliance Inlets, Connectors

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Panel Mounting
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Cables
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Camping-
Distributor Units
Page 158, 159



Preferred scopes



Construction Industry



Camping site



Industry



Building Services



Farming



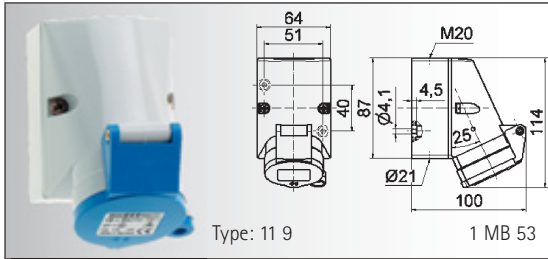
Harbour and Shipbuilding

PLUGS AND SOCKETS FOR CAMPING-SITE

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

dimension, socket insert and hinged lid made of high grade plastic
protection degree IP 44

reference



Surface Mounting Socket Outlet

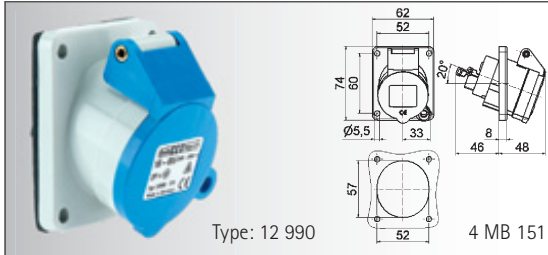
- screw terminals
- 16A 230V 3pol
- lockable with a padlock 5mm
- protection degree IP 44

reference

piece

11 9

10



Panel Mounting Socket Outlet Quick-Connect

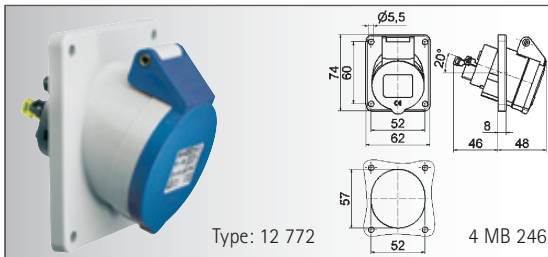
- screwless terminals
- Kontex-terminals
- 16A 230V 3pol
- angled 20°
- lockable with a padlock 5mm
- Flange 74 x 62 mm
- drilling hole 60 x 52 mm
- protection degree IP 44

reference

piece

12 990

10



Panel Mounting Socket Outlet Quick-Connect

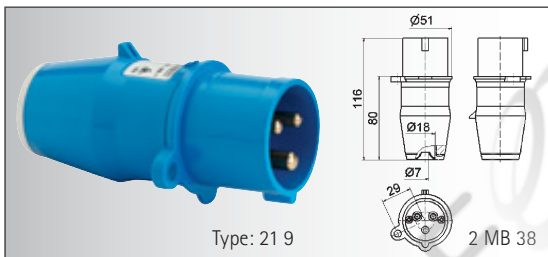
- screwless terminals
- Kontex-terminals
- 16A 230V 3pol
- angled 20°
- Flange 74 x 62 mm
- drilling hole 60 x 52 mm
- protection degree IP 44

reference

piece

12 772

10



Plug

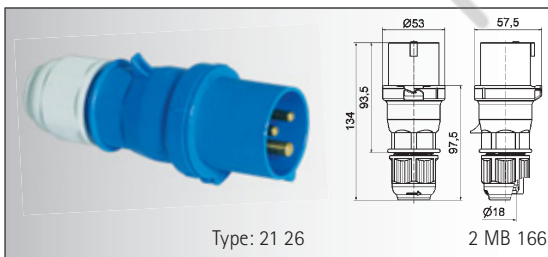
- screw terminals
- 16A 230V 3pol
- with short cable sleeve
- lockable with a padlock 5mm
- protection degree IP 44

reference

piece

21 9

10



Plug Quick-Connect with Multi-Grip

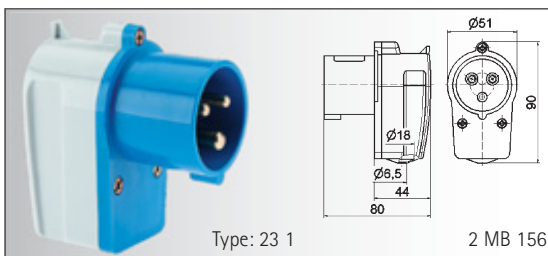
- screwless terminals
- special threaded fitting
- special gland, simultaneous cable gland and seal
- 16A 230V 3pol
- protection degree IP 44

reference

piece

21 26

10



Angled Connector

- screw terminals
- 16A 230V 3pol
- with short cable sleeve
- protection degree IP 44

reference

piece

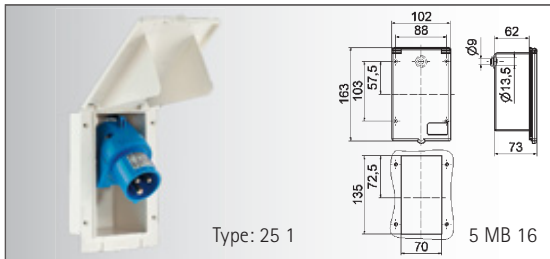
23 1

10

PLUGS AND SOCKETS FOR CAMPING-SITE

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

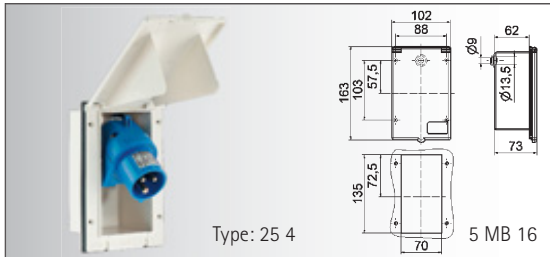
dimension, socket insert and hinged lid made of high grade plastic
protection degree IP 44



Built-in Appliance Inlet

- screw terminals
- 16A 230V 3pol
- swing-out
- protection degree IP 44

reference	piece
25 1	10



Built-in Appliance Inlet

- screw terminals
- 16A 230V 3pol
- swing-out
- with rubber gasket and frame
- for interim assembly
- protection degree IP 44

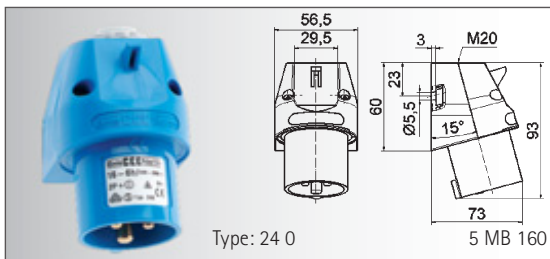
housingcolour:

white

brown

black

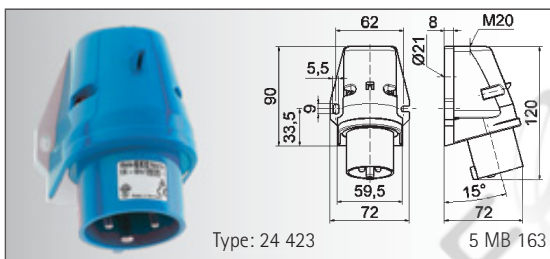
reference	piece
25 4	10
25 8	10
25 5	10



Surface Mounting Appliance Inlet

- screw terminals
- cable entry one on top (open), one at bottom (closed)
- 16A 230V 3pol
- protection degree IP 44

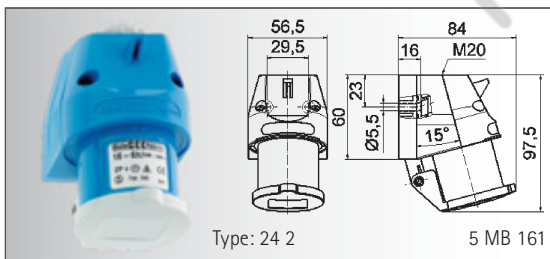
reference	piece
24 0	10



Surface Mounting Appliance Inlet Quick-Connect

- screwless terminals
- cable entry one on top (open), one at bottom (closed)
- 16A 230V 3pol
- protection degree IP 44

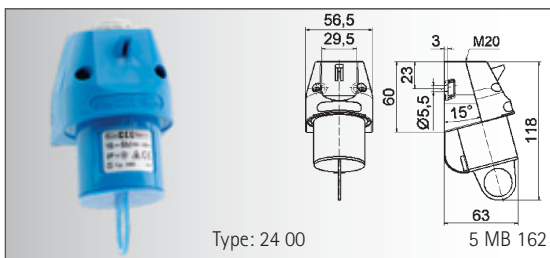
reference	piece
24 423	10



Surface Mounting Appliance Inlet

- screw terminals
- 16A 230V 3pol
- with self-closing hinged lid
- protection degree IP 44

reference	piece
24 2	10



Surface Mounting Appliance Inlet

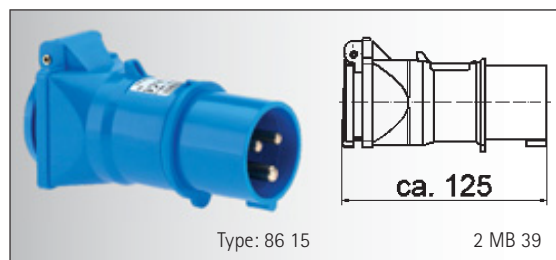
- screw terminals
- 16A 230V 3pol
- with closure cap
- protection degree IP 44

reference	piece
24 00	10

PLUGS AND SOCKETS FOR CAMPING-SITE

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

dimension, socket insert and hinged lid made of high grade plastic
 protection degree IP 44



Adapter-Plug

CEE-Plug 16A/ 230V/ 3p to
 socket-outlet Schuko type 16A/ 230V~

CEE-Plug 16A/ 230V/ 3p at
 socket-outlet Schuko type 16A/ 230V~, Belg./FrenchSystem (CEE 7)

CEE-Plug 16A/ 230V/ 3p to
 socket-outlet Schuko type 16A/ 230V~, Swiss System (Typ 13)

More adapter systems on request.

reference



reference

piece

86 15

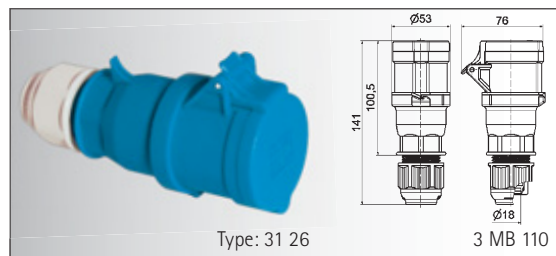
10

86 14

10

86 18

10



Connector Quick-Connect with Multi-Grip

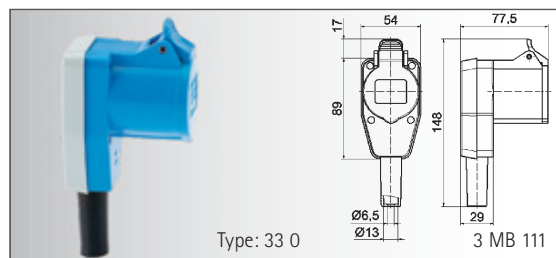
- screwless terminals
- 16A 230V 3pol
- protection degree IP 44

reference

piece

31 26

10



Angled Connector

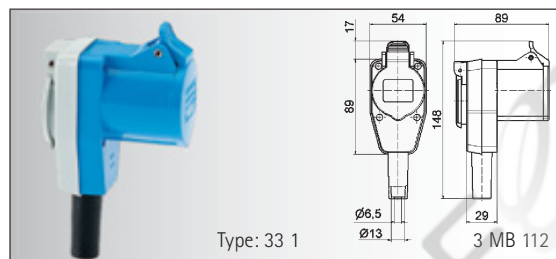
- screw terminals
- 16A 230V 3pol
- with long cable sleeve
- protection degree IP 44

reference

piece

33 0

10



Angled Connector

- screw terminals
- 16A 230V 3pol
- with short cable sleeve and incorporated socket-outlet Schuko type 16A, 230V~
- protection degree IP 44

reference

piece

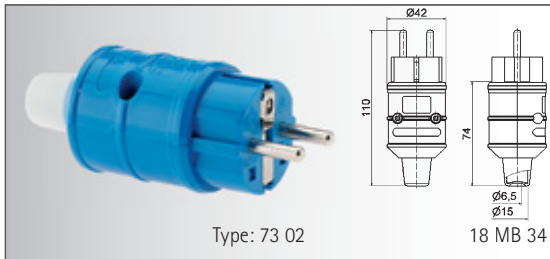
33 1

10

PLUGS AND SOCKETS FOR CAMPING-SITE

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

dimension, socket insert and hinged lid made of high grade plastic
protection degree IP 44

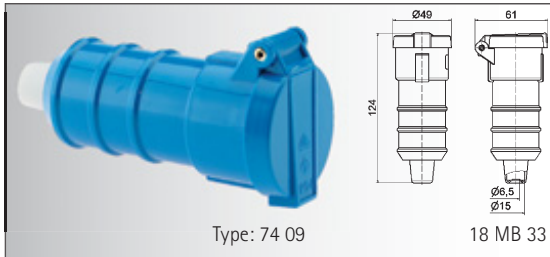


Plug Schuko Type

- 16A 230V~
- with cable sleeve
- nickel plated contacts
- suitable for socket outlet Belg./ French System
- protection degree IP 44

blue
grey

reference	piece
73 02	20
73 03	20



Plug Schuko Type

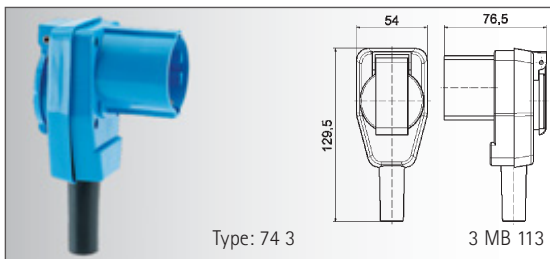
- 16A 230V~ German system
- with self-locking hinged lid
- protection degree IP 44

blue
grey

Belg./ French System

blue

reference	piece
74 09	20
74 10	20
74 15	20



Angled Connector Schuko Type

- with incorporated Socket-Outlet Schuko Type 16A 230V~

reference	piece
74 3	10



Extension cablequipped with

- CEE-Plug 16A 230V 3p and CEE-Connector 16A 230V 3p
- length 10 m with cabel H07RN-F3 G1,5¹⁾
- length 10 m with cabel H07RN-F3 G2,5
- length 15 m with cabel H07RN-F3 G1,5¹⁾
- length 15 m with cabel H07RN-F3 G2,5
- length 20 m with cabel H07RN-F3 G1,5¹⁾
- length 20 m with cabel H07RN-F3 G2,5

reference	piece
81 2	
81 3	
81 4	
81 5	
81 6	
81 7	

- length 1,5 m with cabel H07RN-F3 G2,5 with plug schuko type and connector schuko type¹⁾

81 78

¹⁾ not with standing from VDE 0100 part 708 chapter 4

		reference
	Distributor for camping-site in stainless steel housing on galvanized base 1,15 m 1 CEE socket outlet 16A 230V 3p lockable by a padlock 5mm full socket protection in hinged stainless steel housing	reference
		56 753
	Distributor for camping-site in stainless steel housing on galvanized base 1,15 m single lockable with a padlock 5mm socket protection in hinged stainless steel housing	reference
	2 CEE-Socket Outlets 16A 230V 3p	56 288
	3 CEE-Socket Outlets 16A 230V 3p	56 761
	4 CEE-Socket Outlets 16A 230V 3p	56 407
	Camping-Distributor in plastic-housing housing 276 x 276 mm made of impact-resistant, weather-proof plastic with hinged top cover and operating window 3 CEE-Socket Outlets 16A 230V 3p 3 RCCD 16/0,03A 2p B	reference
		510 2087
	Camping-Distributor in plastic-housing housing 460 x 276 mm made of impact-resistant, weather-proof plastic with self-closing operating window 6 CEE-Socket Outlets 16A 230V 3p 6 RCCD 16/0,03A 2p B	reference
		510 2088
	Camping-Distributor in plastic-housing housing 460 x 276 mm made of impact-resistant, weather-proof plastic with self-closing operating windows 9 CEE-Socket Outlets 16A 230V 3p 9 RCCD 16/0,03A 2p B	reference
		510 2089

reference



Distributor for camping-site in stainless steel housing

equipment:

reference

open

housing

with door

3 CEE-Socket Outlet 16A 230V 3p
3 RCCD 16/0,03A 2p B

510 2090

510 2093

6 CEE-Socket Outlet 16A 230V 3p
6 RCCD 16/0,03A 2p B

510 2091

510 2094

9 CEE-Socket Outlet 16A 230V 3p
9 RCCD 16/0,03A 2p B

510 2092

510 2095



Camping-Distributor in polyester-housing with electronic counters

reference

equipment:

3 CEE-Socket Outlet 16A 230V 3p
3 RCCD 16/0,03A 2p B
3 electronic counter 1phase

560 510

6 CEE-Socket Outlet 16A 230V 3p
6 RCCD 16/0,03A 2p B
6 electronic counter 1phase

560 511

9 CEE-Socket Outlet 16A 230V 3p
9 RCCD 16/0,03A 2p B
9 electronic counter 1phase

560 512

Optional:

- Camping-Distributor in a galvanized steel housing, powder coated, colour on request
- Configuration on individual request, e.g. with electronic counter, electronic counting device on a control center and TV connection



PLUGS AND SOCKETS FOR REEFER CONTAINER

Surface Mounting
Socket Outlets
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Panel Mounting
Socket Outlets
Page 162



Plugs
Page 162



Appliance Inlets
Page 162



Connectors
Page 163



Switched/ Interlocked
Surface Socket
Outlets
Page 163



Phase Sequence
Test Plugs
Page 163



9

Preferred scopes



Construction Industry



Camping site



Industry



Building Services



Farming



Harbour and Shipbuilding

PLUGS AND SOCKETS FOR CONTAINER

Operating voltage of reefer container 400 - 440 V,
clock position 3h
IEC 60309-1/2, EN 60309, VDE 0623

Poles



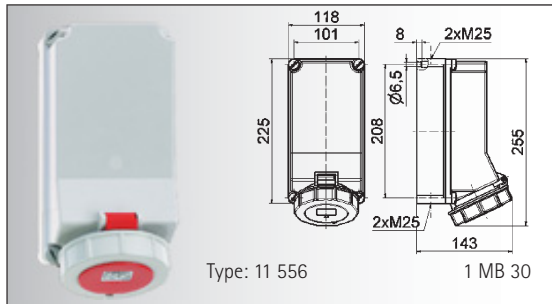
Ampere

Poles

400V bis
440V/
3h



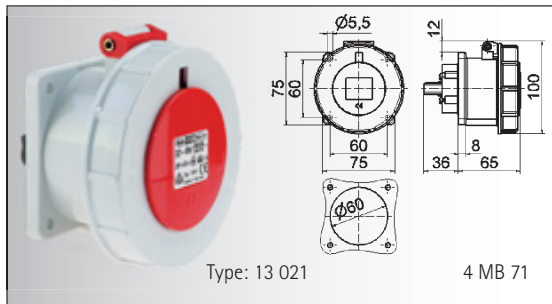
9
each



Surface Mounting Socket Outlet TE

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

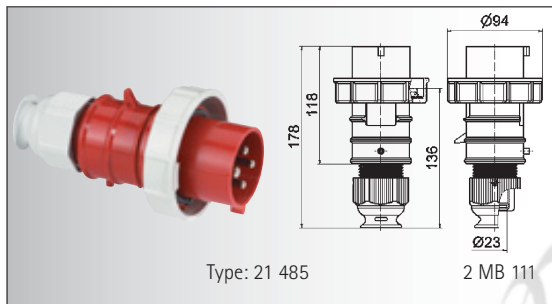
32	4	11 556	1	845



Panel Mounting Socket Outlet TE

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- straight
- protection degree IP 67

32	4	13 021	10	270

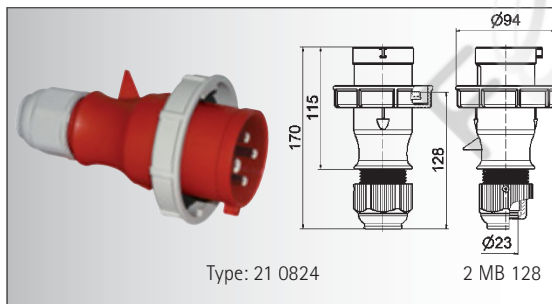


Plug TE with Multi-Grip

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

Accessories:
closure cap see page 244

32	4	21 485	10	320

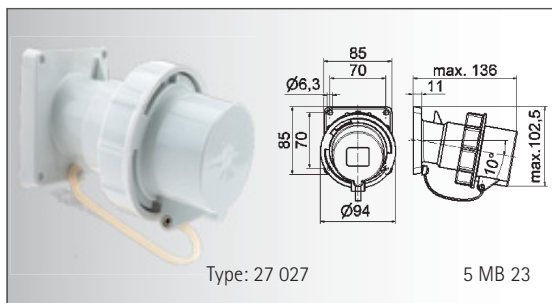


Plug with Multi-Grip

- screw terminals
- one piece housing
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

Accessories:
closure cap see page 244

32	4	21 0824	10	255



Appliance Inlet with Flange TE

- screw terminals
- with closure cap
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

32	4	27 027	10	330

PLUGS AND SOCKETS FOR CONTAINER

Operating voltage of reefer container 400 - 440 V,
clock position 3h
IEC 60309-1/2, EN 60309, VDE 0623

Poles

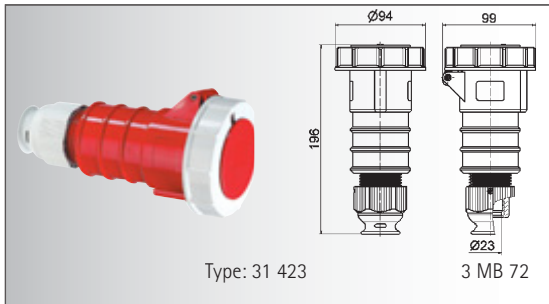


Ampere Poles

400V bis
440V
3h



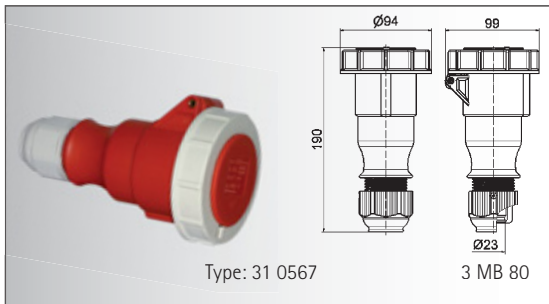
9
each



Connector TE with Multi-Grip

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

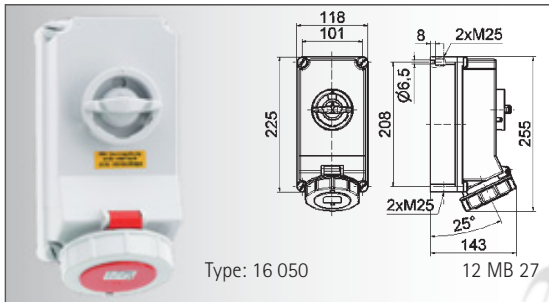
32 4 31 423 10 390



Connector with Multi-Grip

- screw terminals
- one piece housing
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

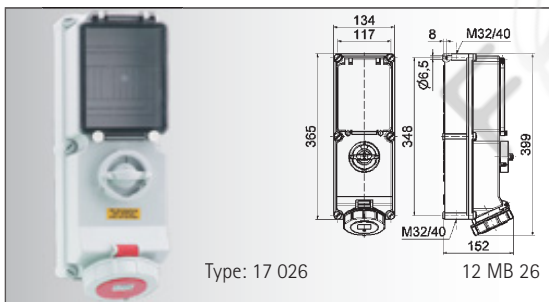
32 4 31 0567 10 334



Surface Mounting Socket Outlet TE

- switched
- with mechanical double interlocking
- in 0-position lockable
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

32 4 16 050 1 1340



Surface Mounting Socket Outlet TE

- switched
- with mechanical double interlocking
- DIN rail (6 TE)
- with operating window
- in 0-position lockable
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

32 4 17 026 1 2550



Test plug

- for checking the switch board
- nickel plated contacts
- protection degree IP 44

32 4 22 98 10 265



PLUGS AND SOCKETS FOR HARSH ENVIRONMENTS

PLUGS AND SOCKETS FOR HARSH ENVIRONMENTS

Surface Socket Outlets, Panel Mounting Socket Outlets, Plugs, Appliance Inlets, Connectors

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Sockets switched with mechanical interlocking
Page 173, 174



Sockets switched with mechanical interlocking and fused
Page 175 - 177



Preferred scopes



Construction Industry



Camping site



Industry



Building Services



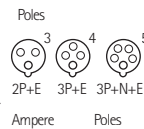
Farming



Harbour and Shipbuilding

SURFACE MOUNTING SOCKET OUTLETS

suitable for harsh operating conditions,
especially resistant against aggressive ambience
IEC 60309-1/2, EN 60309, VDE 0623, protection degree IP 44



230V
50-60 Hz

400V
50-60 Hz

500V
50-60 Hz

Qty 9 each



Type: 11 990

Surface Mounting Socket Outlet Quick-Connect TE

- screwless terminals
 - Kontex-terminals
 - for through wiring
 - high temperature resistant contact carrier
 - nickel plated contacts
 - external metal parts made of stainless steel
 - protection degree IP 44
- drawing see page 22/5 (1 MB 2)

16	4	11 538	11 485	11 968	10	320
16	5	11 972	11 487	11 973	10	340
32	3	11 977	11 978	11 979	10	390
32	4	11 983	11 984	11 985	10	410
32	5	11 989	11 990	11 991	10	425



Type: 11 799

Surface Mounting Socket Outlet TE

- screw terminals
 - high temperature resistant contact carrier
 - Kontex-Plus and box terminal
 - nickel plated contacts
 - external metal parts made of stainless steel
 - protection degree IP 44
- drawing see page 26/1 (1 MB 4)

63	3	11 796			5	825
63	4		11 797	11 798	5	885
63	5		11 799		5	930



Type: 11 451

Surface Mounting Socket Outlet Quick-Connect TE

- screwless terminals
 - Kontex-terminals
 - for through wiring
 - high temperature resistant contact carrier
 - nickel plated contacts
 - external metal parts made of stainless steel
 - protection degree IP 44
- drawing see page 28/1 (1 MB 26)

16	3	11 448			1	380
16	4	11 995	11 449	11 0018	1	400
16	5		11 451		1	430



Type: 11 0000

Surface Mounting Socket Outlet Quick-Connect TE

- screwless terminals
 - Kontex-terminals
 - for through wiring
 - high temperature resistant contact carrier
 - nickel plated contacts
 - external metal parts made of stainless steel
 - protection degree IP 44
- drawing see page 28/2 (1 MB 27)

16	5		11 0098		1	680
32	3	11 997			1	760
32	4	11 998	11 999	11 0019	1	780
32	5		11 0000		1	830



Type: 11 803

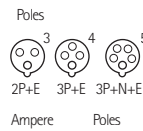
Surface Mounting Socket Outlet TE

- screw terminals
 - for through wiring
 - high temperature resistant contact carrier
 - Kontex-Plus and box terminal
 - nickel plated contacts
 - external metal parts made of stainless steel
 - protection degree IP 44
- drawing see page 28/3 (1 MB 28)

63	3	11 800			1	1700
63	4		11 801	11 802	1	1730
63	5		11 803		1	1770

SURFACE MOUNTING SOCKET OUTLETS

suitable for harsh operating conditions,
especially resistant against aggressive ambience
IEC 60309-1/2, EN 60309, VDE 0623, protection degree IP 67



230V
50-60 Hz

400V
50-60 Hz

500V
50-60 Hz



9
each



Type: 11 455

Surface Mounting Socket Outlet Quick-Connect TE

- screwless terminals
 - Kontex-terminals
 - for through wiring
 - high temperature resistant contact carrier
 - nickel plated contacts
 - external metal parts made of stainless steel
 - protection degree IP 67
- drawing see page 30/1 (1 MB 8)

16	3	<u>11 452</u>	<u>11 0387</u>	<u>11 0388</u>	1	410
16	4	11 790	<u>11 453</u>	11 0020	1	430
16	5		<u>11 455</u>		1	460



Type: 11 0017

Surface Mounting Socket Outlet Quick-Connect TE

- screwless terminals
 - Kontex-terminals
 - for through wiring
 - high temperature resistant contact carrier
 - nickel plated contacts
 - external metal parts made of stainless steel
 - protection degree IP 67
- drawing see page 30/2 (1 MB 14)

32	3	<u>11 0014</u>			1	780
32	4		<u>11 0015</u>	11 0016	1	800
32	5		<u>11 0017</u>		1	850

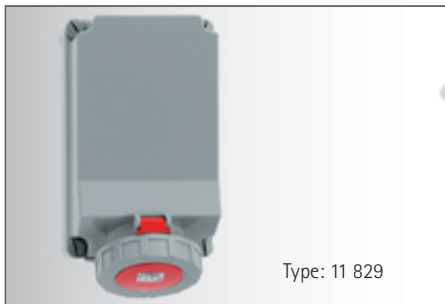


Type: 11 825

Surface Mounting Socket Outlet TE

- screw terminals
 - high temperature resistant contact carrier
 - Kontex-Plus and box terminal
 - nickel plated contacts
 - external metal parts made of stainless steel
 - protection degree IP 67
- drawing see page 26/4 (1 MB 3)

63	3	<u>11 822</u>			5	1050
63	4		<u>11 823</u>	11 824	5	1100
63	5		<u>11 825</u>		5	1180



Type: 11 829

Surface Mounting Socket Outlet TE

- screw terminals
 - for through wiring
 - high temperature resistant contact carrier
 - Kontex-Plus and box terminal
 - nickel plated contacts
 - external metal parts made of stainless steel
 - protection degree IP 67
- drawing see page 30/3 (1 MB 15)

63	3	<u>11 826</u>			1	1720
63	4		<u>11 827</u>	11 828	1	1750
63	5		<u>11 829</u>		1	1800



Type: 11 815

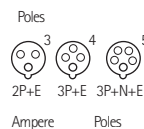
Surface Mounting Socket Outlet TE

- screw terminals
 - high temperature resistant contact carrier
 - Kontex-Plus and box terminal
 - nickel plated contacts
 - external metal parts made of stainless steel
 - protection degree IP 67
- drawing see page 30/6 (1 MB 10)

125	3	<u>11 812</u>			2	5300
125	4		<u>11 813</u>	11 814	2	5350
125	5		<u>11 815</u>		2	5500

PANEL MOUNTING SOCKET OUTLETS

suitable for harsh operating conditions,
especially resistant against aggressive ambience
IEC 60309-1/2, EN 60309, VDE 0623, protection degree IP 44



230V
50-60 Hz

400V
50-60 Hz

500V
50-60 Hz

Qty 9 each



Panel Mounting Socket Outlet Quick-Connect TE
 • screwless terminals
 • Kontex-terminals
 • Flange 75 x 75 mm
 • straight
 • high temp. resistant contact carrier
 • nickel plated contacts
 • external metal parts made of stainless steel
 • protection degree IP 44
 drawing see page 32/5 (4 MB 263)

16	3	13 144			10	140
16	4	13 476	13 334	13 771	10	150
16	5		13 336	13 0111	10	170
32	3	13 773			10	215
32	4	13 774	13 775	13 776	10	230
32	5		13 777		10	260



Panel Mounting Socket Outlet TE
 • screw terminals
 • Flange 107 x 100 mm
 • straight
 • high temp. resistant contact carrier
 • Kontex-Plus and box terminal
 • nickel plated contacts
 • external metal parts made of stainless steel
 • protection degree IP 44
 drawing see page 36/2 (4 MB 8)

63	3	13 341			5	495
63	4		13 342	13 344	5	555
63	5		13 343		5	600



Panel Mounting Socket Outlet Quick-Connect TE
 • screwless terminals
 • Kontex-terminals
 • Flange 74 x 62 mm on 16A 3p, 100 x 92 mm on the others
 • angled 20°
 • high temp. resistant contact carrier
 • nickel plated contacts
 • external metal parts made of stainless steel
 • protection degree IP 44
 drawing see page 34/5 (4 MB 112)

16	3	12 398			10	120
16	4	12 876	12 877	12 878	10	175
16	5		12 401		10	195
32	3	12 880			10	230
32	4		12 882	12 883	10	250
32	5		12 884		10	265

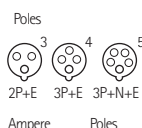


Panel Mounting Socket Outlet TE
 • screw terminals
 • Flange 114 x 114 mm
 • angled 15°
 • high temperature resistant contact carrier
 • Kontex-Plus and box terminal
 • nickel plated contacts
 • external metal parts made of stainless steel
 • protection degree IP 44
 drawing see page 36/4 (4 MB 10)

63	3	12 405			5	510
63	4		12 406	12 407	5	570
63	5		12 408		5	615

PANEL MOUNTING SOCKET OUTLETS

suitable for harsh operating conditions,
especially resistant against aggressive ambience
IEC 60309-1/2, EN 60309, VDE 0623, protection degree IP 67



230V
50-60 Hz

400V
50-60 Hz

500V
50-60 Hz

Qty 9 each



Panel Mounting Socket Outlet Quick-Connect TE

- screwless terminals
- Kontex-terminals
- Flange 75 x 75 mm
- straight
- high temp. resistant contact carrier
- nickel plated contacts
- external metal parts made of stainless steel
- protection degree IP 67

drawing see page 38/3 (4 MB 105)

16	3	<u>13 156</u>			10	175
16	4	13 083	<u>13 157</u>	13 810	10	190
16	5		<u>13 159</u>		10	210
32	3	<u>13 812</u>			10	280
32	4	13 813	<u>13 814</u>	13 815	10	300
32	5		<u>13 816</u>		10	350



Panel Mounting Socket Outlet TE

- screw terminals
- Flange 107 x 100 mm
- straight
- high temp. resistant contact carrier
- Kontex-Plus and box terminal
- nickel plated contacts
- external metal parts made of stainless steel
- protection degree IP 67

drawing see page 42/2 (4 MB 50)

63	3	<u>13 382</u>			5	535
63	4		<u>13 383</u>	13 384	5	595
63	5		<u>13 385</u>		5	640



Panel Mounting Socket Outlet Quick-Connect TE

- screwless terminals
- Kontex-terminals
- Flange 74 x 62 mm on 16A 3p, 100 x 92 mm on the others
- angled 20°
- high temp. resistant contact carrier
- nickel plated contacts
- external metal parts made of stainless steel
- protection degree IP 67

drawing see page 40/5 (4 MB 115)

16	3	<u>12 205</u>			10	160
16	4	12 919	<u>12 920</u>	12 921	10	220
16	5	12 0161	<u>12 922</u>	12 0159	10	250
32	3	<u>12 924</u>			10	315
32	4	12 925	<u>12 926</u>	12 927	10	330
32	5	12 0162	<u>12 928</u>	12 0158	10	320



Panel Mounting Socket Outlet TE

- screw terminals
- Flange 114 x 114 mm
- angled 15°
- high temp. resistant contact carrier
- Kontex-Plus and box terminal
- nickel plated contacts
- external metal parts made of stainless steel
- protection degree IP 67

drawing see page 45/2 (4 MB 9)

63	3	<u>12 409</u>			5	560
63	4		<u>12 410</u>	12 156	5	620
63	5		<u>12 160</u>		5	665



Panel Mounting Socket Outlet TE

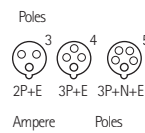
- screw terminals
- Flange 114 x 114 mm
- angled 15°
- high temp. resistant contact carrier
- Kontex-Plus and box terminal
- nickel plated contacts
- external metal parts made of stainless steel
- protection degree IP 67

drawing see page 45/5 (4 MB 9)

125	3	<u>12 100</u>	<u>12 101</u>		5	905
125	4	12 103	<u>12 104</u>	12 105	5	965
125	5	12 107	<u>12 108</u>	12 133	5	1070

PLUGS

suitable for harsh operating conditions,
especially resistant against aggressive ambience
IEC 60309-1/2, EN 60309, VDE 0623,
protection degree IP 44, IP 67

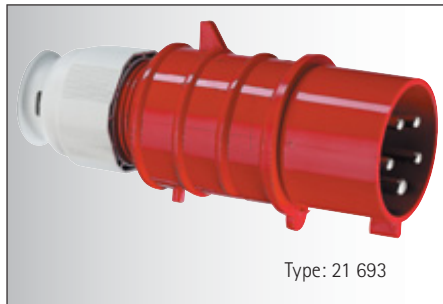


230V
50-60 Hz

400V
50-60 Hz

500V
50-60 Hz

Qty 9 each



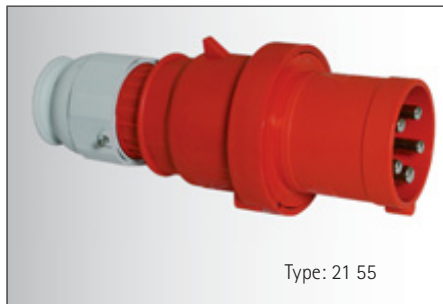
Type: 21 693

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 IP 44

drawing see page 48/4 (2 MB 93)

16	3	21 686	21 843	21 0169	10	150
16	4	21 839	21 687	21 688	10	170
16	5	21 840	21 689	21 0178	10	195
32	3	21 690	21 844	21 0184	10	265
32	4	21 841	21 691	21 692	10	280
32	5	21 842	21 693	21 623	10	330



Type: 21 55

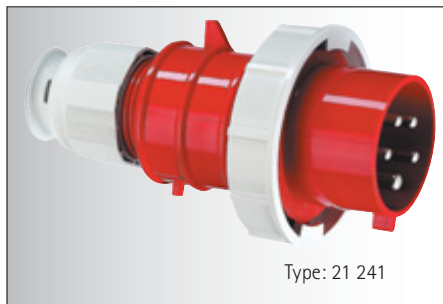
Plug TE with Multi-Grip

- screw terminals
- high temperature resistant contact carrier
- box terminal
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 44

drawing see page 48/5 (2 MB 158)

External cable gland please see page 244.

63	3	21 04	21 025	21 0030	5	610
63	4	21 50	21 51	21 52	5	680
63	5	21 54	21 55	21 167	5	735



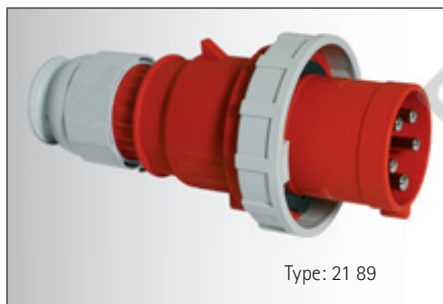
Type: 21 241

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 IP 67

drawing see page 50/2 (2 MB 94)

16	3	21 238	21 402	21 487	10	175
16	4	21 250	21 349	21 350	10	200
16	5	21 407	21 239	21 754	10	235
32	3	21 240	21 409	21 486	10	310
32	4	21 251	21 351	21 352	10	335
32	5	21 414	21 241	21 282	10	385



Type: 21 89

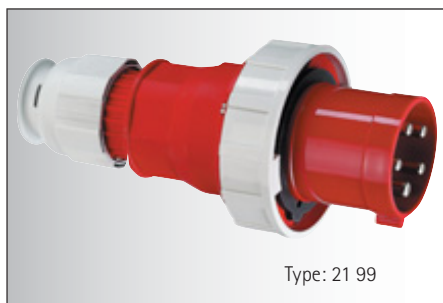
Plug TE with Multi-Grip

- screw terminals
- high temperature resistant contact carrier
- box terminal
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

drawing see page 50/4 (2 MB 159)

External cable gland please see page 244.

63	3	21 81	21 82	21 330	5	685
63	4	21 84	21 85	21 86	5	740
63	5	21 88	21 89	21 060	5	800



Type: 21 99

Plug TE with Multi-Grip

- screw terminals
- high temperature resistant contact carrier
- box terminal
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

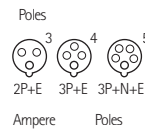
drawing see page 50/5 (2 MB 104)

External cable gland please see page 244.

125	3	21 91	21 92		5	1105
125	4	21 94	21 95	21 96	5	1210
125	5	21 98	21 99	21 555	5	1325

APPLIANCE INLETS

suitable for harsh operating conditions,
especially resistant against aggressive ambience
IEC 60309-1/2, EN 60309, VDE 0623,
protection degree IP 44, IP 67



Appliance Inlet with Flange Quick-Connect TE

- screwless terminals
- angled 10°
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44

drawing see page 60/1 (5 MB 21)

16	3	<u>27 121</u>	<u>27 210</u>		10	140
16	4	27 207	<u>27 122</u>	27 212	10	215
16	5	27 216	<u>27 124</u>	27 217	10	240
32	3	<u>27 219</u>	27 220		10	275
32	4	27 222	<u>27 223</u>	27 224	10	290
32	5	27 248	<u>27 249</u>		10	315

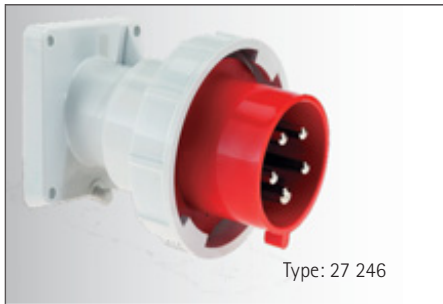


Appliance Inlet with Flange TE

- screw terminals
- angled 10°
- high temperature resistant contact carrier
- box terminal
- nickel plated contacts
- protection degree IP 44

drawing see page 60/2 (5 MB 21)

63	3	<u>27 71</u>	<u>27 72</u>		5	550
63	4	27 74	<u>27 75</u>	27 76	5	620
63	5	27 80	<u>27 81</u>		5	675



Appliance Inlet with Flange Quick-Connect TE

- screwless terminals
- angled 10°
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

Accessories:
closure cap see page 244

drawing see page 60/3 (5 MB 22)

16	3	<u>27 83</u>	<u>27 228</u>		10	215
16	4	27 86	<u>27 87</u>	27 230	10	245
16	5	27 234	<u>27 93</u>	27 278	10	275
32	3	<u>27 236</u>	27 237		10	330
32	4	27 239	<u>27 240</u>	27 241	10	350
32	5	27 245	<u>27 246</u>		10	400



Appliance Inlet with Flange TE

- screw terminals
- angled 10°
- high temperature resistant contact carrier
- box terminal
- nickel plated contacts
- protection degree IP 67

Accessories:
closure cap see page 244

drawing see page 60/4 (5 MB 22)

63	3	<u>27 007</u>	<u>27 008</u>		5	615
63	4	27 010	<u>27 011</u>	27 012	5	685
63	5	27 016	<u>27 017</u>		5	740



Appliance Inlet with Flange TE

- screw terminals
- angled 10°
- high temperature resistant contact carrier
- box terminal
- nickel plated contacts
- protection degree IP 67

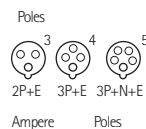
Accessories:
closure cap see page 244

drawing see page 60/5 (5 MB 56)

125	3	<u>27 36</u>	<u>27 37</u>		5	1080
125	4	27 39	<u>27 40</u>	27 41	5	1140
125	5	27 43	<u>27 44</u>	27 024	5	1265

CONNECTORS

suitable for harsh operating conditions,
especially resistant against aggressive ambience
IEC 60309-1/2, EN 60309, VDE 0623,
protection degree IP 44, IP 67

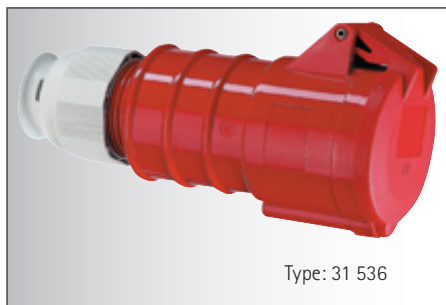


230V
50-60 Hz

400V
50-60 Hz

500V
50-60 Hz

Qty 9 each



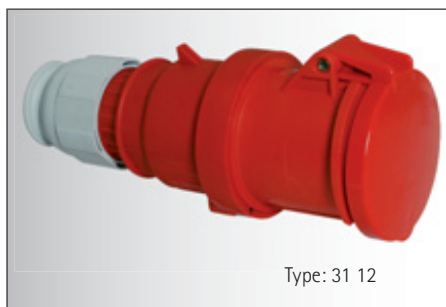
Type: 31 536

Connector TE-Plus with Multi-Grip

- screwless terminals
- high temperature resistant contact carrier
- Kontex-terminals
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 44

drawing see page 70/3 (3 MB 62)

Ampere	Poles	3pol 6h	4pol 9h	5pol 9h	3pol 7h	4pol 7h	5pol 7h	Qty	each
16	3	31 533	31 665	31 955	10	155			
16	4	31 661	31 534	31 959	10	195			
16	5	31 662	31 536	31 964	10	225			
32	3	31 968	31 666	31 970	10	290			
32	4	31 974	31 975	31 976	10	310			
32	5	31 664	31 981	31 884	10	350			



Type: 31 12

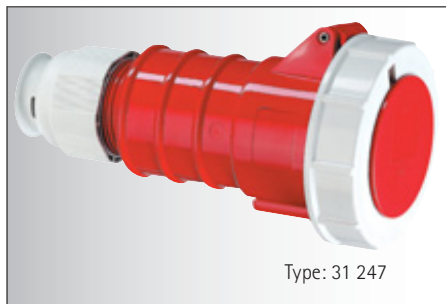
Connector TE with Multi-Grip

- screw terminals
- high temperature resistant contact carrier
- Kontex-Plus
- box terminal
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 44

drawing see page 70/4 (3 MB 107)

External cable gland please see page 244.

Ampere	Poles	3pol 6h	4pol 9h	5pol 9h	3pol 7h	4pol 7h	5pol 7h	Qty	each
63	3	31 04	31 09	31 723	5	670			
63	4	31 50	31 51	31 52	5	730			
63	5	31 54	31 12	31 086	5	775			



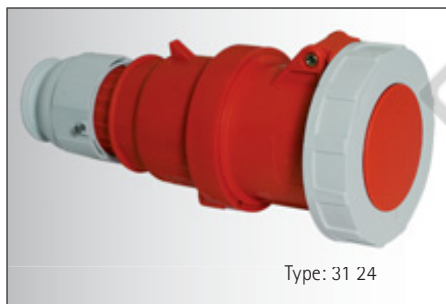
Type: 31 247

Connector TE-Plus with Multi-Grip

- screwless terminals
- high temperature resistant contact carrier
- Kontex-terminals
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

drawing see page 72/2 (3 MB 63)

Ampere	Poles	3pol 6h	4pol 9h	5pol 9h	3pol 7h	4pol 7h	5pol 7h	Qty	each
16	3	31 240	31 299	31 457	10	195			
16	4	31 302	31 241	31 242	10	230			
16	5	31 306	31 243	31 501	10	265			
32	3	31 244	31 308		10	355			
32	4	31 310	31 245	31 246	10	375			
32	5	31 314	31 247	31 207	10	420			



Type: 31 24

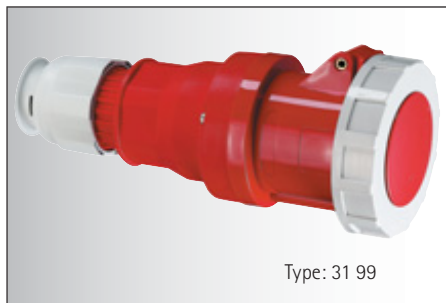
Connector TE with Multi-Grip

- screw terminals
- high temperature resistant contact carrier
- box terminal
- Kontex-terminals
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

drawing see page 72/3 (3 MB 109)

Ampere	Poles	3pol 6h	4pol 9h	5pol 9h	3pol 7h	4pol 7h	5pol 7h	Qty	each
63	3	31 81	31 82	31 724	5	725			
63	4	31 84	31 85	31 86	5	785			
63	5	31 88	31 24	31 082	5	830			

External cable gland please see page 244.



Type: 31 99

Connector TE with Multi-Grip

- screw terminals
- high temperature resistant contact carrier
- box terminal
- Kontex-Plus
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

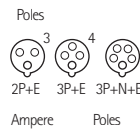
drawing see page 72/5 (3 MB 69)

External cable gland please see page 244.

Ampere	Poles	3pol 6h	4pol 9h	5pol 9h	3pol 7h	4pol 7h	5pol 7h	Qty	each
125	3	31 91	31 92		5	1130			
125	4	31 94	31 95	31 96	5	1230			
125	5	31 98	31 99	31 417	5	1350			

SURFACE MOUNTING SOCKET OUTLETS

switched, interlocked
suitable for harsh operating conditions,
especially resistant against aggressive ambience
IEC 60309-1/2, EN 60309, VDE 0623, protection degree IP 44



230V
50-60 Hz

400V
50-60 Hz

500V
50-60 Hz

Qty 9 each



Type: 16 907

Surface Mounting Socket Outlet
• switched
• with mechanical double interlocking
• in 0-position lockable
• opening direction of the hinged lid is dirt-repellent
• high temperature resistant contact carrier
• nickel plated contacts
• protection degree IP 44
drawing see page 94/1 (12 MB 3)

16	3	16 902			1	640
16	4	16 903	16 904	16 905	1	720
16	5	16 906	16 907		1	730



Type: 16 0180

Surface Mounting Socket Outlet
• switched
• with mechanical double interlocking
• in 0-position lockable
• opening direction of the hinged lid is dirt-repellent
• high temperature resistant contact carrier
• nickel plated contacts
• protection degree IP 44
drawing see page 94/2 (12 MB 24)

16	4	16 908	16 909	16 910	1	1150
16	5		16 0180		1	1160



Type: 16 0181

Surface Mounting Socket Outlet
• switched
• with mechanical double interlocking
• in 0-position lockable
• opening direction of the hinged lid is dirt-repellent
• high temperature resistant contact carrier
• nickel plated contacts
• protection degree IP 44
drawing see page 94/3 (12 MB 24)

32	4	16 894	16 851	16 850	1	1280
32	5		16 0181		1	1290



Type: 16 901

Surface Mounting Socket Outlet
• switched
• with mechanical double interlocking
• in 0-position lockable
• opening direction of the hinged lid is dirt-repellent
• high temperature resistant contact carrier
• Kontex-Plus and box terminal
• nickel plated contacts
• protection degree IP 44
drawing see page 94/4 (12 MB 30)

63	4	16 898	16 899	16 900	1	2900
63	5		16 901		1	3030

SURFACE MOUNTING SOCKET OUTLETS

switched, interlocked
suitable for harsh operating conditions,
especially resistant against aggressive ambience
IEC 60309-1/2, EN 60309, VDE 0623, protection degree IP 67

Poles			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Qty	9 each
Ampere	Poles		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol		
	2P+E	3P+E	6h	9h	9h	9h	6h	6h	7h	7h	7h		



Type: 16 916

Surface Mounting Socket Outlet

- switched
 - with mechanical double interlocking
 - in 0-position lockable
 - opening direction of the hinged lid is dirt-repellent
 - high temperature resistant contact carrier
 - nickel plated contacts
 - protection degree IP 67
- drawing see page 100/1 (12 MB 6)

16	3	<u>16 911</u>			1	740
16	4	<u>16 912</u>	<u>16 913</u>	<u>16 914</u>	1	770
16	5	<u>16 915</u>	<u>16 916</u>		1	780



Type: 16 0182

Surface Mounting Socket Outlet

- switched
 - with mechanical double interlocking
 - in 0-position lockable
 - opening direction of the hinged lid is dirt-repellent
 - high temperature resistant contact carrier
 - nickel plated contacts
 - protection degree IP 67
- drawing see page 100/2 (12 MB 11)

16	4	<u>16 917</u>	<u>16 918</u>	<u>16 919</u>	1	1170
16	5		<u>16 0182</u>		1	1190



Type: 16 0184

Surface Mounting Socket Outlet

- switched
 - with mechanical double interlocking
 - in 0-position lockable
 - opening direction of the hinged lid is dirt-repellent
 - high temperature resistant contact carrier
 - nickel plated contacts
 - protection degree IP 67
- drawing see page 100/3 (12 MB 11)

32	4	<u>16 879</u>	<u>16 0183</u>	<u>16 881</u>	1	1340
32	5		<u>16 0184</u>		1	1350

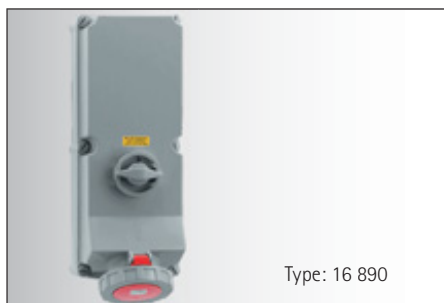


Type: 16 886

Surface Mounting Socket Outlet

- switched
 - with mechanical double interlocking
 - in 0-position lockable
 - opening direction of the hinged lid is dirt-repellent
 - high temperature resistant contact carrier
 - Kontex-Plus and box terminal
 - nickel plated contacts
 - protection degree IP 67
- drawing see page 100/4 (12 MB 10)

63	4	<u>16 883</u>	<u>16 884</u>	<u>16 885</u>	1	2960
63	5		<u>16 886</u>		1	3100



Type: 16 890

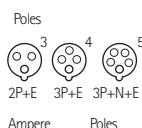
Surface Mounting Socket Outlet

- switched
 - with mechanical double interlocking
 - in 0-position lockable
 - opening direction of the hinged lid is dirt-repellent
 - high temperature resistant contact carrier
 - Kontex-Plus and box terminal
 - nickel plated contacts
 - protection degree IP 67
- drawing see page 100/5 (12 MB 5)

125	4	<u>16 887</u>	<u>16 888</u>	<u>16 889</u>	2	5800
125	5		<u>16 890</u>		2	5900

SURFACE MOUNTING SOCKET OUTLETS

switched, interlocked, fused
suitable for harsh operating conditions,
especially resistant against aggressive ambience
IEC 60309-1/2, EN 60309, VDE 0623, protection degree IP 44



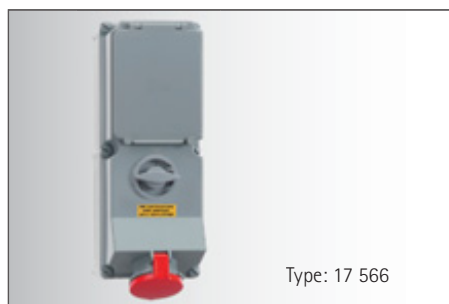
230V
50-60 Hz

400V
50-60 Hz

500V
50-60 Hz



9
each



Type: 17 566

Surface Mounting Socket Outlet
• switched, interlocked
• in 0-position lockable
• with DIN rail 6 modules on 16A and 32A, 8 modules on 63A
• high temperature resistant contact carrier
• nickel plated contacts
• 63A: box terminal and Kontex-Plus
• protection degree IP 44
drawing see page 102/1 (12 MB 21)

16	4	17 605	17 606	17 607	1	2000
16	5		17 608		1	2010
32	4	17 609	17 610	17 611	1	2150
32	5		17 612		1	2160
63	4	17 563	17 564	17 565	2	4500
63	5		17 566		2	4650



Type: 17 569

Surface Mounting Socket Outlet
• switched, interlocked
• in 0-position lockable
• with fuse base D 01 on 16A, D 02 on 32A and 63A
• high temperature resistant contact carrier
• nickel plated contacts
• 63A: box terminal and Kontex-Plus
• protection degree IP 44
drawing see page 102/2 (12 MB 21)

16	4	17 613	17 614		1	2240
16	5		17 615		1	2250
32	4	17 616	17 617		1	2450
32	5		17 618		1	2460
63	4	17 567	17 568		2	4800
63	5		17 569		2	4900



Type: 17 573

Surface Mounting Socket Outlet
• switched, interlocked
• in 0-position lockable
• with fuse base D II on 16A, D III on 32A and 63A
• high temperature resistant contact carrier
• nickel plated contacts
• 63A: box terminal and Kontex-Plus
• protection degree IP 44
drawing see page 102/3 (12 MB 21)

16	4	17 619	17 620	17 621	1	2400
16	5		17 622		1	2410
32	4	17 623	17 624	17 625	1	2770
32	5		17 626		1	2780
63	4	17 570	17 571	17 572	2	5100
63	5		17 573		2	5250



Type: 17 576

Surface Mounting Socket Outlet
• switched, interlocked
• in 0-position lockable
• with MCB C charac. 3pole
• high temperature resistant contact carrier
• nickel plated contacts
• 63A: box terminal and Kontex-Plus
• protection degree IP 44
drawing see page 102/4 (12 MB 21)

16	4	17 627	17 628		1	2380
16	5		17 629		1	2390
32	4	17 630	17 631		1	2520
32	5		17 632		1	2530
63	4	17 574	17 575		2	5000
63	5		17 576		2	5100



Type: 17 579

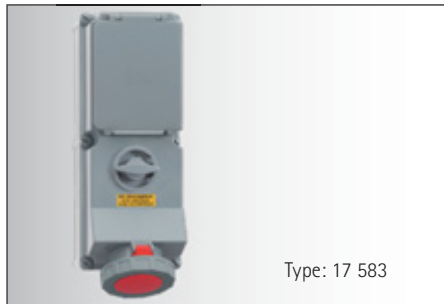
Surface Mounting Socket Outlet
• switched, interlocked
• in 0-position lockable
• 3pol. MCB „C“ char. and RCD 25/0,03A on 16A, 3pol. MCB „C“ char. and RCD 40/0,03A on 32A, 3pol. D 02 and RCD 63/0,03A on 63A
• high temp. resistant contact carrier
• nickel plated contacts
• 63A: box terminal and Kontex-Plus
• protection degree IP 44
drawing see page 102/5 (12 MB 21)

16	4	17 633	17 634		1	2690
16	5		17 635		1	2700
32	4	17 636	17 637		1	2880
32	5		17 638		1	2900
63	4	17 577	17 578		2	5200
63	5		17 579		2	5350

SURFACE MOUNTING SOCKET OUTLETS

switched, interlocked, fused
suitable for harsh operating conditions,
especially resistant against aggressive ambience
IEC 60309-1/2, EN 60309, VDE 0623, protection degree IP 67

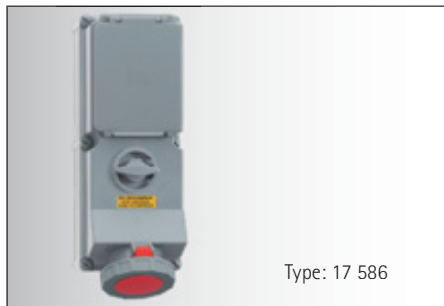
Poles			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			Qty	g each
Ampere	Poles		3pol	4pol	5pol	3pol	4pol	5pol	3pol	4pol	5pol		
			6h	9h	9h	9h	6h	6h	7h	7h	7h		



Type: 17 583

Surface Mounting Socket Outlet
 • switched, interlocked
 • in 0-position lockable
 • with DIN rail 6 modules at 16A and 32A, 8 modules at 63A
 • high temperature resistant contact carrier
 • nickel plated contacts
 • 63A: box terminal and Kontex-Plus
 • protection degree IP 67
 drawing see page 104/1 (12 MB 12)

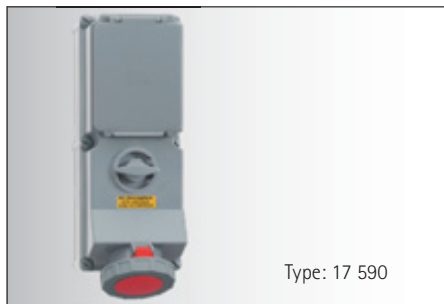
16	4	17 639	17 640	17 641	1	2020
16	5		17 642		1	2030
32	4	17 643	17 644	17 645	1	2200
32	5		17 646		1	2220
63	4	17 580	17 581	17 582	2	4600
63	5		17 583		2	4700



Type: 17 586

Surface Mounting Socket Outlet
 • switched, interlocked
 • in 0-position lockable
 • with fuse base
 D 01 at 16A, D 02 at 32A and 63A
 • high temperature resistant contact carrier
 • nickel plated contacts
 • 63A: box terminal and Kontex-Plus
 • protection degree IP 67
 drawing see page 104/2 (12 MB 12)

16	4	17 647	17 648		1	2260
16	5		17 649		1	2300
32	4	17 650	17 651		1	2500
32	5		17 652		1	2520
63	4	17 584	17 585		2	4850
63	5		17 586		2	5000



Type: 17 590

Surface Mounting Socket Outlet
 • switched, interlocked
 • in 0-position lockable
 • with fuse base
 D II at 16A, D III at 32A and 63A
 • high temperature resistant contact carrier
 • nickel plated contacts
 • 63A: box terminal and Kontex-Plus
 • protection degree IP 67
 drawing see page 104/3 (12 MB 12)

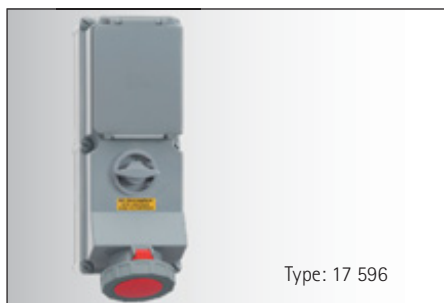
16	4	17 653	17 654	17 655	1	2420
16	5		17 656		1	2430
32	4	17 657	17 658	17 659	1	2820
32	5		17 660		1	2840
63	4	17 587	17 588	17 589	2	5150
63	5		17 590		2	5300



Type: 17 593

Surface Mounting Socket Outlet
 • switched, interlocked
 • in 0-position lockable
 • with MCB „C“ charac. 3pole
 • high temperature resistant contact carrier
 • nickel plated contacts
 • 63A: box terminal and Kontex-Plus
 • protection degree IP 67
 drawing see page 104/4 (12 MB 12)

16	4	17 661	17 662		1	2400
16	5		17 663		1	2430
32	4	17 664	17 665		1	2580
32	5		17 666		1	2600
63	4	17 591	17 592		2	5050
63	5		17 593		2	5200



Type: 17 596

Surface Mounting Socket Outlet
 • switched, interlocked
 • in 0-position lockable
 • 3pol. MCB „C“ char. and RCD 25/0,03A at 16A, 3pol. MCB „C“ char. and RCD 40/0,03A at 32A, 3pol. D 02 and RCD 63/0,03A at 63A
 • high temp. resistant contact carrier
 • nickel plated contacts
 • 63A: box terminal and Kontex-Plus
 • protection degree IP 67
 drawing see page 104/5 (12 MB 12)

16	4	17 667	17 668		1	2720
16	5		17 669		1	2730
32	4	17 670	17 671		1	2950
32	5		17 672		1	2970
63	4	17 594	17 595		2	5250
63	5		17 596		2	5400



Type: 17 604

Surface Mounting Socket Outlet
 • switched, interlocked
 • in 0-position lockable
 • with Sicherungslasttrennschalter NH00
 • high temperature resistant contact carrier
 • nickel plated contacts
 • box terminal and Kontex-Plus
 • protection degree IP 67
 drawing see page 104/1 (12 MB 12)

63	4	17 601	17 602	17 603	1	5400
63	5		17 604		1	5500

Products 63A with PILOT contact use indicated part.-no. and add index „P“.

For further information please see Bals.com · Other voltages and frequencies are available on request.

SURFACE MOUNTING SOCKET OUTLETS

switched, interlocked, fused
suitable for harsh operating conditions,
especially resistant against aggressive ambience
IEC 60309-1/2, EN 60309, VDE 0623, protection degree IP 67

Poles			230V 50-60 Hz	400V 50-60Hz	500V 50-60Hz	Qty	
3	4	5				9	each
2P+E	3P+E	3P+N+E	3pol 4pol 5pol 6h 9h 9h	3pol 4pol 5pol 9h 6h 6h	3pol 4pol 5pol 7h 7h 7h		



Type: 17 600

Surface Mounting Socket Outlet

- switched, interlocked
- in 0-position lockable
- with fuse circuit breaker NH00
- high temperature resistant contact carrier
- nickel plated contacts
- box terminal and Kontex-Plus
- protection degree IP 44

drawing see page 102/1 (12 MB 21)

63	4	17 597	17 598	17 599	1	5300
63	5		17 600		1	5450

FONLEE
豐立自動控制器材有限公司
www.fonlee.com.tw



PLUGS AND SOCKETS FOR ZONE 1, 2, 21 AND 22

Surface Mounting
Socket Outlets
Zone 22
Page 180, 181



Plugs Zone 22
Page 180, 181



Surface Mounting
Socket Outlets
Zone 1, 2 and 21
Page 182, 183



Panel Mounting Socket
Outlets Zone
1, 2 and 21
Page 182, 183



Plugs Zone 1, 2 and 21
Page 184, 185



Preferred scopes



Construction Industry



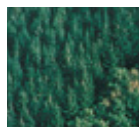
Camping site



Industry



Building Services



Farming

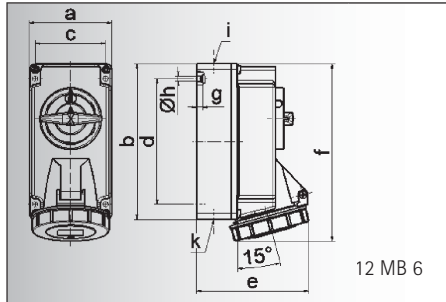


Harbour and Shipbuilding

SURFACE MOUNTING SOCKET OUTLETS AND PLUGS FOR DUST AREAS-Ex

(ZONE 22)

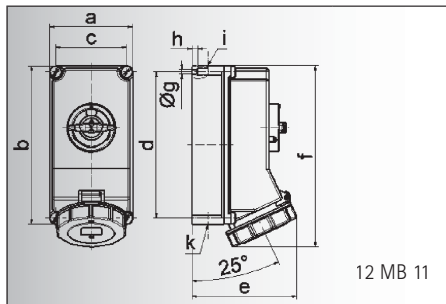
IEC 60309-1/2, EN 60309, VDE 0623, housing and socket insert made of high grade plastic, hinged cover opens from front and reduces potential accumulation of dust, moisture or dirt inside cover, protection degree IP 67



Ampere	16	16	16
Poles	3	4	5
a	90,0	90,0	90,0
b	170,0	170,0	170,0
c	77,0	77,0	77,0
d	137,5	137,5	137,5
e	108,0	115,0	121,0
f	191,5	191,5	191,5
g	6,0	6,0	6,0
h Ø	5,5	5,5	5,5
i	M 20	M 20	M 20
k	M 20/25	M 20/25	M 20/25

Surface Mounting Socket Outlet Zone 22

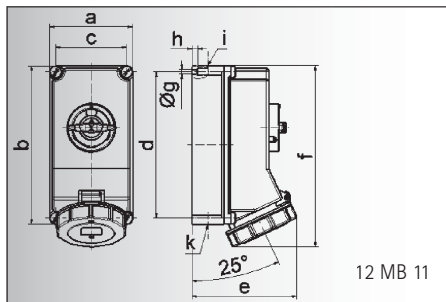
- switched
- in 0-position lockable
- with mechanical double interlocking
- protection degree IP 67



Ampere	16	16
Poles	4	5
a	118,0	118,0
b	225,0	225,0
c	101,0	101,0
d	208,0	208,0
e	127,0	134,0
f	245,0	245,0
g Ø	6,5	6,5
h	8,0	8,0
i	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25

Surface Mounting Socket Outlet Zone 22

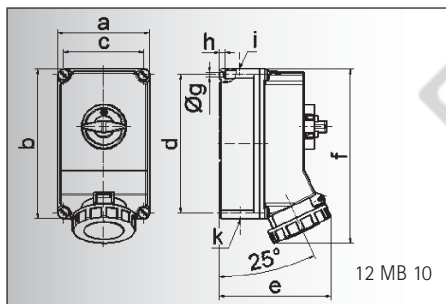
- switched
- in 0-position lockable
- with mechanical double interlocking
- protection degree IP 67



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
g Ø	6,5	6,5	6,5
h	8,0	8,0	8,0
i	2 x M 25	2 x M 25	2 x M 25
k	2 x M 25	2 x M 25	2 x M 25

Surface Mounting Socket Outlet Zone 22

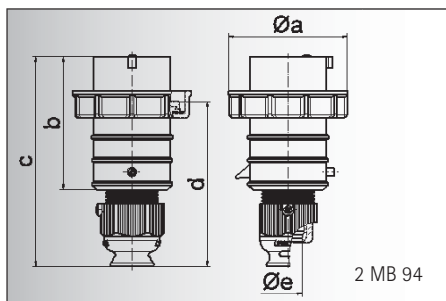
- switched
- in 0-position lockable
- with mechanical double interlocking
- protection degree IP 67



Ampere	63	63	63
Poles	3	4	5
a	160,0	160,0	160,0
b	260,0	260,0	260,0
c	140,0	140,0	140,0
d	240,0	240,0	240,0
e	195,0	195,0	195,0
f	304,0	304,0	304,0
g Ø	8,1	8,1	8,1
h	10,0	10,0	10,0
i	M 40	M 40	M 40
k	M 32/40	M 32/40	M 32/40

Surface Mounting Socket Outlet Zone 22

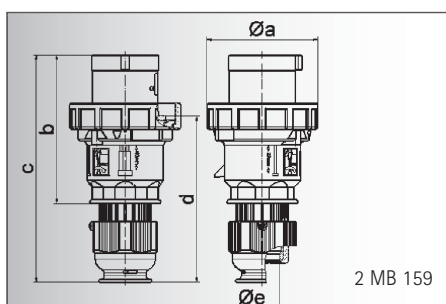
- switched
- in 0-position lockable
- with mechanical double interlocking
- Kontex-Plus
- box terminal
- protection degree IP 67



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a Ø	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
e Ø	18,0	18,0	21,0	23,0	23,0	27,0
Cond. mm² min	1	1	1	2,5	2,5	2,5
Cond. mm² max	2,5	2,5	2,5	6	6	6

Plug TE-PLUS with Multi-Grip Zone 22

- screwless terminals
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67



Ampere	63	63	63
Poles	3	4	5
a Ø	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
e Ø	36,0	36,0	36,0
Cond. mm² min	6	6	6
Cond. mm² max	16	16	16

Plug TE with Multi-Grip Zone 22

- screw terminals
- box terminal
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67



16	3		<u>16 0371</u>					1	740
16	4			<u>16 0372</u>				1	770
16	5			<u>16 0373</u>				1	780



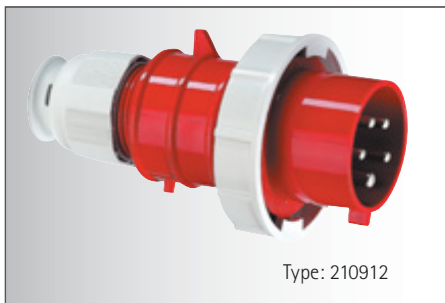
16	4			<u>16 0374</u>	<u>16 0426</u>			1	1170
16	5			<u>16 0375</u>				1	1190



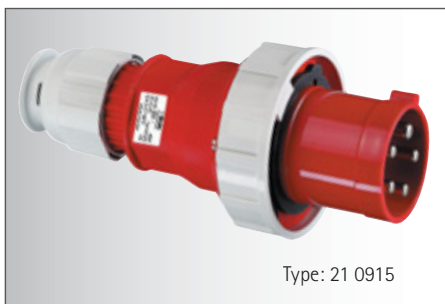
32	3		<u>16 0376</u>					1	1320
32	4			<u>16 0377</u>	<u>16 0428</u>			1	1340
32	5			<u>16 0378</u>				1	1350



63	3		<u>16 0379</u>					1	2900
63	4			<u>16 0380</u>	<u>16 0430</u>			1	2960
63	5			<u>16 0381</u>				1	3100

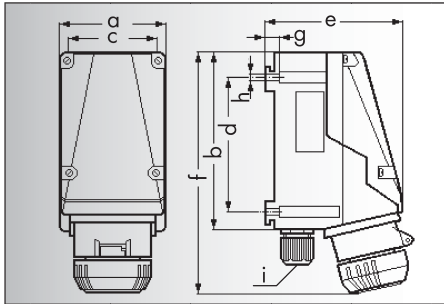


16	3		<u>21 0907</u>					10	175
16	4			<u>21 0908</u>	<u>21 0958</u>			10	200
16	5			<u>21 0909</u>				10	235
32	3		<u>21 0910</u>					10	310
32	4			<u>21 0911</u>	<u>21 0959</u>			10	335
32	5			<u>21 0912</u>				10	385



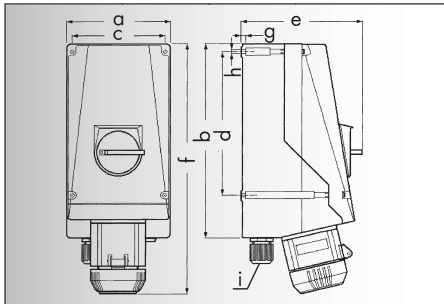
63	3		<u>21 0913</u>					5	685
63	4			<u>21 0914</u>	<u>21 0960</u>	<u>21 0961</u>		5	740
63	5			<u>21 0915</u>				5	800

External cable gland please see page 244.



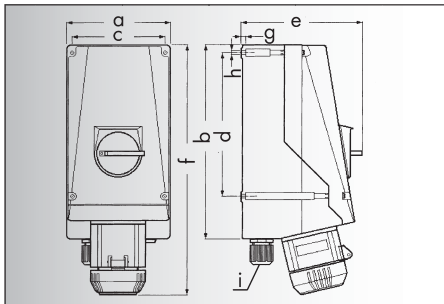
Ampere	16	16	16	32	32
Poles	3	4	5	4	5
a	90,0	110,0	110,0	120,0	120,0
b	155,0	175,0	175,0	205,0	205,0
c	80,0	100,0	100,0	110,0	110,0
d	115,0	135,0	135,0	170,0	170,0
e	121,0	147,0	147,0	166,0	168,0
f	223,0	236,0	236,0	285,0	293,0
g	11,0	11,0	11,0	11,0	11,0
h	7,0	7,0	7,0	7,0	7,0
i	1xM 25 sealing plus/1xM 25 Ex-gland			1xM 40 Closed/ 1xM 40 Ex-gland	
Cond. mm² min	1	1	1	4	4
Cond. mm² max	4	4	4	10	10

Surface Mounting Socket Outlet 		
	Zone 1 and 21	Zone 2
marking at 94/9/EG	 II 2 G  II 2 D*	 II 3 G  II 3 D**
type of protection	EEx de IIC T6	EEx nC IIC T6/T5
protection degree	IP 66	IP 66
EC-type examination certificate	PTB 99 ATEX 1039(16A) PTB 99 ATEX 1041(32A)	
declaration of conformity		PTB 99 ATEX 1115 (at 16A and 32A)



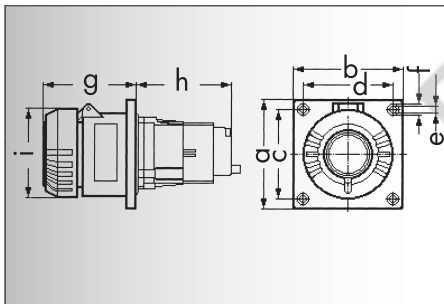
Ampere	63	63
Poles	4	5
a	200,0	200,0
b	370,0	370,0
c	180,0	180,0
d	276,0	276,0
e	226,0	226,0
f	475,0	475,0
g	10,0	10,0
h	9,0	9,0
i	M 50 Ex-gland	
Cond. mm² min	6	6
Cond. mm² max	25	25

Surface Mounting Socket Outlet 		
	Zone 1 and 21	Zone 2
marking at 94/9/EG	 II 2 G  II 2 D*	 II 3 G  II 3 D**
type of protection	EEx de IIC T6	EEx de IIC T6
protection degree	IP 66	IP 66
EC-type examination certificate	applied	
declaration of conformity		EEx nC IIC T6



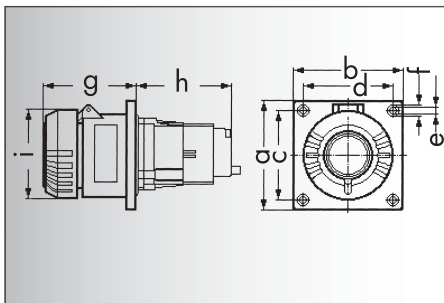
Ampere	125	125
Poles	4	5
a	234,0	234,0
b	430,0	430,0
c	218,0	218,0
d	303,0	303,0
e	258,0	258,0
f	537,0	537,0
g	11,0	11,0
h	9,0	9,0
i	M 63 Ex-gland	
Cond. mm² min	16	16
Cond. mm² max	70	70

Surface Mounting Socket Outlet 		
	Zone 1 and 21	
type of protection	EEx de IIC T6	
declaration of bescheinigung***	PTB-Nr. Ex-86.B.1070	
protection degree	IP 66	



Ampere	16	16	16
Poles	3	4	5
a	67,0	86,0	86,0
b	65,0	86,0	86,0
c	53,0	69,5	69,5
d	53,0	69,5	69,5
e	6,0	6,0	6,0
f	10,0	10,0	10,0
g	75,0	75,0	75,0
h	82,0	83,0	83,0
i	ø 72,0	ø 76,5	ø 84,0
Cond. mm² min	1	1	1
Cond. mm² max	4	4	4

Panel mounting socket outlet 		
	Zone 1 and 21	Zone 2
marking at 94/9/EG	 II 2 G  II 2 D*	 II 3 G  II 3 D**
type of protection	EEx de IIC T6	EEx nC IIC T6/T5
protection degree	IP 66	IP 66
EC-type examination certificate	PTB 99 ATEX 1040 U	
declaration of conformity		PTB 99 ATEX 1115



Ampere	32	32
Poles	4	5
a	86,0	86,0
b	86,0	86,0
c	69,5	69,5
d	69,5	69,5
e	6,0	6,0
f	10,0	10,0
g	85,0	91,0
h	142,0	142,0
i	ø 95,5	ø 100,0
Cond. mm² min	4	4
Cond. mm² max	10	10

Panel mounting socket outlet 		
	Zone 1 and 21	Zone 2
marking at 94/9/EG	 II 2 G  II 2 D*	 II 3 G  II 3 D**
type of protection	EEx de IIC T6	EEx nC IIC T6
protection degree	IP 66	IP 66
EC-type examination certificate	PTB 99 ATEX 1042 U	
declaration of conformity		PTB 99 ATEX 1115

* II 2 D applied

** II 3 D applied

*** Application for EC-type examination certificate



16	3	Zone 1 and 21 Zone 2	16 0122 16 0113		
16	4	Zone 1 and 21 Zone 2	16 0123 16 0135	16 0124 16 0136	16 0125 16 0137
16	5	Zone 1 and 21 Zone 2		16 0126 16 0114	
32	4	Zone 1 and 21 Zone 2	16 0127 16 0138	16 0128 16 0139	16 0129 16 0140
32	5	Zone 1 and 21 Zone 2		16 0130 16 0115	



63	4	Zone 1 and 21 Zone 2	16 0131 16 0141	16 0132 16 0142	16 0133 16 0143
63	5	Zone 1 and 21 Zone 2		16 0134 16 0144	



125	4	Zone 1 and 21 Zone 2*		16 0300	16 0301
125	5	Zone 1 and 21 Zone 2*	16 0145	16 0146	16 0147



16	3	Zone 1 and 21 Zone 2	13 862 13 874		
16	4	Zone 1 and 21 Zone 2	13 867 13 875	13 868 13 876	13 869 13 877
16	5	Zone 1 and 21 Zone 2		13 863 13 878	



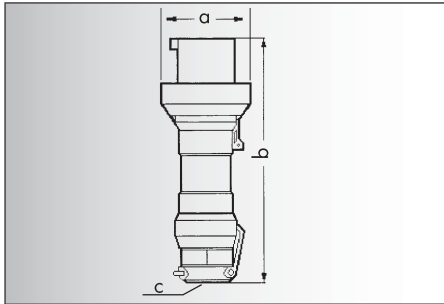
32	4	Zone 1 and 21 Zone 2	13 870 13 879	13 871 13 880	13 872 13 881
32	5	Zone 1 and 21 Zone 2		13 873 13 882	

* Go back to Zone 1 and 2 devices.

PLUGS

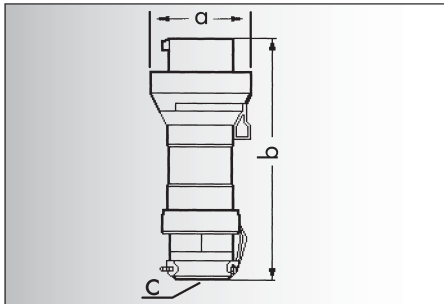


IEC 60309-1/2, directive 94/9/EG
Zone 1, 2, 21



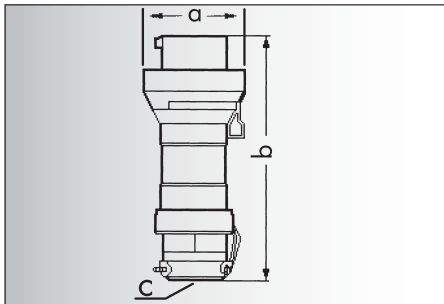
Ampere	16	16	16	32	32
Poles	3	4	5	4	5
a	72,0	76,5	84,0	95,0	100,0
b	170,0	187,0	187,0	249,0	249,0
c	ø 9-17 mm	ø 9-17 mm	ø 9-17 mm	ø 12-28 mm	ø 12-28 mm
Cond. mm² min	1	1	1	1	1
Cond. mm² max	2,5	2,5	2,5	6	6

Plug 	Zone 1 and 21	Zone 2
marking at 94/9/EG	 II 2 G  II 2 D*	 II 3 G  II 3 D**
type of protection	EEx de IIC T6	EEx nC IIC T6/T5
protection degree	IP 66	IP 66
declaration of conformity		PTB 99 ATEX 1115 (at 16A and 32A)



Ampere	63	63
Poles	4	5
a	110,0	110,0
b	272,0	272,0
c	ø 19-28 mm	ø 19-28 mm
Cond. mm² min	6	6
Cond. mm² max	16	16

Plug 	Zone 1 and 21	Zone 2
marking at 94/9/EG	 II 2 G  II 2 D*	 II 3 G  II 3 D**
type of protection	EEx de IIC T6	EEx nC IIC T6
protection degree	IP 66	IP 66
declaration of conformity		EEx nC IIC T6



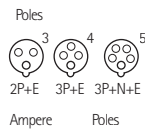
Ampere	125	125
Poles	4	5
a	120,0	120,0
b	310,0	310,0
c	ø 45-53 mm	ø 45-53 mm
Cond. mm² min	25	25
Cond. mm² max	35	35

Plug 	Zone 1 and 21	
type of protection	EEx de IIC T6	
declaration of conformity***	PTB-Nr. Ex-86.B.1070	
protection degree	IP 66	

* II 2 D applied

** II 3 D applied

*** Application for EC-type examination certificate



230V
50-60 Hz

3pol 4pol 5pol
6h 9h 9h

400V
50-60Hz

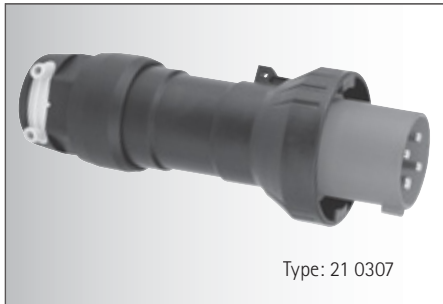
3pol 4pol 5pol
9h 6h 6h

500V
50-60Hz

3pol 4pol 5pol
7h 7h 7h



16	3	Zone 1 and 21 Zone 2	21 0288 21 0312		
16	4	Zone 1 and 21 Zone 2	21 0298 21 0313	21 0299 21 0314	21 0300 21 0315
16	5	Zone 1 and 21 Zone 2		21 0289 21 0318	
32	4	Zone 1 and 21 Zone 2	21 0301 21 0317	21 0302 21 0325	21 0303 21 0319
32	5	Zone 1 and 21 Zone 2		21 0304 21 0320	



63	4	Zone 1 and 21 Zone 2	21 0305 21 0321	21 0306 21 0322	21 0307 21 0323
63	5	Zone 1 and 21 Zone 2		21 0308 21 0324	



125	4	Zone 1 and 21 Zone 2*		21 0643	21 0644
125	5	Zone 1 and 21 Zone 2*	21 0309	21 0310	21 0311

* Go back to Zone 1 and 2 devices.



EXTREME LOW VOLTAGE PRODUCTS

Surface Mounting
Socket Outlets
Page 188, 189



Panel Mounting
Socket Outlets
Page 190, 191



Plugs
Page 192, 193



Surface Mounting
Appliance Inlets
Page 192, 193



Connectors
Page 192, 193



63A Surface- and
Panel Mounting
Socket Outlets
Page 194, 195



63A Plugs, Connectors,
Panel Mounting Appliance
Inlets
Page 194, 195



Preferred scopes



Construction Industry



Camping site



Industry



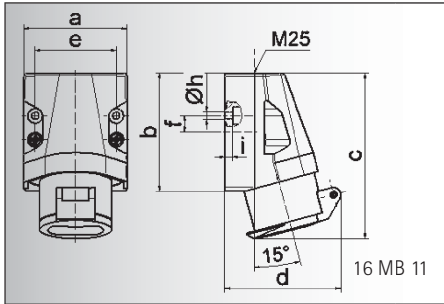
Building Services



Farming



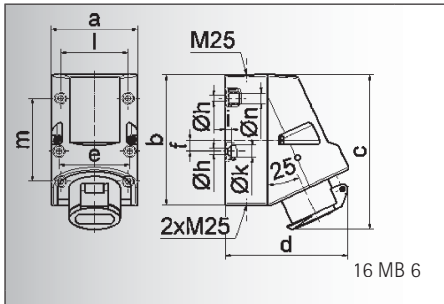
Harbour and Shipbuilding



Ampere	16	16	32	32
Poles	2	3	2	3
a	70,0	70,0	70,0	70,0
b	80,0	80,0	80,0	80,0
c	113,0	113,0	113,0	113,0
d	80,0	80,0	80,0	80,0
e	55,0	55,0	55,0	55,0
f	11,0	11,0	11,0	11,0
h ø	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

Surface Mounting Socket Outlet

- cable entry one at the top (open)
- protection degree IP 44



Ampere	16	16	32	32
Poles	2	3	2	3
a	83,0	83,0	83,0	83,0
b	126,0	126,0	126,0	126,0
c	149,0	149,0	149,0	149,0
d	120,0	120,0	120,0	120,0
e	68,0	68,0	68,0	68,0
f	11,0	11,0	11,0	11,0
h ø	5,5	5,5	5,5	5,5
i	6,5	6,5	6,5	6,5
k ø	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
n ø	10,0	10,0	10,0	10,0
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Surface Mounting Socket Outlet

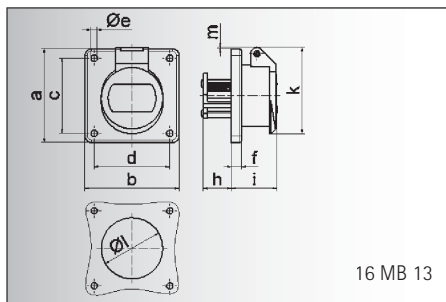
- cable entry one at the top (open), two at the bottom (closed)
- bottom part of housing can be turned by 180°
- 4 internal fixing holes
- suitable for feed through-wiring with special terminals (see page 244)
- protection degree IP 44



16	2	41 0	41 1	41 2	41 3	41 4	41 5	10	195
16	3	41 6	41 7	41 8	41 9	41 10	41 07	10	215
32	2	41 11	41 12	41 13	41 14	41 15	41 16	10	195
32	3	41 17	41 18	41 19	41 20	41 21	41 57	10	215



16	2	41 35	41 36	41 37	41 38	41 39	41 40	10	325
16	3	41 41	41 42	41 43	41 44	41 45	41 59	10	345
32	2	41 46	41 47	41 48	41 49	41 50	41 51	10	325
32	3	41 52	41 53	41 54	41 55	41 56		10	345

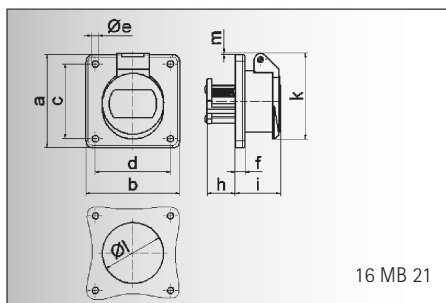


16 MB 13

Ampere	16	16	32	32
Poles	2	3	2	3
a	55,0	55,0	55,0	55,0
b	55,0	55,0	55,0	55,0
c	45,0	45,0	45,0	45,0
d	45,0	45,0	45,0	45,0
e Ø	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
l Ø	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 55 x 55 mm
- protection degree IP 44

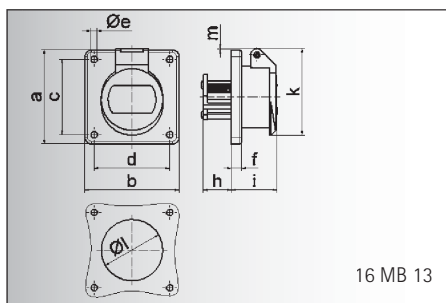


16 MB 21

Ampere	16	16	32	32
Poles	2	3	2	3
a	70,0	70,0	70,0	70,0
b	70,0	70,0	70,0	70,0
c	56,5	56,5	56,5	56,5
d	56,5	56,5	56,5	56,5
e Ø	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0
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
l Ø	49,0	49,0	49,0	49,0
m	4,0	4,0	4,0	4,0
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Panel mounting socket outlet

- screw terminals
- straight
- flange 70 x 70 mm
- protection degree IP 44

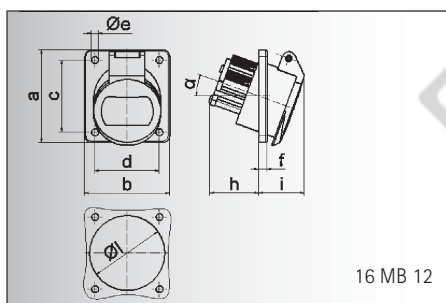


16 MB 13

Ampere	16	16	32	32
Poles	2	3	2	3
a	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0
e Ø	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
l Ø	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

Panel mounting socket outlet

- screw terminals
- straight
- flange 75 x 75 mm
- protection degree IP 44

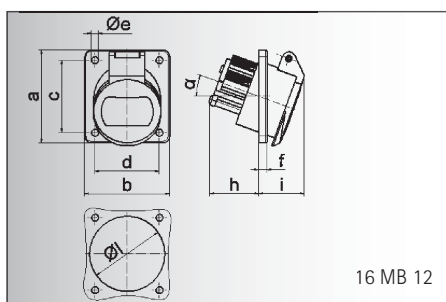


16 MB 12

Ampere	16	16	32	32
Poles	2	3	2	3
a	68,0	68,0	68,0	68,0
b	62,0	62,0	62,0	62,0
c	53,0	53,0	53,0	53,0
d	47,0	47,0	47,0	47,0
e Ø	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°
l Ø	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
- angled 20°
- flange 68 x 62 mm
- protection degree IP 44



16 MB 12

Ampere	16	16	32	32
Poles	2	3	2	3
a	100,0	100,0	100,0	100,0
b	92,0	92,0	92,0	92,0
c	85,0	85,0	85,0	85,0
d	77,0	77,0	77,0	77,0
e Ø	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°
l Ø	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
- angled 20°
- flange 100 x 92 mm
- protection degree IP 44



16	2	43 0	43 1	43 2	43 3	43 4	43 5	10	125
16	3	43 6	43 7	43 8	43 9	43 10	43 90	10	145
32	2	43 11	43 12	43 13	43 14	43 15	43 16	10	125
32	3	43 17	43 18	43 19	43 20	43 21		10	145



16	2	43 22	43 23	43 24	43 25	43 26	43 27	10	140
16	3	43 28	43 29	43 30	43 31	43 32		10	160
32	2	43 33	43 34	43 35	43 36	43 37	43 38	10	140
32	3	43 39	43 40	43 41	43 42	43 43		10	160



16	2	43 54	43 55	43 56	43 57	43 58	43 59	10	150
16	3	43 60	43 61	43 62	43 63	43 64	43 003	10	170
32	2	43 65	43 66	43 67	43 68	43 69	43 70	10	150
32	3	43 71	43 72	43 73	43 74	43 75		10	170



16	2	42 0	42 1	42 2	42 3	42 4	42 5	10	135
16	3	42 6	42 7	42 8	42 9	42 10		10	155
32	2	42 11	42 12	42 13	42 14	42 15	42 16	10	135
32	3	42 17	42 18	42 19	42 20	42 21	42 74	10	155



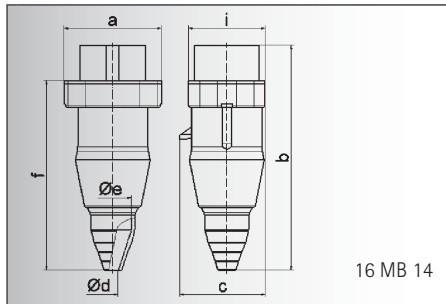
16	2	42 22	42 23	42 24	42 25	42 26	42 27	10	165
16	3	42 28	42 29	42 30	42 31	42 32		10	185
32	2	42 33	42 34	42 35	42 36	42 37	42 38	10	165
32	3	42 39	42 40	42 41	42 42	42 43		10	185

EXTREME LOW VOLTAGE

PLUGS, SURFACE MOUNTING APPLIANCE INLETS, CONNECTORS

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

protection degree IP 44

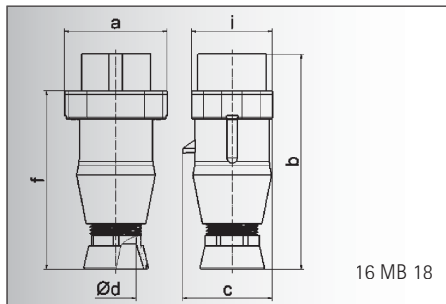


16 MB 14

Ampere	16	16	32	32
Poles	2	3	2	3
a	62,0	62,0	62,0	62,0
b	145,0	145,0	145,0	145,0
c	55,0	55,0	55,0	55,0
d Ø	7,0	7,0	7,0	7,0
e Ø	24,5	24,5	24,5	24,5
f	123,0	123,0	123,0	123,0
i	50,0	50,0	50,0	50,0
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Plug

- screw terminals
- with cable sleeve
- protection degree IP 44

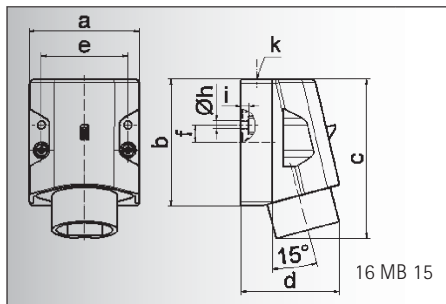


16 MB 18

Ampere	16	16	32	32
Poles	2	3	2	3
a	62,0	62,0	62,0	62,0
b	129,0	129,0	129,0	129,0
c	55,0	55,0	55,0	55,0
d Ø	24,5	24,5	24,5	24,5
f	107,0	107,0	107,0	107,0
i	50,0	50,0	50,0	50,0
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Plug

- screw terminals
- with cable gland
- protection degree IP 44

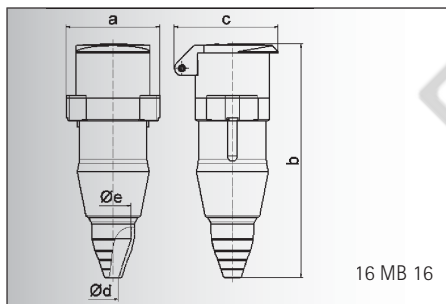


16 MB 15

Ampere	16	16	32	32
Poles	2	3	2	3
a	70,0	70,0	70,0	70,0
b	80,0	80,0	80,0	80,0
c	100,0	100,0	100,0	100,0
d	82,0	82,0	82,0	82,0
e	55,0	55,0	55,0	55,0
f	11,0	11,0	11,0	11,0
h Ø	5,2	5,2	5,2	5,2
i	5,0	5,0	5,0	5,0
k	M 25	M 25	M 25	M 25
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Surface Mounting Appliance Inlet

- screw terminals
- protection degree IP 44

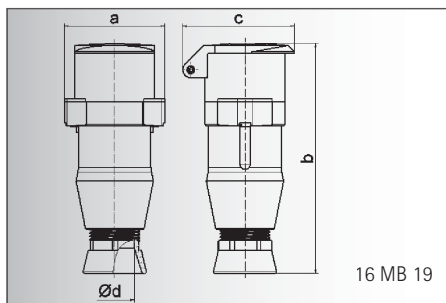


16 MB 16

Ampere	16	16	32	32
Poles	2	3	2	3
a	62,0	62,0	62,0	62,0
b	158,0	158,0	158,0	158,0
c	67,0	67,0	67,0	67,0
d Ø	7,0	7,0	7,0	7,0
e Ø	24,5	24,5	24,5	24,5
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Connector

- screw terminals
- with cable sleeve
- protection degree IP 44

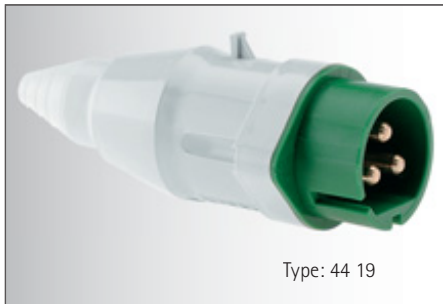


16 MB 19

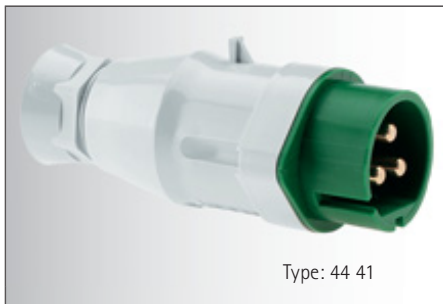
Ampere	16	16	32	32
Poles	2	3	2	3
a	62,0	62,0	62,0	62,0
b	142,0	142,0	142,0	142,0
c	67,0	67,0	67,0	67,0
d Ø	24,5	24,5	24,5	24,5
Cond. mm² min	4	4	4	4
Cond. mm² max	10	10	10	10

Connector

- screw terminals
- with cable gland
- protection degree IP 44



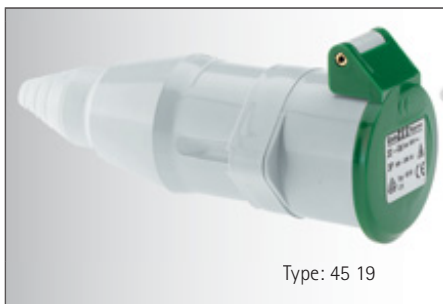
16	2	44 0	44 1	44 2	44 3	44 4	44 5	10	140
16	3	44 6	44 7	44 8	44 9	44 10	44 61	10	160
32	2	44 11	44 12	44 13	44 14	44 15	44 16	10	140
32	3	44 17	44 18	44 19	44 20	44 21	44 59	10	160



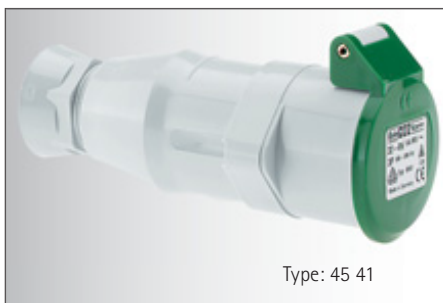
16	2	44 22	44 23	44 24	44 25	44 26	44 27	10	150
16	3	44 28	44 29	44 30	44 31	44 32	44 81	10	170
32	2	44 33	44 34	44 35	44 36	44 37	44 38	10	150
32	3	44 39	44 40	44 41	44 42	44 43		10	170



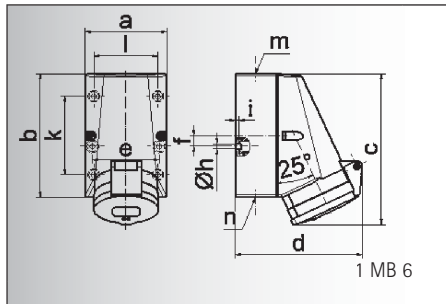
16	2	46 0	46 1	46 2	46 3	46 4	46 5	10	155
16	3	46 6	46 7	46 8	46 9	46 10		10	175
32	2	46 11	46 12	46 13	46 14	46 15	46 16	10	155
32	3	46 17	46 18	46 19	46 20	46 21		10	175



16	2	45 0	45 1	45 2	45 3	45 4	45 5	10	180
16	3	45 6	45 7	45 8	45 9	45 10	45 63	10	200
32	2	45 11	45 12	45 13	45 14	45 15	45 16	10	180
32	3	45 17	45 18	45 19	45 20	45 21		10	200



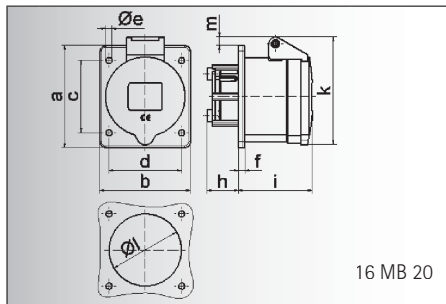
16	2	45 22	45 23	45 24	45 25	45 26	45 27	10	190
16	3	45 28	45 29	45 30	45 31	45 32		10	210
32	2	45 33	45 34	45 35	45 36	45 37	45 38	10	190
32	3	45 39	45 40	45 41	45 42	45 43		10	210



Ampere	63	63
Poles	2	3
a	83,0	
b	126,0	
c	158,0	
d	130,0	
e	68,0	
f	11,0	
h	5,3	
i	4,0	
k	80,0	
l	65,0	
m	M 25	
n	2 x M 25	

Surface Mounting Socket Outlet

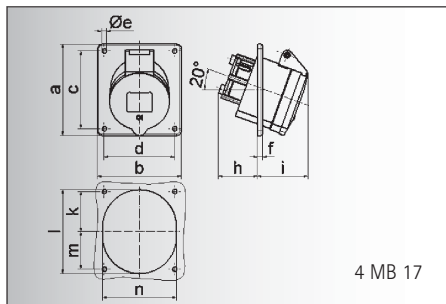
- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44



Ampere	63	63
Poles	2	3
a	85,0	
b	75,0	
c	60,0	
d	60,0	
e	5,2	
f	5,5	
h	27,0	
i	62,0	
k	90,0	
l	60,0	
m	7,5	

Panel Mounting Socket Outlet

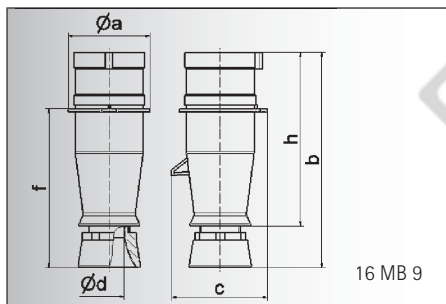
- screw terminals
- straight
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44



Ampere	63	63
Poles	2	3
a	100,0	
b	92,0	
c	85,0	
d	77,0	
e	5,1	
f	5,5	
h	42,0	
i	57,0	
k	44,0	
l	80,0	
m	41,0	
n	80,0	

Panel Mounting Socket Outlet

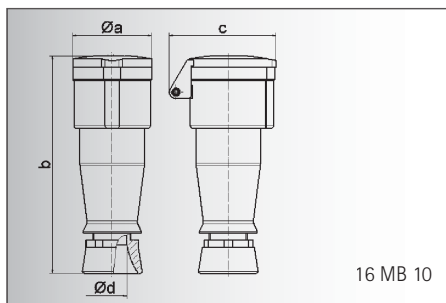
- screw terminals
- angled 20°
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44



Ampere	63	63
Poles	2	3
a Ø	66,0	
b	173,0	
c	78,0	
d Ø	24,5	
f	128,0	
h	140,0	

Plug

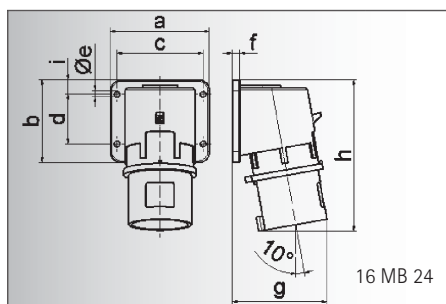
- screw terminals
- with cable gland
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44



Ampere	63	63
Poles	2	3
a Ø	66,5	
b	183,0	
c	91,0	
d Ø	24,5	

Connector

- screw terminals
- with cable gland
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44



Ampere	63	63
Poles	2	3
a	90,0	
b	75,0	
c	78,0	
d	45,0	
e	5,5	
f	7,0	
g	86,0	
h	138,0	
i	13,0	

Panel Mounting Appliance Inlet

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44



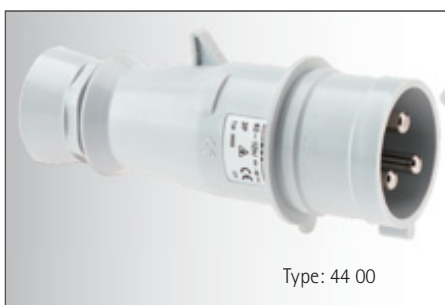
63	2		41 08 ¹⁾			10	385
63	3	41 01 ²⁾	41 00 ²⁾	41 02 ³⁾	41 33 ²⁾	10	420



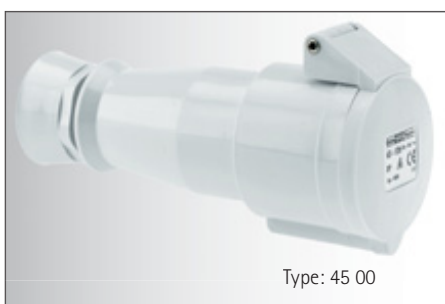
63	2		43 06 ¹⁾			10	250
63	3	43 03 ²⁾	43 02 ²⁾	43 05 ³⁾	43 77 ²⁾	10	250



63	2		42 08 ¹⁾			10	255
63	3	42 01 ²⁾	42 00 ²⁾	42 02 ³⁾	42 09 ²⁾	10	290



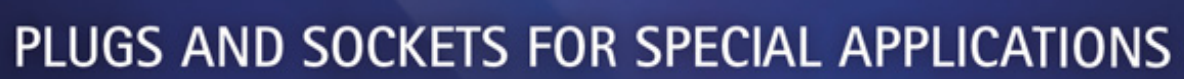
63	2		44 09 ¹⁾			10	235
63	3	44 01 ²⁾	44 00 ²⁾	44 02 ³⁾	44 58 ²⁾	10	270



63	2		45 08 ¹⁾			10	290
63	3	45 01 ²⁾	45 00 ²⁾	45 02 ³⁾	45 45 ²⁾	10	325



63	2		47 3 ¹⁾			10	260
63	3	47 1 ²⁾	47 0 ²⁾	47 2 ³⁾	47 4 ²⁾	10	260



PLUGS AND SOCKETS FOR SPECIAL APPLICATIONS

TK-Socket Outlet Combination Units, Phase Sequence Test Plugs, Socket Outlets with Auxiliary Contact, Socket Outlets with Electrical Interlocking, 7-Pole Plugs and Sockets, Plugs and Sockets for direct current, TH-Socket Outlets

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TK-Kombi-
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Test Plugs
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Socket Outlets with
Pilot Safety Contact
Interlocking
Page 204, 205



HKS-
Plugs and Sockets
Page 206, 207



Lockable Quick-Connect
Devices
Page 206, 207



TH-Socket Outlets
Page 208, 209



Direct Current Plugs and
Sockets
Page 210, 211



Preferred scopes



Construction Industry



Camping site



Industry



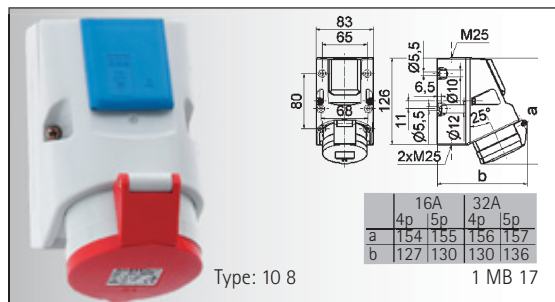
Building Services



Farming



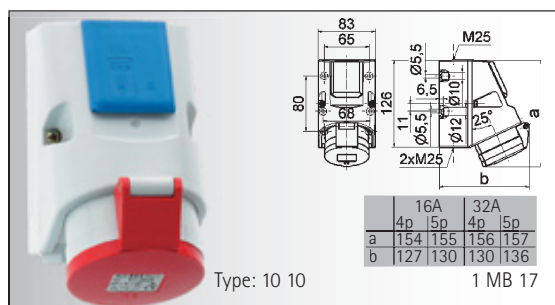
Harbour and Shipbuilding


TK-Socket Outlet Combination Unit

- with terminals, without wiring
- with incorporated socket outlet Schuko type 16A/230V ~
- protection degree IP 44

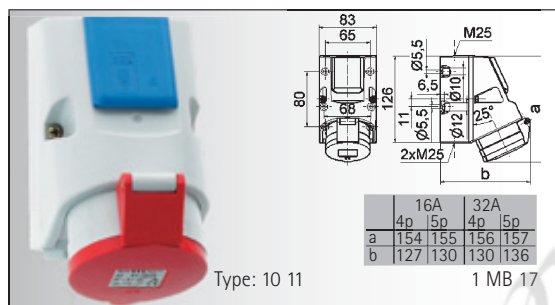
16	4	10 12		10	560
16	5		10 7	10	570
¹⁾ 32	5		10 8	10	600

¹⁾ Wiring by one cable only; please use fuse base reference 1862


TK-Socket Outlet Combination Unit

- with terminals, with wiring (ready wired for installation)
- with incorporated socket outlet Schuko type 16A/230V ~
- protection degree IP 44

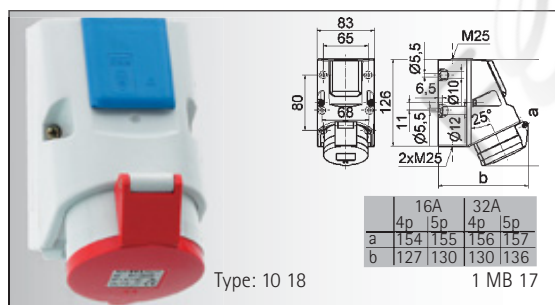
16	4	10 13		10	510
16	5		10 10	10	520


TK-Socket Outlet Combination Unit

- with terminals, with wiring (ready wired for installation)
- with fuse base 5 x 20 mm DIN 41671
- with incorporated socket outlet Schuko type 16A/230V ~
- protection degree IP 44

16	5		10 9	10	580
²⁾ 32	4	10 20		10	600
32	5		10 11	10	610

²⁾ 2 x fuse base


TK-socket outlet combination Unit

- Belgian/French system
- with terminals, with wiring (ready wired for installation)
- with fuse base 5 x 20 mm DIN 41671
- with incorporated socket outlet Schuko type 16A/230V ~
- protection degree IP 44

²⁾ 16	4	10 17		10	560
16	5		10 15	10	570
²⁾ 32	4	10 19		10	590
32	5		10 18	10	600

²⁾ 2 x fuse base


Accessories

wiring kit
L. N. PE

for 16 A 18 63
for 32 A 18 96

G-fuse base
5 x 20 mm DIN 41671

18 62

G-fuse

6,3 A 18 64
10 A 18 65
16 A 18 66

Poles		230V 50-60 Hz	400V 50-60Hz	500V 50-60Hz		
3P+E	3P+NN+E	4pol 5pol 9h 9h	4pol 5pol 6h 6h	4pol 5pol 7h 7h	Qty	9 each



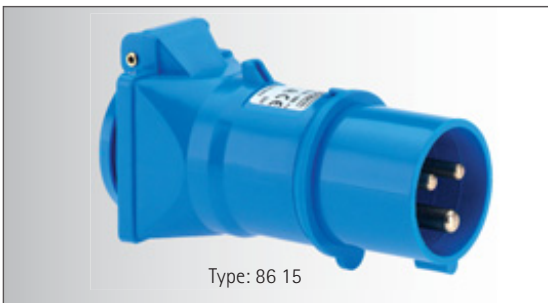
Phase Sequence Test Plug • nickel plated contacts	16	4	22 10	22 11	22 12	10	170
	16	5	22 13	22 14	22 15	10	195
	32	4	22 16	22 17	22 18	10	265
	32	5	22 19	22 20	22 21	10	290
	63	4	22 22	22 23	22 24	2	600
	63	5	22 25	22 26	22 27	2	650



Phase Sequence Test Plug „TRIPOL“ 400/ 230V • nickel plated contacts • with incorporated socket outlet Schuko type • built-in electronic for: a) rotary field indicator b) connection of testing equipment c) phase sequence indicator	16	5		22 34		2	265
	32	5		22 35		2	335
	63	5		22 36		2	640



Phase Sequence Test Plug • nickel plated contacts • without nose for polarisation • for all operating voltages between 230....600V	16	4		22 28		10	170
	16	5		22 29		10	195
	32	4		22 30		10	265
	32	5		22 31		10	290
	63	4		22 32		2	600
	63	5		22 33		2	650



Adapter-Plug		
CEE-Plug 16A/ 230V/ 3p to socket-outlet Schuko type 16A/ 230V ~		86 15
CEE-Plug 16A/ 230V/ 3p to socket-outlet Schuko type 16A/ 230V ~, Belgian/French system (CEE 7)		86 14
CEE-Plug 16A/ 230V/ 3p to socket-outlet Schuko type 16A/ 230V ~, Swiss System (Typ 13)		86 18
Further adapter systems on request.		


Surface Mounting Socket Outlet

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- cable entry one at the top (open), two at the bottom (closed)
- base of housing can rotate by 180°
- 4 internal fixing holes
- protection degree IP 44

drawing see page 22/5 (1 MB 2 - 5pol.)

16	7	11 480	11 481	10	400
----	---	--------	--------	----	-----

32	7	11 482	11 483	10	475
----	---	--------	--------	----	-----


Panel Mounting Socket Outlet

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- flange 75 x 75 mm
- protection degree IP 44

drawing see page 32/6 (4 MB 4 - 5pol.)

16	7	13 326	13 327	10	225
----	---	--------	--------	----	-----

32	7	13 328	13 329	10	320
----	---	--------	--------	----	-----

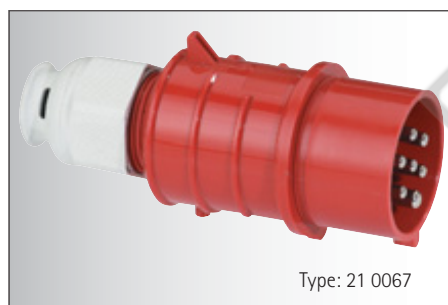

Panel Mounting Socket Outlet

- screw terminals
- angled 20°
- high temperature resistant contact carrier
- nickel plated contacts
- flange 100 x 92 mm
- protection degree IP 44

drawing see page 34/5 (4 MB 112 - 5pol.)

16	7	12 390	12 391	10	255
----	---	--------	--------	----	-----

32	7	12 392	12 393	10	315
----	---	--------	--------	----	-----


Plug TE with Multi-Grip

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 44

drawing see page 48/4 (2 MB 93 - 5pol.)

16	7	21 0550	21 557	10	275
----	---	---------	--------	----	-----

32	7	21 0636	21 0067	10	370
----	---	---------	---------	----	-----


Surface Mounting Appliance Inlet

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44

drawing see page 52/4 (5 MB 45 - 5pol.)

16	7	24 193	24 194	10	305
----	---	--------	--------	----	-----

32	7	24 195	24 196	10	390
----	---	--------	--------	----	-----



Type: 11 542

Surface Mounting Socket Outlet

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

drawing see page 30/1 (1 MB 8 - 5pol.)

16

7

11 634

11 542

1

530



Type: 11 714

Surface Mounting Socket Outlet

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

drawing see page 30/2 (1 MB 14 - 5pol.)

32

7

11 635

11 714

1

870



Type: 13 333

Panel Mounting Socket Outlet

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- flange 75 x 75 mm
- protection degree IP 67

drawing see page 38/ 4
(4 MB 5 - 5pol.)

16

7

13 330

13 331

10

260

32

7

13 332

13 333

10

340



Type: 12 397

Panel Mounting Socket Outlet

- screw terminals
- angled 20°
- high temperature resistant contact carrier
- nickel plated contacts
- flange 100 x 92 mm
- protection degree IP 67

drawing see page 40/5
(4 MB 115 - 5pol.)

16

7

12 394

12 395

10

280

32

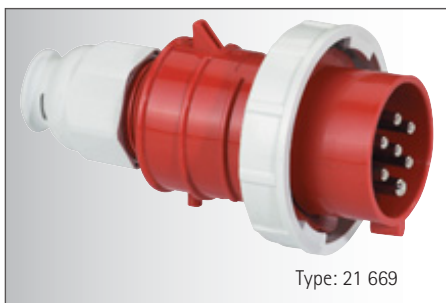
7

12 396

12 397

10

325



Type: 21 669

Plug TE with Multi-Grip

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

Accessories:
closure cap see page 244/4

drawing see page 50/2 (2 MB 94 - 5pol.)

16

7

21 711

21 667

10

265

32

7

21 712

21 669

10

405

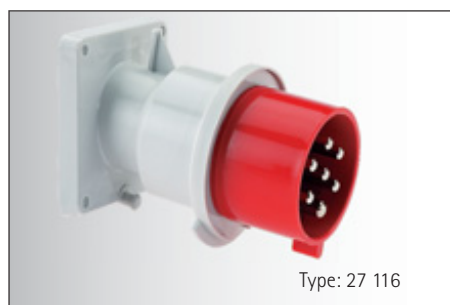

Panel Mounting Appliance Inlet

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44

16	7	26 012	26 013	10	200
----	---	--------	--------	----	-----

32	7	26 001	26 002	10	300
----	---	--------	--------	----	-----

drawing see page 58/1 (5 MB 24 - 5pol.)


Panel Mounting Appliance Inlet

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44

16	7	27 113	27 114	10	245
----	---	--------	--------	----	-----

32	7	27 115	27 116	10	320
----	---	--------	--------	----	-----

drawing see page 60/1 (5 MB 21 - 5pol.)

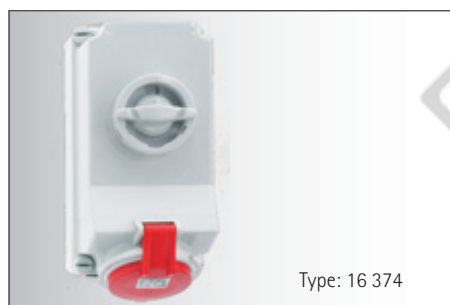

Connector TE with Multi-Grip

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 44

16	7	31 0311	31 752	10	275
----	---	---------	--------	----	-----

32	7	31 0381	31 0123	10	430
----	---	---------	---------	----	-----

drawing see page 70/3 (3 MB 62 - 5pol.)


Surface Mounting Socket Outlet

- high temperature resistant contact carrier
- nickel plated contacts
- switched
- in 0-position lockable
- protection degree IP 44

16	7	16 441	16 374	1	1140
----	---	--------	--------	---	------

drawing see page 94/2 (12 MB 24 - 5pol.)


Surface Mounting Socket Outlet

- high temperature resistant contact carrier
- nickel plated contacts
- switched
- with mechanical double interlocking
- in 0-position lockable
- protection degree IP 44

16	7	16 445	16 378	1	1170
----	---	--------	--------	---	------

32	7		16 0438	1	1400
----	---	--	---------	---	------

drawing see
Page 94/2 (12 MB 24 - 16A, 5pol.) for 16A, 7p
Page 94/4 (12 MB 30 - 63A, 5pol.) for 32A, 7p



Type: 26 006

Panel Mounting Appliance Inlet

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

Accessories:

closure cap see page 244/4

drawing see page 58/3 (5 MB 1 - 5pol.)

16

7

26 003

26 004

10

275

32

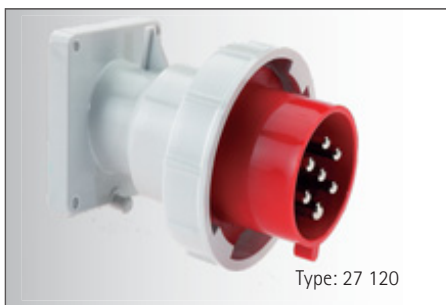
7

26 005

26 006

1

350



Type: 27 120

Panel Mounting Appliance Inlet

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

Accessories:

closure cap see page 244/4

drawing see page 60/3 (5 MB 22- 5pol.)

16

7

27 117

27 118

10

240

32

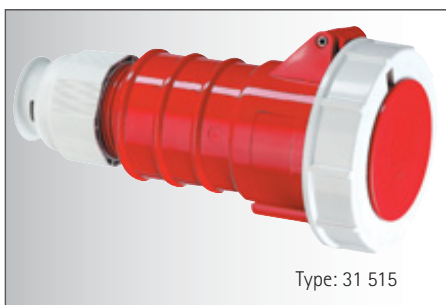
7

27 119

27 120

10

410



Type: 31 515

Connector TE with Multi-Grip

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- special gland, simultaneous cable gland and seal
- protection degree IP 67

drawing see page 72/2 (3 MB 63 - 5pol.)

16

7

31 512

31 513

10

310

32

7

31 514

31 515

10

480



Type: 16 376

Surface Mounting Socket Outlet

- high temperature resistant contact carrier
- nickel plated contacts
- switched
- in 0-position lockable
- protection degree IP 67

drawing see page 96/2 (12 MB 11 - 5pol.)

16

7

16 443

16 376

1

1170



Type: 16 380

Surface Mounting Socket Outlet

- high temperature resistant contact carrier
- nickel plated contacts
- switched
- with mechanical double interlocking
- in 0-position lockable
- protection degree IP 67

drawing see

Page 96/2 (12 MB 11 - 16A, 5pol.) for 16A, 7p

Page 96/4 (12 MB 10 - 63A, 5pol.) for 32A, 7p

16

7

16 447

16 380

1

1200

32

7

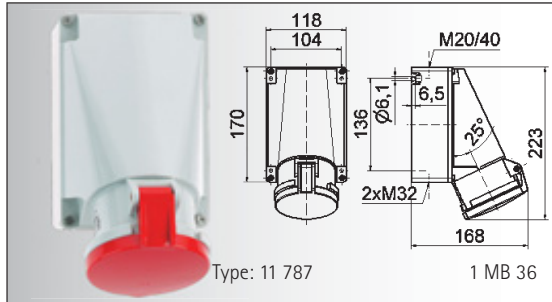
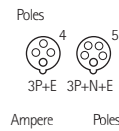
16 0087

1

1410

PLUGS AND SOCKETS

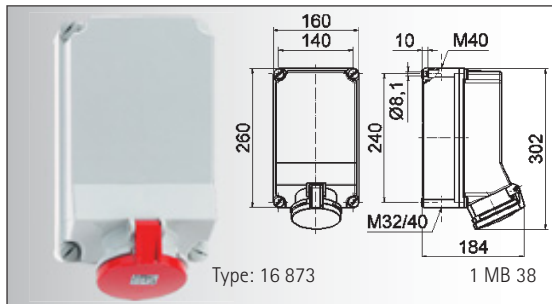
with electrical pilot safety contact interlocking
IEC 60309-1/2, EN 60309, VDE 0623, protection degree IP 44



Surface Mounting Socket Outlet

- with pilot safety contact interlocking and add. M 20 on top
- Kontex-Plus
- box terminal
- protection degree IP 44

63	4	11 785	11 786	5	1060
63	5	11 787		5	1140

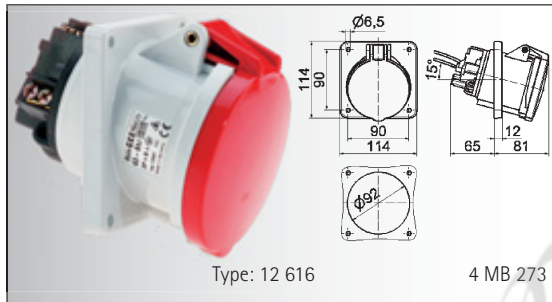


Surface Mounting Socket Outlet

- with electrical pilot safety contact interlocking and contactor Klöckner-Moeller DIL 2M
- Kontex-Plus
- box terminal
- protection degree IP 44

63	4	16 871	16 872	1	2760
63	5	16 873		1	2810

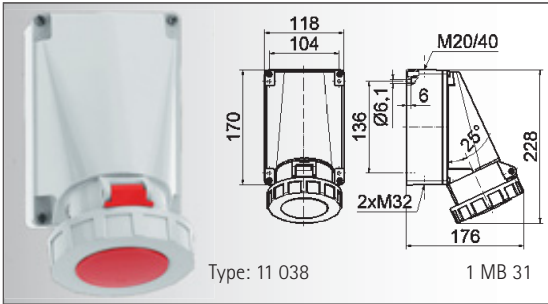
Other contactors on request.



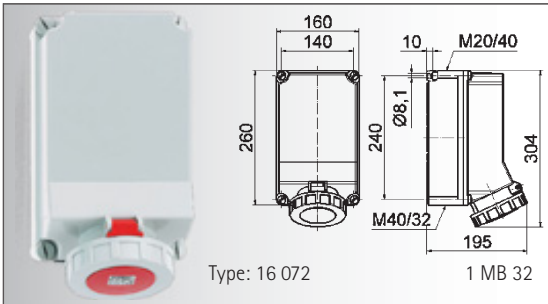
Panel Mounting Socket Outlet

- screw terminals
- angled 15°
- Flange 114 x 114 mm
- drilling hole distance: 90 x 90 mm
- with pilot safety contact interlocking
- Kontex-Plus
- box terminal
- protection degree IP 44

63	4	12 360	12 511	5	700
63	5	12 616		5	750

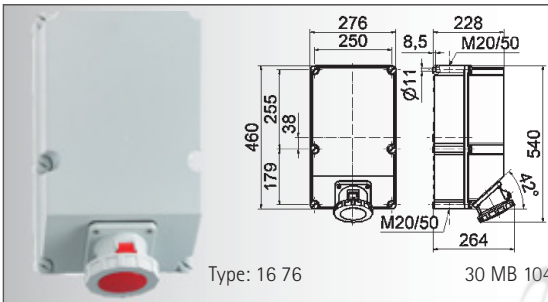


Surface Mounting Socket Outlet	63	4	11 052	11 052	5	1100
• with pilot safety contact interlocking and add. M 20 on top	63	5	11 038		5	1180
• Kontex-Plus						
• box terminal						
• protection degree IP 67						



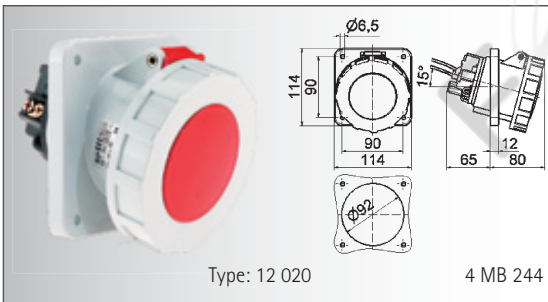
Surface Mounting Socket Outlet	63	4	16 070	16 071	1	2800
• with electrical pilot safety contact interlocking and contactor Klöckner-Moeller DIL 2M	63	5	16 072		1	2850
• Kontex-Plus						
• box terminal						
• protection degree IP 67						

Other contactors on request.

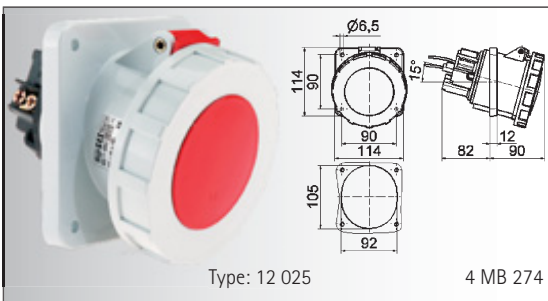


Surface Mounting Socket Outlet	125	4	16 74	16 75	1	8050
• with electrical pilot safety contact interlocking and contactor Klöckner-Moeller DIL 4M	125	5	16 76		1	8200
• Kontex-Plus						
• box terminal						
• protection degree IP 67						

Other contactors on request.



Panel Mounting Socket Outlet	63	4	12 052	12 053	5	760
• angled 15°	63	5	12 020		5	820
• flange 114 x 114 mm						
• drill hole distance 90 x 90 mm						
• with pilot safety contact interlocking						
• Kontex-Plus						
• box terminal						
• protection degree IP 67						



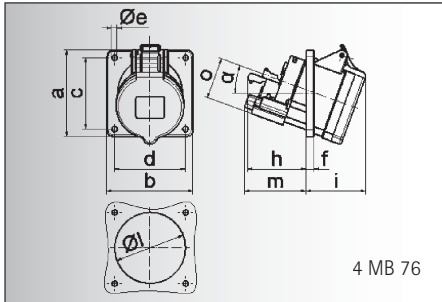
Panel Mounting Socket Outlet	125	4	12 139	12 054	5	1230
• angled 15°	125	5	12 025		5	1350
• flange 114 x 114 mm						
• drill hole distance 90 x 90 mm						
• with pilot safety contact interlocking						
• Kontex-Plus						
• box terminal						
• protection degree IP 67						

AUXILIARY CONTACT-PANEL MOUNTING SOCKET OUTLETS

for measuring, monitoring, signalling etc.

IEC 60309-1/2, EN 60309, VDE 0623, VDE 0620

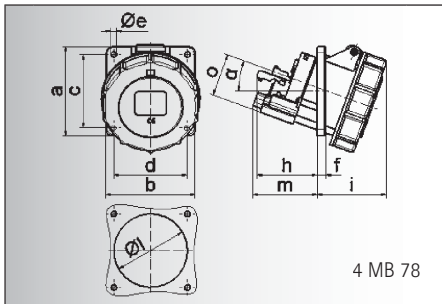
protection degree IP 44, IP 67



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

CEE-Panel Mounting Socket Outlet Quick-Connect TE

- screwless terminals
- angled
- normally open and normally closed contacts
- flange 85 x 85 mm
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 44



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e	5,5	5,5	5,5	5,5	5,5	5,5
f	8,0	8,0	8,0	8,0	8,0	8,0
h	46,0	46,0	46,0	61,0	61,0	61,0
i	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°

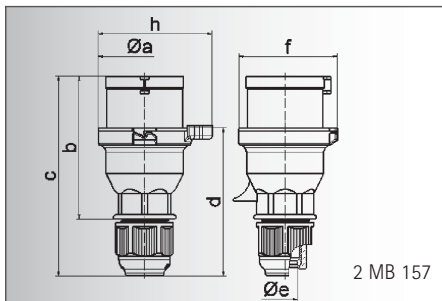
CEE-Panel Mounting Socket Outlet Quick-Connect TE

- screwless terminals
- angled
- normally open and normally closed contacts
- flange 85 x 85 mm
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

LOCKABLE QUICK-CONNECT DEVICES

IEC 60309-1/2, EN 60309, VDE 0623, VDE 0620

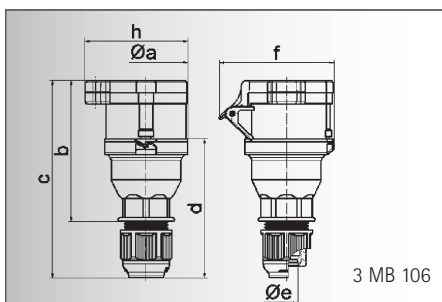
protection degree IP 44



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
e $\emptyset$	18,0	23,0
f	70,5	80,0
h	82,0	90,0
Cond. mm ² min	1	2,5
Cond. mm ² max	2,5	6

Plug Quick-Connect lockable

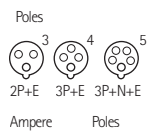
- screwless terminals
- lockable with corresponding connector
- threaded and self locking
- special gland, simultaneous cable gland and seal
- protection degree IP 44



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

Connector Quick-Connect lockable

- screwless terminals
- lockable with corresponding plug
- threaded and self locking
- Kontex-terminals
- special gland, simultaneous cable gland and seal
- protection degree IP 44



110V
50-60 Hz

230V
50-60 Hz

400V
50-60 Hz

500V
50-60 Hz



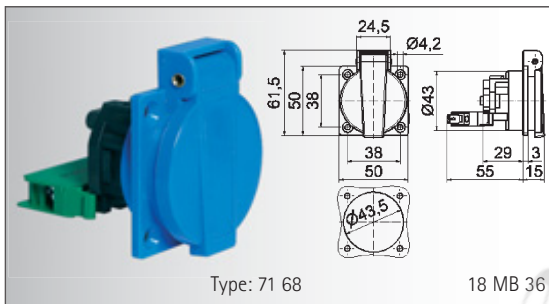
9
each



16	3	12 0583	12 0584			10	175
16	4			12 0585	12 0586	10	185
16	5			12 0587		10	195
32	3	12 0588	12 0589			10	265
32	4			12 0590	12 0591	10	275
32	5			12 0592		10	280



16	3	12 648	12 1317			10	185
16	4			12 649	12 653	10	215
16	5			12 650		10	235
32	3	12 651	12 646			10	280
32	4			12 555	12 652	10	290
32	5			12 596		10	330



Panel Mounting Socket Outlet Schuko Type

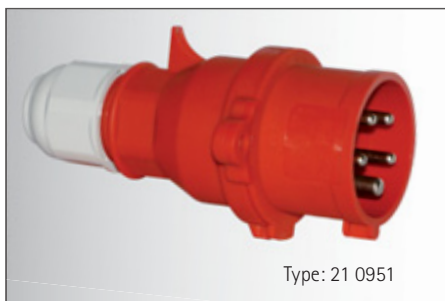
- with hinged lid
- protection degree IP 44

normally closed

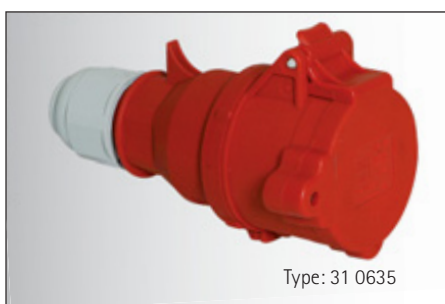
71 54 20 80

normally open

71 68 20 80



16	5				21 0950	10	180
32	5				21 0951	10	305



16	5				31 0634	10	145
32	5				31 0635	10	200

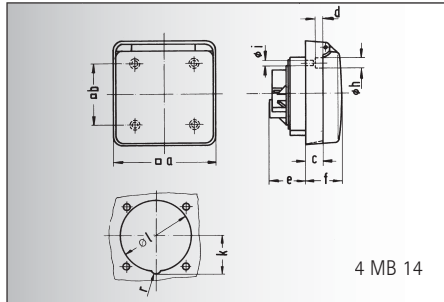
FONLEE
豐立自動控制器材有限公司
www.fonlee.com.tw

SOCKETS

panel mounting socket outlets, surface mounting socket outlets, flush mounted sockets

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

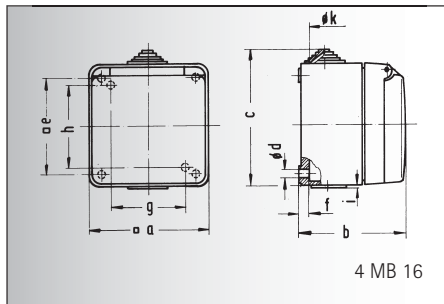
protection degree IP 44



Ampere	16	16	32
Poles	3	5	5
a [□]	91,0	91,0	90,0
b [□]	70,0	70,0	60,0
c	15,2	15,2	-
d ø	2,7	2,7	-
e	28,0	28,0	31,0
f	36,0	36,0	39,5
h ø	7,5	7,5	-
i ø	4,8	4,8	4,1
k	-	34,0	42,5
l	54,0	64,0	75,0
r	-	10,0	10,0

Panel Mounting Socket Outlet

- straight plug in direction suitable for cable trunkings and energy bollard
- 16A suitable for cable trunking socket with fixing measures 70 x 70 mm
- 32A suitable for cable trunking socket with fixing measures 60 x 60 mm
- protection degree IP 44
- suitable angled plug s.p. 51/5

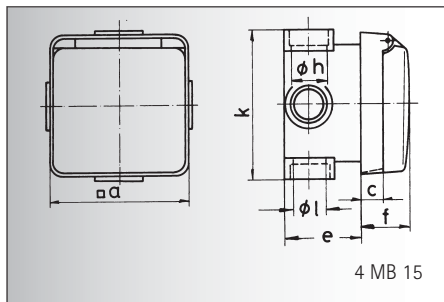


Ampere	16	16	32
Poles	3	5	5
a [□]	91,0	91,0	90,0
b	79,5	79,5	93,0
c	100,0	100,0	112,5
d ø	5,5	5,5	5,5
e [□]	73,0	73,0	-
f	7,0	7,0	6,0
g	-	-	58,0
h ø	-	-	73,0
i	-	-	1,5
k ø	20,0 max.	20,0 max.	8,0/ 20,0

panel mounting socket outlet

- straight plug-in direction
- cable entry one on top (open), one on bottom (closed)
- protection degree IP 44

suitable angled plug s.p. 51/5



Ampere	16	16	32
Poles	3	5	5
a [□]	91,0	91,0	91,0
c	15,2	15,2	29,0
e	50,0	50,0	63,0
f	30,0	30,0	47,0
h ø	18,5	18,5	22,5
k	91,0	91,0	109,0
l ø	18,5	18,5	18,5

Flush Mounted Sockets

- Flange 90 x 90 mm
- drill hole distance 53 x 53 mm
- protection degree IP 44

suitable angled plug s.p. 51/5

Poles		3		5		110V 50-60 Hz		230V 50-60 Hz		400V 50-60 Hz		500V 50-60 Hz		100-300Hz > 50V		301-500Hz > 50V				g	
Ampere	Poles	2P+E	3P+N+E	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											Qty	each



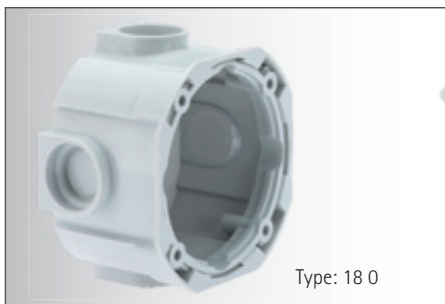
16	3	13 048	13 105	13 106						10	205
16	5		13 107	13 108						10	240
32	5			13 146						10	305



16	3	11 554	11 83	11 84						10	255
16	5		11 85	11 86	11 389					10	290
32	5			11 190						5	405



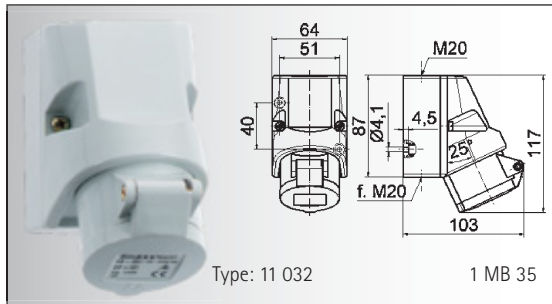
16	3		14 0	14 1						10	235
16	5		14 7	14 6						10	265
32	5			14 2						10	400



Flush Mounted Box
 • for a.m. panel mounting socket outlet
 • Cat. No. **18 0**

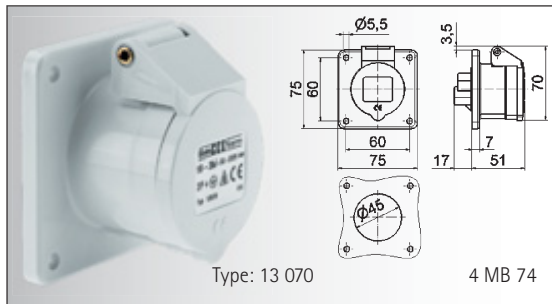


Equalising Ring
 • for a.m. panel mounting socket outlet
 • Cat. No. **18 1**


Surface Mounting Socket Outlet

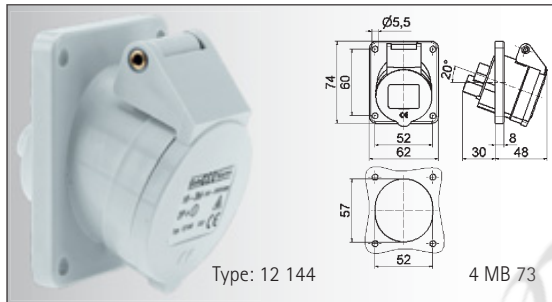
- screw terminals
- protection degree IP 44

16 3 11 032 10 210


Panel mounting socket outlet

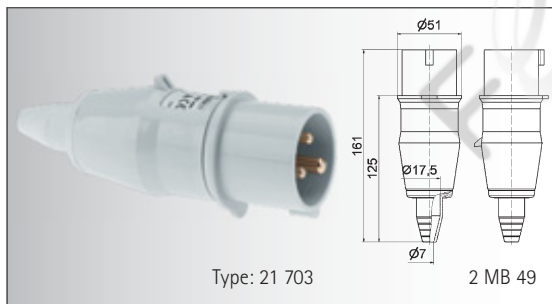
- screw terminals
- straight
- protection degree IP 44

16 3 13 070 10 140


Panel mounting socket outlet

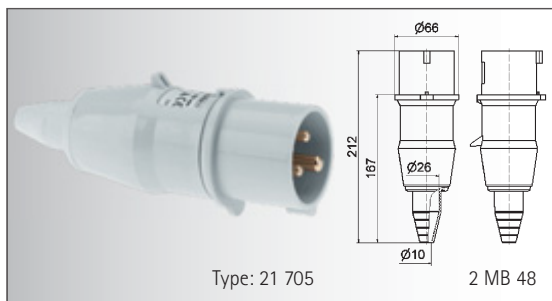
- screw terminals
- angled
- protection degree IP 44

16 3 12 144 10 130


Plug

- screw terminals
- with long cable sleeve
- protection degree IP 44

16 3 21 702 21 703 10 155


Plug

- screw terminals
- with long cable sleeve
- protection degree IP 44

32 3 21 704 21 705 10 245

Poles



> 50V
up to 250V
3h

> 250V
8h



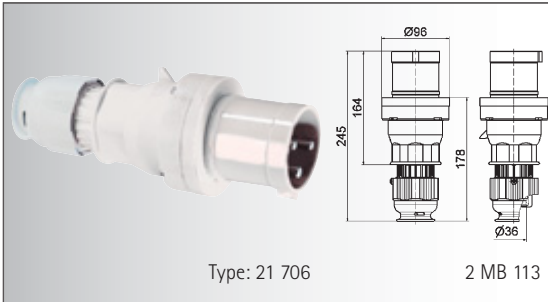
9
each

Ampere

Poles

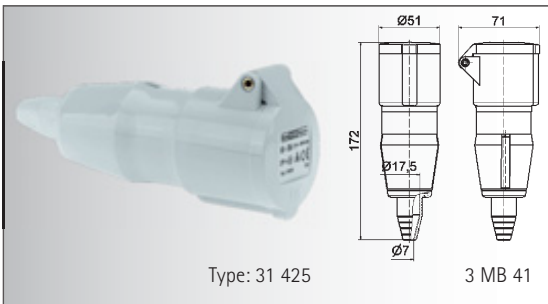
Qty

each



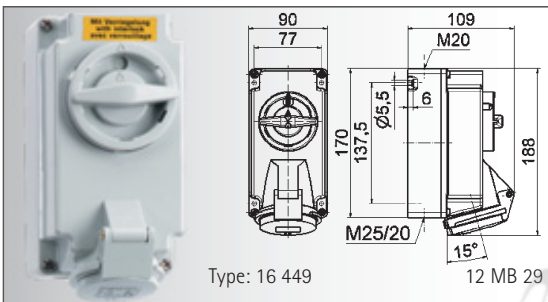
- Plug with Multi-Grip**
- screw terminals
 - special gland, simultaneous cable gland and seal
 - protection degree IP 44

63	3	21 706	10	610
----	---	--------	----	-----



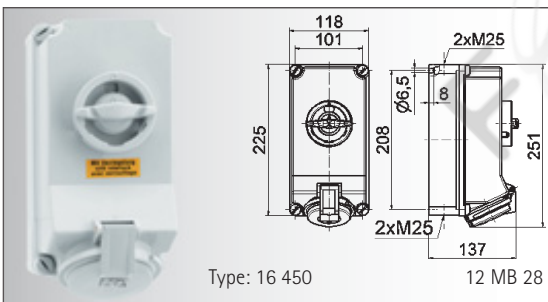
- Connector**
- screw terminals
 - with long cable sleeve
 - protection degree IP 44

16	3	31 425	10	180
----	---	--------	----	-----



- Surface Mounting Socket Outlet**
- screw terminals
 - switched
 - with mechanical double interlocking
 - in 0-position lockable
 - protection degree IP 44

16	3	16 449	1	640
----	---	--------	---	-----



- Surface Mounting Socket Outlet**
- screw terminals
 - switched
 - with mechanical double interlocking
 - in 0-position lockable
 - protection degree IP 44

32	3	16 450	1	1270
----	---	--------	---	------



PLUGS AND SOCKETS FOR MILITARY APPLICATIONS

PLUGS AND SOCKETS FOR MILITARY APPLICATIONS

Panel Mounting Socket Outlets, Plugs, Appliance Inlets, Connectors, Panel Mounting Socket Outlets Schuko Type, Plugs Schuko Type, Appliance Inlets Schuko Type, Connectors Schuko Types, Three-Way Connectors Schuko Type

Preferred scopes

Military applications

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CEE-Appliance Inlets
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CEE-Connectors
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Panel Mounting Socket Outlet
Schuko Type
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Plugs Schuko Type
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Appliance Inlets
Schuko Type
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Connectors
Schuko Type
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Three-Way Connectors
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Accessories
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Portable
Rubber-
Distribution
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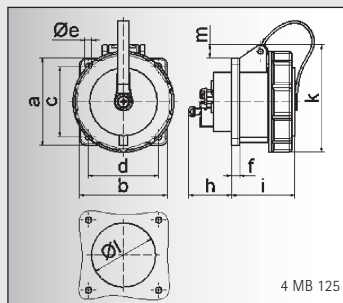


Operating Windows
Page 230



TN-PLUGS AND SOCKETS

Colour: bronze-green RAL 6031-F9
IEC 60309-1/2, EN 60309, VDE 0623, VG 96919
protection degree IP 67

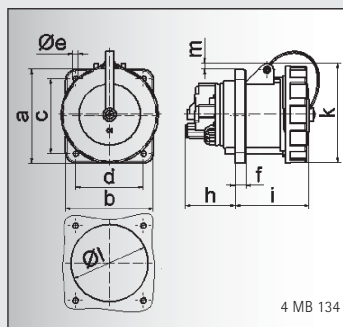


4 MB 125

AMPERE	16			32		
POLES	3	4	5	3	4	5
a	75,0	75,0	75,0	75,0	75,0	75,0
b	75,0	75,0	75,0	75,0	75,0	75,0
c	60,0	60,0	60,0	60,0	60,0	60,0
d	60,0	60,0	60,0	60,0	60,0	60,0
e Ø	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
l Ø	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 Quick-Connect

- screwless terminals
- straight
- Kontex-terminals
- high temperature resistant contact carrier
- nickel plated contacts
- flange 75 x 75 mm
- protection degree IP 67



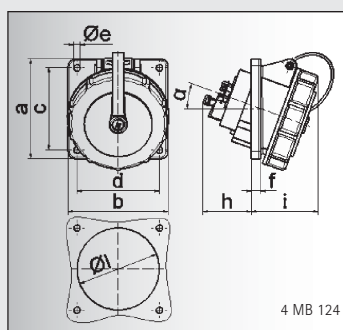
4 MB 134

AMPERE	63			125		
POLES	3	4	5	3	4	5
a	107,0	107,0	107,0	120,0	120,0	120,0
b	100,0	100,0	100,0	120,0	120,0	120,0
c	85,0	85,0	85,0	100,0	100,0	100,0
d	77,0	77,0	77,0	100,0	100,0	100,0
e Ø	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
l Ø	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

- screw terminals
- straight
- high temperature resistant contact carrier
- box terminal
- Kontex-Plus
- nickel plated contacts
- protection degree IP 67

(form AS)

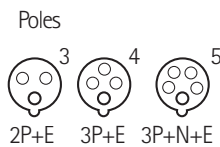


4 MB 124

AMPERE	16			32		
POLES	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e Ø	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	69,0
l Ø	57,0	65,0	70,0	78,0	78,0	78,0
α	20°	20°	20°	20°	20°	20°
Cond. mm² min.	1,5	1,5	1,5	2,5	2,5	2,5
Cond. mm² max.	4,0	4,0	4,0	10,0	10,0	10,0

Panel Mounting Socket Outlet Quick-Connect

- screwless terminals
- angled 20°
- Kontex-terminals
- high temperature resistant contact carrier
- nickel plated contacts
- flange 85 x 85 mm
- protection degree IP 67



230 V 50-60 Hz			400V 50-60 Hz			440V 60 Hz		301-500 Hz > 50V			g/ each
3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	4pol 11h	5pol 11h	3pol 2h	4pol 2h	5pol 2h	

 TYPE 13 066	16	3	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	13 064* 320-7272 AS 013				13 098 AS 039	170
	16	4	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	13 928 AS 020	13 633 AS 018	13 929 AS 021		13 930 AS 022	205
	16	5	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	13 189* AS 002	13 065* 300-5324 AS 001	13 182* AS 003		13 183* AS 004	220
	32	3	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	13 032 AS 042				13 932 AS 044	275
	32	4	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	13 933 AS 025	13 634 AS 023	13 166 AS 026		13 935 AS 027	290
	32	5	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	13 297* AS 006	13 066* 300-5323 AS 005	13 184* AS 007		13 175* 321-5242 AS 008	345

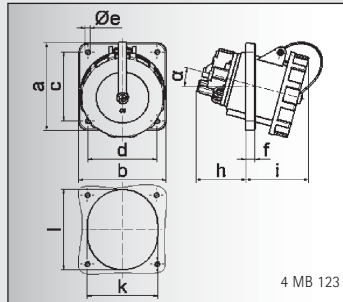
 TYPE 13 067	63	3	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	13 186 AS 047				13 927 AS 049	500
	63	4	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	13 924 AS 030	13 839 AS 028	13 925 AS 031		13 926 AS 032	580
	63	5	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	13 298* AS 010	13 067* 300-3603 AS 009	13 187* AS 011		13 188* 321-5243 AS 012	620
	125	3	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	13 840 AS 052				13 923 AS 054	930
	125	4	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	13 919 AS 035	13 841 AS 033	13 920 AS 036		13 921 AS 037	1090
	125	5	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	13 915 AS 015	13 647 AS 014	13 916 AS 016		13 918 AS 017	1210

 TYPE 12 087	16	3	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	12 085* 347-4131 BS 017				12 280 BS 039	185
	16	4	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	12 0025 BS 020	12 699 BS 018	12 0026 BS 021		12 0027 BS 022	215
	16	5	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	12 242* BS 002	12 086* BS 001	12 235* BS 003		12 236* BS 004	235
	32	3	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	12 169 BS 042				12 0029 BS 044	245
	32	4	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	12 0030 BS 025	12 700 BS 023	12 0031 BS 026		12 0032 BS 027	260
	32	5	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	12 340* BS 006	12 087* 306-7781 BS 005	12 237* BS 007		12 238* 311-1928 BS 008	300

* approval in according with to VG 96919

TN-PLUGS AND SOCKETS

Colour: bronze-green RAL 6031-F9
IEC 60309-1/2, EN 60309, VDE 0623, VG 96919
protection degree IP 67



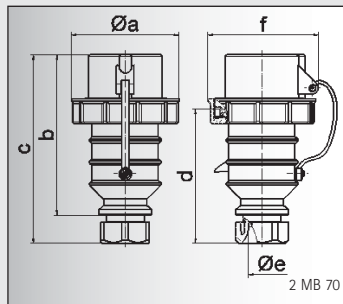
4 MB 123

AMPERE	63			125		
POLES	3	4	5	3	4	5
a	114,0	114,0	114,0	114,0	114,0	114,0
b	114,0	114,0	114,0	114,0	114,0	114,0
c	90,0	90,0	90,0	90,0	90,0	90,0
d	90,0	90,0	90,0	90,0	90,0	90,0
e ø	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
l	92,0	92,0	92,0	105,0	105,0	105,0
α	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

Panel Mounting Socket Outlet

- screw terminals
- angled
- flange 114x114 mm
- high temperature resistant contact carrier
- box terminal
- Kontex-Plus
- nickel plated contacts
- protection degree IP 67

(form BS)

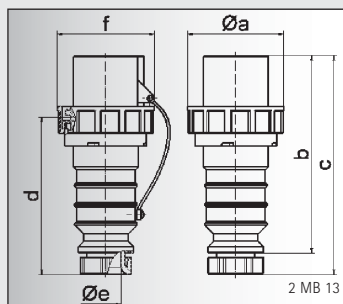


2 MB 70

AMPERE	16			32		
POLES	3	4	5	3	4	5
a ø	70,5	78,0	86,5	94,0	94,0	101,5
b	120,0	120,0	122,0	152,0	152,0	153,0
c	148,0	148,0	150,0	177,0	177,0	178,0
d	106,5	106,5	109,0	126,0	126,0	127,0
e ø	16,0	16,0	16,0	22,5	22,5	22,5
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 Quick-Connect

- screwless terminals
- high temperature resistant contact carrier
- nickel plated contacts
- with closure cap
- protection degree IP 67



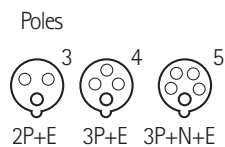
2 MB 13

AMPERE	63			125		
POLES	3	4	5	3	4	5
a ø	113,5	113,5	113,5	126,0	126,0	126,0
b	226,0	226,0	226,0	263,0	263,0	263,0
c	260,0	260,0	260,0	298,0	298,0	298,0
d	189,0	189,0	189,0	218,0	218,0	218,0
e ø	36,5	36,5	36,5	50,0	50,0	50,0
f	115,0	115,0	115,0	126,0	126,0	126,0
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

Plug

- screw terminals
- high temperature resistant contact carrier
- box terminal
- nickel plated contacts
- with closure cap
- protection degree IP 67

(form CP)



230 V 50-60 Hz			400V 50-60 Hz			440V 60 Hz		301-500 Hz > 50V			g/ each
3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	4pol 11h	5pol 11h	3pol 2h	4pol 2h	5pol 2h	

Ampere

Poles



63	3	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	12 239 BS 047				12 0034	610
63	4	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	12 0035 BS 030	12 953 BS 028	12 0036 BS 031		12 0037 BS 032	680
63	5	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	12 341* BS 010	12 088* 347-4133 BS 009	12 240* BS 011		12 241* BS 012	730
125	3	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	12 954 BS 052				12 0039 BS 054	1070
125	4	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	12 0041 BS 035	12 955 BS 033	12 0042 BS 036		12 0043 BS 037	1230
125	5	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	12 342* BS 014	12 191* 347-4132 BS 013	12 343* BS 015		12 264* 347-3942 BS 016	1350



16	3	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	21 220* 312-5515 CP 017				210 403 CP 039	215
16	4	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	210 404 CP 020	210 077 CP 018	210 405 CP 021		210 406 CP 022	250
16	5	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	21 423* CP 002	21 208* 300-3599 CP 001	21 424* CP 003		21 425* CP 004	290
32	3	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	21 221 CP 042				210 408 CP 044	365
32	4	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	210 409 CP 025	210 078 CP 023	210 410 CP 026		210 411 CP 027	400
32	5	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	21 426* CP 006	21 209* 300-3596 CP 005	21 427* 348-5139 CP 007		21 380* 312-4197 CP 008	455

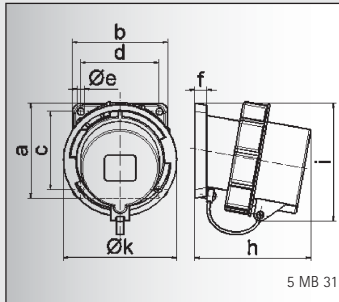


63	3	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	210 256 CP 047				210 413 CP 049	820
63	4	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	210 414 CP 030	210 263 CP 028	210 415 CP 031		210 417 CP 032	890
63	5	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	21 428* CP 010	21 210* 300-5325 CP 009	21 429* CP 011		21 430* CP 012	945
125	3	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	210 264 CP 052				210 419 CP 054	1390
125	4	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	210 421 CP 035	210 265 CP 033	210 422 CP 036		210 423 CP 037	1410
125	5	Cat. No. Supply No. 5935-12-... VG-Type No. VG 96919...	21 431* CP 014	21 033* 327-8595 CP 013	21 432* CP 015		21 433* CP 016	1535

* approval in according with VG 96919

TN-PLUGS AND SOCKETS

Colour: bronze-green RAL 6031-F9
IEC 60309-1/2, EN 60309, VDE 0623, VG 96919
protection degree IP 67

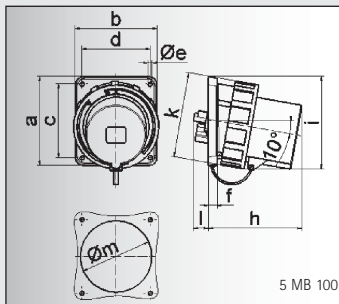


AMPERE	16			32		
POLES	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e ø	6,3	6,3	6,3	6,3	6,3	6,3
f	11,0	11,0	11,0	11,0	11,0	11,0
h	94,0	94,0	94,0	105,0	105,0	105,0
i	94,0	97,0	101,0	103,0	103,0	107,0
k	70,5	78,5	86,5	94,0	94,0	101,5
Cond. mm ² min.	1,0	1,0	1,0	2,5	2,5	2,5
Cond. mm ² max.	2,5	2,5	2,5	6,0	6,0	6,0

Appliance Inlet with Flange

- screw terminals
- flange 85x85 mm
- high temperature resistant contact carrier
- nickel plated contacts
- with closure cap
- protection degree IP 67

(form BP)

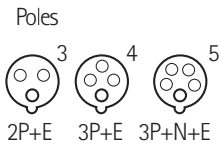


AMPERE	63			125		
POLES	3	4	5	3	4	5
a	107,0	107,0	107,0	130,0	130,0	130,0
b	100,0	100,0	100,0	120,0	120,0	120,0
c	85,0	85,0	85,0	108,0	108,0	108,0
d	77,0	77,0	77,0	100,0	100,0	100,0
e ø	6,5	6,5	6,5	6,5	6,5	6,5
f	12,0	12,0	12,0	13,0	13,0	13,0
h	142,0	142,0	142,0	134,0	134,0	134,0
i	124,0	124,0	124,0	138,0	138,0	138,0
k	113,5	113,5	113,5	126,0	126,0	126,0
l	---	---	---	23,0	23,0	23,0
m ø	---	---	---	105,0	105,0	105,0
Cond. mm ² min.	6,0	6,0	6,0	16,0	16,0	16,0
Cond. mm ² max.	16,0	16,0	16,0	50,0	50,0	50,0

Appliance Inlet with Flange

- screw terminals
- high temperature resistant contact carrier
- box terminal
- nickel plated contacts
- with closure cap
- protection degree IP 67

(form BP)



230 V 50-60 Hz			400V 50-60 Hz			440V 60 Hz		301-500 Hz > 50V			g/ each
3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	4pol 11h	5pol 11h	3pol 2h	4pol 2h	5pol 2h	

Ampere

Poles



TYPE 27 03

Ampere	Poles	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	27 046*	319-7028	BP 013	27 286	BP 039	200
16	3	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	27 287	27 204	27 288	27 289	BP 022	230
16	4	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	27 104*	27 02*	27 105*	27 106*	BP 004	250
16	5	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	27 45	300-3598	BP 001	BP 003	BP 004	315
32	3	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	27 292	27 201	27 293	27 294	BP 027	335
32	4	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	27 107*	27 03*	27 108*	27 043*	312-4195	380
32	5	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	BP 006	188-9997	BP 005	BP 007	BP 008	



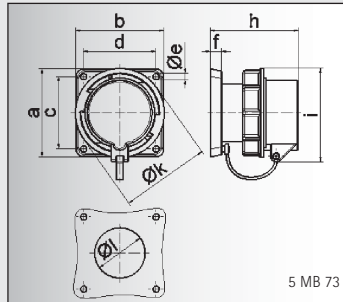
TYPE 27 04

Ampere	Poles	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	27 267	27 268	27 297	27 295	BP 049	790
63	3	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	27 296	27 268	27 297	27 298	BP 032	810
63	4	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	27 109*	27 04*	27 110*	27 045*	BP 012	840
63	5	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	BP 010	BP 009	BP 011	BP 012	BP 012	1180
125	3	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	27 269	27 270	27 301	27 302	BP 037	1310
125	4	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	27 300	27 102	27 304	27 305	BP 017	1430
125	5	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	BP 015	BP 014	BP 016	BP 017	BP 017	

* approval in according with VG 96919

TN-PLUGS AND SOCKETS

Colour: bronze-green RAL 6031-F9
IEC 60309-1/2, EN 60309, VDE 0623
protection degree IP 67

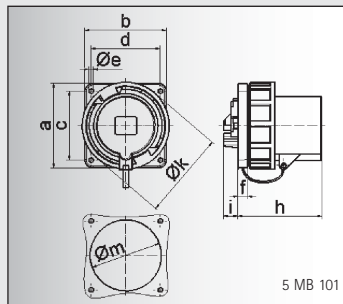


5 MB 73

AMPERE	16			32		
POLES	3	4	5	3	4	5
a	85,0	85,0	85,0	85,0	85,0	85,0
b	85,0	85,0	85,0	85,0	85,0	85,0
c	70,0	70,0	70,0	70,0	70,0	70,0
d	70,0	70,0	70,0	70,0	70,0	70,0
e ø	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	96,5	104,0
k ø	70,5	78,5	86,5	94,0	94,0	101,5
l ø	49,0	49,0	49,0	49,0	49,0	49,0
Cond. mm ² min.	1,0	1,0	1,0	2,5	2,5	2,5
Cond. mm ² max.	2,5	2,5	2,5	6,0	6,0	6,0

Appliance Inlet with Flange, straight

- screw terminals
- high temperature resistant contact carrier
- nickel plated contacts
- with closure cap
- protection degree IP 67

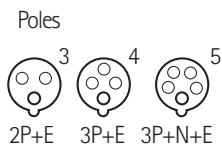


5 MB 101

AMPERE	63			125		
POLES	3	4	5	3	4	5
a	110,0	110,0	110,0	120,0	120,0	120,0
b	106,0	106,0	106,0	120,0	120,0	120,0
c	90,0	90,0	90,0	100,0	100,0	100,0
d	90,0	90,0	90,0	100,0	100,0	100,0
e ø	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
k ø	113,5	113,5	113,5	126,0	126,0	126,0
m ø	93,0	93,0	93,0	104,0	104,0	104,0
Cond. mm ² min.	6,0	6,0	6,0	16,0	16,0	16,0
Cond. mm ² max.	16,0	16,0	16,0	50,0	50,0	50,0

Appliance Inlet with Flange, straight

- screw terminals
- high temperature resistant contact carrier
- box terminal
- nickel plated contacts
- with closure cap
- protection degree IP 67



230 V 50-60 Hz			400V 50-60 Hz			440V 60 Hz		301-500 Hz > 50V			g/ each
3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	4pol 11h	5pol 11h	3pol 2h	4pol 2h	5pol 2h	

Ampere

Poles



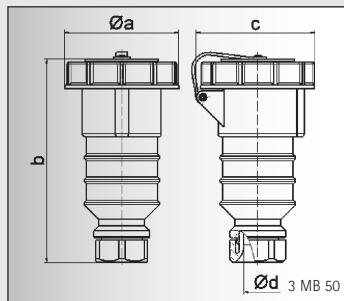
Ampere	Poles	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	230 V 50-60 Hz	400V 50-60 Hz	440V 60 Hz	301-500 Hz > 50V	g/ each
16	3	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	28 92				200
16	4	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...		28 93			230
16	5	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...		28 94			250
32	3	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	28 95				315
32	4	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...		28 96			335
32	5	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...		28 97			385



Ampere	Poles	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	230 V 50-60 Hz	400V 50-60 Hz	440V 60 Hz	301-500 Hz > 50V	g/ each
63	3	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	28 042				585
63	4	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...		28 000			605
63	5	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...		28 53			625
125	3	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	28 043				960
125	4	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...		28 044			1110
125	5	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...		28 045			1230

TN-PLUGS AND SOCKETS

Colour: bronze-green RAL 6031-F9
IEC 60309-1/2, EN 60309, VDE 0623, VG 96919
protection degree IP 67

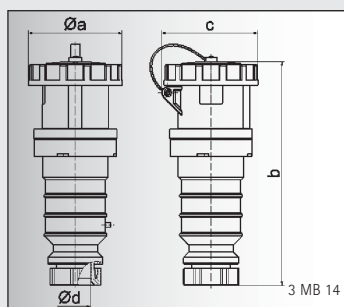


AMPERE	16			32		
POLES	3	4	5	3	4	5
a Ø	70,5	78,0	86,5	94,0	94,0	101,5
b	156,0	156,0	160,0	188,0	188,0	188,0
c	77,0	83,0	93,0	98,0	98,0	107,0
d Ø	16,0	16,0	16,0	22,5	22,5	22,5
Cond. mm² min.	1,0	1,0	1,0	2,5	2,5	2,5
Cond. mm² max.	2,5	2,5	2,5	6,0	6,0	6,0

Connector Quick-Connect

- screwless terminals
- Kontex-terminals
- high temperature resistant contact carrier
- nickel plated contacts
- protection degree IP 67

(form DS)

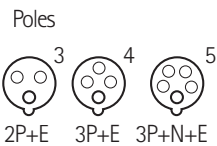


AMPERE	63			125		
POLES	3	4	5	3	4	5
a Ø	110,0	110,0	110,0	126,0	126,0	126,0
b	272,0	272,0	272,0	308,0	308,0	308,0
c	113,0	113,0	113,0	130,0	130,0	130,0
d Ø	36,5	36,5	36,5	50,0	50,0	50,0
Cond. mm² min.	6,0	6,0	6,0	16,0	16,0	16,0
Cond. mm² max.	16,0	16,0	16,0	50,0	50,0	50,0

Connector

- screw terminals
- high temperature resistant contact carrier
- box terminal
- Kontex-Plus
- nickel plated contacts
- protection degree IP 67

(form DS)



230 V 50-60 Hz			400V 50-60 Hz			440V 60 Hz		301-500 Hz > 50V			g/ each
3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	4pol 11h	5pol 11h	3pol 2h	4pol 2h	5pol 2h	

Ampere

Poles



TYPE 31 151

Ampere	Poles	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	31 162*	312-5516	DS 017	310 163	215
16	3	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	310 165	31 865	310 167	310 168	225
16	4	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	31 318*	31 150*	31 319*	31 320*	280
16	5	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	DS 002	300-3600	DS 003	DS 004	360
32	3	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	31 032	DS 042		310 194	380
32	4	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	310 169	31 866	310 171	310 172	430
32	5	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	31 321*	31 151*	31 322*	31 323*	
					DS 006	300-3597	DS 005	DS 007	DS 008



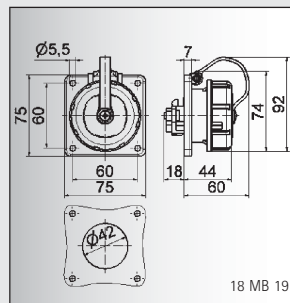
TYPE 31 152

Ampere	Poles	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	310 058	DS 047	310 177	795
63	3	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	310 174	31 877	310 175	310 176
63	4	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	31 324*	31 152*	31 325*	31 326*
63	5	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	DS 010	300-5326	DS 011	DS 012
125	3	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	310 059	DS 052		310 179
125	4	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	310 180	310 060	310 182	310 183
125	5	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...	31 327*	31 027*	31 328*	31 329*
					DS 014	322-8597	DS 013	DS 015
						DS 016		

* approval in according with VG 96919

TN PLUGS AND SOCKETS, SCHUKO TYPE

Colour: bronze-green RAL 6031-F9, protection degree IP 68
VDE 0620, VG 96926



Panel Mounting Socket Outlet Schuko type

- 16 A/250 V~
- protection degree IP 68

German system

Cat. No. 71 08*

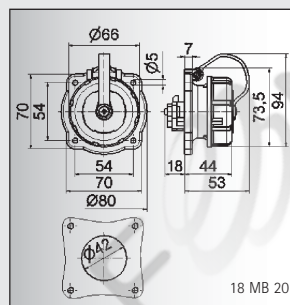
Supply No. 312-5115

VG-Type No. AS 001

Belgian/French system

71 85

(form AS)



Panel Mounting Socket Outlet Schuko type

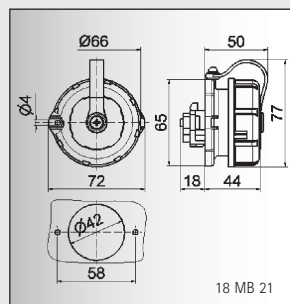
- 16 A/250 V~
- protection degree IP 68

German system

Cat. No. 71 14

Belgian/French system

71 031



Panel Mounting Socket Outlet Schuko type

- 16 A/250 V~
- protection degree IP 68

German system

Cat. No. 71 15*

Supply No. 314-4770

VG-Type No. BS 001

Belgian/French system

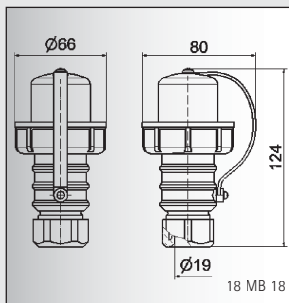
71 86

(form BS)

* approval according to VG 96926

PLUGS AND SOCKETS, SCHUKO TYPE

Colour: bronze-green RAL 6031-F9, protection degree IP 68
VDE 0620, VG 96926



Plug Schuko type

- 16 A/250 V~
- with closure cap
- protection degree IP 68

(form CP)

Cat. No.

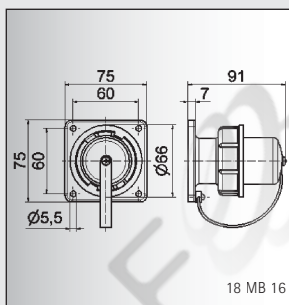
73 5*

Supply No.
5935-12-...

141-3149

VG-Type No.
VG 96926...

CP 001



Appliance Inlet with Flange Schuko type

- 16 A/250 V~
- with closure cap
- protection degree IP 68

(form AP)

Cat. No.

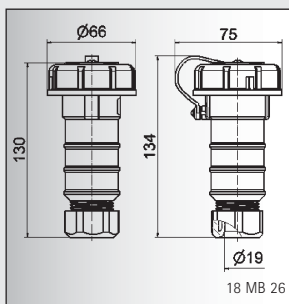
75 3*

Supply No.
5935-12-...

340-7272

VG-Type No.
VG 96926...

AP 001



Connector Schuko type

- 16 A/250 V~
- with closure cap
- protection degree IP 68

German system

Belgian/French system

(form DS)

Cat. No.

74 5*

Supply No.
5935-12-...

314-4771

VG-Type No.
VG 96926...

DS 001

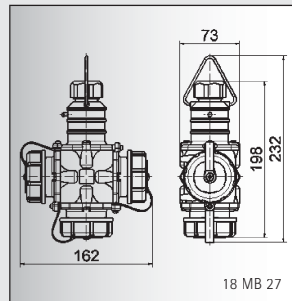
74 24

* approval according to VG 96926

THREE-WAY CONNECTOR SCHUKO TYPE, CLOSURE CAP, CLOSURE CAP FOR CEE AND SCHUKO DEVICES

Colour: bronze-green RAL 6031-F9, protection degree IP 68
VDE 0620, VG 96926

Cat. No.



Three-way connector schuko type

- 16 A/250 V~
- with closure cap, suspension clip, cable gland
- protection degree IP 68

German system

74 00

Belgian/French system

74 23



Closure Cap

- for plug schuko type (Form H)

Cat. No.

83 20*

Supply No.

5935-12-...

VG-Type No.

VG 96926...

H-16



Closure Cap

- for connector schuko type (Form G)

Cat. No.

83 19*

Supply No.

5935-12-...

VG-Type No.

VG 96926...

G-16



Closure Cap with Plastic String

- for CEE-plug
- protection degree IP 67

16 A	3p
16 A	4p
16 A	5p
32 A	3p, 4p
32 A	5p
63 A	3p, 4p, 5p
125 A	3p, 4p, 5p

Cat. No.

83 35

Supply No.

5935-12-...

VG-Type No.

VG 96919...

83 36

83 37

83 38

83 39

83 40

83 41

* approval according to VG 96926

TN-ACCESSORIES CLOSURE CAP

Colour: bronze-green RAL 6031-F9
IEC 60309-1/2, EN 60309, VDE 0623, VG 96919
protection degree IP 67



Closure Cap with Plastic String

- for CEE-connectors
- for CEE-panel mounting socket outlets

Ampere	Poles	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...
16 A	3p	83 28		
16 A	4p	83 29		
16 A	5p	83 30		
32 A	3p, 4p	83 31		
32 A	5p	83 32		
63 A	3p, 4p, 5p	83 33		
125 A	3p, 4p, 5p	83 34		

83 30



Closure Cap

- for CEE-Plug
- protection degree IP 67

(form G)

Ampere	Poles	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...
16 A	3p	83 18*		G-16-3
16 A	4p	83 26		G-16-4
16 A	5p	83 14*		G-16-5
32 A	3p, 4p	83 27		G-32-4
32 A	5p	83 15*	304-8143	G-32-5
63 A	3p, 4p, 5p	83 16*		G-63-5
125 A	3p, 4p, 5p	83 17*		G-125-5

83 26



Closure Cap

- for CEE-connectors

(form F)

Ampere	Poles	Cat. No.	Supply No. 5935-12-...	VG-Type No. VG 96919...
16 A	3p	83 13*		F-16-3
16 A	4p	83 24		F-16-4
16 A	5p	83 09*		F-16-5
32 A	3p, 4p	83 25		F-32-4
32 A	5p	83 10*		F-32-5
63 A	3p, 4p, 5p	83 11*		F-63-5
125 A	3p, 4p, 5p	83 12*		F-125-5

83 09

* approval in according with VG 96919

RUBBER DISTRIBUTION

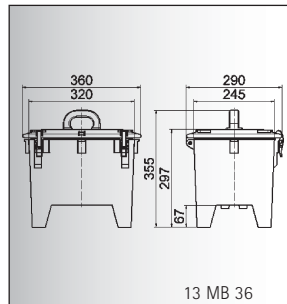
stackable with impact resistant handle and hinged housing cover dimensions 320 x 245 mm
 material of housing: high grade rubber (black), ready wired for installation
 all sockets outlet and plugs in VG-quality, colour bronze-green, RAL 6031-F9



Housing 320 x 245 mm

protection degree IP 54 (DIN EN 60 529, VDE 0470T1)
 earth terminal externally guided
 2 CEE-Socket Outlets 16A 400V 5p (VG 96919 AS 001)
 3 socket-outlets schuko type 16A 230V ~ (VG 96926 AS 001)
 2 MCB D charact. 16A 3p
 2 MCB C charact. 16A 1p
 1 RCD 40/0,03A 4p
 1 m cable H07RN-F5G6 (VG 95218-13-A004)
 1 CEE-Plug 32A 400V 5p (VG 96919 CP 005)

RCD and MCB can be operated through an operating window equipped with milled screws
Cat. No.: 522 966



6 CEE-Socket Outlet 32A 400V 4p IP 67
 6 MCB C charac. 32A 3p

2 m cable H07RN-F4G10
 1 CEE-Plug 63A 400V 4p IP 67

fuse protection below hinged cover

Cat. No.: 522 965



1 CEE socket outlet 32A 400V 4p IP 67
 3 CEE-Socket Outlet 16A 400V 5p IP 67
 3 MCB B charac.16A 3p

1 CEE-Plug 32A 400V 5p IP 67
 fuse protection below hinged cover

Cat. No.: 522 433



1 CEE socket outlet 32A 400V 5p IP 67
 1 CEE socket outlet 32A 400V 4p IP 67
 2 CEE-Socket Outlet 16A 230V 3p IP 67
 2 socket-outlet schuko type 16A 230V ~ IP 67 (Belg.-/French System)
 1 socket-outlet Schuko type 16A 230V ~ IP 67
 1 MCB C charac. 25A 4p
 2 MCB C charac.16A 2p

1 CEE-appliance inlet 32A 400V 5p IP 67

fuse protection below hinged cover

Cat. No.: 522 468



2 CEE-Socket Outlet 32A 400V 5p IP 67
 1 CEE socket outlet 32A 400V 4p IP 67
 2 MCB B charac. 32A 4p
 1 MCB B charac. 32A 3p

1 CEE-appliance inlet 63A 400V 5p IP 67

fuse protection below hinged cover

Cat. No.: 522 639

RUBBER DISTRIBUTION

stackable with impact resistant handle and hinged housing cover dimensions 320 x 245 mm
material of housing: high grade rubber (black), ready wired for installation
all sockets outlet and plugs in VG-quality, colour bronze-green, RAL 6031-F9



- 3 CEE-Socket Outlet 32A 400V 5p IP 67
- 2 CEE-Socket Outlet 32A 400V 4p IP 67
- 1 CEE socket outlet 32A 230V 3p IP 67
- 1 CEE-appliance inlet 32A 400V 5p IP 67

fuse protection below hinged cover

Cat. No.: 522 640



- 1 CEE socket outlet 32A 400V 5p IP 67
- 1 CEE socket outlet 32A 400V 4p IP 67
- 1 CEE socket outlet 16A 400V 5p IP 67
- 1 CEE socket outlet 16A 400V 4p IP 67
- 3 CEE-Socket Outlet 16A 230V 3p IP 67
- 2 socket-outlet schuko type 16A 230V~ IP 67 (belg./FrenchSystem)
- 1 MCB C charac. 25A 4p (Vorsicherung)
- 1 MCB C charac. 16A 4p
- 3 MCB B charac. 16A 2p
- 2 m kabel H07RN-F5G4
- 1 CEE-Plug 32A 400V 5p IP 67

fuse protection below hinged cover

Cat. No.: 522 762



- 1 CEE socket outlet 16A 230V 3p IP 67
- 7 socket-outlet schuko type 16A 230V~ IP 67
- 3 MCB C charac.16A 2p
- 2 m kabel H07RN-F5G4
- 1 CEE-Plug 32A 400V 5p IP 67

fuse protection below hinged cover

Cat. No.: 522 787



- 1 CEE socket outlet 32A 400V 5p IP 67
- 1 CEE socket outlet 32A 400V 4p IP 67
- 1 CEE socket outlet 32A 230V 3p IP 67
- 1 CEE socket outlet 16A 400V 5p IP 67
- 1 CEE socket outlet 16A 400V 4p IP 67
- 1 CEE socket outlet 16A 230V 3p IP 67
- 1 socket-outlet Schuko type 16A 230V~ IP 67 (Belgian/French system)
- 1 socket-outlet Schuko type 16A 230V~ IP 67
- 1 MCB B charac. 32A 2p
- 1 MCB B charac. 16A 4p
- 1 MCB B charac. 16A 3p
- 2 MCB B charac. 16A 2p
- 1 CEE-appliance inlet 32A 400V 5p IP 67

fuse protection below hinged cover

Cat. No.: 522 845



- 1 CEE socket outlet 32A 400V 5p IP 67
- 1 CEE socket outlet 32A 400V 4p IP 67
- 1 CEE socket outlet 32A 230V 3p IP 67
- 1 CEE socket outlet 16A 400V 5p IP 67
- 1 CEE socket outlet 16A 400V 4p IP 67
- 1 CEE socket outlet 16A 230V 3p IP 67
- 1 socket-outlet Schuko type 16A 230V ~ IP 67
- 2 MCB C charac.16A 3p
- 2 MCB C charac.16A 1p
- 1 CEE-appliance inlet 32A 400V 5p IP 67

fuse protection below hinged cover

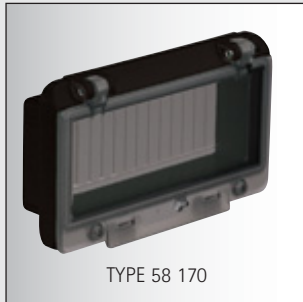
Cat. No.: 522 991

OPERATING WINDOWS

colour: black, bronze-green RAL 6031-F9 on request

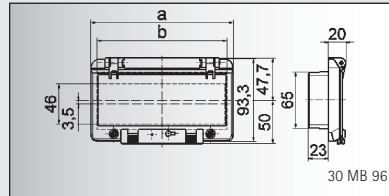
operating window, self closing, transparent IP44, with milled screws, IP67, lockable and/or lead-sealable, made of high grade impact resistant plastic

module device	measurement		Cat. No.
	a	b	



Operating Window

- self closing
- with protection frame
- optional with locking kit

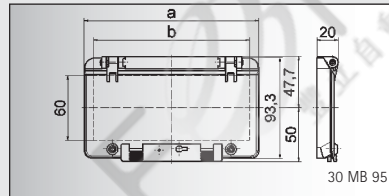


2	55,0	40,5	580 138
4	91,0	76,5	58 388
6	127,0	112,5	58 590
8	162,0	147,5	58 110
12	234,0	220,0	58 111
13	257,5	248,5	58 387



Operating Window

- self closing
- without protection frame
- optional with locking kit

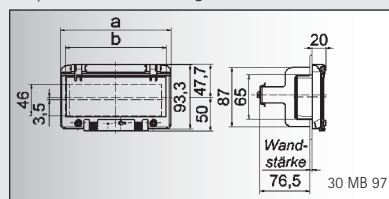


2	55,0	37,0	58 511
4	91,0	73,0	580 020
6	127,0	109,0	58 503
8	162,0	144,5	58 502
12	234,0	217,0	58 602
13	257,5	240,0	58 607



Operating Window

- self closing
- with protection frame and fixing facility
- optional with locking kit



2	55,0	40,5	580 137
4	91,0	76,5	58 517
6	127,0	112,5	580 141
8	162,0	147,5	580 143
12	234,0	220,0	580 144
13	257,5	248,5	580 145



Locking kit

- protection against unauthorised use by retrofit lock

58 037



DIN-Screw

- for additional interlocking
- mountable afterwards

58 036

FONLEE
豐立自動控制器材有限公司
www.fonlee.com.tw



EMPTY BOXES

Plastic
Distribution Boxes
Page 234, 235



Rubber
Distribution Boxes
Page 236 - 238



Distribution Units
Page 239



Uni-Block-Hanging
Distribution Boxes
Page 239



Uni-Block-
Distribution Units
Page 239



Rubber Distributions
Portable
Page 239



Preferred scopes



Construction Industry



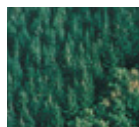
Camping site



Industry



Building Services

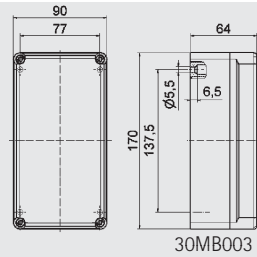
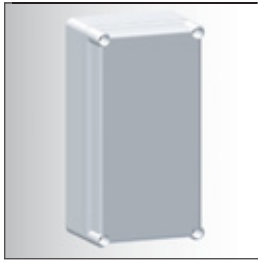


Farming



Harbour and Shipbuilding

referenceY

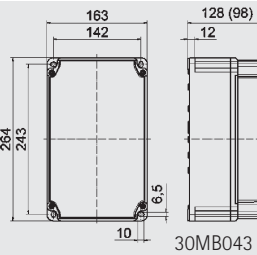


Distribution Box

- made of high grade impact resistant plastic
- stainless steel fixing screws

reference

61 00



Distribution Box

- made of high grade impact resistant plastic
- stainless steel fixing screws

flat design

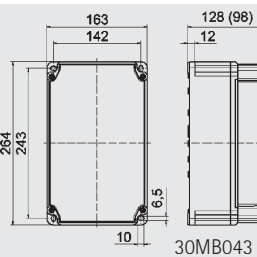
high design

Metric cable entry on request.

reference

61 0

61 1



Distribution Box

- made of high grade impact resistant plastic
- with transparent cover, DIN rail, fuse cover, PE- and N-terminal
- 12 modules
- stainless steel fixing screws

flat design

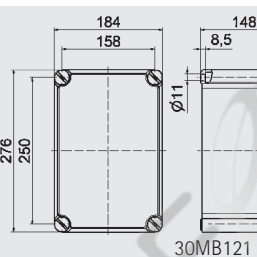
high design

Metric cable entry on request.

reference

61 2

61 3



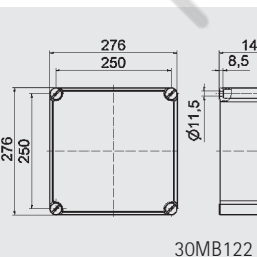
Distribution Box

- made of high grade impact resistant plastic
- plastic fixing screws

Metric cable entry on request.

reference

61 133



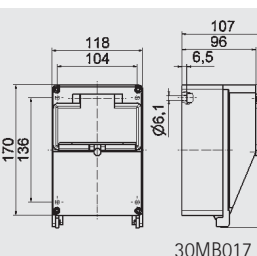
Distribution Box

- made of high grade impact resistant plastic
- plastic fixing screws

Metric cable entry on request.

reference

61 134



Distribution Box

- made of high grade impact resistant plastic
- 5 modules
- stainless steel fixing screws

empty with transparent operating window

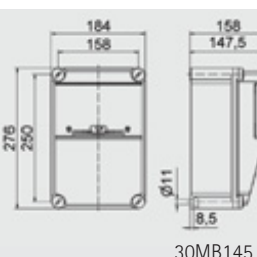
with DIN rail, earth and neutral terminal and transparent operating window

Metric cable entry on request.

reference

61 01

61 02



Distribution Box

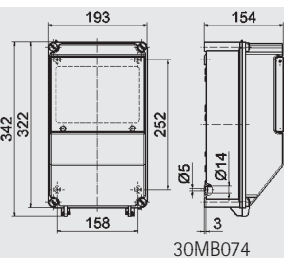
- made of high grade impact resistant plastic
- with transparent operating window
- 9 modules
- plastic fixing screws
- DIN rail

Metric cable entry on request.

reference

61 402

reference



Distribution Box

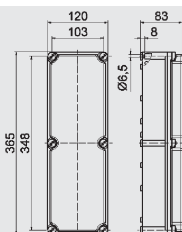
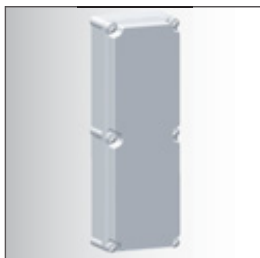
- made of high grade impact resistant plastic
- with transparent operating window
- 2 x 6 modules
- plastic fixing screws

Metric cable entry on request.

30MB074

reference

61 47



Distribution Box

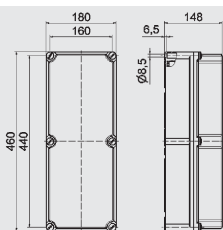
- made of high grade impact resistant plastic
- plastic fixing screws

Metric cable entry on request.

30MB073

reference

61 51



Distribution Box

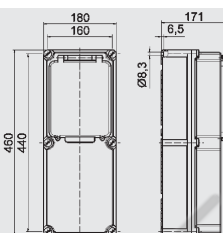
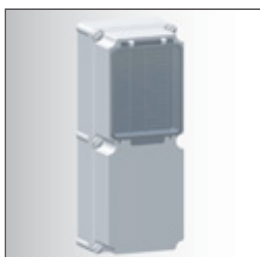
- made of high grade impact resistant plastic
- plastic fixing screws

Metric cable entry on request.

30MB045

reference

61 28



Distribution Box

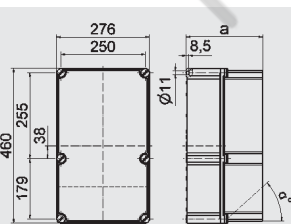
- made of high grade impact resistant plastic
- with transparent operating window and cover for fusing
- 16 modules
- plastic fixing screws

Metric cable entry on request.

30MB044

reference

61 29



Distribution Box

- made of high grade impact resistant plastic
- plastic fixing screws
- mounting plate

- mounting plate
- Metric cable entry on request.

30MB098

reference

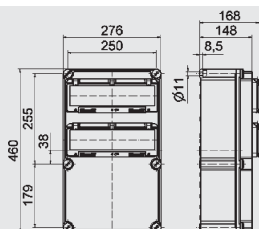
61 71

61 70

61 73

61 72

58 040



Distribution Box

- made of high grade impact resistant plastic
- plastic fixing screws
- 2 operating window for je 13 modules and DIN rail

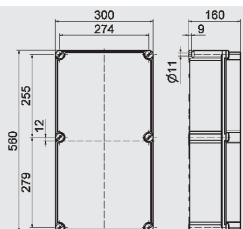
- mounting plate
- Metric cable entry on request.

30MB137

reference

61 101

58 040



Distribution Box

- made of high grade impact resistant plastic
- plastic fixing screws

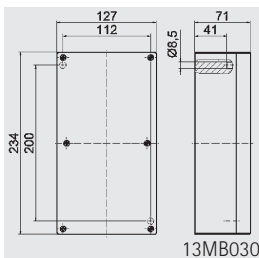
Metric cable entry on request.

30MB169

reference

61 421

reference



13MB030

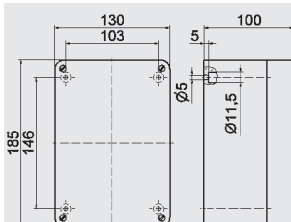
Distribution Box

- rubber

Metric cable entry on request.

reference

65 67



13MB070

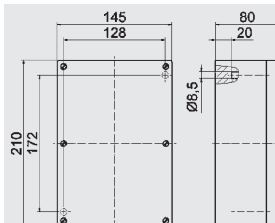
Distribution Box

- rubber

Metric cable entry on request.

reference

65 110



13MB082

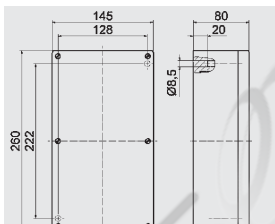
Distribution Box

- rubber

Metric cable entry on request.

reference

65 146



13MB083

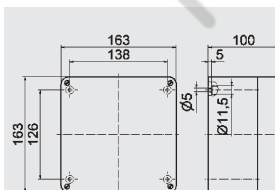
Distribution Box

- rubber

Metric cable entry on request.

reference

65 147



13MB069

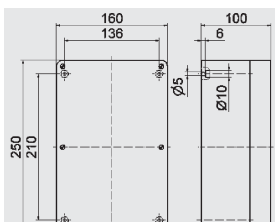
Distribution Box

- rubber

Metric cable entry on request.

reference

65 111



13MB071

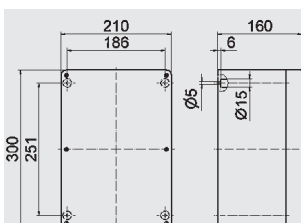
Distribution Box

- rubber

Metric cable entry on request.

reference

65 112



13MB068

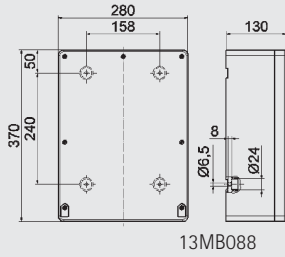
Distribution Box

- rubber

Metric cable entry on request.

reference

65 113



Distribution Box

- rubber

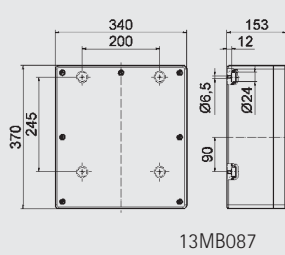
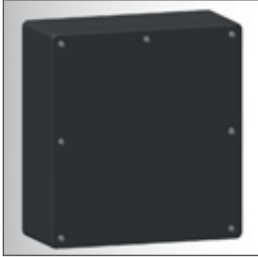
Metric cable entry on request.

13MB088

reference

reference

65 145



Distribution Box

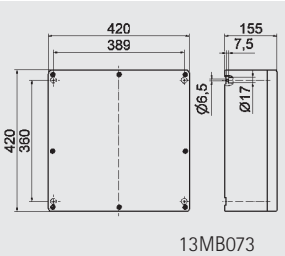
- rubber

Metric cable entry on request.

13MB087

reference

65 148



Distribution Box

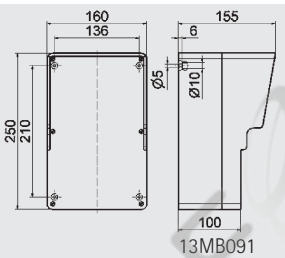
- rubber

Metric cable entry on request.

13MB073

reference

65 123



Distribution Box

- rubber
- with protection shield for operating window

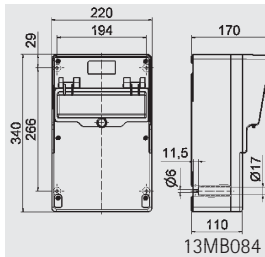
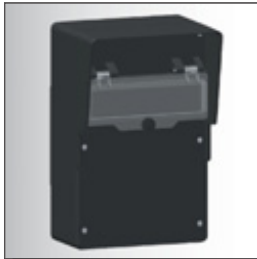
Metric cable entry on request.

13MB091

reference

65 149

reference



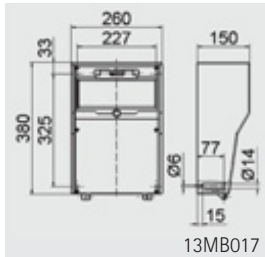
Distribution box

- rubber
- 10 modules
- empty with transparent operating window

Metric cable entry on request.

reference

65 143



Distribution box

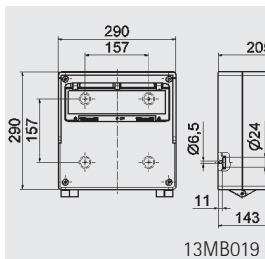
- rubber
 - without operating window
 - empty with transparent operating window
 - 12 modules
 - empty with transparent operating window
 - 12 modules
 - with DIN rail, PE- and N-terminal
- Metric cable entry on request.

reference

65 43

65 24

65 39



Distribution box

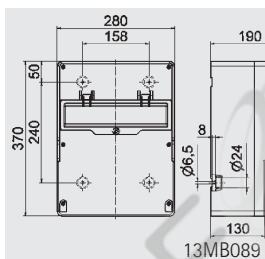
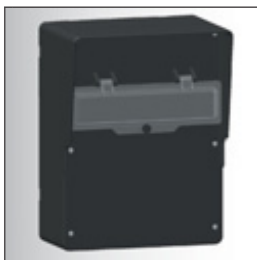
- rubber
 - without Operating window
 - empty with transparent operating window
 - 12 modules
 - empty with transparent operating window
 - 12 modules
 - with DIN rail, PE- and N-terminal
- Metric cable entry on request.

reference

65 66

65 40

65 41



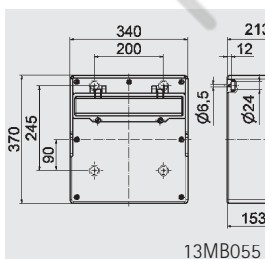
Distribution box

- rubber
- empty with transparent operating window
- 13 modules

Metric cable entry on request.

reference

65 144



Distribution box

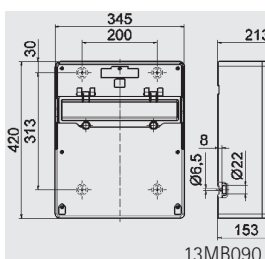
- rubber
- empty with transparent operating window
- 17 modules
- empty with transparent operating window
- 17 modules
- with DIN rail, PE- and N-terminal

Metric cable entry on request.

reference

65 92

65 015



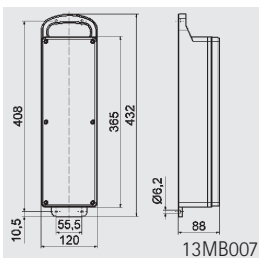
Distribution box

- rubber
- empty with transparent operating window
- 17 modules

Metric cable entry on request.

reference

65 017



Block distribution box

- rubber

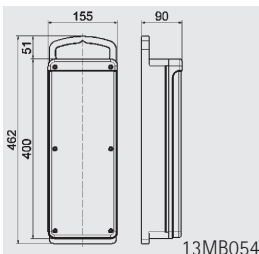
Metric cable entry on request.

13MB007

reference

reference

64 1



Block distribution box

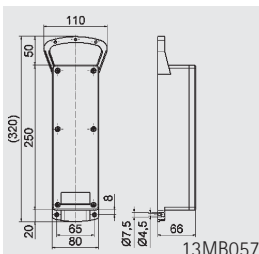
- rubber

Metric cable entry on request.

13MB054

reference

64 08



Block distribution box

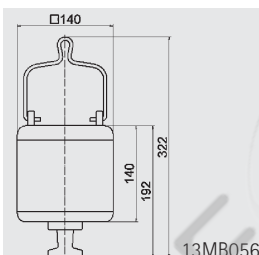
- rubber

Metric cable entry on request.

13MB057

reference

64 09



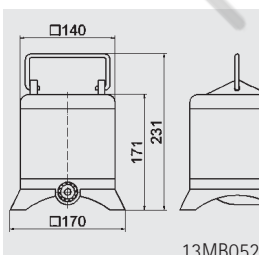
Distribution box

- rubber
- with connection box terminal (5p)
- with suspension clip
- with rubber handle

13MB056

reference

67 0



Distribution box

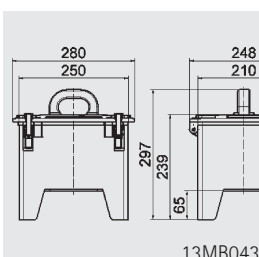
- rubber
- with connection box terminal (5p)
- with handle
- with base

Metric cable entry on request.

13MB052

reference

67 3



Distribution box

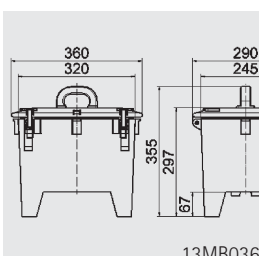
- rubber
- with hinged lid, snap fit and cover for twin plate for fuses

Metric cable entry on request.

13MB043

reference

65 83



Distribution box

- rubber
- with hinged lid, snap fit and cover for twin plate for fuses

Metric cable entry on request.

13MB036

reference

65 77



ACCESSORIES

Quality
assured

Preferred scopes



Construction Industry



Camping site



Industry



Building Services



Farming



Harbour and Shipbuilding

Operating Windows
Page 242



Wall Sockets/ Equalising
Rings/ Intermediate
Flange
Page 243



Mounting Frames
Page 243



Terminals
Page 244



Wiring Kits
Page 244



Suspension Eyes
Page 244



Closure Caps
Page 244



External Cable
Glands
Page 244



Seal Kits for
Housings
Page 245



Adapter Bases
Page 245

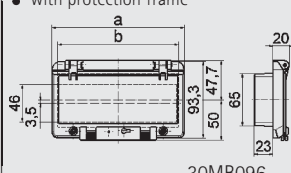
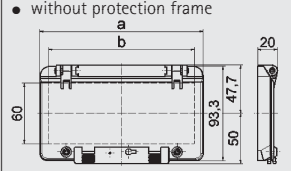
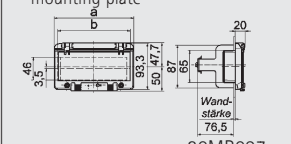


Assembly Brackets
Page 245



ACCESSORIES

operating window, self closing, transparent IP44, with milled screws, IP67, lockable and/or sealable, made of high grade impact resistant plastic

		module device	measurement a	measurement b	reference
	Operating Window • self closing • with protection frame  30MB096	module device	measurement a	measurement b	reference
		2	55,0	40,5	58 81
		4	91,0	76,5	58 90
		6	127,0	112,5	58 99
		8	162,0	147,5	58 009
		12	234,0	220,0	58 018
		13	257,5	248,5	58 027
	Operating Window • self closing • without protection frame  30MB095	module device	measurement a	measurement b	reference
		2	55,0	37,0	58 82
		4	91,0	73,0	58 91
		6	127,0	109,0	58 001
		8	162,0	144,5	58 010
		12	234,0	217,0	58 019
		13	257,5	240,0	58 028
	Operating Window • self closing • with protection frame and mounting plate  30MB097	module device	measurement a	measurement b	reference
		2	55,0	40,5	58 85
		4	91,0	76,5	58 94
		6	127,0	112,5	58 004
		8	162,0	147,5	58 013
		12	234,0	220,0	58 022
		13	257,5	248,5	58 031
	Locking kit • protection against unwarranted use by retrofittable lock				reference
					58 037
	DIN Screw • for add. locking				reference
					58 036

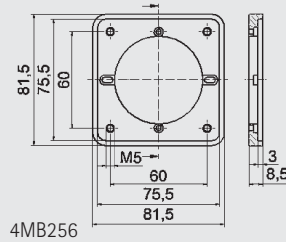
ACCESSORIES

intermediate flange, flush mounted sockets, mounting flange,
flush mounted box, equalising ring, mounting frame



Intermediate Flange

- for panel mounting socket outlets 16A and 32A (straight)
- with Flange 75 x 75 mm
- drill hole distance 60 x 60 mm

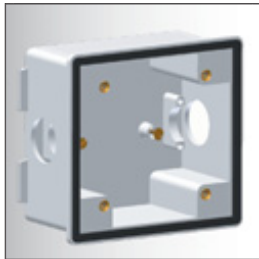


4MB256

reference

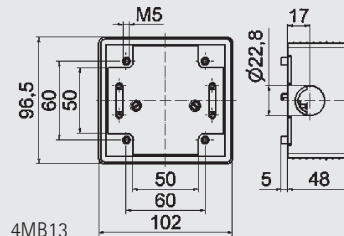
reference

18 2



Flush Mounted Socket

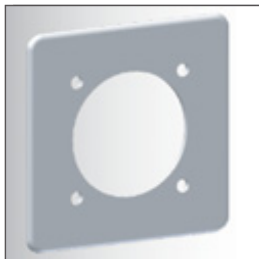
- for panel mounting socket outlets
- with drill hole distance 60 x 60 mm
- without terminals



4MB13

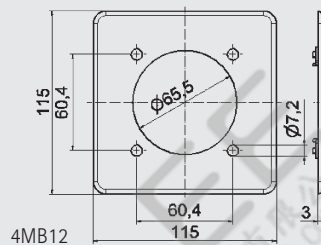
reference

18 3



Mounting Flange

- for flush mounted socket typ 18 3



4MB12

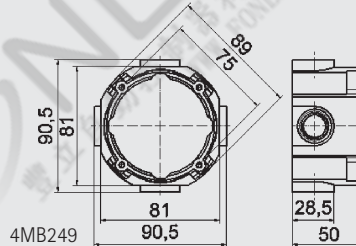
reference

18 5



Flush Mounted Box

- for panel mounting socket outlets



4MB249

reference

18 0



Equalising Ring

- for panel mounting sockets

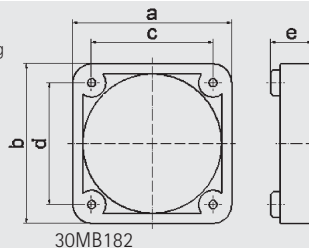
reference

18 1



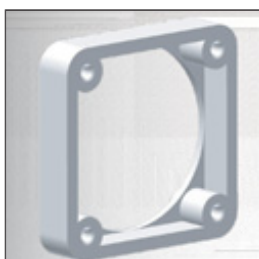
Mounting Frame

- for fixing panel mounting socket outlets



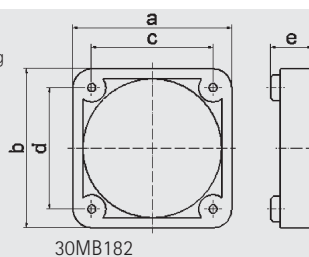
30MB182

a	b	c	d	e	reference
50	50	38	38	13	18 43
54	54	44	44	10	18 47
57	66	47	47	10	18 48
60	60	50	50	10	18 49
62	62	52	52	10	18 50
62	70	52	60	10	18 51



Mounting Frame

- for fixing panel mounting socket outlets and appliance inlets

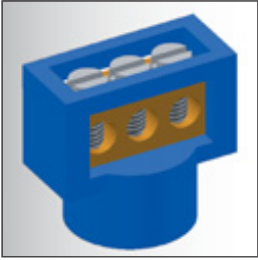


30MB182

a	b	c	d	e	reference
70	70	60	60	12	18 7
71	80	52	70	10	18 52
80	80	70	70	13	18 9
87	95	77	85	12	18 8
100	110	90	90	10	18 54

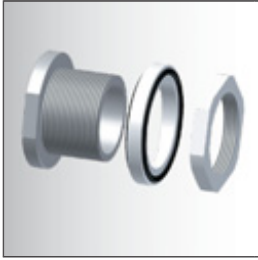
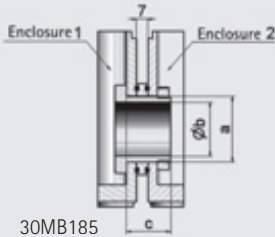
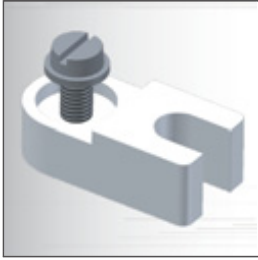
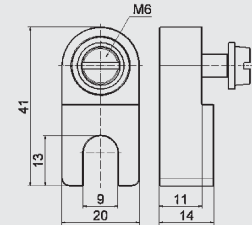
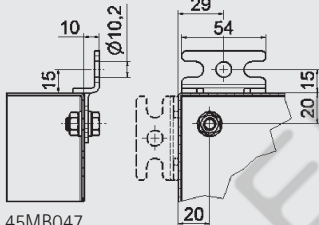
ACCESSORIES

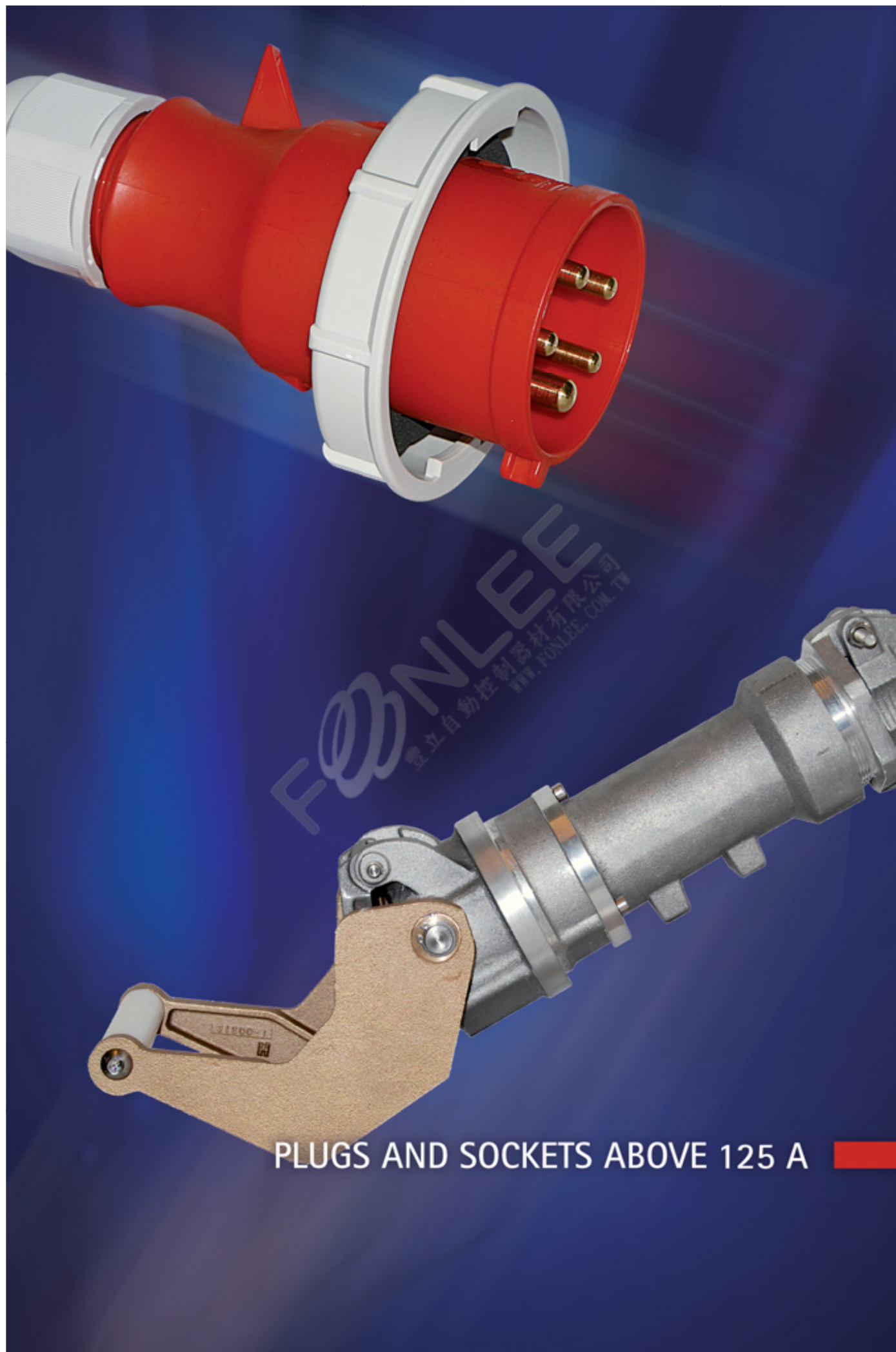
Terminals, Wiring Kits, Suspended Hook, Closure Cap, External Cable Glands, Reducers

		reference
	Terminals for Through Wiring	
	green/ yellow	58 089
	blue	58 090
	grey	58 091
	Wiring Kit	reference
	• for TK-combination socket	18 63
		18 96
	G-fuse base	
	• 5 x 20 mm DIN 41671	18 62
	G-fuse	18 64
	Suspended Hook	reference
	for Plug and Connectors with Multi-Grip cable gland system	
	at 16A	58 400
	at 32A	58 401
	at 63A and 125A	58 402
	Closure Cap	reference
	• for CEE-plugs	
	• protection degree IP 67	
	16 A	83 0
	16 A	83 5
	16 A	83 1
	32 A	83 7
	32 A	83 2
	63 A	83 3
	125 A	83 4
	3p	
	4p	
	External Cable Gland	reference
	• for plugs and connectors with Multi-Grip cable gland system	
	at 63A and 125A	
	63 A	29 132
	125 A	29 133
	3p, 4p, 5p	
	3p, 4p, 5p	
	Reducer	reference
	suitable for cable diameter smaller than 8mm, available for all 16A plugs and connectors with Multi-Grip cable gland system	29 129

ACCESSORIES

Seals for housings, Adaptor base, Assembly Bracket

		measurements			reference
	Seals for Housings - to joint housings - with cable feed through				reference
		a	b	c	
		M20	15	22	580010
		M40	33	27	580011
		M40	33	55	580012
	Adapter Base for external fixing of housing 260 x 160 mm and 460 x 180 mm				reference
					18 55
	Assembly Bracket for mounting of metal housings				reference
					58 701



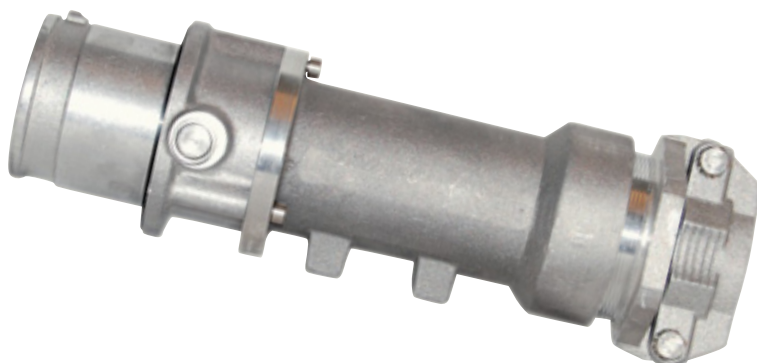
PLUGS AND SOCKETS ABOVE 125 A



Plugs and sockets of push & pull type are used to connect quickly and easily on various crane equipment like spreaders, vacuum-loaders, hydraulic grabs and other crane lifting equipment.



Thanks to their robust design these connectors are often used in harsh environments such as steel and aluminium plants, mills, mines, ports and terminals.



Electrical connectors are used on container spreaders and in container terminals as well as for land connection of ships, ferries, icebreakers, military vessels and in many off-shore applications. A normal application is the power supply to harbour cranes.



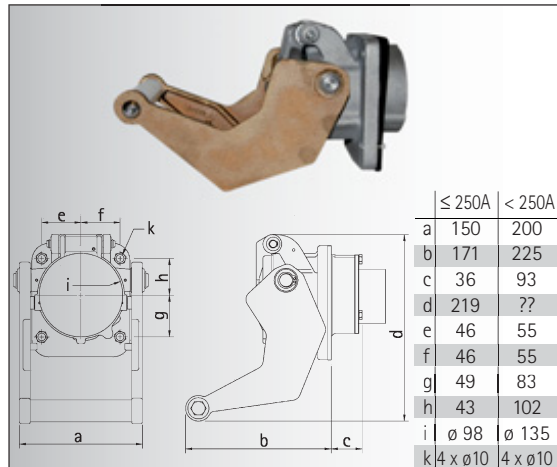
The Bals company has been serving the mining and tunnelling industries with solutions for their power connector requirements. Our electrical connectors provide a flexible, convenient and reliable means of extending cables from fixed or mobile powers sources to mining, tunneling and earthmoving equipment.



In open pit mines, such as shown above, where electricity is to be distributed to applications at varying distances from the main source, the role of power connectors is very important. They must allow for fast connecting and disconnecting and withstand extreme ambient influences such as dust, water and frost.

SCOPES:





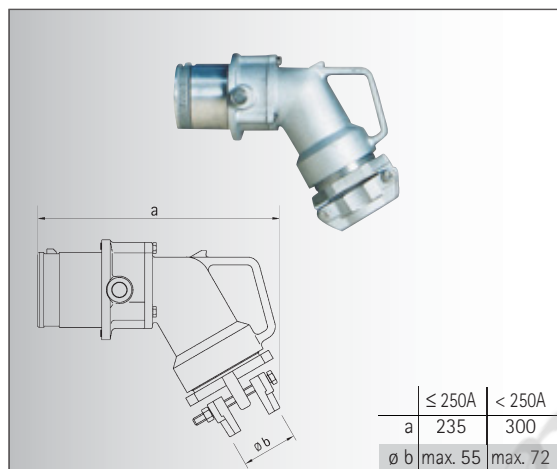
Panel mounting socket outlet with fastener locking system and lamella contacts

- device made of steel, lever made of bronze
- 2 internal pilot contacts for signal and control
- in closed condition IP 66

Ampere Poles

Cat. No.	cross section mm ²	each kg
----------	-------------------------------	---------

160	4	13 898	≤ 35	3,5
200	4	13 899	50	3,5
250	4	13 900	70	3,5
320	4	13 0214	95	7,8
420	4	13 0215	120/150	7,8
160	5	13 901	35	3,5
200	5	13 902	50	3,5
250	5	13 0216	≤ 70	7,8
320	5	13 0217	95	7,8

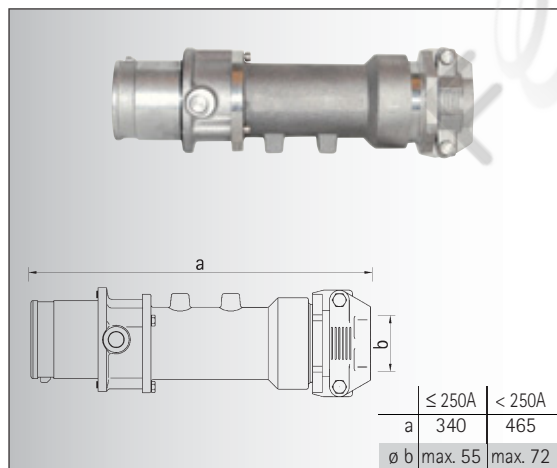


Plug, angled with fastener locking system

- device made of steel
- external cable clamp
- silver-plated lamella contacts
- 2 internal pilot contacts for signal and control
- for special dirt protection please use add. cover
- in closed condition IP 66

160	4	23 18	≤ 35	1,9
200	4	23 19	50	1,9
250	4	23 20	70	1,9
320	4	23 23	95	4,5
420	4	23 11	120/150	4,5
160	5	23 21	35	1,9
200	5	23 22	50	1,9
250	5	23 24	≤ 70	4,5
320	5	23 16	95	4,5

Closure cap see on page 249/3

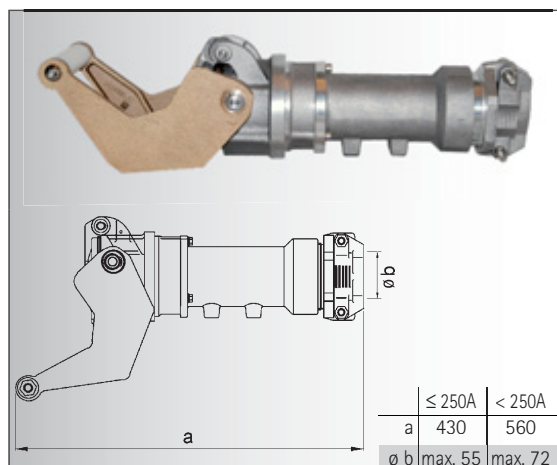


Plug, straight with fastener locking system

- device made of steel
- external cable clamp
- silver-plated lamella contacts
- 2 internal pilot contacts for signal and control
- for special dirt protection please use add. cover
- in closed condition IP 66

160	4	21 1018	≤ 35	1,8
200	4	21 1019	50	1,8
250	4	21 1020	70	1,8
320	4	21 1021	95	4,5
420	4	21 1022	120/150	4,5
160	5	21 1023	35	1,8
200	5	21 1024	50	1,8
250	5	21 1025	≤ 70	4,5
320	5	21 1026	95	4,5

Closure cap see on page 249/3

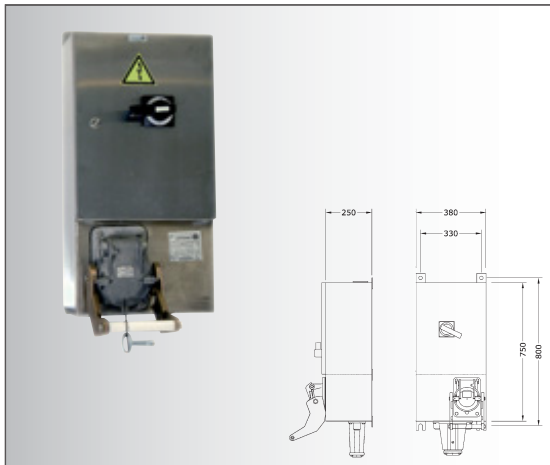


Connector with fastener locking system

- device made of steel
- external cable clamp
- silver-plated lamella contacts
- 2 internal pilot contacts for signal and control
- in closed condition IP 66

160	4	31 0697	≤ 35	4,8
200	4	31 0698	50	4,8
250	4	31 0318	70	4,8
320	4	31 0699	95	9,4
420	4	31 0700	120/150	9,4
160	5	31 0701	35	4,8
200	5	31 0702	50	4,8
250	5	31 0703	≤ 70	9,4
320	5	31 0704	95	9,4

Cat. No.	cross section mm ²	each kg
----------	----------------------------------	------------

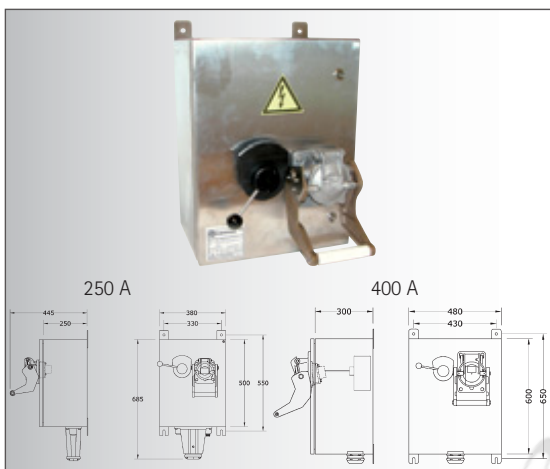


Surface Mounting socket outlet switched, electric interlocking

- stainless steel AISI 304
- with incorporated main switch and socket outlet
- IP 55

Ampere Poles

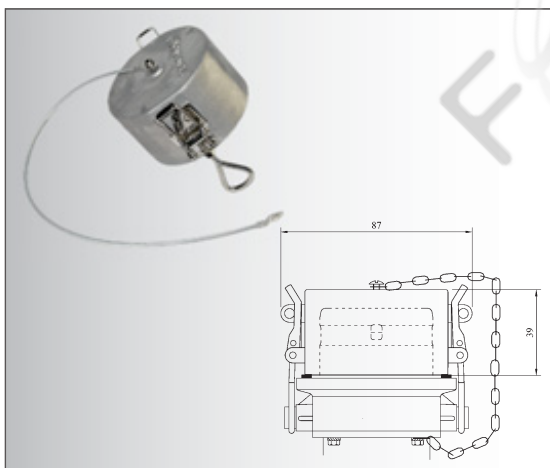
250	4	16 0467
400	4	16 0468
250	5	16 0469
400	5	16 0470



Surface Mounting socket outlet switched, mechanical interlocking

- stainless steel AISI 304
- with incorporated main switch and socket outlet
- IP 55

250	4	16 0471
400	4	16 0472
250	5	16 0473
400	5	16 0474



Protection Cover

- for straight and angled plugs (p. 248)
- fixing by a chain on the plug housing
- with side adjustment

83 45

83 22



SPECIAL DISTRIBUTION UNITS



power distribution board for tunnel



steel bollard for market places



distributor for
machinery halls



stainless steel distribution
board for camping sites



distribution panel for
railway



Distribution board for temporary power supply



mobile inspection trolley

Bals socket outlet combinations, made on users request safe and reliable energy supply for automated assembly lines



High requirements by the German railway will be complied with the rubber distribution units and stainless steel housing

Bals distribution boards for reefer container, installed in ports all over the world; used by a large number of ship lines



Abuse not possible – lockable Bals stainless steel distribution box



Inspection cart or mobile special combinations offers an exclusive solution for the current supply of maintenance and inspection



For an increasing demand of modern camping sites, special designed Bals distributor units can be equipped with additional electronic counters, TV-sockets and much more.

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114	23/4
115	23/4
116	23/4
117	23/4
118	23/4
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178	103/3
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182	243/1
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187	243/7
188	243/7
189	243/7
219	154/5
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719	116/6
724	116/3
725	116/3
726	116/3
735	225/1
736	119/4
737	119/4
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744	120/3
745	225/3
746	120/1
747	120/1
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749	120/2
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1106	27/1
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1125	27/1
1126	27/1
1127	27/1
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27012	61/4

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