

EN

PCE

Connection
to the future



Industrial Plugs and Sockets
2020/21
MADE IN AUSTRIA



PC ELECTRIC GesmbH / 4973 St. Martin i.L. / Austria

PCE

Connection
to the future

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PC ELECTRIC GMBH



Connection
to the future

PCE is a world leader in the development and production of industrial plugs and sockets with an export share of over 80%!

Since its founding in 1973 the company continued to develop and to become an international group of companies.

PCE offers a wide range of high quality products for various applications in the electrical installation sector. The range is constantly updated and currently includes approximately 22.000 items. In addition to our standard products PCE is able to produce customer-specific configurations on modern injection molding and metal processing plants within a few days.

High level of quality (ISO 9001:2015 Certification), flexibility and constant innovation of products and processes are among the most important factors of our successful customer-oriented strategy.

Speed is top priority! Rapid delivery times and reliability through efficient manufacturing methods and uncomplicated order processing have been appreciated by our customers for years.

Continuous innovation of products and processes paired with the close cooperation with our customers makes PCE a strong, worldwide partner for the professional use of industrial plugs and sockets in electrical installation!



The following subsidiaries are also production sites:

PCE POLSKA, Dzierżonów, Poland

PCE MERZ, Gaildorf, Germany

PCEL, Sri Lanka

BRANDT GESMBH, Inzersdorf, Austria

WINKLER GMBH, Ingolstadt, Germany

MOSER Systemelektrik, Gaildorf, Germany

SÄLZER Electric GmbH, Wenden & Rochlitz, Germany



Mobile power distributors

Testing technology

Sheet metal technology



Switch to Quality!

Sälzer



The company **Merz GmbH** is a global acting manufacturer in the field of mobile power distributors, testing technology, sheet metal equipment and switchgear.

- Assemblies for construction sites
- Event distributor
- Underfloor distributors



- Test panels
- Stationary test and workstation systems
- Mobile test systems



- Sheet metal parts according to customer
- MERZBOX
- Balcony cladding



Switchgear

- Cam switchers
- Disconnect switches
- DC-switches



Sälzer Electric GmbH

- Disconnect switches
- Rotary cam switches



The **Winkler GmbH** specializes in manual and electric systems up to 5000A, which are manufactured for industry and public buildings up to large-scale industry.

The company **Moser Systemelektrik** is specialized in underground energy systems and connection columns.





QUALITY MANAGEMENT

- Production according to international standards (ISO 9001:2015 Certification)
- High quality

RESEARCH & DEVELOPMENT

- Cost-effective and innovative manufacturing
- Numerous patent applications



CUSTOMER FOCUS

- Reliable service
- Perfect price-performance
- Functional design
- Tailor-made solutions
- Short delivery times

GLOBAL PRESENCE

- >80% export
- Global alliances
- Fast and reliable network structures



Information

CERTIFICATION ACCORDING TO ISO 9001 : 2015

The PCE quality management system has been certified according to the standard ISO 9001 : 2015!

CE-MARKING - LOW VOLTAGE GUIDELINE



Purpose:

- mainly a symbol for free trade in the European Community,
- if a product has been traded legally in one of the member countries, it can be traded legally in the whole Community,
- no quality mark or grade labelling,
- no sign of conformity to standards; to a certain extent a safety mark, because it indicates the compliance to the fundamental safety requirements.

The guidelines determine only basic requirements the products have to meet.

The essential points for the CE-identification are:

- it is obligatory for the producer or the EEC importer to put on the CE-identification label,
- the producer, EEC-importer must hold the engineering data for the disposal of the authorities.
- standard marks of conformity are permissible besides the CE-identification- but no longer necessary.

Applicable directives:

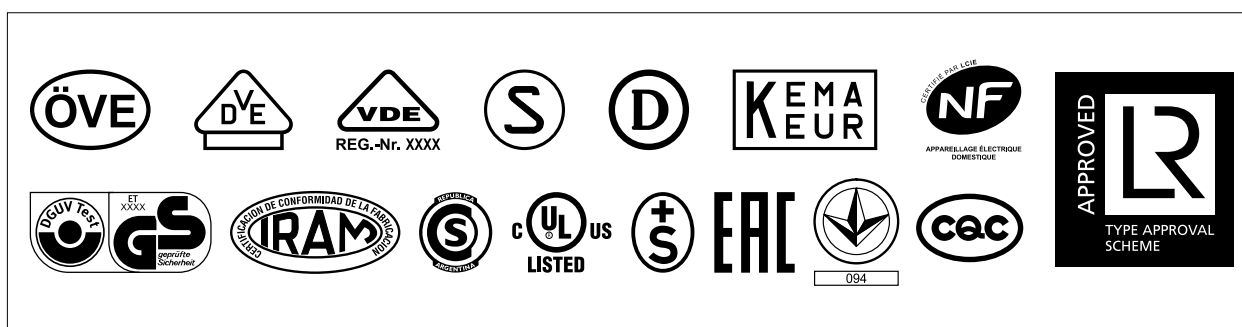
RoHS DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of June 8th 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

EMC DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of February 26th 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility

LVD DIRECTIVE 2014/35/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of February 26th 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits

APPROVALS - THE QUALITY MARKS

There has been created a IECEE CB method for mutual recognition of national approvals. PCE has tested all important products according to this method. An outline of certificates obtained is listed below for reference:



CEE and IEC

The term „CEE“ generally refers to Industrial Plugs and Sockets that comply with International Standard IEC 60309. CEE is the abbreviation of „International Commission on rules for the approval of Electrical Equipment“.

CONFORMITY TO STANDARDS

CEE plugs and sockets are internationally normalized by **IEC 60309-1** and **IEC 60309-2** equivalent to the European Norms **EN 60309 part 1** and **EN 60309 part 2**.

IEC is the „International Electrotechnical Commission“ - which is the world organization for international standardization of electrical equipment.

CENELEC

European Committee for Electrotechnical Normalization- members are the national electrotechnical committees from Austria, Belgium, Bulgaria, Czech Republic, Croatia, Cyprus, Denmark, Germany, Estonia, Finland, France, Greece, Hungary, Ireland, Iceland, Italy, Latvia, Lithuania, Luxembourg, Malta, Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovenia, Slovakia, Sweden, Switzerland, Spain, Turkey and the United Kingdom.

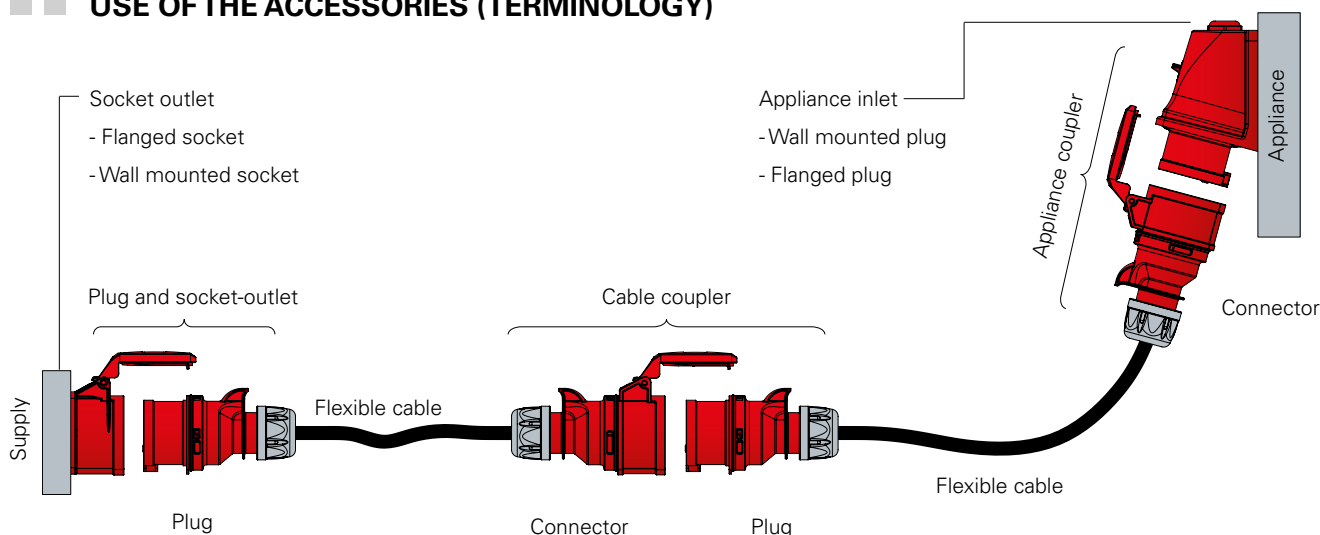
SYSTEM

The standard CEE plugs and sockets according to EN 60309-2 respectively IEC 60309-2 are designed in their main dimensions in a way that plugs and sockets with the same rated currents, nominal working voltage ranges, the same number of poles and frequency of different producers are compatible.

In order to prevent the insertion of plugs and sockets of different voltages and frequencies, 12 positions of the earthing contact are assigned to the polarizing slot of the skirt of a socket.

The number with the following letter „h“ indicates the position of the earth contact tube, comparing the frontside of the socket or connector with the face of a clock. The keyway is situated at 6 o'clock (see page 9).

USE OF THE ACCESSORIES (TERMINOLOGY)



Information

PILOT CONTACT

The pilot contact for levels of current from 63A to 125A is an auxiliary contact (with delayed close when inserted and leading open when pulled) and is used as an electrical interlock. An interlock prevents inserting and pulling under load. CEE connectors and socket-outlets with pilot contact have longer phase contacts and do not guarantee safety from finger-touch. This must be done by an interlock.

Technical data:

Connection type:	Screw terminals
Wire flexible [mm ²]	1 - 2,5
solid [mm ²]	1 - 4
Contact screws [Ncm]	100 Ncm
Rated current	2A

As PCE CEE plugs and sockets have sufficient switching capacity, the CEE couplings and socket-outlets are supplied as standard without a pilot contact and shorter phase contact with protection from finger-touch.

PCS (PILOT CONTACT SYSTEM)

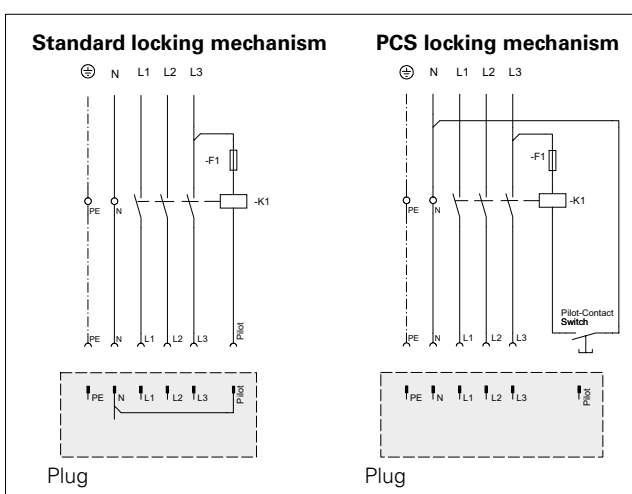
The PCS is a built-in auxiliary contact, used only for 63A and 125A connectors and socket-outlets, for protective electrical interlocking or for additional control purposes, with isolated connection in the socket-outlet. CEE connectors and sockets have longer phase contacts and guarantee no finger protection; this must be fulfilled by a locking.

The PCS provides the following advantages:

- no special cable required for the plug
- isolated inserting and pulling

Technical Datas:

- contacts: silver-coated
- wires: 2x YF 1.5qmm 450mm
- rated current: 2A



TERMINAL CROSS-SECTION, DISMANTLING AND STRIPPING LENGTH

Recommended datas for PCE products

Rated current	Terminal cross-section		Dismantling length [mm]	Stripping length [mm]
	wire flexible [mm ²]	wire solid (single or stranded) [mm ²]		
16A- CEE	1 – 2,5	1 – 4	50	10 – 12
32A- CEE	2,5 – 6	2,5 – 10	50	12 – 14
63A- CEE	6 – 16	6 – 25	100	15 – 18
125A- CEE	16 – 50	16 – 70	100	24 – 27
16/32A - extra low voltage <50V	1 – 10	1,5 – 10	70	14 – 16
S-Nova	1 ^{*)} – 2x2,5	1 – 2x2,5		8 – 10
S-Nova (screwless)	1 ^{*)} – 2x2,5	1 – 2x2,5		8 – 14
P-Nova Plus	1 ^{*)} – 2x2,5	1 – 2x2,5		8 – 10
Series Taurus and TopTaurus plugs	0,75 – 2,5		30	7
Series Taurus and TopTaurus connectors	1 – 2,5		30	7
Taurus and TopTaurus 3-way connectors	1 – 2,5		30	7
Nautilus plugs and connectors	1 – 2,5		30	7
Nautilus flanged sockets	1 – 2x2,5	1 – 2x2,5		7

^{*)} End sleeves must be used!

POSITION OF THE EARTHING CONTACT ACC. TO IEC 60309-2 – SERIE I

Voltage V	Frequency Hz	2P+E		3P+E		3P+N+E	
		16+32A	63+125A	16+32A	63+125A	16+32A	63+125A
57/100 to 75/130	50 and 60					4	4
100 to 130	50 and 60	4	4	4	4		
120/208 to 144/250	50 and 60					9	9
200 to 250	50 and 60	6	6	9	9		
200/346 to 240/415	50 and 60					6	6
220/380 250/440	50 60					3	3
250/440 to 265/460	60					11	11
277/480 to 288/500	50 and 60					7	7
347/600 to 400/690	50 and 60					5	5
380 to 415	50 and 60	9	9	6	6		
380 440	50 60			3	3		
440 to 460	60			11	11		
480 to 500	50 and 60	7	7	7	7		
600 to 690	50 and 60			5	5		
1000	50 and 60				8		
> 50	100 to 300	10	10	10	10	10	10
> 50	>300 to 500	2	2	2	2	2	2
> 50 to 250	DC	3	3				
> 250	DC	8	8				
supply by isolating transformer	50 and 60	12	12	12	12	12	12
All rated operating voltage and/or frequencies not covered by other configurations.		1	1	1	1	1	1

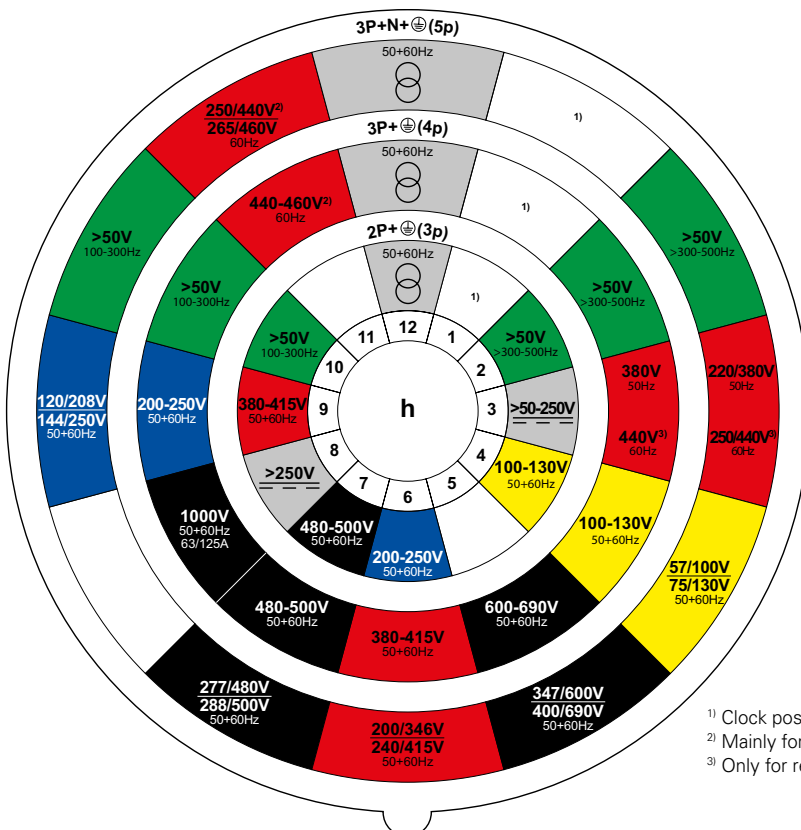
COLOUR CODES

For ease of identification of the various voltages and frequencies all CEE plugs and sockets are colour coded:

Rated operating voltage:	Colour code:
20-25V	violet
40-50V	white
100-130V	yellow
200-250V	blue
380-480V	red
500-1000V	black
>50V (100-500Hz)	green
no colour code	grey

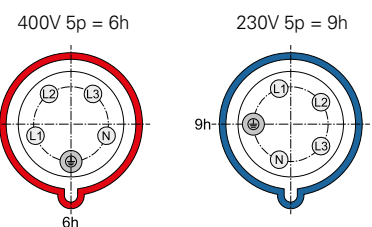
INTERNATIONAL RATING – SERIE I

for appliances >50V – details see table above



Position of the earthing contact.
View: frontside socket or connector

Example:



- 1) Clock position not standardized and free for use for special applications
- 2) Mainly for ship installations
- 3) Only for refrigerated containers

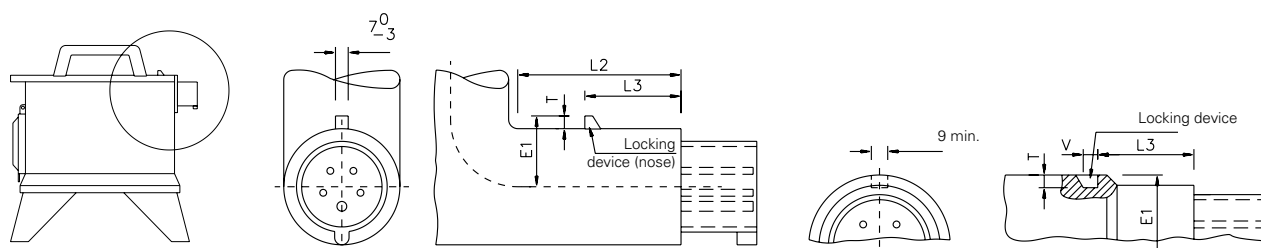
Information

LOCKING DEVICE

A locking device prevents unintended withdrawal by locking the hinged lid in a lug/cavity or a bayonet system with a bayonet ring. According to IEC/EN 60309-2 the following locking devices have to be provided:

rated current	protection degree	sockets and connectors	plugs and appliance plugs
16A and 32A	IP44	hinged lid	lug/cavity
16A and 32A	IP67	bayonet system	lug/cavity and bayonet ring
63A and 125A	IP67	bayonet system	bayonet ring

Extract from the standard EN60309 for plugs and flanged plugs:



Positioning table (in mm):

		E1	L2	L3 (IP44)	L3 (IP67)	T	V
16	3	29-31	≥75	40-41	37-38	≥4	≥8
16	4	33-35	≥80	46-47	43-44	≥5	≥8
16	5	37-39	≥90	52-53	49-50	≥7	≥8
32	3	39-41	≥90	53-54	50-51	≥7	≥8
32	4	39-41	≥90	53-54	50-51	≥7	≥8
32	5	44-46	≥105	58,5-60	55,5-57	≥8	≥9

CONTACTS

The contacts are made of a copper-zinc alloy. The most important features are:

- high electric conducting capacity 15 MS/m ($\text{m}/\Omega \text{ mm}^2$)
- high resistance to extension up to 500 N/mm² (MPa);
- high corrosion resistance in areas of: industrial atmosphere, agriculture,...
- with nickel-plated contacts increased corrosion resistance in areas of: seawater, steam, sulphur hydrides, agriculture, dairies.
- conform to RoHS-directiv 2011/65/EU

PCE sockets 63A and 125A have a CuBe lamellar spring for a well contacting and anti-corrosion contacts.

TEMPERATURES

Ambient temperature: Plugs and socket-outlets complying with IEC 60884-1 should be suitable for use at ambient temperatures not normally exceeding +40 °C, but their average over a period of 24 h does not exceed +35 °C, with a lower limit of the ambient air temperature of -5 °C.

IEC/EN 60309 applies to CEE plugs and sockets which are used at an ambient temperature that does not normally exceed the range from -25°C to +40°C.

Temperature resistance: PCE safety plugs and sockets themselves have a temperature resistance up to +70°C (100°C for 1 hour).

PCE CEE plugs and sockets themselves have a temperature resistance of -25°C to +80°C (100°C for 1 hour).

IK-CODE:

The IK code is a coding system according to EN 50102 respectively IEC 62262, which defines the degree of protection provided by an enclosure against damaging mechanical loads.

Each characteristic numerical group of the IK Code represents a load energy value as per the table:

IK-Code	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Load energy in joule	0,14	0,2	0,35	0,5	0,7	1	2	5	10	20

PLASTIC MATERIAL

Our plugs and sockets are produced from POLYAMIDE 6 as well as PC/ABS.

The main characteristics of these materials are:

- excellent impact resistance combined with high rigidity and solidity
- high thermal stability (self-extinguishing)
- very good insulating qualities
- high disruptive strength
- high abrasion resistance
- high weathering resistance
- UV-resistance according ISO 4892-2
- very good chemical resistance to various chemicals
- free from cadmium and halogen (fluorine, chlorine, bromine, iodine, astatine)
- conform to RoHS-directiv 2011/65/EU

PCE – overview chemical resistance:

Chemicals	Concentration	Resistance	
		PA6	PC/ABS
Aceton		+	-
Aldehyhde		o	-
Alcohol		+	+
Formic acid	4-5%	-	o
Formic acid pure		-	x
Formic acid hydrous		-	x
Amine		+	-
Ammonia	5%	+	o / -
Ammonia hydroxyde		+	x
Ammonia hydroxide solution	15%	x	o
Ammonia chlorid	35%	+	-
Ammonium compound (except persulphate)		+	x
inorganic salts		+	o
Benzine		+	-
Benzene		+	o
Chlorine		o	o
Diethyl ether		+	x
Acetic acid	5%	o	+
Ester		+	o
Ethanol	4%	+	+
Ethyl ether		+	o
Grease		+	o / +
Hydrofluoric acid		-	o
Formaldehyde	5%	+	-
Formaldehyde pure		+	x
Formaldehyde hydrous		+	x
Formalin	3-4%	+	-

Chemicals	Concentration	Resistance	
		PA6	PC/ABS
Glutaraldehyde		o	x
Glycol		o	o
Glyoxylic acid		o	x
Glycerin		+	o
Pozassium hydroxide	50%	o	-
Ketone		+	-
Petrol		+	o / -
Cresol	30%	-	-
Methane		+	x
Mineral oil		+	+
Sodium chlorid		+	+
Caustic soda	10%	+	x
Caustic soda solution	2-8%	+	-
Nitrobenzene		+	-
organic acids	1%	o/-	+
Oil		+	+
peracetic acid	2%	-	-
Phosphoric acid	10%	-	o
Propanol		+	o
Nitric acid	2%	-	+
Hydrochloric acid	2%	-	o
Sulphuric acid	50%	-	+
propellants (propane-butane mixture)		x	-
petroleum ether		x	o
Water		+	+
Hydrogen peroxide	30%	o	+
Citric acid	20%	o	+

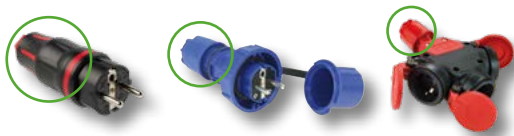
+ resistant o conditionally resistant - not resistant x not specified

The information about the resistance is valid with ambient temperature and can lead in coincidence of different medias to different resistances. These indications do not exempt from own tests to determine the actual suitability of the products for the intended use.
Source: Saechtling Kunststoff pocket book; Carl Hanser Verlag Munich, Vienna; DSM Engineering plastics; PCE internal tests/investigations
Status: Nov. 11, 2016



Information

TORQUES FOR PCE PRODUCTS

		Torques [Ncm]	
Safety plugs and connectors			
Cable gland (TopTaurus, TopTaurus2, Nautilus)		400	
CEE		16A	32A
Cable gland		500	600
Housing screws		110	110
Connecting screws		110	110
Cable gland <50V		600	600
CEE		63A	125A
Cable gland		1500	1500
Connecting screws		200	200
Housing screws		200	200
Connecting screws		200	200

IP (INGRESS PROTECTION)-RATINGS

CEE-plugs and sockets with rated currents 16A, 32A and 63A must meet the system of protection IP44 or IP67; 125A protection degree IP66/67 according to EN 60529.

The degree of protection is tested on sockets and connectors, with and without inserted plug or appliance plug and on plugs and appliance plugs, when fully inserted into the socket or connector.

1st digit	Protection against ingress of solid objects	2nd digit	Protection against penetration of water
2	ø 12,5 mm	0	non protection
3	ø 2,5 mm	3	spraying water at an angle up to 60° from the vertical
4	ø 1 mm	4	splashing water from any direction
5	dustproof	5	water jets from any direction
6	dust-tight	6	strong water jets from any direction
		7	temporary immersion in water under defined pressure and time
		8	continuous submersion in water under defined pressure and time

Example: **IP44** = **1st digit = 4** . protection against solid objects larger than 1mm ø
 2nd digit = .4 protection against splashing water from any direction

If the system allows plugs of a certain IP rating to be introduced into socket-outlets having another IP rating, attention should be drawn to the fact that the resulting degree of protection of the combination plug/socket-outlet is the lower of the two.

Explanation for double marking IP66/67 and IP66/68:

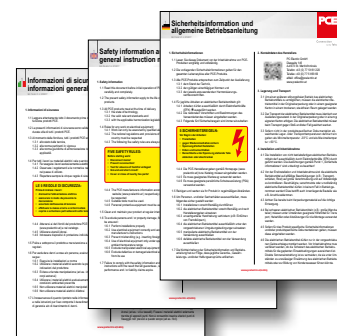
According to IEC 60529, an accessory designated with second characteristic numeral 7 or 8 is only suitable for immersion. For protection against exposure to water jets, additional testing is required according to second characteristic numeral 5 or 6 and then the product should be marked accordingly.

SAFETY INFORMATION and general instruction manual

The latest versions of our safety informations and general instruction manuals can be found online at **www.pcelectric.at/safety** or **www.manufacturer-safety.info** in several different languages.



www.manufacturer-safety.info



WEEE DIRECTIVE



 On 4th of July 2012 the directive 2012/19/EU on waste electrical and electronic equipment was adopted. The material scope of this directive is defined in article 2 and the annexes I and II contain a list of all the electrical and electronic equipment which fall within the scope of this directive. Although the products of PCE are not specifically mentioned, it can be concluded from the wording that the WEEE directive must be applied at some of our products.

The personal scope is defined in article 3. In accordance with article 3 (1) f (iii) any natural or legal person, who is established in a Member State and places electrical or electronic equipment from a third country or from another Member State on the market of that Member state, shall apply as a manufacturer in the sense of this directive. It can be clearly established from the wording that you are obliged to achieve the requirements of this directive according to national specification.

We ask for notice and hope that this information has been useful.

CEE 16/32A

CONNECTION TYPES

SCREW TERMINAL

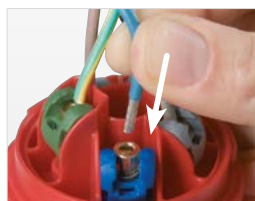
Contact screws

- Accessible from one direction
- Captive and open
- With multi-slot

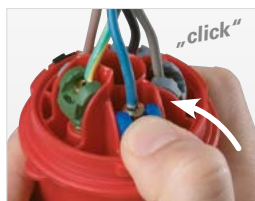


SCREWLESS CONNECTION TECHNOLOGY TURBO TERMINAL

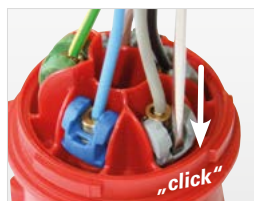
- Time saving
- Screwless TT-terminal (PCE-patent)
- Open contact terminals, ready for assembly
- Fast cable installation
- Simple closing and opening just by thumb pressure
- Colour-coded terminals



1) Insert wire



2) Close terminal



3) Re-open terminal

TURBO
TERMINAL



For all standard cable diameters

- 16A: up to 2,5mm² flexible, up to 4mm² solid
- 32A: up to 6,0mm² flexible, up to 10mm² solid

Conductors (stripped)

- flexible with or without end sleeve
- or solid wires

ADVANTAGES OF CABLE LOCK GLAND

- Time saving
- Simple insertion of the cable in less time
- Strain relief and sealing of the cable by tightening the cable-lock gland
- Usable for all known cable types
- Self-adjusting gasket for different cable diameters
- Maximum cable security



LOCKING MECHANISM

No screws needed to assemble the plug

- Multi-ramp quick-lock system
- Easy fitting by twist-lock action
→ saves your time



Dismantling (open)

- simply unlock and twist to open

CEE 63/125A

POWER TWIST



SAFETY
HEAVY DUTY
TIME SAVING

SAFETY

Lamellar spring

- Low insertion and extraction forces
- Minimum contact resistance
- Self-cleaning
- Optimum contact- at least 10 contact points

TWIST-cable gland

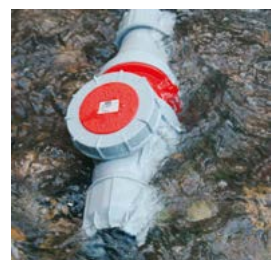
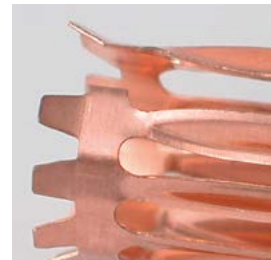
- Secures the cable firmly in position
- Protects from water and dust
- Safety screw locks the screw cap in position

HEAVY DUTY

- For extreme environments
- Exceptionally high impact resistance
- Extremely heat resistant contact carriers
- Anti-corrosion contacts
- Offers protection in aggressive atmospheres, e.g. in chemical plants

TIME SAVING

- TWIST-cable gland
- Optimum grip
- Wide connection space
- Fast cable installation
- open contact terminals, ready for assembly





CEE INDUSTRIAL PLUGS AND SOCKETS

16A - 125A

CEE Industrial plugs and sockets 16A - 125A



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CEE Plugs

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CEE Angled plugs

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CEE Wall mounted plugs

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CEE Flanged plugs

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CEE Phase inverters

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Accessories

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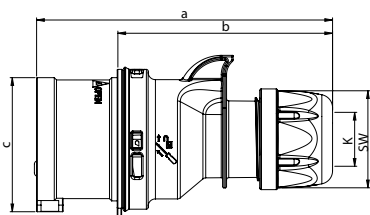


CEE Connectors

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CEE Plugs

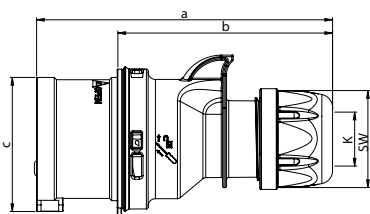


Plug IP44 SHARK

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	86	92	98	104	104	109
c [mm]	47	53	61	63	63	70
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	109	128	151	181	201	232

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 015-6v

IP44 splashproof

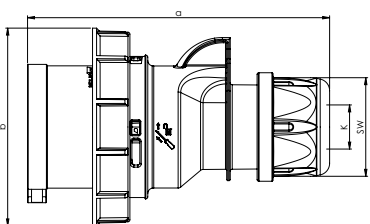


Plug IP44 SHARK TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	86	92	98	104	104	109
c [mm]	47	53	61	63	63	70
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
SW [mm]	42	42	42	50	50	50
Weight [g]	111	132	156	186	206	241

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 015-6TTv

IP44 splashproof

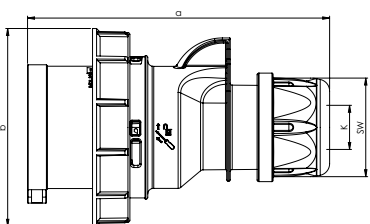


Plug IP67 SHARK

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	71	79	87	93	93	100
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	130	154	183	223	242	276

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 0152-6v

IP66/67 watertight



Plug IP67 SHARK TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	71	79	87	93	93	100
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
SW [mm]	42	42	42	50	50	50
Weight [g]	132	157	188	227	246	285

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 0152-6TTv

IP66/67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h Cat.No.	50/60Hz 3p=6h 4p+5p=9h Cat.No.	50/60Hz 3p=9h 4p+5p=6h Cat.No.	50/60Hz 7h Cat.No.	100-300Hz 10h Cat.No.	301-500Hz 2h Cat.No.
16	3	10	013-4	013-6	013-9	013-7	013-10	013-2
16	4	10	014-4	014-9	014-6	014-7	014-10	014-2
16	5	10	015-4	015-9	015-6	015-7	015-10	015-2
32	3	10	023-4	023-6	023-9	023-7	023-10	023-2
32	4	10	024-4	024-9	024-6	024-7	024-10	024-2
32	5	10	025-4	025-9	025-6	025-7	025-10	025-2



015-6

16	3	10	013-4TT	013-6TT	013-9TT
16	4	10	014-4TT	014-9TT	014-6TT
16	5	10	015-4TT	015-9TT	015-6TT
32	3	10	023-4TT	023-6TT	023-9TT
32	4	10	024-4TT	024-9TT	024-6TT
32	5	10	025-4TT	025-9TT	025-6TT



015-6TT

16	3	10	0132-4	0132-6	0132-9	0132-7	0132-10	0132-2
16	4	10	0142-4	0142-9	0142-6	0142-7	0142-10	0142-2
16	5	10	0152-4	0152-9	0152-6	0152-7	0152-10	0152-2
32	3	10	0232-4	0232-6	0232-9	0232-7	0232-10	0232-2
32	4	10	0242-4	0242-9	0242-6	0242-7	0242-10	0242-2
32	5	10	0252-4	0252-9	0252-6	0252-7	0252-10	0252-2



0152-6

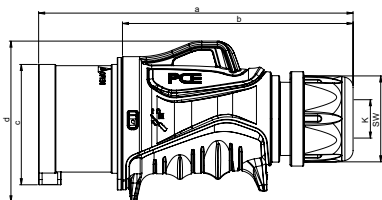
16	3	10	0132-4TT	0132-6TT	0132-9TT
16	4	10	0142-4TT	0142-9TT	0142-6TT
16	5	10	0152-4TT	0152-9TT	0152-6TT
32	3	10	0232-4TT	0232-6TT	0232-9TT
32	4	10	0242-4TT	0242-9TT	0242-6TT
32	5	10	0252-4TT	0252-9TT	0252-6TT



0252-6TT



CEE Plugs

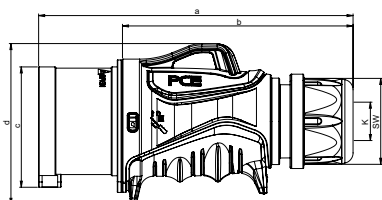


Plug IP44/54 GRIP

	16 Amp	32 Amp
Poles	5	5
a [mm]	157	182
b [mm]	117	134
c [mm]	61	70
d [mm]	79	93
K cable Ø [mm]	8-16	11,5-22
Wire flexible [mm²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	178	271

- with screw terminals
- housing material: 2-components (PA6 / TPE)
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 0153-6v

IP44/54 splashproof



Plug IP44/54 GRIP TT

	16 Amp	32 Amp
Poles	5	5
a [mm]	157	182
b [mm]	117	134
c [mm]	61	70
d [mm]	79	93
K cable Ø [mm]	8-16	11,5-22
Wire flexible [mm²]	1-2,5	2,5-6
SW [mm]	42	50
Weight [g]	183	280

- screwless connection technology
- housing material: 2-components (PA6 / TPE)
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 0153-6TTv

IP44/54 splashproof



1

Cable gland

central- with internal strain relief for all common cable types.

2

Hinged lid

shape-optimized geometry

3

Locking mechanism

closed multi-ramp locking system with proven opening mechanism

4

Cover operation

for a convenient single-handed operation of the hinged lid- ergonomically optimized

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	5	10	0153-4	0153-9	0153-6			
32	5	10	0253-4	0253-9	0253-6			



0153-6

16	5	10	0153-4TT	0153-9TT	0153-6TT			
32	5	10	0253-4TT	0253-9TT	0253-6TT			



0253-6TT



MORE GRIP MORE „POWER“

The new CEE plugs and connectors with rubberized surfaces provide more safety and perfect grip for all applications

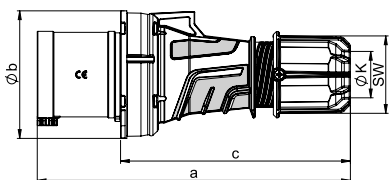
„Protective strap“
Increased protective strap for safe handling when plugging in and pulling out

Retaining groove
new holding device with integrated retaining groove- multi usage

GRIP
ergonomically shaped grip area, secure hold- perfect for all applications

cable gland nut
proven system for actuating the internal strain relief

CEE Plugs

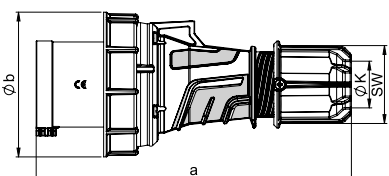


Plug IP44 POWER TWIST

Poles	63 Amp		
	3	4	5
a [mm]	250	250	250
b [mm]	102	102	102
c [mm]	184	184	184
K cable Ø [mm]	14,5-36	14,5-36	14,5-36
Wire flexible [mm²]	6-16		
Contact screws [Ncm]	200		
SW [mm]	61	61	61
Weight [g]	534	576	625

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts with pilot contact (see page 8)

IP44 splashproof

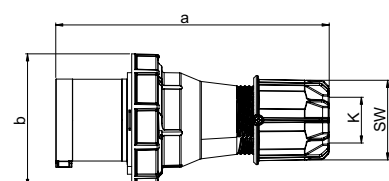


Plug IP66/67 POWER TWIST

Poles	63 Amp		
	3	4	5
a [mm]	250	250	250
b [mm]	115	115	115
K cable Ø [mm]	14,5-36	14,5-36	14,5-36
Wire flexible [mm²]	6-16		
Contact screws [Ncm]	200		
SW [mm]	61	61	61
Weight [g]	574	621	670

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts with pilot contact (see page 8)

IP66/67 watertight



Plug IP66/67 POWER TWIST

Poles	125 Amp		
	3	4	5
a [mm]	270	270	270
b [mm]	131	131	131
K cable Ø [mm]	22,5-50	22,5-50	22,5-50
Wire flexible [mm²]	16-50		
Contact screws [Ncm]	450		
SW [mm]	81	81	81
Weight [g]	956	1064	1169

- contact frame with hexagon socket screws
- housing material: PA6
- contacts: nickel-plated contacts with pilot contact (see page 8)

IP66/67 watertight

**POWER
TWIST**



- ✓ Safety
- ✓ High impact resistance
- ✓ Optimum grip
- ✓ Large connection area
- ✓ Time saving

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
63	3	2	0331-4	0331-6	0331-9	0331-7	0331-10	0331-2
63	4	2	0341-4	0341-9	0341-6	0341-7	0341-10	0341-2
63	5	2	0351-4	0351-9	0351-6	0351-7	0351-10	0351-2



0351-6

63	3	2	033-4	033-6	033-9	033-7	033-10	033-2
63	4	2	034-4	034-9	034-6	034-7	034-10	034-2
63	5	2	035-4	035-9	035-6	035-7	035-10	035-2



035-6

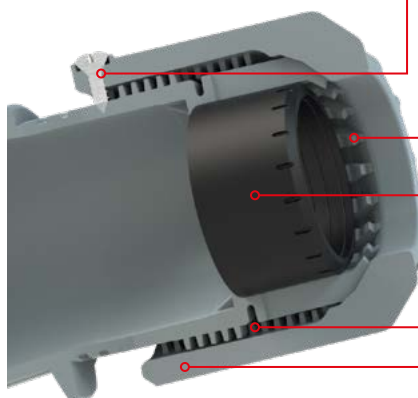
125	3	2	043-4	043-6	043-9	043-7	043-10	043-2
125	4	2	044-4	044-9	044-6	044-7	044-10	044-2
125	5	2	045-4	045-9	045-6	045-7	045-10	045-2



045-6

Time saving:

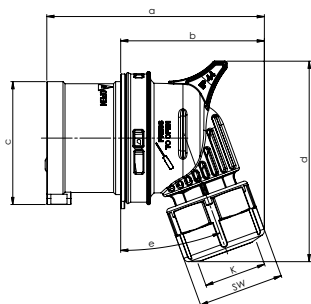
- Simple and fast insertion of the cable
- Strain-relief and sealing of the cable by tightening the cable gland
- All current cables for 63A from ø14,5mm to ø36mm for 125A from ø22,5mm to ø50mm
- 100% tightness of the cable



- **Safety screw**
locks the screw cap in position
- **Strain-relief**
for very high strain
- **Sealing**
protection degree IP66/IP67
- **Acme thread**
for high force
- **Cable gland nut**
optimum grip



CEE Angled plugs

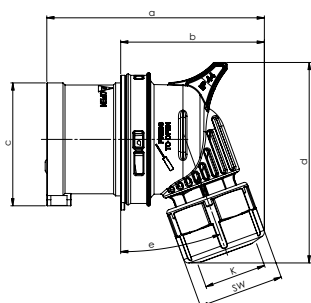


Angled plug IP44 TWIST

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	96	98	108	127	127	135
b [mm]	59	62	71	82	82	90
c [mm]	47	53	61	63	63	70
d [mm]	82	87	99	111	111	114
e [°]	15	15	20	25	25	25
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	38	38	42	50	50	50
Weight [g]	107	130	155	174	194	236

- with screw terminals
- housing material
16/3 16/4: PA6
16/5 32/3 32/4 32/5: PC/ABS
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 8015-6v

IP44 splashproof

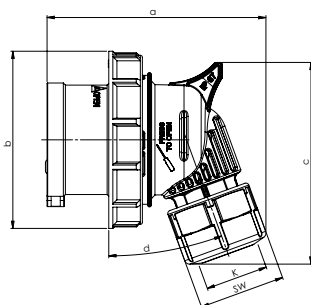


Angled plug IP44 TWIST TT

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	96	98	108	127	127	135
b [mm]	59	62	71	82	82	90
c [mm]	47	53	61	63	63	70
d [mm]	82	87	99	111	111	114
e [°]	15	15	20	25	25	25
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
SW [mm]	38	38	42	50	50	50
Weight [g]	110	134	160	179	199	244

- screwless connection technology
- housing material
16/3 16/4: PA6
16/5 32/3 32/4 32/5: PC/ABS
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 8015-6TTv

IP44 splashproof

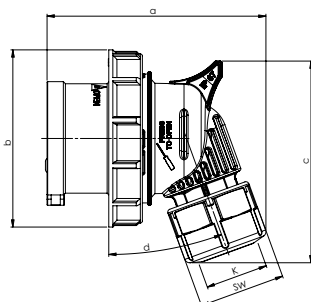


Angled plug IP67 TWIST

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	96	98	108	127	127	135
b [mm]	71	79	87	93	93	100
c [mm]	82	87	99	111	111	114
d [°]	15	15	20	25	25	25
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	38	38	42	50	50	50
Weight [g]	128	155	186	215	234	278

- with screw terminals
- housing material
16/3 16/4: PA6
16/5 32/3 32/4 32/5: PC/ABS
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 80152-6v

IP67 watertight



Angled plug IP67 TWIST TT

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	96	98	108	127	127	135
b [mm]	71	79	87	93	93	100
c [mm]	82	87	99	111	111	114
d [°]	15	15	20	25	25	25
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
SW [mm]	38	38	42	50	50	50
Weight [g]	130	158	191	219	238	288

- screwless connection technology
- housing material
16/3 16/4: PA6
16/5 32/3 32/4 32/5: PC/ABS
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 80152-6TTv

IP67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	10	8013-4	8013-6	8013-9	8013-7	8013-10	8013-2
16	4	10	8014-4	8014-9	8014-6	8014-7	8014-10	8014-2
16	5	10	8015-4	8015-9	8015-6	8015-7	8015-10	8015-2
32	3	10	8023-4	8023-6	8023-9	8023-7	8023-10	8023-2
32	4	10	8024-4	8024-9	8024-6	8024-7	8024-10	8024-2
32	5	10	8025-4	8025-9	8025-6	8025-7	8025-10	8025-2



8013-6

16	3	10	8013-4TT	8013-6TT	8013-9TT			
16	4	10	8014-4TT	8014-9TT	8014-6TT			
16	5	10	8015-4TT	8015-9TT	8015-6TT			
32	3	10	8023-4TT	8023-6TT	8023-9TT			
32	4	10	8024-4TT	8024-9TT	8024-6TT			
32	5	10	8025-4TT	8025-9TT	8025-6TT			

TURBO click
TERMINAL



8013-6TT

16	3	10	80132-4	80132-6	80132-9	80132-7	80132-10	80132-2
16	4	10	80142-4	80142-9	80142-6	80142-7	80142-10	80142-2
16	5	10	80152-4	80152-9	80152-6	80152-7	80152-10	80152-2
32	3	10	80232-4	80232-6	80232-9	80232-7	80232-10	80232-2
32	4	10	80242-4	80242-9	80242-6	80242-7	80242-10	80242-2
32	5	10	80252-4	80252-9	80252-6	80252-7	80252-10	80252-2



80142-6

16	3	10	80132-4TT	80132-6TT	80132-9TT			
16	4	10	80142-4TT	80142-9TT	80142-6TT			
16	5	10	80152-4TT	80152-9TT	80152-6TT			
32	3	10	80232-4TT	80232-6TT	80232-9TT			
32	4	10	80242-4TT	80242-9TT	80242-6TT			
32	5	10	80252-4TT	80252-9TT	80252-6TT			



TURBO click
TERMINAL



80142-6TT



CEE Wall mounted plugs

Wall mounted plug IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	120	121	122	131	131	132
Height [mm]	76	76	79	82	82	85
M [mm]	25	25	25	25	25	25
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	173	188	205	212	232	253

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 515-6v
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall mounted plug IP44 TT

	16 Amp		32 Amp	
Poles	3	5	4	5
a [mm]	120	122	131	132
Height [mm]	76	79	82	85
M [mm]	25	25	25	25
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Weight [g]	176	209	238	261

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 515-6TTv
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall mounted plug with lid IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	127	128	128	137	137	140
Height [mm]	92	94	97	99	99	104
M [mm]	25	25	25	25	25	25
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	230	245	263	272	292	316

- with screw terminals
- with hinged lid
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 515-6dv
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall mounted plug with lid IP44

	16 Amp		32 Amp	
Poles		5		5
a [mm]		141		151
Height [mm]		99		112
M* [mm]		25		25
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]		257		310

- with screw terminals
- **one-piece housing**
- with hinged lid
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 515-6kdv
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

*M32 optional on request available

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	10	513-4	513-6	513-9	513-7	513-10	513-2
16	4	10	514-4	514-9	514-6	514-7	514-10	514-2
16	5	10	515-4	515-9	515-6	515-7	515-10	515-2
32	3	10	523-4	523-6	523-9	523-7	523-10	523-2
32	4	10	524-4	524-9	524-6	524-7	524-10	524-2
32	5	10	525-4	525-9	525-6	525-7	525-10	525-2



515-6

16	3	10	513-4TT	513-6TT	513-9TT			
16	5	10	515-4TT	515-9TT	515-6TT			
32	4	10	524-4TT	524-9TT	524-6TT			
32	5	10	525-4TT	525-9TT	525-6TT			



515-6TT

16	3	10	513-4d	513-6d	513-9d	513-7d	513-10d	513-2d
16	4	10	514-4d	514-9d	514-6d	514-7d	514-10d	514-2d
16	5	10	515-4d	515-9d	515-6d	515-7d	515-10d	515-2d
32	3	10	523-4d	523-6d	523-9d	523-7d	523-10d	523-2d
32	4	10	524-4d	524-9d	524-6d	524-7d	524-10d	524-2d
32	5	10	525-4d	525-9d	525-6d	525-7d	525-10d	525-2d



515-6d

16	5	10	515-4kd	515-9kd	515-6kd	515-7kd	515-10kd	515-2kd
32	5	10	525-4kd	525-9kd	525-6kd	525-7kd	525-10kd	525-2kd

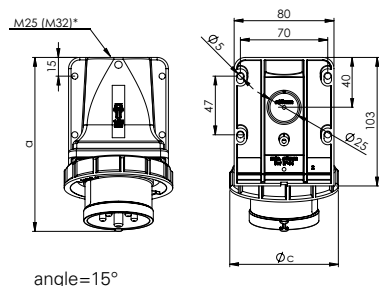


525-6kd

Accessories see page 50



CEE Wall mounted plugs



angle=15°

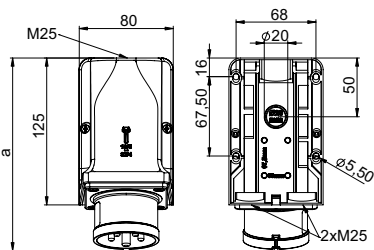
Wall mounted plug IP67

	16 Amp			32 Amp		
Poles	3	4	5	4	5	
a [mm]	136	138	140	150	153	152
Height [mm]	99	94	100	104	104	102
c [mm]	71	79	87	93	93	102
M* [mm]	25	25	25	25	25	25
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	200	223	242	260	280	306

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a „**v**“ e.g. 5152-6**v**
- top or rear entry
- incl. threaded bung

IP67 watertight

*M32 optional on request available



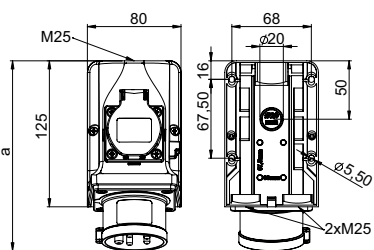
angle=15°

Wall mounted plug IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	163	163	164	173	173	174
Height [mm]	109	109	112	115	115	118
M [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	263	278	295	302	322	341

- with screw terminals
- for wiring through
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a „**v**“ e.g. 9515-6**v**
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof



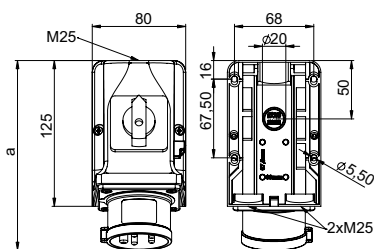
angle=15°

Wall mounted plug - COMBO IP44

	16 Amp			32 Amp		
Poles	3	4	5	3		5
a [mm]	162	162	163	172		173
Height [mm]	117	117	117	117		118
M [mm]	3x25	3x25	3x25	3x25		3x25
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws CEE [Ncm]	100			110		
Screw terminals [Ncm]	120					
Weight [g]	367	382	399	422		463

- with screw terminals
- wall mounted plug with integrated safety socket acc. Austr./Germ. system
- connecting terminals up to 10mm²
- **ready wired**
- for plug 32A the safety socket is protected by fuse (10A slow)
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a „**v**“ e.g. 95215-6**v**
- top, 2x bottom or rear entry
- incl. threaded cable grommet
- special design with Belg./French socket outlet or non wired version are available on request

IP44 splashproof



angle=15°

Wall mounted plug with switch IP44

	16 Amp	32 Amp
Poles	5	5
a [mm]	163	173
Height [mm]	128	128
M [mm]	3x25	3x25
Wire flexible [mm²]	1-2,5	2,5-6
Wire solid [mm²]	1-4	2,5-10
Weight [g]	474	522

- with screw terminals
- wall mounting plug with integrated ON/OFF switch AC22A
- **prewired**
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a „**v**“ e.g. 75615-6**v**
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	5	5132-4k	5132-6k	5132-9k	5132-7k	5132-10k	5132-2k
16	4	5	5142-4k	5142-9k	5142-6k	5142-7k	5142-10k	5142-2k
16	5	5	5152-4k	5152-9k	5152-6k	5152-7k	5152-10k	5152-2k
32	3	5	5232-4k	5232-6k	5232-9k	5232-7k	5232-10k	5232-2k
32	4	5	5242-4k	5242-9k	5242-6k	5242-7k	5242-10k	5242-2k
32	5	5	5252-4k	5252-9k	5252-6k	5252-7k	5252-10k	5252-2k



5252-6k

16	3	5	9513-4	9513-6	9513-9	9513-7	9513-10	9513-2
16	4	5	9514-4	9514-9	9514-6	9514-7	9514-10	9514-2
16	5	5	9515-4	9515-9	9515-6	9515-7	9515-10	9515-2
32	3	5	9523-4	9523-6	9523-9	9523-7	9523-10	9523-2
32	4	5	9524-4	9524-9	9524-6	9524-7	9524-10	9524-2
32	5	5	9525-4	9525-9	9525-6	9525-7	9525-10	9525-2



9515-6

16	3	5	95213-6	95215-6
16	4	5		
16	5	5		
32	3	5	95223-6	95225-6
32	5	5		



95225-6



95215-6

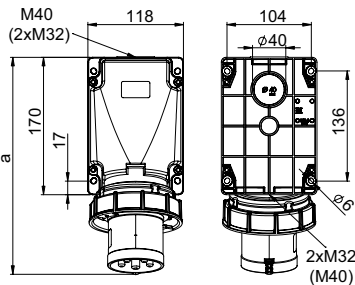
16	5	5		75615-6
32	5	5		75625-6



75615-6

CEE Wall mounted plugs

Wall mounted plug IP66/67 POWER TWIST



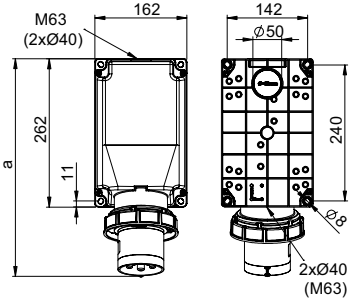
angle=15°

Poles	63 Amp		
	3	4	5
a [mm]	271	271	271
Height [mm]	175	175	175
Wire flexible [mm²]	6-16		
Wire solid [mm²]	6-25		
Contact screws [Ncm]	200		
Weight [g]	812	864	914

- contact frame with screws
- housing material: PC/ABS
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- top, bottom or rear entry
- housing can be rotated by 180°
- incl. threaded bung
- for waterproof cover and cable-glands see accessories page 51

IP66/67 watertight

Wall mounted plug IP66/67 POWER TWIST



angle=15°

Poles	125 Amp		
	3	4	5
a [mm]	387	387	387
Height [mm]	209	209	209
Wire flexible [mm²]	16-50		
Wire solid [mm²]	16-70		
Contact screws [Ncm]	450		
Weight [g]	1620	1725	1834

- contact frame with hexagon socket screws
- housing material: PC/ABS
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- top, bottom or rear entry
- housing can be rotated by 180°
- incl. threaded bung
- for waterproof cover and cable-glands see accessories page 51

IP66/67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
63	3	1	533-4	533-6	533-9	533-7	533-10	533-2
63	4	1	534-4	534-9	534-6	534-7	534-10	534-2
63	5	1	535-4	535-9	535-6	535-7	535-10	535-2



535-6

125	3	1	543-4	543-6	543-9	543-7	543-10	543-2
125	4	1	544-4	544-9	544-6	544-7	544-10	544-2
125	5	1	545-4	545-9	545-6	545-7	545-10	545-2



545-6

Accessories see page 50



CEE Flanged plugs

Connection types:

Screw terminal:
16/32A



TURBO clicks
TERMINAL

Screwless terminal:
16/32A



POWER
TWIST

Contact frame:
63/125A



Screw terminal

- accessible from one direction
- screws captive and open
- screws with multi slot

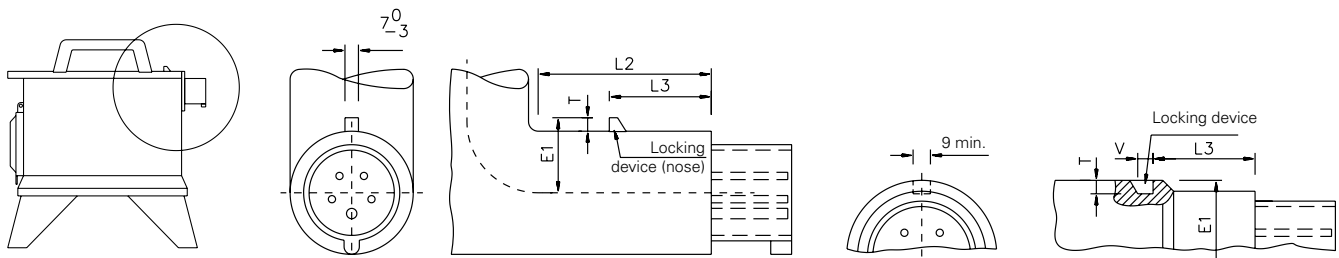
Screwless terminal

- time saving
- screwless TT-terminal
- open contact terminals = ready for assembly
- fast cable installation
- simple closing and opening

Contact frame

- perfect clamping
- protection of the cables
- screws with multi slot (63A)
- hexagon socket screws (125A)

Locking device:



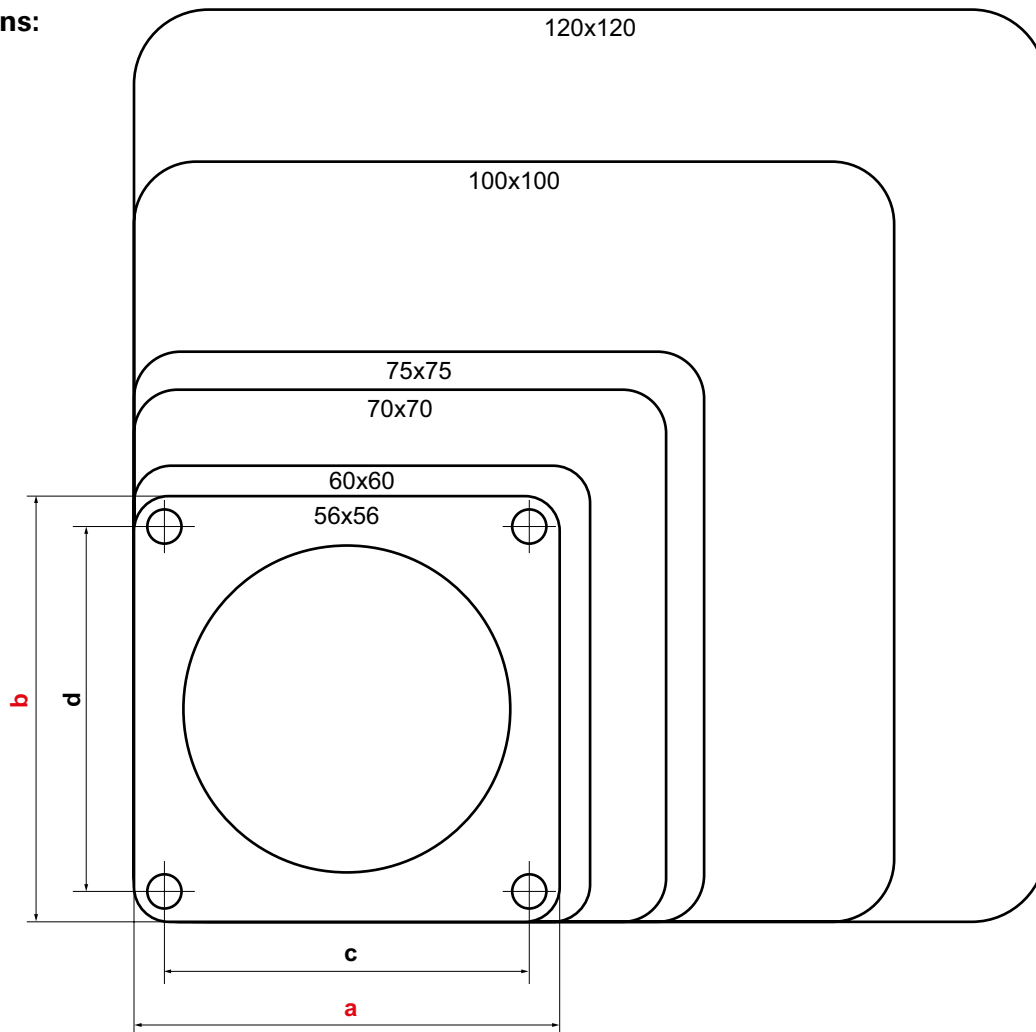
Positioning table (in mm):

Amp.	Poles	E1	L2	L3 (IP44)	L3 (IP67)	T	V
16	3	29-31	≥75	40-41	37-38	≥4	≥8
16	4	33-35	≥80	46-47	43-44	≥5	≥8
16	5	37-39	≥90	52-53	49-50	≥7	≥8
32	3	39-41	≥90	53-54	50-51	≥7	≥8
32	4	39-41	≥90	53-54	50-51	≥7	≥8
32	5	44-46	≥105	58,5-60	55,5-57	≥8	≥9

For correct use a locking device has to be provided (see illustration).

Flanged plugs straight

Dimensions:



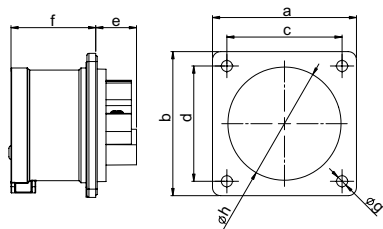
Versions:

Flange		Fixing center		page	16A			32A			63A			125A		
a	b	c	d	#	3p	4p	5p	3p	4p	5p	3p	4p	5p	3p	4p	5p
56	56	48	48	34-35	IP44*	IP44										
60	60	50	50	34-35	IP44*	IP44	IP44*									
70	70	56	56	34-35	IP44*	IP44	IP44*	IP44	IP44*	IP44*						
75	75	60	60	36-37			IP44*			IP44*						
					IP67*	IP67	IP67*	IP67	IP67*	IP67*						
100	100	80	80	40-41							IP44	IP44	IP44			
											IP67	IP67	IP67			
120	120	100	100	40-41										IP67	IP67	IP67

* also available in screwless connection technology (TT) **TURBO** click **TERMINAL**

CEE Flanged plugs

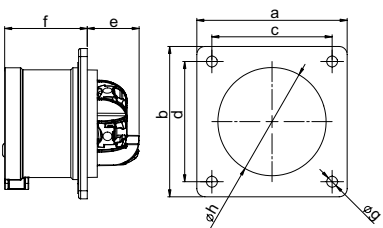
Flanged plug straight IP44



	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	21	21	20	21	21	21
f [mm]	42	42	42	51	51	51
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	43	55	55	55	55
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	86	101	118	125	145	165

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 615-6v
- According to EN 60309: For correct use a locking device has to be provided (see page 10)

IP44 splashproof

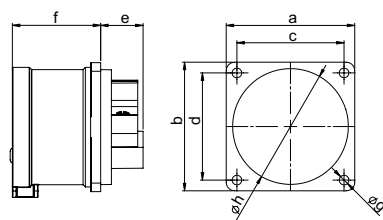


Flanged plug straight IP44 TT

	16 Amp		32 Amp	
Poles	3	5	4	5
Flange a x b [mm]	70	70	70	70
Fixing center c x d [mm]	56	56	56	56
e [mm]	26	26	29	29
f [mm]	42	42	51	51
g [mm]	5,5	5,5	5,5	5,5
h [mm]	43	55	55	55
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Weight [g]	89	122	151	172

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 615-6TTv
- According to EN 60309: For correct use a locking device has to be provided (see page 10)

IP44 splashproof

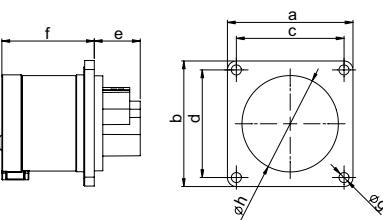


Flanged plug straight IP44

	16 Amp		
Poles	3	4	5
Flange a x b [mm]	60	60	60
Fixing center c x d [mm]	50	50	50
e [mm]	21	21	20
f [mm]	42	42	42
g [mm]	4,5	4,5	4,5
h [mm]	43	43	55
Wire flexible [mm²]	1-2,5		
Wire solid [mm²]	1-4		
Contact screws [Ncm]	100		
Weight [g]	78	93	109

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 615-6f3v
- According to EN 60309: For correct use a locking device has to be provided (see page 10)

IP44 splashproof



Flanged plug straight IP44

	16 Amp	
Poles	3	4
Flange a x b [mm]	56	56
Fixing center c x d [mm]	48	48
e [mm]	21	21
f [mm]	42	42
g [mm]	4,5	4,5
h [mm]	43	43
Wire flexible [mm²]	1-2,5	
Wire solid [mm²]	1-4	
Contact screws [Ncm]	100	
Weight [g]	76	91

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 615-6f3v
- According to EN 60309: For correct use a locking device has to be provided (see page 10)

IP44 splashproof

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
flange 70 x 70 - fixing center 56 x 56								
16	3	10	613-4	613-6	613-9	613-7	613-10	613-2
16	4	10	614-4	614-9	614-6	614-7	614-10	614-2
16	5	10	615-4	615-9	615-6	615-7	615-10	615-2
32	3	10	623-4	623-6	623-9	623-7	623-10	623-2
32	4	10	624-4	624-9	624-6	624-7	624-10	624-2
32	5	10	625-4	625-9	625-6	625-7	625-10	625-2



625-6

flange 70 x 70 - fixing center 56 x 56					
16	3	10	613-4TT	613-6TT	613-9TT
16	5	10	615-4TT	615-9TT	615-6TT
32	4	10	624-4TT	624-9TT	624-6TT
32	5	10	625-4TT	625-9TT	625-6TT



613-4TT

flange 60 x 60 - fixing center 50 x 50								
16	3	10	613-4f6	613-6f6	613-9f6	613-7f6	613-10f6	613-2f6
16	4	10	614-4f6	614-9f6	614-6f6	614-7f6	614-10f6	614-2f6
16	5	10	615-4f6	615-9f6	615-6f6	615-7f6	615-10f6	615-2f6



613-6f6

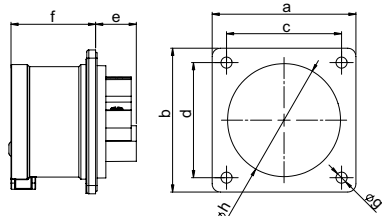
flange 56 x 56 - fixing center 48 x 48								
16	3	10	613-4f3	613-6f3	613-9f3	613-7f3	613-10f3	613-2f3
16	4	10	614-4f3	614-9f3	614-6f3	614-7f3	614-10f3	614-2f3



614-6f3



CEE Flanged plugs

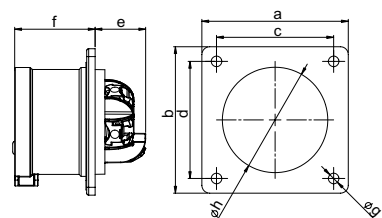


Flanged plug straight IP44

	16 Amp		32 Amp	
Poles		5		5
Flange a x b [mm]		75		75
Fixing center c x d [mm]		60		60
e [mm]		20		21
f [mm]		42		51
g [mm]		5,5		5,5
h [mm]		55		55
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]		121		170

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 615-6f7v
- According to EN 60309: For correct use a locking device has to be provided (see page 10)

IP44 splashproof

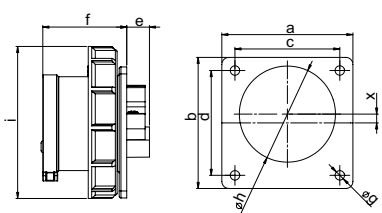


Flanged plug straight IP44 TT

	16 Amp		32 Amp	
Poles		5		5
Flange a x b [mm]		75		75
Fixing center c x d [mm]		60		60
e [mm]		26		29
f [mm]		42		51
g [mm]		5,5		5,5
h [mm]		55		55
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Weight [g]		126		178

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 615-6TTf7v
- According to EN 60309: For correct use a locking device has to be provided (see page 10)

IP44 splashproof

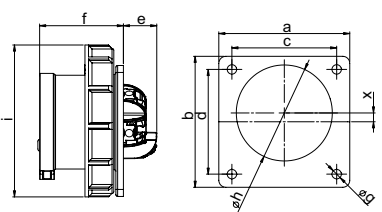


Flanged plug straight IP67

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	75	75	75	75	75	75
Fixing center c x d [mm]	60	60	60	60	60	60
e [mm]	15	14	13	14	15	14
f [mm]	48	48	48	58	58	58
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	44	55	55	55	55
i [mm]	71	79	87	93	93	100
x [mm]	11,3	6	5	4,5	4,5	0
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	109	131	150	167	188	214

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 6152-6v
- According to EN 60309: For correct use a locking device has to be provided (see page 10)
- for 16A 3p till 32A 4p the plug is placed off centered for keeping the standards

IP67 watertight



Flanged plug straight IP67 TT

	16 Amp			32 Amp		
Poles	3		5	4		5
Flange a x b [mm]	75		75	75		75
Fixing center c x d [mm]	60		60	60		60
e [mm]	20		20	21		21
f [mm]	48		48	58		58
g [mm]	5,5		5,5	5,5		5,5
h [mm]	43		55	55		55
i [mm]	71		87	93		100
x [mm]	11,3		5	4,5		0
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	111		154	194		222

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 6152-6ttv
- According to EN 60309: For correct use a locking device has to be provided (see page 10)
- for 16A 3p, 16A 5p and 32A 4p the plug is placed off centered for keeping the standards

IP67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50– 500V~	>50– 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
flange 75 x 75 - fixing center 60 x 60								
16	5	10	615-4f7	615-9f7	615-6f7	615-7f7	615-10f7	615-2f7
32	5	10	625-4f7	625-9f7	625-6f7	625-7f7	625-10f7	625-2f7



615-6f7

flange 75 x 75 - fixing center 60 x 60								
16	5	10	615-4TTf7	615-9TTf7	615-6TTf7			
32	5	10	625-4TTf7	625-9TTf7	625-6TTf7			

TURBO
TERMINAL



615-6TTf7

flange 75 x 75 - fixing center 60 x 60								
16	3	10	6132-4	6132-6	6132-9	6132-7	6132-10	6132-2
16	4	10	6142-4	6142-9	6142-6	6142-7	6142-10	6142-2
16	5	10	6152-4	6152-9	6152-6	6152-7	6152-10	6152-2
32	3	10	6232-4	6232-6	6232-9	6232-7	6232-10	6232-2
32	4	10	6242-4	6242-9	6242-6	6242-7	6242-10	6242-2
32	5	10	6252-4	6252-9	6252-6	6252-7	6252-10	6252-2



6152-6

flange 75 x 75 - fixing center 60 x 60								
16	3	10	6132-4TT	6132-6TT	6132-9TT			
16	5	10	6152-4TT	6152-9TT	6152-6TT			
32	4	10	6242-4TT	6242-9TT	6242-6TT			
32	5	10	6252-4TT	6252-9TT	6252-6TT			

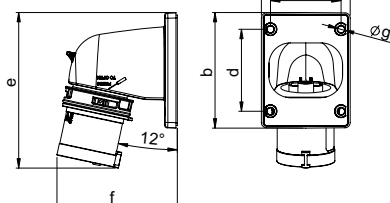
TURBO
TERMINAL



6252-6TT



CEE Flanged plugs



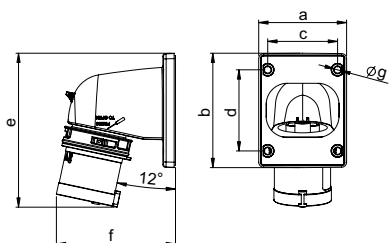
Flanged plug angled IP44

TWIST

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	66	66	90	90	90	90
b [mm]	86	86	100	100	100	100
c [mm]	53	53	77	77	77	77
d [mm]	61	61	85	85	85	85
e [mm]	116	117	153	163	163	164
f [mm]	90	93	98	100	100	103
g [mm]	5	5	5	5	5	5
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	126	144	190	200	220	247

- with screw terminals
- housing material: PC/ABS
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 77715-6v

IP44 splashproof



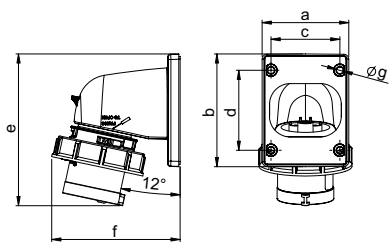
Flanged plug angled IP44

TWIST TT

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	66	66	90	90	90	90
b [mm]	86	86	100	100	100	100
c [mm]	53	53	77	77	77	77
d [mm]	61	61	85	85	85	85
e [mm]	116	117	153	163	163	164
f [mm]	90	93	98	100	100	103
g [mm]	5	5	5	5	5	5
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	129	148	193	204	225	256

- screwless connection technology
- housing material: PC/ABS
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 77715-6TTv

IP44 splashproof



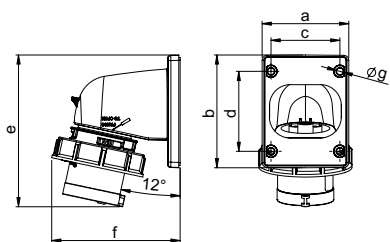
Flanged plug angled IP67

TWIST

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	66	66	90	90	90	90
b [mm]	86	86	100	100	100	100
c [mm]	53	53	77	77	77	77
d [mm]	61	61	85	85	85	85
e [mm]	116	117	153	163	163	164
f [mm]	99	103	107	110	110	114
g [mm]	5	5	5	5	5	5
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	146	168	219	240	260	291

- with screw terminals
- housing material: PC/ABS
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 777152-6v

IP67 watertight



Flanged plug angled IP67

TWIST TT

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	66	66	90	90	90	90
b [mm]	86	86	100	100	100	100
c [mm]	53	53	77	77	77	77
d [mm]	61	61	85	85	85	85
e [mm]	116	117	153	163	163	164
f [mm]	99	103	107	110	110	114
g [mm]	5	5	5	5	5	5
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	149	172	228	244	266	303

- screwless connection technology
- housing material: PC/ABS
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 777152-6TTv

IP67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	10	77713-4	77713-6	77713-9	77713-7	77713-10	77713-2
16	4	10	77714-4	77714-9	77714-6	77714-7	77714-10	77714-2
16	5	10	77715-4	77715-9	77715-6	77715-7	77715-10	77715-2
32	3	5	77723-4	77723-6	77723-9	77723-7	77723-10	77723-2
32	4	5	77724-4	77724-9	77724-6	77724-7	77724-10	77724-2
32	5	5	77725-4	77725-9	77725-6	77725-7	77725-10	77725-2



77713-6

16	3	10	77713-4TT	77713-6TT	77713-9TT			
16	4	10	77714-4TT	77714-9TT	77714-6TT			
16	5	10	77715-4TT	77715-9TT	77715-6TT			
32	3	5	77723-4TT	77723-6TT	77723-9TT			
32	4	5	77724-4TT	77724-9TT	77724-6TT			
32	5	5	77725-4TT	77725-9TT	77725-6TT			



77713-6TT

16	3	10	777132-4	777132-6	777132-9	777132-7	777132-10	777132-2
16	4	10	777142-4	777142-9	777142-6	777142-7	777142-10	777142-2
16	5	5	777152-4	777152-9	777152-6	777152-7	777152-10	777152-2
32	3	5	777232-4	777232-6	777232-9	777232-7	777232-10	777232-2
32	4	5	777242-4	777242-9	777242-6	777242-7	777242-10	777242-2
32	5	5	777252-4	777252-9	777252-6	777252-7	777252-10	777252-2



777132-6

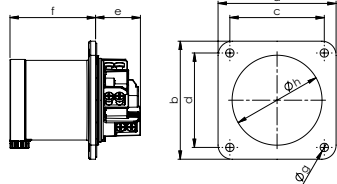
16	3	10	777132-4TT	777132-6TT	777132-9TT			
16	4	10	777142-4TT	777142-9TT	777142-6TT			
16	5	5	777152-4TT	777152-9TT	777152-6TT			
32	3	5	777232-4TT	777232-6TT	777232-9TT			
32	4	5	777242-4TT	777242-9TT	777242-6TT			
32	5	5	777252-4TT	777252-9TT	777252-6TT			



777152-6TT



CEE Flanged plugs



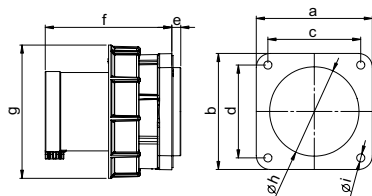
Flanged plug straight IP44

POWER TWIST

	63 Amp		
Poles	3	4	5
Flange a x b [mm]	100	100	100
Fixing center c x d [mm]	80	80	80
e [mm]	39	39	39
f [mm]	73	73	73
g [mm]	7	7	7
h [mm]	77	77	77
Wire flexible [mm ²]	6-16		
Wire solid [mm ²]	6-25		
Contact screws [Ncm]	200		
Weight [g]	328	378	427

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- for dust cover see accessories on page 50

IP44 splashproof



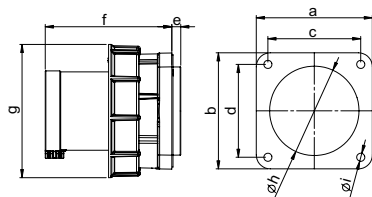
Flanged plug straight IP66/67

POWER TWIST

	63 Amp		
Poles	3	4	5
Flange a x b [mm]	100	100	100
Fixing center c x d [mm]	80	80	80
e [mm]	8	8	8
f [mm]	109	109	109
g [mm]	115	115	115
h [mm]	77	77	77
i [mm]	7	7	7
Wire flexible [mm ²]	6-16		
Wire solid [mm ²]	6-25		
Contact screws [Ncm]	200		
Weight [g]	479	531	570

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- for waterproof cover see accessories on page 50

IP66/67 watertight



Flanged plug straight IP66/67

POWER TWIST

	125 Amp		
Poles	3	4	5
Flange a x b [mm]	120	120	120
Fixing center c x d [mm]	100	100	100
e [mm]	13	13	13
f [mm]	118	118	118
g [mm]	131	131	131
h [mm]	95	95	95
i [mm]	7	7	7
Wire flexible [mm ²]	16-50		
Wire solid [mm ²]	16-70		
Contact screws [Ncm]	450		
Weight [g]	786	891	998

- contact frame with hexagon socket screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- for waterproof cover see accessories on page 50

IP66/67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

flange 100 x 100 - fixing center 80 x 80								
63	3	2	6331-4k	6331-6k	6331-9k	6331-7k	6331-10k	6331-2k
63	4	2	6341-4k	6341-9k	6341-6k	6341-7k	6341-10k	6341-2k
63	5	2	6351-4k	6351-9k	6351-6k	6351-7k	6351-10k	6351-2k



6351-6k

flange 100 x 100 - fixing center 80 x 80								
63	3	2	633-4	633-6	633-9	633-7	633-10	633-2
63	4	2	634-4	634-9	634-6	634-7	634-10	634-2
63	5	2	635-4	635-9	635-6	635-7	635-10	635-2



635-6

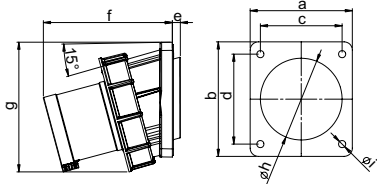
flange 120 x 120 - fixing center 100 x 100								
125	3	2	643-4	643-6	643-9	643-7	643-10	643-2
125	4	2	644-4	644-9	644-6	644-7	644-10	644-2
125	5	2	645-4	645-9	645-6	645-7	645-10	645-2



645-6



CEE Flanged plugs



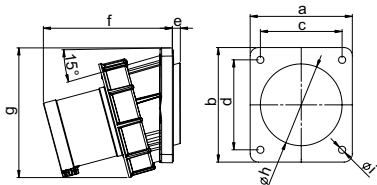
Flanged plug sloping IP66/67

POWER TWIST

Poles	63 Amp		
	3	4	5
a [mm]	100	100	100
b [mm]	112	112	112
c [mm]	80	80	80
d [mm]	88	88	88
e [mm]	8	8	8
f [mm]	127	127	127
g [mm]	127	127	127
h [mm]	80	80	80
i [mm]	7	7	7
Wire flexible [mm²]	6-16		
Wire solid [mm²]	6-25		
Contact screws [Ncm]	200		
Weight [g]	515	566	608

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- for waterproof cover see accessories on page 50

IP66/67 watertight



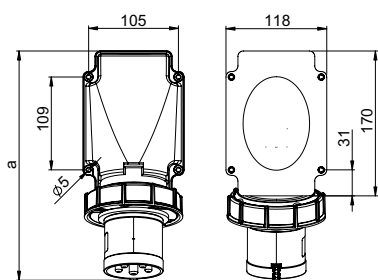
Flanged plug sloping IP66/67

POWER TWIST

Poles	125 Amp		
	3	4	5
a [mm]	120	120	120
b [mm]	130	130	130
c [mm]	100	100	100
d [mm]	108	108	108
e [mm]	8	8	8
f [mm]	139	139	139
g [mm]	145	145	145
h [mm]	100	100	100
i [mm]	7	7	7
Wire flexible [mm²]	16-50		
Wire solid [mm²]	16-70		
Contact screws [Ncm]	450		
Weight [g]	833	942	1044

- contact frame with hexagon socket screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- for waterproof cover see accessories on page 50

IP66/67 watertight



angle=15°

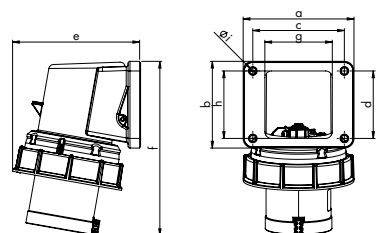
Flanged plug IP66/67

POWER TWIST

Poles	63 Amp		
	3	4	5
a [mm]	271	271	271
Height [mm]	124	124	124
Wire flexible [mm²]	6-16		
Wire solid [mm²]	6-25		
Contact screws [Ncm]	200		
Weight [g]	653	704	746

- contact frame with screws
- housing material: PC/ABS
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- for waterproof cover and cable-glands see accessories page 50
- rear entry
- incl. flange gasket

IP66/67 watertight



Flanged plug compact IP66/67

POWER TWIST

Poles	63 Amp		
	3	4	5
a [mm]	116	116	116
b [mm]	91	91	91
c [mm]	95	95	95
d [mm]	70	70	70
e [mm]	132	132	132
f [mm]	181	181	181
g [mm]	70	70	70
h [mm]	70	70	70
Ø i [mm]	6,5	6,5	6,5
Wire flexible [mm²]	6-16		
Wire solid [mm²]	6-25		
Contact screws [Ncm]	200		
Weight [g]	547	598	640

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- for waterproof cover and cable-glands see accessories page 50
- rear entry
- incl. flange gasket

IP66/67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

flange 100 x 112 - fixing center 80 x 88								
63	3	2	733-4	733-6	733-9	733-7	733-10	733-2
63	4	2	734-4	734-9	734-6	734-7	734-10	734-2
63	5	2	735-4	735-9	735-6	735-7	735-10	735-2



735-6

flange 120 x 130 - fixing center 100 x 108								
125	3	2	743-4	743-6	743-9	743-7	743-10	743-2
125	4	2	744-4	744-9	744-6	744-7	744-10	744-2
125	5	2	745-4	745-9	745-6	745-7	745-10	745-2



745-6

flange 118 x 170 - fixing center 105 x 109								
63	3	2	77733-4	77733-6	77733-9	77733-7	77733-10	77733-2
63	4	2	77734-4	77734-9	77734-6	77734-7	77734-10	77734-2
63	5	2	77735-4	77735-9	77735-6	77735-7	77735-10	77735-2



77735-6

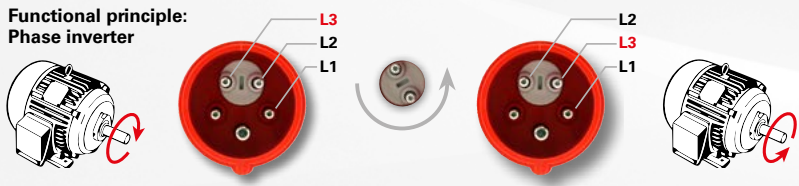
flange 116 x 91 - fixing center 95 x 70								
63	3	2	77733-4k	77733-6k	77733-9k	77733-7k	77733-10k	77733-2k
63	4	2	77734-4k	77734-9k	77734-6k	77734-7k	77734-10k	77734-2k
63	5	2	77735-4k	77735-9k	77735-6k	77735-7k	77735-10k	77735-2k



77735-6k



Functional principle:
Phase inverter



CEE Phase inverters

Phase inverter plug IP44

SHARK

	16 Amp		32 Amp	
Poles	4	5	4	5
a [mm]	128	134	150	155
b [mm]	92	98	104	109
c [mm]	53	61	63	70
K_cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]	42	42	50	50
Weight [g]	131	154	204	236

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP44 splashproof

Phase inverter plug IP44

SHARK TT

	16 Amp		32 Amp	
Poles		5		5
a [mm]		134		155
b [mm]		98		109
c [mm]		61		70
K_cable Ø [mm]		8-16		11,5-22
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]		42		50
Weight [g]		156		237

- L1, N, PE = screwless connection terminals
- L2, L3 = screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP44 splashproof

Phase inverter plug IP67

SHARK

	16 Amp		32 Amp	
Poles	4	5	4	5
a [mm]	128	134	150	155
b [mm]	79	87	93	100
K_cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]	42	42	50	50
Weight [g]	153	183	245	280

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP66/67 watertight

Phase inverter plug IP44/54

GRIP

	16 Amp		32 Amp	
Poles		5		5
a [mm]		157		182
b [mm]		117		134
c [mm]		61		70
d [mm]		79		93
K_cable Ø [mm]		8-16		11,5-22
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]		42		50
Weight [g]		180		273

- with screw terminals
- housing material: 2-components (PA6 / TPE)
- contacts: nickel-plated contacts

IP44/54 splashproof

Phase inverter plug IP44/54

GRIP TT

	16 Amp		32 Amp	
Poles		5		5
a [mm]		157		182
b [mm]		117		134
c [mm]		61		70
d [mm]		79		93
K_cable Ø [mm]		8-16		11,5-22
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]		42		50
Weight [g]		183		279

- L1, N, PE = screwless connection terminals
- L2, L3 = screw terminals
- housing material: 2-components (PA6 / TPE)
- contacts: nickel-plated contacts

IP44/54 splashproof

70153-6TT

			230V~	400V~
			50/60Hz	50/60Hz
			4p=9h	4p+5p=6h
			Cat.No.	Cat.No.

Amp.	Poles	pack. unit
16	5	10
16	5	10
32	4	10
32	4	10
32	5	10
32	5	10

	7715-6
	7715-6d
7724-9	7724-6
7724-9d	7724-6d
	7725-6
	7725-6d

with cap

with cap

with cap



7715-6

16	5	5
32	4	5
32	5	5

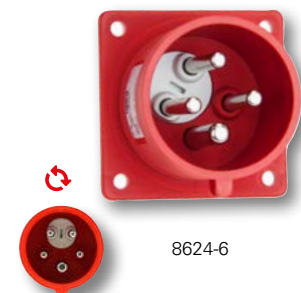
	77152-6k
77242-9k	77242-6k
	77252-6k



77152-6k

flange 70 x 70 - fixing center 56 x 56		
16	5	10
32	4	10
32	5	10

	8615-6
8624-9	8624-6
	8625-6



8624-6

flange 75 x 75 - fixing center 60 x 60		
16	5	10
32	4	10
32	5	10

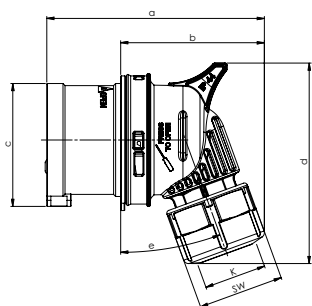
	86152-6
86242-9	86242-6
	86252-6



86152-6



CEE Phase inverters

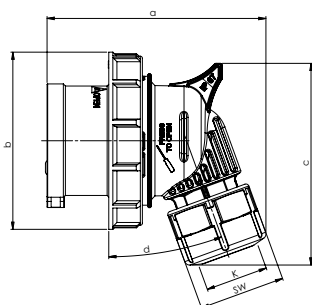


Phase inverter - Angled plug IP44 TWIST

	16 Amp		32 Amp	
Poles	4	5	4	5
a [mm]	98	108	127	135
b [mm]	62	71	82	90
c [mm]	53	61	63	70
d [mm]	87	99	111	114
e [°]	15	20	25	25
K cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]	38	42	50	50
Weight [g]	128	150	181	237

- with screw terminals
- housing material
16/4: PA6
16/5, 32/4, 32/5: PC/ABS
- contacts: nickel-plated contacts

IP44 splashproof

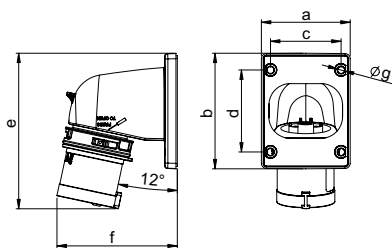


Phase inverter - Angled plug IP67 TWIST

	16 Amp		32 Amp	
Poles	4	5	4	5
a [mm]	98	108	127	135
b [mm]	62	71	93	90
c [mm]	53	61	111	70
d [°]	15	20	25	25
K cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]	38	42	50	50
Weight [g]	152	180	188	281

- with screw terminals
- housing material
16/4: PA6
16/5, 32/4, 32/5: PC/ABS
- contacts: nickel-plated contacts

IP67 watertight



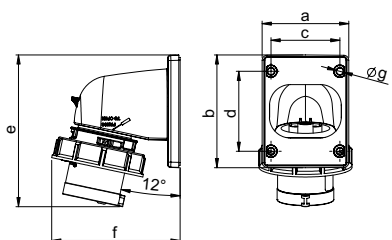
Phase inverter - Flanged plug angled IP44

TWIST

	16 Amp		32 Amp	
Poles	4	5	4	5
a [mm]	66	90	90	90
b [mm]	86	100	100	100
c [mm]	53	77	77	77
d [mm]	61	85	85	85
e [mm]	117	153	163	164
f [mm]	93	98	100	103
g [mm]	5	5	5	5
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
Weight [g]	147	190	222	249

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts

IP44 splashproof



Phase inverter - Flanged plug angled IP67

TWIST

	16 Amp		32 Amp	
Poles	4	5	4	5
a [mm]	66	90	90	90
b [mm]	86	100	100	100
c [mm]	53	77	77	77
d [mm]	61	85	85	85
e [mm]	117	153	163	164
f [mm]	103	107	110	114
g [mm]	5	5	5	5
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
Weight [g]	171	225	261	297

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts

IP67 watertight

			230V~	400V~
			50/60Hz	50/60Hz
			4p=9h	4p+5p=6h
			Cat.No.	Cat.No.

Amp.	Poles	pack. unit
16	4	10
16	5	10
32	4	10
32	5	10

7414-9	7414-6
	7415-6
7424-9	7424-6
	7425-6



16	4	10
16	5	10
32	4	10
32	5	10

74142-9	74142-6
	74152-6
	74242-6
	74252-6



16	4	10
16	5	5
32	4	5
32	5	5

77814-9	77814-6
	77815-6
77824-9	77824-6
	77825-6

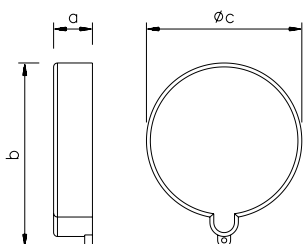


16	4	10
16	5	5
32	4	5
32	5	5

778142-9	778142-6
	778152-6
778242-9	778242-6
	778252-6



Accessories



Dust cap 16A and 32A

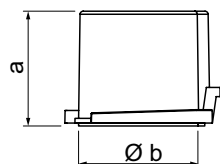
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	15	15	15	15	15	15
b [mm]	56	63	71	71	71	79
c [mm]	48	54	61	61	61	67
Weight [g]	10	12	14	14	14	16

- for plugs and appliance plugs to protect contacts against dust
- material: TPE/PP

Dust cap 63A and 125A

Poles	63 Amp			125 Amp		
	3	4	5	3	4	5
a [mm]	21	21	21	21	21	21
b [mm]	82	82	82	93	93	93
c [mm]	73	73	73	86	86	86
Weight [g]	21	21	21	25	25	25

- for plugs and appliance plugs to protect contacts against dust
- material: TPE/PP

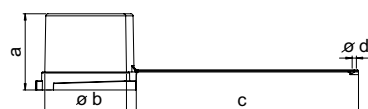


Water protection cap 16A and 32A

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	40	40	40	50	50	50
b [mm]	48	54	62	62	62	69
Weight [g]	16	19	26	27	27	33

- for 16 and 32A plugs and appliance plugs
- material: PC/ABS
- color: grey
- incl. nylon band (appr. 220mm)

IP67 watertight



Water protection cap 63A and 125A

Poles	63 Amp			125 Amp		
	3	4	5	3	4	5
a [mm]	72	72	72	82	82	82
b [mm]	78	78	78	91	91	91
c [mm]	211	211	211	205	205	205
d [mm]	4	4	4	5	5	5
Weight [g]	75	75	75	98	98	98

- for plugs and appliance plugs
- material 63A: Polypropylen
- material 125A: Polyamide PA6

IP67 watertight



Special tool for plug- and connector cable gland nuts

Note: Consider rated torques- see page 12

SHARK / GRIP 16/32A

wrench open, L=215mm

711632

POWER TWIST 63/125A

wrench open, L=313mm

7163125

NAUTILUS / Top Taurus

wrench open, L=206mm

711633

TWIST 16/3 / Extra Low Voltage

wrench open, L=204mm

71163062

Amp.	Poles	pack. unit	Cat.No.	Amp.	Poles	pack. unit	Cat.No.
16	3		ts613g	63	3	}	ts635g
16	4		ts614g	63	4		
16	5		ts615g	63	5		
32	3	}	ts623g	125	3	}	ts645g
32	4		ts625g	125	4		
32	5			125	5		



16	3	10	20163
16	4	10	20164
16	5	10	20165
32	3	10	203234
32	4	10	
32	5	10	20325



0152-6TT + 20165



63	3	}	ts7632g
63	4		
63	5		
125	3	}	ts1252g
125	4		
125	5		



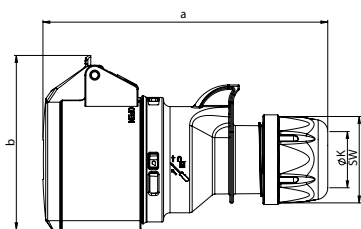
Cable gland IP68, black

Note: For entries without threads, marked by „Ø“, the appropriate lock nuts should be used!

size	thread length	cable diameter	Cat.No.	pack unit
M20 x 1,5	15 mm	10-14 mm	23201515120	50
M25 x 1,5	15 mm	13-18 mm	23251515140	50
M32 x 1,5	15 mm	18-25 mm	23321515200	25
M40 x 1,5	18 mm	22-32 mm	23401518260	10
M50 x 1,5	18 mm	30-38 mm	23501518310	5
M63 x 1,5	18 mm	34-44 mm	23631518350	5
M40 x 1,5	Lock nut, brass nickel coated		264015009	50
M50 x 1,5	Lock nut, brass nickel coated		265015009	50



CEE Connectors



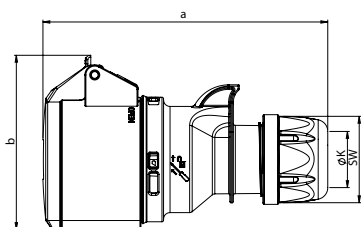
Connector IP44

SHARK

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	133	138	145	161	161	168
b [mm]	74	82	89	94	94	99
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	134	161	188	228	244	270

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 215-6v

IP44 splashproof



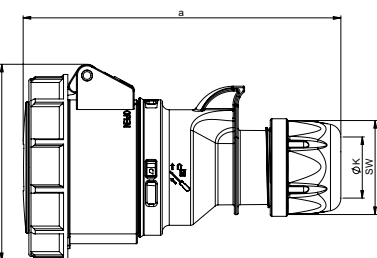
Connector IP44

SHARK TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	133	138	145	161	161	168
b [mm]	74	82	89	94	94	99
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
SW [mm]	42	42	42	50	50	50
Weight [g]	136	161	193	228	243	271

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 215-6TTv

IP44 splashproof



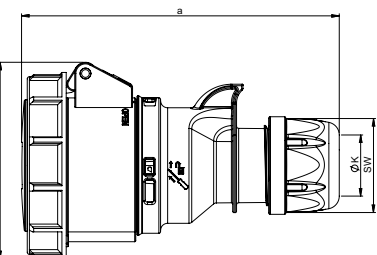
Connector IP66/67

SHARK

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	132	139	147	163	163	171
b [mm]	78	84	92	96	96	102
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	155	186	227	275	292	338

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 2152-6v

IP66/67 watertight



Connector IP66/67

SHARK TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	132	139	147	163	163	171
b [mm]	78	84	92	96	96	102
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
SW [mm]	42	42	42	50	50	50
Weight [g]	157	187	231	275	291	339

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 2152-6TTv

IP66/67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	10	213-4	213-6	213-9	213-7	213-10	213-2
16	4	10	214-4	214-9	214-6	214-7	214-10	214-2
16	5	10	215-4	215-9	215-6	215-7	215-10	215-2
32	3	10	223-4	223-6	223-9	223-7	223-10	223-2
32	4	10	224-4	224-9	224-6	224-7	224-10	224-2
32	5	10	225-4	225-9	225-6	225-7	225-10	225-2



215-6

16	3	10	213-4TT	213-6TT	213-9TT
16	4	10	214-4TT	214-9TT	214-6TT
16	5	10	215-4TT	215-9TT	215-6TT
32	3	10	223-4TT	223-6TT	223-9TT
32	4	10	224-4TT	224-9TT	224-6TT
32	5	10	225-4TT	225-9TT	225-6TT



215-6TT

16	3	10	2132-4	2132-6	2132-9	2132-7	2132-10	2132-2
16	4	10	2142-4	2142-9	2142-6	2142-7	2142-10	2142-2
16	5	10	2152-4	2152-9	2152-6	2152-7	2152-10	2152-2
32	3	10	2232-4	2232-6	2232-9	2232-7	2232-10	2232-2
32	4	10	2242-4	2242-9	2242-6	2242-7	2242-10	2242-2
32	5	10	2252-4	2252-9	2252-6	2252-7	2252-10	2252-2



2252-6

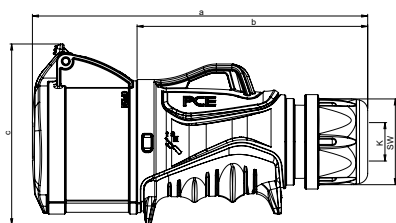
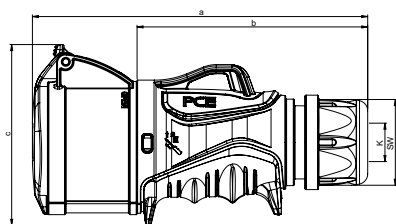
16	3	10	2132-4TT	2132-6TT	2132-9TT
16	4	10	2142-4TT	2142-9TT	2142-6TT
16	5	10	2152-4TT	2152-9TT	2152-6TT
32	3	10	2232-4TT	2232-6TT	2232-9TT
32	4	10	2242-4TT	2242-9TT	2242-6TT
32	5	10	2252-4TT	2252-9TT	2252-6TT



2252-6TT



CEE Connectors



Connector IP44/54

GRIP

	16 Amp	32 Amp
Poles	5	5
a [mm]	168	194
b [mm]	117	134
c [mm]	93	105
K_cable Ø [mm]	8-16	11,5-22
Wire flexible [mm²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	211	313

- with screw terminals
- housing material: 2-components (PA6 / TPE)
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 2153-6v

IP44/54 splashproof

Connector IP44/54

GRIP TT

	16 Amp	32 Amp
Poles	5	5
a [mm]	168	194
b [mm]	117	134
c [mm]	93	105
K_cable Ø [mm]	8-16	11,5-22
Wire flexible [mm²]	1-2,5	2,5-6
SW [mm]	42	50
Weight [g]	216	315

- screwless connection technology
- housing material: 2-components (PA6 / TPE)
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 2153-6TTv

IP44/54 splashproof

STANDARD

with screw terminals



TURBO TERMINAL

screwless connection technology



TURBO clicks
TERMINAL

MIDNIGHT

also available in „black“ with screw terminals



Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	5	10	2153-4	2153-9	2153-6			
32	5	10	2253-4	2253-9	2253-6			



2153-6

16	5	10	2153-4TT	2153-9TT	2153-6TT			
32	5	10	2253-4TT	2253-9TT	2253-6TT			



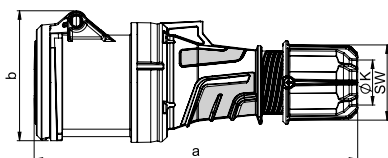
2253-6TT

MORE GRIP MORE „POWER“

The new CEE plugs and connectors with rubberized surfaces provide more safety and perfect grip for all applications



CEE Connectors



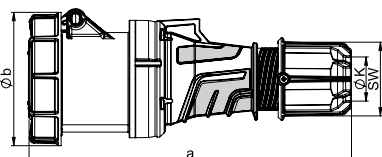
Connector IP44

POWER TWIST

Poles	63 Amp		
	3	4	5
a [mm]	269	269	269
b [mm]	107	107	107
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36
Wire flexible [mm²]	6-16		
Contact screws [Ncm]	200		
SW [mm]	61	61	61
Weight [g]	628	668	724

- contact frame with screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact add a „5“ e.g. 23351-6 (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 23361-6 (see page 8)

IP44 splashproof



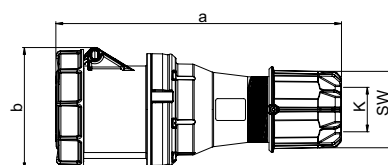
Connector IP66/67

POWER TWIST

Poles	63 Amp		
	3	4	5
a [mm]	269	269	269
b [mm]	114	114	114
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36
Wire flexible [mm²]	6-16		
Contact screws [Ncm]	200		
SW [mm]	61	61	61
Weight [g]	673	714	772

- contact frame with screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact add a „5“ e.g. 2335-6 (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 2336-6 (see page 8)

IP66/67 watertight



Connector IP66/67

POWER TWIST

Poles	125 Amp		
	3	4	5
a [mm]	287	287	287
b [mm]	124	124	124
K_cable Ø [mm]	22,5-50	22,5-50	22,5-50
Wire flexible [mm²]	16-50		
Contact screws [Ncm]	450		
SW [mm]	81	81	81
Weight [g]	1060	1167	1266

- contact frame with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact add a „5“ e.g. 2435-6 (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 2436-6 (see page 8)

IP66/67 watertight

**POWER
TWIST**



- ✓ Safety
- ✓ High impact resistance
- ✓ Optimum grip
- ✓ Large connection area
- ✓ Time saving

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
63	3	2	2331-4	2331-6	2331-9	2331-7	2331-10	2331-2
63	4	2	2341-4	2341-9	2341-6	2341-7	2341-10	2341-2
63	5	2	2351-4	2351-9	2351-6	2351-7	2351-10	2351-2



2351-6

63	3	2	233-4	233-6	233-9	233-7	233-10	233-2
63	4	2	234-4	234-9	234-6	234-7	234-10	234-2
63	5	2	235-4	235-9	235-6	235-7	235-10	235-2



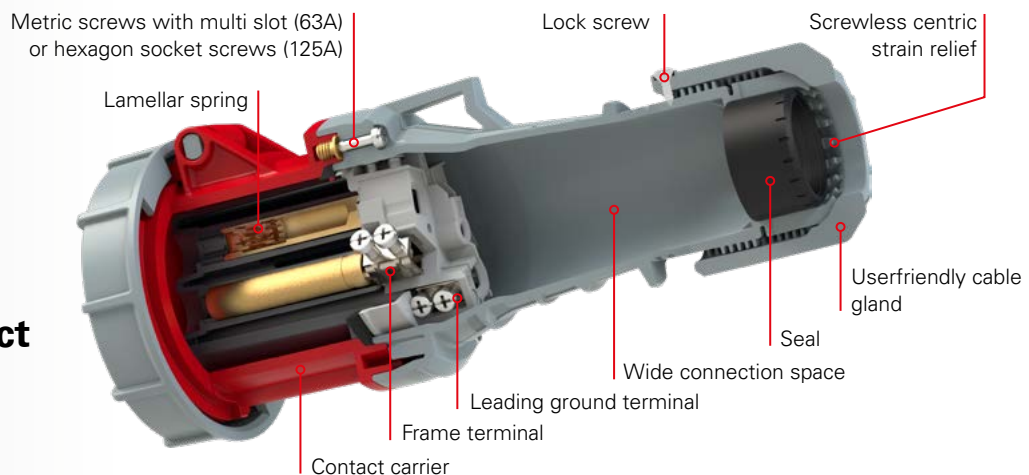
235-6

125	3	2	243-4	243-6	243-9	243-7	243-10	243-2
125	4	2	244-4	244-9	244-6	244-7	244-10	244-2
125	5	2	245-4	245-9	245-6	245-7	245-10	245-2



245-6

One contact
for extreme
environments





CEE WALL AND FLANGED SOCKETS

16A - 125A

CEE Wall and flanged sockets



Page

CEE Wall sockets

60



CEE Flanged sockets straight

72



CEE Flanged sockets sloping

87

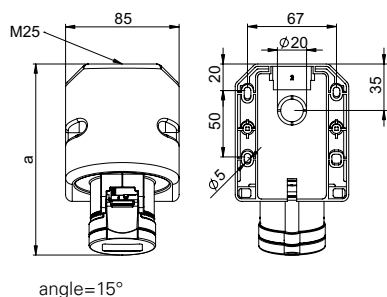


CEE Design-Sockets

100



CEE Wall sockets

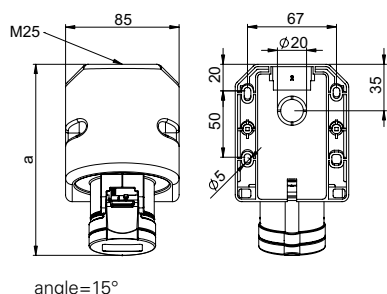


Wall socket IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	142	145	144	155	155	157
Height [mm]	97	98	104	106	106	111
M [mm]	25	25	25	25	25	25
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	226	240	259	274	291	318

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 115-6v
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

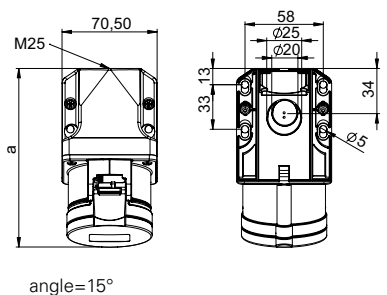


Wall socket IP44 TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	142	145	144	155	155	157
Height [mm]	97	98	104	106	106	111
M [mm]	25	25	25	25	25	25
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Weight [g]	228	240	264	274	290	319

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 115-6TTv
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

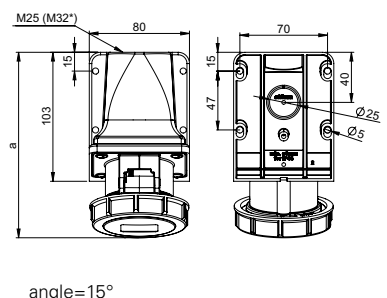


Wall socket IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	132	133	133	145	145	145
Height [mm]	94	97	100	103	103	107
M [mm]	25	25	25	25	25	25
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	202	214	233	249	365	292

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 115-6kv
 - to order Turbo Terminal design (screwless connection technology) please add a „TT“ e.g. 115-6kTT
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof



Wall socket IP67

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	146	148	148	161	161	163
Height [mm]	96	99	102	108	108	112
M* [mm]	25	25	25	25	25	25
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	226	241	275	298	314	351

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 1152-6v
 - to order Turbo Terminal design (screwless connection technology) please add a „TT“ e.g. 1152-6TT
- top and rear entry
- incl. threaded bung

IP67 watertight

*M32 optional on request available

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	10	113-4	113-6	113-9	113-7	113-10	113-2
16	4	10	114-4	114-9	114-6	114-7	114-10	114-2
16	5	10	115-4	115-9	115-6	115-7	115-10	115-2
32	3	10	123-4	123-6	123-9	123-7	123-10	123-2
32	4	10	124-4	124-9	124-6	124-7	124-10	124-2
32	5	10	125-4	125-9	125-6	125-7	125-10	125-2



113-6

16	3	10	113-4TT	113-6TT	113-9TT
16	4	10	114-4TT	114-9TT	114-6TT
16	5	10	115-4TT	115-9TT	115-6TT
32	3	10	123-4TT	123-6TT	123-9TT
32	4	10	124-4TT	124-9TT	124-6TT
32	5	10	125-4TT	125-9TT	125-6TT

TURBO click
TERMINAL



113-6TT

16	3	10	113-4k	113-6k	113-9k	113-7k	113-10k	113-2k
16	4	10	114-4k	114-9k	114-6k	114-7k	114-10k	114-2k
16	5	10	115-4k	115-9k	115-6k	115-7k	115-10k	115-2k
32	3	10	123-4k	123-6k	123-9k	123-7k	123-10k	123-2k
32	4	10	124-4k	124-9k	124-6k	124-7k	124-10k	124-2k
32	5	10	125-4k	125-9k	125-6k	125-7k	125-10k	125-2k



115-6k

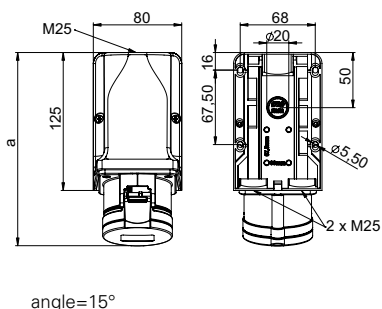
16	3	5	1132-4	1132-6	1132-9	1132-7	1132-10	1132-2
16	4	5	1142-4	1142-9	1142-6	1142-7	1142-10	1142-2
16	5	5	1152-4	1152-9	1152-6	1152-7	1152-10	1152-2
32	3	5	1232-4	1232-6	1232-9	1232-7	1232-10	1232-2
32	4	5	1242-4	1242-9	1242-6	1242-7	1242-10	1242-2
32	5	5	1252-4	1252-9	1252-6	1252-7	1252-10	1252-2



1152-6



CEE Wall sockets

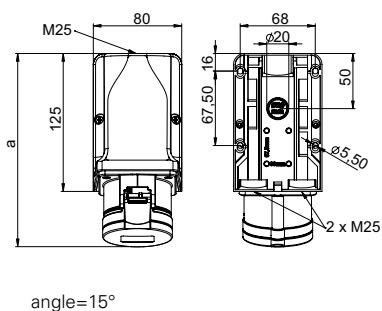


Wall socket IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	175	176	176	188	188	188
Height [mm]	127	130	133	136	136	141
M [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	291	304	322	338	355	382

- with screw terminals
- **housing for wiring through**
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 915-6v
 - to order Turbo Terminal design (screwless connection technology) please add a „TT“ e.g. 915-6TT
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof

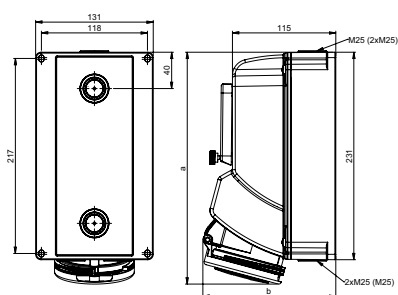


Wall socket IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	175	176	176	188	188	188
Height [mm]	127	130	133	136	136	141
M [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	315	336	362	362	387	422

- with screw terminals
- **housing for wiring through**
- **with terminals (3-pole) not wired**
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 915-6vv
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof



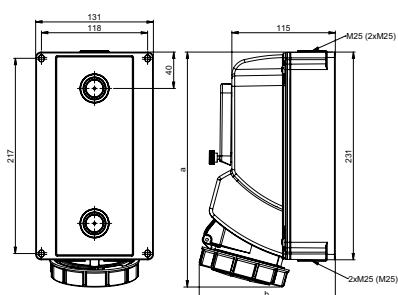
Wall socket with window IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	249	249	249	259	259	259
b [mm]	141	141	141	142	142	148
M* [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Weight [g]	917	922	967	972	985	1033

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- top, bottom or rear entry
- with DIN-rail
- window for 5 modules
- incl. threaded bung

IP44/54 splashproof

* Option: M32 or closed



Wall socket with window IP67

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	253	253	253	259	259	259
b [mm]	141	141	141	145	145	153
M* [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Weight [g]	952	957	1002	1007	1020	1068

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- top, bottom or rear entry
- with DIN-rail
- window for 5 modules
- incl. threaded bung

IP67 watertight

* Option: M32 or closed

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	5	913-4	913-6	913-9	913-7	913-10	913-2
16	4	5	914-4	914-9	914-6	914-7	914-10	914-2
16	5	5	915-4	915-9	915-6	915-7	915-10	915-2
32	3	5	923-4	923-6	923-9	923-7	923-10	923-2
32	4	5	924-4	924-9	924-6	924-7	924-10	924-2
32	5	5	925-4	925-9	925-6	925-7	925-10	925-2



915-6

16	3	5	913-4w	913-6w	913-9w	913-7w	913-10w	913-2w
16	4	5	914-4w	914-9w	914-6w	914-7w	914-10w	914-2w
16	5	5	915-4w	915-9w	915-6w	915-7w	915-10w	915-2w
32	3	5	923-4w	923-6w	923-9w	923-7w	923-10w	923-2w
32	4	5	924-4w	924-9w	924-6w	924-7w	924-10w	924-2w
32	5	5	925-4w	925-9w	925-6w	925-7w	925-10w	925-2w



913-6w

16	3	1	75133-4	75133-6	75133-9	75133-7
16	4	1	75143-4	75143-9	75143-6	75143-7
16	5	1	75153-4	75153-9	75153-6	75153-7
32	3	1	75233-4	75233-6	75233-9	75233-7
32	4	1	75243-4	75243-9	75243-6	75243-7
32	5	1	75253-4	75253-9	75253-6	75253-7



75253-6

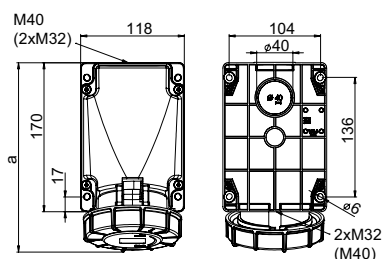
16	3	1	751323-4	751323-6	751323-9	751323-7
16	4	1	751423-4	751423-9	751423-6	751423-7
16	5	1	751523-4	751523-9	751523-6	751523-7
32	3	1	752323-4	752323-6	752323-9	752323-7
32	4	1	752423-4	752423-9	752423-6	752423-7
32	5	1	752523-4	752523-9	752523-6	752523-7



752523-6



CEE Wall sockets



angle=15°

Wall socket IP66/67

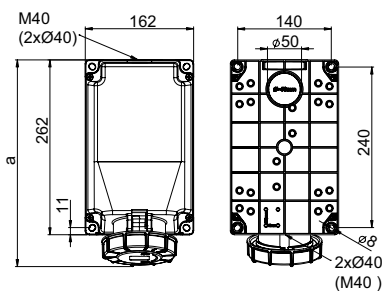
POWER TWIST

Poles	63 Amp		
	3	4	5
a [mm]	213	213	213
Height [mm]	173	173	173
Wire flexible [mm²]	6-16		
Wire solid [mm²]	6-25		
Contact screws [Ncm]	200		
Weight [g]	820	869	923

- contact frame with screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact add a „5“ e.g. 1335-6 (see page 8)
 - to order with pilot contact system (PCS) add a „6“ e.g. 1336-6 (see page 8)
- top, bottom or rear entry
- housing can be rotated by 180°
- incl. threaded bung
- cable-glands see accessories page 51

IP66/67 watertight

IP44 on request



angle=15°

Wall socket IP66/67

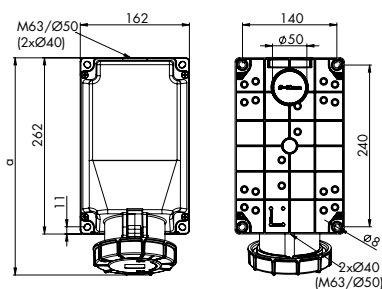
POWER TWIST

Poles	63 Amp		
	3	4	5
a [mm]	306	306	306
Height [mm]	195	195	195
Wire flexible [mm²]	6-16		
Wire solid [mm²]	6-25		
Contact screws [Ncm]	200		
Weight [g]	1360	1409	1463

- contact frame with screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact add a „5“ e.g. 13575-6 (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 13576-6 (see page 8)
- top, bottom or rear entry
- housing can be rotated by 180°
- incl. threaded bung
- cable-glands see accessories page 51

IP66/67 watertight

IP44 on request



angle=15°

Wall socket

IP66/67

POWER TWIST

Poles	125 Amp		
	3	4	5
a [mm]	322	322	322
Height [mm]	205	205	205
Wire flexible [mm²]	16-50		
Wire solid [mm²]	16-50		
Contact screws [Ncm]	450		
Weight [g]	1745	1752	1852

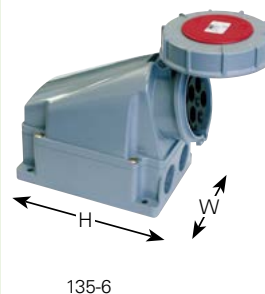
- contact frame with hexag socket screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact add a „5“ e.g. 1455-6 (see page 8)
 - to order with pilot contact system (PCS) add a „6“ e.g. 1456-6 (see page 8)
- top, bottom or rear entry
- housing can be rotated by 180°
- incl. threaded bung
- cable-glands see accessories page 51

IP66/67 watertight

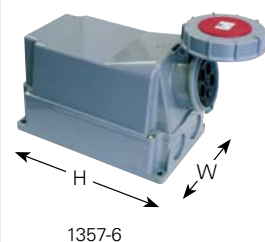
Advantages:

Housing can be rotated by 180° – the position of the cable entry can be chosen!

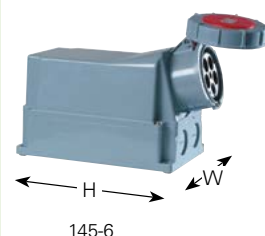
Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
Basic unit HxWxD = 170x118x173; 1xM40; 2xM32								
63	3	1	133-4	133-6	133-9	133-7	133-10	133-2
63	4	1	134-4	134-9	134-6	134-7	134-10	134-2
63	5	1	135-4	135-9	135-6	135-7	135-10	135-2



Basic unit HxWxD = 262x162x195; 1xM40; 2xØ40								
63	3	1	1337-4	1337-6	1337-9	1337-7	1337-10	1337-2
63	4	1	1347-4	1347-9	1347-6	1347-7	1347-10	1347-2
63	5	1	1357-4	1357-9	1357-6	1357-7	1357-10	1357-2



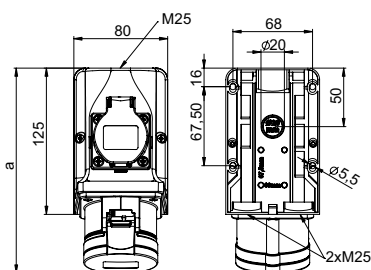
Basic unit HxWxD = 262x162x205; 1xØ50; 2xØ40								
125	3	1	143-4	143-6	143-9	143-7	143-10	143-2
Basic unit HxWxD = 262x162x205; 1xM63; 2xØ40								
125	4	1	144-4	144-9	144-6	144-7	144-10	144-2
125	5	1	145-4	145-9	145-6	145-7	145-10	145-2



Accessories (cable glands) see page 51



CEE Wall sockets COMBO



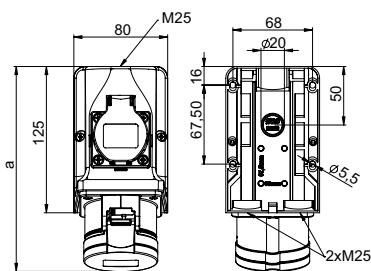
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Wall socket COMBO IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	175	176	176	188	188	188
Height [mm]	127	130	133	136	136	141
M [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws CEE [Ncm]	100			110		
Screw terminals [Ncm]	120					
Weight [g]	388	405	424	455	470	481

- with screw terminals
- wall socket with integrated safety socket according to Austrian/German system
- connecting terminals up to 10 mm²
- **ready wired**
- for Combo-wall socket 32A the safety socket is protected by fuse (10A slow)
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 9215-6v
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof



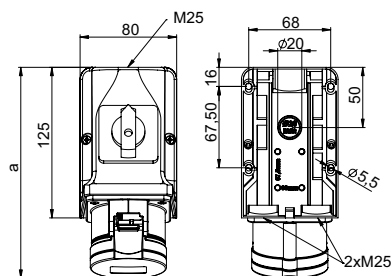
angle=15°

Wall socket COMBO IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	175	176	176	188	188	188
Height [mm]	127	130	133	136	136	141
M [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws CEE [Ncm]	100			110		
Screw terminals [Ncm]	120					
Contact screws SSD [Ncm]	80					
Weight [g]	353	370	389	410	425	436

- with screw terminals
- wall socket with integrated safety socket according to Austrian/German system
- connecting terminals up to 10 mm²
- **unwired**
- for Combo-wall socket 32A the safety socket is protected by fuse (10A slow)
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 9215-6vv
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof



angle=15°

Wall socket with switch IP44

	16 Amp	32 Amp
Poles	5	5
a [mm]	176	188
Height [mm]	133	143
M [mm]	3x25	3x25
Wire flexible [mm²]	1-2,5	2,5-6
Wire solid [mm²]	1-4	2,5-10
Weight [g]	448	543

- with screw terminals
- wall socket with integrated **ON/OFF switch AC22A**
- connecting terminals up to 10 mm²
- **prewired**
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 75915-6v
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof

Amp.	Poles	pack. unit	230V~	400V~
			50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h
			Cat.No.	Cat.No.
16	3	5	9213-6 9214-9	9214-6 9215-6
16	4	5		
16	5	5		
32	3	5	9223-6	9224-6 9225-6
32	4	5		
32	5	5		



9215-6

16	3	5	9213-6w 9214-9w	9214-6w 9215-6w
16	4	5		
16	5	5		
32	3	5	9223-6w	9224-6w 9225-6w
32	4	5		
32	5	5		



9215-6w

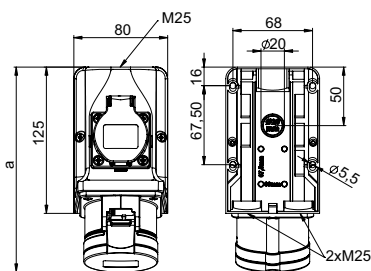
16	5	5	75915-6 75925-6
32	5	5	



75915-6



CEE Wall sockets COMBO



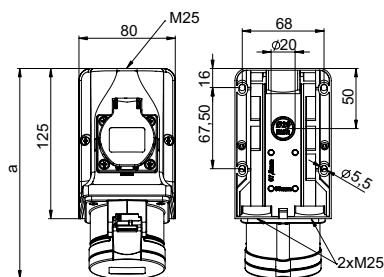
angle=15°

Wall socket COMBO IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	175	176	176	188	188	188
Height [mm]	127	130	133	136	136	141
M [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws CEE [Ncm]	100			110		
Screw terminals [Ncm]	120					
Weight [g]	387	404	423	454	469	480

- with screw terminals
- wall socket with integrated safety socket according to **Belgian/French system**
- connecting terminals up to 10 mm²
- **ready wired**
- for Combo-wall socket 32A the safety socket is protected by fuse (10A slow)
- housing material: PA6
- contacts: brass
- to order nickel-plated contacts please add a "v" e.g. 9215-6fv
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof



angle=15°

Wall socket COMBO IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	175	176	176	188	188	188
Height [mm]	128	130	133	137	137	143
M [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws CEE [Ncm]	100			110		
Screw terminals [Ncm]	120					
Contact screws SSD [Ncm]	80					
Weight [g]	352	369	388	409	424	435

- with screw terminals
- wall socket with integrated safety socket according to **Belgian/French system**
- connecting terminals up to 10 mm²
- **unwired**
- for Combo-wall socket 32A the safety socket is protected by fuse (10A slow)
- housing material: PA6
- contacts: brass
- to order nickel-plated contacts please add a "v" e.g. 9215-6fvv
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof

16	3	5
16	4	5
16	5	5
32	3	5
32	4	5
32	5	5

9213-6f 9214-9f	9214-6f 9215-6f
9223-6f	9224-6f 9225-6f



9215-6f

16	3	5
16	4	5
16	5	5
32	3	5
32	4	5
32	5	5

9213-6fw 9214-9fw	9214-6fw 9215-6fw
9223-6fw	9224-6fw 9225-6fw

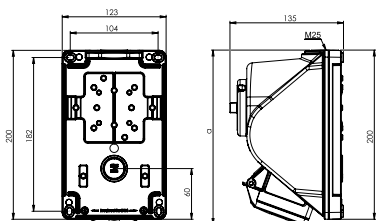


9215-6fw

Available also with Danish, British, Italian or Swiss sockets on request



CEE Wall sockets COMBOPOL



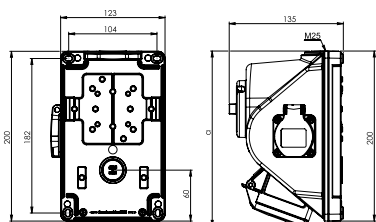
Wall socket COMBO-POL with flanged socket sloping

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	208	209	207	211	211	212
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Weight [g]	675	695	705	755	780	805

- CEE 16A 3p to 32A 5p
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP44 splashproof

IP67 on request

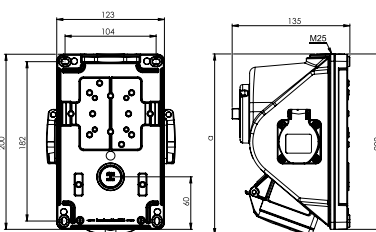


Wall socket COMBO-POL with flanged socket sloping

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	208	209	207	211	211	212
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Weight [g]	675	695	705	755	780	805

- CEE 16A 3p to 32A 5p with 1 safety socket 16A 250V
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts
- 32A: the safety socket is protected by fuse (10A slow)
- available also with Belg./French, Danish, British and Swiss sockets
- design with rotary lever on request

IP44 splashproof



Wall socket COMBO-POL with flanged socket sloping

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	208	209	207	211	211	212
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Weight [g]	675	695	705	755	780	805

- CEE 16A 3p to 32A 5p with 2 safety sockets 16A 250V
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts
- 32A: the safety socket is protected by fuse (10A slow)
- available also with Belg./French, Danish, British and Swiss sockets
- design with rotary lever on request

IP44 splashproof

Technical data:

- large connection area
- enclosure made of high impact resistance material
- ready wired for using
- cable entry M25 – top entry, Ø 25mm at the rear
- all external metal parts are made from stainless steel
- incl. threaded cable grommet
- at switch-off position: lockable with padlock (40 mm) 
- **ON / OFF switch AC 22A, 10kA acc. to EN 60947-3**
- switch all outlets

Amp.	Poles	pack. unit	Cat.No.	Switch	Socket outlet	Cat.No.	Switch	Socket outlet
16	3	1	96061350	0-1	0			
16	4	1	96061450	0-1	0			
16	5	1	96061550	0-1	0			
32	3	1	96062350	0-1	0			
32	4	1	96062450	0-1	0			
32	5	1	96062550	0-1	0			
with reversing switch								
16	4	1	960614501	L-O-R	0			
16	5	1	960615501	L-O-R	0			
32	4	1	960624501	L-O-R	0			
32	5	1	960625501	L-O-R	0			



96061550

16	3	1	96061351	0-1	1	austr./germ.	96061341	0-1	1	belg./french.
16	4	1	96061451	0-1	1	austr./germ.	96061441	0-1	1	belg./french.
16	5	1	96061551	0-1	1	austr./germ.	96061541	0-1	1	belg./french.
32	3	1	96062351	0-1	1	austr./germ.	96062341	0-1	1	belg./french.
32	4	1	96062451	0-1	1	austr./germ.	96062441	0-1	1	belg./french.
32	5	1	96062551	0-1	1	austr./germ.	96062541	0-1	1	belg./french.



96062551

16	3	1	96061352	0-1	2	austr./germ.	96061342	0-1	2	belg./french.
16	4	1	96061452	0-1	2	austr./germ.	96061442	0-1	2	belg./french.
16	5	1	96061552	0-1	2	austr./germ.	96061542	0-1	2	belg./french.
32	3	1	96062352	0-1	2	austr./germ.	96062342	0-1	2	belg./french.
32	4	1	96062452	0-1	2	austr./germ.	96062442	0-1	2	belg./french.
32	5	1	96062552	0-1	2	austr./germ.	96062542	0-1	2	belg./french.



96061552

Other versions on request!



Flanged sockets

PCE flanged sockets are available in many different flanges in straight or sloping version.

Versions:

- 16A / 32A / 63A / 125A
- Contacts: brass or nickel-plated
- Screw terminal or screwless version
- Different flange sizes and fixing centers
- straight or sloping versions
- lockable (16A 3p, sloping version)
- different IP ratings
- different clock positions (position of the earthing contact)

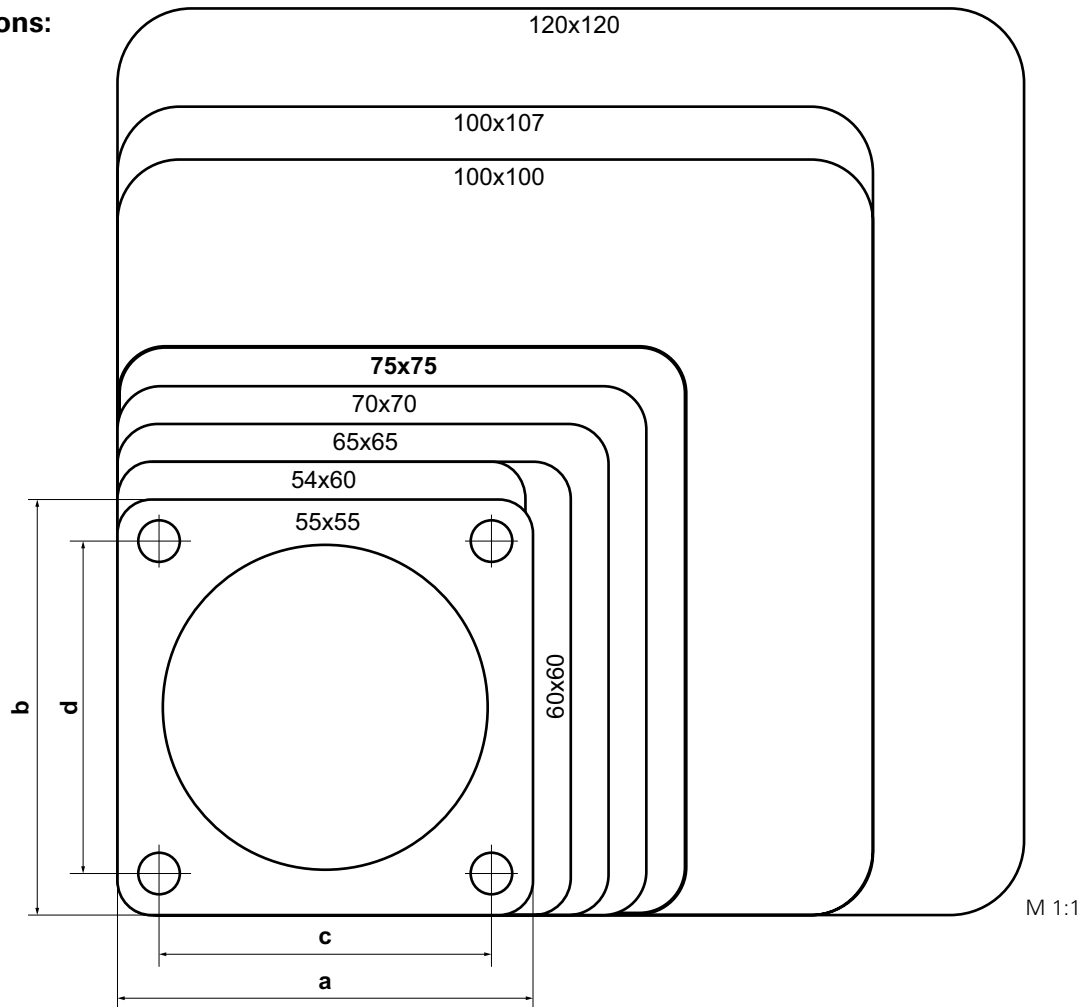
Advantages:

- solid, robust construction
- large opening angle of the lid
- screws/terminals are open when delivered
- advanced earthing contact
- contact frame with screws for 63/125A
- lamellar spring contacts for 63/125A



CEE Flanged sockets straight

Dimensions:



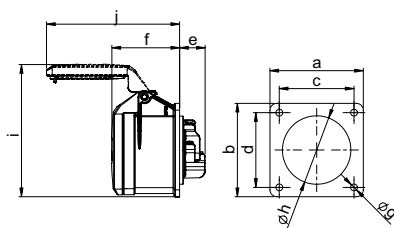
Versions:

flange		fixing center		page	16A			32A			63A			125A		
a	b	c	d	#	3p	4p	5p	3p	4p	5p	3p	4p	5p	3p	4p	5p
54	60	44	44	78-79	IP44*											
					IP67*											
55	55	44	44	78-79	IP44*											
					IP67*											
60	60	47	47	78-79	IP44*	IP44*										
					IP67*											
65	65	52	52	78-79	IP44*	IP44*										
					IP67*											
70	70	56	56	76-77	IP44*	IP44*	IP44*	IP44*	IP44*	IP44*						
					IP67*		IP67*			IP67*						
75	75	60	60	74-75	IP44*	IP44*	IP44*	IP44*	IP44*	IP44*						
					IP67*	IP67*	IP67*	IP67*	IP67*	IP67*						
100	100	80	80	80-81							IP44	IP44	IP44			
											IP67	IP67	IP67			
100	107	77	85	80-81							IP44	IP44	IP44			
											IP67	IP67	IP67			
120	120	100	100	80-81										IP67	IP67	IP67

* also available in screwless connection technology (TT)

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CEE Flanged sockets straight

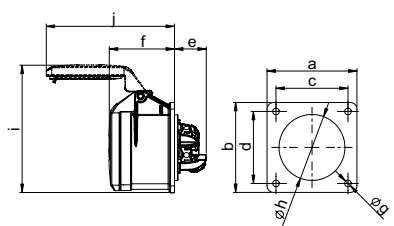


Flanged socket straight IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	75	75	75	75	75	75
Fixing center c x d [mm]	60	60	60	60	60	60
e [mm]	21	21	21	23	23	23
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	89	104	107	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	120	132	150	167	182	210

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 315-6f7v

IP44 splashproof
IP44/54 16/3 and 32/3 are splash- and dustproof

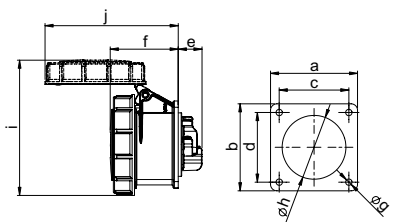


Flanged socket straight IP44 TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	75	75	75	75	75	75
Fixing center c x d [mm]	60	60	60	60	60	60
e [mm]	27	27	27	27	27	27
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	89	104	107	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	123	132	155	167	182	211

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 315-6TTf7v

IP44 splashproof
IP44/54 16/3; 16/5 and 32/5 are splash- and dustproof

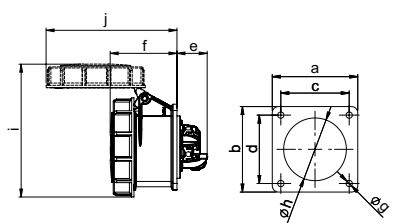


Flanged socket straight IP67

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	75	75	75	75	75	75
Fixing center c x d [mm]	60	60	60	60	60	60
e [mm]	21	21	21	23	23	23
f [mm]	56	57	59	69	69	71
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	102	108	117	122	122	130
j [mm]	101	109	115	130	130	136
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	135	153	183	206	222	260

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 3152-6v

IP67 watertight

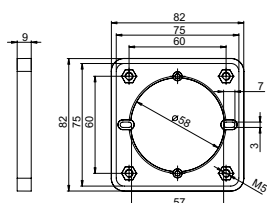


Flanged socket straight IP67 TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	75	75	75	75	75	75
Fixing center c x d [mm]	60	60	60	60	60	60
e [mm]	27	27	27	27	27	27
f [mm]	56	57	59	69	69	71
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	102	108	117	122	122	130
j [mm]	101	109	115	130	130	136
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	137	153	188	206	222	261

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 3152-6TTv

IP67 watertight



Cable conduit installation

	Intermediate flange for cable conduit installation
for CEE flanged socket	
Flange	75x75 mm
Fixing center	60x60 mm
	Cat.No. 810-00

- suitable for CEE-flanged sockets with flange size 75x75 mm and fixing center 60x60 mm e.g. 315-6f7
- with intermediate flange, suitable for standard conduit mounting boxes

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
flange 75 x 75 - fixing center 60 x 60								
16	3	10	313-4f7	313-6f7	313-9f7	313-7f7	313-10f7	313-2f7
16	4	10	314-4f7	314-9f7	314-6f7	314-7f7	314-10f7	314-2f7
16	5	10	315-4f7	315-9f7	315-6f7	315-7f7	315-10f7	315-2f7
32	3	10	323-4f7	323-6f7	323-9f7	323-7f7	323-10f7	323-2f7
32	4	10	324-4f7	324-9f7	324-6f7	324-7f7	324-10f7	324-2f7
32	5	10	325-4f7	325-9f7	325-6f7	325-7f7	325-10f7	325-2f7



315-6f7

flange 75 x 75 - fixing center 60 x 60								
16	3	10	313-4TTf7	313-6TTf7	313-9TTf7			
16	4	10	314-4TTf7	314-9TTf7	314-6TTf7			
16	5	10	315-4TTf7	315-9TTf7	315-6TTf7			
32	3	10	323-4TTf7	323-6TTf7	323-9TTf7			
32	4	10	324-4TTf7	324-9TTf7	324-6TTf7			
32	5	10	325-4TTf7	325-9TTf7	325-6TTf7			

TURBOclicks
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313-6TTf7

flange 75 x 75 - fixing center 60 x 60								
16	3	10	3132-4	3132-6	3132-9	3132-7	3132-10	3132-2
16	4	10	3142-4	3142-9	3142-6	3142-7	3142-10	3142-2
16	5	10	3152-4	3152-9	3152-6	3152-7	3152-10	3152-2
32	3	10	3232-4	3232-6	3232-9	3232-7	3232-10	3232-2
32	4	10	3242-4	3242-9	3242-6	3242-7	3242-10	3242-2
32	5	10	3252-4	3252-9	3252-6	3252-7	3252-10	3252-2



3152-6

flange 75 x 75 - fixing center 60 x 60								
16	3	10	3132-4TT	3132-6TT	3132-9TT			
16	4	10	3142-4TT	3142-9TT	3142-6TT			
16	5	10	3152-4TT	3152-9TT	3152-6TT			
32	3	10	3232-4TT	3232-6TT	3232-9TT			
32	4	10	3242-4TT	3242-9TT	3242-6TT			
32	5	10	3252-4TT	3252-9TT	3252-6TT			

TURBOclicks
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3132-6TT



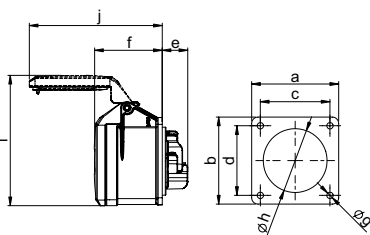
Conduit mounting box
(e.g. 37004701)

Intermediate flange
(810-00)

CEE socket outlet
(e.g. 315-6f7)

CEE Flanged sockets straight

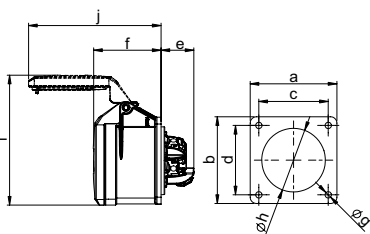
Flanged socket straight IP44



	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	21	21	21	23	23	23
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	87	101	105	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	115	127	141	162	178	206

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 315-6v

IP44 splashproof
IP44/54 16/3; 16/5 and 32/5 are splash- and dustproof

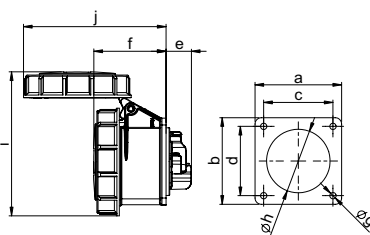


Flanged socket straight IP44 TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	27	27	27	27	27	27
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	87	101	105	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	117	128	146	161	178	207

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 315-6TTv

IP44 splashproof
IP44/54 16/3; 16/5 and 32/5 are splash- and dustproof

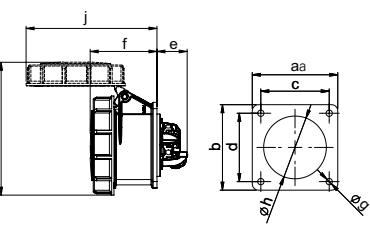


Flanged socket straight IP67

	16 Amp		32 Amp
Poles	3	5	5
Flange a x b [mm]	70	70	70
Fixing center c x d [mm]	56	56	56
e [mm]	21	21	23
f [mm]	56	59	71
g [mm]	5,5	5,5	5,5
h [mm]	43	55	58
i [mm]	102	117	130
j [mm]	101	115	136
Wire flexible [mm²]	1-2,5		2,5-6
Wire solid [mm²]	1-4		2,5-10
Contact screws [Ncm]	100		110
Weight [g]	130	181	225

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 3152-6f70v

IP67 watertight



Flanged socket straight IP67 TT

	16 Amp		32 Amp
Poles	3	5	5
Flange a x b [mm]	70	70	70
Fixing center c x d [mm]	56	56	56
e [mm]	27	27	27
f [mm]	56	59	71
g [mm]	5,5	5,5	5,5
h [mm]	43	55	58
i [mm]	102	117	130
j [mm]	101	115	136
Wire flexible [mm²]	1-2,5		2,5-6
Wire solid [mm²]	1-4		2,5-10
Weight [g]	132	186	227

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 3152-6Tf70v

IP67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
flange 70 x 70 - fixing center 56 x 56								
16	3	10	313-4	313-6	313-9	313-7	313-10	313-2
16	4	10	314-4	314-9	314-6	314-7	314-10	314-2
16	5	10	315-4	315-9	315-6	315-7	315-10	315-2
32	3	10	323-4	323-6	323-9	323-7	323-10	323-2
32	4	10	324-4	324-9	324-6	324-7	324-10	324-2
32	5	10	325-4	325-9	325-6	325-7	325-10	325-2



315-6

flange 70 x 70 - fixing center 56 x 56					
16	3	10	313-4TT	313-6TT	313-9TT
16	4	10	314-4TT	314-9TT	314-6TT
16	5	10	315-4TT	315-9TT	315-6TT
32	3	10	323-4TT	323-6TT	323-9TT
32	4	10	324-4TT	324-9TT	324-6TT
32	5	10	325-4TT	325-9TT	325-6TT

TURBO clicks
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315-6TT

flange 70 x 70 - fixing center 56 x 56					
16	3	10	3132-4f70	3132-6f70	3132-9f70
16	5	10	3152-4f70	3152-9f70	3152-6f70
32	5	10	3252-4f70	3252-9f70	3252-6f70
					3132-7f70
					3152-7f70
					3132-10f70
					3152-10f70
					3132-2f70
					3152-2f70
					3252-7f70
					3252-10f70
					3252-2f70



3132-6f70

flange 70 x 70 - fixing center 56 x 56					
16	3	10	3132-4TTf70	3132-6TTf70	3132-9TTf70
16	5	10	3152-4TTf70	3152-9TTf70	3152-6TTf70
32	5	10	3252-4TTf70	3252-9TTf70	3252-6TTf70
					3132-7TTf70
					3152-7TTf70
					3132-10TTf70
					3152-10TTf70
					3132-2TTf70
					3152-2TTf70
					3252-7TTf70
					3252-10TTf70
					3252-2TTf70

TURBO clicks
TERMINAL

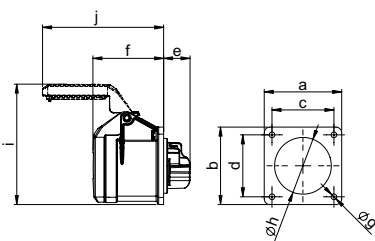


3132-6ttf70



CEE Flanged sockets straight

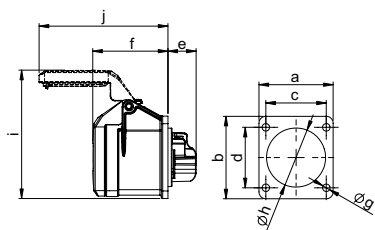
Flanged socket straight IP44



	16 Amp		16 Amp	
Poles	3	4	3	4
Flange a x b [mm]	65	65	60	60
Fixing center c x d [mm]	52	52	47	47
e [mm]	21	21	21	21
f [mm]	55	55	55	55
g [mm]	5,5	5,5	5,5	5,5
h [mm]	43	45	43	45
i [mm]	84	99	82	99
j [mm]	101	100	101	101
Wire flexible [mm²]	1-2,5			
Wire solid [mm²]	1-4			
Contact screws [Ncm]	100			
Weight [g]	112	124	105	119

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 314-6f0v

IP44 splashproof
IP44/54 16/3 is splash- and dustproof

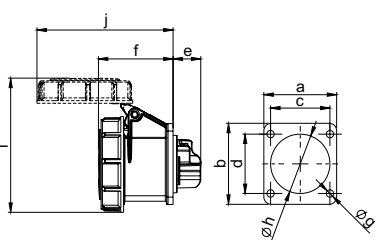


Flanged socket straight IP44

	16 Amp	
Poles	3	3
Flange a [mm]	54	55
Flange b [mm]	60	55
Fixing center c x d [mm]	44	44
e [mm]	21	21
f [mm]	55	55
g [mm]	5,5	5,5
h [mm]	43	43
i [mm]	82	80
j [mm]	101	101
Wire flexible [mm²]	1-2,5	
Wire solid [mm²]	1-4	
Contact screws [Ncm]	100	
Weight [g]	105	103

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 313-6f5v

IP44/54 splashproof and dustproof



Flanged socket straight IP67

	16 Amp			
Poles	3	3	3	3
Flange a [mm]	65	60	54	55
Flange b [mm]	65	60	60	55
Fixing center c x d [mm]	52	47	44	44
e [mm]	21	21	21	21
f [mm]	56	56	56	56
g [mm]	5,5	5,5	5,5	5,5
h [mm]	43	43	43	43
i [mm]	100	100	100	100
j [mm]	101	101	101	101
Wire flexible [mm²]	1-2,5			
Wire solid [mm²]	1-4			
Contact screws [Ncm]	100			
Weight [g]	127	123	124	120

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 3132-6f0v

IP67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz	50/60Hz	50/60Hz	50/60Hz	100-300Hz	301-500Hz
			4h	3p=6h 4p+5p=9h	3p=9h 4p+5p=6h	7h	10h	2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

flange 65 x 65 - fixing center 52 x 52								
16	3	10	313-4f0	313-6f0	313-9f0	313-7f0	313-10f0	313-2f0
16	4	10	314-4f0	314-9f0	314-6f0	314-7f0	314-10f0	314-2f0
flange 60 x 60 - fixing center 47 x 47								
16	3	10	313-4f6	313-6f6	313-9f6	313-7f6	313-10f6	313-2f6
16	4	10	314-4f6	314-9f6	314-6f6	314-7f6	314-10f6	314-2f6



313-6f0

flange 54 x 60 - fixing center 44 x 44								
16	3	10	313-4f9	313-6f9	313-9f9	313-7f9	313-10f9	313-2f9
flange 55 x 55 - fixing center 44 x 44								
16	3	10	313-4f5	313-6f5	313-9f5	313-7f5	313-10f5	313-2f5



313-6f9

flange 65 x 65 - fixing center 52 x 52								
16	3	10	3132-4f0	3132-6f0	3132-9f0	3132-7f0	3132-10f0	3132-2f0
flange 60 x 60 - fixing center 47 x 47								
16	3	10	3132-4f6	3132-6f6	3132-9f6	3132-7f6	3132-10f6	3132-2f6
flange 54 x 60 - fixing center 44 x 44								
16	3	10	3132-4f9	3132-6f9	3132-9f9	3132-7f9	3132-10f9	3132-2f9
flange 55 x 55 - fixing center 44 x 44								
16	3	10	3132-4f5	3132-6f5	3132-9f5	3132-7f5	3132-10f5	3132-2f5

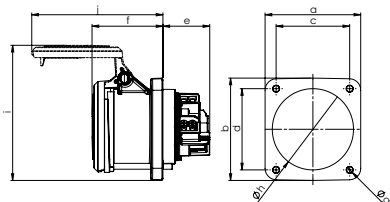


3132-6f9



CEE Flanged sockets straight

Flanged socket straight IP44 POWER TWIST

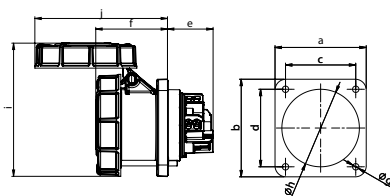


	63 Amp			63 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100
Flange b [mm]	100	100	100	107	107	107
Fixing center c [mm]	80	80	80	77	77	77
Fixing center d [mm]	80	80	80	85	85	85
e [mm]	50	50	50	50	50	50
f [mm]	75	75	75	75	75	75
g [mm]	7	7	7	7	7	7
h [mm]	85	85	85	85	85	85
i [mm]	138	138	138	142	142	142
j [mm]	138	138	138	138	138	138
Wire flexible [mm ²]	6-16					
Wire solid [mm ²]	6-25					
Contact screws [Ncm]	200					
Weight [g]	440	485	539	446	491	545

- contact frame with screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact please add a „5“, e.g. 33551-6 (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 33561-6 (see page 8)

IP44 splashproof

Flanged socket straight IP66/67 POWER TWIST

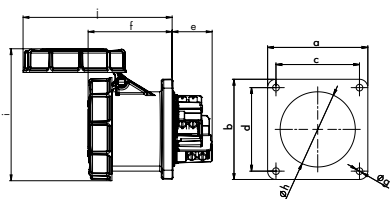


	63 Amp			63 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100
Flange b [mm]	100	100	100	107	107	107
Fixing center c [mm]	80	80	80	77	77	77
Fixing center d [mm]	80	80	80	85	85	85
e [mm]	50	50	50	50	50	50
f [mm]	80	80	80	80	80	80
g [mm]	7	7	7	7	7	7
h [mm]	85	85	85	85	85	85
i [mm]	147	147	147	147	147	147
j [mm]	146	146	146	146	146	146
Wire flexible [mm ²]	6-16					
Wire solid [mm ²]	6-25					
Contact screws [Ncm]	200					
Weight [g]	488	533	587	494	539	593

- contact frame with screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact please add a „5“, e.g. 33556-6 (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 33566-6 (see page 8)

IP66/67 watertight

Flanged socket straight IP66/67 POWER TWIST



	125 Amp		
Poles	3	4	5
Flange a x b [mm]	120	120	120
Fixing center c x d [mm]	100	100	100
e [mm]	48	48	48
f [mm]	101	101	101
g [mm]	8	8	8
h [mm]	90	90	90
i [mm]	159	159	159
j [mm]	179	179	179
Wire flexible [mm ²]	16-50		
Wire solid [mm ²]	16-70		
Contact screws [Ncm]	450		
Weight [g]	752	890	986

- contact frame with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact please add a „5“, e.g. 34556-6 (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 34566-6 (see page 8)

IP66/67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
flange 100 x 100 - fixing center 80 x 80								
63	3	2	3331-4	3331-6	3331-9	3331-7	3331-10	3331-2
63	4	2	3341-4	3341-9	3341-6	3341-7	3341-10	3341-2
63	5	2	3351-4	3351-9	3351-6	3351-7	3351-10	3351-2
flange 100 x 107 - fixing center 77 x 85								
63	3	2	3331-4fc	3331-6fc	3331-9fc	3331-7fc	3331-10fc	3331-2fc
63	4	2	3341-4fc	3341-9fc	3341-6fc	3341-7fc	3341-10fc	3341-2fc
63	5	2	3351-4fc	3351-9fc	3351-6fc	3351-7fc	3351-10fc	3351-2fc



3351-6

flange 100 x 100 - fixing center 80 x 80								
63	3	2	333-4	333-6	333-9	333-7	333-10	333-2
63	4	2	334-4	334-9	334-6	334-7	334-10	334-2
63	5	2	335-4	335-9	335-6	335-7	335-10	335-2
flange 100 x 107 - fixing center 77 x 85								
63	3	2	333-4fc	333-6fc	333-9fc	333-7fc	333-10fc	333-2fc
63	4	2	334-4fc	334-9fc	334-6fc	334-7fc	334-10fc	334-2fc
63	5	2	335-4fc	335-9fc	335-6fc	335-7fc	335-10fc	335-2fc



335-6

flange 120 x 120 - fixing center 100 x 100								
125	3	2	343-4	343-6	343-9	343-7	343-10	343-2
125	4	2	344-4	344-9	344-6	344-7	344-10	344-2
125	5	2	345-4	345-9	345-6	345-7	345-10	345-2



345-6



Surface outlet with/for flanged sockets

Surface outlet for flanged sockets 75x75 IP44

Robust surface outlet made of PA6 for surface sockets IP44 with flange size 75x75mm.

Optionally without side holes (blind) or with 1x hole (Ø20) incl. lead-through nipple.

There are centring holes on the side surfaces, which allow easy drilling of further openings.

- Scope of delivery:
- surface outlet
 - available without side holes (blind) or with 1x lead-through nipple

Surface outlet with flanged socket 75x75 IP44

Poles	16 Amp					
	3	4	5			
a [mm]	89	104	107			
b [mm]	151	151	157			
Weight [g] (blind)	214	226	244			
Weight [g] (1 nipple)	215	227	245			

For technical data of flanged socket see page 74

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a „v“ e.g. 80015-6v
- incl. flanged socket straight IP44 (75x75)
- available without side holes (blind) or with 1x lead-through nipple

IP44 splashproof

Surface outlet for flanged sockets 75x75 IP67

Robust surface outlet made of PA6 for surface sockets IP67 with flange size 75x75mm.

Optionally without side holes (blind) or with 1x thread (M20) incl. cable gland M20.

There are centring holes on the side surfaces, which allow easy drilling of further openings.

- Scope of delivery:
- surface outlet
 - available without side holes (blind) or with 1x cable gland M20
 - incl. 2x cover caps to seal the fixing holes

Surface outlet with flanged socket 75x75 IP67

Poles	16 Amp					
	3	4	5			
a [mm]	102	108	117			
b [mm]	151	159	165			
c [mm]	106	107	109			
Weight [g] (blind)	230	248	278			
Weight [g] (1 cable gland)	241	259	289			

For technical data of flanged socket see page 74

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a „v“ e.g. 800152-6v
- incl. flanged socket straight IP67 (75x75)
- available without side holes (blind) or with 1x cable gland M20 incl. 2x cover caps to seal the fixing holes

IP67 watertight

230V~

400V~

50/60Hz

50/60Hz

3p=6h

4p+5p=6h

Cat.No.

Cat.No.

Amp.

Poles

pack.
unit

10

10

80000

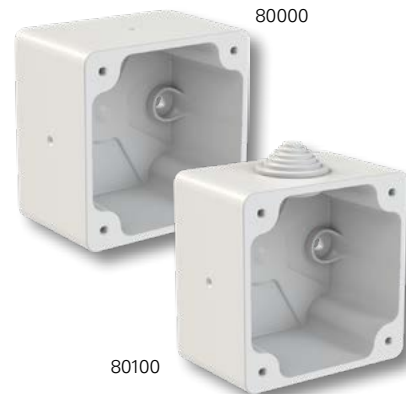
no nipple

80100

1x nipple

80000

80100



Surface outlet complete

16
16
16

3
4
5

10
10
10

80013-6

80014-6
80015-6

no nipple

16
16
16

3
4
5

10
10
10

80113-6

80114-6
80115-6

1x nipple



32A and special clock positions on request!

10

10

80067

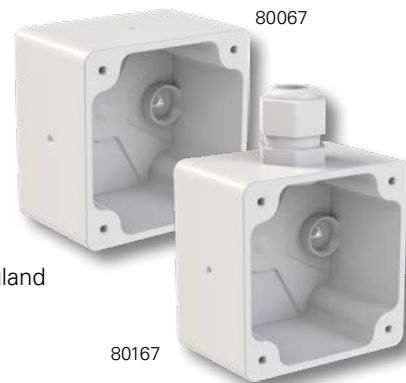
no cable
gland

80167

1x cable gland
M20

80067

80167



Surface outlet complete

16
16
16

3
4
5

10
10
10

800132-6

800142-6
800152-6

no cable
gland

16
16
16

3
4
5

10
10
10

801132-6

801142-6
801152-6

1x cable gland
M20

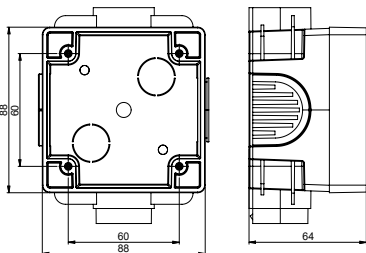
800152-6

801152-6



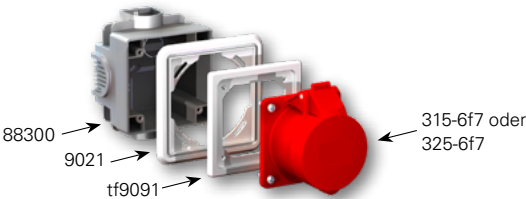
32A and special clock positions on request!

Accessories for flanged sockets



Flush outlet box for CEE flanged sockets straight

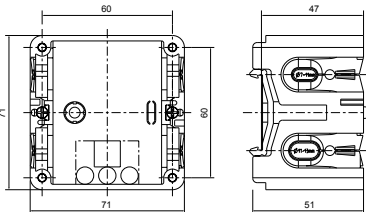
Example:



- Flush outlet box
- incl. 4 screws

In combination with one- or two-way frame and flange adapter for CEE flanged sockets straight with flange size 75x75mm

Order information see page 104-105



Trunking box for DIN-rail mounting IP20

Floor mounted trunking box made out of polypropylene for DIN-rail mounting and fixation of flanged sockets and switches. (Box can be used for wall trunking devices with a installation height of 47 mm and integrated DIN-rail.)

- height: 47mm
- material: polypropylene, flame-retardent
- color: grey
- for PCE CEE-flanged sockets with flange size of 75x75 (fixing center 60x60 mm) combined with PCE flange 810-00
- Protection degree: IP20

Trunking box for DIN-rail mounting IP20 with flanged socket CEE 16A

Floor mounted trunking box made out of polypropylene for DIN-rail mounting with CEE flanged socket 16A 5-pole (75x75mm) and flange including screws.

- Shipment:
- installation box (37004701)
 - flange (810-00)
 - CEE socket (flange: 75x75)
 - incl. 4 screws



Finger protection for flanged sockets 16A/32A

Depending on country specific standards and regulations it can be necessary to equipe terminals with a finger protection. This finger protection can be mounted on all PCE 16A and 32A CEE flanged sockets with screw contact (2P+E, 3P+E, 3P+E+N) in case of need.



16A **4-times** pack.unit=150/1300 pcs.

ts167s

32A **4-times** pack.unit=150/1000 pcs.

ts327s

Ampere	Poles	pack. unit	230V~	400V~	Cat.No.
			50/60Hz	50/60Hz	
			3p = 6h	4p+5p = 6h	
			Cat.No.	Cat.No.	
		10			88300



		1			37004701
--	--	---	--	--	----------



37004701

16	5	1		81315-6	
32	5	1		81325-6	

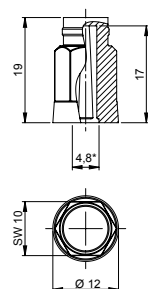


Example of use:



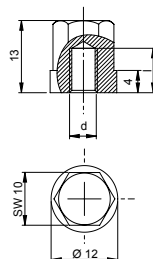
Mounting accessories for flanged sockets

plastic nut with collar (isolated)



* recommended screw diameter

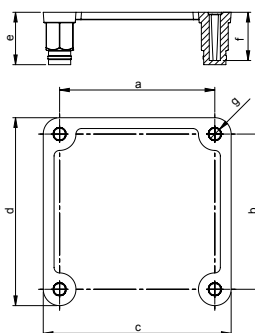
d	M4	M5	M6
l	6	8	9



- hexagonal nut with collar
- material: polyamide
- thread insert: brass (only metric version)
- color: black

size	pack. unit	Cat.No.
M4	100	1755
M5	100	2125
M6	100	2129
4,8mm*	500	tm500s

plastic nut 4-times (isolated)



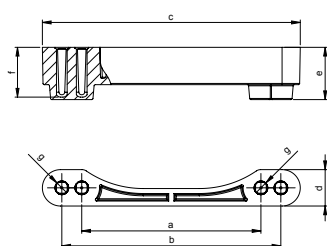
	38x38	50x65	56x56	58x33	60x60	60x73
a	38	50	56	58	60	60
b	38	65	56	33	60	73
c	50	62	68	70	72	72
d	49	77	68	45	73	85
e	14	19	19	19	19	19
f	10	17	17	17	17	17
g*	4,2	4,8	4,8	4,8	4,8	4,8

* recommended screw diameter

- 4-times plastic nut (WS10)
- material: polyamide
- color: black

size	pack. unit	Cat.No.
38x38	500	tm43838s
50x65	100	tm55065s
56x56	100	tm55656s
58x33	100	tm55833s
60x60	100	tm56060s
60x73	100	tm56073s

plastic nut 2-times (isolated) 63/125A



	63A	125A
a	72	92
b	88	108
c	104	124
d	15	15
e	21	21
f	20	20
g*	5,5	5,5

* recommended screw diameter

- 2-times plastic nut
- material: polyamide
- color: black

size	pack. unit	Cat.No.
72/88	10	tm6880s
92/108	10	tm6100s

Mounting example:

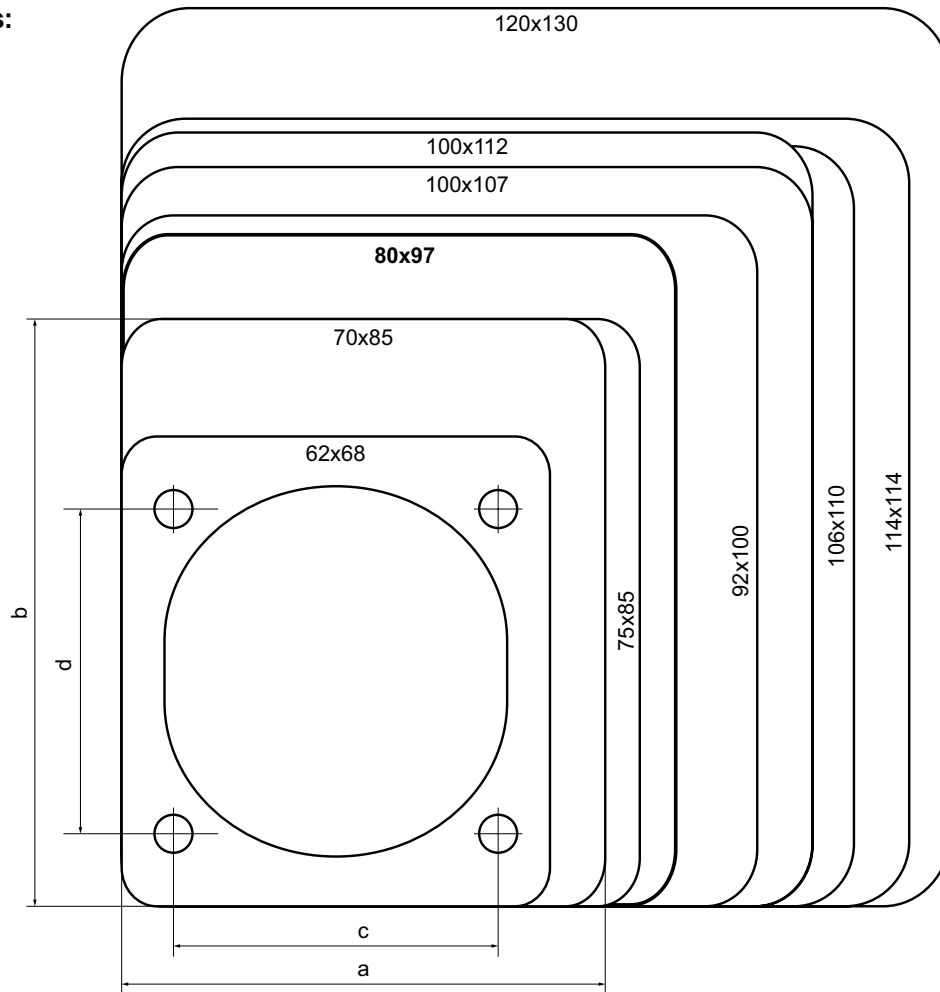
tm43838s
safety socket
flange: 50x50mm
fixing center: 38x38mm

tm56073s
CEE flanged socket sloping
flange: 80x97mm
fixing center: 60x73mm



CEE Flanged sockets sloping

Dimensions:



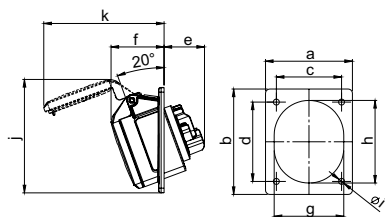
Versions:

flange		fixing-center		page	16A			32A			63A			125A		
a	b	c	d	#	3p	4p	5p	3p	4p	5p	3p	4p	5p	3p	4p	5p
62	68	47	47	94-95	IP44*											
70	85	50	65	90-91	IP44*	IP44*										
					IP67*	IP67*										
75	85	60	60	92-93	IP44*	IP44*	IP44*									
					IP67*	IP67*	IP67*									
80	97	60	73	88-89	IP44*	IP44*	IP44*	IP44*	IP44*	IP44*						
					IP67*	IP67*	IP67*	IP67*	IP67*	IP67*						
92	100	77	85	96-97	IP44*	IP44*	IP44*	IP44*	IP44*	IP44*						
					IP67*	IP67*	IP67*	IP67*	IP67*	IP67*						
100	107	77	85	98-99							IP44	IP44	IP44			
											IP67	IP67	IP67			
100	112	80	88	98-99							IP44	IP44	IP44			
											IP67	IP67	IP67			
106	110	90	90	98-99							IP44	IP44	IP44			
											IP67	IP67	IP67			
114	114	90	90	98-99										IP67	IP67	IP67
120	130	100	108	98-99										IP67	IP67	IP67

* also available in screwless connection technology (TT)

TURBO
TERMINAL

CEE Flanged sockets sloping

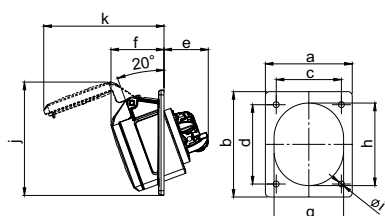


Flanged socket sloping IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	38	38	38	48	48	48
f [mm]	47	47	49	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	97	103	105	105	105	99
k [mm]	99	104	111	119	119	130
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	116	132	154	166	182	214

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 415-6v

IP44 splashproof
IP44/54 16/3; 16/5 and 32/5 are splash- and dustproof

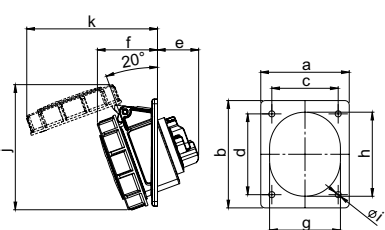


Flanged socket sloping IP44 TT

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	41	41	41	48	48	48
f [mm]	47	47	49	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	97	103	105	105	105	99
k [mm]	99	104	111	119	119	130
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Weight [g]	119	133	158	165	182	215

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 415-6TTv

IP44 splashproof
IP44/54 16/3; 16/5 and 32/5 are splash- and dustproof

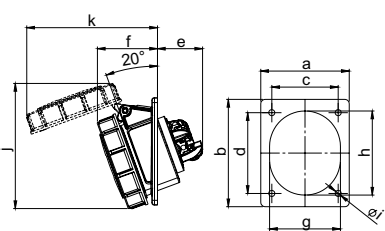


Flanged socket sloping IP67

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	38	38	38	48	48	48
f [mm]	50	52	55	59	59	61
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	102	106	114	120	120	127
k [mm]	103	110	119	127	127	133
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	131	153	186	207	224	262

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 4152-6f78v

IP67 watertight



Flanged socket sloping IP67 TT

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	41	41	41	48	48	48
f [mm]	50	52	55	59	59	61
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	102	106	114	120	120	127
k [mm]	103	110	119	127	127	133
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Weight [g]	134	154	191	207	224	263

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 4152-6TTf78v

IP67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
flange 80 x 97 - fixing center 60 x 73								
16	3	10	413-4f8	413-6f8	413-9f8	413-7f8	413-10f8	413-2f8
16	4	10	414-4f8	414-9f8	414-6f8	414-7f8	414-10f8	414-2f8
16	5	10	415-4	415-9	415-6	415-7	415-10	415-2
32	3	10	423-4	423-6	423-9	423-7	423-10	423-2
32	4	10	424-4	424-9	424-6	424-7	424-10	424-2
32	5	10	425-4	425-9	425-6	425-7	425-10	425-2



415-6

flange 80 x 97 - fixing center 60 x 73					
16	3	10	413-4TTf8	413-6TTf8	413-9TTf8
16	4	10	414-4TTf8	414-9TTf8	414-6TTf8
16	5	10	415-4TT	415-9TT	415-6TT
32	3	10	423-4TT	423-6TT	423-9TT
32	4	10	424-4TT	424-9TT	424-6TT
32	5	10	425-4TT	425-9TT	425-6TT



415-6TT

flange 80 x 97 - fixing center 60 x 73								
16	3	10	4132-4f8	4132-6f8	4132-9f8	4132-7f8	4132-10f8	4132-2f8
16	4	10	4142-4f8	4142-9f8	4142-6f8	4142-7f8	4142-10f8	4142-2f8
16	5	10	4152-4f78	4152-9f78	4152-6f78	4152-7f78	4152-10f78	4152-2f78
32	3	10	4232-4f78	4232-6f78	4232-9f78	4232-7f78	4232-10f78	4232-2f78
32	4	10	4242-4f78	4242-9f78	4242-6f78	4242-7f78	4242-10f78	4242-2f78
32	5	10	4252-4f78	4252-9f78	4252-6f78	4252-7f78	4252-10f78	4252-2f78



4152-6f78

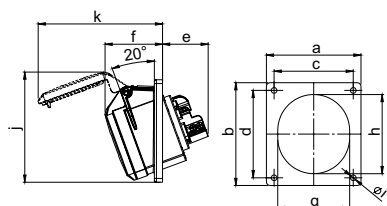
flange 80 x 97 - fixing center 60 x 73					
16	3	10	4132-4TTf8	4132-6TTf8	4132-9TTf8
16	4	10	4142-4TTf8	4142-9TTf8	4142-6TTf8
16	5	10	4152-4TTf78	4152-9TTf78	4152-6TTf78
32	3	10	4232-4TTf78	4232-6TTf78	4232-9TTf78
32	4	10	4242-4TTf78	4242-9TTf78	4242-6TTf78
32	5	10	4252-4TTf78	4252-9TTf78	4252-6TTf78



4152-6TTf78



CEE Flanged sockets sloping

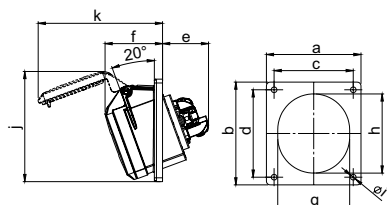


Flanged socket sloping IP44

	16 Amp	
Poles	3	4
Flange a [mm]	70	70
Flange b [mm]	85	85
Fixing center c [mm]	50	50
Fixing center d [mm]	65	65
e [mm]	38	38
f [mm]	47	47
g [mm]	51	56
h [mm]	61	67
i [mm]	5,5	5,5
j [mm]	85	96
k [mm]	99	104
Wire flexible [mm ²]	1-2,5	
Wire solid [mm ²]	1-4	
Contact screws [Ncm]	100	
Weight [g]	111	127

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 413-6v

IP44 splashproof
IP44/54 16/3 is splash- and dustproof

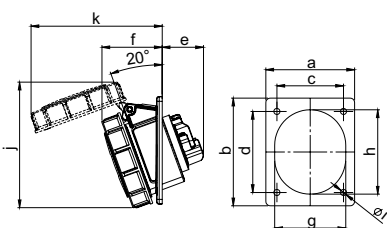


Flanged socket sloping IP44 TT

	16 Amp	
Poles	3	4
Flange a [mm]	70	70
Flange b [mm]	85	85
Fixing center c [mm]	50	50
Fixing center d [mm]	65	65
e [mm]	41	41
f [mm]	47	47
g [mm]	51	56
h [mm]	61	67
i [mm]	5,5	5,5
j [mm]	85	96
k [mm]	99	104
Wire flexible [mm ²]	1-2,5	
Wire solid [mm ²]	1-4	
Weight [g]	114	128

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 413-6TTv

IP44 splashproof
IP44/54 16/3 is splash- and dustproof

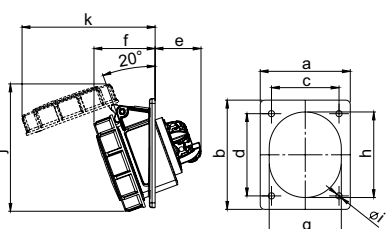


Flanged socket sloping IP67

	16 Amp	
Poles	3	4
Flange a [mm]	70	70
Flange b [mm]	85	85
Fixing center c [mm]	50	50
Fixing center d [mm]	65	65
e [mm]	38	38
f [mm]	50	52
g [mm]	51	56
h [mm]	61	67
i [mm]	5,5	5,5
j [mm]	97	104
k [mm]	102	111
Wire flexible [mm ²]	1-2,5	
Wire solid [mm ²]	1-4	
Contact screws [Ncm]	100	
Weight [g]	128	132

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 4132-6f78v

IP67 watertight



Flanged socket sloping IP67 TT

	16 Amp	
Poles	3	4
Flange a [mm]	70	70
Flange b [mm]	85	85
Fixing center c [mm]	50	50
Fixing center d [mm]	65	65
e [mm]	41	41
f [mm]	50	52
g [mm]	51	56
h [mm]	61	67
i [mm]	5,5	5,5
j [mm]	97	104
k [mm]	102	111
Wire flexible [mm ²]	1-2,5	
Wire solid [mm ²]	1-4	
Weight [g]	130	133

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 4132-6TTf78v

IP67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

flange 70 x 85 - fixing center 50 x 65								
16	3	10	413-4	413-6	413-9	413-7	413-10	413-2
16	4	10	414-4	414-9	414-6	414-7	414-10	414-2



413-6

flange 70 x 85 - fixing center 50 x 65					
16	3	10	413-4TT	413-6TT	413-9TT
16	4	10	414-4TT	414-9TT	414-6TT



414-6TT

flange 70 x 85 - fixing center 50 x 65								
16	3	10	4132-4f78	4132-6f78	4132-9f78	4132-7f78	4132-10f78	4132-2f78
16	4	10	4142-4f78	4142-9f78	4142-6f78	4142-7f78	4142-10f78	4142-2f78



4132-6f78

flange 70 x 85 - fixing center 50 x 65					
16	3	10	4132-4TTf78	4132-6TTf78	4132-9TTf78
16	4	10	4142-4TTf78	4142-9TTf78	4142-6TTf78



4142-6TTf78



CEE Flanged sockets sloping

Flanged socket sloping IP44

Poles	16 Amp		
	3	4	5
Flange a [mm]	75	75	75
Flange b [mm]	85	85	85
Fixing center c x d [mm]	60	60	60
e [mm]	38	38	39
f [mm]	47	47	48
g [mm]	51	56	65
h [mm]	61	67	76
i [mm]	5,5	5,5	5,5
j [mm]	85	96	101
k [mm]	99	104	111
Wire flexible [mm ²]	1-2,5		
Wire solid [mm ²]	1-4		
Contact screws [Ncm]	100		
Weight [g]	111	127	153

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 415-6f87v
- with locking area

IP44 splashproof
IP44/54 16/3 and 16/5 are splash- and dustproof

Flanged socket sloping IP44 TT

Poles	16 Amp		
	3	4	5
Flange a [mm]	75	75	75
Flange b [mm]	85	85	85
Fixing center c x d [mm]	60	60	60
e [mm]	41	41	41
f [mm]	47	47	49
g [mm]	51	56	65
h [mm]	61	67	76
i [mm]	5,5	5,5	5,5
j [mm]	85	96	101
k [mm]	99	104	111
Wire flexible [mm ²]	1-2,5		
Wire solid [mm ²]	1-4		
Weight [g]	111	127	153

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 415-6TTf87v
- with locking area

IP44 splashproof
IP44/54 16/3 and 16/5 are splash- and dustproof

Flanged socket sloping IP67

Poles	16 Amp		
	3	4	5
Flange a [mm]	75	75	75
Flange b [mm]	85	85	85
Fixing center c x d [mm]	60	60	60
e [mm]	38	38	39
f [mm]	49	50	54
g [mm]	51	56	65
h [mm]	61	67	76
i [mm]	5,5	5,5	5,5
j [mm]	97	104	114
k [mm]	102	111	119
Wire flexible [mm ²]	1-2,5		
Wire solid [mm ²]	1-4		
Contact screws [Ncm]	100		
Weight [g]	127	148	181

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 4152-6f87v
- with locking area

IP67 watertight

Flanged socket sloping IP67 TT

Poles	16 Amp		
	3	4	5
Flange a [mm]	75	75	75
Flange b [mm]	85	85	85
Fixing center c x d [mm]	60	60	60
e [mm]	41	41	41
f [mm]	49	50	54
g [mm]	51	56	65
h [mm]	61	67	76
i [mm]	5,5	5,5	5,5
j [mm]	97	104	114
k [mm]	102	111	119
Wire flexible [mm ²]	1-2,5		
Wire solid [mm ²]	1-4		
Weight [g]	127	148	181

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 4152-6TTf87v
- with locking area

IP67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

flange 75 x 85 - fixing center 60 x 60								
16	3	10	413-4f87	413-6f87	413-9f87	413-7f87	413-10f87	413-2f87
16	4	10	414-4f87	414-9f87	414-6f87	414-7f87	414-10f87	414-2f87
16	5	10	415-4f87	415-9f87	415-6f87	415-7f87	415-10f87	415-2f87



415-6f87

flange 75 x 85 - fixing center 60 x 60								
16	3	10	413-4TTf87	413-6TTf87	413-9TTf87	413-7TTf87	413-10TTf87	413-2TTf87
16	4	10	414-4TTf87	414-9TTf87	414-6TTf87	414-7TTf87	414-10TTf87	414-2TTf87
16	5	10	415-4TTf87	415-9TTf87	415-6TTf87	415-7TTf87	415-10TTf87	415-2TTf87



415-6TTf87

flange 75 x 85 - fixing center 60 x 60								
16	3	10	4132-4f87	4132-6f87	4132-9f87	4132-7f87	4132-10f87	4132-2f87
16	4	10	4142-4f87	4142-9f87	4142-6f87	4142-7f87	4142-10f87	4142-2f87
16	5	10	4152-4f87	4152-9f87	4152-6f87	4152-7f87	4152-10f87	4152-2f87



4152-6f87

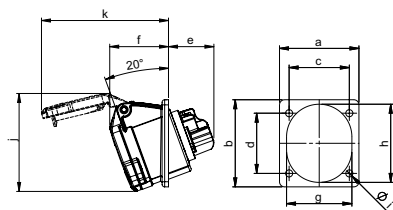
flange 75 x 85 - fixing center 60 x 60								
16	3	10	4132-4TTf87	4132-6TTf87	4132-9TTf87	4132-7TTf87	4132-10TTf87	4132-2TTf87
16	4	10	4142-4TTf87	4142-9TTf87	4142-6TTf87	4142-7TTf87	4142-10TTf87	4142-2TTf87
16	5	10	4152-4TTf87	4152-9TTf87	4152-6TTf87	4152-7TTf87	4152-10TTf87	4152-2TTf87



4152-6TTf87



CEE Flanged sockets sloping - lockable / with switch



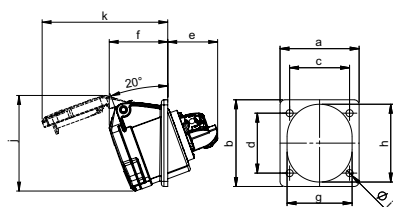
Flanged socket sloping, lockable IP44



	16 Amp	
Poles	3	
Flange a [mm]	62	
Flange b [mm]	68	
Fixing center c x d [mm]	47	
e [mm]	38	
f [mm]	46	
g [mm]	51	
h [mm]	61	
i [mm]	5,5	
j [mm]	77	
k [mm]	99	
Wire flexible [mm²]	1-2,5	
Wire solid [mm²]	1-4	
Contact screws [Ncm]	100	
Weight [g]	111	

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a „v“ e.g. 413-6f66v
- lockable with padlock *

IP44/54 splash- and dustproof



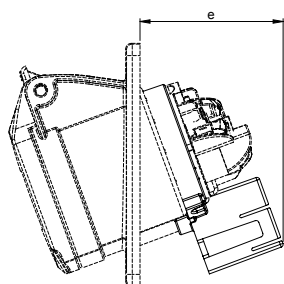
Flanged socket sloping, lockable IP44 TT



	16 Amp	
Poles	3	
Flange a [mm]	62	
Flange b [mm]	68	
Fixing center c x d [mm]	47	
e [mm]	41	
f [mm]	46	
g [mm]	51	
h [mm]	61	
i [mm]	5,5	
j [mm]	77	
k [mm]	99	
Wire flexible [mm²]	1-2,5	
Wire solid [mm²]	1-4	
Weight [g]	113	

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a „v“ e.g. 413-6TTf66v
- lockable with padlock *

IP44/54 splash- and dustproof



Flanged socket sloping with auxiliary switch

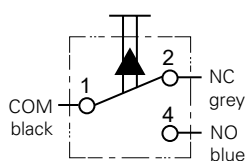


	16 Amp	32 Amp
Poles	3	3
e [mm]	51	58
Wire flexible [mm²]	1-2,5	2,5-6
Wire solid [mm²]	1-4	2,5-10
Auxiliary switch:		
Switching capacity	10(1,5)A, 250VAC	
Conductor	3 x 0,75 mm²	
Conductor length	500 mm	
Contacts	COM=schwarz / NC=grau / NO=blau	

- **with auxiliary switch**
- flanged socket with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a „v“ e.g. 413-6TTf66hv

further technical details please see flanged sockets without auxiliary switch

circuit diagram:



* Shackle thickness Padlock

413-6f66

TURBO ~~click~~
TERMINAL ~~X~~

413-6f66



A blue industrial power connector with a locking mechanism. The connector is shown from a side-on perspective, with its blue plastic cover open, revealing the internal metal contacts. A black locking lever is visible on the side. A small white label with a warning icon (a lightning bolt inside a triangle) and text is attached to the cover. The connector is mounted on a blue square base. A black cable with a blue and white braided shield is connected to the back. A small black icon of a padlock is located in the top left corner of the image.

423-6f9h



CEE Flanged sockets sloping

Flanged socket sloping IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	92	92	92	92	92	92
Flange b [mm]	100	100	100	100	100	100
Fixing center c [mm]	77	77	77	77	77	77
Fixing center d [mm]	85	85	85	85	85	85
e [mm]	33	34	38	48	48	48
f [mm]	49	51	52	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	86	102	107	107	107	101
k [mm]	102	107	111	121	121	132
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	141	146	175	199	218	246

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 415-6f9v

IP44 splashproof
IP44/54 16/5 and 32/5 are splash- and dustproof

Flanged socket sloping IP44 TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	92	92	92	92	92	92
Flange b [mm]	100	100	100	100	100	100
Fixing center c [mm]	77	77	77	77	77	77
Fixing center d [mm]	85	85	85	85	85	85
e [mm]	37	38	38	48	48	48
f [mm]	49	51	52	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	86	102	107	107	107	101
k [mm]	102	107	114	121	121	132
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Weight [g]	141	147	170	199	218	226

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 415-6TTf9v

IP44 splashproof
IP44/54 16/5 and 32/5 are splash- and dustproof

Flanged socket sloping IP67

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	92	92	92	92	92	92
Flange b [mm]	100	100	100	100	100	100
Fixing center c [mm]	77	77	77	77	77	77
Fixing center d [mm]	85	85	85	85	85	85
e [mm]	33	34	38	48	48	48
f [mm]	53	55	58	62	62	62
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	101	105	114	120	120	128
k [mm]	107	115	122	130	130	131
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	160	167	199	221	237	280

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 4152-6v

IP67 watertight

Flanged socket sloping IP67 TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	92	92	92	92	92	92
Flange b [mm]	100	100	100	100	100	100
Fixing center c [mm]	77	77	77	77	77	77
Fixing center d [mm]	85	85	85	85	85	85
e [mm]	33	34	38	48	48	48
f [mm]	53	55	58	62	62	62
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	101	105	114	120	120	128
k [mm]	107	115	122	130	130	131
Wire flexible [mm ²]	1-2,5			2,5-6		
Wire solid [mm ²]	1-4			2,5-10		
Weight [g]	149	168	203	220	237	281

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 4152-6TTv

IP67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50- 500V~	>50- 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
flange 92 x 100 - fixing center 77 x 85								
16	3	10	413-4f9	413-6f9	413-9f9	413-7f9	413-10f9	413-2f9
16	4	10	414-4f9	414-9f9	414-6f9	414-7f9	414-10f9	414-2f9
16	5	10	415-4f9	415-9f9	415-6f9	415-7f9	415-10f9	415-2f9
32	3	10	423-4f9	423-6f9	423-9f9	423-7f9	423-10f9	423-2f9
32	4	10	424-4f9	424-9f9	424-6f9	424-7f9	424-10f9	424-2f9
32	5	10	425-4f9	425-9f9	425-6f9	425-7f9	425-10f9	425-2f9



415-6f9

flange 92 x 100 - fixing center 77 x 85								
16	3	10	413-4TTf9	413-6TTf9	413-9TTf9			
16	4	10	414-4TTf9	414-9TTf9	414-6TTf9			
16	5	10	415-4TTf9	415-9TTf9	415-6TTf9			
32	3	10	423-4TTf9	423-6TTf9	423-9TTf9			
32	4	10	424-4TTf9	424-9TTf9	424-6TTf9			
32	5	10	425-4TTf9	425-9TTf9	425-6TTf9			



425-9TTf9

flange 92 x 100 - fixing center 77 x 85								
16	3	10	4132-4	4132-6	4132-9	4132-7	4132-10	4132-2
16	4	10	4142-4	4142-9	4142-6	4142-7	4142-10	4142-2
16	5	10	4152-4	4152-9	4152-6	4152-7	4152-10	4152-2
32	3	10	4232-4	4232-6	4232-9	4232-7	4232-10	4232-2
32	4	10	4242-4	4242-9	4242-6	4242-7	4242-10	4242-2
32	5	10	4252-4	4252-9	4252-6	4252-7	4252-10	4252-2



4132-6

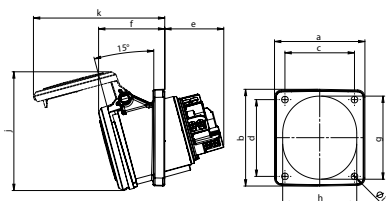
flange 92 x 100 - fixing center 77 x 85								
16	3	10	4132-4TT	4132-6TT	4132-9TT			
16	4	10	4142-4TT	4142-9TT	4142-6TT			
16	5	10	4152-4TT	4152-9TT	4152-6TT			
32	3	10	4232-4TT	4232-6TT	4232-9TT			
32	4	10	4242-4TT	4242-9TT	4242-6TT			
32	5	10	4252-4TT	4252-9TT	4252-6TT			



4142-6TT



CEE Flanged sockets sloping

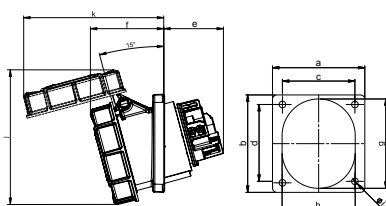


Flanged socket sloping IP44 POWER TWIST

Poles	63 Amp			63 Amp			63 Amp		
	3	4	5	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100	106	106	106
Flange b [mm]	112	112	112	107	107	107	110	110	110
Fixing center c [mm]	80	80	80	77	77	77	90	90	90
Fixing center d [mm]	88	88	88	85	85	85	90	90	90
e [mm]	64	64	64	64	64	64	64	64	64
f [mm]	74	74	74	74	74	74	74	74	74
g [mm]	92	92	92	92	92	92	92	92	92
h [mm]	82	82	82	82	82	82	82	82	82
i [mm]	7	7	7	7	7	7	7	7	7
j [mm]	132	132	132	132	132	132	132	132	132
k [mm]	146	146	146	146	146	146	146	146	146
Wire flexible [mm²]				6-16					
Wire solid [mm²]				6-25					
Contact screws [Ncm]				200					
Weight [g]	447	492	547	443	488	543	450	395	550

- contact frame with screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact please add a „5“ e.g. 43351-6 (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 43361-6 (see page 8)

IP44 splashproof

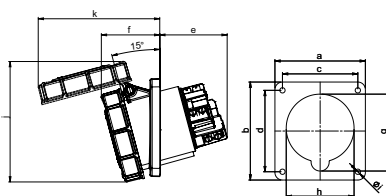


Flanged socket sloping IP67 POWER TWIST

Poles	63 Amp			63 Amp			63 Amp		
	3	4	5	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100	106	106	106
Flange b [mm]	112	112	112	107	107	107	110	110	110
Fixing center c [mm]	80	80	80	77	77	77	90	90	90
Fixing center d [mm]	88	88	88	85	85	85	90	90	90
e [mm]	64	64	64	64	64	64	64	64	64
f [mm]	80	80	80	80	80	80	80	80	80
g [mm]	92	92	92	92	92	92	92	92	92
h [mm]	82	82	82	82	82	82	82	82	82
i [mm]	7	7	7	7	7	7	7	7	7
j [mm]	148	148	148	148	148	148	148	148	148
k [mm]	154	154	154	154	154	154	154	154	154
Wire flexible [mm²]				6-16					
Wire solid [mm²]				6-25					
Contact screws [Ncm]				200					
Weight [g]	495	540	595	491	536	591	498	443	598

- contact frame with screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact please add a „5“ e.g. 4355-6 (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 4356-6 (see page 8)

IP66/67 watertight



Flanged socket sloping IP67 POWER TWIST

Poles	125 Amp			125 Amp		
	3	4	5	3	4	5
Flange a [mm]	120	120	120	114	114	114
Flange b [mm]	130	130	130	114	114	114
Fixing center c [mm]	100	100	100	90	90	90
Fixing center d [mm]	108	108	108	90	90	90
e [mm]	92	92	92	92	92	92
f [mm]	77	77	77	77	77	77
g [mm]	102	102	102	102	102	102
h [mm]	90	90	90	90	90	90
i [mm]	7	7	7	7	7	7
j [mm]	160	160	160	160	160	160
k [mm]	162	162	162	162	162	162
Wire flexible [mm²]				16-50		
Wire solid [mm²]				16-70		
Contact screws [Ncm]				450		
Weight [g]	804	896	995	792	880	987

- contact frame with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact please add a „5“ e.g. 4455-6 (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 4456-6 (see page 8)

IP66/67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50– 500V~	>50– 500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
flange 100 x 112 - fixing center 80 x 88								
63	3	2	4331-4	4331-6	4331-9	4331-7	4331-10	4331-2
63	4	2	4341-4	4341-9	4341-6	4341-7	4341-10	4341-2
63	5	2	4351-4	4351-9	4351-6	4351-7	4351-10	4351-2
flange 100 x 107 - fixing center 77 x 85								
63	3	2	4331-4fc	4331-6fc	4331-9fc	4331-7fc	4331-10fc	4331-2fc
63	4	2	4341-4fc	4341-9fc	4341-6fc	4341-7fc	4341-10fc	4341-2fc
63	5	2	4351-4fc	4351-9fc	4351-6fc	4351-7fc	4351-10fc	4351-2fc
flange 106 x 110 - fixing center 90 x 90								
63	3	2	4331-4fd	4331-6fd	4331-9fd	4331-7fd	4331-10fd	4331-2fd
63	4	2	4341-4fd	4341-9fd	4341-6fd	4341-7fd	4341-10fd	4341-2fd
63	5	2	4351-4fd	4351-9fd	4351-6fd	4351-7fd	4351-10fd	4351-2fd



4351-6

flange 100 x 112 - fixing center 80 x 88								
63	3	2	433-4	433-6	433-9	433-7	433-10	433-2
63	4	2	434-4	434-9	434-6	434-7	434-10	434-2
63	5	2	435-4	435-9	435-6	435-7	435-10	435-2
flange 100 x 107 - fixing center 77 x 85								
63	3	2	433-4fc	433-6fc	433-9fc	433-7fc	433-10fc	433-2fc
63	4	2	434-4fc	434-9fc	434-6fc	434-7fc	434-10fc	434-2fc
63	5	2	435-4fc	435-9fc	435-6fc	435-7fc	435-10fc	435-2fc
flange 106 x 110 - fixing center 90 x 90								
63	3	2	433-4fd	433-6fd	433-9fd	433-7fd	433-10fd	433-2fd
63	4	2	434-4fd	434-9fd	434-6fd	434-7fd	434-10fd	434-2fd
63	5	2	435-4fd	435-9fd	435-6fd	435-7fd	435-10fd	435-2fd



435-6

flange 120 x 130 - fixing center 100 x 108								
125	3	2	443-4	443-6	443-9	443-7	443-10	443-2
125	4	2	444-4	444-9	444-6	444-7	444-10	444-2
125	5	2	445-4	445-9	445-6	445-7	445-10	445-2
flange 114 x 114 - fixing center 90 x 90								
125	3	2	443-4fe	443-6fe	443-9fe	443-7fe	443-10fe	443-2fe
125	4	2	444-4fe	444-9fe	444-6fe	444-7fe	444-10fe	444-2fe
125	5	2	445-4fe	445-9fe	445-6fe	445-7fe	445-10fe	445-2fe



445-6





DESIGN-SOCKETS

Design-Sockets



Page

Flanged socket

102



Surface outlet

102



Flush outlet

102

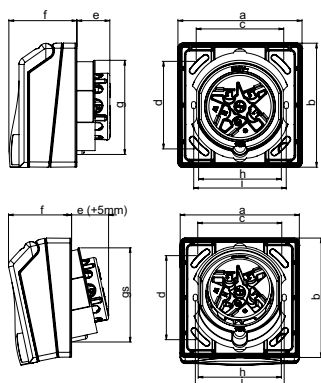


Accessories

104



Design Socket

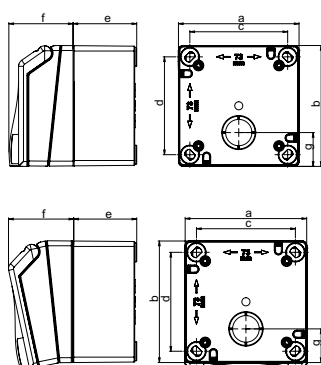


Flanged socket

	16 Amp			32 Amp	SSD
Poles	3	4	5	5	2P+E
Flange a x b [mm]	90	90	90	90	90
Fixing center c x d [mm]	60	60	60	60	60
e [mm]	23	24	24	36	16
f [mm]	48	48	48	48	48
g [mm]	66	66	69	78	66
gs [mm]	69	69	72	78	69
h [mm]	63	63	63	74	63
i [mm]	67	67	67		67
Wire flexible [mm²]	1-2,5			2,5-6	1- 2x2,5
Wire solid [mm²]	1-4			2,5-10	1- 2x2,5
Contact screws [Ncm]	100			110	80
Weight [g]	196	215	231	290	159

- with screw terminals for wiring through
- housing material: PC/ABS
- contacts: nickel-plated contacts
- Flange can be rotated by 180°- straight and sloping design all in one!
- suitable for installation of cable conduits
- 16A sockets: installation also possible in customary cavity wall and concrete sockets with fixing center 67mm
- with inscription field

IP44 splashproof

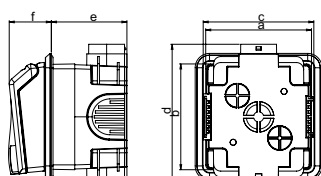


Surface outlet

	16 Amp			32 Amp	SSD
Poles	3	4	5	5	2P+E
Flange a x b [mm]	90	90	90	90	90
Fixing center c x d [mm]	73	73	73	73	73
e [mm]	47	47	47	47	47
f [mm]	48	48	48	48	48
g [mm]	25	25	25	25	25
Wire flexible [mm²]	1-2,5			2,5-6	1- 2x2,5
Wire solid [mm²]	1-4			2,5-10	1- 2x2,5
Contact screws [Ncm]	100			110	80
Weight [g]	282	302	318	376	245

- with screw terminals for wiring through
- housing material: PC/ABS
- contacts: nickel-plated contacts
- Flange can be rotated by 180°- straight and sloping design all in one!
- one side entry with offset nipple, possible entry on the other with cutout
- with inscription field

IP44 splashproof



Flush outlet

	16 Amp			32 Amp	SSD
Poles	3	4	5	5	2P+E
Flange a x b [mm]	90	90	90	90	90
Fixing center c [mm]	92	92	92	92	92
Fixing center d [mm]	115	115	115	115	115
e [mm]	64	64	64	64	64
f [mm]	35	35	35	35	35
Wire flexible [mm²]	1-2,5			2,5-6	1- 2x2,5
Wire solid [mm²]	1-4			2,5-10	1- 2x2,5
Contact screws [Ncm]	100			110	80
Weight [g]	278	298	313	373	240

- with screw terminals for wiring through
- housing material: PC/ABS
- contacts: nickel-plated contacts
- entry from top, bottom, side or rear by cutout
- in rows combinable with horizontal and vertical insertion
- with inscription field
- with integrated cover frame and a fix inclination of 6°- small projection (35mm)

IP44 splashproof



All Design Sockets are safe against ball throwing according DIN 18032 for the special application in sports halls.

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



Amp.	Poles	pack. unit	110V~	230V~	400V~	250V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 2P+E
			Cat.No.	Cat.No.	Cat.No.	Cat.No.
			(CEE-socket)	(CEE-socket)	(CEE-socket)	(with safety socket acc. Austrian/German system)
16	3	6	843-4v	843-6v	843-9v	8430v
16	4	6	844-4v	844-9v	844-6v	
16	5	6	845-4v	845-9v	845-6v	
32	5	6	855-4v	855-9v	855-6v	
16	2P+E	6				



16	3	6	863-4v	863-6v	863-9v	8630v
16	4	6	864-4v	864-9v	864-6v	
16	5	6	865-4v	865-9v	865-6v	
32	5	6	875-4v	875-9v	875-6v	
16	2P+E	6				



16	3	6	883-4v	883-6v	883-9v	8830v
16	4	6	884-4v	884-9v	884-6v	
16	5	6	885-4v	885-9v	885-6v	
32	5	6	895-4v	895-9v	895-6v	
16	2P+E	6				



**Inscription field as standard
incl. paper insert**

Flush socket outlet projection



All Design Sockets are available in the following colors: white (= standard)
and light grey:

To order white, just choose the above mentioned numbers	e.g.	845-6v	RAL 9016
To order light grey add „g“	e.g.	845-6gv	RAL 7035



Design Socket Accessories



Cover frame 1-way with gasket

- Dimensions: 105 x 105

white	9021
light grey	9021g

pack.unit: 25



Cover frame 2-way with gasket - horizontal

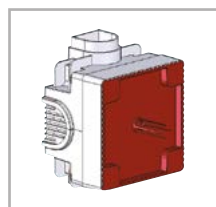
- Dimensions: WxH 195x105mm
- only for horizontal mounting

white	9022
light grey	9022g

pack.unit: 25



Plaster Cover



903

pack.unit: 25



Flush socket

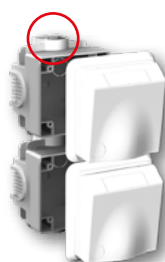
- incl. screws 4 pcs.

light grey	88300
------------	--------------

pack.unit: 10

Installation help:

Connection device for 1-way frame



1x flush outlet
e.g.: 885-6v

1x flush outlet
e.g.: 885-6v

Sliding connection for 2-way frame



2x flush socket (88300)

1x 2-way frame (e.g.: 9022)

2x flanged socket (e.g.: 845-6v)

Blank flange for surface socket and flush socket* as accessories

*) assembly only possible with frame cover

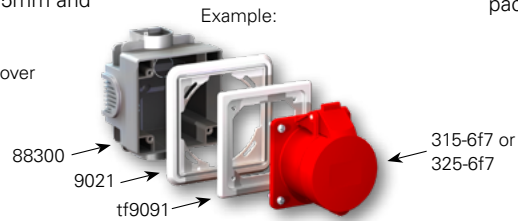
white	tf9092
light grey	tf9092g
pack.unit: 25	



Flange adapter for surface socket and flush socket* as accessories

- for fittings with flange size 75x75mm and fixing center 60x60mm

*) assembly only possible with frame cover



white	tf9091
light grey	tf9091g
pack.unit: 25	



Surface socket

- incl. screws 4 pcs.



Example:
1x surface socket 86300
1x flange adapter tf9091
1x flanged socket 325-6f7

white	86300
light grey	86300g
pack.unit: 10	



Locking



simultaneous locking	901026
	901025
pack.unit: 1	



Fast and easy installation of the lock by loose locking outbreak

Surface outlet with data socket

- Surface socket (see page 102)
- Data socket 2x Cat 6A RJ45 Modul
- M25 cable gland (double 7mm)
- IP54 (lid closed without cable inserted cable)

white	86312k452
pack.unit: 6	





SWITCHED INTERLOCKED SOCKETS

16A - 125A

Switched interlocked sockets



Page

Switched interlocked sockets – Compact series

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Switched interlocked sockets

112



Switched interlocked sockets with DIN-rail

120



Switched interlocked sockets fused

122



Switched interlocked sockets – Compact series

mechanical interlock, lockable by padlock

Switched interlocked socket - panel mounting IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	58	60	61	66	66	67
Wire flexible [mm²]	1,5-2,5			2,5-6		
Wire solid [mm²]	1,5-4			2,5-10		
Weight [g]	456	481	505	507	530	565

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts
- mechanical interlock

IP44/54 splashproof

Switched interlocked socket - panel mounting IP67

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	59	61	65	67	67	70
Wire flexible [mm²]	1,5-2,5			2,5-6		
Wire solid [mm²]	1,5-4			2,5-10		
Weight [g]	474	502	535	538	563	603

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts
- mechanical interlock

IP66/67 watertight

Advantages:

- compact design
- small dimensions- space saving storage
- all components are mounted on top
- as flanged version suitable for distribution boxes and boards
- ready wired for connection
- at switch-off position: lockable by padlock 
- mechanical interlock:
After plugging and switching-on **plug is locked**.
After switching-off and unplugging **switch is locked**.
- colored switch position

Technical data:

- switched interlocked socket for panel/wall mounting
- 16A and 32A; 3-, 4- and 5 poles
- IP44/54 and IP66/67
- **ON/OFF switch PCE-Merz ML0; EN 60947-3: AC22A; 10 kA**
- large connecting area
- enclosure made of shock-resistant thermoplastic material
- approved acc. to EN 60309, ÖVE



Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	440V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	60Hz 3h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

16	3	1	6013-4	6013-6	6013-9	6013-7
16	4	1	6014-4	6014-9	6014-6	6014-7
16	5	1	6015-4	6015-9	6015-6	6015-7
32	3	1	6023-4	6023-6	6023-9	6023-7
32	4	1	6024-4	6024-9	6024-6	6024-7
32	5	1	6025-4	6025-9	6025-6	6025-7



6015-6

16	3	1	60132-4	60132-6	60132-9	60132-7
16	4	1	60142-4	60142-9	60142-6	60142-7
16	5	1	60152-4	60152-9	60152-6	60152-7
32	3	1	60232-4	60232-6	60232-9	60232-7
32	4	1	60242-4	60242-9	60242-6	60242-7
32	5	1	60252-4	60252-9	60252-6	60252-7



60152-6

colored switch positions

- green: OFF (switch is locked)
- red: ON (plug is locked)

fixing points

additional fixing points
for panel mounting

locking system

new improved mechanical
locking system

new cover shape

modern design

new designed switch element

ergonomical shape, lockable by
padlock (off position) 

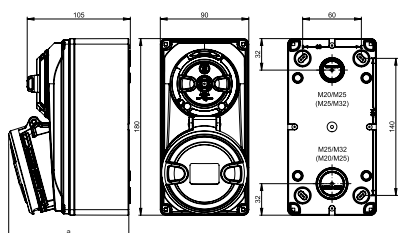
compact housing design

same dimensions as the
existing versions



Switched interlocked sockets – Compact series

mechanical interlock, lockable by padlock

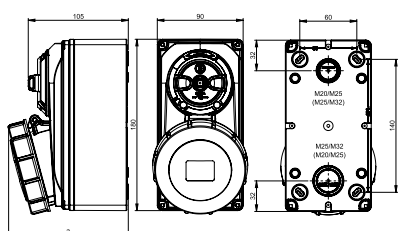


Switched interlocked socket - wall mounting IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	115	117	118	123	123	124
Wire flexible [mm²]	1,5-2,5			2,5-6		
Wire solid [mm²]	1,5-4			2,5-10		
Weight [g]	617	641	664	666	691	726

- with screw terminals
- housing material: top part PA6
bottom part PC/ABS
- contacts: nickel-plated contacts
- mechanical interlock
- rear entry M20/M25 and M25/M32
- bottom part can be rotated 180°

IP44/54 splashproof

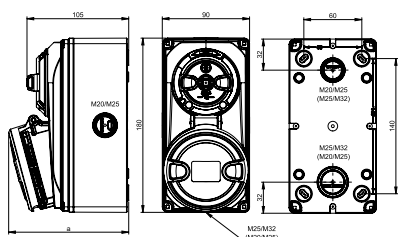


Switched interlocked socket - wall mounting IP67

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	116	118	122	124	124	127
Wire flexible [mm²]	1,5-2,5			2,5-6		
Wire solid [mm²]	1,5-4			2,5-10		
Weight [g]	636	664	694	698	725	765

- with screw terminals
- housing material: top part PA6
bottom part PC/ABS
- contacts: nickel-plated contacts
- mechanical interlock
- rear entry M20/M25 and M25/M32
- bottom part can be rotated 180°

IP66/67 watertight

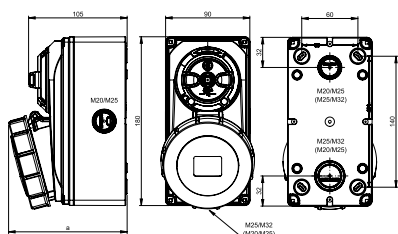


Switched interlocked socket - wall mounting with knock-out IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	115	117	118	123	123	124
Wire flexible [mm²]	1,5-2,5			2,5-6		
Wire solid [mm²]	1,5-4			2,5-10		
Weight [g]	616	640	663	665	691	725

- with screw terminals
- housing material: PA6- PC/ABS
- contacts: nickel-plated contacts
- mechanical interlock
- cable entry:
 - rear entry M20/M25 and M25/M32
 - side entry (left and right) M20/M25**
 - top entry M25/M32**
 - bottom entry M20/M25**
- bottom part can be rotated 180°

IP44/54 splashproof



Switched interlocked socket - wall mounting with knock-out IP67

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	116	118	122	124	124	127
Wire flexible [mm²]	1,5-2,5			2,5-6		
Wire solid [mm²]	1,5-4			2,5-10		
Weight [g]	635	663	693	697	725	764

- with screw terminals
- housing material: PA6- PC/ABS
- contacts: nickel-plated contacts
- mechanical interlock
- cable entry:
 - rear entry M20/M25 and M25/M32
 - side entry (left and right) M20/M25**
 - top entry M25/M32**
 - bottom entry M20/M25**
- bottom part can be rotated 180°

IP66/67 watertight

Advantages:

- compact design
- small dimensions- space saving storage
- all components are mounted on top
- as flanged version suitable for distribution boxes and boards
- ready wired for connection
- at switch-off position: lockable by padlock 
- mechanical interlock:
 - After plugging and switching-on **plug is locked.**
 - After switching-off and unplugging **switch is locked.**
- colored switch position

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	440V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	60Hz 3h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

16	3	1	6113-4	6113-6	6113-9	6113-7
16	4	1	6114-4	6114-9	6114-6	6114-7
16	5	1	6115-4	6115-9	6115-6	6115-7
32	3	1	6123-4	6123-6	6123-9	6123-7
32	4	1	6124-4	6124-9	6124-6	6124-7
32	5	1	6125-4	6125-9	6125-6	6125-7

6115-6



16	3	1	61132-4	61132-6	61132-9	61132-7
16	4	1	61142-4	61142-9	61142-6	61142-7
16	5	1	61152-4	61152-9	61152-6	61152-7
32	3	1	61232-4	61232-6	61232-9	61232-7
32	4	1	61242-4	61242-9	61242-6	61242-7
32	5	1	61252-4	61252-9	61252-6	61252-7

61152-6



16	3	1	6113-4k	6113-6k	6113-9k	6113-7k
16	4	1	6114-4k	6114-9k	6114-6k	6114-7k
16	5	1	6115-4k	6115-9k	6115-6k	6115-7k
32	3	1	6123-4k	6123-6k	6123-9k	6123-7k
32	4	1	6124-4k	6124-9k	6124-6k	6124-7k
32	5	1	6125-4k	6125-9k	6125-6k	6125-7k

6115-6k



16	3	1	61132-4k	61132-6k	61132-9k	61132-7k
16	4	1	61142-4k	61142-9k	61142-6k	61142-7k
16	5	1	61152-4k	61152-9k	61152-6k	61152-7k
32	3	1	61232-4k	61232-6k	61232-9k	61232-7k
32	4	1	61242-4k	61242-9k	61242-6k	61242-7k
32	5	1	61252-4k	61252-9k	61252-6k	61252-7k

61152-6k



Technical data:

- switched interlocked socket for panel/wall mounting
- 16A and 32A; 3-, 4- and 5 poles
- IP44/54 and IP66/67
- ON/OFF switch PCE-Merz ML0; EN 60947-3: AC22A; 10 kA**
- large connecting area
- enclosure made of shock-resistant thermoplastic material
- approved acc. to EN 60309, ÖVE



Switched interlocked sockets 16/32A

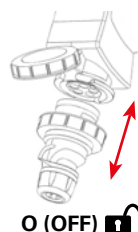
The new generation switched interlocked sockets 16/32A is a combination of modern design and highest performance (according to EN60309, ÖVE)

VERSIONS:

- ✓ 16A and 32A
- ✓ 3-, 4- and 5-poles up to 690V (5h)
- ✓ IP rating IP44/54 and IP66/67
- ✓ for installation indoors and outdoors
- ✓ 2 housing sizes: 230mm without protection
340mm with protection

ADVANTAGES:

- Housing components made of high valuable **PC/ABS** plastics
- **Robust construction** for wall mounting
- **Housing screws stainless steel**
- **Large rotary knob**
3-times lockable in OFF position with padlock (40mm, Ø_{max.} 9mm) 
- ***Mechanical interlock**
 - after plugging and switching ON plug is locked
 - after switching OFF and unplugging switch is locked





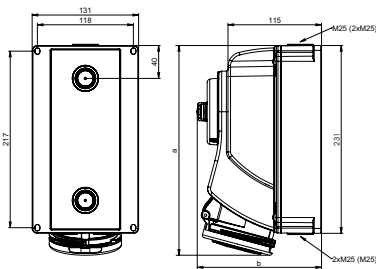
SWITCHED INTERLOCKED SOCKETS PROTECTED

- long version (340mm) with window for 5 units
- window easy accessible on top
- integrated DIN rail EN50022 for all standard protection elements (MCB, RCD, ...)
- ready wired to the DIN rail



Switched interlocked sockets – for wall mounting

mechanical interlock, lockable by padlock



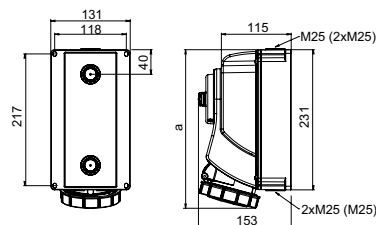
Switched interlocked socket – wall mounting IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	249	249	249	259	259	259
b [mm]	153	153	153	153	153	153
M* [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm ²]	1,5-2,5			2,5-6		
Wire solid [mm ²]	1,5-4			2,5-10		
Weight [g]	1067	1072	1118	1123	1136	1183

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- mechanical interlock
- top, bottom or rear entry
- incl. threaded bung

IP44/54 splashproof

* Option: M32 or closed



Switched interlocked socket – wall mounting IP67

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	251	251	253	260	260	262
b [mm]	153	153	153	153	153	153
M* [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm ²]	1,5-2,5			2,5-6		
Wire solid [mm ²]	1,5-4			2,5-10		
Weight [g]	1130	1150	1190	1210	1220	1270

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- mechanical interlock
- top, bottom or rear entry
- incl. threaded bung

IP66/67 watertight

* Option: M32 or closed

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	440V~
			50/60Hz 4h	50/60Hz 3p= 6h 4p+5p= 9h	50/60Hz 3p= 9h 4p+5p= 6h	50/60Hz 7h	60Hz 3h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	1	7513-4	7513-6	7513-9	7513-7	
16	4	1	7514-4	7514-9	7514-6	7514-7	
16	5	1	7515-4	7515-9	7515-6	7515-7	
32	3	1	7523-4	7523-6	7523-9	7523-7	
32	4	1	7524-4	7524-9	7524-6	7524-7	
32	5	1	7525-4	7525-9	7525-6	7525-7	



7525-6

16	3	1	75132-4	75132-6	75132-9	75132-7	
16	4	1	75142-4	75142-9	75142-6	75142-7	
16	5	1	75152-4	75152-9	75152-6	75152-7	
32	3	1	75232-4	75232-6	75232-9	75232-7	
32	4	1	75242-4	75242-9	75242-6	75242-7	75242-3
32	5	1	75252-4	75252-9	75252-6	75252-7	



75252-6

Advantages:

- stable design for wall mounting
- mechanical interlock:
after plugging and switching-on **plug is locked**
after switching-off and unplugging **switch is locked**
- all components are mounted on bottom
- large connecting area
- ready wired for connection
- for 16A and 32A wiring-through
- at switch-off position: lockable by padlock (40mm) 

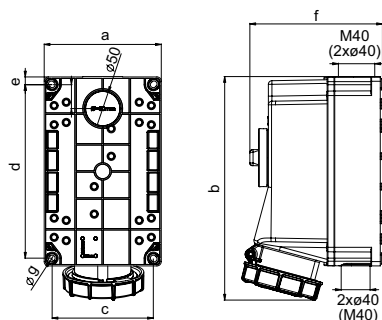
Technical data:

- switched interlocked socket
- 16A and 32A 3-, 4- and 5 poles
- IP44/54 and IP66/67
- **ON/OFF switch PCE-Merz ML0; EN 60947-3; AC22A, 10kA**
- large connection area
- enclosure made of shock-resistant thermoplastic material
- approved acc. to EN60309, ÖVE



Switched interlocked sockets – for wall mounting

mechanical interlock, lockable by padlock



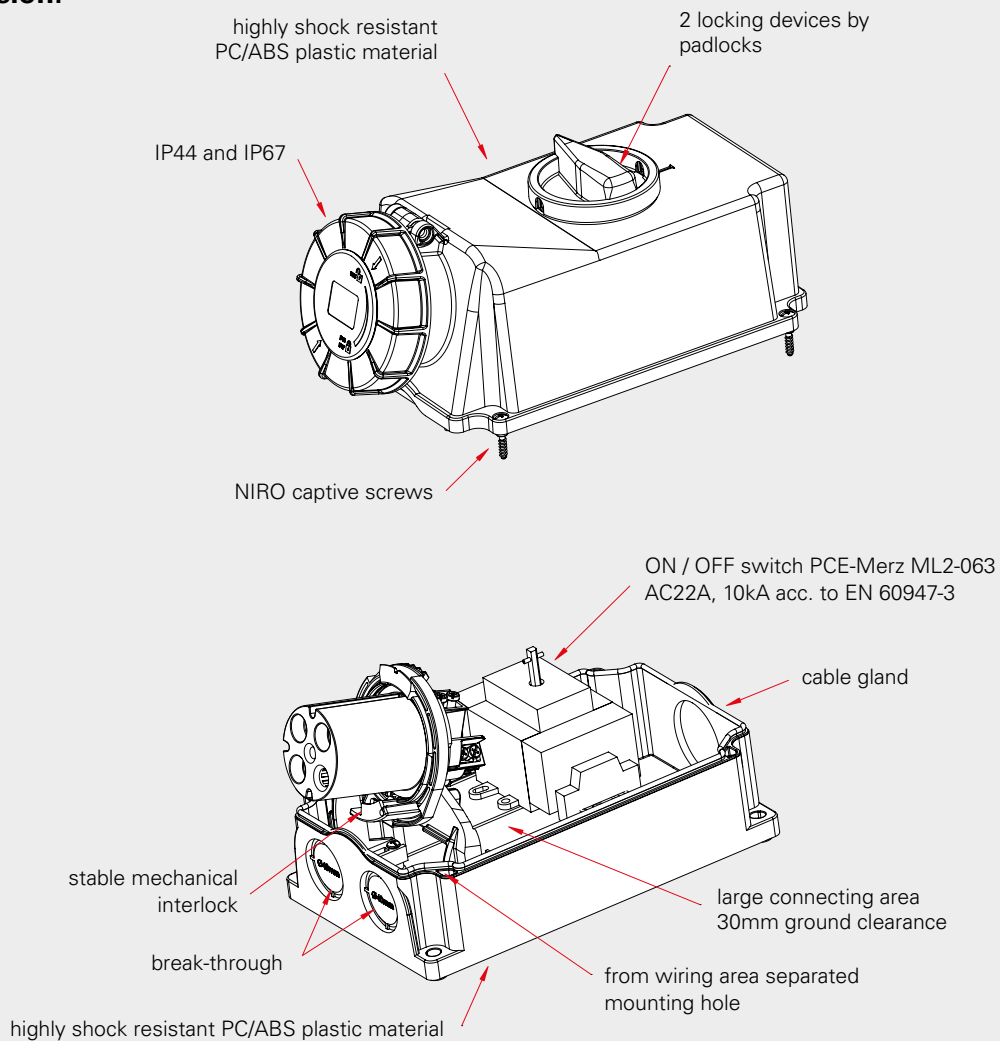
Switched interlocked socket – wall mounting IP67

	63 Amp		
Poles	3	4	5
a [mm]	162	162	162
b [mm]	310	310	310
c [mm]	140	140	140
d [mm]	240	240	240
e [mm]	11	11	11
f [mm]	184	184	184
g [mm]	9	9	9
Wire flexible [mm ²]	6-25		
Wire solid [mm ²]	6-35		
Weight [g]	2049	2032	2179

- with screw terminals
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
- mechanical interlock
- top, bottom or rear entry
- housing can be rotated by 180°
- incl. threaded bung

IP66/67 watertight

63A version:



Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	440V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	60Hz 3h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
63	3	1	75332-4	75332-6	75332-9	75332-7	
63	4	1	75342-4	75342-9	75342-6	75342-7	
63	5	1	75352-4	75352-9	75352-6	75352-7	



75352-6

Advantages:

- housing material: high shock-resistant PC/ABS
- stable design for wall mounting
- suitable for in- and outdoor installations
- mechanical interlock:
 - after plugging and switching-on plug is locked
 - after switching-off and unplugging switch is locked
- generously sized connecting area
- ready wired for connection
- at switch-off position: lockable by padlock 40mm 
- external screws made of stainless steel

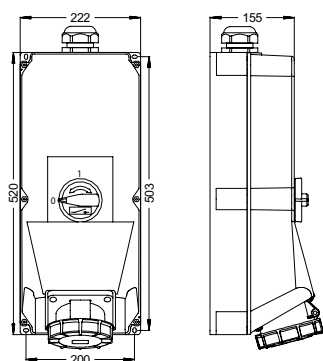
Technical data 63A:

- 63A 3-, 4- and 5 poles
- terminals max. 25/35mm²
- multiple cable entry options
- degree of protection IP66/67
- main switch PCE Merz ML2-063
 - category AC22A, 690V (AC3, 690V, 3~, 22kW)
 - rated conditional short-circuit-current 10kA
 - mechanical life of 30.000 cycles
- approved acc. to EN60309, ÖVE



Switched interlocked sockets – for wall mounting

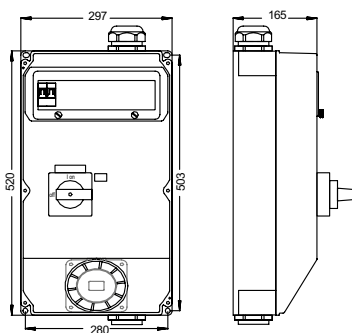
mechanical or electric interlock, lockable by padlock



Switched interlocked socket – mechanical interlock 125A

- **WxHxD = 520x222x155mm**
- with screw terminals
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
- mechanical interlock
- top entry
- compact design

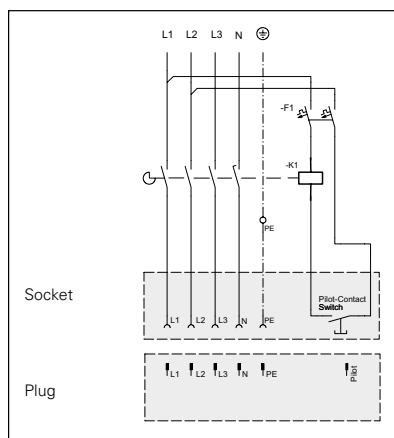
IP67 watertight



Switched interlocked socket – electric interlock 125A

- **WxHxD = 520x297x165mm**
- material PC/ABS
- compact design
- controlled by circuit breaker 125A 4p with integrated low voltage circuit breaker 400V by PCS-system (see page 8)
- top or bottom entry (M63)
- control circuit protected with circuit breaker 10A 2p
- thermic release adjustable from 0,7 to 1 In
- manual resetting after voltage breakdown of the entry (trip position)

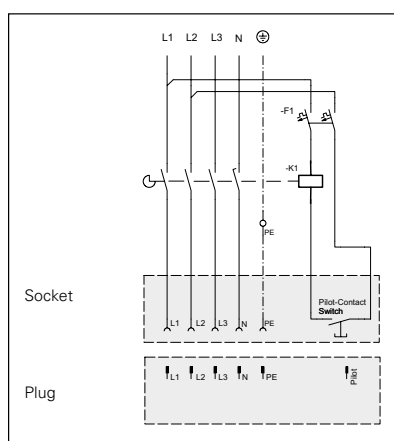
IP54 splash- and dustproof
IP66 on request



Switched interlocked socket – electric interlock 125A

- **WxHxD = 460x260x220mm**
- metal housing (RAL 7035), protection degree IP66
- controlled by circuit breaker 125A 4p with integrated low voltage circuit breaker 400V by PCS-system (see page 8)
- optional with integrated RCD protection device
- wall mounting devices outside
- top or bottom entry (M63)
- control circuit protected with circuit breaker 10A 2p
- thermic release adjustable from 0,7 to 1 In
- manual resetting after voltage breakdown of the entry (trip position)

IP66 watertight



Circuit diagram

■ ■ ■ Technical data 125A:

- 125A 3-, 4- and 5 poles
- terminals max. 70/50mm²
- cable gland M50 (cable diameter 32-38mm)
- degree of protection IP66 or 67

125	3	1	9755090	9755102	9755091	9755101
125	4	1	9755095	9755096	9755099	9755098
125	5	1	9755104	9755105	9755100	9755103
Special designs available on request						

Special designs available on request



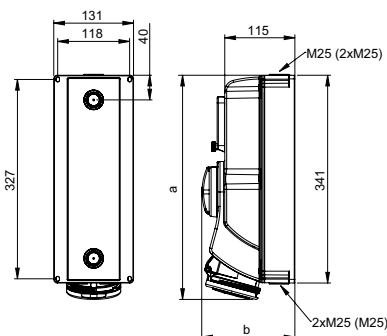
9755100



- circuit breaker PCE Merz ML3
 - category AC22A, 690V (AC3, 690V, 3~, 45kW)
 - rated conditional short-circuit-current 10kA
 - mechanical life of 30.000 cycles
- approved acc. to EN60309, ÖVE

Switched interlocked sockets – with DIN-rail

mechanical interlock, lockable by padlock



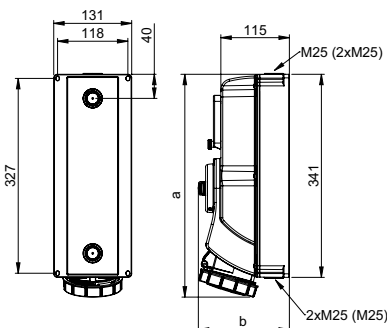
Switched interlocked socket – wall mounting IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	359	359	359	369	369	369
b [mm]	153	153	153	153	153	153
M* [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm ²]	1,5-2,5			2,5-6		
Wire solid [mm ²]	1,5-4			2,5-10		
Weight [g]	1454	1459	1505	1510	1523	1570

* Option: M32 or closed

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- mechanical interlock
- top, bottom or rear entry
- incl. threaded bung
- with DIN-rail and hinged window for 5 modules

IP44/54 splashproof



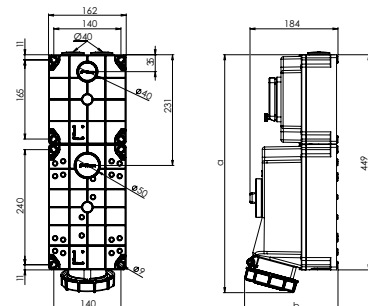
Switched interlocked socket – wall mounting IP67

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	361	361	363	371	371	372
b [mm]	153	153	153	153	153	153
M* [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm ²]	1,5-2,5			2,5-6		
Wire solid [mm ²]	1,5-4			2,5-10		
Weight [g]	1489	1494	1540	1545	1557	1605

* Option: M32 or closed

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- mechanical interlock
- top, bottom or rear entry
- incl. threaded bung
- with DIN-rail and hinged window for 5 modules

IP66/67 watertight



Switched interlocked socket – wall mounting IP67 POWERWIST

Poles	63 Amp		
	3	4	5
a [mm]	496	496	496
b [mm]	195	195	195
Wire flexible [mm ²]	6-16		
Wire solid [mm ²]	6-16		
Weight [g]	2900	2975	3050

- contact frame with screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
- mechanical interlock
- top, bottom or rear entry
- incl. threaded bung
- with DIN-rail and hinged window for 6 modules

IP66/67 watertight

■ ■ ■ Technical data to 16A and 32A version:

- like Series 75 ... but:
- large version with spring-loaded window for 5 modules
- integrated DIN-rail EN 50022 for standard fuses, e.g. MCBs, RCDs, etc. with cap-dimensions: 45 mm
- ready wired for connection up to DIN-rail

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	440V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	60Hz 3h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

16	3	1	7613-4	7613-6	7613-9	7613-7
16	4	1	7614-4	7614-9	7614-6	7614-7
16	5	1	7615-4	7615-9	7615-6	7615-7
32	3	1	7623-4	7623-6	7623-9	7623-7
32	4	1	7624-4	7624-9	7624-6	7624-7
32	5	1	7625-4	7625-9	7625-6	7625-7



7625-6

16	3	1	76132-4	76132-6	76132-9	76132-7
16	4	1	76142-4	76142-9	76142-6	76142-7
16	5	1	76152-4	76152-9	76152-6	76152-7
32	3	1	76232-4	76232-6	76232-9	76232-7
32	4	1	76242-4	76242-9	76242-6	76242-7
32	5	1	76252-4	76252-9	76252-6	76252-7



76252-6

63	3	1	76332-4	76332-6	76332-9	76332-7
63	4	1	76342-4	76342-9	76342-6	76342-7
63	5	1	76352-4	76352-9	76352-6	76352-7



76352-6

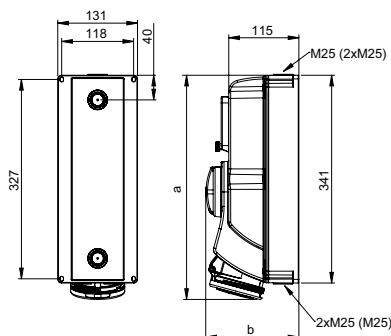
Technical data to 63A version:

- like Series 75 ... but:
- window with 6 modules
- integrated DIN-rail EN 50022 for standard fuses, e.g. MCBs, RCDs, etc.
with cap-diameters: 45mm
- ready wired for connection up to DIN-rail



Switched interlocked sockets – with fuseholder / fuse

mechanical interlock, lockable by padlock



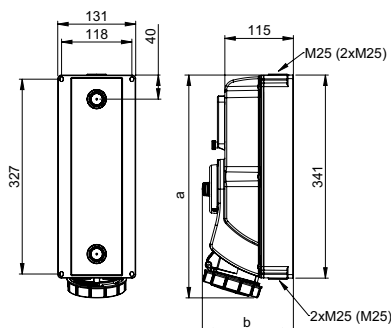
Switched interlocked socket – wall mounting IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	359	359	359	369	369	369
b [mm]	153	153	153	153	153	153
M* [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm ²]	1,5-2,5			2,5-6		
Wire solid [mm ²]	1,5-4			2,5-10		
Weight [g]	1789	1794	1840	1845	1858	1905

* Option: M32 or closed

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- mechanical interlock
- top, bottom or rear entry
- incl. threaded bung
- fuseholder for Neozed fuses (without fuses) ; > 400V cylindrical fuse 14x51 (inkl. fuses)

IP44/54 splashproof



Switched interlocked socket – wall mounting IP67

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	361	361	363	371	371	372
b [mm]	153	153	153	153	153	153
M* [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm ²]	1,5-2,5			2,5-6		
Wire solid [mm ²]	1,5-4			2,5-10		
Weight [g]	1819	1824	1870	1875	1888	1935

* Option: M32 or closed

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- mechanical interlock
- top, bottom or rear entry
- incl. threaded bung
- fuseholder for Neozed fuses (without fuses) ; > 400V cylindrical fuse 14x51 (inkl. fuses)

IP66/67 watertight

■ ■ ■ Technical data to 16A and 32A version:

- like Series 76 ... but:
- with fuse:
for 16A and 32A: Neozed D01, D02; > 400V: cylindr. fuse 14x51
- ready wired

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	440V~
			50/60Hz 4h	50/60Hz 3p= 6h 4p+5p= 9h	50/60Hz 3p= 9h 4p+5p= 6h	50/60Hz 7h	60Hz 3h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	1	7813-4	7813-6	7813-9	7813-7	
16	4	1	7814-4	7814-9	7814-6	7814-7	
16	5	1	7815-4	7815-9	7815-6	7815-7	
32	3	1	7823-4	7823-6	7823-9	7823-7	
32	4	1	7824-4	7824-9	7824-6	7824-7	
32	5	1	7825-4	7825-9	7825-6	7825-7	



7825-6

16	3	1	78132-4	78132-6	78132-9	78132-7	
16	4	1	78142-4	78142-9	78142-6	78142-7	
16	5	1	78152-4	78152-9	78152-6	78152-7	
32	3	1	78232-4	78232-6	78232-9	78232-7	
32	4	1	78242-4	78242-9	78242-6	78242-7	78242-3
32	5	1	78252-4	78252-9	78252-6	78252-7	



78252-6



Protective extra-low-voltage

...is a preventive measure **for use under extreme conditions**. The **rated voltage** (AC) is limited by **max. 50V**.

Special working conditions like conductive environment in or on boilers, pipelines, containers, metal frames or limited freedom of motion require the use of extra-low-voltage plugs and sockets.

The new **"Twist" extra-low-voltage** series provides a **complete range of plugs, connectors and flanged sockets** which meet all installation requirements, specially developed for use on building sites, shipyards and in factories. Connecting the cable is fast and reliable! No tools are needed for the assembly of the cable gland and the housing!



TWIST EXTRA-LOW VOLTAGE

TWIST Extra-low voltage



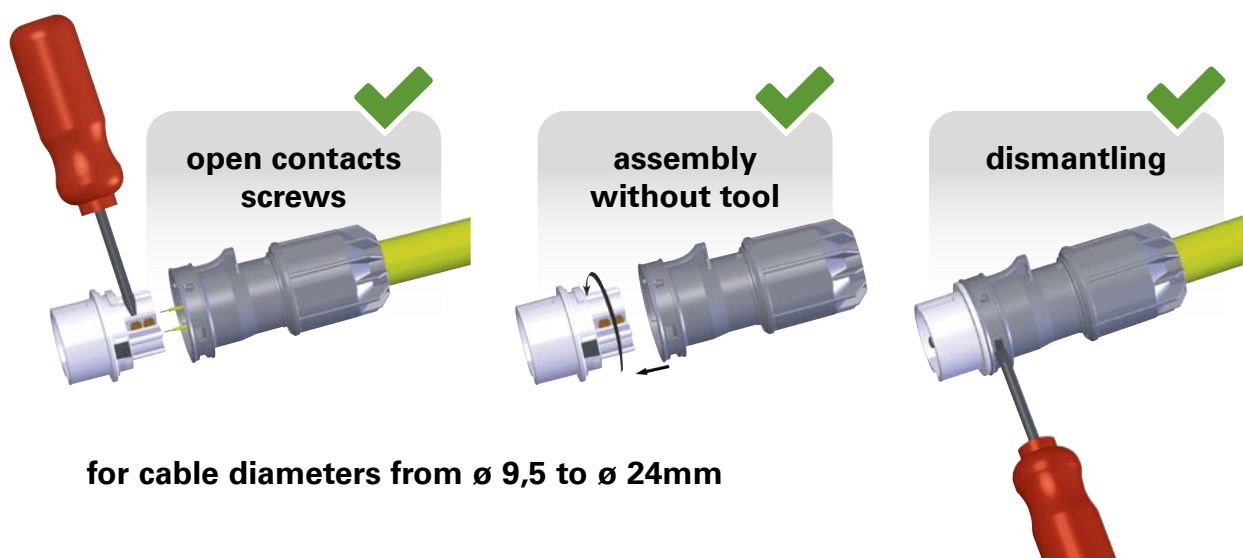
VERSIONS:

- 16A and 32A
- IP44, IP44/54 and IP67, IP66/67
- Plug, connector and sockets
- 2p and 3p
- 24V and 42V
- DC, 50/60Hz, 100 to 500 Hz



ADVANTAGES:

- easy fitting by twist-lock action
- simply unlock and twist to open
- TWIST screwless cable gland for very userfriendly, quick and easy assembly
- fast cable installation
- strain relief and sealing of the cable by tightening the cable-lock gland
- maximum cable security and 100% seal
- ample connection space
- nickel-plated contacts
- multi-ramp quick-lock system

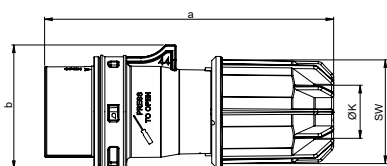


Extra-low voltage – plugs and sockets

Protective extra-low voltage

is a preventive measure for use under extreme conditions, the rated voltage (AC) is limited by max. 50V.

Special working conditions (conductive environment) e.g. in or on boilers, pipelines, containers, metal frames or limited freedom of motion require the use of extra-low voltage plugs and sockets.

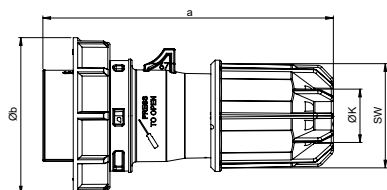


Plug IP44 TWIST

	16 Amp		32 Amp	
Poles	2	3	2	3
a [mm]	135	135	135	135
b [mm]	57	57	57	57
K_cable Ø [mm]	9,5-24	9,5-24	9,5-24	9,5-24
Wire flexible [mm²]	1-10			
Contact screws [Ncm]	160			
SW [mm]	48			
Weight [g]	142	160	142	160

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP44 splashproof

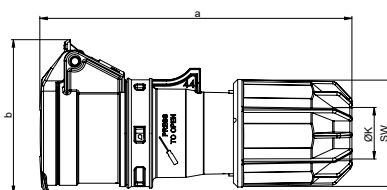


Plug IP67 TWIST

	16 Amp		32 Amp	
Poles	2	3	2	3
a [mm]	135	135	135	135
b [mm]	71	71	71	71
K_cable Ø [mm]	9,5-24	9,5-24	9,5-24	9,5-24
Wire flexible [mm²]	1-10			
Contact screws [Ncm]	160			
SW [mm]	48			
Weight [g]	164	182	164	182

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP67 watertight

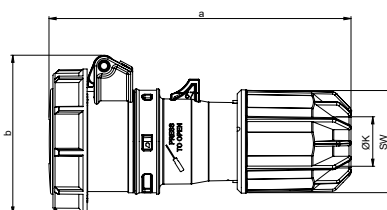


Connector IP44 TWIST

	16 Amp		32 Amp	
Poles	2	3	2	3
a [mm]	150	150	150	150
b [mm]	75	75	75	75
K_cable Ø [mm]	9,5-24	9,5-24	9,5-24	9,5-24
Wire flexible [mm²]	1-10			
Contact screws [Ncm]	160			
SW [mm]	48			
Weight [g]	179	199	179	199

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP44 splashproof



Connector IP67 TWIST

	16 Amp		32 Amp	
Poles	2	3	2	3
a [mm]	150	150	150	150
b [mm]	78	78	78	78
K_cable Ø [mm]	9,5-24	9,5-24	9,5-24	9,5-24
Wire flexible [mm²]	1-10			
Contact screws [Ncm]	160			
SW [mm]	48			
Weight [g]	199	219	199	219

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP67 watertight

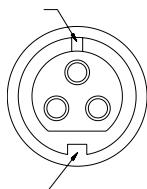
Amp.	Poles	pack. unit	24V~	42V~	24/42V~	24/42V~	24/42V~	24/42V~	24/42V~
			50/60Hz without Minor key	50/60Hz 12h	100-200Hz 4h	300Hz 2h	400Hz 3h	401-500Hz 11h	DC 10h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

PCE

Examples:

View: socket (front)

Minor key
3 pol.



Major key
3 pol.

For extra-low voltage a minor key is used to distinguish voltage and frequency- see table.

Rated Voltage- V	Frequency- Hz	Clockwise position		Color acc. to EN 60309
		2P	3P	
20- 25	50 / 60	without Minor key	without Minor key	Violet
40- 50	50 / 60	12	12	White
20- 25 and 40- 50	100- 200	4	4	Green
	300	2	2	Green
	400	3	3	Green
	> 400- 500	11	11	Green
	DC	10	-	White

16	2	10	062v	082-12v	082-4v	082-2v	082-3v	082-11v	082-10v
16	3	10	063v	083-12v	083-4v	083-2v	083-3v	083-11v	083-10v
32	2	10	072v	092-12v	092-4v	092-2v	092-3v	092-11v	092-10v
32	3	10	073v	093-12v	093-4v	093-2v	093-3v	093-11v	093-10v



083-3v

16	2	10	0622v	0822-12v	0822-4v	0822-2v	0822-3v	0822-11v	0822-10v
16	3	10	0632v	0832-12v	0832-4v	0832-2v	0832-3v	0832-11v	0832-10v
32	2	10	0722v	0922-12v	0922-4v	0922-2v	0922-3v	0922-11v	0922-10v
32	3	10	0732v	0932-12v	0932-4v	0932-2v	0932-3v	0932-11v	0932-10v



0622v

16	2	10	262v	282-12v	282-4v	282-2v	282-3v	282-11v	282-10v
16	3	10	263v	283-12v	283-4v	283-2v	283-3v	283-11v	283-10v
32	2	10	272v	292-12v	292-4v	292-2v	292-3v	292-11v	292-10v
32	3	10	273v	293-12v	293-4v	293-2v	293-3v	293-11v	293-10v



282-4v

16	2	10	2622v	2822-12v	2822-4v	2822-2v	2822-3v	2822-11v	2822-10v
16	3	10	2632v	2832-12v	2832-4v	2832-2v	2832-3v	2832-11v	2832-10v
32	2	10	2722v	2922-12v	2922-4v	2922-2v	2922-3v	2922-11v	2922-10v
32	3	10	2732v	2932-12v	2932-4v	2932-2v	2932-3v	2932-11v	2932-10v

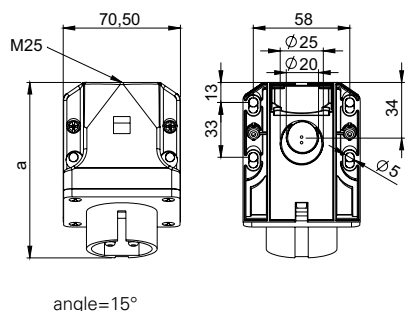


2622v



Extra-low voltage – plugs and sockets

Wall mounted plug IP44

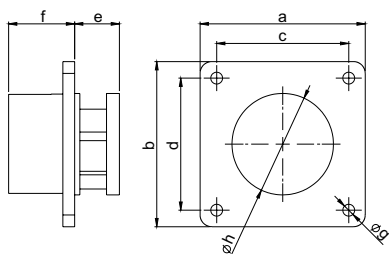


	16 Amp		32 Amp	
Poles	2	3	2	3
a [mm]	106	106	106	106
Height [mm]	77	77	77	77
M [mm]	25	25	25	25
Wire flexible [mm²]	4-10			
Wire solid [mm²]	4-10			
Contact screws [Ncm]	110			
Weight [g]	165	180	165	180

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

Flanged plug straight IP44

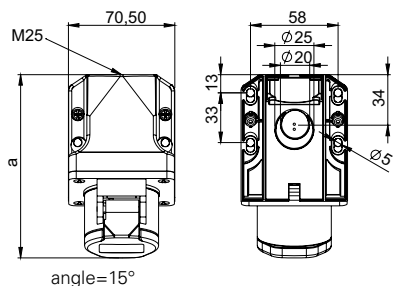


	16 Amp		32 Amp	
Poles	2	3	2	3
Flange a x b [mm]	70	70	70	70
Fixing center c x d [mm]	56	56	56	56
e [mm]	19	19	19	19
f [mm]	28	28	28	28
g [mm]	5	5	5	5
h [mm]	43	43	43	43
Wire flexible [mm²]	4-10			
Wire solid [mm²]	4-10			
Contact screws [Ncm]	110			
Weight [g]	77	93	77	93

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- According to EN 60309:
For correct use a locking device has to be provided (see page 10)

IP44 splashproof

Wall socket IP44

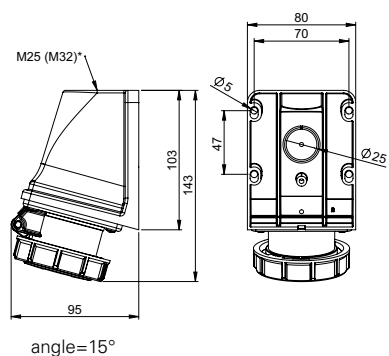


	16 Amp		32 Amp	
Poles	2	3	2	3
a [mm]	119	119	119	119
Height [mm]	85	85	85	85
M [mm]	25	25	25	25
Wire flexible [mm²]	1-10			
Wire solid [mm²]	1,5-10			
Contact screws [Ncm]	110			
Weight [g]	198	215	198	215

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall socket IP66/67



	16 Amp		32 Amp	
Poles	2	3	2	3
a [mm]	143	143	143	143
Height [mm]	95	95	95	95
M [mm]	25	25	25	25
Wire flexible [mm²]	1-10			
Wire solid [mm²]	1,5-10			
Contact screws [Ncm]	110			
Weight [g]	231	251	231	251

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- top and rear entry
- incl. threaded bung

IP66/67 watertight

* Option: M32

Amp.	Poles	pack. unit	24V~	42V~	24/42V~	24/42V~	24/42V~	24/42V~	24/42V~
			50/60Hz without Minor key	50/60Hz 12h	100-200Hz 4h	300Hz 2h	400Hz 3h	401-500Hz 11h	DC 10h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

16	2	10	562v	582-12v	582-4v	582-2v	582-3v	582-11v	582-10v
16	3	10	563v	583-12v	583-4v	583-2v	583-3v	583-11v	583-10v
32	2	10	572v	592-12v	592-4v	592-2v	592-3v	592-11v	592-10v
32	3	10	573v	593-12v	593-4v	593-2v	593-3v	593-11v	593-10v



582-12v

with flange 70 x 70 - fixing center 56 x 56									
16	2	10	662v	682-12v	682-4v	682-2v	682-3v	682-11v	682-10v
16	3	10	663v	683-12v	683-4v	683-2v	683-3v	683-11v	683-10v
32	2	10	672v	692-12v	692-4v	692-2v	692-3v	692-11v	692-10v
32	3	10	673v	693-12v	693-4v	693-2v	693-3v	693-11v	693-10v



682-12v

16	2	10	162v	182-12v	182-4v	182-2v	182-3v	182-11v	182-10v
16	3	10	163v	183-12v	183-4v	183-2v	183-3v	183-11v	183-10v
32	2	10	172v	192-12v	192-4v	192-2v	192-3v	192-11v	192-10v
32	3	10	173v	193-12v	193-4v	193-2v	193-3v	193-11v	193-10v



162v

16	2	10	1622v	1822-12v	1822-4v	1822-2v	1822-3v	1822-11v	1822-10v
16	3	10	1632v	1832-12v	1832-4v	1832-2v	1832-3v	1832-11v	1832-10v
32	2	10	1722v	1922-12v	1922-4v	1922-2v	1922-3v	1922-11v	1922-10v
32	3	10	1732v	1932-12v	1932-4v	1932-2v	1932-3v	1932-11v	1932-10v



1922-4v



Extra-low voltage – plugs and sockets

Extra-low voltage: flanged sockets straight 16/32A, 2p/3p, <50V

- with screw terminals
- housing material: PA6
- contacts: nickel-plated



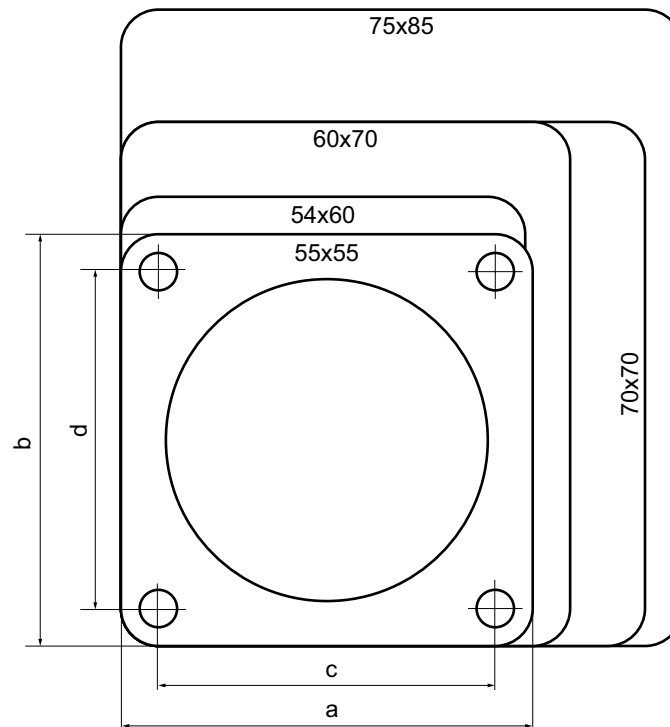
ADVANTAGES:

- reinforced lid
- **one-piece housing**
- bigger terminal connection area
- 6 different flanges available (others on request)
- **IP44/54** dust- & splashproof or
- **IP66/67** watertight



Flanged socket straight

Dimensions:



Versions:

Flange		Fixing center		Page	16A		32A	
a	b	c	d	#	2p	3p	2p	3p
54	60	44	44	132-133	IP44	IP44	IP44	IP44
				134-135	IP67	IP67	IP67	IP67
55	55	41	41	132-133	IP44	IP44	IP44	IP44
55	55	45	45	132-133	IP44	IP44	IP44	IP44
60	70	47	53	132-133	IP44	IP44	IP44	IP44
70	70	56	56	132-133	IP44	IP44	IP44	IP44
75	85	60	60	132-133	IP44	IP44	IP44	IP44
				134-135	IP67	IP67	IP67	IP67



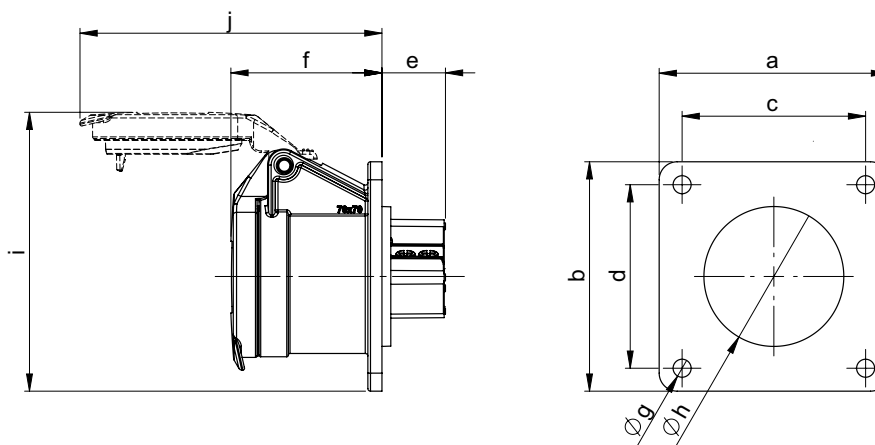
Extra-low voltage – plugs and sockets

Flanged socket straight IP44/54

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- reinforced lid
- large connection area

IP44/54

dust- & splashproof



Flange		Fixing center		Amp	Poles	e	f	Ø g	Ø h	i	j	Weight [g]
a	b	c	d									
54	60	44	44	16	2	19	47	5,5	43	81	93	109
				3	3							130
				32	2							109
				3	3							130
55	55	41	41	16	2	19	47	4,5	43	79	93	109
				3	3							129
				32	2							109
				3	3							129
55	55	45	45	16	2	19	47	4,5	43	79	93	108
				3	3							128
				32	2							108
				3	3							128
60	70	47	53	16	2	19	47	5,5	43	86	93	113
				3	3							133
				32	2							113
				3	3							133
70	70	56	56	16	2	19	47	5,5	43	86	93	118
				3	3							138
				32	2							118
				3	3							138
75	85	60	60	16	2	19	47	5,5	43	93	93	136
				3	3							146
				32	2							126
				3	3							146

- Connection type: Screw terminal
- Wire flexible: 1-10 mm²
- Wire solid: 1,5-10 mm²
- Contact screws: 110 Ncm

Flange (Fixing center)	Amp.	Poles	24V~	42V~	24/42V~	24/42V~	24/42V~	24/42V~	24/42V~
			50/60Hz without Minor key	50/60Hz 12h	100-200Hz 4h	300Hz 2h	400Hz 3h	401-500Hz 11h	DC 10h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
54 x 60 (44 x 44)	16	2	362f9v	382-12f9v	382-4f9v	382-2f9v	382-3f9v	382-11f9v	382-10f9v
	16	3	363f9v	383-12f9v	383-4f9v	383-2f9v	383-3f9v	383-11f9v	383-10f9v
	32	2	372f9v	392-12f9v	392-4f9v	392-2f9v	392-3f9v	392-11f9v	392-10f9v
	32	3	373f9v	393-12f9v	393-4f9v	393-2f9v	393-3f9v	393-11f9v	393-10f9v
55 x 55 (41 x 41)	16	2	362f4v	382-12f4v	382-4f4v	382-2f4v	382-3f4v	382-11f4v	382-10f4v
	16	3	363f4v	383-12f4v	383-4f4v	383-2f4v	383-3f4v	383-11f4v	383-10f4v
	32	2	372f4v	392-12f4v	392-4f4v	392-2f4v	392-3f4v	392-11f4v	392-10f4v
	32	3	373f4v	393-12f4v	393-4f4v	393-2f4v	393-3f4v	393-11f4v	393-10f4v
55 x 55 (45 x 45)	16	2	362f5v	382-12f5v	382-4f5v	382-2f5v	382-3f5v	382-11f5v	382-10f5v
	16	3	363f5v	383-12f5v	383-4f5v	383-2f5v	383-3f5v	383-11f5v	383-10f5v
	32	2	372f5v	392-12f5v	392-4f5v	392-2f5v	392-3f5v	392-11f5v	392-10f5v
	32	3	373f5v	393-12f5v	393-4f5v	393-2f5v	393-3f5v	393-11f5v	393-10f5v
60 x 70 (47 x 53)	16	2	362f8v	382-12f8v	382-4f8v	382-2f8v	382-3f8v	382-11f8v	382-10f8v
	16	3	363f8v	383-12f8v	383-4f8v	383-2f8v	383-3f8v	383-11f8v	383-10f8v
	32	2	372f8v	392-12f8v	392-4f8v	392-2f8v	392-3f8v	392-11f8v	392-10f8v
	32	3	373f8v	393-12f8v	393-4f8v	393-2f8v	393-3f8v	393-11f8v	393-10f8v
70 x 70 (56 x 56)	16	2	362v	382-12v	382-4v	382-2v	382-3v	382-11v	382-10v
	16	3	363v	383-12v	383-4v	383-2v	383-3v	383-11v	383-10v
	32	2	372v	392-12v	392-4v	392-2v	392-3v	392-11v	392-10v
	32	3	373v	393-12v	393-4v	393-2v	393-3v	393-11v	393-10v
75 x 85 (60 x 60)	16	2	362f87v	382-12f87v	382-4f87v	382-2f87v	382-3f87v	382-11f87v	382-10f87v
	16	3	363f87v	383-12f87v	383-4f87v	383-2f87v	383-3f87v	383-11f87v	383-10f87v
	32	2	372f87v	392-12f87v	392-4f87v	392-2f87v	392-3f87v	392-11f87v	392-10f87v
	32	3	373f87v	393-12f87v	393-4f87v	393-2f87v	393-3f87v	393-11f87v	393-10f87v



373f87v



392-3f87v

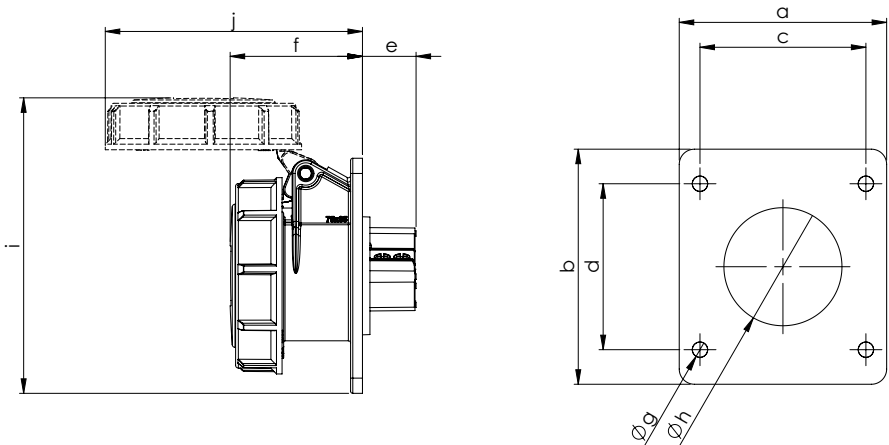
Extra-low voltage – plugs and sockets

Flanged socket straight IP66/67

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- closing lid
- large connection area

IP66/67

watertight



Flange		Fixing center		Amp	Poles	e	f	Ø g	Ø h	i	j	Weight [g]
a	b	c	d									
54	60	44	44	16	2	19	48	5,5	43	95	93	131
				3	3							151
				32	2							131
				3	3							151
75	85	60	60	16	2	19	48	5,5	43	107	93	145
				3	3							165
				32	2							145
				3	3							165

- Connection type: Screw terminal
- Wire flexible: 1-10 mm²
- Wire solid: 1,5-10 mm²
- Contact screws: 110 Ncm

Flange (Fixing center)	Amp.	Poles	24V~	42V~	24/42V~	24/42V~	24/42V~	24/42V~	24/42V~
			50/60Hz without Minor key	50/60Hz 12h	100-200Hz 4h	300Hz 2h	400Hz 3h	401-500Hz 11h	DC 10h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

PCE

54 x 60 (44 x 44)	16	2	3622f9v	3822-12f9v	3822-4f9v	3822-2f9v	3822-3f9v	3822-11f9v	3822-10f9v
	16	3	3632f9v	3832-12f9v	3832-4f9v	3832-2f9v	3832-3f9v	3832-11f9v	3832-10f9v
	32	2	3722f9v	3922-12f9v	3922-4f9v	3922-2f9v	3922-3f9v	3922-11f9v	3922-10f9v
	32	3	3732f9v	3932-12f9v	3932-4f9v	3932-2f9v	3932-3f9v	3932-11f9v	3932-10f9v
75 x 85 (60 x 60)	16	2	3622f87v	3822-12f87v	3822-4f87v	3822-2f87v	3822-3f87v	3822-11f87v	3822-10f87v
	16	3	3632f87v	3832-12f87v	3832-4f87v	3832-2f87v	3832-3f87v	3832-11f87v	3832-10f87v
	32	2	3722f87v	3922-12f87v	3922-4f87v	3922-2f87v	3922-3f87v	3922-11f87v	3922-10f87v
	32	3	3732f87v	3932-12f87v	3932-4f87v	3932-2f87v	3932-3f87v	3932-11f87v	3932-10f87v

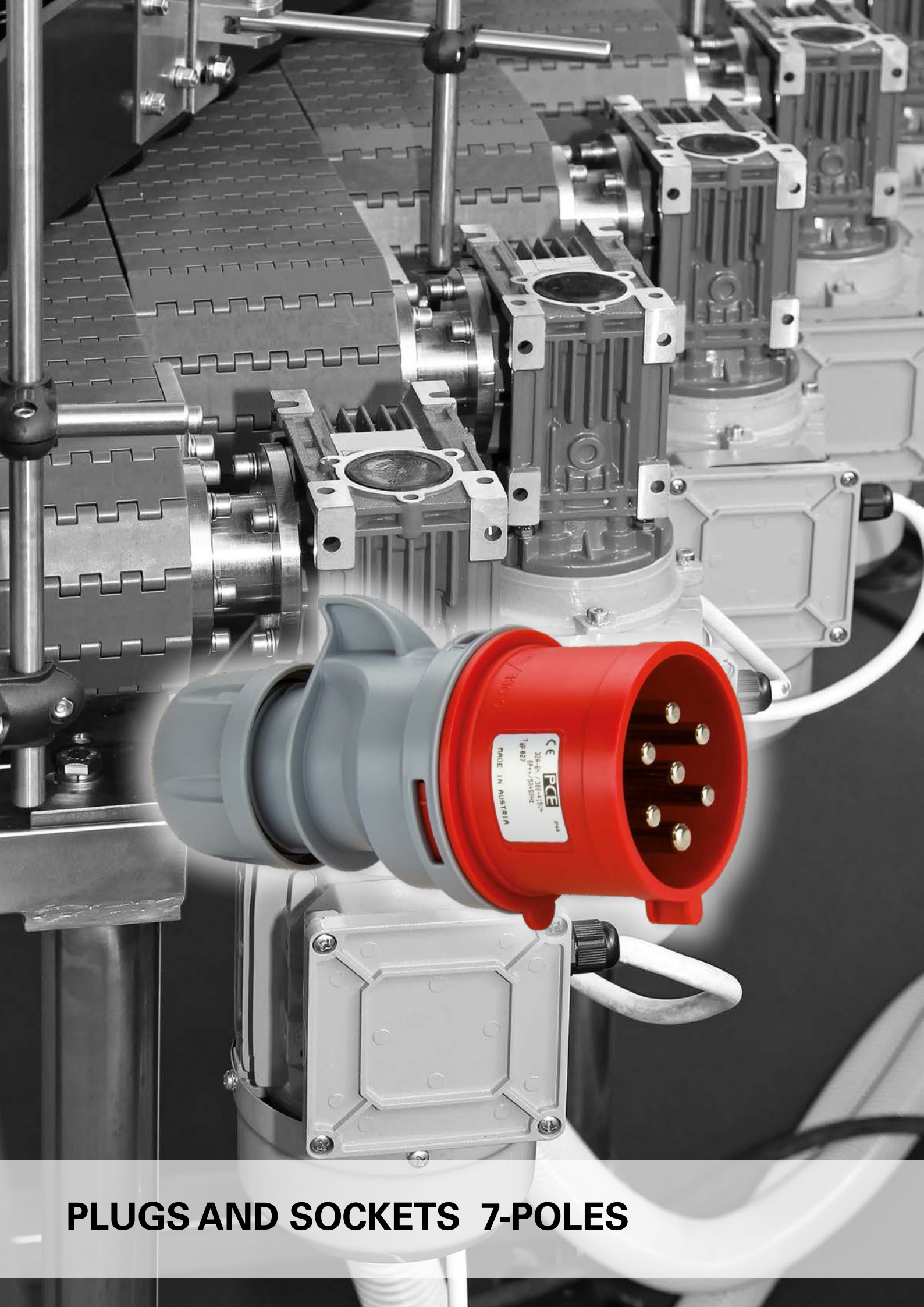


3922-4f9v



3722f87v





PLUGS AND SOCKETS 7-POLES

Plugs and sockets 7-poles

7-pole (6P+E) industrial plugs and sockets cover a wide range of application.

- ✓ **7-pole (6P+E)**
- ✓ **16A or 32A**
- ✓ **IP rating IP44/54 or IP66/67**
- ✓ **Contacts: nickel-plated**
- ✓ **Screw terminals**
- ✓ **External central cable gland**

Application for industry, agriculture and commerce:

- Star delta connections (motor)
- Tapped winding connections (pole changing)
- Actuation
- Monitoring
- Controlling
- Indicating
- Electrical interlocks, and many more ...

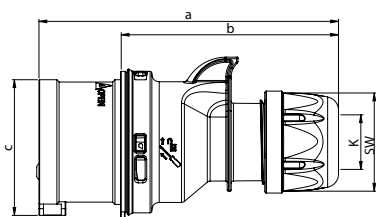
Products: plugs and sockets 7-pole:

- Plugs and angled plugs
- Flanged and wall mounted plugs
- Connectors and angled connectors
- Flanged and wall mounted sockets

The possibility of producing inductive resp. pre-mating contacts by shortend pins, enlarges the range of application.



Plugs and sockets 7-poles

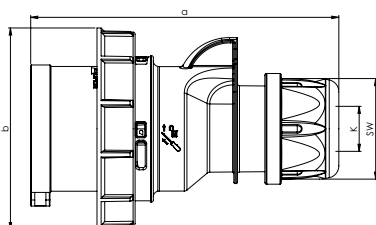


Plug IP44/54 SHARK

	16 Amp	32 Amp
Poles	7	7
a [mm]	134	155
b [mm]	98	109
c [mm]	61	70
K cable Ø [mm]	8-16	11,5-22
Wire flexible [mm ²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	185	283

- with screw terminals
- housing material: PA6
- contacts: nickel-plated

IP44/54 dust- and splashproof

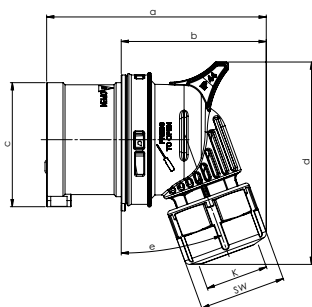


Plug IP66/67 SHARK

	16 Amp	32 Amp
Poles	7	7
a [mm]	134	155
b [mm]	87	100
K cable Ø [mm]	8-16	11,5-22
Wire flexible [mm ²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	217	329

- with screw terminals
- housing material: PA6
- contacts: nickel-plated

IP66/67 watertight

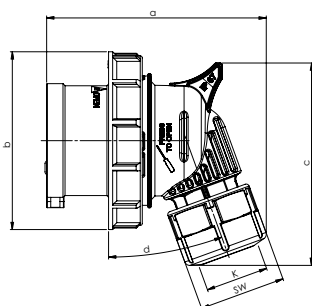


Angled plug IP44/54 TWIST

	16 Amp	32 Amp
Poles	7	7
a [mm]	108	135
b [mm]	71	90
c [mm]	61	70
d [mm]	99	114
e [°]	20	25
K cable Ø [mm]	8-16	11,5-22
Wire flexible [mm ²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	189	286

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated

IP44/54 dust- and splashproof



Angled plug IP66/67 TWIST

	16 Amp	32 Amp
Poles	7	7
a [mm]	108	135
b [mm]	87	100
c [mm]	99	114
d [°]	20	25
K cable Ø [mm]	8-16	11,5-22
Wire flexible [mm ²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	220	331

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated

IP66/67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~
			50/60Hz 4h	50/60Hz 9h	50/60Hz 6h	50/60Hz 7h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	7	10	017-4v	017-9v	017-6v	017-7v
32	7	10	027-4v	027-9v	027-6v	027-7v



027-6v

16	7	10	0172-4v	0172-9v	0172-6v	0172-7v
32	7	10	0272-4v	0272-9v	0272-6v	0272-7v



0272-6v

16	7	10	8017-4v	8017-9v	8017-6v	8017-7v
32	7	10	8027-4v	8027-9v	8027-6v	8027-7v



8027-6v

16	7	10	80172-4v	80172-9v	80172-6v	80172-7v
32	7	10	80272-4v	80272-9v	80272-6v	80272-7v

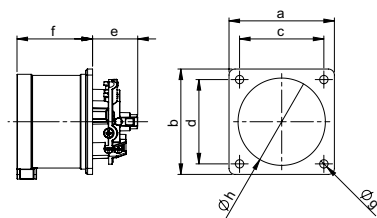


80272-6v



Plugs and sockets 7-poles

Flanged plug straight IP44/54



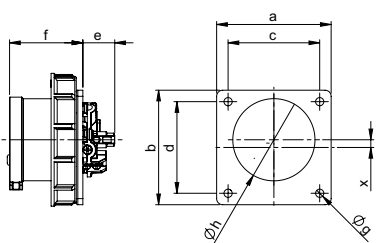
	16 Amp		32 Amp	
Poles	7	7	7	7
a [mm]	70	75	70	75
b [mm]	70	75	70	75
c [mm]	56	60	56	60
d [mm]	56	60	56	60
e [mm]	28	28	30	30
f [mm]	42	42	51	51
Ø g [mm]	5,5	5,5	5,5	5,5
Ø h [mm]	55	55	55	55
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]	147	152	216	221

- with screw terminals
- housing material: PA6
- contacts: nickel-plated

• According to EN 60309:
For correct use a locking device has to be provided (see page 10)

IP44/54 dust- and splashproof

Flanged plug straight IP66/67



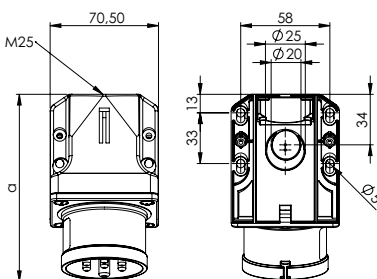
	16 Amp		32 Amp	
Poles	7	7	7	7
a [mm]	75	75	75	75
b [mm]	75	75	75	75
c [mm]	60	60	60	60
d [mm]	60	60	60	60
e [mm]	28	30	30	30
f [mm]	48	58	58	58
Ø g [mm]	5,5	5,5	5,5	5,5
Ø h [mm]	55	55	55	55
x [mm]	5,05	0	0	0
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]	180	265	265	265

- with screw terminals
- housing material: PA6
- contacts: nickel-plated

• According to EN 60309:
For correct use a locking device has to be provided (see page 10)
• for 16A 7p the plug is placed off centered for keeping the standards

IP66/67 watertight

Wall mounted plug IP44/54



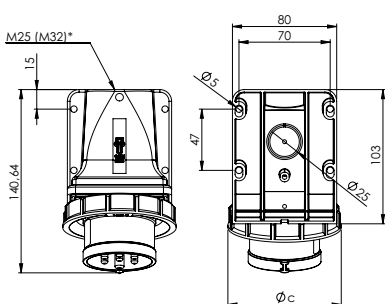
angle = 15°

	16 Amp	32 Amp
Poles	7	7
a [mm]	122	132
Height [mm]	79	85
M [mm]	25	25
Wire flexible [mm²]	1-2,5	2,5-6
Wire solid [mm²]	1-4	2,5-10
Contact screws [Ncm]	100	110
Weight [g]	235	304

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- top and rear entry
- incl. threaded cable grommet
- 9517*, 9527* large housing for wiring through

IP44/54 splashproof

Wall mounted plug IP66/67



angle = 15°

	16 Amp	32 Amp
Poles	7	7
a [mm]	140	152
Height [mm]	100	102
c [mm]	87	100
M* [mm]	25	25
Wire flexible [mm²]	1-2,5	2,5-6
Wire solid [mm²]	1-4	2,5-10
Contact screws [Ncm]	100	110
Weight [g]	271	356

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- top and rear entry
- incl. threaded bung

IP66/67 watertight

*M32 optional on request

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~
			50/60Hz	50/60Hz	50/60Hz	50/60Hz
			4h	9h	6h	7h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.

Flange 70 x 70 - Fixing center: 56 x 56						
16	7	10	617-4v	617-9v	617-6v	617-7v
32	7	10	627-4v	627-9v	627-6v	627-7v
Flange 75 x 75 - Fixing center: 60 x 60						
16	7	10	617-4f7v	617-9f7v	617-6f7v	617-7f7v
32	7	10	627-4f7v	627-9f7v	627-6f7v	627-7f7v



627-6v

Flange 75 x 75 - Fixing center: 60 x 60						
16	7	10	6172-4v	6172-9v	6172-6v	6172-7v
32	7	10	6272-4v	6272-9v	6272-6v	6272-7v



6272-6v

16	7	10	517-4v	517-9v	517-6v	517-7v
32	7	10	527-4v	527-9v	527-6v	527-7v
for wiring through (M25 top, 2xM25 bottom)						
16	7	5	9517-4v	9517-9v	9517-6v	9517-7v
32	7	5	9527-4v	9527-9v	9527-6v	9527-7v



527-6v

9527-6v

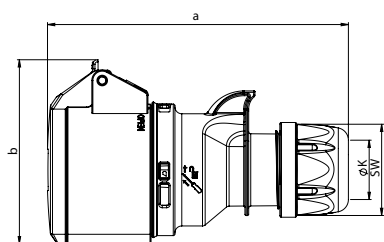
16	7	5	5172-4kv	5172-9kv	5172-6kv	5172-7kv
32	7	5	5272-4kv	5272-9kv	5272-6kv	5272-7kv



5272-6kv



Plugs and sockets 7-poles

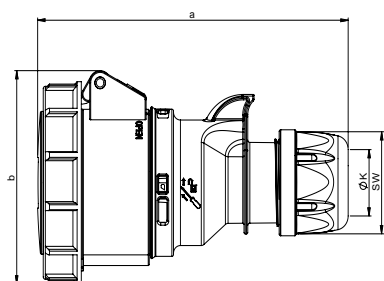


Connector IP44/54 SHARK

	16 Amp	32 Amp
Poles	7	7
a [mm]	145	168
b [mm]	89	99
K cable Ø [mm]	8-16	11,5-22
Wire flexible [mm²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	210	310

- with screw terminals
- housing material: PA6
- contacts: nickel-plated

IP44/54 dust- and splashproof

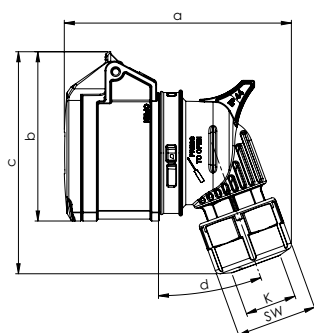


Connector IP66/67 SHARK

	16 Amp	32 Amp
Poles	7	7
a [mm]	147	171
b [mm]	92	102
K cable Ø [mm]	8-16	11,5-22
Wire flexible [mm²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	254	377

- with screw terminals
- housing material: PA6
- contacts: nickel-plated

IP66/67 watertight

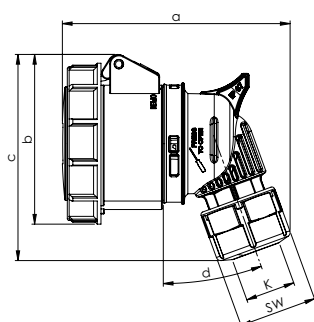


Angled connector IP44/54 TWIST

	16 Amp	32 Amp
Poles	7	7
a [mm]	119	147
b [mm]	89	99
c [mm]	117	126
d [°]	20	25
e [mm]		
K cable Ø [mm]	8-16	11,5-22
Wire flexible [mm²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	214	313

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated

IP44/54 dust- and splashproof



Angled connector IP66/67 TWIST

	16 Amp	32 Amp
Poles	7	7
a [mm]	124	152
b [mm]	92	102
c [mm]	112	122
d [°]	20	25
K cable Ø [mm]	8-16	11,5-22
Wire flexible [mm²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	258	379

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated

IP66/67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~
			50/60Hz 4h	50/60Hz 9h	50/60Hz 6h	50/60Hz 7h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	7	10	217-4v	217-9v	217-6v	217-7v
32	7	10	227-4v	227-9v	227-6v	227-7v



227-6v

16	7	10	2172-4v	2172-9v	2172-6v	2172-7v
32	7	10	2272-4v	2272-9v	2272-6v	2272-7v



2272-6v

16	7	10	8217-4v	8217-9v	8217-6v	8217-7v
32	7	10	8227-4v	8227-9v	8227-6v	8227-7v



8227-6v

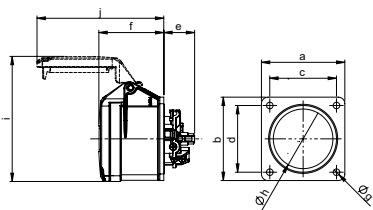
16	7	10	82172-4v	82172-9v	82172-6v	82172-7v
32	7	10	82272-4v	82272-9v	82272-6v	82272-7v



82272-6v



Plugs and sockets 7-poles

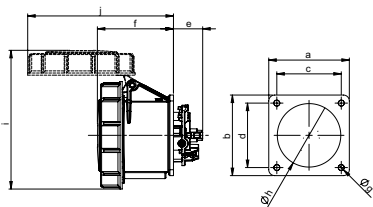


Flanged socket straight IP44/54

Poles	16 Amp		32 Amp	
	7	7	7	7
a [mm]	70	75	70	75
b [mm]	70	75	70	75
c [mm]	56	60	56	60
d [mm]	56	60	56	60
e [mm]	26	26	28	23
f [mm]	55	55	67	67
Ø g [mm]	5,5	5,5	5,5	5,5
Ø h [mm]	52	52	58	58
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]	174	179	243	253

- with screw terminals
- housing material: PA6
- contacts: nickel-plated

IP44/54 dust- and splashproof

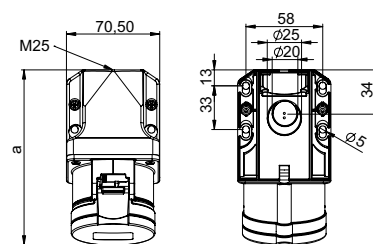


Flanged socket straight IP66/67

Poles	16 Amp		32 Amp	
	7	7	7	7
a [mm]	70	75	70	75
b [mm]	70	75	70	75
c [mm]	56	60	56	60
d [mm]	56	60	56	60
e [mm]	26	26	28	28
f [mm]	59	59	71	71
Ø g [mm]	5,5	5,5	5,5	5,5
Ø h [mm]	55	55	60	60
i [mm]	117	117	130	130
j [mm]	115	115	136	136
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]	207	211	292	299

- with screw terminals
- housing material: PA6
- contacts: nickel-plated

IP66/67 watertight

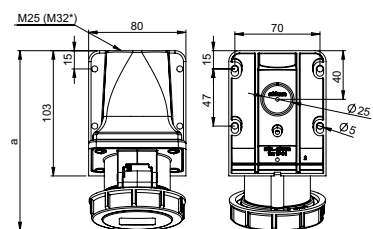


Wall mounted socket IP44/54

Poles	16 Amp		32 Amp	
	7	7	7	7
a [mm]	133	145		
Height [mm]	100	107		
M [mm]	25	25		
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]	261		330	

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- top and rear entry
- incl. threaded cable grommet
- 917*, 927* large housing for wiring through

IP44/54 dust- and splashproof



Wall mounted socket IP66/67

Poles	16 Amp		32 Amp	
	7	7	7	7
a [mm]	148	163		
Height [mm]	102	112		
M [mm]	25	25		
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]	302		390	

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- top and rear entry
- incl. threaded bung

IP66/67 watertight

*M32 optional on request

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~
			50/60Hz 4h	50/60Hz 9h	50/60Hz 6h	50/60Hz 7h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.

with flange 70 x 70 - fixing center 56 x 56						
16	7	10	317-4v	317-9v	317-6v	317-7v
32	7	10	327-4v	327-9v	327-6v	327-7v
with flange 75 x 75 - fixing center 60 x 60						
16	7	10	317-4f7v	317-9f7v	317-6f7v	317-7f7v
32	7	10	327-4f7v	327-9f7v	327-6f7v	327-7f7v



327-6v

with flange 70 x 70 - fixing center 56 x 56						
16	7	10	3172-4f70v	3172-9f70v	3172-6f70v	3172-7f70v
32	7	10	3272-4f70v	3272-9f70v	3272-6f70v	3272-7f70v
with flange 75 x 75 - fixing center 60 x 60						
16	7	10	3172-4v	3172-9v	3172-6v	3172-7v
32	7	10	3272-4v	3272-9v	3272-6v	3272-7v



3272-6v

16	7	10	117-4v	117-9v	117-6v	117-7v
32	7	10	127-4v	127-9v	127-6v	127-7v
for wiring through (M25 top, 2xM25 bottom)						
16	7	5	917-4v	917-9v	917-6v	917-7v
32	7	5	927-4v	927-9v	927-6v	927-7v



927-6v

16	7	5	1172-4v	1172-9v	1172-6v	1172-7v
32	7	5	1272-4v	1272-9v	1272-6v	1272-7v



1272-6v





CONTAINER PLUGS AND SOCKETS

Container plugs and sockets

PCE container plugs and sockets are specially designed for the rough condition on reefer-containers, at harbors and terminals.

- ✓ 32A, 4-pole, 3h, 440V
- ✓ IP rating IP67
- ✓ nickel-plated contacts
- ✓ robust design
- ✓ external, centric cable gland
- ✓ with Lloyd's Register Type Approval*



Container products:

- plug* and connector
- wall socket
- flanged socket straight/sloping
- switched interlocked socket*
- switched interlocked socket with fuse*
- special distribution boxes (on request)



Container plugs and sockets



Container Plug

SHARK

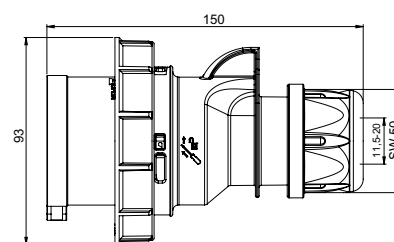
- 32A 4p 3h 440V
- nickel-plated contacts

IP67 watertight



0242-3v

pack.unit: 10



Container Connector

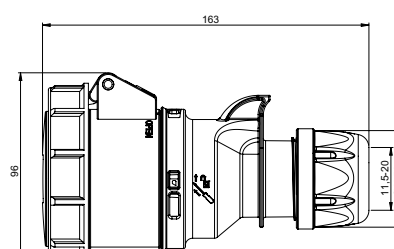
SHARK

- 32A 4p 3h 440V
- nickel-plated contacts

IP67 watertight

2242-3v

pack.unit: 10



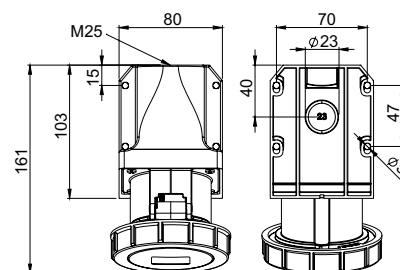
Container Wall socket

- 32A 4p 3h 440V
- nickel-plated contacts

IP67 watertight

1242-3v

pack.unit: 5



height=108mm
angle=15°



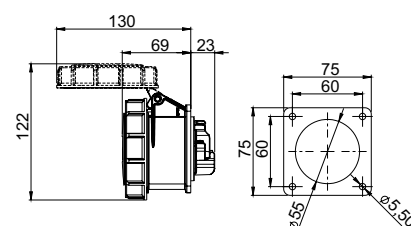
Container Flanged socket straight

- 32A 4p 3h 440V
- nickel-plated contacts
- flange = 75 x 75
- fixing center = 60 x 60

IP67 watertight

3242-3v

pack.unit: 10



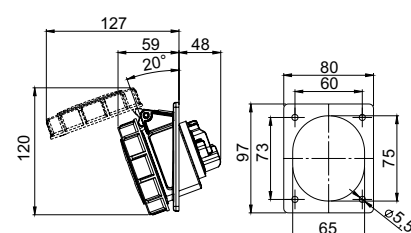
Container Flanged socket sloping

- 32A 4p 3h 440V
- nickel-plated contacts
- flange = 80 x 97 mm
- fixing center = 60 x 73 mm

IP67 watertight

4242-3f78v

pack.unit: 10



Container Switched interlocked socket

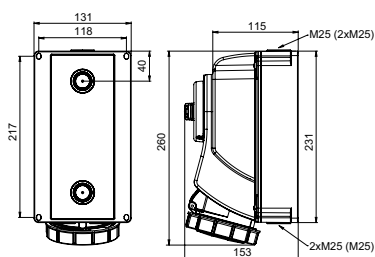
- 32A 4p 3h 440V
- nickel-plated contacts
- up to 3 x M25 cable entries
- mechanical interlock
- lockable by padlock

IP67 watertight



75242-3

pack.unit: 1



Container Switched interlocked socket with fuse

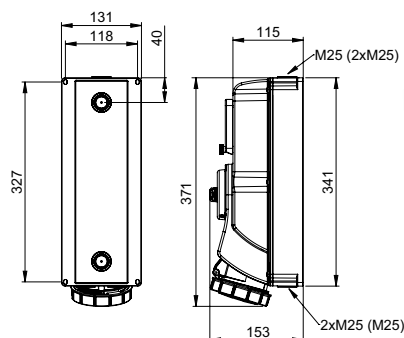
- 32A 4p 3h 440V
- nickel-plated contacts
- cylindrical fuse 14x51
- up to 3 x M25 cable entries
- mechanical interlock
- lockable by padlock

IP67 watertight



78242-3

pack.unit: 1



Container Switched interlocked socket with DIN rail

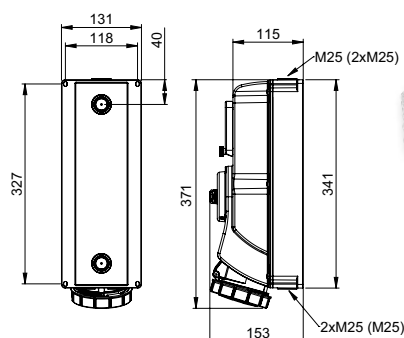
- 32A 4p 3h 440V
- nickel-plated contacts
- DIN rail with window for 5 modules
- up to 3 x M25 cable entries
- mechanical interlock
- lockable by padlock

IP67 watertight

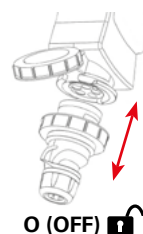


76242-3

pack.unit: 1



- compact design for wall mounting
- nickel-plated contacts
- Series 76/78... with window for 5 units, cap dimensions: 45mm
- mechanical interlock:
after plugging and switching-on **plug is locked**
after switching-off and unplugging **switch is locked**
- all components are mounted on bottom
- **large connecting area - easy of installation**
- possibility for wiring through
- ready wired for connection
- at switch-off position: lockable by padlock (40 mm)



Detailed information see page 106 „Switched interlocked sockets“.





CARAVAN PLUGS AND SOCKETS

Caravan plugs and sockets

PCE caravan devices are perfectly designed for the use on camp sites, caravan and marinas.

- ✓ 16A, 3-pole, 6h, 230V
- ✓ IP rating: IP44
- ✓ Contacts: brass or nickel-plated
- ✓ Solid design
- ✓ Different versions available

Caravan products

- plug and connector
- flanged socket lockable
- wall mounted plug
- angled plug, angled connector
- adapters
- distribution products
- energy pillars (see page 312)



Caravan plugs and sockets for camping areas



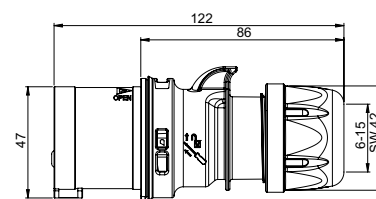
Caravan Plug SHARK

- 16A 3p 230V
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 013-6v
- technical data see Plugs on page 18

IP44 splashproof

013-6

pack.unit: 10



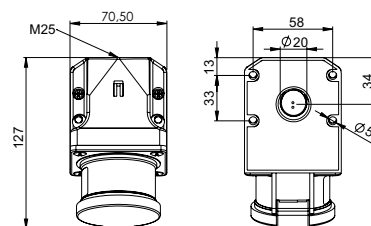
Caravan Wall mounted plug

- 16A 3p 230V
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 513-6dv
- with hinged lid
- technical data see wall mounted plugs page 26

IP44 splashproof

513-6d

pack.unit: 10



height= 92mm
angle= 15°



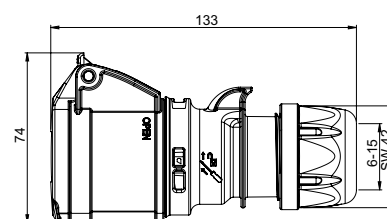
Caravan Connector SHARK

- 16A 3p 230V
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 213-6v
- technical data see connectors on page 52

IP44 splashproof

213-6

pack.unit: 10



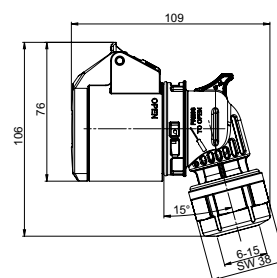
Caravan Angled connector

- 16A 3p 230V
- contacts: brass

IP44 splashproof

8213-6

pack.unit: 10



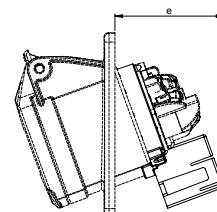
Flanged socket sloping with auxiliary switch

- with auxiliary switch
- flanged socket sloping with screw terminals
- housing materials: PA6
- flange 70 x 85 mm - fixing center 50 x 56 mm
- contacts: brass
 - to order nickel-plated contacts please add a „v“ e.g.: 413-6hv

IP44/54 splash- and dustproof

413-6h

pack.unit: 10

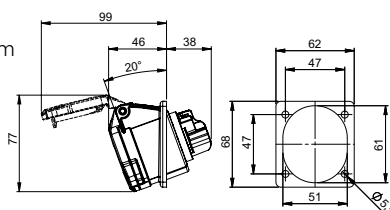


other versions and more technical information see page 92

Flanged socket sloping lockable

- 16A 3p 230V
- flange 62 x 68 mm - fixing center 47 x 47 mm
- lockable with padlock

IP44 splashproof



413-6f66

pack.unit: 10



Caravan Adapter

- with safety socket acc. Austr./German system
- also available with French/Belgian and British socket outlet
- nickel-plated contacts

IP44 splashproof

Entry:

CEE-plug 16A 3p 230V

Outlet:

1 safety socket 16A 2p+E 250V

9433100*

pack.unit: 10



Caravan Adapter with cable

- 16A 3p 230V

IP44 splashproof

80cm cable H07RN-F 3G1,5 with CEE-plug 16A 3p 230V and solid rubber connector with lid acc. to Austr./German system 16A 2p+E 250V

80cm cable H07RN-F 3G1,5 with CEE-plug 16A 3p 230V and rubber connector with lid acc. to French/Belg. system 16A 2p+E 250V

9007

pack.unit: 10

900726

pack.unit: 10



Caravan Combination Series St. Anton 6F

IP44 splashproof

Entry:

1,5m cable H07RN-F3G1,5 with CEE-plug 16A 3p 230V

Outlet:

1 safety socket acc. Austr./German system 16A 2p+E 250V

Protection:

1 RCD 25A 0,03A

9439125

pack.unit: 1



symbolic picture

* Export version (usage in Austria and Germany not allowed!)



Multiple-sockets outlet

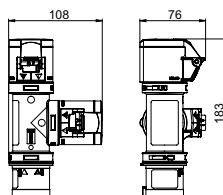


T-Connect 2-way connector with CEE plug

Fittings:

- 1 CEE-plug 16A 3p 6h
- 2 CEE-sockets 16A 3p 6h

IP44 splashproof
IP67 watertight



IP44 94325103*
IP67 94326103*

pack unit: 10

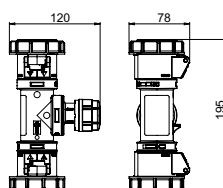


T-Connect 2-way connector with cable entry

Fittings:

- 1 cable entry with cable gland (terminal max. 3x2,5mm²)
- 2 CEE-sockets 16A 3p 6h outlet

IP44 splashproof
IP67 watertight



IP44 94325102
IP67 94326102

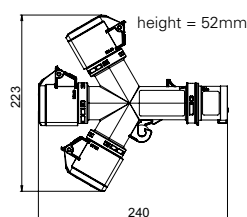
pack unit: 10



Multiple-socket outlet

- nickel plated contacts
- also available in 110V

IP44 splashproof
IP67 watertight



Entry:
1 CEE-plug 16A 3p 230V

Outlet:
3 CEE-sockets 16A 3p 230V

IP44 9432000*
IP67 9432001*

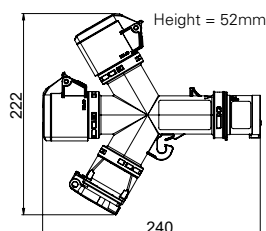
pack unit: 5



Multiple-socket outlet

- nickel plated contacts
- available also with French/Belgian, Danish and British sockets

IP44 splashproof

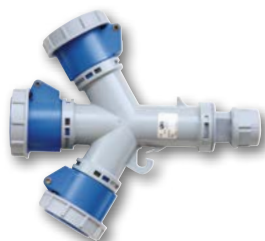


Entry:
1 CEE-plug 16A 3p 230V

Outlet:
2 CEE-sockets 16A 3p 230V
1 safety socket 16A 250V

IP44 9432004*

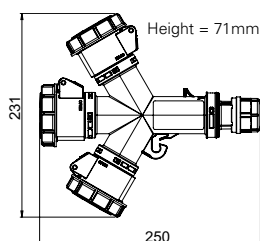
pack unit: 5



Multiple-socket outlet

- nickel plated contacts
- also available in 110V

IP44 splashproof
IP67 watertight



Entry:
1 Twist-cable gland prewired on terminals

Outlet:
3 CEE-sockets 16A 3p 230V

IP44 9432006
IP67 9432007

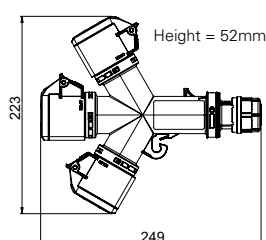
pack unit: 5



Multiple-socket outlet

- nickel plated contacts
- also available in 110V

IP44 splashproof
IP67 watertight



Entry:
1,5m cable with plug 16A 3p 230V

Outlet:
3 CEE-sockets 16A 3p 230V

IP44 9432002
IP67 9432003

pack unit: 5

* Export version (Usage in Austria and Germany not allowed!)- other versions on request

Multiple-sockets outlet and adaptors

Adaptor

CEE-plug 16A 3p / safety socket

- available also with French/Belgian, Danish and British sockets
- nickel-plated contacts

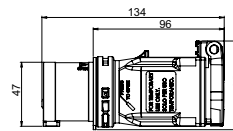
IP44 splashproof

Entry:

1 CEE-plug
16A 3p 230V

Outlet:

1 safety socket 16A 250V



height = 52mm



German	9433100*
French/Belgian	9433101*
Danish	9433102*
British	9433103*

pack unit: 10



9433101*



9433103*

Adaptor

CEE-plug 16A 3p / socket outlet for domestic use

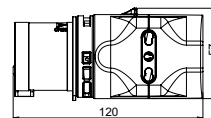
IP20

Entry:

1 CEE-plug 16A 3p 230V

Outlet:

2 italian socket outlets P17/11
1 italian socket outlet P30/17



height = 53mm

9433170*

pack unit: 10



Adaptor

CEE-plug 16A 5p / safety socket

- available also with French/Belgian, Danish and British sockets
- nickel-plated contacts

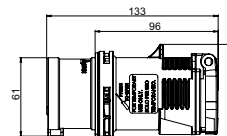
IP44 splashproof

Entry:

1 CEE-plug 16A 5p 400V

Outlet:

1 safety socket 16A 250V



height = 66mm

9433020*

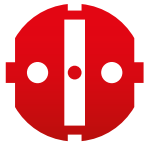
pack unit: 10





SAFETY PLUGS AND SOCKETS

Safety plugs and sockets / accessories



Page

Plugs and socket outlets
S-NOVA / P-NOVA plus

158

Data socket CAT.6A (RJ45)
Accessories for plugs and socket outlets

172

Plugs and sockets IP66/68
Nautilus - watertight

174

TAURUS2
Plug and connector systems

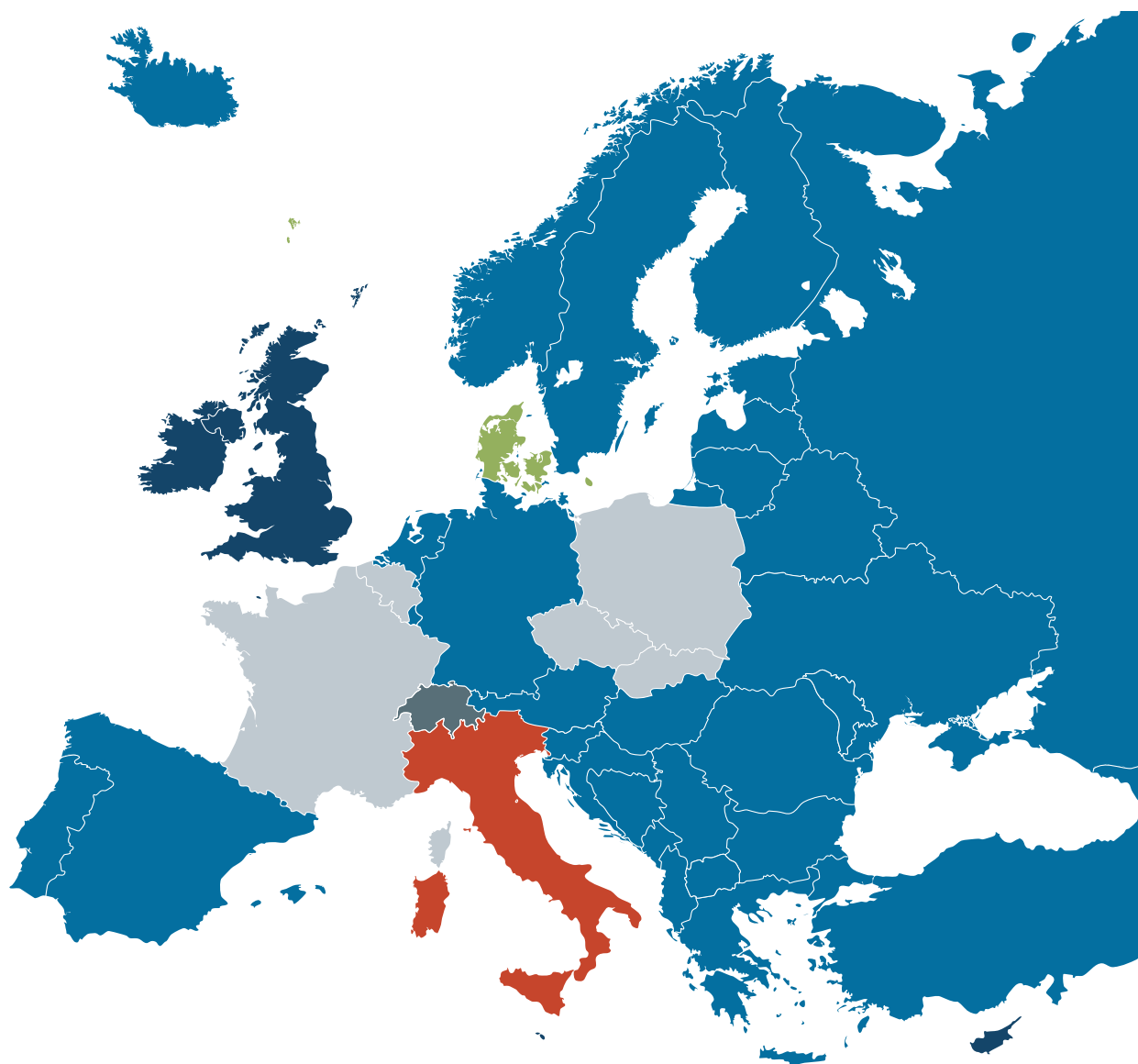
180

TOPTAURUS2
Plug and connector systems

186

Systems in EUROPE

The safety sockets from PCE impress with their extremely robust design made of high quality polyamide.
Over 500 variations guarantee a perfect product for all applications.



Type F

Austrian/German system

Type E

French/Belgian system

Type G

British system

Type L

Italian system

Type J

Swiss system

Type K

Danish system



Full flexibility:

01

System

Austrian/German or French/Belgian

02

Flange size

50x50 / 70x70 / 75x75 mm

03

Connection type

rear / side / screwless

04

Rotation shutter

05

Sealing bulge

special sealing contour for IP54

06

Colors

7 different colors

01

System - 2 versions

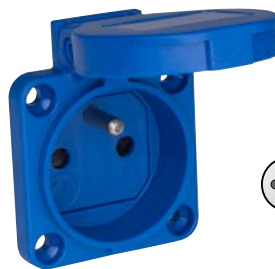
Austrian/German system

Type F - with earth lug



French/Belgian system

Type E - with earth pin



02

Flange size - 3 versions



50x50mm

Flange: □ 50x50mm
Fixing center: □ 38x38mm



70x70mm

Flange: □ 70x70mm
Fixing center: □ 56x56mm



75x75mm

Flange: □ 75x75mm
Fixing center: □ 60x60mm



03 Connection type- 3 versions

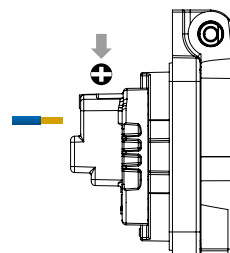
Screw terminals

rear or side connection

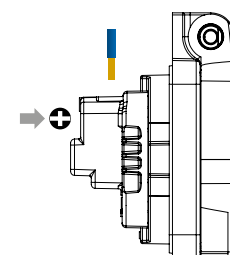
- Multi-slot screws (Type H, size 2)
- contacts open
- nickel-plated contacts
- captive screws
- **ready for wiring through**



rear connection



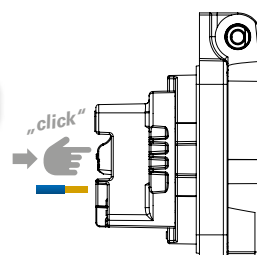
side connection from above



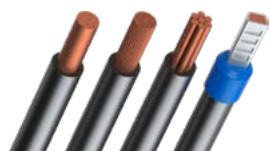
Screwless terminal

rear connection

- spring-clamp technology
- tool-free assembly (pre-tensioned release mechanism- no tool needed for initial connection)
- **ready for wiring through**
- suitable for all wire types (striped)- also connectable without end sleeve*



TURBO clicks
TERMINAL



Insert wire



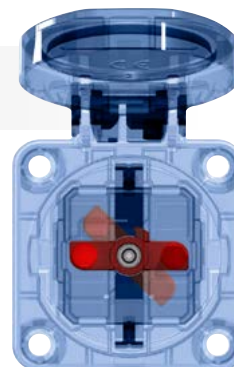
Press for closing terminal



Ready!

04 Shutter

Rotation shutter (optional)
for increased security



05 Sealing bulge

Sealing bulge (optional)

Plugs and socket outlets for portable use are subject to the standard DIN VDE 0620-1:2010 and ÖVE/ÖNORM E 8684-2-2:2010

Examples for portable use:
mobile distribution boxes and cable reels



06 Colors- 7 versions



e yellow
(sim. RAL 1023)



r red
(sim. RAL 3000)



u green
(sim. RAL 6018)



g gray
(sim. RAL 7035)



w white
(sim. RAL 9016)



s black
(sim. RAL 9005)

b blue (sim. RAL 5017) STANDARD

available on request (minimum quantity 200 pcs.)



Sealing bulge (for perfect sealing)

- special sealing contour on the backside
- no need for additional rubber sealing on plain surfaces
- protection class **IP54**

Additional flange gasket (rubber) optional available;
e.g.: for uneven surfaces





Product features:

minimized contact carrier

for mounting in narrow surroundings (cable reels)

high stability

by single-part housing also in case of shutter!

robust construction

based on highgrade polyamide 6

flange size 50x50 mm

(thinner flange, no separate gasket necessary)

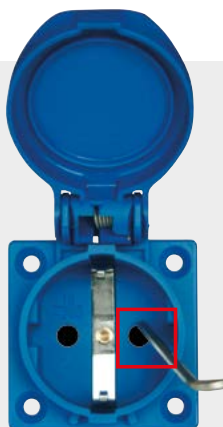
fixing center 38x38 mm

(fourpoint-mounting with countersunk screw)

- **optimum screw contacts**
- **open contact screws**
- **hinged lid with wide opening angle**
high closing pressure
- **IP54 splashproof**
- optional: **approved shutter**
for all types
- Austrian/German versions according
to DIN VDE 0620-1st of February 2010

Rotation shutter

Optional with
shutter



French/Belgian standard

Earth pin with
single part
terminal- also
available in version
with shutter



Screw contact systems

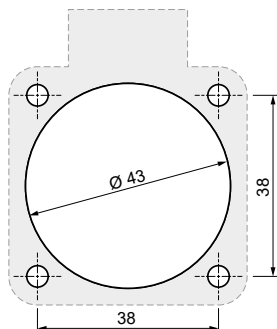
side
connection



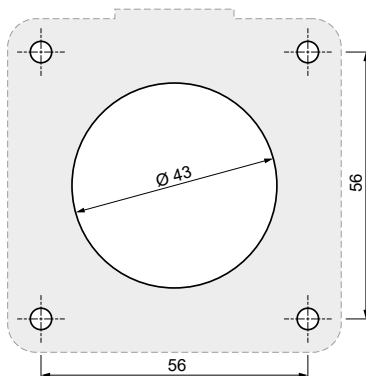
rear
connection

Socket outlets

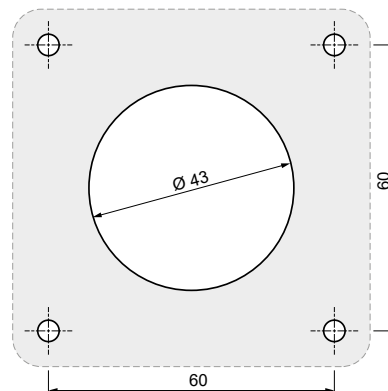
Dimensions S-NOVA:



Flange: 50x50 mm



Flange: 70x70 mm



Flange: 75x75 mm

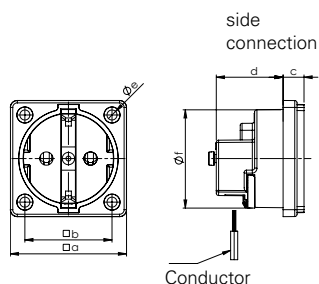
Versions: Flange 50x50



Connection type	Austrian/German system  		French/Belgian system  	
Screw terminal rear connection				
	1050-0b	105-0b	1040-0b	104-0b
incl. shutter	1050-0bc	105-0bc	1040-0bc	104-0bc
incl. sealing bulge*	1050-0bw	105-0bw		
Screw terminal side connection				
	1050-0bs	105-0bs	1040-0bs	104-0bs
incl. shutter	1050-0bsc	105-0bsc	1040-0bsc	104-0bsc
incl. sealing bulge*	1050-0bsw	105-0bsw		
Screwless terminal rear connection				
		109-0b		108-0b
incl. shutter		109-0bc		108-0bc
incl. sealing bulge*		109-0bw		

*Plugs and socket outlets (DIN 49440) for portable use are subject to the standard DIN VDE 0620-1:2010 and ÖVE/ÖNORM E 8684-2-2:2010





Socket outlet Austrian/German system

• STANDARD •	
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	37,5
c [mm]	9
d [mm]	29
e [mm]	4,3
f [mm]	43
Wire flexible [mm ²]	1 - 2x2,5
Wire solid [mm ²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	34

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP20

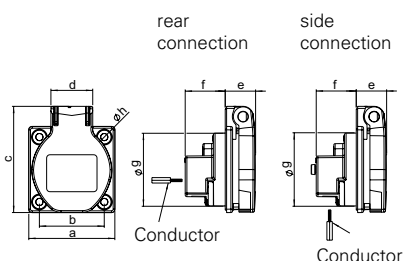


Socket outlet Austrian/German system

• STANDARD •	
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	18
f [mm]	24
g [mm]	43
h [mm]	4,2
Wire flexible [mm ²]	1 - 2x2,5
Wire solid [mm ²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof

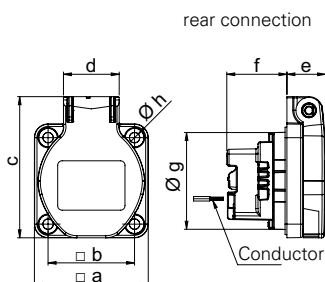


Socket outlet Austrian/German system

• STANDARD •	
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	17
f [mm]	26
g [mm]	43
h [mm]	4,5
Wire flexible [mm ²]	1 - 2x2,5
Wire solid [mm ²]	1 - 2x2,5
Weight [g]	46

- screwless connection technology
- housing material: PA6
- contacts: nickel-plated contacts
- rear connection

IP54 splashproof

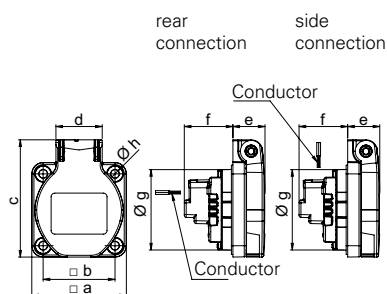


Socket outlet Austrian/German system

	• STANDARD •	• SPECIAL •	
	16 Amp	16 Amp	
Poles	2P + E	2P + E	2P + E
Flange a [mm]	50	70	75
Fixing center b [mm]	38	56	60
c [mm]	62	72	75
d [mm]	25	25	25
e [mm]	17	17	21
f [mm]	26	26	22
g [mm]	43	43	43
h [mm]	4,5	5,5	5,5
Wire flexible [mm ²]	1 - 2x2,5		
Wire solid [mm ²]	1 - 2x2,5		
Contact screws [Ncm]	80		
Weight [g]	46	51	55

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof



Amp. Poles pack. unit Abbreviations/Types

Cat.No.

Cat.No.

Cat.No.

16 3 100

P-NOVA
PLUS+

„sc“ side connection, with shutter

10584-0wsc



10584-0wsc

16 3 100
16 3 100
16 3 100
16 3 100

P-NOVA
PLUS+

rear connection (standard)

„s“ side connection

„c“ rear connection, with shutter

„sc“ side connection, with shutter

1050-0b
1050-0bs
1050-0bc
1050-0bsc



1050-0b

16 3 100
16 3 100

S-NOVA®

rear connection (standard)

„c“ rear connection, with shutter

109-0b
109-0bc

TURBO
TERMINAL



109-0b

16 3 100
16 3 100
16 3 100
16 3 100

S-NOVA®

rear connection (standard)

„s“ side connection

„c“ rear connection, with shutter

„sc“ side connection, with shutter

105-0b
105-0bs
105-0bc
105-0bsc

105-7b
105-7bs
105-7bc
105-7bsc

105-8b
105-8bs
105-8bc
105-8bsc



105-0b
Flange = 50x50



105-8b
Flange = 75x75

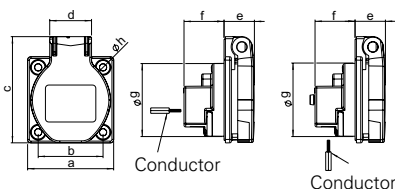
Special versions are available on request.



Plugs and socket outlets

Flanged sockets conforming to Austrian/German system for portable use

rear connection side connection



Socket outlet Austrian/German system

	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	22
f [mm]	24
g [mm]	43
h [mm]	4,2
Wire flexible [mm ²]	1 - 2x2,5
Wire solid [mm ²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- with sealing bulge
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof

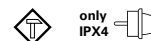


Socket outlet Austrian/German system

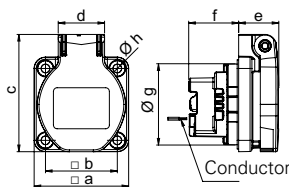
	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	21
f [mm]	26
g [mm]	43
h [mm]	4,5
Wire flexible [mm ²]	1 - 2x2,5
Wire solid [mm ²]	1 - 2x2,5
Weight [g]	44

- with sealing bulge
- screwless connection technology
- housing material: PA6
- contacts: nickel-plated contacts
- rear connection

IP54 splashproof



rear connection

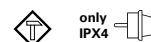


Socket outlet Austrian/German system

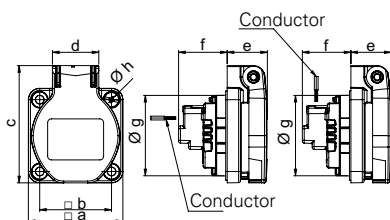
	• STANDARD •	• SPECIAL •	
	16 Amp	16 Amp	
Poles	2P + E	2P + E	2P + E
Flange a [mm]	50	70	75
Fixing center b [mm]	38	56	60
c [mm]	62	72	75
d [mm]	25	25	25
e [mm]	21	21	21
f [mm]	26	26	26
g [mm]	43	43	43
h [mm]	4,5	5,5	5,5
Wire flexible [mm ²]		1 - 2x2,5	
Wire solid [mm ²]		1 - 2x2,5	
Contact screws [Ncm]		80	
Weight [g]	46	51	52

- with sealing bulge
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof



rear connection side connection



- ■ Plugs and socket outlets for portable use are subject to the standard DIN VDE 0620-1:2010 and ÖVE/ÖNORM E 8684-2-2:2010 (Plugs and sockets for household and similar applications).
Examples for portable use: mobile distribution boxes and cable reels.

Remark: Version for Germany and Austria

Amp.
Poles
pack.
unit

Abbreviations/Types

250V~

250V~

250V~

50/60Hz
Flange
50x50

50/60Hz
Flange
70x70

50/60Hz
Flange
75x75

Cat.No.

Cat.No.

Cat.No.

16
3
100

**P-NOVA
PLUS+**

rear connection, with sealing bulge
side connection, with sealing bulge

1050-0bw
1050-0bsw



1050-0bw

16
3
100

S-NOVA®

rear connection, with sealing bulge

109-0bw

**TURBO
TERMINAL**



109-0bw

16
3
100
16
3
100

S-NOVA®

rear connection, with sealing bulge
side connection, with sealing bulge

105-0bw
105-0bsw

105-7bw

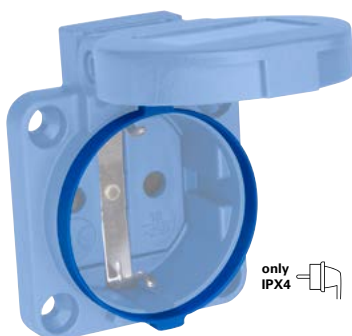
105-8bw



105-0bw

Explanation:

The prescribed standard of the sealing bulge is highlighted in dark blue in the picture below.

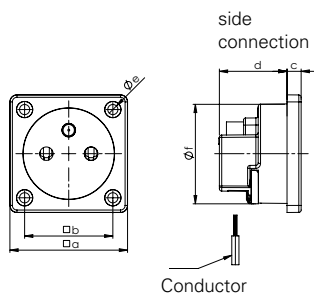


only
IPX4



Plugs and socket outlets

Flanged sockets conforming to French/Belgian system



Socket outlet French/Belgian system

	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	37,5
c [mm]	6
d [mm]	29
e [mm]	4,3
f [mm]	43
Wire flexible [mm ²]	1 - 2x2,5
Wire solid [mm ²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	34

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP20

Socket outlet French/Belgian system

	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	18
f [mm]	24
g [mm]	43
h [mm]	4,2
Wire flexible [mm ²]	1 - 2x2,5
Wire solid [mm ²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof



Socket outlet French/Belgian version

	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	17
f [mm]	26
g [mm]	43
h [mm]	4,5
Wire flexible [mm ²]	1 - 2x2,5
Wire solid [mm ²]	1 - 2x2,5
Weight [g]	43

- screwless connection technology
- housing material: PA6
- contacts: nickel-plated contacts
- rear connection

IP54 splashproof



Socket outlet French/Belgian version

	•STANDARD•	• SPECIAL •	
	16 Amp	16 Amp	
Poles	2P + E	2P + E	2P + E
Flange a [mm]	50	70	75
Fixing center b [mm]	38	56	60
c [mm]	62	72	75
d [mm]	25	25	25
e [mm]	17	17	17
f [mm]	26	26	26
g [mm]	43	43	43
h [mm]	4,5	5,5	5,5
Wire flexible [mm ²]		1 - 2x2,5	
Wire solid [mm ²]		1 - 2x2,5	
Contact screws [Ncm]		80	
Weight [g]	45	50	51

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof

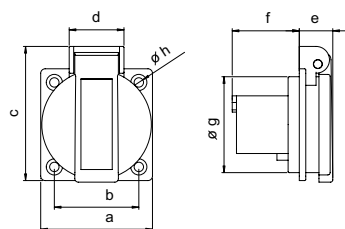


				STANDARD	SPECIAL	SPECIAL	PCE	
				250V~	250V~	250V~		
				50/60Hz Flange 50x50	50/60Hz Flange 70x70	50/60Hz Flange 75x75		
				Cat.No.	Cat.No.	Cat.No.		
Amp.	Poles	pack. unit	Abbreviations/Types					
16	3	100	P-NOVA PLUS+ „s“ side connection color: white	10484-0ws			 10484-0ws	            
16	3	100	P-NOVA PLUS+ rear connection (standard)	1040-0b			 1040-0b	
16	3	100	„s“ side connection	1040-0bs				
16	3	100	„c“ with shutter	1040-0bc				
16	3	100	„sc“ side connection, with shutter					
16	3	100	S-NOVA® rear connection (standard)	108-0b			TURBO TERMINAL  108-0b	
16	3	100	„c“ with shutter	108-0bc				
16	3	100	S-NOVA® rear connection (standard)	104-0b	104-7b	104-8b	 104-0b Flange = 50x50	
16	3	100	„s“ side connection	104-0bs	104-7bs	104-8bs		
16	3	100	„c“ with shutter	104-0bc	104-7bc	104-8bc		
16	3	100	„sc“ side connection, with shutter	104-0bsc	104-7bsc	104-8bsc		

Special versions are available on request.

Plugs and socket outlets

Flanged sockets conforming to Danish, English and Swiss system

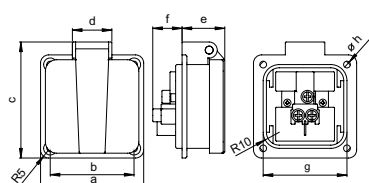


Socket outlet Danish system

Poles	16 Amp
a [mm]	2P + E
b [mm]	50
c [mm]	38
d [mm]	60
e [mm]	24,5
f [mm]	15
g [mm]	30
h [mm]	43
h [mm]	4,2
Weight [g]	42

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof

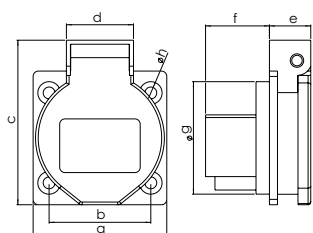


Socket outlet English version

Poles	13 Amp	13 Amp
a [mm]	2P + E	2P + E
b [mm]	64	50
c [mm]	52	38
d [mm]	72	64
e [mm]	25	25
f [mm]	26,5	18
g [mm]	18	22
h [mm]	52	35
h [mm]	4,2	4,5
Weight [g]	67	50

- with screw terminals
- housing material: PA6

IP54 splashproof

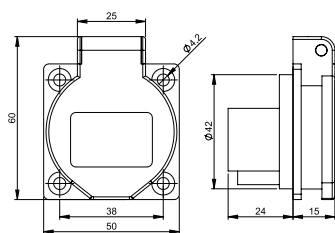


Socket outlet Swiss version T13

Poles	10 Amp
a [mm]	2P + E
b [mm]	50
c [mm]	38
d [mm]	62
e [mm]	29
f [mm]	15
g [mm]	23
h [mm]	42
h [mm]	4,2
Weight [g]	42

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof

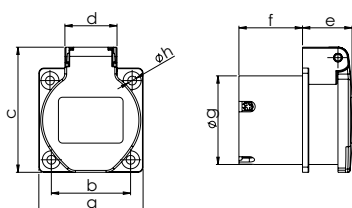


Socket outlet Swiss version T23

Poles	16 Amp
a [mm]	2P + E
b [mm]	50
c [mm]	38
d [mm]	60
e [mm]	25
f [mm]	15
g [mm]	24
h [mm]	42
h [mm]	4,2
Weight [g]	42

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof



Socket outlet Swiss version T25

Poles	16 Amp
a [mm]	3L + N + PE
b [mm]	50
c [mm]	38
d [mm]	60
e [mm]	25
f [mm]	24
g [mm]	31
h [mm]	43
h [mm]	4,2
Weight [g]	64

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts
- 250V/400V~ 16A

IP54 splashproof



250V~

440V~

50/60Hz

50/60Hz

Amp.	Poles	pack. unit	Abbreviations/Types
16	3	100	rear connection Flange: 50 x 50
16	3	100	rear connection Flange: 50 x 50

1030-0b
1030-0s

blue
black



1030-0b

13	3	100	side connection Flange: 64 x 64
13	3	100	side connection Flange: 50 x 50

1020-0s
1020-5s

black
black



1020-5s

10	3	100	rear connection Flange: 50 x 50
10	3	100	rear connection Flange: 50 x 50

1013-0b
1013-0s

blue
black



1013-0b

16	3	100	side connection Flange: 50 x 50
----	---	-----	---------------------------------

1023-0bs

blue



1023-0bs

16	5	100	rear connection Flange: 50 x 50
----	---	-----	---------------------------------

1025-0r

red

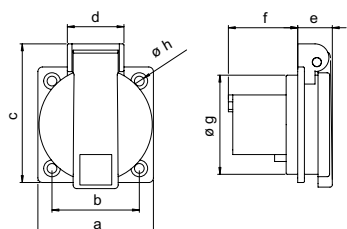


1025-0r



Plugs and socket outlets

Flanged sockets, data socket and accessories

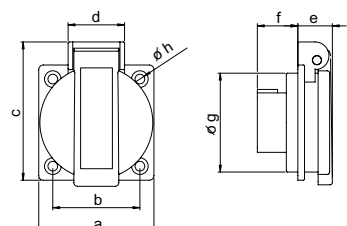


Socket outlet Italian system

Poles	16 Amp
a (mm)	50
b (mm)	38
c (mm)	61,5
d (mm)	25,5
e (mm)	14,5
f (mm)	29
g (mm)	43,6
h (mm)	4,2
Weight [g]	45

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof

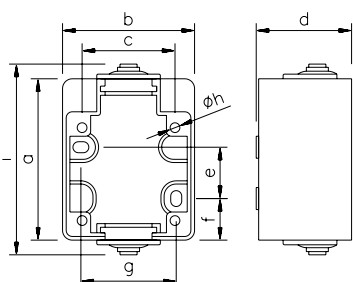


Socket outlet Australian system

Poles	15 Amp
a (mm)	50
b (mm)	38
c (mm)	62
d (mm)	24,5
e (mm)	17
f (mm)	15
g (mm)	42
h (mm)	4,2
Weight [g]	45

- with screw terminals
- housing material: PA6
- contacts: brass
- with gasket

IP54 splashproof



Mounting box

S-NOVA® P-NOVA PLUS+

Advantages:

- easy mounting- long holes for screws
- hole distance dimensions- on the rear
- space between wall and box by nipples
- 2 entries (top and bottom)
- holes for dehydration available

- for sockets S-NOVA and P-NOVA Plus with hinged lid and flange size 50x50 mm
- suitable also for Swiss socket T23 1023-0bs and for Danish socket 1030-0b
- inkl. flange gasket (d105-05)

IP44 splashproof

Flange gasket for P-NOVA plus and S-NOVA

Flange gasket can be mounted additionally if required.
(e.g.: for uneven surfaces)

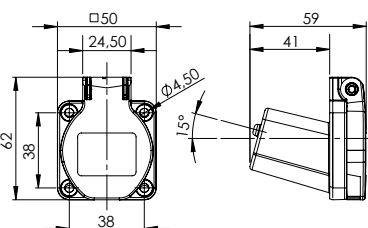
- material: rubber

P-NOVA plus: s=1mm
• flange 50x50mm

S-NOVA: s=1,5mm
• flange 50x50 / 70x70 / 75x75mm

Protective cover for P-NOVA plus and S-NOVA

- protective cover
- material: PP



Data socket with CAT 6_A RJ45 module

Data module
Keystone CAT 6_A

Data module
USB / USB



093617

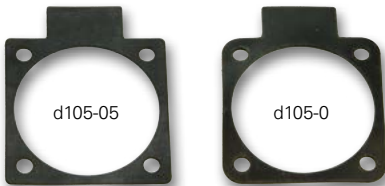
086317

110m-0e

- Data socket with hinged lid
- color: yellow
- housing material: PA6
- incl. rubber seal with cable entry

IP54 splashproof (lid closed)

- CAT 6_A Keystone module, shielded, RJ45 to LSA stripes
- tool free cable installation, color coded acc. to EIA/TIA 568 A&B

Amp	Poles	pack. unit	Abbreviations/Types	Cat.No.		
16	3	100	rear connection Flange: 50 x 50	1036-0s	black	 1036-0s
15	3	100	rear connection Flange: 50 x 50	1037-0s	black	
		24	Mounting box for S-NOVA and P-NOVA+	106-0	blue	 106-0
		24	Mounting box for S-NOVA and P-NOVA+	106-0g	grey	
Fields of application: designed for use in workshop halls, garages, industrial plants, outside walls,...						
Mounting box is supplied complete.						
Flange gasket for P-NOVA Plus 50x50			 	d105-05		
Flange gasket for S-NOVA 50x50				d105-0		
Flange gasket for S-NOVA 70x70				d10570		
Flange gasket for S-NOVA 75x75				d10575		
		100	transparent	ts105		
1			Data socket with hinged lid (2x opening) incl. 2xCAT 6 _A RJ45 module (093617)	12k452-0e	yellow	 12k452-0e
1			Data socket with hinged lid (1x opening) empty (without module)	11om-0e	yellow	
1			Module CAT 6 _A RJ45	093617		
1			Module USB 2.0 A / USB 2.0 A	086317		















NAUTILUS[®]



**WATERTIGHT
PLUGS AND CONNECTORS IP66/68**

Watertight Plugs and Sockets IP66/68

PLUG / CONNECTOR

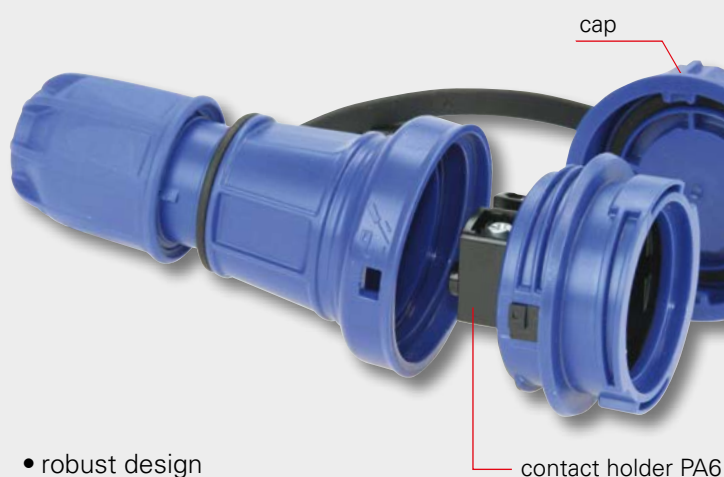
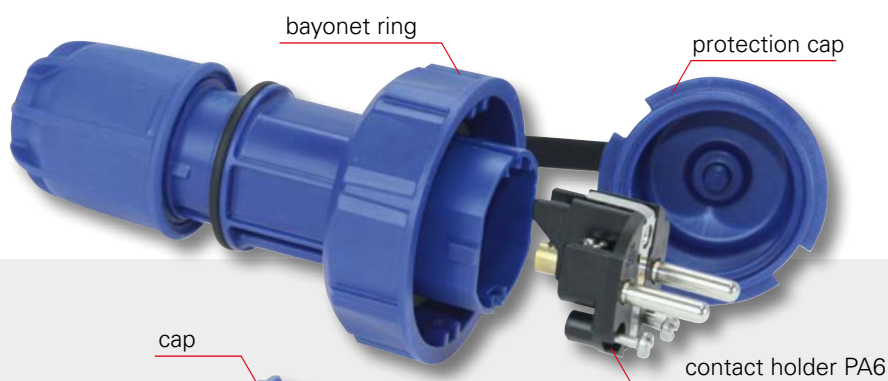
- IP66/68 waterproof up to 2 bar / 2 h •  for severe conditions • with/without shutter



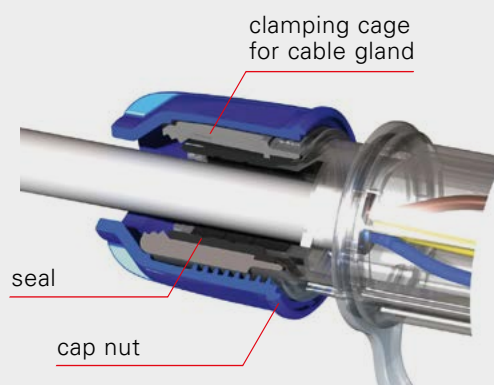
Austrian/German system



French/Belgian system



Screwless cable gland

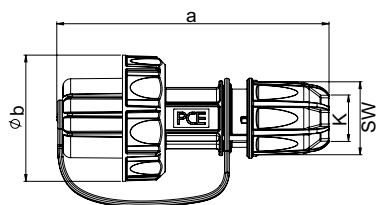


- robust design
- housing material PC/ABS
- protection cover with bayonet
- contact supporting part of PA6, glow wire test 850°C
- open contact screw head +/- (Typ H, Size 2)
- nickel-plated screw terminals
- cover and cap with elastic band
- axels and mounting screws in stainless V2A quality
- two earthing system (plug)
- very large hinged lid opening angle (~160°)
- 2 color versions:
 - blue (sim. RAL5005)
 - bronze-green (sim. RAL6031)
- optional: weapon norm approval VG96926

FLANGED SOCKET



Watertight plugs and connectors IP66/68

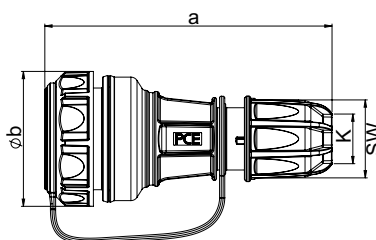


Plug with protection cap IP66/68

	16 Amp
Poles	2P + E
a [mm]	144
b Ø [mm]	65
K (cable Ø) [mm]	6- 19
SW [mm]	38
Wire flexible [mm²]	1- 2,5
Contact screws [Ncm]	80
Weight [g]	120

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated
- protection cap with band
- VG96926 (Weapon norm approval) on request!

IP66/68 watertight
up to 2 bar / 2h

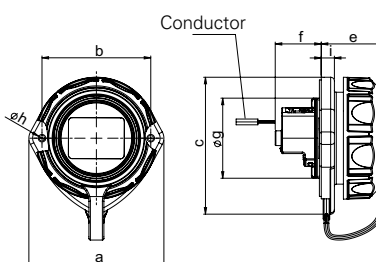


Connector with cap IP66/68

	16 Amp
Poles	2P + E
a [mm]	140
b Ø [mm]	65
K (cable Ø) [mm]	6- 19
SW [mm]	38
Wire flexible [mm²]	1- 2,5
Contact screws [Ncm]	80
Weight [g]	140

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated
- cap with band
- VG96926 (Weapon norm approval) on request!

IP66/68 watertight
up to 2 bar / 2h

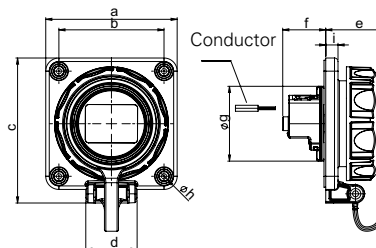


Flanged socket oval with cover band IP66/68

	16 Amp
Poles	2P + E
a [mm]	72
b [mm]	58
c [mm]	75
e [mm]	36
f [mm]	25
g [mm]	43
h [mm]	4
i [mm]	7
Wire flexible [mm²]	1- 2x2,5
Wire solid [mm²]	1- 2x2,5
Contact screws [Ncm]	80
Weight [g]	87

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- rear connection
- 2-point fastening
- VG96926 (Weapon norm approval) on request!

IP66/68 watertight
up to 2 bar / 2h



Flanged socket 75x75 mm with cover band IP66/68

	16 Amp
Poles	2P + E
a [mm]	75
b [mm]	60
c [mm]	84
d [mm]	30
e [mm]	36
f [mm]	25
g [mm]	43
h [mm]	5,5
i [mm]	7
Wire flexible [mm²]	1- 2x2,5
Wire solid [mm²]	1- 2x2,5
Contact screws [Ncm]	80
Weight [g]	101

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- rear connection
- 4-point fastening
- VG96926 (Weapon norm approval) on request!

IP66/68 watertight
up to 2 bar / 2h



Amp.	Poles	pack. unit	Abbreviations/Types	250V~	250V~
				50/60Hz blue	50/60Hz bronze-green
				Cat.No.	Cat.No.

			Austrian/German System French/Belgian System		
16	3	10	2-earthing systems	20051-b	20051-u



16	3	10	Austrian/German System without shutter		20251-b	20251-u
16	3	10	with shutter		20251-bc	20251-uc
16	3	10	French/Belgian System without shutter		20241-b	20241-u
16	3	10	with shutter		20241-bc	20241-uc



16	3	10	Austrian/German System rear connection		20351-9b	20351-9u
16	3	10	rear connection, with shutter		20351-9bc	20351-9uc
16	3	10	French/Belgian System rear connection		20341-9b	20341-9u
16	3	10	rear connection, with shutter		20341-9bc	20341-9uc

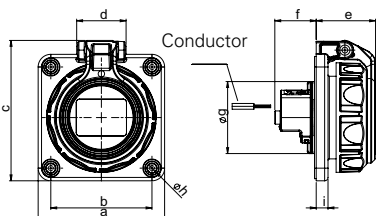


16	3	10	Austrian/German System rear connection		20351-8b	20351-8u
16	3	10	rear connection, with shutter		20351-8bc	20351-8uc
16	3	10	French/Belgian System rear connection		20341-8b	20341-8u
16	3	10	rear connection, with shutter		20341-8bc	20341-8uc



watertight flanged sockets IP66/68

Flanged socket 75x75mm with hinged lid IP66/68



Poles	16 Amp
a [mm]	2P + E
b [mm]	75
c [mm]	60
d [mm]	84
e [mm]	30
f [mm]	36
g [mm]	25
h [mm]	43
i [mm]	5,5
Wire flexible [mm²]	7
Wire solid [mm²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	105

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- rear connection
- 4-point fastening

IP66/68 watertight
up to 2 bar / 2h



Wall housing for flanged socket 75x75mm IP66/68

Example:



- for flange size 75x75mm
- material: PA6
- 4-point fixation
- incl. mounting screws
- incl. cable gland M25



Surface housing for flanged socket 75x75mm IP66/68

Example:



- for flange size 75x75mm
- material: PA6
- 2-point fixation separated from connection area
- incl. mounting screws
- incl. cable gland M20

■ Opening and closing:

When opening the hinged lid it latches into a defined position which prevents the lid when closing in a half position (Fig.1) on the housing. The open and closed position is visible by the position of the silver label to make sure, that the socket is closed all the way to be watertight.

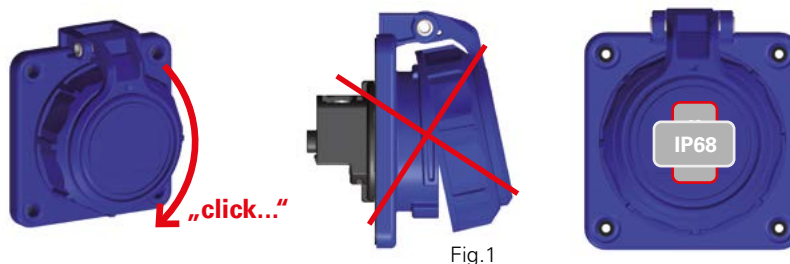


Fig.1

Labelling field horizontal

=>

cover waterproof closed

IP68

Labelling field vertical

=>

cover not closed correctly (not seal)

IP68

Amp.	Poles	pack. unit	Abbreviations/Types	250V~	250V~
				50/60Hz blue	50/60Hz bronze- green
				Cat.No.	Cat.No.
16	3	10	Austrian/German System rear connection rear connection, with shutter	20352-8b	20352-8u
				20352-8bc	20352-8uc
16	3	10	French/Belgian System rear connection rear connection, with shutter	20342-8b	20342-8u
				20342-8bc	20342-8uc



20342-8b



20342-8u



20168g



20168.u



80068



80068.u



80168



80168.u

■ Screw head seal:

Plastic bed „A“ acts as an additional screw head seal to prevent water entering through the screw head.

Flange gasket (seal) „B“ additionally prevents water entering through the threaded shaft of the screw.



A



B





The new **TAURUS²** impresses with its modern design and extraordinary versatility. The functional design guarantees simple and fast assembly and unbeatable user-friendliness.

Modern, slim and ergonomic **design**

Optimized grip area
perfect grip for safe plugging and pulling

Robust rubber housing

Proven contact carriers

- Rubber version (PA6)
- Solid rubber version (TPE)

Optimum **cable entry**
with **bend protection** (membrane seal)
for cable diameter Ø 6-13mm

Reinforcing ring
(extends the life span of the cable entry)



Connector IP54
with hinged lid

Plug IP54

Connector IP20

Connector IP54
with cap

100%
MADE IN AUSTRIA

- for severe conditions 
- 16A 250V~
- single and dual earthing system

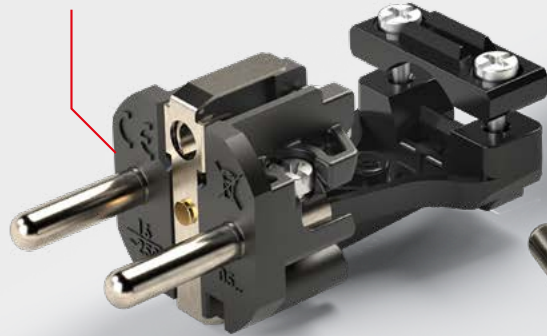
Torques:

contact screws:	80Ncm
strain relief/housing screw:	110Ncm

- ✓ easy disassembly of housing
- ✓ large connection area
- ✓ simple mounting of the contact carriers
- ✓ internal strain relief
- ✓ easy to use cable clamp elements (open screws)
- ✓ all contact screws can be adjusted from a single direction

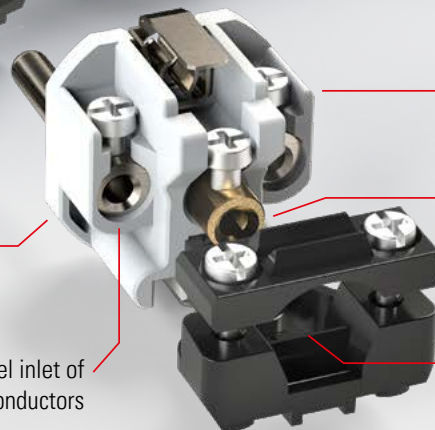
QUALITY IN EVERY DETAIL

Solid rubber version contact carrier rubber (TPE)



Rubber version contact carrier polyamide (PA6)

funnel inlet of
conductors



open +/- contact
screws (PH2)

PE terminal leading
(no need to shorten
L and N conductor)

open strain relief
(PA6)

2x8 COLOR VARIATIONS

Standard version
housing black / ring red



special colors **ring**



special colors **housing**



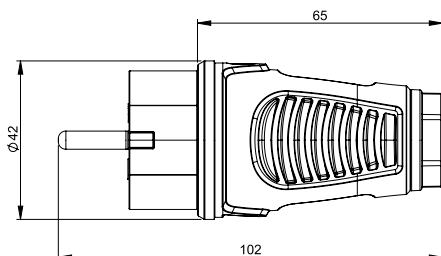
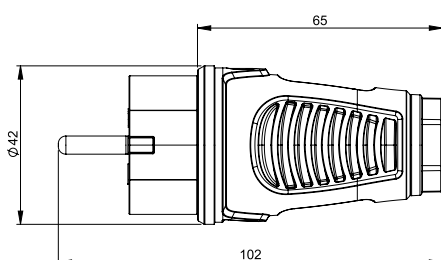
Plug IP54

Safety plug Series TAURUS²

- rubber version (housing TPE, contact carriers PA6) or
- solid rubber version (housing TPE, contact carriers TPE)
- Austrian/German system or dual earthing system
- color (housing/ring): black/red (standard)
- protection class: **IP54** splashproof



0522-sr



Austrian/German system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
Austrian/German	0511-sr	0512-sr



pack. unit = 30 pcs. (minimum order quantity)



Dual earthing system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
dual earthing system	0521-sr	0522-sr



pack. unit = 30 pcs. (minimum order quantity)



Special colors ring (MOQ 200 pcs.)	black	orange	yellow	green	blue	white	dark gray
Austrian/German rubber	0511-ss	0511-so	0511-she	0511-shu	0511-sb	0511-sw	0511-sdg
Austrian/German solid rubber	0512-ss	0512-so	0512-she	0512-shu	0512-sb	0512-sw	0512-sdg
dual earthing system rubber	0521-ss	0521-so	0521-she	0521-shu	0521-sb	0521-sw	0521-sdg
dual earthing system solid rubber	0522-ss	0522-so	0522-she	0522-shu	0522-sb	0522-sw	0522-sdg



Special colors housing (MOQ 500 pcs.)	red	orange	yellow	green	blue	light gray	anthracite
Austrian/German rubber	0511-rs	0511-os	0511-es	0511-us	0511-bs	0511-gs	0511-as
Austrian/German solid rubber	0512-rs	0512-os	0512-es	0512-us	0512-bs	0512-gs	0512-as
dual earthing system rubber	0521-rs	0521-os	0521-es	0521-us	0521-bs	0521-gs	0521-as
dual earthing system solid rubber	0522-rs	0522-os	0522-es	0522-us	0522-bs	0522-gs	0522-as

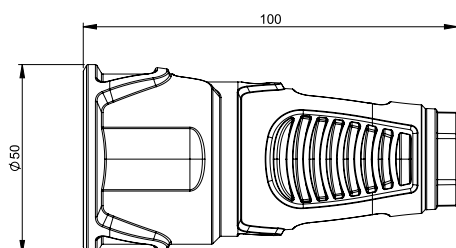


2520-sr

Connector IP20

Safety connector Series TAURUS²

- rubber version (housing TPE, contact carriers PA6) or
- solid rubber version (housing TPE, contact carriers TPE)
- Austrian/German or French/Belgian system
- with or without shutter
- color (housing/ring): black/red (standard)
- Protection class: **IP20**



Austrian/German system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
Austrian/German	2510-sr	2520-sr
Austrian/German with shutter	2510-src	—



pack. unit = 20 pcs. (minimum order quantity)



French/Belgian system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
French/Belgian	2410-sr	—
French/Belgian with shutter	NF 2410-src	—

pack. unit = 20 pcs. (minimum order quantity)



Special colors ring (MOQ 200 pcs.)	black	orange	yellow	green	blue	white	dark gray
Austrian/German rubber	2510-ss	2510-so	2510-she	2510-shu	2510-sb	2510-sw	2510-sdg
Austrian/German rubber with shutter	2510-ssc	2510-soc	2510-shec	2510-shuc	2510-sbc	2510-swc	2510-sdgc
Austrian/German solid rubber	2520-ss	2520-so	2520-she	2520-shu	2520-sb	2520-sw	2520-sdg
French/Belgian rubber	2410-ss	2410-so	2410-she	2410-shu	2410-sb	2410-sw	2410-sdg
French/Belgian rubber with shutter	2410-ssc	2410-soc	2410-shec	2410-shuc	2410-sbc	2410-swc	2410-sdgc



Special colors housing (MOQ 500 pcs.)	red	orange	yellow	green	blue	light gray	anthracite
Austrian/German rubber	2510-rs	2510-os	2510-es	2510-us	2510-bs	2510-gs	2510-as
Austrian/German rubber with shutter	2510-rsc	2510-osc	2510-esc	2510-usc	2510-bsc	2510-gsc	2510-asc
Austrian/German solid rubber	2520-rs	2520-os	2520-es	2520-us	2520-bs	2520-gs	2520-as
French/Belgian rubber	2410-rs	2410-os	2410-es	2410-us	2410-bs	2410-gs	2410-as
French/Belgian rubber with shutter	2410-rsc	2410-osc	2410-esc	2410-usc	2410-bsc	2410-gsc	2410-asc



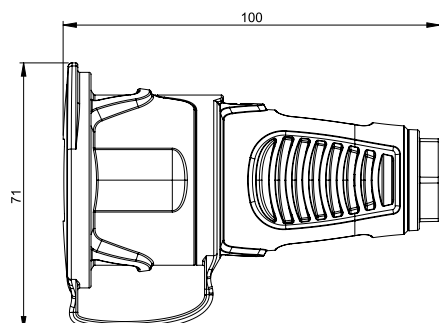
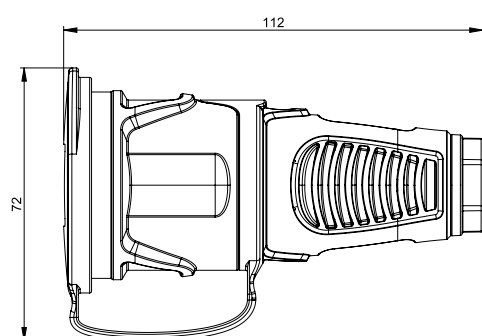
Connector IP54 with cap

Safety connector Series TAURUS²

- rubber version (housing TPE, contact carriers PA6) or
- solid rubber version (housing TPE, contact carriers TPE)
- Austrian/German or French/Belgian system
- with or without shutter
- with cap and band
- color (housing/ring): black/red (standard)
- Protection class: **IP54** splashproof



2521-sr



Austrian/German system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
Austrian/German	2511-sr	2521-sr
Austrian/German with shutter	2511-src	–



pack. unit = 20 pcs. (minimum order quantity)



French/Belgian system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
French/Belgian	2411-sr	–
French/Belgian with shutter	NF 2411-src	–



pack. unit = 20 pcs. (minimum order quantity)



Special colors ring (MOQ 200 pcs.)	black	orange	yellow	green	blue	white	dark gray
Austrian/German rubber	2511-ss	2511-so	2511-she	2511-shu	2511-sb	2511-sw	2511-sdg
Austrian/German rubber with shutter	2511-ssc	2511-soc	2511-shec	2511-shuc	2511-sbc	2511-swc	2511-sdgc
Austrian/German solid rubber	2521-ss	2521-so	2521-she	2521-shu	2521-sb	2521-sw	2521-sdg
French/Belgian rubber	2411-ss	2411-so	2411-she	2411-shu	2411-sb	2411-sw	2411-sdg
French/Belgian rubber with shutter	2411-ssc	2411-soc	2411-shec	2411-shuc	2411-sbc	2411-swc	2411-sdgc



Special colors housing (MOQ 500 pcs.)	red	orange	yellow	green	blue	light gray	anthracite
Austrian/German rubber	2511-rs	2511-os	2511-es	2511-us	2511-bs	2511-gs	2511-as
Austrian/German rubber with shutter	2511-rsc	2511-osc	2511-esc	2511-usc	2511-bsc	2511-gsc	2511-asc
Austrian/German solid rubber	2521-rs	2521-os	2521-es	2521-us	2521-bs	2521-gs	2521-as
French/Belgian rubber	2411-rs	2411-os	2411-es	2411-us	2411-bs	2411-gs	2411-as
French/Belgian rubber with shutter	2411-rsc	2411-osc	2411-esc	2411-usc	2411-bsc	2411-gsc	2411-asc

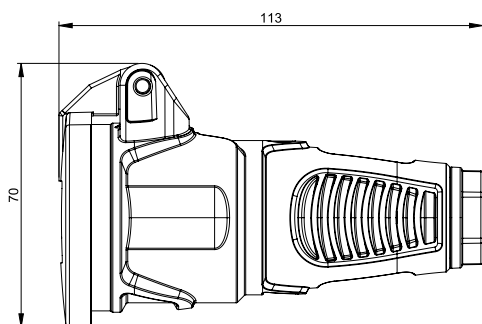
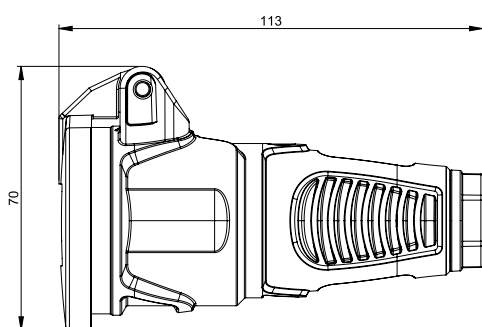


2522-sr

Connector IP54 with hinged lid

Safety connector Series TAURUS2

- rubber version (housing TPE, contact carriers PA6) or
- solid rubber version (housing TPE, contact carriers TPE)
- Austrian/German or French/Belgian system
- with or without shutter
- with self closing hinged lid
- color (housing/ring): black/red (standard)
- Protection class: **IP54** splashproof



Austrian/German system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
Austrian/German	2512-sr	2522-sr
Austrian/German with shutter	2512-src	–



pack. unit = 20 pcs. (minimum order quantity)



French/Belgian system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
French/Belgian	2412-srw	–
French/Belgian with shutter	2412-srcw	–



pack. unit = 20 pcs. (minimum order quantity)

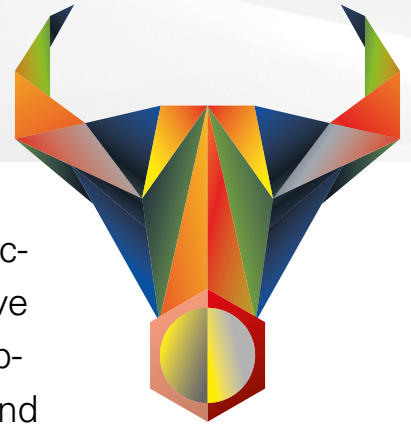


Special colors ring (MOQ 200 pcs.)	black	orange	yellow	green	blue	white	dark gray
Austrian/German rubber	2512-ss	2512-so	2512-she	2512-shu	2512-sb	2512-sw	2512-sdg
Austrian/German rubber with shutter	2512-ssc	2512-soc	2512-shec	2512-shuc	2512-sbc	2512-swc	2512-sdgc
Austrian/German solid rubber	2522-ss	2522-so	2522-she	2522-shu	2522-sb	2522-sw	2522-sdg
French/Belgian rubber	2412-ssw	2412-sow	2412-shew	2412-shuw	2412-sbw	2412-sww	2412-sdgw
French/Belgian rubber with shutter	2412-sscw	2412-socw	2412-shecw	2412-shucw	2412-sbcw	2412-swcw	2412-sdgcw



Special colors housing (MOQ 500 pcs.)	red	orange	yellow	green	blue	light gray	anthracite
Austrian/German rubber	2512-rs	2512-os	2512-es	2512-us	2512-bs	2512-gs	2512-as
Austrian/German rubber with shutter	2512-rsc	2512-osc	2512-esc	2512-usc	2512-bsc	2512-gsc	2512-asc
Austrian/German solid rubber	2522-rs	2522-os	2522-es	2522-us	2522-bs	2522-gs	2522-as
French/Belgian rubber	2412-rsw	2412-ows	2412-esw	2412-usw	2412-bsw	2412-gsw	2412-asw
French/Belgian rubber with shutter	2412-rscw	2412-oscw	2412-escw	2412-uscw	2412-bscw	2412-gscw	2412-ascw





The new series **TOPTAURUS²** safety plugs and connectors is now even easier to assemble thanks to the innovative quick locking system: the completely new design in the rubberized housing allows for the shortest connection times and outstanding haptics - optionally with LED voltage indicator (connector).



100%
MADE IN AUSTRIA

- for severe conditions 
- 16A 250V~
- dual earthing system

Torques:

contact screws:	80Ncm
housing (strain relief):	400Ncm

STRONG-QUICK-UNIQUE

- ✓ minimum assembly time due to screwless quick locking system for the housing cover and strain relief
- ✓ rubberized surface for optimum feel and perfect grip
- ✓ easy mounting and dismounting of the contact carrier
- ✓ open contact screws - all operable from one direction
- ✓ connector: LED operating voltage indicator (optional)



6 COLORS AVAILABLE



Standard
black/red



Midnight
black/black



Special colors
on request

LED operating voltage indicator
for visual indication if voltage is present.
(suitable for repeating tests)



QUICK & EASY ASSEMBLY

1 Push in direction of the arrow
to unlock contact carrier



2 Pull out contact carrier



3 Insert and connect cable

4 Tighten housing cover
contact carrier is automatically locked and strain relief is tightened



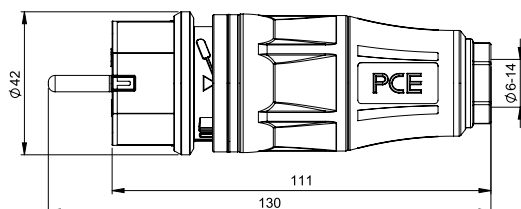
READY!



Plug IP54

Safety plug series TOPTAURUS²

- material: PA6, 2-component rubberized
- system: dual earthing system
- screwless quick lock system for housing cover and strain relief
- color: black/red
- protection class: **IP54** dust- and splashproof



05721-sr



version	dual earthing system
plug IP54	05721-sr

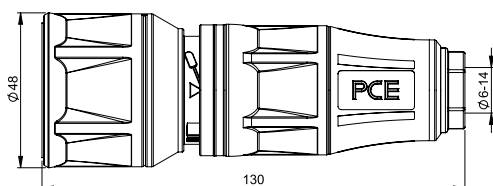


pack.unit = 20 pcs.

Connector IP20

Safety connector series TOPTAURUS²

- material: PA6, 2-component rubberized
- system: Austrian/German
- screwless quick lock system for housing cover and strain relief
- color: black/red
- optional: LED voltage indicator light
- protection class: **IP20**



25710-sr



version	Austr./German
connector IP20	25710-sr
connector IP20 with shutter	25710-src
connector IP20 with LED voltage indicator	25730-sr
connector IP20 with shutter and with LED voltage indicator	25730-src

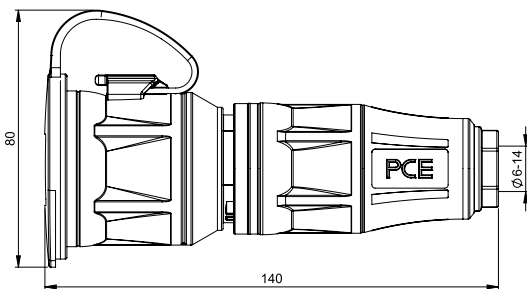


pack.unit = 10 pcs.

Connector IP54 with cap

Safety connector series TOPTAURUS2

- material: PA6, 2-component rubberized
- system: Austrian/German or French/Belgian
- cap with band
- screwless quick lock system for housing cover and strain relief
- color: black/red
- optional: LED voltage indicator light
- protection class: **IP54** dust- and splashproof



25711-sr



version	Austr./German	French/Belgian
connector IP54 with cap	25711-sr	24711-sr
with shutter	25711-src	24711-src
with LED voltage indicator	25731-sr	24731-sr
with shutter and with LED voltage indicator	25731-src	24731-src

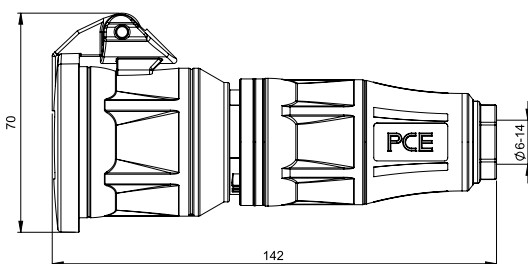


pack.unit = 10 pcs.

Connector IP54 with hinged lid

Safety connector series TOPTAURUS2

- material: PA6, 2-component rubberized
- system: Austrian/German or French/Belgian
- cover with hinged lid
- screwless quick lock system for housing cover and strain relief
- color: black/red
- optional: LED voltage indicator light
- protection class: **IP54** dust- and splashproof



25712-sr



Version	Austr./German	French/Belgian
connector IP54 with hinged lid	25712-sr	24712-sr
with shutter	25712-src	24712-src
with LED voltage indicator	25732-sr	24732-sr
with shutter and with LED voltage indicator	25732-src	24732-src



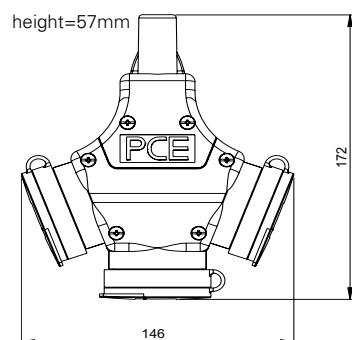
pack.unit = 10 pcs.

3-way connector

- IP44 •  for severe conditions • 16A 250V~ • rubber and solid rubber



3-way connector rubber with cap* IP44



- with cap
- Insert: polyamide
- Ready pre-wired on main terminal

IP44 splashproof 



contact carriers:	acc. Austrian/German system	acc. French/Belgian System
Polyamide	25311-s	24311-s
Polyamide with shutter	25311-sc	24311-sc

pack.unit: 5 pcs.



* 3-way connectors with hinged lid see page 193

3-way connector rubber with cap* and 5-pole connector IP44



- 5-pole connector terminal
- With cap
- Insert: polyamide
- Ready pre-wired on main terminal

IP44 splashproof 



contact carriers:	acc. Austrian/German system	acc. French/Belgian System
Polyamide	25311-s5	24311-s5
Polyamide with shutter		24311-sc5

pack.unit: 5 pcs.



* 3-way connectors with hinged lid see page 193



3-WAY CONNECTOR

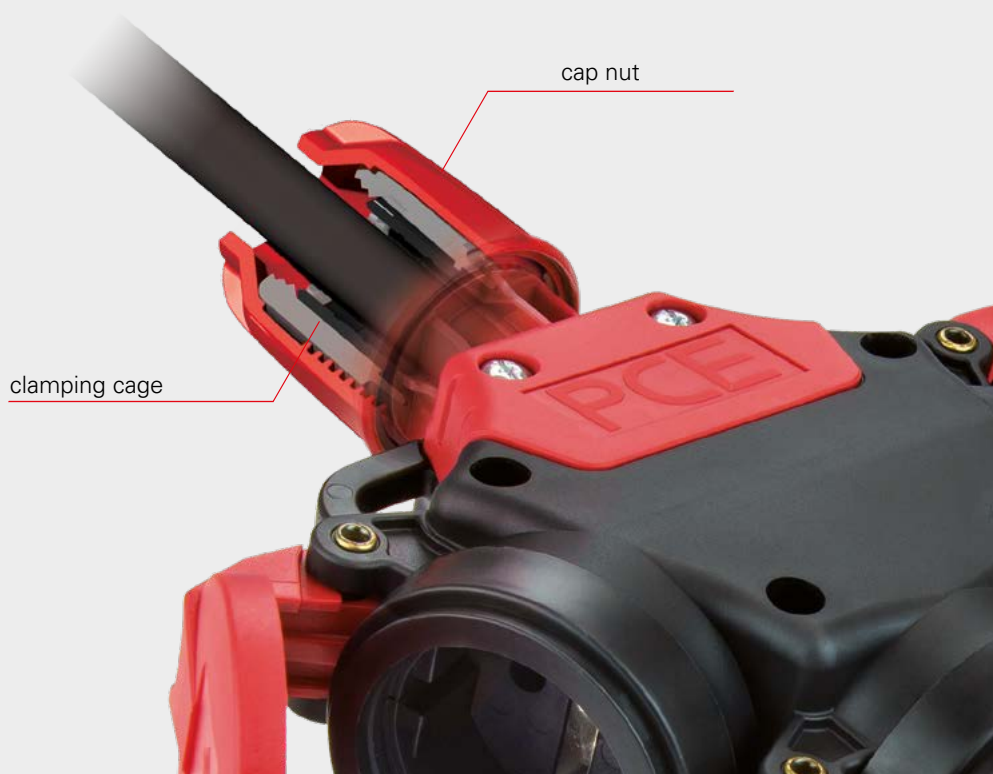


optional:
LED-indicator

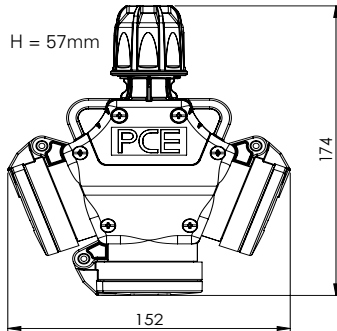
- hinged lid (self closing)
- large connection area
- 3 or 5 pole terminal
- suspension hook
- LED-indicator optional

CABLE CLAMP

- externally placed
- easy handling
- simple assembly
- for cable diameters from:
6–13mm (plug & connector)
6–19mm (3-way connector)



3-way connector solid rubber with hinged lid IP44



- With hinged lid
- External centric cable gland
- Insert: rubber
- Ready wired on main terminal

IP44 splashproof



optional LED indicator



contact carriers:	
Austrian/German	253622-s
Austrian/German (with LED indicator)	253642-s

pack.unit: 5 pcs.

other versions (e.g. shutter) on request!

3-way connector solid rubber with hinged lid and 5-pole terminal IP44



- 5-pole terminal
- With hinged lid
- External centric cable gland
- Insert: rubber
- Ready wired on main terminal

IP44 splashproof

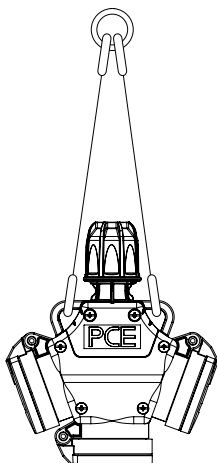


contact carriers:	
Austrian/German	253622-s5

pack.unit: 5 pcs.

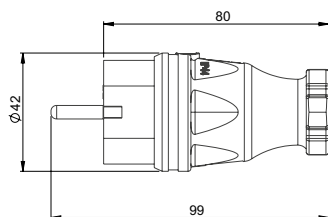
3-way connectors are also perfectly for hanging usage!

- **Suspension kit** for 3-way connector (L=300mm) **2563-1**



Safety plugs

Plug french/belgian system IP44



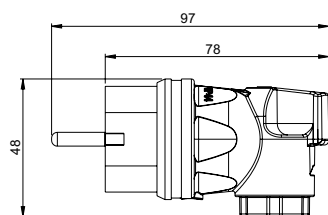
IP44 splashproof 



Version:	Rubber	Solid rubber
Contact carriers	polyamide (PA6)	rubber (TPE)
french/belgian	0531-s	0532-s

pack.unit: 30 pcs.

Angled plug (rubber / solid rubber) IP44



IP44 splashproof 



Insert:	acc. Austrian/German system	dual earthing system	acc. French/Belgian System
Polyamide	05811-s	05821-s	05831-s
Rubber	05812-s	05822-s	05832-s

pack.unit: 30 pcs.

Safety plugs and sockets POLYAMIDE

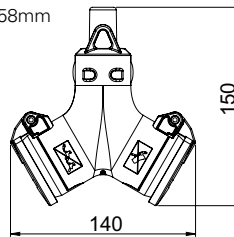
2-way connector with hinged lid IP44

- With hinged lid
- Insert: polyamide

IP44 splashproof



Height = 58mm



Insert:	acc. Austrian/German system	acc. French/Belgian System
Polyamide	25212-r	24212-r
Polyamide with shutter	25212-rc	24212-rc

pack.unit: 10 pcs.

Safety plugs and connectors

Polyamide

Plug

- Polyamide

IP20

Color	pack. unit	acc. Austrian/German system		dual earthing system
		cable entry central	cable entry side	cable entry central
white	50	02958	05018	08266
brown	50	02961	05021	08282
black	50	02974	05034	08295
grey	50	02980	05040	



Connector

- Polyamide

IP20

Color	pack. unit	acc. Austrian/German system		acc. French/Belgian system
		cable entry central	cable entry side	
white	25	05148		08224
brown	25	05164		
black	25	05177		08253
grey	25	05180		



Plug British system 13A

Plug

- Polyamide
- With integrated 13A fuse
- Cable entry: side

IP32

Color	pack. unit.	acc. british system
		cable entry side
black	10	00200





PROTECT - CHECK - SWITCH

Protect - Check - Switch



Page

Mobile personal protection device
PRCD-S+, PRCD-K+, NM5p, Safety distribution boxes

198

CEE diagnostic plug

202

CEE current measurement plug

203

Adaptors

204

Motor protection switch

205

Motor protection plugs

206

PRCD-S+

The crucial **PLUS** in safety!

Mobile personal protection device to prevent electrical injury especially on construction sites.

Advantages and functions:

- 1 Before every switch-on procedure and during operation a **fully automatic** verification is performed in order to check the correct supply conditions. **The classic "test button" is eliminated.**
- 2 Measuring errors caused, for example, by the wearing of a glove when switching on are indicated by the signal unit flashing red. In this case, the **PRCD-S+** from PCE gives a visual warning and **does not switch on.**
- 3 The **LED signal unit** (red/green) visualizes error situations and offers a permanent status indication.
- 4 The PE conductor circuit is switched on in advance and switched off with a delay.
- 5 Failure situations like external voltage on the PE conductor or fault current above rated values cause an **interruption of L and N.** **The PE conductor stays closed** and keeps being monitored!
- 6 The integral surge voltage protection detects 400 VAC and 220 VDC and does not allow these to pass (a weak point occurs).
- 7 Undervoltage will be recognized and the **PRCD-S+** switches off.
- 8 The **PRCD-S+** recognises conductor interruptions or wiring errors from the source system.
- 9 The **PRCD-S+** from PCE is very handy and light weight, much simpler in comparison to an isolation transformer and cheaper in acquisition and usage.

PCE's **PRCD-S+** protects the user against incorrect electrical installations.

- ✓ N or L conductor interrupted
- ✓ External voltage on the PE conductor
- ✓ Surge voltage
- ✓ Wiring errors (L and PE conductor reversed)
- ✓ PE conductor interrupted
- ✓ Undervoltage or voltage failure
- ✓ DC voltage
- ✓ Fault currents with rated values of 30mA (or 10mA)

www.prcd-s.info

PRCD-S+ safety protection devices with comprehensive personal protection

PRCD-S+ Mobile personal protection device

- for direct use inline with connection cords
- Cable inline version **PRCD-S+** 16A 30mA IP55
- Cable inline version **PRCD-S+** 16A 10mA IP55

967011355

967011155



PRCD-S+ Safety extension cord IP44

- 3m H07RN-F 3G1,5
- with mobile personal protection device **PRCD-S+** 16A 250V~ 30mA
- mounted rubber safety plug and rubber safety connector 16A 250V~

4670001



PRCD-S+ Safety extension cord with 3-way connector IP44

- 3m H07RN-F 3G1,5
- with mobile personal protection device **PRCD-S+** 16A 250V~ 30mA
- mounted rubber safety plug and rubber 3-way connector 16A 250V~

4670002



PRCD-S+ Safety cable reel XREEL® 250

- 25m H07RN-F 3G1,5
- 3x safety sockets (individually replaceable) with sealing bulge and self closing hinged lid 16A 250V, thermo protection switch and rubber safety plug (dual earthing system)
- Including mobile personal protection device **PRCD-S+** 16A 250V~ 30mA, IP44

9250027-p



PRCD-S+ Safety cable reel XREEL® 310

- 40m H07RN-F 3G2,5
- 4x safety sockets (individually replaceable) with sealing bulge and self closing hinged lid 16A 250V, thermo protection switch, power indicator light and rubber safety plug (dual earthing system).
- Including mobile personal protection device **PRCD-S+** 16A 250V~ 30mA, IP44

9350001-p



PRCD-S+ Carrying case

Robust, stackable carrying case made of polypropylen for perfect storage and carrying of your **PRCD-S+** safety device or any other equipment.
outside dimensions: 388x388x110mm (WxHxD)
inside dimensions: 370x295x100mm (WxHxD)

000256



PRCD-K⁺ safety protection devices for IT power grids

with comprehensive personal protection



PRCD-K⁺ personal protection device for IT power grids for direct use inline

- **PRCD-K⁺ safety personal protection device (green button):**
The PRCD-K⁺ is an all-pole switching mobile personal safety device with electronic fault evaluation for use between any socket of the power generator and the consuming device, if possible directly behind each socket.
- Unlike the PRCD-S⁺, the PRCD-K⁺ has no PE monitoring, as it has been developed exclusively for use in IT power grids (isolating transformers, power generators, etc...).
- **The PRCD-K⁺ recognizes and protects in the following cases:**
 - N conductor interrupted
 - Undervoltage or voltage failure
 - Surge voltage
 - DC voltage
 - Wiring errors
 - Fault currents with rated values of 30mA

To protect against surge voltage in the PE conductor varistors are built-in, which shut off all poles of the PRCD-K⁺. Therefore, the highest possible personal protection is given!

- Cable inline version **PRCD-K⁺** 16A 30mA IP55

968011355

PRCD-S protective switching device 3-phase

with comprehensive personal protection



NM5p Network monitor device

- **The processor-controlled network monitor device NM5p is used to monitor phases, neutral and grounding of 5-pin 400V plug-in devices in TN power supply networks.**
- **PRCD-S protection device:**
The NM5p, in conjunction with a tested circuit arrangement by RCD and contactors, provides reliable protection against electrical accidents in the case of power supply-side faults. (Example: incorrectly connected plug-in devices)
- **NM5P monitoring device** for DIN rail mounting (2TE) with push button
Input: L1 / L2 / L3 / N / PE and connection for external button
Output: control for 2x contactor (K1 and K2)

47365

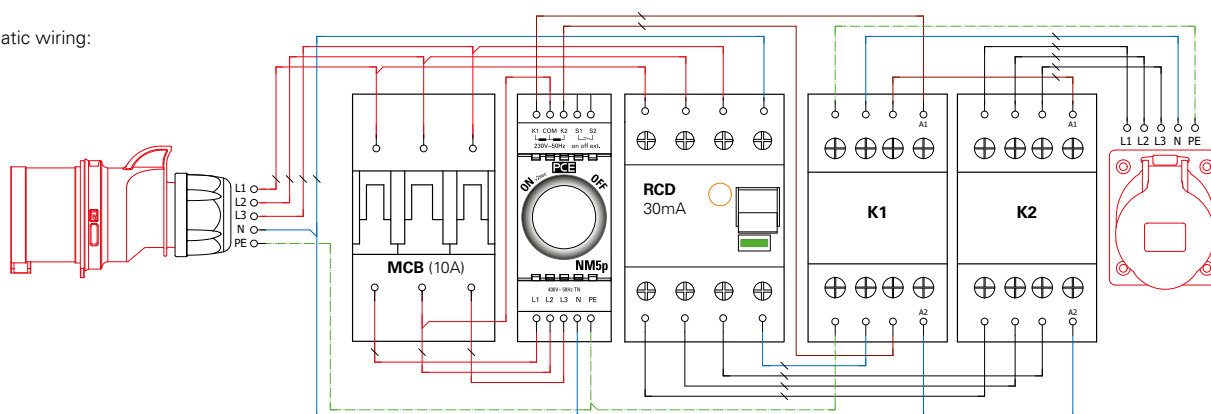


Error detection:

The NM5p monitoring device will not turn on or switches off if:

- **Phase error:**
Drop of one or more phase voltages towards star point, device can not be switched on or switches off.
- **Neutral is missing or carries voltage against earth:**
Increase of the neutral conductor voltage > 20V_{eff} against earth, device can not be switched on or switches off.
- **Ground is missing or carries voltage against measured reference:**
Increase of the voltage at the earthing line > 20V_{eff}, device can not be switched on or switches off.
- **Protection against automatic restart:**
In the event of power failures, protection against automatic re-switching on, prevents uncontrolled starting of electrical appliances.

Schematic wiring:



PRCD-S Safety distribution box 3-phase with comprehensive personal protection

PRCD-S Safety distribution box 400V 16A with NM5P

- Mobile thermoplastic distribution box type ISCHL IP44 200x300x200
 - Entry: 2m cable H07RN-F 5G2,5mm² with plug 16A 5p 400V
 - Outlet: 1x CEE-socket 16A 5p 400V fused by pre-fuse in entry
3x safety socket 16A 250V IP54 fused by pre-fuse in entry
 - Protection: 1x RCD 40A/4/0.03A (TYP A 25AT) over all outlets
1x NM5p safety control 5-phase system PCE-control unit to monitor the 5-pole power supply entry side
2x power contactor 12,5kW AC3 to switch off the outlets

9130100



symbolic picture

PRCD-S Safety distribution box 400V 16A with NM5P

- Mobile rubber distribution box type RIED IP54 285x235x281
 - Entry: 2m cable H07RN-F 5G2,5mm² with plug 16A 5p 400V
 - Outlet: 1x CEE-socket 16A 5p 400V fused by pre-fuse in entry
3x safety socket 16A 250V IP54 fused by pre-fuse in entry
 - Protection: 1x RCD 40A/4/0.03A (TYP A 25AT) over all outlets
1x NM5p safety control 5-phase system PCE-control unit to monitor the 5-pole power supply entry side
2x power contactor 12,5kW AC3 to switch off the outlets

9473300



symbolic picture

PRCD-S Safety distribution box 400V 32A with NM5P

- Mobile rubber distribution box type SPITZ IP54 320x320x320
 - Entry: 2m cable H07RN-F 5G6mm² with plug 32A 5p 400V
 - Outlet: 1x CEE-socket 16A 5p 400V fused by pre-fuse in entry
 - Protection: 1x RCD 63A/4/0.03A (TYP A 40AT) over all outlets
1x NM5p safety control 5-phase system PCE-control unit to monitor the 5-pole power supply entry side
2x power contactor 15kW AC3 to switch off the outlets
1x MCB 10A 3p B for control fuse

94741905



PRCD-S Safety distribution box 400V 32A with NM5P

- Mobile rubber distribution box type SCHREMS IP54 255x400x300
 - Entry: 2m cable H07RN-F 5G6mm² with plug 32A 5p 400V
 - Ausgang: 1x CEE-socket 32A 5p 400V fused by pre-fuse in entry
1x CEE-socket 16A 5p 400V fused with 1xMCB 16A 3p C
3x safety socket 16A 250V IP54 fused with 3xMCB 16A 1p C
 - Protection: 1x RCD 63A/4/0.03A (TYP A 40AT) over all outlets
1x NM5p safety control 5-phase system PCE-control unit to monitor the 5-pole power supply entry side
2x power contactor 15kW AC3 to switch off the outlets
1x MCB 10A 3p B for control fuse

9504400



CEE diagnostic plug with LED display



CEE diagnostic plug* with LED display

• The practical helper for all electricians in industry, craft and on construction sites!

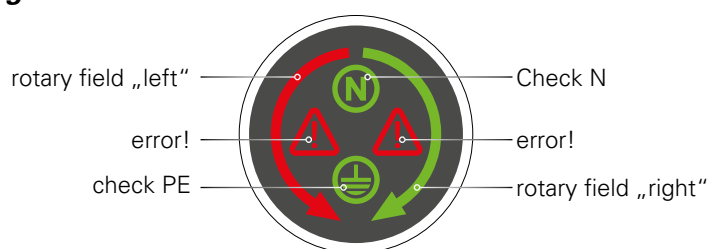
• Multiple display- and diagnostic functions

- ✓ Rotary field check
- ✓ Phase conductor check
- ✓ Neutral conductor check
- ✓ Protective earth conductor check

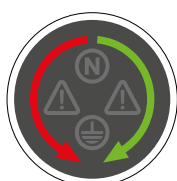
IP20

Version:	Cat.No.
16A CEE plug with LED display (16A 5p 6h 400V)	9434152
32A CEE plug with LED display (32A 5p 6h 400V)	9434252

Display diagnostic plug:



Display								
L1	✓	✓	✓	✓	L3	L3	L3	L3
L2	✓	✓	✓	✓	L2	L2	L2	L2
L3	✓	✓	✓	✓	L1	L1	L1	L1
N	✓	✓	!	!	✓	✓	!	!
PE	✓	!	✓	!	✓	!	✓	!



Simultaneous illumination of „rotating field left“ and „rotating field right“ (also in combination with any other symbol) indicates an error, which has to be checked by a qualified electrician.

Potential cause of error: missing phases, phases swapped with N or PE,...

* only for temporary testing period allowed! (not for permanent use)

CEE current measurement plug

Current measurement plug* 16A (L1-L2-L3)

The new CEE current measurement test adapter allows a simple and easy measurement of each single phase L1-L2-L3 with a standard clamp meter and offers an optional rotation field check.

Technical data:

Entry:	CEE plug 16A 400V 5p 6h
Outlet:	CEE connector 16A 400V 5p 6h
Ingress protection:	IP44 splashproof
Current measurement:	L1 / L2 / L3 with clamp meter (not included)
Rotation field check:	LED lights (optional) • Rotation clockwise (green) • Rotation counter clockwise (red) • Phase missing (no light)

Version:	Best.Nr.
16A CEE adapter without rotation field check	9434150
16A CEE adaptor with rotation field check	9434151



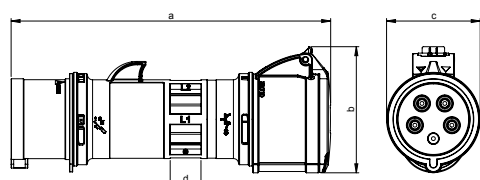
Current measurement plug* 32A (L1-L2-L3-N-PE)

The new CEE current measurement test adapter allows a simple and easy measurement of each single phase L1-L2-L3 as well as N and PE separate with a standard clamp meter and offers an optional rotation field check.

Technical data:

Entry:	CEE plug 32A 400V 5p 6h
Outlet:	CEE connector 32A 400V 5p 6h
Ingress protection:	IP44 splashproof
Current measurement:	L1 / L2 / L3 / N / PE with clamp meter (not included)
Rotation field check:	LED lights (optional) • Rotation clockwise (green) • Rotation counter clockwise (red) • Phase missing (no light)

Version:	Best.Nr.
32A CEE current adapter without rotation field check	9434250
32A CEE current adapter with rotation field check	9434251



Ampere	16 A	32 A
Poles	5	5
a	220	250
b	89	99
c	66	73
d	20	24



Fig.: Example with connected plug, connector and clamp meter.

ADVANTAGES

- ✓ **SAFE** - plugs, enclosures and connectors do not have to be opened in order to expose the wires.
- ✓ **SIMPLE** - handy and easy operation by comfortable plug-in operation (adapter function)..
- ✓ **FAST** - fast current measurement or symmetrical diagnosis for three phase loads (e.g. in combination with distribution boxes).
- ✓ **UNIVERSAL** - current measurement with standard clamp meter* and optional rotation field check in one unit.

* only for temporary use!

Adaptors

Adaptor thermoplastic

IP44 splashproof



Entry	Protection	Outlet	Cat.No.
CEE-plug 16A 5p 400V	–	CEE-socket 32A 5p 400V	9437420
CEE-phase inverter 16A 5p 400V	–	CEE-socket 32A 5p 400V	9437430

Reducing adaptor thermoplastic

IP44 splashproof

Entry	Protection	Outlet	Cat.No.
CEE-plug 32A 5p 400V 	MCB 16A 3p-C	CEE-socket 16A 5p 400V	9436422
CEE-phase inverter 32A 5p 400V 	MCB 16A 3p-C	CEE-socket 16A 5p 400V	9436432
CEE-plug 32A 5p 400V	MCB 16A 1p-C	safety socket 16A 250V	9439633

... available on stock!



Reducing adaptor solid rubber, series FREISTADT

Entry	Protection	Outlet	Cat.No.
2m cable 3G4 with CEE-plug 32A 5p 400V	MCB 16A 1p-C	safety socket 16A 250V IP54	9848715

Reducing adaptor solid rubber, series TRAUNSEE

with carrying handle, IP44 splashproof



Entry	Protection	Outlet	Cat.No.
2m cable 5G4 with CEE-plug 32A 5p 400V	MCB 16A 3p-C	CEE-socket 16A 5p 400V	9216635
2m cable 5G10 with CEE-plug 63A 5p 400V	MCB 16A 3p-C RCD 40/4/0,03A	CEE-socket 16A 5p 400V	9216631
2m cable 5G10 with CEE-plug 63A 5p 400V	MCB 32A 3p-C RCD-therm 40/4/0,03A	CEE-socket 32A 5p 400V	9216645

Reducing adaptor solid rubber, series ZELL

with carrying handle, IP44 splashproof



Entry	Protection	Outlet	Cat.No.
2m cable 5G16 with CEE-plug 125A 5p 400V	MCB 63A 3p-C	CEE-socket 63A 5p 400V	9226961

CEE adaptor cable

IP44 splashproof



Entry	Protection	Outlet	Cat.No.
1m H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	–	CEE-connector 32A 5p 400V	9809051
1m H07RN-F 5G6 with CEE-plug 32A 5p 400V	–	CEE-connector 63A 5p 400V	980901506204

Special designs- available on request!

Plug with switch, motor protection plug

CEE-plug surface mounting

+ UVR – via contactor

- 16A 5p 400V
- with ON / OFF buttons
- AC3 400V- I_e = max. 9A/400V
- for motors max. 4kW
- flange: 85x85mm, fixing-center: 68x68mm

IP44 splashproof

201620



Housing

for CEE plug surface mounting (Cat.No. 201620)

352531



Iso-box with motor protection

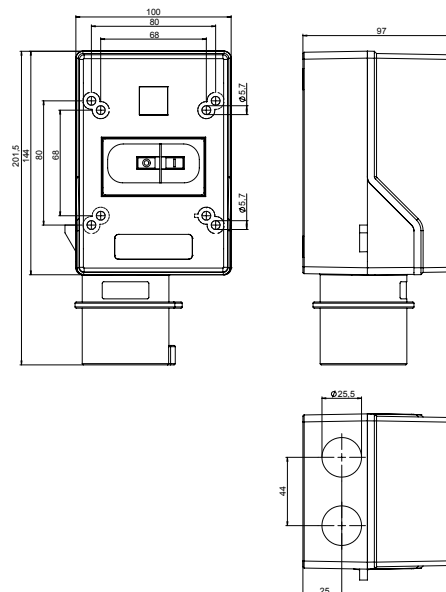
- with padlock barricade
- with undervoltage release (UVR) 400V 50Hz

Bottom housing without mounting holes, embossed for holes 68x68mm or 80x80mm.
Perfect fit for direct mounting on motors (without N-terminal).

IP44 splashproof



	CEE-plug 16A 5p 400V	CEE-plug with phase inverter 16A 5p 400V
Setting range	Cat.No.	Cat.No.
2,5 – 4,0A	210316	210336
4,0 – 6,3A	210317	210337
6,3 – 10,0A	210318	210338
10,0 – 16,0A	210319	210339



Compact distribution box St. Anton 6F

Entry: 1,5m cable H07RN-F 3G1,5 with safety plug (rubber) 16A 250V

Outlet: 1 safety socket 16A 250V
RCD-therm. 25/2/0,03A over outlet

9439109





MOTOR PROTECTION PLUGS CEE PLUGS WITH SWITCH



Motor protection plugs

Results without motor protection plugs:

Do you know the problem of ...

- ... a destroyed engine?
- ... a defective arrangement?
- ... a burnt through winding by overloading?
- ... mechanical damage on account of wrong rotation direction?
- ... secondary damage such as flooding?

Field of Applications

■ Pumps

Submerged pumps, mobile pumping plants, pumps for construction sites, water pumps, ...

■ Agitators

Mobile machines for mixing (building site machines)

■ Blowers

Ventilators, space ventilation, ...

■ Compressors

Breathing air compressors, mobile compressors, ...

■ Conveyors

Rolling and chain conveyors, band-conveyors, ...

■ Industrial motors

■ Construction machines

Circular saws, hand tools, ...

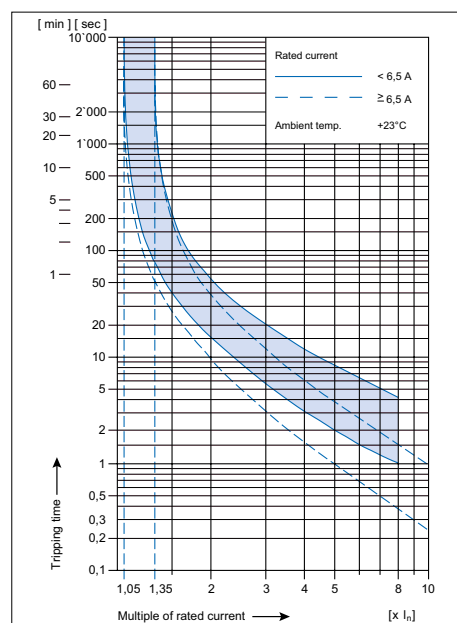
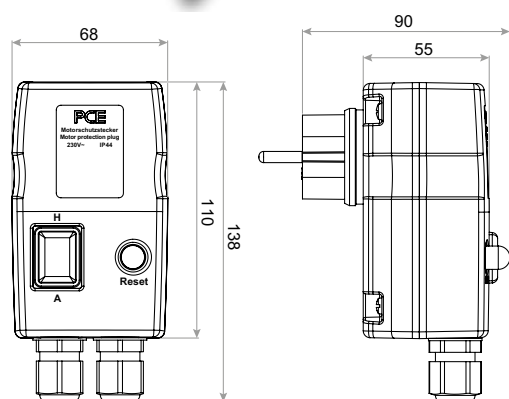
■ Extractions

mobile laboratory ventilation, smoke extraction, ...



Motor protection plugs 16A 230V 3,0 - 8,0A

Motor protection with safety plug 16A 230V for all single-phase motors



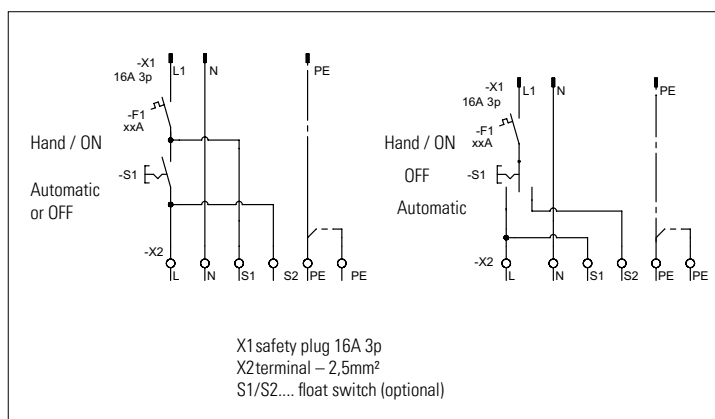
Technical data:

- Enclosure material: PC/ABS
- Protection degree: IP44
- IK standard acc. EN50102: IK09
- Temperature range: -5°C to +40°C
- large connection area

Designs:

- with rocker switch **ON/OFF (I-0)** or **HAND OPERATION/AUTOMATIC (H-A)** for the use of a float switch*
- with rocker switch **HAND OPERATION/OFF/AUTOMATIC (I - 0 - II)** change between continuous duty, Off and Automatic for the use of a float switch*
- circuit breaker with external reset switch
currents: 3A, 4A, 5A, 6,5A, 8A
- cable entry:
3-8,0A: 2xM16 cable glands (ø 5-10mm)
1x marking for break through enlargement up to ø 20mm

The motor protection plug 16A 230V provides reliable protection for overload. It is used mainly for switching and the protection of single-phase AC motors on pumps, circular saws and industrial motors.



Motor protection plug 16A 230V

- Hand-operation-Automatic or ON-OFF or
- Hand operation-OFF – Automatic
- cable gland: 2xM16 (5-10mm)

IP44 splashproof

setting range

3,0A

4,0A

5,0A

6,5A

8,0A

230V~ 50/60Hz

HAND-AUTOMATIC or ON-OFF

HAND-OFF-AUTOMATIC

56103000

56103001

56104000

56104001

56105000

56106000

56108000

* Float switch see page 217

Motor protection plugs 16A 230V 10 - 16A

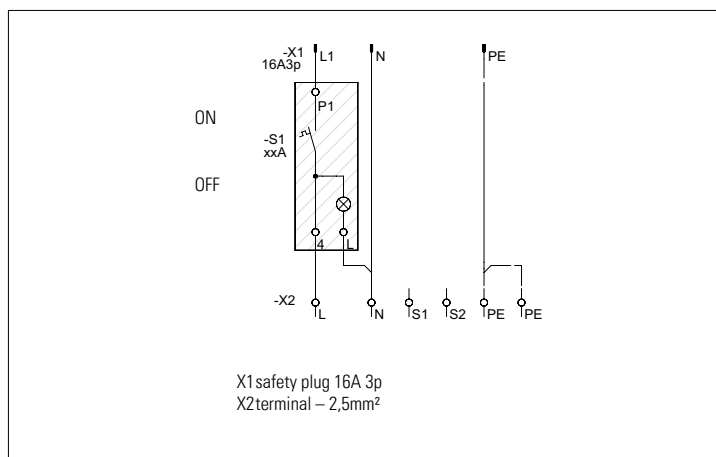
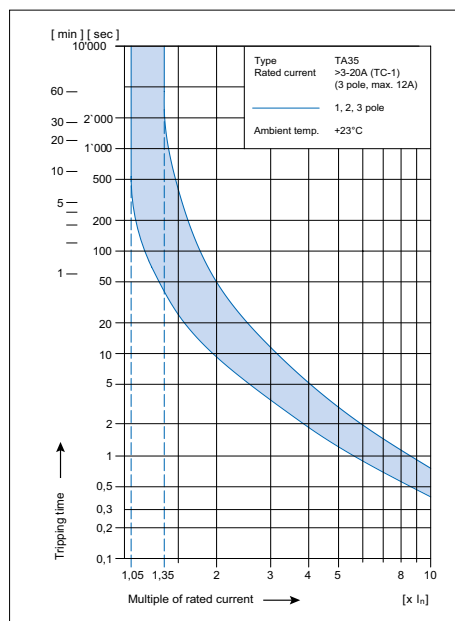
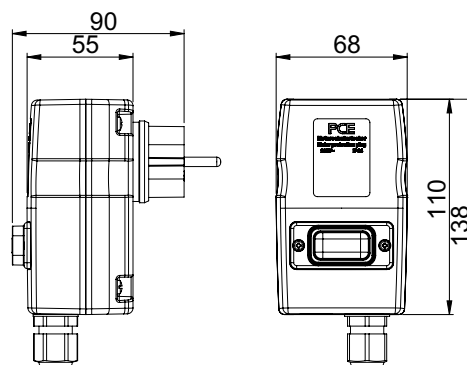
Motor protection with safety plug 16A 230V for all single-phase motors

Technical data:

- Enclosure material: PC/ABS
- Protection degree: IP44
- IK standard acc. EN50102: IK09
- Temperature range: -5°C to +40°C
- large connection area

Designs:

- with rocker switch ON/OFF which lights green when switched on
- change between continuous duty, Off and Automatic for the use of a float switch*
- currents: 10A, 12A, 14A, 15A, 16A
- cable entry:
10-16A: 1xM16 cable glands (ø 5-10mm)
1x marking for break through enlargement up to ø 16mm



Motor protection plug 16A 230V

- ON-OFF
- cable gland: M16 (5-10mm)

IP44 splashproof

setting range

10A
12A
14A
15A
16A

230V~ 50/60Hz

ON-OFF

56110004

56112004

56114004

56115004

56116004

Motor protection plug with capacitor

■ OFF/ON



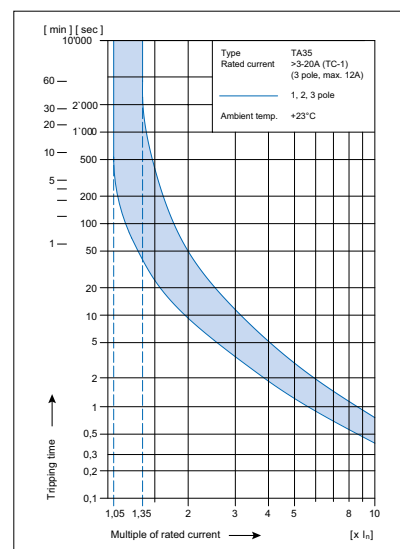
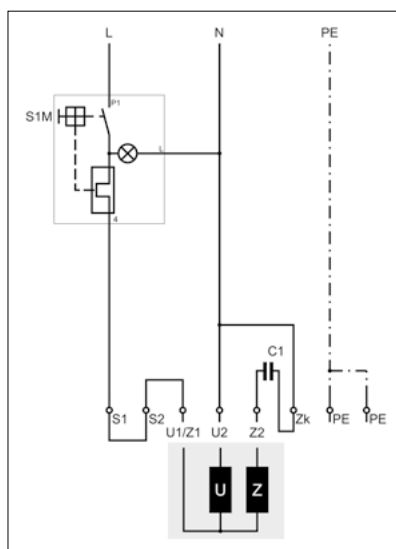
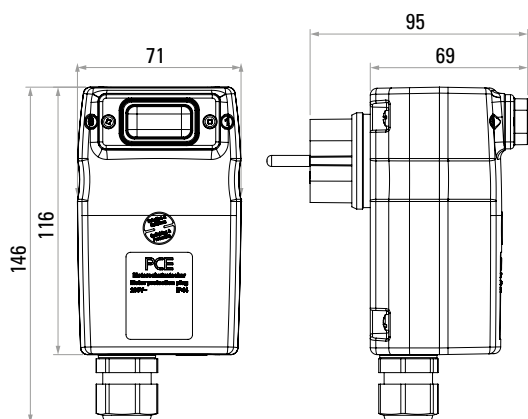
Motor protection plug with capacitor 16A 230V for all single-phase motors

■ ■ Technical data:

- Enclosure material: PC/ABS
- Protection degree: IP44
- IK standard acc. EN50102: IK09
- Temperature range: -5°C to +40°C
- large connection area
- connecting terminal: 2,5mm²

■ ■ Designs:

- with rocker switch **ON/OFF (0-1)**
- switch illuminated
- plug with dual earthing system
- currents: 4A / 6A / 8A / 10A
- integrated capacitor: 20μF / 25μF / 30μF
- cable entry: M20



switch S1M (0/1)	0	1
appliance: e.g. pump	0	1

S1M 0 = OFF 1 = ON illumination (green) = power supply existing

Motor protection plug with integrated capacitor

- OFF/ON
- cable gland: M20

IP44 splashproof

Amp.

4,0A
6,0A
8,0A
10,0A

230V~ 50/60Hz

C = 20 μF

C = 30 μF

561040C2001

561040C3001

561060C2001

561060C3001

561080C2001

561080C3001

561100C2001

561100C3001

Other versions on request!

Motor protection plug with capacitor

Motor protection plug with capacitor 16A 230V for all single-phase motors

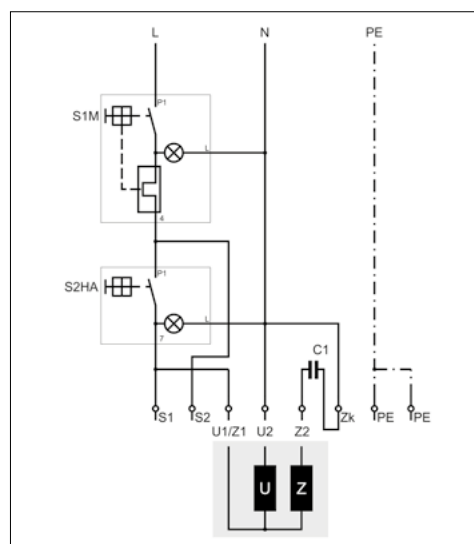
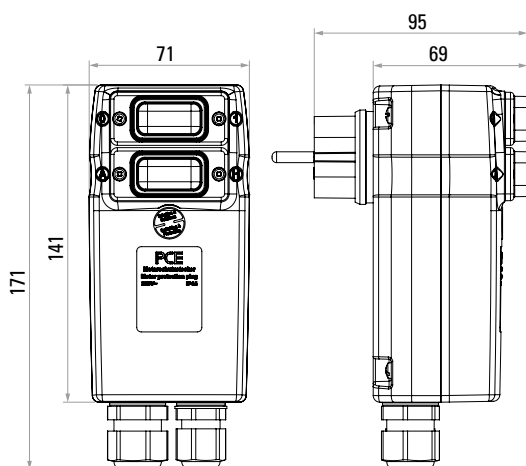
Technical data:

- Enclosure material: PC/ABS
- Protection degree: IP44
- IK standard acc. EN50102: IK09
- Temperature range: -5°C to +40°C
- large connection area
- connecting terminal: 2,5mm²

Designs:

- with rocker switch **ON/OFF** (0-1) and **HAND/AUTOMATIC** (H/A)
- switch illuminated
- plug with dual earthing system
- currents: 4A / 6A / 8A / 10A
- integrated capacitor: 20µF / 25µF / 30µF
- cable entry: M20 / M16

OFF/ON – HAND/AUTOMATIC



switch: S1M (0/1)	0	0	0	0	1	1	1	1
switch: S2HA (H/A)	A	A	H	H	A	A	H	H
external circuit element(0/1) e.g. float switch	0	1	0	1	1	0	1	0
appliance: e.g. pump	0	0	0	0	1	0	1	1

S1M	0 = OFF	1 = ON	illumination (green) = power supply existing
S2HA	H = HAND	A = AUTOMATIC	illumination (yellow) = appliance in operating state

Motor protection plug with integrated capacitor

- OFF/ON and HAND/AUTOMATIC
- cable gland: M20 and M16

IP44 splashproof

Amp.

4,0A

6,0A

8,0A

10,0A

230V~ 50/60Hz

C = 20 µF

C = 30 µF

561040C2003

561040C3003

561060C2003

561060C3003

561080C2003

561080C3003

561100C2003

561100C3003

* Float switch see page 217

CEE plugs with switch

CEE-ON/OFF-Switch ML0-Plug



- ON/OFF switch: AC22A, 10kA 
- Cable gland: 16A: 4p M25, 5p M25
32A: 4p M25, 5p M32
- 400V~ 50/60Hz 4p+5p=6h

IP44 splashproof

without operating display
with operating display
with holder

16A		32A	
4p	5p	4p	5p
54014530	54015530	54024530	54025530
540145301	540155301	540245301	540255301
53xxxxxx	53xxxxxx	53xxxxxx	53xxxxxx

CEE-ON/OFF-Switch ML0-plug with phase inverter



- ON/OFF switch: AC22A, 10kA 
- Cable gland: 16A: 4p M25, 5p M25
32A: 4p M25, 5p M32
- 400V~ 50/60Hz 4p+5p=6h

IP44 splashproof

without display
with operating display
with rotary field check
with holder

16A		32A	
4p	5p	4p	5p
54714530	54715530	54724530	54725530
547145301	547155301	547245301	547255301
547145303	547155303	547245303	547255303
53xxxxxx	53xxxxxx	53xxxxxx	53xxxxxx

CEE-Reversing switch CA10 (CA25) - plug



- AC22A 
- Reversing switch: 16A CA10, 32A CA25
- Cable gland: 16A: 4p M25, 5p M25
32A: 4p M25, 5p M32
- 400V~ 50/60Hz 4p+5p=6h

IP44 splashproof

without operating display
with operating display
with holder

16A		32A	
4p	5p	4p	5p
54014610	54015610	54024625	54025625
540146101	540156101	540246251	540256251
53xxxxxx	53xxxxxx	53xxxxxx	53xxxxxx

Other versions on request !

CEE-motor protection plugs



Technical data:

- housing material: PC/ABS
- protection degree IP44
- IK standard acc. EN50102: IK09
- all designs available with or without holder
- large connection area

Advantages:

- reliable means of protection against thermal overloading and short circuiting
- all protection switches feature thermal overload and magnetic short circuit triggering
- short circuit capacity 50kA
- simple one-hand operation even with gloves

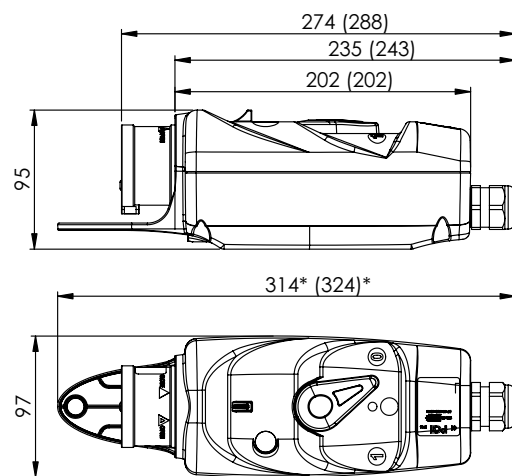
Rotating field check:

Displays a field rotating in anti-clockwise direction.

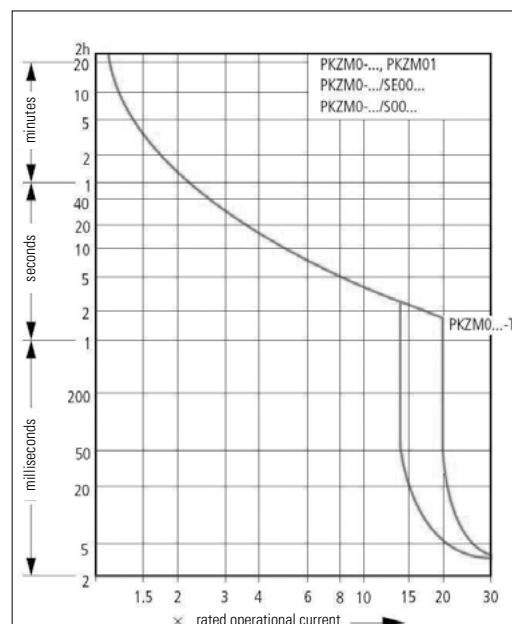
Operating display:

Indicates the voltage supply of two phases of the connector.

Main field of application: Switching and protection of AC 3-phase motors with outputs of up to 15kW such as industrial motors and those fitted to pumps and circular cold saws etc.



- dimensions: 16A (32A)
- * dimensions only valid for design with holder



CEE-motor protection plugs PKZM0 with rotary lever

CEE-Motor protection plug PKZM0

- cable gland: 16A 4p and 5p M25
32A 4p M25, 32A 5p M32
- 400V~ 50/60Hz 4p+5p=6h
- 500V version on request

IP44 splashproof



setting range	16A / 400V / 6h		32A / 400V / 6h	
	4p	5p	4p	5p
1,0- 1,6A	54014016	54015016	54024016	54025016
1,6- 2,5A	54014025	54015025	54024025	54025025
2,5- 4,0A	54014040	54015040	54024040	54025040
4,0- 6,3A	54014063	54015063	54024063	54025063
6,3- 10A	54014100	54015100	54024100	54025100
10- 16A	54014160	54015160	54024160	54025160
16- 20A			54024200	54025200
20- 25A			54024250	54025250
25- 32A			54024320	54025320
with holder	53xxxxxx	53xxxxxx	53xxxxxx	53xxxxxx

CEE-Motor protection plug PKZM0 with operating display

- with operating display
- cable gland: 16A 4p and 5p M25
32A 4p M25, 32A 5p M32
- 400V~ 50/60Hz 4p+5p=6h
- 500V version on request

IP44 splashproof



setting range	16A / 400V / 6h		32A / 400V / 6h	
	4p	5p	4p	5p
1,0- 1,6A	540140161	540150161	540240161	540250161
1,6- 2,5A	540140251	540150251	540240251	540250251
2,5- 4,0A	540140401	540150401	540240401	540250401
4,0- 6,3A	540140631	540150631	540240631	540250631
6,3- 10A	540141001	540151001	540241001	540251001
10- 16A	540141601	540151601	540241601	540251601
16- 20A			540242001	540252001
20- 25A			540242501	540252501
25- 32A			540243201	540253201
with holder	53xxxxxxxx	53xxxxxxxx	53xxxxxxxx	53xxxxxxxx

CEE-Motor protection plug PKZM0 with phase inverter and rotation field check

- with phase inverter and rotation field check
- cable gland: 16A 4p and 5p M25
32A 4p M25, 32A 5p M32
- 400V~ 50/60Hz 4p+5p=6h
- 500V version on request

IP44 splashproof



setting range	16A / 400V / 6h		32A / 400V / 6h	
	4p	5p	4p	5p
1,0- 1,6A	547140163	547150163	547240163	547250163
1,6- 2,5A	547140253	547150253	547240253	547250253
2,5- 4,0A	547140403	547150403	547240403	547250403
4,0- 6,3A	547140633	547150633	547240633	547250633
6,3- 10A	547141003	547151003	547241003	547251003
10- 16A	547141603	547151603	547241603	547251603
16- 20A			547242003	547252003
20- 25A			547242503	547252503
25- 32A			547243203	547253203
with holder	53xxxxxxxx	53xxxxxxxx	53xxxxxxxx	53xxxxxxxx

Other versions on request!

CEE-motor protection plugs PKZM0 (IP67) with rotary lever

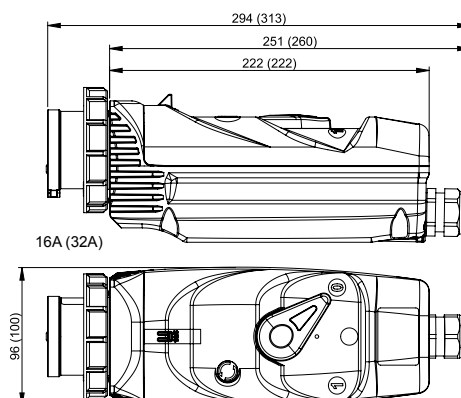
CEE-Motor protection plug PKZM0 with phase inverter and rotation field check IP67

- with phase inverter and rotation field check
- cable gland: 16A 5p M25
32A 5p M32
- 400V~ 50/60Hz 5p=6h
- 500V version on request
- **IP67** watertight

setting range	16A / 400V / 6h		32A / 400V / 6h	
	5p		5p	
1,0- 1,6A	587150163		587250163	
1,6- 2,5A	587150253		587250253	
2,5- 4,0A	587150403		587250403	
4,0- 6,3A	587150633		587250633	
6,3- 10A	587151003		587251003	
10- 16A	587151603		587251603	
16- 20A			587252003	
20- 25A			587252503	
25- 32A			587253203	



IP67
watertight



CEE-motor protection plugs contactor up to 7,5kW



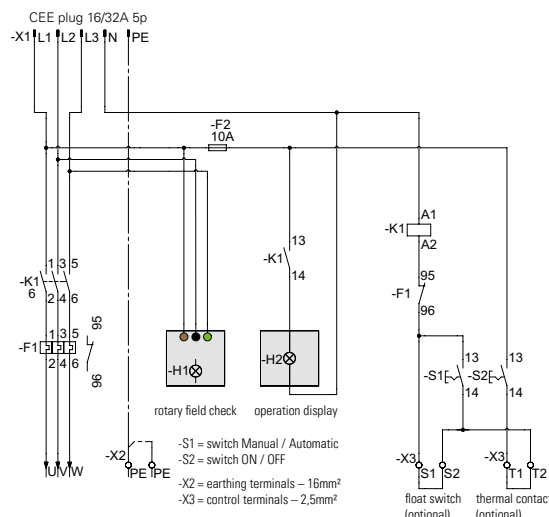
CEE-Motor protection plug contactor up to 5,5kW (16A) and 7,5kW (32A)

Technical data:

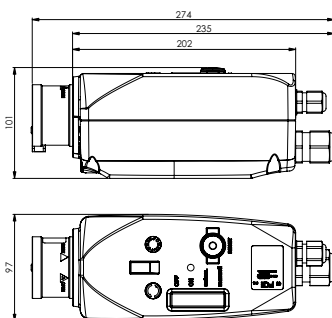
- enclosure material: PC/ABS
- protection degree: IP44
- IK standard acc. to EN50102: IK09
- temperature range: -25° C to +40°C
- large connection area

Designs:

- with rocker switch ON/OFF and MANUAL/AUTOMATIC for the use of a float switch*
- with phase inverter plug
- rotation field check – anticlockwise phase sequence
- operating display – shows the voltage supply of the contactor and therefore of the consumer load
- external reset switch for the motor protection relay
- cable entry:
 - bottom part: 1x cable gland M25 (ø13–18mm) at 16A and M32 (ø13–20mm) at 32A
 - top part: 1x cable gland M16 (ø4–10mm) for float switch (separate drill hole marking for a further M16 cable gland)



The CEE motor protection plug up to 7,5 kW provides reliable protection for thermal overloads and short circuits. It is used mainly for switching and the protection of three-phase AC motors up to 7,5 kW (400V) on pumps, circular saws and industrial motors etc...



CEE-Motor protection plug with contactor 16A 5p 400V

- with phase inverter plug
- with operation display
- with rotation field check
- cable gland M25 (13–18mm)

IP44 splashproof

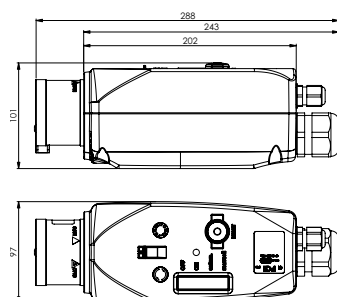
setting range

1,0- 1,6A
1,6- 2,4A
2,4- 4,0A
4,0- 6,0A
6,0-10A
9,0-12A
12- 16A

contactor (AC3)

4,0 kW
4,0 kW
4,0 kW
4,0 kW
5,5 kW
5,5 kW
7,5 kW

16A
5571501000
5571501600
5571502400
5571506000
5571510000
5571512000
5571516000



CEE-Motor protection plug with contactor 32A 5p 400V

- with phase inverter plug
- with operation display
- with rotation field check
- cable gland M32 (13–20mm)

IP44 splashproof

setting range

6,0-10A
9,0-12A
12- 16A

contactor (AC3)

7,5 kW
7,5 kW
7,5 kW

32A
5572510000
5572512000
5572516000

* Float switch see page 217



EVENT TECHNOLOGY

Event technology



Page

Plugs

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Flanged plugs

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Connectors

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Flanged sockets

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Socket outlet (DIN 49440)

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T-Connect

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Distribution boxes

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Hinged windows

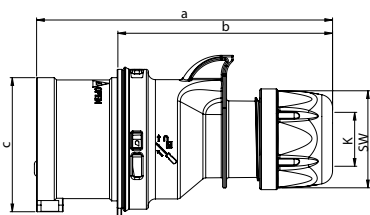
231



■ Version in black (similar to RAL9005)



Event technology MIDNIGHT-SERIES



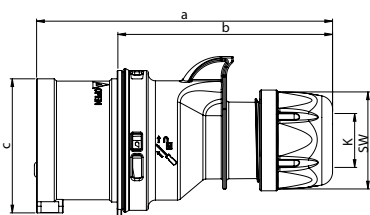
Plug IP44 SHARK

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	86	92	98	104	104	109
c [mm]	47	53	61	63	63	70
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	109	128	151	181	201	232

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 015-6xv

IP44 splashproof

also available in IP67



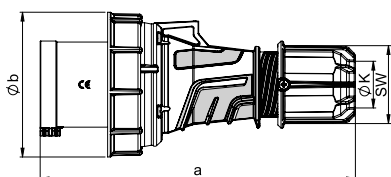
Plug IP44 SHARK TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	86	92	98	104	104	109
c [mm]	47	53	61	63	63	70
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
SW [mm]	42	42	42	50	50	50
Weight [g]	111	132	156	186	206	241

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 015-6TTxv

IP44 splashproof

also available in IP67



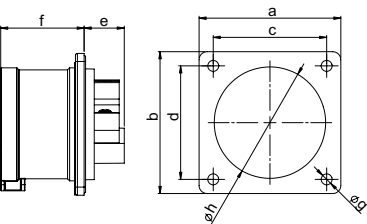
Plug IP67 POWER TWIST

	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
a [mm]	250	250	250	270	270	270
b [mm]	115	115	115	131	131	131
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Wire flexible [mm²]	6-16			16-50		
Contact screws [Ncm]	200			450		
SW [mm]	61	61	61	81	81	81
Weight [g]	574	621	670	956	1064	1169

- Contact frame with screws (63A) for 125A with hexagon socket screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 8)

IP66/67 watertight

Flanged plug straight IP44

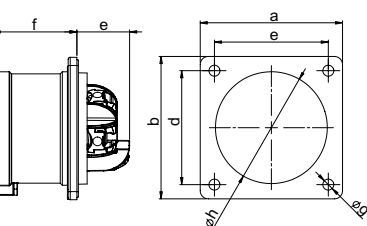


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	21	21	20	21	21	21
f [mm]	42	42	42	51	51	51
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	43	55	55	55	55
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	86	101	118	125	145	165

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 615-6xv
- According to EN 60309: For correct use a locking device has to be provided (see page 10)

IP44 splashproof

Flanged plug straight IP67 TT



	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	26	26	26	29	29	29
f [mm]	42	42	42	51	51	51
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	55	55	55	55	55
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	89	122	122	151	172	172

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 615-6TTxv
- According to EN 60309: For correct use a locking device has to be provided (see page 10)

IP44 splashproof

Amp.	Poles	pack. unit	230V~	400V~
			50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h
			Cat.No.	Cat.No.

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

013-6x	014-6x 015-6x
023-6x	024-6x 025-6x



023-6x

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

013-6TTx	014-6TTx 015-6TTx
023-6TTx	024-6TTx 025-6TTx



015-6TTx

63	3	2
63	4	2
63	5	2
125	3	2
125	4	2
125	5	2

033-6xs	034-6xs 035-6xs
043-6xs	044-6xs 045-6xs



035-6xs

with flange 70 x 70 - fixing center 56 x 56				
16	3	10	613-6x	614-6x 615-6x
16	4	10		
16	5	10		
32	3	10	623-6x	624-6x 625-6x
32	4	10		
32	5	10		



625-6x

with flange 70 x 70 - fixing center 56 x 56				
16	3	10	613-6TTx	615-6TTx
16	5	10		
32	4	10		624-6TTx 625-6TTx
32	5	10		



625-6TTx

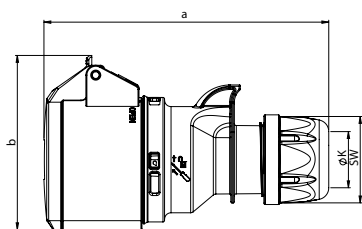
Minimum order quantity: 50 pcs.



Event technology MIDNIGHT-SERIES

Connector IP44

SHARK



	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	133	138	145	161	161	168
b [mm]	76	80	89	91	94	100
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	134	161	188	228	244	270

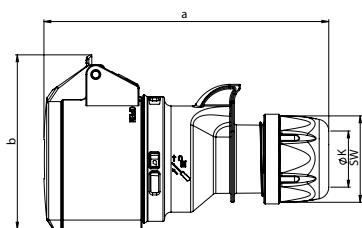
- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 215-6xv

IP44 splashproof

also available in IP67

Connector IP44

SHARK TT



	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	133	138	145	161	161	168
b [mm]	76	82	89	94	94	100
K cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
SW [mm]	42	42	42	50	50	50
Weight [g]	136	161	193	228	243	271

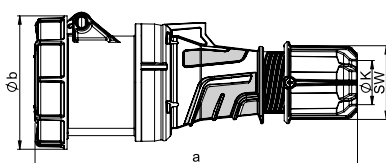
- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 215-6TTxv

IP44 splashproof

also available in IP67

Connector IP66/67

POWER TWIST

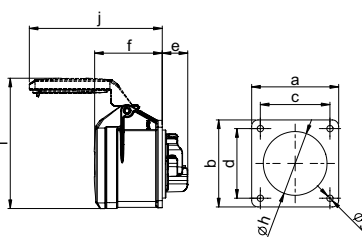


	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
a [mm]	269	269	269	287	287	287
b [mm]	114	114	114	124	124	124
K cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Wire flexible [mm²]	6-16			16-50		
Contact screws [Ncm]	200			450		
SW [mm]	61	61	61	81	81	81
Weight [g]	673	714	772	1060	1167	1266

- Contact frame with screws for 125A with hexagon socket screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact please add a „5“ e.g. 2335-6xs (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 2336-6xs (see page 8)

IP66/67 watertight

Flanged socket straight IP44



	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	21	21	21	23	23	23
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	87	101	105	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	115	127	141	162	178	206

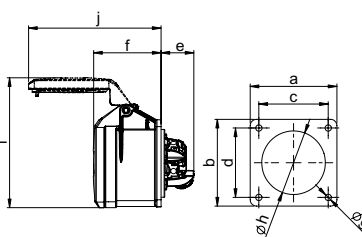
- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 315-6xv

IP44 splashproof

IP44/54 16/3; 16/5 and 32/5 are splash- and dustproof

also available in IP67

Flanged socket straight IP44



	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	27	27	27	27	27	27
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	87	101	105	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	117	128	146	161	178	207

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 315-6TTxv

IP44 splashproof

IP44/54 16/3; 16/5 and 32/5 are splash- and dustproof

also available in IP67

Amp.	Poles	pack. unit	230V~	400V~
			50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h
			Cat.No.	Cat.No.

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

213-6x	214-6x 215-6x
223-6x	224-6x 225-6x



223-6x

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

213-6TTx	214-6TTx 215-6TTx
223-6TTx	224-6TTx 225-6TTx



215-6TTx

63	3	2
63	4	2
63	5	2
125	3	2
125	4	2
125	5	2

233-6xs	234-6xs 235-6xs
243-6xs	244-6xs 245-6xs



235-6xs

with flange 70 x 70 - fixing center 56 x 56				
16	3	10	313-6x	314-6x 315-6x
16	4	10		
16	5	10		
32	3	10	323-6x	324-6x 325-6x
32	4	10		
32	5	10		



315-6x

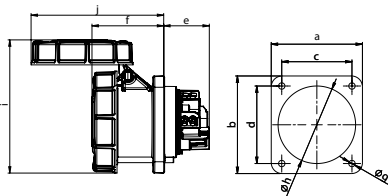
with flange 70 x 70 - fixing center 56 x 56				
16	3	10	313-6TTx	314-6TTx 315-6TTx
16	4	10		
16	5	10		
32	3	10	323-6TTx	324-6TTx 325-6TTx
32	4	10		
32	5	10		



313-6TTx

Minimum order quantity: 50 pcs.

Event technology MIDNIGHT-SERIES



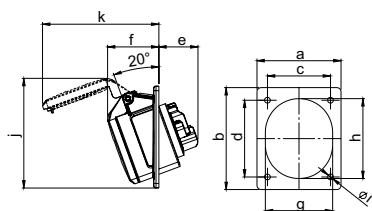
Flanged socket straight 66/67

POWER TWIST

	63 Amp			125 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a x b [mm]	100	100	100	120	120	120
Fixing center c x d [mm]	80	80	80	100	100	100
e [mm]	50	50	50	48	48	48
f [mm]	80	80	80	101	101	101
g [mm]	7	7	7	8	8	8
h [mm]	85	85	85	90	90	90
i [mm]	147	147	147	159	159	159
j [mm]	146	146	146	179	179	179
Wire flexible [mm²]	6-16			16-50		
Wire solid [mm²]	6-25			16-70		
Contact screws [Ncm]	200			450		
Weight [g]	488	533	587	752	890	986

- Contact frame with screws (63A) for 125A with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact please add a „5“ e.g. 3335-6xs (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 3336-6xs (see page 8)

IP66/67 watertight



Flanged socket sloping IP44

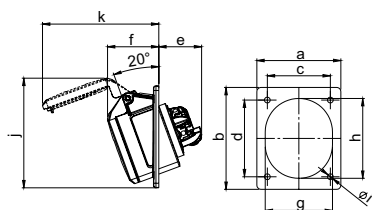
	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	38	38	38	48	48	48
f [mm]	47	47	49	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	97	103	105	105	105	99
k [mm]	99	104	111	119	119	130
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	116	132	154	166	182	214

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 415-6xv

IP44 splashproof

IP44/54 16/3; 16/5 and 32/5 are splash- and dustproof

also available in IP67



Flanged socket sloping IP44 TT

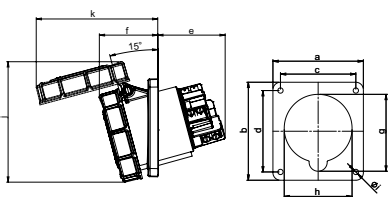
	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	41	41	41	48	48	48
f [mm]	47	47	49	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	97	103	105	105	105	99
k [mm]	99	104	111	119	119	130
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	119	133	158	165	182	215

- screwless connection technology
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a "v" e.g. 415-6TTxv

IP44 splashproof

IP44/54 16/3; 16/5 and 32/5 are splash- and dustproof

also available in IP67



Flanged socket sloping IP67

POWER TWIST

	63 Amp			125 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a [mm]	100	100	100	120	120	120
Flange b [mm]	112	112	112	130	130	130
Fixing center c [mm]	80	80	80	100	100	100
Fixing center d [mm]	88	88	88	108	108	108
e [mm]	64	64	64	92	92	92
f [mm]	80	80	80	77	77	77
g [mm]	92	92	92	102	102	102
h [mm]	82	82	82	90	90	90
i [mm]	7	7	7	7	7	7
j [mm]	148	148	148	160	160	160
k [mm]	154	154	154	162	162	162
l [mm]	154	154	154	162	162	162
Wire flexible [mm²]	6-16			16-50		
Wire solid [mm²]	6-25			16-70		
Contact screws [Ncm]	200			450		
Weight [g]	495	540	595	804	896	995

- Contact frame with screws (63A) for 125A with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact please add a „5“ e.g. 4335-6xs (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 4336-6xs (see page 8)

IP67 watertight

Amp.	Poles	pack. unit	230V~	400V~
			50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h
			Cat.No.	Cat.No.

with flange 100 x 100 - fixing center 80 x 80				
63	3	2	333-6xs	
63	4	2		334-6xs
63	5	2		335-6xs
with flange 120 x 120 - fixing center 100 x 100				
125	3	2	343-6xs	
125	4	2		344-6xs
125	5	2		345-6xs



335-6xs

with flange 80 x 97 - fixing center 60 x 73				
16	3	10	413-6f8x	
16	4	10		414-6f8x
16	5	10		415-6x
32	3	10	423-6x	
32	4	10		424-6x
32	5	10		425-6x



415-6x

with flange 80 x 97 - fixing center 60 x 73				
16	3	10	413-6TTf8x	
16	4	10		414-6TTf8x
16	5	10		415-6TTx
32	3	10	423-6TTx	
32	4	10		424-6TTx
32	5	10		425-6TTx

TURBO click
TERMINAL



415-6TTx

with flange 100 x 112 - fixing center 80 x 88				
63	3	2	433-6xs	
63	4	2		434-6xs
63	5	2		435-6xs
with flange 120 x 130 - fixing center 100 x 108				
125	3	2	443-6xs	
125	4	2		444-6xs
125	5	2		445-6xs

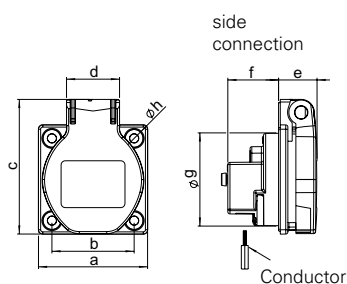


435-6xs



Event technology MIDNIGHT-SERIES

Socket outlet safety Austrian/German system

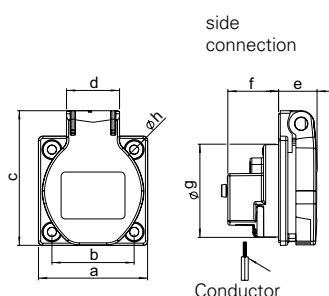


	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	18
f [mm]	24
g [mm]	43
h [mm]	4,2
Wire flexible [mm ²]	1 - 2x2,5
Wire solid [mm ²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof

Socket outlet safety Austrian/German system with sealing bulge



	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	22
f [mm]	24
g [mm]	43
h [mm]	4,2
Wire flexible [mm ²]	1 - 2x2,5
Wire solid [mm ²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

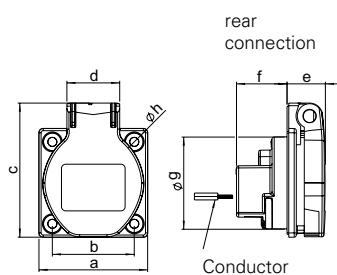
- with sealing bulge
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof

only
IPX4

* Plugs and socket outlets for portable use are subject to the standard DIN VDE 0620-1:2010 and ÖVE/ÖNORM E 8684-2-2:2010

Socket outlet safety French/Belgian system

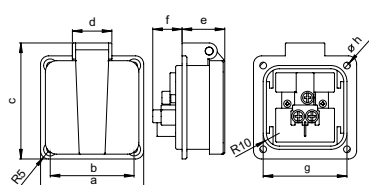


	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	18
f [mm]	24
g [mm]	43
h [mm]	4,2
Wire flexible [mm ²]	1 - 2x2,5
Wire solid [mm ²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts
- with shutter

IP54 splashproof

Socket outlet safety British system



	13 Amp	13 Amp
Poles	2P + E	2P + E
Flange a [mm]	64	50
Fixing center b [mm]	52	38
c [mm]	72	54
d [mm]	25	25
e [mm]	26,5	18
f [mm]	18	22
g [mm]	52	35
h [mm]	4,2	4,5
Weight [g]	67	50

- with screw terminals
- housing material: PA6
- side connection

IP54 splashproof

250V~

50/60Hz

PCE

Amp.	Poles	pack. unit	Abbreviations/Types	Cat.No.
16	3	100	 Flange: 50x50mm, Fixing center: 38x38mm	1050-0ss
16	3	100	 Flange: 50x50mm, Fixing center: 38x38mm	1050-0ssw
16	3	100	 Flange: 50x50mm, Fixing center: 38x38mm without shutter	1040-0s
16	3	100	 Flansch: 50x50mm, Lochabstand: 38x38mm incl. shutter	1040-0sc
13	3	100	Flange: 64x64mm, Fixing center: 52x52mm	1020-0s
13	3	100	Flange: 50x50mm, Fixing center: 38x38mm	1020-5s



Event technology MIDNIGHT-SERIES

TOP TAURUS²
Der Schutzkontaktstecker



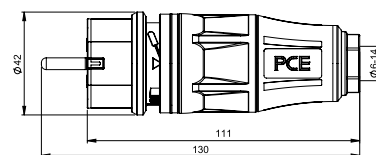
Safety plug

- with screwless cable gland
- dual earthing system
- rubberised surface
- insert: PA6

IP54 splashproof

05721-ss

pack.unit: 20



TOP TAURUS²
Der Schutzkontaktstecker



Safety connector with hinged lid

Austrian/German system or French/Belgian system

- with screwless cable gland
- optional: LED power indicator, shutter
- rubberised surface
- insert: PA6

IP54

standard
+ shutter
standard + LED
+ LED + shutter



25712-ss

24712-ss

25712-ssc

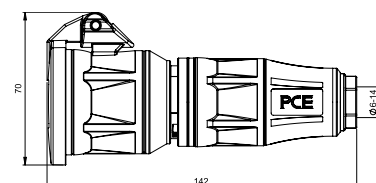
24712-ssc

25732-ss

24732-ss

25732-ssc

24732-ssc



pack.unit: 10

TOP TAURUS²
Der Schutzkontaktstecker



Safety connector with cap

Austrian/German system or French/Belgian system

- with screwless cable gland
- optional: LED power indicator, shutter
- rubberised surface
- insert: PA6

IP54

standard
+ shutter
standard + LED
+ LED + shutter



25711-ss

24711-ss

25711-ssc

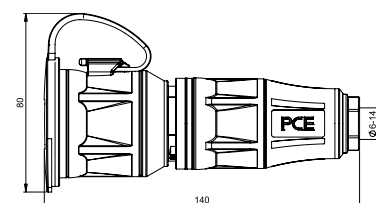
24711-ssc

25731-ss

24731-ss

25731-ssc

24731-ssc



pack.unit: 10

3-way connector solid rubber

Austr./German system

- with hinged lid
- insert: rubber, • with screwless cable gland

IP44 splashproof



with LED
power indicator

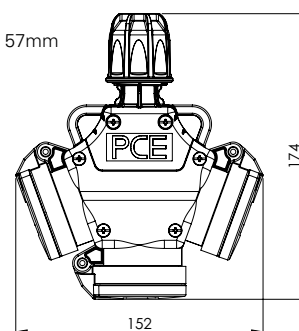


253622-sxs

253642-sxs

pack.unit: 5

Height= 57mm



3-way connector rubber

French/Belgian system

- with cap
- insert: polyamide

IP44 splashproof



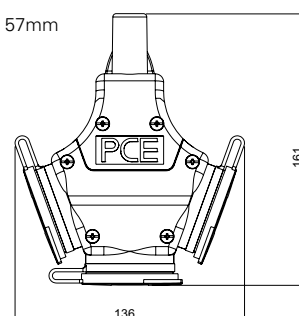
24311-sxs

24311-sxsc

pack.unit: 5

with shutter

Height= 57mm



T-Connect

Equipment:

- 1 CEE-plug 16A 3p 6h
- 1 CEE-socket 16A 3p 6h
- 1 cable entry
(terminal block max. 3x2,5mm²)

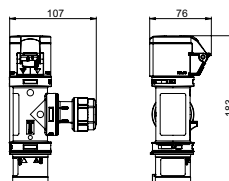
IP44 splashproof



Example

94325000

pack.unit: 10



T-Connect

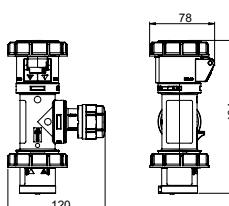
Equipment:

- 1 CEE-plug 16A 3p 6h
- 1 CEE-socket 16A 3p 6h
- 1 cable entry
(terminal block max. 3x2,5mm²)

IP67 watertight

94326000

pack.unit: 10



T-Connect with cable

Equipment:

- 1,5m cable H07RN-F 3G1,5
with CEE-plug 16A 3p 6h
- 1 cable entry
(terminal block max. 3x2,5mm²)
- 1 CEE-socket 16A 3p 6h

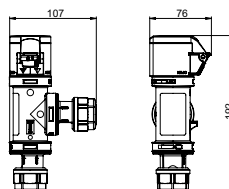
IP44 splashproof

IP44 94325001

IP67 watertight

IP67 94326001

pack.unit: 10



T-Connect

2-way connector with cable entry

Equipment:

- 1 cable entry
(terminal block max. 3x2,5mm²)
- 2 CEE-sockets 16A 3p 6h outlet

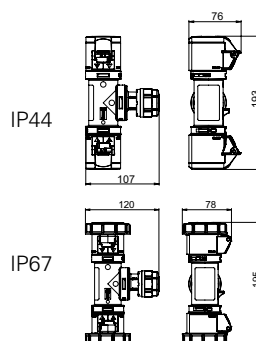
IP44 splashproof

IP44 94325002

IP67 watertight

IP67 94326002

pack.unit: 10



T-Connect

2-way connector with CEE-plug

Equipment:

- 1 CEE-plug 16A 3p 6h
- 2 CEE-sockets 16A 3p 6h outlet

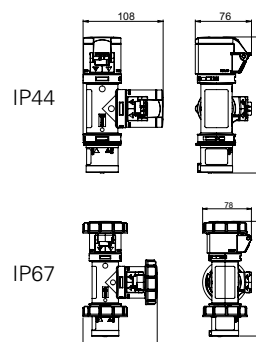
IP44 splashproof

IP44 94325003

IP67 watertight

IP67 94326003

pack.unit: 10



Event technology MIDNIGHT-SERIES



Compact distribution boxes Series St. Anton

- Plugs and sockets are black

IP44 splashproof

Entry:

1 CEE-plug 16A 5p 400V

Outlet:

3 CEE-sockets 16A 5p 400V

9430052

1 CEE-socket 16A 5p 400V

2 safety sockets 16A 250V

9430053

3 CEE-sockets 16A 3p 230V

9430054



Wall distribution boxes series Salzburg

Dimensions: HxWxD = 370x298x203mm

- for wall-fastening
- solid rubber enclosure, with protective roof
- window up to max. 14 modules
- bottom of box and cover connected with joint
- ready wired for connection

IP54 dust- and splashproof

Equipment:

1 CEE-socket 32A 5p 400V black

1 CEE-socket 16A 5p 400V black

2 safety sockets 16A 250V black

1xM32 on top, 1xM32 from bottom

Protection:

1 MCB 32A 3p-C

1 MCB 16A 3p-C

2 MCBs 16A 1p-B

1 RCD 63/4/0,03A over all outlets

92271649



Wall distribution boxes series Bruck

Dimensions: HxWxD = 370x370x203mm

- for wall-fastening
- solid rubber enclosure, with protective roof
- window up to max. 18 modules
- bottom of box and cover connected with joint
- ready wired for connection

IP54 dust- and splashproof

Equipment:

1 CEE-socket 32A 5p 400V black

2 CEE-sockets 16A 5p 400V black

4 safety sockets 16A 250V black

1xM32 on top, 1xM32 from bottom

Protection:

1 MCB 32A 3p-C

2 MCBs 16A 3p-C

4 MCBs 16A 1p-B

1 RCD 63/4/0,03A over all outlets

92401543



Mobile distribution boxes series Spitz

Dimensions: HxWxD = 320x320x320mm

- portable, handy solid-rubber mobile box-stackable
- lifting hinged cover with 2 quick acting closures
- maximum safety – closed casing bottom with high ground clearance
- ready wired for connection

IP54 dust- and splashproof

Equipment:

2 CEE-sockets 32A 5p 400V black

2 CEE-sockets 16A 5p 400V black

4 safety sockets 16A 250V black

2m cable H07RN-F 5G6 with

CEE-plug 32A 5p 400V black

Protection:

2 MCBs 16A 3p-C

4 MCBs 16A 1p-B

1 RCD 63/4/0,03A over all outlets

94741367

Mobile distribution boxes series Steyregg

Dimensions: HxWxD = 79x430x129mm

- portable, handy solid-rubber mobile box
- housing with carrying handle
- ready wired for connection

IP54 dust- and splashproof

Equipment:

2 CEE-sockets 16A 5p 400V black

2 safety sockets 16A 250V black

2m cable H07RN-F 5G4 with

CEE-plug 32A 5p 400V black

Protection:

1 MCB 16A 3p-C

2 MCBs 16A 1p-C

9441480



Series M-SVE3 63/11-12/V2/2M/A/MS

Dimensions: HxWxD = 340x400x350mm

- shock-resistant, robust and mobile insulated thermoplastic box
- very lightweight and handy
- stackable
- resistant to weather and ageing

IP44 splashproof

Equipment:

- 1 CEE-socket 16A 5p 400V black
- 1 CEE-socket 32A 5p 400V black
- 12 sockets (DIN 49440) 16A 250V black

Connection cable 44 kVA

2m cable 5G10 with
CEE-plug 63A 5p 400V

Protection:

- 1 MCB 16A 3p-C
- 1 MCB 32A 3p-C
- 12 MCBs 16A 1p-C
- 2 RCDs 63/0,03A

853009286



Series M-SVE4 63/1-16/V17/G/E/A/MS

Dimensions: HxWxD = 340x560x350mm

- shock-resistant, robust and mobile insulated thermoplastic box
- very lightweight and handy
- stackable
- resistant to weather and ageing

IP44 splashproof

Equipment:

- 1 CEE-socket 16A 5p 400V black
- 16 sockets (DIN 49440) 16A 250V black

Connection cable 44 kVA

CEE-plug 63A 5p 400V black
with cable loop in the entry

Protection:

- 1 MCB 16A 3p-C
- 16 RCBOs 16A 1p-C/0,03A
- 1 RCD 40/0,03A

854009285



Hinged windows IP54

- especially compact (robust) design, made of shock-resistant polycarbonate
- for distributor's construction, O.E.M's, panel builders etc.
- self-closing window
- size of hinged window suitable for 4, 6, 7, 8, 9, 10, 11, 12, 13, 14 and 18 modules
- angle of vee > 180°
- with integrated gasket for flange mounting
- integrated free position for lead seal
- color frame: black

IP54 splashproof

details see page 321

unit	size	p.unit	Cat.No.
4	92x97mm	30	9006504s
6	128x97mm	20	9006506s
7	139x97mm	15	9006507s
8	164x97mm	15	9006508s
9	182x97mm	15	9006509s
10	200x97mm	10	9006510s
11	218x97mm	10	9006511s
12	236x97mm	10	9006512s
13	253x97mm	10	9006513s
14	272x97mm	10	9006514s
18	344x97mm	10	9006518s



Hinged windows IP66/67

- especially compact (robust) design, made of shock-resistant polycarbonate
- for distributor's construction, O.E.M's, panel builders etc.
- sprung-loaded window with integrated knurled screws
- size of hinged window suitable for 2, 4, 5, 6, 7, 8, 9, 10, 12, 13, 18 modules
- with integrated gasket for flange mounting
- all metal parts corrosion-resistant
- color frame: black

IP66/67 watertight

details see page 320

unit	size	p.unit	Cat.No.
2	49x93mm	40	900602s
4	85x93mm	20	900604s
5	103x93mm	20	900605s
6	121x93mm	15	900606s
7	139x93mm	15	900607s
8	157x93mm	15	900608s
9	175x93mm	15	900609s
10	193x93mm	15	900610s
12	229x93mm	10	900612s
13	247x93mm	10	900613s
18	337x93mm	12	900618s





PLUGS AND SOCKETS „CAMOUFLAGE“

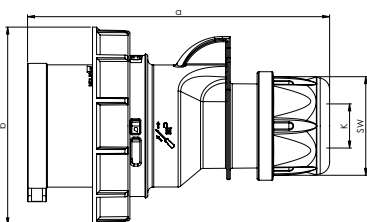
Plugs and sockets „Camouflage“

	Page	
Plugs / Connectors 16A - 125A	234	
Flanged plugs / Wall mounted plugs	236	
Flanged sockets straight and sloping	238	
Watertight plugs and connectors IP66/68	240	



CEE Plugs and connectors

Plug IP67 **SHARK**

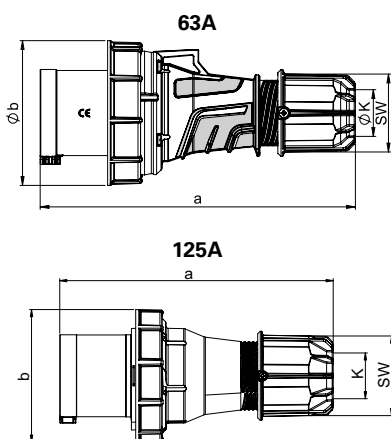


	16 Amp			32 Amp		
Poles	3		5	3		5
a [mm]	122		134	150		155
b [mm]	71		87	93		100
K_cable Ø [mm]	6-15		8-16	11,5-20		11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42		42	50		50
Weight [g]	130		183	223		276

- with screw terminals
- housing material: PA6
- contacts: brass

IP66/67 watertight

Plug IP66/67 **POWER TWIST**

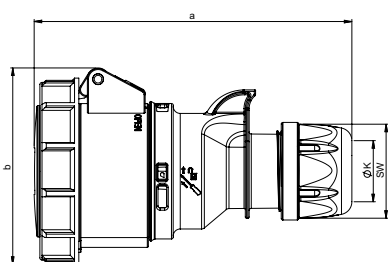


	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
a [mm]	250	250	250	270	270	270
b [mm]	115	115	115	131	131	131
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Wire flexible [mm²]	6-16			16-50		
Contact screws [Ncm]	200			450		
SW [mm]	61	61	61	81	81	81
Weight [g]	574	621	670	956	1064	1169

- contact frame with screws; 125A with hexagon socket screws
- housing material: PA6
- contacts: nickel-plated contacts with pilot contact (see page 8)

IP66/67 watertight

Connector IP66/67 **SHARK**

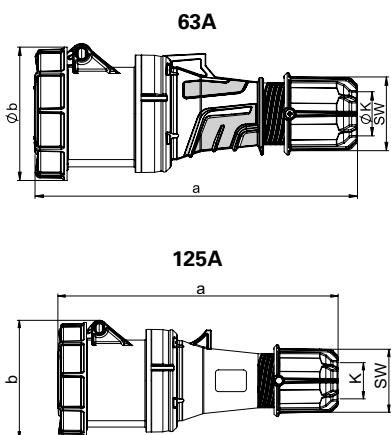


	16 Amp			32 Amp		
Poles	3		5	3		5
a [mm]	132		147	163		171
b [mm]	78		92	96		102
K_cable Ø [mm]	6-15		8-16	11,5-20		11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42		42	50		50
Weight [g]	155		227	275		338

- with screw terminals
- housing material: PA6
- contacts: brass

IP66/67 watertight

Connector IP66/67 **POWER TWIST**



	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
a [mm]	269	269	269	287	287	287
b [mm]	114	114	114	124	124	124
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Wire flexible [mm²]	6-16			16-50		
Contact screws [Ncm]	200			450		
SW [mm]	61	61	61	81	81	81
Weight [g]	673	714	772	1060	1167	1266

- contact frame with screws; 125A with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact add a „5“ e.g. 2435-6.u (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 2436-6.u (see page 8)

IP66/67 watertight

			230V~	400V~
			50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h
			Cat.No.	Cat.No.

Amp.	Poles	pack. unit
16	3	10
16	5	10
32	3	10
32	5	10

0132-6.u

0152-6.u

0232-6.u

0252-6.u



0152-6.u

63	3	2
63	4	2
63	5	2
125	3	2
125	4	2
125	5	2

033-6.u

034-6.u

035-6.u

043-6.u

044-6.u

045-6.u



035-6.u

16	3	10
16	5	10
32	3	10
32	5	10

2132-6.u

2152-6.u

2232-6.u

2252-6.u



2152-6.u

63	3	2
63	4	2
63	5	2
125	3	2
125	4	2
125	5	2

233-6.u

234-6.u

235-6.u

243-6.u

244-6.u

245-6.u



235-6.u



CEE Flanged plugs / wall mounted plugs

Flanged plug straight IP67

	16 Amp		32 Amp	
Poles	3	5	3	5
Flange a x b [mm]	75	75	75	75
Fixing center c x d [mm]	60	60	60	60
e [mm]	15	13	14	14
f [mm]	48	48	58	58
g [mm]	5,5	5,5	5,5	5,5
h [mm]	43	55	55	55
i [mm]	71	87	93	100
x [mm]	11,3	5	4,5	0
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]	109	150	167	214

- with screw terminals
 - housing material: PA6
 - contacts: brass
- According to EN 60309:
For correct use a locking device has to be provided (see page 10)
- for 16A 3p till 32A 4p the plug is placed off centered for keeping the standards

IP67 watertight

Flanged plug straight IP66/67

POWER TWIST

	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	100	100	100	120	120	120
Fixing center c x d [mm]	80	80	80	100	100	100
e [mm]	8	8	8	13	13	13
f [mm]	109	109	109	118	118	118
g [mm]	115	115	115	131	131	131
h [mm]	77	77	77	95	95	95
i [mm]	7	7	7	7	7	7
Wire flexible [mm²]	6-16			16-50		
Wire solid [mm²]	6-15			16-70		
Contact screws [Ncm]	200			450		
Weight [g]	479	531	570	786	891	998

- contact frame with screws; 125A with hexagon socket screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- for waterproof cover see accessories on page 51

IP66/67 watertight

Flanged plug angled IP67

	16 Amp		32 Amp	
Poles	3	5	3	5
a [mm]	66	90	90	90
b [mm]	86	100	100	100
c [mm]	53	77	77	77
d [mm]	61	85	85	85
e [mm]	116	153	163	164
f [mm]	99	107	110	114
g [mm]	5	5	5	5
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]	146	219	240	291

- with screw terminals
- housing material: PC/ABS
- contacts: brass

IP67 watertight

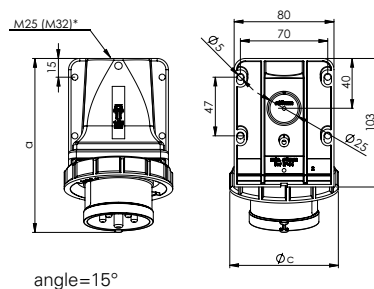
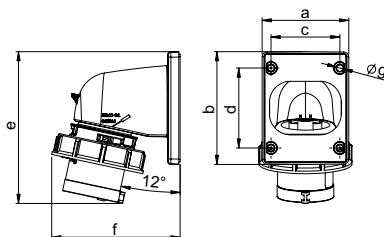
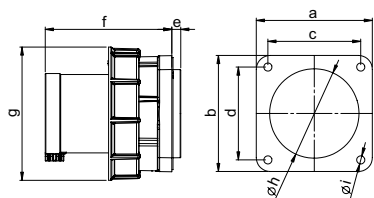
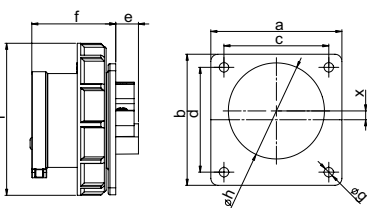
Wall mounted plug IP67

	16 Amp		32 Amp	
Poles	3	5	3	5
a [mm]	136	140	150	152
Height [mm]	99	100	104	102
c [mm]	71	87	93	102
M* [mm]	25	25	25	25
Wire flexible [mm²]	1-2,5		2,5-6	
Wire solid [mm²]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]	200	242	260	306

- with screw terminals
- housing material: PA6
- contacts: brass
- top or rear entry
- incl. threaded bung

IP67 watertight

*M32 optional on request available



Amp.	Poles	pack. unit	230V~	400V~
			50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h
			Cat.No.	Cat.No.

flange 75 x 75 - fixing center 60 x 60				
16	3	10	6132-6.u	
16	5	10		6152-6.u
32	3	10	6232-6.u	
32	5	10		6252-6.u



6252-6.u

flange 100 x 100 - fixing center 80 x 80				
63	3	2	633-6.u	
63	4	2		634-6.u
63	5	2		635-6.u
flange 120 x 120 - fixing center 100 x 100				
125	3	2	643-6.u	
125	4	2		644-6.u
125	5	2		645-6.u



645-6.u

16	3	10	777132-6.u	
16	5	10		777152-6.u
32	3	10	777232-6.u	
32	5	10		777252-6.u



777152-6.u

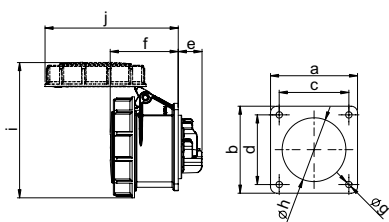
16	3	10	5132-6k.u	
16	5	10		5152-6k.u
32	3	10	5232-6k.u	
32	5	10		5252-6k.u



5152-6k.u



CEE Flanged sockets straight and sloping

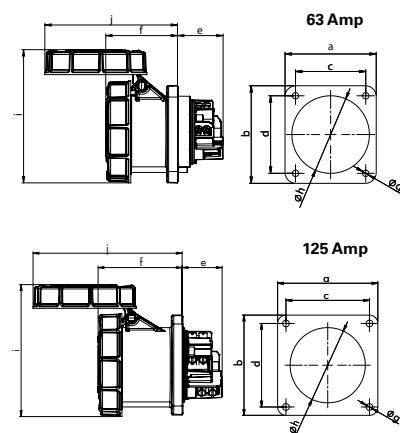


Flanged socket straight IP67

	16 Amp			32 Amp		
Poles	3		5	3		5
Flange a x b [mm]	75		75	75		75
Fixing center c x d [mm]	60		60	60		60
e [mm]	21		21	23		23
f [mm]	56		59	69		71
g [mm]	5,5		5,5	5,5		5,5
h [mm]	43		55	55		58
i [mm]	102		117	122		130
j [mm]	101		115	130		136
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	135		183	206		260

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a „v“ e.g. 3152-6.uv

IP67 watertight

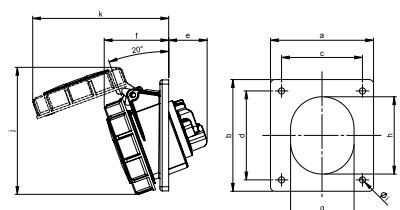


Flanged socket straight IP66/67 POWER TWIST

	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	100	100	100	120	120	120
Fixing center c x d [mm]	80	80	80	100	100	100
e [mm]	50	50	50	48	48	48
f [mm]	80	80	80	101	101	101
g [mm]	7	7	7	8	8	8
h [mm]	85	85	85	90	90	90
i [mm]	147	147	147	159	159	159
j [mm]	146	146	146	179	179	179
Wire flexible [mm²]	6-16			16-50		
Wire solid [mm²]	6-25			16-70		
Contact screws [Ncm]	200			450		
Weight [g]	488	533	587	752	890	986

- contact frame with screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact please add a „5“, e.g. 3355-6.u (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 3356-6.u (see page 8)

IP66/67 watertight

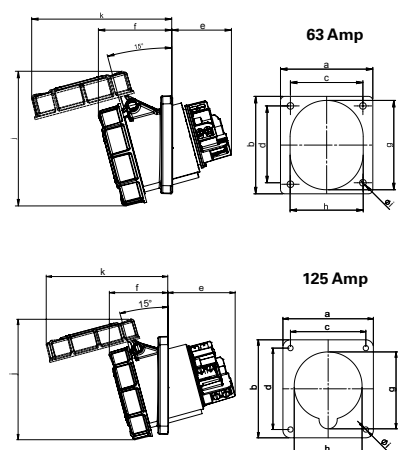


Flanged socket sloping IP67

	16 Amp			32 Amp		
Poles	3		5	3		5
Flange a [mm]	92		92	92		92
Flange b [mm]	100		100	100		100
Fixing center c [mm]	77		77	77		77
Fixing center d [mm]	85		85	85		85
e [mm]	33		38	48		48
f [mm]	53		58	62		62
g [mm]	51		65	65		70
h [mm]	61		76	75		80
i [mm]	5,5		5,5	5,5		5,5
j [mm]	101		114	120		128
k [mm]	107		122	130		131
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	160		199	221		280

- with screw terminals
- housing material: PA6
- contacts: brass
 - to order nickel-plated contacts please add a „v“ e.g. 4152-6.uv

IP67 watertight



Flanged socket sloping IP67 POWER TWIST

	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	100	100	100	120	114	114
Flange b [mm]	112	112	112	130	114	114
Fixing center c [mm]	80	80	80	100	90	90
Fixing center d [mm]	88	88	88	108	90	90
e [mm]	64	64	64	92	92	92
f [mm]	80	80	80	77	77	77
g [mm]	92	92	92	102	102	102
h [mm]	82	82	82	90	90	90
i [mm]	7	7	7	7	7	7
j [mm]	148	148	148	160	160	160
k [mm]	154	154	154	162	162	162
Wire flexible [mm²]	6-16			16-50		
Wire solid [mm²]	6-25			16-70		
Contact screws [Ncm]	200			450		
Weight [g]	495	540	595	804	896	995

- contact frame with screws; 125A with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
 - to order with pilot contact please add a „5“ e.g. 4455-6.u (see page 8)
 - to order with pilot contact system (PCS) please add a „6“ e.g. 4456-6.u (see page 8)

IP66/67 watertight

Amp.	Poles	pack. unit	230V~	400V~
			50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h
			Cat.No.	Cat.No.

flange 75 x 75 - fixing center 60 x 60				
16	3	10	3132-6.u	
16	5	10		3152-6.u
32	3	10	3232-6.u	
32	5	10		3252-6.u



3152-6.u

flange 100 x 100 - fixing center 80 x 80				
63	3	2	333-6.u	
63	4	2		334-6.u
63	5	2		335-6.u
flange 120 x 120 - fixing center 100 x 100				
125	3	2	343-6.u	
125	4	2		344-6.u
125	5	2		345-6.u



335-6.u

flange 92 x 100 - fixing center 77 x 85				
16	3	10	4132-6.u	
16	5	10		4152-6.u
32	3	10	4232-6.u	
32	5	10		4252-6.u



4152-6.u

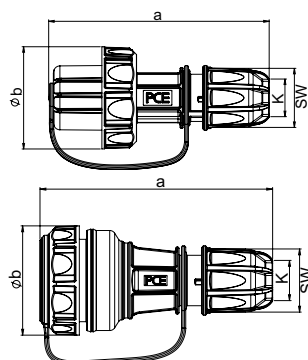
flange 100 x 112 - fixing center 80 x 88				
63	3	2	433-6.u	
63	4	2		434-6.u
63	5	2		435-6.u
flange 120 x 130 - fixing center 100 x 108				
125	3	2	443-6.u	
125	4	2		444-6.u
125	5	2		445-6.u



445-6.u



Watertight plugs and connectors IP66/68



Plug with protection cap IP66/68

	Plug 16 Amp	Connector 16 Amp
Poles	2P + E	2P + E
a [mm]	144	140
b Ø [mm]	65	65
K (cable Ø) [mm]	6- 19	6- 19
SW [mm]	38	38
Wire flexible [mm²]	1 - 2,5	1 - 2,5
Contact screws [Ncm]	80	80
Weight [g]	120	140
	protection cap with band	cap with band

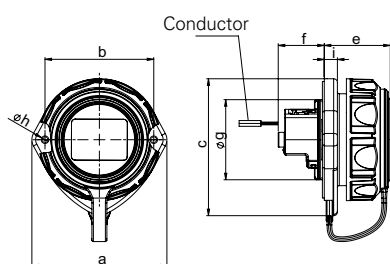
- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated
- VG96926 (Weapon norm approval) on request

IP66/68 watertight
up to 2 bar / 2h



Connector with cap IP66/68

Flanged socket oval with cover band



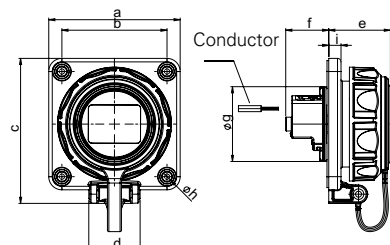
	16 Amp
Poles	2P + E
a [mm]	72
b [mm]	58
c [mm]	75
e [mm]	36
f [mm]	25
g [mm]	43
h [mm]	4
i [mm]	7
Wire flexible [mm²]	1 - 2x2,5
Wire solid [mm²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	87

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- rear connection
- 2-point fastening
- VG96926 (Weapon norm approval) on request

IP66/68 watertight
up to 2 bar / 2h



Flanged socket 75x75 mm with cover band



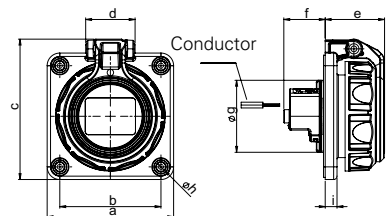
	16 Amp
Poles	2P + E
a [mm]	75
b [mm]	60
c [mm]	84
d [mm]	30
e [mm]	36
f [mm]	25
g [mm]	43
h [mm]	5,5
i [mm]	7
Wire flexible [mm²]	1 - 2x2,5
Wire solid [mm²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	101

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- rear connection
- 4-point fastening
- VG96926 (Weapon norm approval) on request

IP66/68 watertight
up to 2 bar / 2h



Flanged socket 75x75mm with hinged lid



	16 Amp
Poles	2P + E
a [mm]	75
b [mm]	60
c [mm]	84
d [mm]	30
e [mm]	36
f [mm]	25
g [mm]	43
h [mm]	5,5
i [mm]	7
Wire flexible [mm²]	1 - 2x2,5
Wire solid [mm²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	105

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- rear connection
- 4-point fastening

IP66/68 watertight
up to 2 bar / 2h

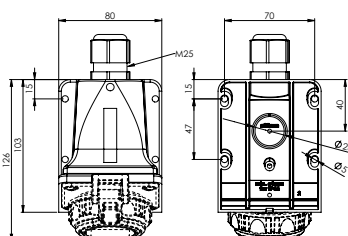


Wall housing for flanged socket 75x75mm IP66/68



20168.u + 20352-8u

- for flange size 75x75mm
- material: PA6
- 4-point fixation
- incl. mounting screws
- incl. cable gland M25



250V~

50/60Hz

PCE

Amp.	Poles	pack. unit	Abbreviations/Types	Cat.No.
16	3	10	Plug (2-earthing systems)	20051-u
			Austrian/German System	
16	3	10	Connector without shutter	20251-u
16	3	10	Connector with shutter	20251-uc
			French/Belgian System	
16	3	10	Connector without shutter	20241-u
16	3	10	Connector with shutter	20241-uc



20051-u



20251-u

			Austrian/German System	
16	3	10	rear connection without shutter	20351-9u
16	3	10	rear connection with shutter	20351-9uc
			French/Belgian System	
16	3	10	rear connection without shutter	20341-9u
16	3	10	rear connection with shutter	20341-9uc



20351-9u

			Austrian/German System	
16	3	10	rear connection without shutter	20351-8u
16	3	10	rear connection with shutter	20351-8uc
			French/Belgian System	
16	3	10	rear connection without shutter	20341-8u
16	3	10	rear connection with shutter	20341-8uc



20341-8u

			Austrian/German System	
16	3	10	rear connection without shutter	20352-8u
16	3	10	rear connection with shutter	20352-8uc
			French/Belgian System	
16	3	10	rear connection without shutter	20342-8u
16	3	10	rear connection with shutter	20342-8uc



20352-8u

		10	Wall housing (empty) incl. 4x screws and cable gland M25	20168.u
		10	Surface housing (empty) inkl. 4x screws and cable gland M20	80168.u



20168.u



80168.u



PCE supplies a variety of high-grade, **solid rubber and plastic distributors** meeting all specifications and needs in the industrial field as well as those of the construction industry, the crafts, exhibition halls and traffic control equipment. In addition to a wide range of standard types we also specialize in the manufacturing of **customized products**.



DISTRIBUTION BOXES

made of solid rubber or thermoplastic

Product Information distribution boxes

FIELDS OF APPLICATION

PCE distributors are to be found in use in all areas where high mechanical loads, extreme operating conditions or comprehensive safety requirements demand a special solution such as in workshops, industrial plants, construction sites, tunnels etc.

We plan and manufacture according to your wishes and requirements.

7 STEPS TO YOUR CUSTOMIZED SOLUTION:

1. You select a housing.
2. You determine the make-up.
3. If necessary, you specify your particular needs where they deviate from the standard.
4. We draw up the technical solution and submit an offer forthwith.
5. Upon an order being placed, we manufacture the types required in line with the regulations applicable to the particular field of use and within the scope of our certified quality management system.
6. Final inspection of all devices for mechanical and electrical safety in accordance with currently valid regulations and documentation based on ISO 9001:2000 is our standard.
7. The fact that we are at your disposal for after-sales is a matter of course.

Socket outlet combinations acc. EN 61439

Example type plate





DISTRIBUTION BOXES - WALL MOUNTING
made of solid rubber or thermoplastic

Solid rubber distribution boxes – wall mounting



Page

Information

246

Zams

Dimensions: HxWxD = 527x400x205(154)mm

248



Bruck

Dimensions: HxWxD = 370x370x203mm

249



Salzburg

Dimensions: HxWxD = 370x298x203mm

250



Furt

Dimensions: HxWxD = 350x210x146mm

251



Grein

Dimensions: HxWxD = 350x210x97mm

252



Traunsee

Dimensions: HxWxD = 260x165x90mm

253



Freistadt

Dimensions: HxWxD = 129x129x83mm

254



Solid rubber distribution boxes – wall mounting

Information

SOLID RUBBER HOUSINGS

Our solid rubber distributor housings are made from a mixture of natural rubber, styrene and butadiene (NK/SBR). The raw material is processed – in slab form – at pressures of up to 400 t and at a temperature of 180°C. This triggers a vulcanization process which lends the distributor its final form without affecting its consistency.

FEATURES

- unbreakable, halogen-free and aging-resistant solid rubber housing
- resistant to a diversity of oils, greases, gasoline and acids
- high mechanical strength, aging and corrosion resistant
- UV and ozone resistant
- insensitive to fountains of welding sparks and similar
- temperature resistant -30°C to +80°C
- not flammable according to EN 60695-11-5

TYPE OF PROTECTION

Empty housings to IP54 (IP67 on request), in line with the lowest type of protection on the extension sockets.

IP54 T □



STANDARD DESIGN

- **TOP assembly** – all fastening elements and sockets in the cover. Easy preliminary fitting of the empty lower section to the wall
- Distributors wired to terminal (individual connection)
- Waterproof screwed cable gland (IP68) optionally top or bottom mounting
- Circuit breakers (MCB) „C“ 10KA
RCDs 30mA with numbering for correct circuit assignment
- Clear wiring with insulated wire end sleeves
- Protective isolation through 4-point attachment to the wall outside the wiring compartment – partitioned.
- Also available with external mounting brackets on request
- Hinges between housing base and cover
- Increased mechanical protection edge (roof)
- Safety device material under impact resistant, opening hinged window with large opening angle (accessory: locking device)
- Safety sockets with self-closing hinged lid
- Isolated plastic nut for socket fixation
- All exposed metal parts of stainless steel. Captive screws
- CEE sockets made of PA6, with nickel-plated contacts, impact resistant, individually interchangeable
- Vulcanised brass nut



External mounting brackets made of stainless steel (optional)

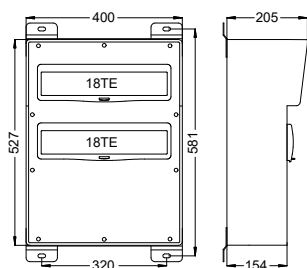


TOP assembly



Solid-rubber distribution boxes – wall mounting

Series ZAMS

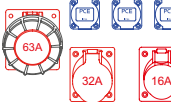


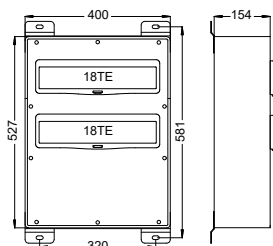
Series ZAMS

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure with protective roof
- **Dimensions HxWxD = 527x400x205 mm**
- Room for larger switchgear and sockets
- Front cover made out of plastics (black)
- Window for up to max. 3x18 modules
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Window opening angle >180° (optional: locking device)
- Ready wired on main connecting terminal for wiring through
- Cable gland IP68 selective on top or bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
	1	1	1	3	1xRCD 63A/4/0.3A (TYPE A 63AT) 1xRCD 63A/4/0.03A (TYPE A 63AT)	2xMCB 63A 3p-C before RCD 1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM50 (ø32-38mm) bottom	InA 100A RDF 0,6	9543014



Series ZAMS (without protective roof)

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure with protective roof
- **Dimensions HxWxD = 527x400x154 mm**
- Room for larger switchgear and sockets
- Front cover made out of plastics (black)
- Window for up to max. 3x18 modules
- Ready wired for connection
- **IP54** (IP67 on request)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
		32A	16A	16A	RCD	MCB			
			1	10	1xRCD 63A/4/0.03A (TYPE A 63AT)	1xMCB 16A 3p-C 5xMCB 16A 1p-C	1xM32 (ø18-25mm) bottom incl. AC meter DIGI and main switch 40A 3p over all outlets	InA 32A RDF 0,6	9544001

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

Solid-rubber distribution boxes – wall mounting Series BRUCK

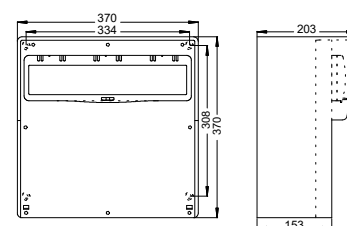
Series BRUCK

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure with protective roof (optional without roof)
- **Dimensions HxWxD = 370x370x203 mm**
- Front cover made out of plastics (black), hinged to housing
- Window for up to max. 18 modules
- Ready wired for connection
- **IP54** (IP67 on request)



Standard version:

- **TOP-mounting** up to 17 modules- all switchgear and sockets mounted on front cover for easy fixation of the housing to the wall.
- **BOTTOM-mounting** up to 18 modules- all switchgear mounted on the housing.
- Protective insulation via 4-way wall fastening outside of wiring space
- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Window opening angle >180° (optional: locking device)
- Ready wired on main connecting terminal for wiring through (max. 5x25mm² / 5x16mm² YF)
- Cable gland IP68 selective on top or bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable



Layout examples: (other combinations on request!)

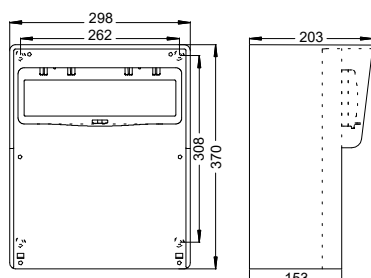
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	2	4	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 4xMCB 16A 1p-B	1xM32 (ø18-25mm) top 1xM32 (blind cap) bottom	InA 40A RDF 0,4	9240539
		2	2	4	1xRCD 63A/4/0.03A (TYPE A 63AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 4xMCB 16A 1p-C	1xM40 (ø22-32mm) top 1xM40 (blind cap) bottom	InA 63A RDF 0,5	9240862
		2	2	4	1xRCD 63A/4/0.03A (TYPE A 63AT)	2xMCB 32A 3p-C 1xMCB 16A 3p-C 4xMCB 16A 1p-B	1xM32 (ø18-25mm) top 1xM32 (blind cap) bottom	InA 63A RDF 0,5	9240544
		2	2	4	1xRCD 63A/4/0.03A (TYPE B 63AT)	2xMCB 32A 3p-C 1xMCB 16A 3p-C 4xMCB 16A 1p-B	1xM32 (ø18-25mm) top 1xM32 (blind cap) bottom	InA 63A RDF 0,5	92402851
	1	1	1	3	1xRCD 63A/4/0.3A (TYPE A 63AT) for CEE 63A 1xRCD 63A/4/0.03A (TYPE A 63AT) for CEE 32A & 16A	1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM40 (ø22-32mm) top 1xM40 (blind cap) bottom	InA 63A RDF 0,4	92401633
	1	1	1	4	1xRCD 63A/4/0.03A (TYPE A 63AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 2xMCB 16A 1p-C	1xM40 (ø22-32mm) top 1xM40 (blind cap) bottom	InA 63A RDF 0,4	92402427

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

...available on stock!

Solid-rubber distribution boxes – wall mounting

Series SALZBURG



Series SALZBURG

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure with protective roof (optional without roof)
- **Dimensions HxWxD = 370x298x203**
- Front cover hinged to housing
- Window for up to max. 14 modules
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- **TOP-mounting** up to 13 modules- all switchgear and sockets mounted on front cover for easy fixation of the housing to the wall.
- **BOTTOM-mounting** up to 14 modules- all switchgear mounted on the housing.
- Protective insulation via 4-way wall fastening outside of wiring space
- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Window opening angle >180° (Optional: locking device)
- Ready wired on main connecting terminal for wiring through (max. 5x25mm² / 5x16mm² YF)
- Cable gland IP68 selective on top or bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A		RCD	MCB			
			2	3	1xRCD 63A/4/0.03A (TYPE A 40AT)	2xMCB 16A 3p-C 3xMCB 16A 1p-B	1xM32 (ø18-25mm) top 1xM32 (blind cap) bottom	InA 40A RDF 0,7	9227142
		1	1	4	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 4xMCB 16A 1p-C	1xM32 (ø18-25mm) top 1xM32 (blind cap) bottom	InA 40A RDF 0,5	92272488
		1	1	3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-B	1xM32 (ø18-25mm) top 1xM32 (blind cap) bottom	InA 40A RDF 0,6	92272001
					1xRCD 40A/4/0.03A (TYPE B 40AT)			InA 40A RDF 0,6	92272001
					1xRCD 63A/4/0.03A (TYPE A 63AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-B	1xM32 (ø18-25mm) top 2xM16 (ø5-10mm) top 1xCAT6-socket RJ45 double	InA 50A RDF 0,7	92272523
		2		3	1xRCD 63A/4/0.03A (TYPE A 40AT)	2xMCB 32A 3p-C 3xMCB 16A 1p-B	1xM32 (ø18-25mm) top 1xM32 (blind cap) bottom	InA 40A RDF 0,5	9227354
	1	1	1	2	1xRCD 63A/4/0.03A (TYPE A 63AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM40 (ø22-32mm) top 1xM40 (blind cap) bottom	InA 63A RDF 0,4	9227746

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

...available on stock!

Solid-rubber distribution boxes – wall mounting

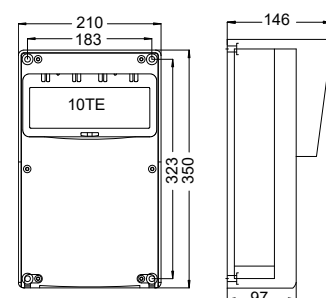
Series FURT

Series FURT

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure with protective roof (optional without roof)
- **Dimensions HxWxD = 350x210x146**
- Window up to max. 10 modules
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- Protective insulation via 4-way wall fastening outside of wiring space
- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Window opening angle >180° (Optional: locking device)
- Ready wired on main connecting terminal
- Cable gland IP68 selective on top or bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable



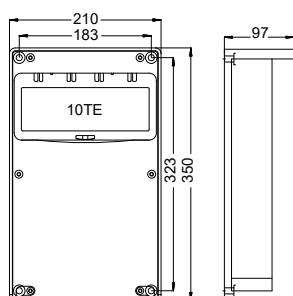
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				6	1xRCD 63A/4/0.03A (TYPE A 40AT)	6xMCB 16A 1p-C	1xM25 (ø13-18mm) top 1xM25 (blind cap) bottom	InA 32A RDF 0,6	9217134
				9			1xM20 (ø7-14mm) top	VS max.16A	9217005
			1	2	1xRCD 40A/4/0.03A (TYPE A 25AT)	1xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM25 (ø13-18mm) bottom	InA 25A RDF 0,7	9217041
			1	3	1xRCD 40A/4/0.03A (TYPE A 25AT)	1xMCB 16A 3p-C 3xMCB 16A 1p-B	1xM25 (ø13-18mm) bottom	InA 25A RDF 0,7	9217102
		1	1	2			1xM25 (ø13-18mm) top 2xM20 (ø7-14mm) top	VS max.16A max.32A	9217090
		1		3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 3xMCB 16A 1p-B	1xM32 (ø18-25mm) bottom	InA 40A RDF 0,7	9217001
			2	3		2xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM25 (ø13-18mm) bottom	InA 32A RDF 0,6	9217035
		1	1	3		1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM32 (ø18-25mm) bottom	InA 40A RDF 0,5	9217055
		2		6			1xM25 (ø13-18mm) top 1xM20 (ø7-14mm) top	VS max.16A max.32A	9217100

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

Solid-rubber distribution boxes – wall mounting

Series GREIN



Series GREIN

- **Socket outlet combination**
- Solid rubber enclosure
- **Dimensions HxWxD = 350x210x97**
- Front cover hinged to housing
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- Protective insulation via 4-way wall fastening outside of wiring space
- All outer metal parts made out of stainless steel, captive screws
- Ready wired on main connecting terminal
- Cable gland IP68 on top
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	1	3			1xM25 (ø13-18mm) top 2xM20 (ø7-14mm) top	max.16A max.32A	9218090
			4	2			2xM25 (ø13-18mm) top 1xM20 (ø7-14mm) top	max.16A	9218145

VS = backup fuse

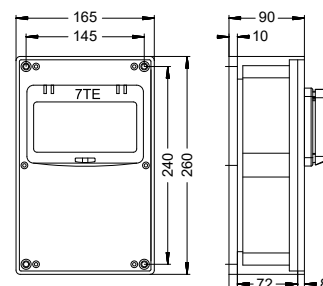
Solid-rubber distribution boxes – wall mounting Series TRAUNSEE

Series TRAUNSEE

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure
- **Dimensions HxWxD = 260x165x90**
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- Protective insulation via 4-way wall fastening outside of wiring space
- All outer metal parts made out of stainless steel, captive screws
- Ready wired on main connecting terminal
- Cable gland IP68 on top
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

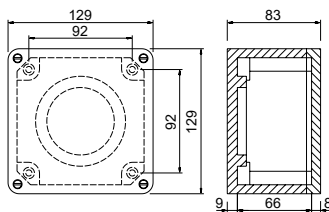


Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				3	1xRCD 40A/4/0.03A (TYPE A 40AT)	3xMCB 16A 1p-C	1xM25 (ø13-18mm) top 1xM25 (blind cap) bottom	InA 32A RDF 0,8	9216140
		1		1	1xRCD 40A/4/0.03A (TYPE A 40AT)	1xMCB 16A 1p-C	1xM32 (ø18-25mm) top 1xM32 (blind cap) bottom	InA 32A RDF 0,6	9216427
				4			1xM20 (ø10-14mm) top 1xM20 (blind cap) bottom	max. 16A	9216027
			1	2			1xM20 (ø10-14mm) top	max. 16A	9216237
				4			2xterminal 3p 10mm² 2xM20 (ø10-14mm) top	max. 16A	9216111
			1	2			1xterminal 5p 10mm² 1xterminal 3p 10mm² 1xM25 (ø13-18mm) top 1xM20 (ø10-14mm) top	max. 16A	9216231
		1		2			1xterminal 5p 10mm² 1xterminal 3p 10mm² 1xM32 (ø18-25mm) top 1xM25 (ø13-18mm) top	max. 16A max. 32A	9216236

Solid-rubber distribution boxes – wall mounting

Series FREISTADT



Series FREISTADT

- Solid rubber enclosure
- **Dimensions HxWxD = 129x129x83**
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- Protective insulation via 4-way wall fastening
- All outer metal parts made out of stainless steel
- Ready wired on main connecting terminal
- Cable gland IP68 on top
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				2			1xterminal 3p 10mm ² 1xM20 (ø10-14mm) top	max. 16A	9848030
			1	2*			1xterminal 5p 10mm ² 1xM20 (ø7-14mm) top * SS mounted on the side	max. 16A	9848050
							1xEMERGENCYSTOP button 3p (opener) 1xterminal 3p 10mm ² 2xM25 (ø13-18mm) top		9848233

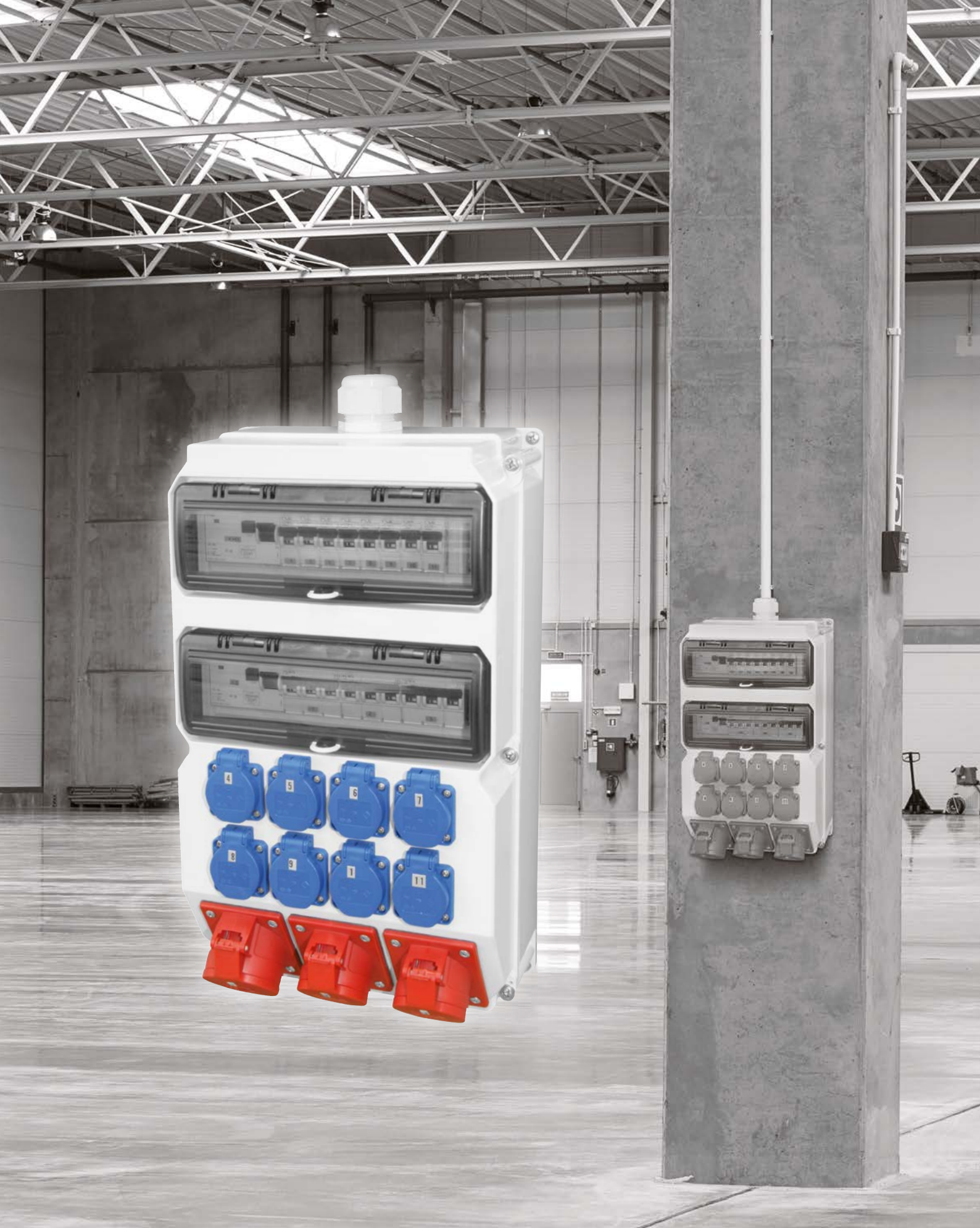
VS = backup fuse

Solid rubber distribution boxes – wall mounting



External mounting brackets made of stainless steel (optional)





DISTRIBUTION BOXES wall mounting
DELTA[▲] thermoplastic

Thermoplastic distribution boxes DELTA[^] wall mounting



Page

Information

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Sölden

Dimensions: HxWxD = 520x297x165mm

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Strobl

Dimensions: HxWxD = 520x222x140mm

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Anif7

Dimensions: HxWxD = 320x222x140mm

264



Anif4

Dimensions: HxWxD = 320x222x114mm

266



Murau / Schwaz

Dimensions: HxWxD = 255x204x114mm

267



Lofer7

Dimensions: HxWxD = 255x204x140mm

268



Lofer4

Dimensions: HxWxD = 255x204x114mm

269



Lech

Dimensions: HxWxD = 230x130x130mm

270



DELTA COMBI

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Thermoplastic distribution boxes **DELTA[^]** wall mounting



DELTA[^] Information



Distribution boxes are suitable for **in- and outdoor areas**. The boxes are available in **different sizes and designs**.

Protection degree: IP54 and IP66/67

The massive and high-quality **enclosure made from PC/ABS** tested and certified according to IEC/EN 62208* provides a wide range of **positive features**. Such as high impact resistance and notched bar impact strength, high thermal stability, dielectric strength, weather, UV and wear resistance, good insulation properties, and resistance against many chemical. The material used is free from cadmium, red phosphor and halogens (fluorine, chlorine, bromine, iodine and astatine).

DELTA series distribution boxes are well suited for all applications. Especially in those areas that depend on high-quality, a robust enclosure and total reliability, such as in industry, trade, workshops, agriculture, household, public buildings, leisure, sport, marinas, camping, etc.

DELTA series products are combinable and can be **arranged in horizontal or vertical** directions. STROBL and ANIF series are especially recommended here. Using this feature, it is possible to achieve individual combination groups of any size with single boxes. In few words, the diversity of variants has almost no limits.

Adjusted to your needs we put together individually tailored and **optimally equipped wall distribution boxes**.

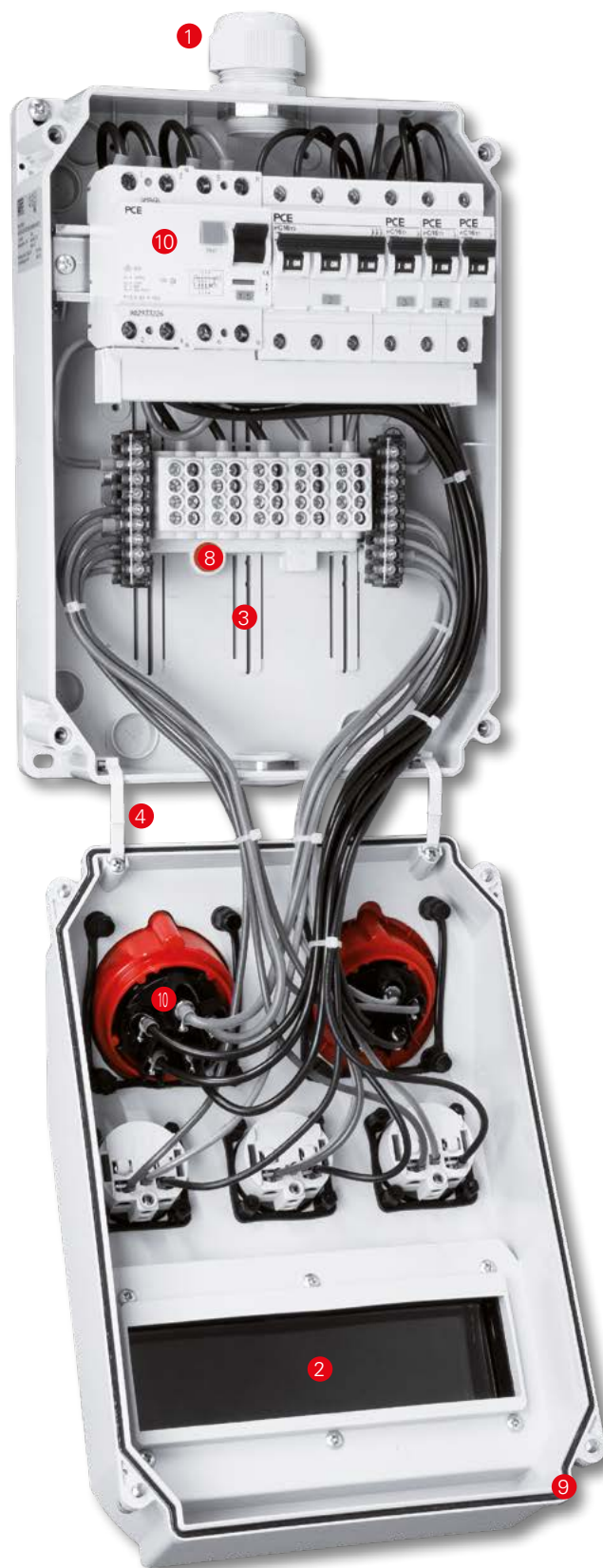
*) IEC/EN 62208:2011

This International Standard applies to empty enclosures as supplied by the enclosure manufacturer before any equipment is installed by the manufacturer of the switchgear assembly.

It defines terms, classifications, characteristics and test requirements for enclosures that may be used for such purposes as for example IEC 61439 series switchgear assemblies with a rated voltage not exceeding 1000V AC or 1500V DC, for general indoor or outdoor installation use.



DELTA[^] detail

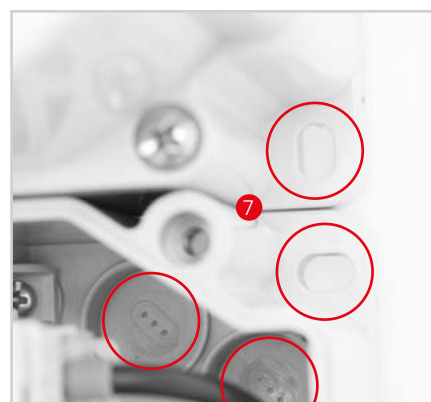




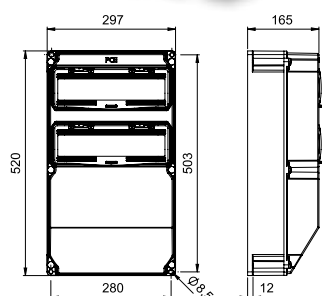
- 1 Cable entries up to max. M63, preferably from the top or bottom.
- 2 PCE hinged windows from 2 to 18 modules can be used in IP54 or IP66/67. The transparent protective, upward opening, cover of the window can be locked and sealed.
- 3 A variable groove shaped rail retention system on the inside floor allows optimum and individual positioning of the fittings, assembly plates, etc.
- 4 The cover and bottom part of the enclosure is connected by a flexible hinge, available in 2 different lengths.
- 5 The enclosures can be optimally adapted to each other thanks to the straight housing walls.
- 6 All external screws are made from stainless steel to resist in especially demanding operating conditions.
- 7 Wall mounting is possible in- or outside the protective area.
- 8 Distribution box ready wired on main terminal
- 9 Use of high-quality foamed* polyurethane seals.
- 10 Any type of switchgears, socket devices, such as CEE sockets 16A 3p to 125A 5p and safety sockets (Austrian/German, French/Belgian, Danish, British or Swiss standards) can be used for assembling.
- 11 Metric thread insert made of brass**.

*) inserted in series Lech

**) with series Lech directly in the plastic



Thermoplastic insulated distribution boxes **DELTA[▲]** Series **SÖLDEN**



Series **SÖLDEN**

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 520x297x165 mm**
- Switchgear up to 2x14 modules, behind transparent window
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through (max. 5x25mm² / 5x16mm² YF)
- Opening for cable gland on top, blind cap on bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	2	6	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,5	9028738
		1	2	9	1xRCD 63A/4/0.03A (TYPE A 63AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 9xMCB 16A 1p-C	1xM40 (hole) top 1xM40 (blind cap) bottom	InA 63A RDF 0,5	9028883
		2	2	4	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 4xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,5	9029541
		2	2	2	1xRCD 63A/4/0.03A (TYPE A 63AT)	2xMCB 32A 3p-C 2xMCB 16A 3p-C 2xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 63A RDF 0,5	9028086
	1	1	1	2	1xRCD 63A/4/0.03A (TYPE B 63AT) only for 16A and 32A outputs	1xMCB 32A 3p-C 1xMCB 16A 3p-C 2xMCB 16A 1p-C	1xM40 (hole) top 1xM40 (blind cap) bottom	InA 63A RDF 0,4	9029153
	1	1	1	4	1xRCD 63A/4/0.03A (TYPE A 63AT) only for 16A and 32A outputs	1xMCB 32A 3p-C 1xMCB 16A 3p-C 4xMCB 16A 1p-C	1xM40 (hole) top 1xM40 (blind cap) bottom	InA 63A RDF 0,4	9029070
	1	1	2	3	1xRCD 63A/4/0.03A (TYPE A 63AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM40 (hole) top 1xM40 (blind cap) bottom	InA 63A RDF 0,4	9029074

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

...available on stock!

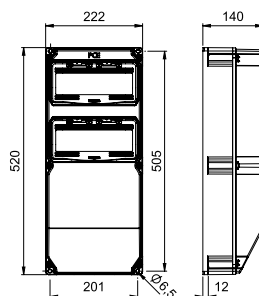
Thermoplastic insulated distribution boxes DELTA[▲] Series STROBL

Series STROBL

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 520x222x140 mm**
- Switchgear up to 2x10 modules, behind transparent window
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through (max. 5x25mm² / 5x16mm² YF)
- Opening for cable gland on top, blind cap on bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable



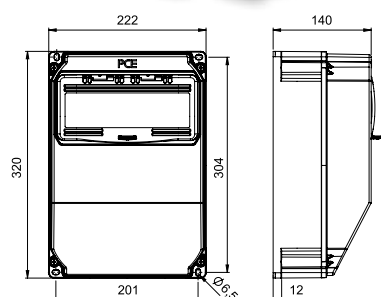
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4	1xRCD 40A/4/0.03A (TYPE A 25AT)	2xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 25A RDF 0,5	9025162
		1	1	2	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,6	9025512
		1	1	3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,6	9025575
		1	1	3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p C 1xMCB 16A 3p C 3xMCB 16A 1p C	1xM32+M20 (hole) top 1xM32 cable gland bottom 1xM20 cable gland with cap bottom 1xCAT6-socket RJ45 double	InA 40A RDF 0,6	9025853
		1	1	4	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 4xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,5	9025521
		1	2	2	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,5	9025612
		1	2	4	1xRCD 63A/4/0.03A (TYPE B 63AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 4xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 63A RDF 0,4	90251023
					1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 4xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,4	9025231
					1xRCD 63A/4/0.03A (TYPE A 63AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 4xMCB 16A 1p-C	1xM40 (hole) top 1xM40 (blind cap) bottom	InA 63A RDF 0,5	9025587

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

...available on stock!

Thermoplastic insulated distribution boxes **DELTA[▲]** Series ANIF7



Series ANIF7

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 320x222x140 mm**
- Switchgear up to 10 modules, behind transparent window
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through (max. 5x25mm² / 5x16mm² YF)
- Opening for cable gland on top, blind cap on bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

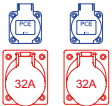
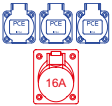
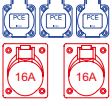
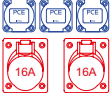
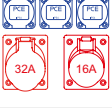
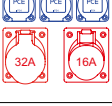
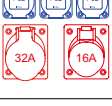
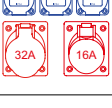
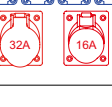
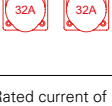
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A		RCD	MCB			
			1	2	1xRCD 40A/4/0.03A (TYPE A 25AT)	1xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM25 (hole) top 1xM25 (blind cap) bottom	InA 25A RDF 0,7	9135112
			1	2	1xRCD 40A/4/0.03A (TYPE A 25AT)	1xMCB 16A 3p-C 1xMCB 16A 1p-B	1xM25 (hole) top 1xM25 (blind cap) bottom	InA 25A RDF 0,7	9135114
		1	1	2	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 32A RDF 0,5	9135512
		1	1	2		1xMCB 32A 3p-C 1xMCB 16A 3p-C 2xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,6	9135511
			2	2		2xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 32A RDF 0,6	9135123
		1		3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 3xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,7	9135136

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

Thermoplastic insulated distribution boxes **DELTA** Series ANIF7

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		2		2		2xMCB 32A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,5	9135523
			1	3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM25 cable gland (ø13-18mm) top 1xM25 (blind cap) bottom	InA 32A RDF 0,7	9135110
			2	3		2xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM25 cable gland (ø13-18mm) top 1xM25 (blind cap) bottom	InA 32A RDF 0,6	9135151
			2	3		2xMCB 16A 3p-C 3xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,7	9135153
		1	1	3		1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM32 cable gland (ø18-25mm) top 1xM32 (blind cap) bottom	InA 40A RDF 0,6	9135551 
		1	1	3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM32 cable gland (ø18-25mm) top 1xM32 (blind cap) bottom	InA 32A RDF 0,5	9135510
		1	1	3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 16A 3p-C 3xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 32A RDF 0,5	9135552
		1	1	3	1xRCD 40A/4/0.03A (TYPE B 40AT)	1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 32A RDF 0,5	9135584
		1	1	3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM32+M20 (hole) top 1xM32 cable gland bottom 1xM20 cable gland with cap bottom 1xCAT6-socket RJ45 double	InA 32A RDF 0,5	9135585
		1	1	4		1xMCB 32A 3p-C 1xMCB 16A 3p-C 4xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,5	9135653
		1	1			1xMCB 32A 3p-C 1xMCB 16A 3p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,8	9135417
		2				2xMCB 32A 3p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,6	9135421

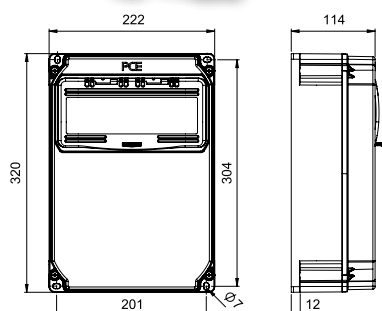
InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

 ...available on stock!



Thermoplastic insulated distribution boxes **DELTA**[▲]

Series ANIF4



Series ANIF4

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 320x222x114 mm**
- Switchgear up to 10 modules, behind transparent window
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through (max. 5x25mm² / 5x16mm² YF)
- Opening for cable gland on top, blind cap on bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4		2xMCB 16A 3p-C 4xMCB 16A 1p-B	1xM25 (hole) top 1xM25 (blind cap) bottom	InA 32A RDF 0,5	9134029
		1	1	3		1xMCB 32A 3p-C 1xMCB 16A 3p-C 4xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,5	9134227
		1	1	4	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM25 (hole) top 1xM25 (blind cap) bottom	InA 32A RDF 0,7	9134520
				CEE 16A 3p 4*	4xRCBO 16A 2p C 30mA TYPE A		1xM25 cable gland (ø13-18mm) bottom 4xCEE-sockets 16A 3p 230V lockable with padlock	InA 32A RDF 0,7	9134194

- *Lockable CEE sockets (16A 3p 230V) can be locked with padlock (size 30 or 40mm). Hinged window can also be locked with padlock. Perfectly suited for special occasions! e.g.: camping / marina,...



InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

Thermoplastic insulated distribution boxes DELTA Series MURAU/SCHWAZ

Series MURAU/SCHWAZ

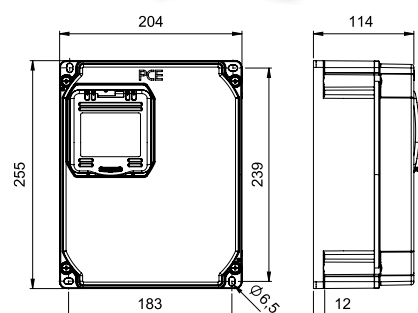
- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 255x204x114 mm**
- MURAU: Switchgear up to 4 modules, behind transparent window
- SCHWAZ: without window
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through
- Opening for cable gland on top, blind cap on bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

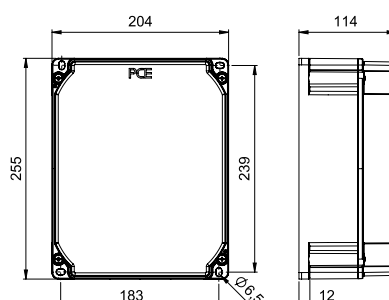


MURAU: 9013012



Layout examples: (other combinations on request!)

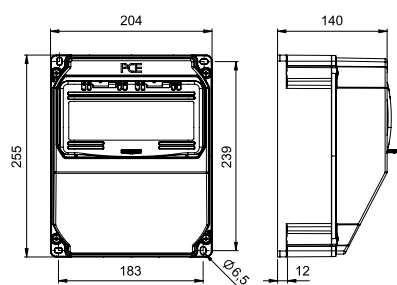
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				5	1xRCD 40A/4/0.03A (TYPE A 25AT)		1xM25 (hole) top 1xM25 (blind cap) bottom	InA 16A RDF 0,7	9013039
			1	3	1xRCD 40A/4/0.03A (TYPE A 25AT)		1xM25 (hole) top 1xM25 (blind cap) bottom	InA 16A RDF 0,7	9013031
			2	4			1xM20 (cable gland ø10-14mm) top	VS max. 16A	9014120



SCHWAZ: 9014120

Thermoplastic insulated distribution boxes **DELTA**[▲]

Series LOFER7



Series LOFER7

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 255x204x140 mm**
- Switchgear up to 9 modules, behind transparent window
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through
- Opening for cable gland on top, blind cap on bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	2	1xRCD 40A/4/0.03A (TYPE A 25AT)	1xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM25 (hole) top 1xM25 (blind cap) bottom	InA 25A RDF 0,8	9018112
			1	2	1xRCD 40A/4/0.03A (TYPE A 25AT)	1xMCB 16A 3p-C 1xMCB 16A 1p-B	1xM25 (hole) top 1xM25 (blind cap) bottom	InA 25A RDF 0,8	9018114
		1		2	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 32A RDF 0,6	9018164
				4	1xRCD 40A/4/0.03A (TYPE A 25AT)	4xMCB 16A 1p-B	1xM25 (hole) top 1xM25 (blind cap) bottom	InA 25A RDF 0,7	9018012
		1	1			1xMCB 16A 3p-C	1xM25 (hole) top 1xM25 (blind cap) bottom	InA 32A RDF 0,6	9018088
			2			2xMCB 16A 3p-C	1xM25 (hole) top 1xM25 (blind cap) bottom	InA 32A RDF 0,8	9018161

Thermoplastic insulated distribution boxes DELTA[▲] Series LOFER4

Series LOFER4

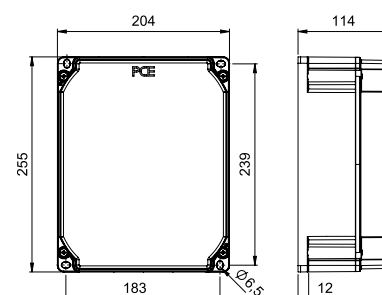
- **Socket outlet combination**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 255x204x114 mm**
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Ready wired on main connecting terminal for wiring through
- Opening for cable gland on top, blind cap on bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable



9017009



Layout examples: (other combinations on request!)

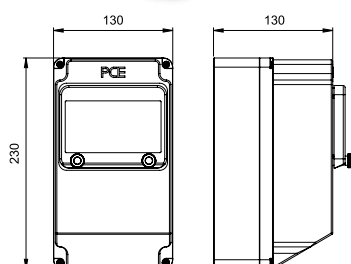
Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS	Cat.No.
	63A	32A	16A		RCD	MCB			
				6			1xM20 (hole) top 1xM20 (blind cap) bottom	max. 16A	9017037
				8			2xM20 (cable gland ø10-14mm) top	max. 16A	9017009
			4				1xM25 (hole) top 1xM25 (blind cap) bottom	max. 16A	9017101



9017034

Thermoplastic insulated distribution boxes **DELTA**[▲]

Series LECH



Series LECH

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable, impact resistant PC
- **Dimensions HxWxD = 230x130x130 mm**
- Switchgear up to 6 modules, behind transparent window
- Ready wired for connection
- **IP54** (IP67 on request)

Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through
- Thread for cable gland 1xM25 on top, 2x break out openings M25 bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	1		1xMCB 16A 1p-B	1xM25 (thread) top 2xM25 (break out) bottom	InA 16A RDF 0,8	9605105
		1		1		1xMCB 16A 1p-B	1xM25 (thread) top 2xM25 (break out) bottom	InA 32A RDF 0,8	9605351
			1	2		1xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM25 (thread) top 2xM25 (break out) bottom	InA 32A RDF 0,8	9605153
			1	2		1xMCB 16A 3p-C 2xMCB 16A 1p-C	1xM25 (thread) top 2xM25 (break out) bottom	InA 32A RDF 0,8	9605159
			1	2	1xRCD 40A/4/0.03A (TYPE A 25AT)	2xMCB 16A 1p-B	1xM25 (thread) top 2xM25 (break out) bottom	InA 16A RDF 0,8	9605150
		1		2		2xMCB 16A 1p-B	1xM25 (thread) top 2xM25 (break out) bottom	InA 32A RDF 0,8	9605056
		1		2	1xRCD 63A/4/0.03A (TYPE A 40AT)	2xMCB 16A 1p-B	1xM25 (thread) top 2xM25 (break out) bottom	InA 32A RDF 0,6	9605320
				3	1xRCD 40A/4/0.03A (TYPE A 25AT)		1xM25 (thread) top 2xM25 (break out) bottom	InA 16A RDF 0,8	9605010

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

DELTA[^] COMBI

DELTA COMBI

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable, impact resistant PC
- Ready wired for connection
- **IP54** (IP67 on request)

Due to the compact design the DELTA enclosures can be combined individually and offer an endless possibility of solutions. According to each customer wish, we can offer and deliver within very short lead time a custom based solution.

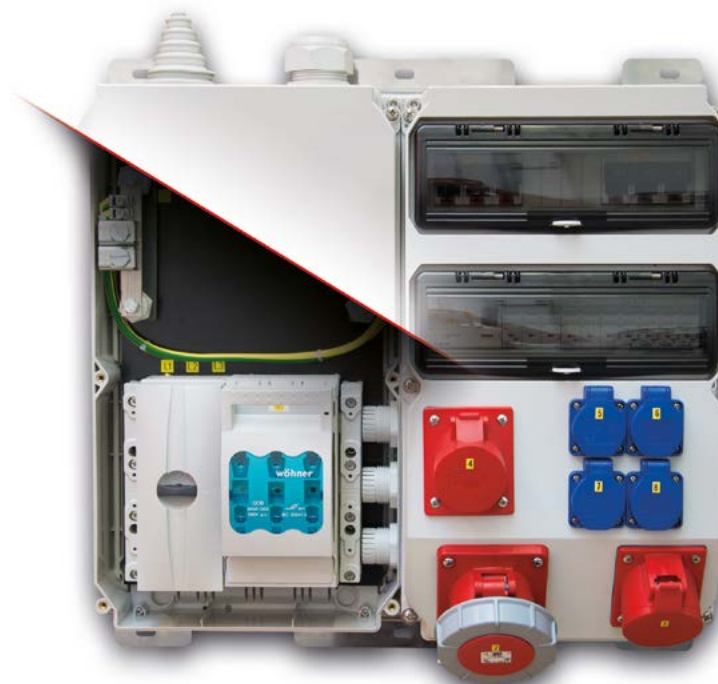
Contact our sales team, we are happy to help you!



Combi with 2xStrobl7
HxWxD = 520x444x140 mm

Layout example: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
	1	1	1	4	1 x RCD 63A/4/0.03A (TYP A 63AT)	1xNH-fused load break switch 00 100A 3p 1xTytan D02 63A 3p 1 x LS 32A 3p-C 1 x LS 16A 3p-C 4 x LS 16A 1p-C	1xKT3 cable grommet top (ø14-54mm) 1xM50 cable gland top (ø32-38mm) Terminal 3p (L1-L3) 35-120mm² Copper bus bar terminal (N&PE) 16-120mm²	InA 200A RDF 0,6	90992198



90992198
Combi with 2xSÖLDEN
HxWxD = 520x594x165



DISTRIBUTION BOXES – MOBILE
made of solid rubber or thermoplastic

Solid rubber distribution boxes – mobile



Page

Information

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Zirl

Dimensions: HxWxD = 527x400x270mm

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Schrems

Dimensions: HxWxD = 255x400x300mm

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Spitz

Dimensions: HxWxD = 320x320x320mm

278



Ried

Dimensions: HxWxD = 280x235x285mm

279



Steyregg

Dimensions: HxWxD = 79x430x129mm

280



Traunsee

Dimensions: HxWxD = 165x260x90mm

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Distribution boxes special versions, examples

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Universal racks, column stands, protection roof

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Solid rubber distribution boxes – mobile

Information

SOLID RUBBER HOUSINGS

Our solid rubber distributor housings are made from a mixture of natural rubber, styrene and butadiene (NK/SBR). The raw material is processed – in slab form – at pressures of up to 400 t and at a temperature of 180°C. This triggers a vulcanization process which lends the distributor its final form without affecting its consistency.

FEATURES

- unbreakable, halogen-free and aging-resistant solid rubber housing
- resistant to a diversity of oils, greases, gasoline and acids
- high mechanical strength, aging and corrosion resistant
- UV and ozone resistant
- insensitive to fountains of welding sparks and similar
- temperature resistant -30°C to + 80°C
- not flammable according to EN 60695-11-5



TYPE OF PROTECTION

IP54 (IP67 on request)

The protection degree of the complete product is defined by the unit with the lowest protection which is mounted.

STANDARD DESIGN

- enclosure with carrying handle made of solid-rubber
- entry: high-flexible rubber cable or plug
- CEE sockets i.e. protective contact sockets made of PA6 with nickel plated exchangeable contacts
- safety device material under impact resistant, opening hinged window (opening angle > 180°)
- all exposed metal parts of stainless steel. Captive screws
- numbered electrical circuits and extension sockets – fast, clear identification
- MCBs „C“ characteristics
- RCDs 30mA, over all outlets
- distributors wired to terminals (individual connection)

IP54 T 

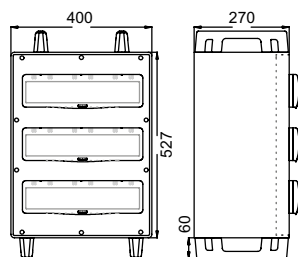


Solid-rubber distribution boxes – mobile

Series ZIRL



9545020



Series ZIRL

- **Socket outlet combination acc. EN 61439**
- Portable solid rubber distribution box (lid: thermoplastic)
- **Dimensions: HxWxD = 527x400x270 mm**
- Place for large equipment
- Window for up to max. 3x18 modules (54 modules)
- DIN-rail mounted control units, such as MCBs, RCDs, electronic current meter etc. in a robust plastic cover installed on the back
- Ready wired for using
- Housing protection **IP54** (IP67 on request)

Standard version:

- Enclosure with solid rubber carrying handles
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable
- All outer metal parts made out of stainless steel
- Entry connection made out of flexible rubber cable with plug or flanged plug

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p				CEE 230V 3p	SS 250V	Protection / Connection	InA RDF	Cat. No.
	125A	63A	32A	16A	16A	16A			
		2	2	2			2xMCB 63A 3p-C (before RCD) 2xMCB 32A 3p-C (before RCD) 2xMCB 16A 3p-C 5xMCB 16A 1p-C 2xRCD 63A/4/0.03A (TYPE A 63AT) for CEE 63A 2xRCD 40A/4/0.03A (TYPE A 40AT) for CEE 32A 1xRCD 63A/4/0.03A (TYPE A 63AT) fused with 1x MCB 63A 3p-C for CEE 16A & SS 2m cable H07RN-F 5G35 with CEE-plug 125A 5p 400V	InA 125A RDF 0,5	9545069
	1	2	2	2	4	4	2xMCB 63A 3p-C 2xMCB 32A 3p-C 2xMCB 16A 3p-C 4xMCB 16A 1p-C 4xMCB 16A 1p-C 2xRCD 63A/4/0.03A (TYPE A 63AT) for CEE 63A 1xRCD 63A/4/0.03A (TYPE A 63AT) for CEE 32A fused with Tytan D02 63A 3p 1xRCD 63A/4/0.03A (TYPE A 63AT) for CEE 16A 1xRCD 63A/4/0.03A (TYPE A 63AT) for SS 2m cable H07RN-F 5G35 with CEE-plug 125A 5p 400V	InA 125A RDF 0,5	9545020
		4					4 x Tytan D02 63A 3p 2m cable H07RN-F 5G35 with CEE-plug 125A 5p 400V mounted on zinc coated rack with 2 crane eyes Dimensions: HxWxD = 900x500x600mm	InA 125A RDF 0,4	9545640

Special editions of series ZIRL - Examples



9545640

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

Solid-rubber distribution boxes – mobile Series SCHREMS

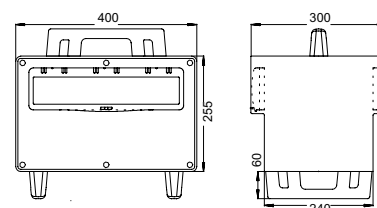
Series SCHREMS

- **Socket outlet combination acc. EN 61439**
- Portable solid rubber distribution box, stackable
- **Dimensions: HxWxD = 255x400x300mm**
- Place for large equipment
- Window for up to max. 36 modules
- DIN-rail mounted control units, such as MCBs, RCDs, electronic current meter etc. installed on the back
- Ready wired for using
- Housing protection **IP54** (IP67 on request)



Standard version:

- Enclosure with solid rubber carrying handles
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable
- All outer metal parts made out of stainless steel
- Entry connection made out of flexible rubber cable with plug or flanged plug



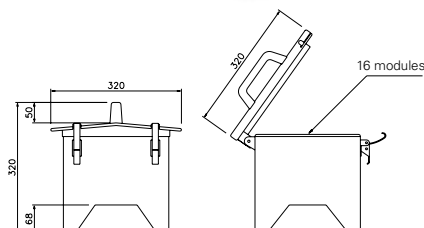
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
	1*	3	2	2	RCD 63A/4/0,03A (TYPE A 63AT) for CEE 32A RCD 63A/4/0,03A (TYPE A 63AT) for CEE 16A & SS	3 x MCB 32A 3p-C 2 x MCB 16A 3p-C 2 x MCB 16A 1p-C	2m cable H07RN-F 5G16 with CEE-plug 63A 5p 400V * not over RCD	InA 63A RDF 0,4	9504138
	1*	2	2	4	1 x RCD 63A/4/0,03A (TYPE A 63AT)	2 x MCB 32A 3p-C 2 x MCB 16A 3p-C 2 x MCB 16A 1p-C	2m cable H07RN-F 5G16 with CEE-plug 63A 5p 400V * not over RCD	InA 63A RDF 0,5	9504124
		2	4	6	1 x RCD 63A/4/0,03A (TYPE A 63AT)	1 x MCB 32A 3p-C 2 x MCB 16A 3p-C 3 x MCB 16A 1p-B	2m cable H07RN-F 5G16 with CEE-plug 63A 5p 400V	InA 63A RDF 0,6	9504540
		2	4	6	1 x RCD 63A/4/0,03A (TYPE A 63AT)	1 x MCB 32A 3p-C 2 x MCB 16A 3p-C 3 x MCB 16A 1p-C	1 x CEE-flanged plug 63A 5p 400V	InA 63A RDF 0,6	9504020
		2	2	9	1 x RCD 63A/4/0,03A (TYPE A 63AT)	2 x MCB 32A 3p-C 2 x MCB 16A 3p-C 9 x MCB 16A 1p-C	2m cable H07RN-F 5G16 with CEE-plug 63A 5p 400V	InA 63A RDF 0,4	9504450
	2	1			2 x RCD 63A/4/0,03A (TYPE A 63AT) 1 x RCD 63A/4/0,03A (TYPE A 40AT)	2 x MCB 63A 3p-C 1 x MCB 32A 3p-C	2m cable H07RN-F 5G35 with CEE-plug 125A 5p 400V	InA 125A RDF 0,6	9504103

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

Solid-rubber distribution boxes – mobile

Series SPITZ



Series SPITZ

- **Socket outlet combination acc. EN 61439**
- Portable solid rubber distribution box
- **Dimensions: HxWxD = 320x320x320 mm**
- Lifting hinged top cover with 2 quick acting closures
- Fuses, control devices e.g. MCB, RCD, current indicator, ... under top cover
- Maximum safety- closed casing bottom with high ground clearance, prevention of water intake from bottom
- Sockets protected by overhanging box cover
- Space-saving storage- distributors are stackable

Standard version:

- Enclosure with solid rubber carrying handle
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable
- All outer metal parts made out of stainless steel
- Entry connection made out of flexible rubber cable with plug or flanged plug
- Housing protection **IP54** (IP67 on request)

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A		RCD	MCB			
		1	2	3	1 x RCD 63A/4/0,03A (TYPE A 63AT)	1 x MCB 32A 3p-C 2 x MCB 16A 3p-C 3 x MCB 16A 1p-C	2m cable H07RN-F 5G16 with CEE-plug 63A 5p 400V	InA 63A RDF 0,6	94741511
					1 x RCD 40A/4/0,03A (TYPE B 40AT)	2 x MCB 16A 3p-C 3 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,4	94742047
		1	2	4	1 x RCD 63A/4/0,03A (TYPE A 40AT)	2 x MCB 16A 3p-C 4 x MCB 16A 1p-B	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,6	9474584
		2	2	4	1 x RCD 63A/4/0,03A (TYPE A 40AT)	2 x MCB 16A 3p-C 4 x MCB 16A 1p-B	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,4	9474590
					1 x RCD 63A/4/0,03A (TYPE A 40AT)	1 x MCB 16A 3p-C 4 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,4	94741386
					1 x RCD 63A/4/0,03A (TYPE B 63AT)	2 x MCB 32A 3p-C 2 x MCB 16A 3p-C 2 x MCB 16A 1p-C	2m cable H07RN-F 5G16 with CEE-plug 63A 5p 400V	InA 63A RDF 0,4	94742063
		3		4	1 x RCD 63A/4/0,03A (TYPE A 63AT)	3 x MCB 32A 3p-C 2 x MCB 16A 1p-B	2m cable H07RN-F 5G10 with CEE-plug 63A 5p 400V	InA 63A RDF 0,4	9474320
			2	6	1 x RCD 63A/4/0,03A (TYPE A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-B	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,8	9474154
				10	1 x RCD 63A/4/0,03A (TYPE A 40AT)	10 x MCB 16A 1p-B	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,6	9474144

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

...available on stock!

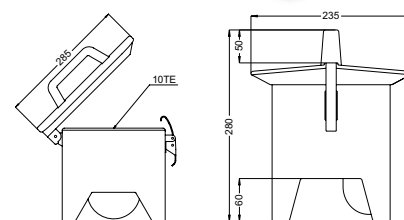
Solid-rubber distribution boxes – mobile Series RIED

Series RIED

- **Socket outlet combination acc. EN 61439**
- Portable solid rubber distribution box
- **Dimensions: HxWxD = 280x235x285 mm**
- Lifting hinged top cover with 2 quick acting closures
- Fuses, control devices e.g. MCB, RCD, current indicator, ... under top cover
- Maximum safety- closed casing bottom with high ground clearance, prevention of water intake from bottom
- Sockets protected by overhanging box cover
- Space-saving storage- distributors are stackable

Standard version:

- Enclosure with solid rubber carrying handle
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable
- All outer metal parts made out of stainless steel
- Entry connection made out of flexible rubber cable with plug or flanged plug
- Housing protection **IP54**



Layout examples: (other combinations on request!)

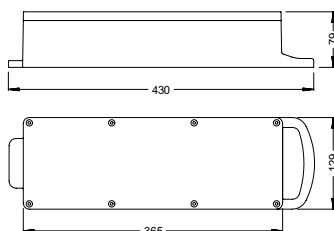
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	2	3	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	1xCEE-wall mounted plug 32A 5p 400V	InA 32A RDF 0,8	9473377
		1	2	3	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,8	9473080
			2	4	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,8	9473012
			2	4	1 x RCD 40A/4/0.03A (TYPE A 25AT)	2 x MCB 16A 1p-C	2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	InA 16A RDF 0,8	9473070
			2	4	1 x RCD 40A/4/0.03A (TYPE A 25AT)	2 x MCB 16A 1p-C	1xCEE-wall mounted plug 16A 5p 400V	InA 16A RDF 0,8	9473071
			2	4	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-C	1xCEE-wall mounted plug 32A 5p 400V	InA 32A RDF 0,9	9473435
				6		6 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,7	9473487
				8	1 x RCD 40A/4/0.03A (TYPE A 25AT)		1xCEE-wall mounted plug 16A 5p 400V	InA 16A RDF 0,7	9473274

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

Solid-rubber distribution boxes – mobile

Series STEYREGG

Series STEYREGG



- **Socket outlet combination acc. EN 61439**
- Portable solid rubber distribution box
- **Dimensions: HxWxD = 79x430x129 mm**
- With or without fuse protection
- Ready wired for use
- Housing protection **IP54**



Standard version:

- Enclosure with solid rubber carrying handle
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable
- Entry connection made out of flexible rubber cable with plug

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	2	1 x RCD 40A/4/0.03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	InA 16A RDF 0,8	9441065
		2		2	1 x RCD 63A/4/0.03A (TYPE A 40AT)	2 x MCB 16A 1p-C	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V	InA 32A RDF 0,8	9441075
			1	3			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max.16A	9441050
			1	3	1 x RCD 40A/4/0.03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	InA 16A RDF 0,8	9441051
			2	3			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max.16A	9441151
				4			2m cable H07RN-F 3G2,5mm2 with solid rubber plug 16A 2p+PE 230V	VS max.16A	9441010
			3				2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max.16A	9441070

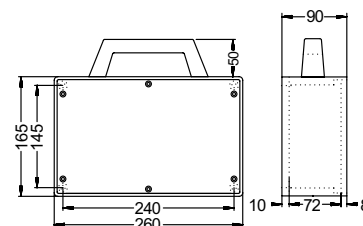
Solid-rubber distribution boxes – mobile Series TRAUNSEE

Series TRAUNSEE

- **Socket outlet combination acc. EN 61439**
- Portable solid rubber distribution box
- **Dimensions: HxWxD = 165x260x90 mm**
- With or without fuse protection
- Ready wired for use
- Housing protection **IP54**

Standard version:

- Enclosure with solid rubber carrying handle
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable
- Entry connection made out of flexible rubber cable with plug



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	2			1,5m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max.16A	9216051
			1	2	1 x RCD 25A/2/0.03A (TYPE A 25AT) only over safety sockets		1,5m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	InA 16A RDF 0,9	9216052
				3	1 x RCD 25A/2/0.03A (TYPE A 25AT)		1,5m cable H07RN-F 3G2,5 with solid rubber plug 16A 2p+PE 230V	InA 16A	9216066
				4			1,5m cable H07RN-F 3G2,5 with solid rubber plug 16A 2p+PE 230V	VS max.16A	9216011

Solid-rubber distribution boxes – mobile with electricity meters

123456 kWh

Layout examples: (other combinations on request!)

Symbol / Series	CEE 400V 5p		SS 250V	Version / Equipment	Cat.No.
	32A	16A	16A		
 TRAUNSEE 123456 kWh			2	Mobile distribution box - solid rubber - series TRAUNSEE IP54 5m cable 3G1,5 with safety plug 16A 250V 2 x safety sockets 16A 250V 1 x RCBO 16A 2p C 30mA TYPE A 1 x electronic kWh AC meter DIGI 32A 230V 1p	9216150
			4	Mobile distribution box - solid rubber - series SPITZ IP54 with locking unit 2m cable 3G2,5 with safety plug 16A 250V 4 x MCB 16A 1p-B 1 x RCD 25A/2/0.03A (TYPE A 25AT) 1 x electronic kWh AC meter 230V	9474162
		1	4	Mobile distribution box - solid rubber - series SPITZ IP54 with locking unit 2m cable 5G2,5 with CEE-plug 16A 5p 400V 4 x MCB 16A 1p-B 1 x RCD 40A/4/0.03A (TYPE A 25AT) 1 x electronic kWh AC meter 3x230/400V	9474164
		2	4	Mobile distribution box - solid rubber - series SPITZ IP54 with locking unit 2m cable 5G2,5 with CEE-plug 16A 5p 400V 1 x MCB 16A 3p-C 2 x MCB 16A 1p-B 1 x RCD 40A/4/0.03A (TYPE A 25AT) 1 x electronic kWh AC meter 3x230/400V	9474166
	1	2	3	Mobile distribution box - solid rubber - series SPITZ IP54 with locking unit 2m cable 5G6 with CEE-plug 32A 5p 400V 1 x MCB 16A 3p-C 3 x MCB 16A 1p-B 1 x RCD 63A/4/0.03A (TYPE A 40AT) 1 x electronic kWh AC meter 65A 400V 3p	9474540
 SPITZ 123456 kWh		3	4	Mobile distribution box - solid rubber - series SPITZ IP54 with locking unit 2m cable 5G2,5 with CEE-plug 16A 5p 400V 4 x MCB 16A 1p-B 1 x RCD 40A/4/0.03A (TYPE A 25AT) 1 x electronic kWh AC meter 65A 400V 3p	9474176
	1	2	6	Mobile distribution box - solid rubber - series SCHREMS IP54 CEE-flanged plug 32A 5p 400V 1 x MCB 16A 3p-C 3 x MCB 16A 1p-B 1 x RCD 63A/4/0.03A (TYPE A 40AT) 1 x electronic kWh AC meter 65A 400V 3p	9504524
	1	2	6	Mobile distribution box - solid rubber - series SCHREMS IP54 2m cable 5G6 with CEE-plug 32A 5p 400V 1 x MCB 16A 3p-C 3 x MCB 16A 1p-B 1 x RCD 63A/4/0.03A (TYPE A 40AT) 1 x electronic kWh AC meter 65A 400V 3p	9504528

Solid-rubber distribution boxes - mobile with isolation transformer with galvanic isolation 230/230V~ according to EN61558-2-4 (VDE 0570 part 2-4)

Layout examples: (other combinations on request!)

Symbol / Series	CEE 400V 5p		SSD 250V	Version / Equipment	Cat.No.
	32A	16A	16A		
			1	Series TRAUNSEE Isolation transformer 500VA 230/230V~ Entry: 3m cable 2 x 1,5 with safety plug 16A 250V~ Outlet: 1 safety socket 16A 250V~	9216453
			1	Series SPITZ Isolation transformer 1000VA 230/230V~ Entry: 3m cable 2 x 1,5 with safety plug 16A 250V~ Outlet: 1 safety socket 16A 250V~	9474410
			1	Series SCHREMS Isolation transformer 2500VA 230/230V~ Entry: 3m cable 2 x 2,5 with safety plug 16A 250V~ Outlet: 1 safety socket 16A 250V~	9502619

Mobile distribution box with isolation transformer Series ZIRL

- Mounted on special transport cart zinc coated
- 10m cable 5G6 with CEE-plug 32A 5p 400V
- 1 isolation transformer 14,72 kVA **primary 3p 400V**, secondary 4x230V 2p over separate coils
- 4 safety sockets 16A 230V galvanic separated and fused by MCB 16A 2p-C
- Transformer protected by power switch 18-25A
- Control circuit and cooling fan protected by separate transformer with Neozed fuse
- Transformers protected against over temperature
- Under voltage protection
- Inlet air on the bottom and outlet air on the side protected with rubber grids



Example



Solid-rubber distribution boxes – mobile

with safety transformers with secondary-side extra low voltage 24V~ or 42V~

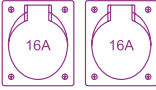
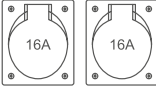
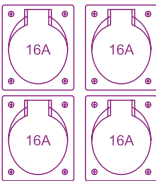
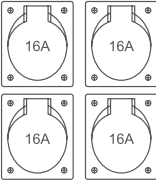
Safety at the workplace

Safety transformers are often absolutely necessary to protect human health. Special electric products, which provide maximum protection for the user, are required at many workstations.



9473401

Layout examples: (other combinations on request!)

Layout	CEE 16A 2p		Performance / Equipment	Cat.No.
	24V~	42V~		
	1		Series TRAUNSEE Safety transformer 120VA 230/24V~ Entry: 3m cable 2 x 1,5 with contour plug 16A 250V~ Outlet: 1 CEE-socket 16A 2p 24V~	9216423
		1	Series TRAUNSEE Safety transformer 120VA 230/42V~ Entry: 3m cable 2 x 1,5 with contour plug 16A 250V~ Outlet: 1 CEE-sockets 16A 2p 42V~	9216440
	2		Series TRAUNSEE Safety transformer 500VA 230/24V~ Entry: 3m cable 2 x 1,5 with contour plug 16A 250V~ Outlet: 2 CEE-sockets 16A 2p 24V~	9216452
		2	Series TRAUNSEE Safety transformer 500VA 230/42V~ Entry: 3m cable 2 x 1,5 with contour plug 16A 250V~ Outlet: 2 CEE-sockets 16A 2p 42V~	9216451
	4		Series RIED Safety transformer 500VA 230/24V~ Entry: 3m cable 2G1,5 with contour plug 16A 250V~ Outlet: 4 CEE-sockets 16A 2p 24V~	9473400
		4	Series RIED Safety transformer 500VA 230/42V~ Entry: 3m cable 2G1,5 with contour plug 16A 250V~ Outlet: 4 CEE-sockets 16A 2p 42V~	9473401

Solid-rubber distribution boxes – mobile Special versions – examples

Solid rubber 2-way distributor combination Series COMBI of 2 ZIRL

with 2 crane eyelets size M12 mounted on a galvanized sub-frame

HxWxD = 700x1100x600mm

Equipment:

2 CEE-sockets 63A 5p 400V	2 MCB 63A 3p-C	2 RCDs 63/4/0,3A on CEE-socket 63A
6 CEE-sockets 32A 5p 400V	6 MCBs 32A 3p-C	3 RCDs 63/4/0,03A on CEE-sockets 32A
2 CEE-sockets 16A 5p 400V	2 MCBs 16A 3p-C	1 RCDs 40/4/0,03A on CEE-sockets 16A
6 sockets (DIN 49440) 16A 240V	6 MCB 16A 1p-C	1 RCD 40/4/0,03A on socket (DIN 49440)



Solid rubber 3-way distributor combination Series COMBI of 3 ZIRL

mobile, mounted on transport trolley with 2 handles

HxWxD = 700x1200x400mm

Equipment:

Input: Powerlock 400A

Output: Powerlock 400A (wired through)

- 2x CEE-socket 63A 5p 400V IP67 fused with 2x MCB 63A 3p C
- 3x CEE-socket 32A 5p 400V fused with 3x MCB 32A 3p C
- 6x CEE-socket 16A 5p 400V fused with 6x MCB 16A 3p C
- 9x safety sockets 16A 250V IP54 fused with 9x MCB 16A 1p C
- 2x RCD 63A/4/0,1A selektiv (TYPE A 63AT) over 2x CEE 63/5
- 1x RCD 63A/4/0,03A „G“ (TYPE A 63AT) over 3x CEE 32/5 fused with 1x MCB 63A 3p C
- 1x RCD 63A/4/0,03A (TYPE A 63AT) over 6x CEE 16/5 fused with 1x MCB 63A 3p C
- 1x RCD 63A/4/0,03A (TYPE A 63AT) over 9x SS fused with 1x MCB 63A 3p C
- 1x switch disconnecter 160A as input fuse
- 3x control lights (L1,L2,L3)



Special versions – examples

Solid-rubber distribution boxes – mobile



Solid rubber distribution box

Series ZIRL with two separate circuits

on transport trolley made of angel irons, galvanized, with 2 guide rollers and 2 fixed rollers, solid rubber tyres

HxWxD = 610x520x270mm

Equipment:

4 CEE-sockets 63A 5p 400V

2 CEE-plug 125A 5p 400V

4 switch-disconnectors 63A 3p-C acting as back-up fuse
4 RCDs 63/4/0,03A



Solid rubber 2-way distributor combination

Series COMBI of 2 ZIRL

on transport trolley made of angel irons, galvanized, with 2 guide rollers and 2 fixed rollers, solid rubber tyres

HxWxD = 610x800x270mm

Equipment:

3 control lamps to monitor the input

2 CEE-sockets 63A 5p 400V

3 CEE-sockets 32A 5p 400V

6 CEE-sockets 16A 5p 400V

9 sockets (DIN 49440) 16A 240V

2 MCBs 63A 3p-C

3 MCBs 32A 3p-C

6 MCBs 16A 3p-C

9 MCBs 16A 1p-C

2 RCDs 63/4/0,1A on CEE-sockets 63A

1 RCD 63/4/0,03A on CEE-sockets 32A

1 RCD 63/4/0,03A on CEE-sockets 16A

1 RCD 40/4/0,03A back-up fuse in the form of a RCD earthed contact socket

Revision cart IP54

Series KOMBI with 4 ZIRL

on transport trolley made of angel irons, galvanized, with 2 guide rollers and 2 fixed rollers, solid rubber tyres

HxWxD = 990x1100x720mm

Equipment:

1 CEE-socket 125A 5p 400V

2 CEE-sockets 63A 5p 400V

2 CEE-sockets 32A 5p 400V

2 CEE-sockets 16A 5p 400V

6 sockets (DIN 49440) 16A 240V

1 power switch 125A with RCD

2 Minized 63A 3p 2 Fi 63/4/0,03A on CEE-Dosen 63A

2 LS 32A 3p-C 1 Fi 63/4/0,03A on CEE-Dosen 32A

2 LS 16A 3p-C 1 Fi 63/4/0,03A on CEE-Dosen 16A

6 LS16A 1p-C 2 Fi 40/4/0,03A back-up fuse in the form of a RCD earthed contact socket

1 Multimeter

5 Powerlock 400A



Universal racks and power column stands

Universal rack

- solid welded frame, with ergonomic handle
- hinged reel
- mounting holes predrilled for individual distribution boxes for self-installation
- prepared for different sizes of distribution boxes series ANIF, FURT, LOFER, SALZBURG, GREIN, MURAU and SCHWAZ

598053



Column stand 1200mm

- made of hot-galvanized sheet steel with base mounting plate
- square column 80x80mm, base plate 400x400mm (construction in stainless steel on request)

- prepared for distribution box series SALZBURG
- **WxHxD = 400x1206x243mm**

410726



- prepared for distribution box series BRUCK
- **WxHxD = 500x1206x243mm**

410725

Protective roof stainless steel

- Version in 2mm stainless steel V2A quality

- Protective roof series ZAMS
- for distribution boxes series ZAMS **only with wall holders**
- WxHxD = 412x587x250mm

40799001

- Protective roof series SALZBURG
- for distribution boxes series SALZBURG **only with wall holders**
- WxHxD = 318x422x250mm

40799002

- Protective roof series BRUCK
- for distribution boxes series Bruck **only with wall holders**
- WxHxD = 390x422x250mm

40799003



Power column stand Typ 340

410998

- made of stainless steel sheet metal with base mounting plate
- **HxWxD = 1100x340x260mm**
- for distribution boxes up to WxH = 320x520mm
- finished in stainless sheet steel, powder-coated in RAL 2011 (orange) on request



Mobile thermoplastic distribution boxes are suitable for **indoor and outdoor areas**. The boxes are available in **different sizes and designs**.
Protection degree: IP44, IP54 and IP66/67

The massive and high-quality **enclosure made from PC/ABS** tested and certified according to IEC/EN 62208* provides a wide range of **positive features**. Such as high impact resistance and notched bar impact strength, high thermal stability, dielectric strength, weather, UV and wear resistance, good insulation properties, and resistance against many chemicals. The material used is free from cadmium, red phosphor and halogens (fluorine, chlorine, bromine, iodine and astatine).

Mobile thermoplastic distribution boxes are well suited for all applications. Especially in those areas that depend on high-quality, a robust enclosure and total reliability, such as in industry, trade, workshops, agriculture, household, public buildings, leisure, sport, marinas, camping, etc.

Adjusted to your needs we put together individually tailored and **optimally equipped wall distribution boxes**.



MOBILE DISTRIBUTION BOXES

thermoplastic

Thermoplastic distribution boxes – mobile



Page

Anif4

Dimensions: HxWxD = 320x222x114mm

290



Murau / Schwaz / Lofer 4

Dimensions: HxWxD = 255x204x114mm

290



Horn

Dimensions: HxWxD = 263x246x75mm

291



Ischl

Dimensions: HxWxD = 200x300x200mm

292



Imst

Dimensions: HxWxD = 200x197x197mm

294



Pegasus

Dimensions: HxWxD = 230x140x140mm

296



St. Anton Compact distribution boxes

298



T-Box

302

M-Box

303



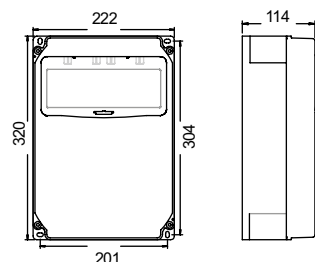
Thermoplastic insulated distribution boxes – mobile

Series ANIF4 / MURAU / SCHWAZ / LOFER4



Series ANIF4

- **Socket outlet combination acc. EN 61439**
- Compact design
- Material: PC/ABS
- **Dimensions: HxWxD = 320x222x114 mm**
- 10 modules
- Ready wired for connection
- **IP54** splashproof
- for assembly plants, electricians, ...



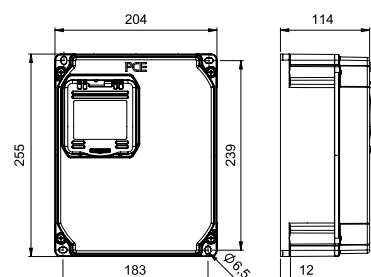
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4		2 x MCB 16A 3p-C 4 x MCB 16A 1p-B	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V Portable frame	InA 32A RDF 0,7	9134124
		1	1	4		1 x MCB 16A 3p-C 4 x MCB 16A 1p-B	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V Carrying handle	InA 32A RDF 0,7	9134532
		1	1	4	1 x RCD 63A/4/0,03A (TYPE A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-B	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V Carrying handle	InA 32A RDF 0,8	9134518



Series MURAU/SCHWAZ/LOFER4

- **Socket outlet combination acc. EN 61439**
- Compact design
- Material: PC/ABS
- **Dimensions: HxWxD = 255x204x114 mm**
- 4 modules (MURAU)
- without window (SCHWAZ/LOFER4)
- Ready wired for connection
- **IP54** splashproof
- for assembly plants, electricians, ...



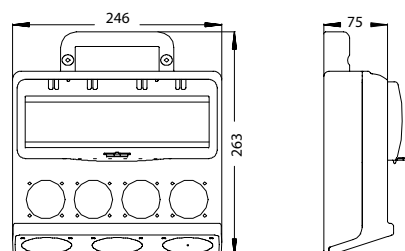
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	3	1 x RCD 40A/4/0,03A (TYPE A 25AT)		2m cable H07RN-F 5G1,5 with CEE-plug 16A 5p 400V Carrying handle and stand	InA 16A RDF 0,8	9013022
			2	4			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V Carrying handle and stand	VS max. 16A	9014010
				6			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V Carrying handle	VS max. 16A	9017050
			4				2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V Carrying handle	VS max. 16A	9017115

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

Thermoplastic insulated distribution boxes – mobile Series HORN

Series HORN

- **Socket outlet combination acc. EN 61439**
- Compact design / incl. carrying handle
- Material: PC/ABS
- **Dimensions: HxWxD = 263x246x75mm**
- Up to 12 modules behind window
- For wall assembly (4 fixing holes) also possible
- Ready wired for connection
- **IP54** splashproof
- for assembly plants, construction sites, agriculture, electricians, ...



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4	1 x RCD 63A/4/0,03A (TYPE A 40AT)	2 x MCB 16A 3p-C 2 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,7	9004001-p
			2	4		2 x MCB 16A 1p-C	1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 0,8	9004004-p
			2	4	1 x RCD 40A/4/0,03A (TYPE A 25AT)		1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 0,6	9004006-p
		1	1	4	1 x RCD 63A/4/0,03A (TYPE A 40AT)	1 x MCB 16A 3p-C 4 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,6	9004002-p
		1	1	4	1 x RCD 63A/4/0,03A (TYPE A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,7	9004012-p

Accessoires:

Support stand with screws

900404

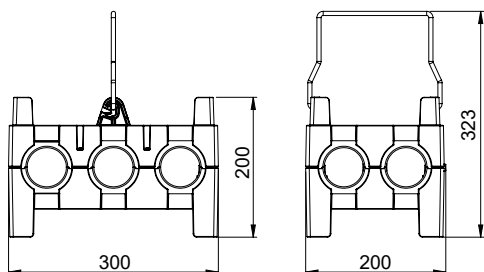


Thermoplastic insulated distribution boxes – mobile Series ISCHL



Series ISCHL

- **Socket outlet combination acc. EN 61439**
- Handy, robust, mobile distribution box made of shock-resistant polyamide
- **Dimensions: HxWxD = 200x300x200 mm**
- Maximum rated current of 32A
- Up to 10 sockets (inlet plug + 8 sockets or cable with plug + 9 sockets)
- Up to 13 modules under window
- With carrying-handle made of high-grade steel
- With take-up device for the connecting cable
- Stackable
- Housing color: black
- Ready wired for connection
- **IP44 splashproof**



Layout examples: (other combinations on request!)

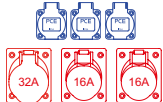
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4	1 x RCD 40A/4/0.03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	InA 16A RDF 0,7	9130074
			2	4	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with plug 32A 5p 400V	InA 32A RDF 0,8	9130012
			2	6	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with plug 32A 5p 400V	InA 32A RDF 0,7	9130154
			3	6			2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	VS max. 16A	9130005
			3	6	1 x RCD 40A/4/0.03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	InA 16A RDF 0,6	9130006

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

...available on stock!

Thermoplastic insulated distribution boxes – mobile Series ISCHL

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	2	3	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with plug 32A 5p 400V	InA 32A RDF 0,7	9130080
		1	2	4	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,7	9130374
		1	2	6	1 x RCD 63A/4/0.03A (TYPE A 40AT)	2 x MCB 16A 3p-C 3 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with plug 32A 5p 400V	InA 32A RDF 0,6	9130008 
		2	1	6	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with plug 32A 5p 400V	InA 32A RDF 0,5	9130007

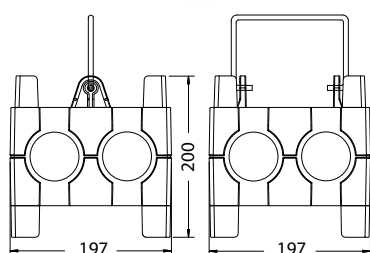
InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse



- space-saving storage
- boxes are stackable

Thermoplastic insulated distribution boxes – mobile

Series IMST



Series IMST

- **Socket outlet combination acc. EN 61439**
- Handy, robust, mobile distribution box made of shock-resistant polyamide
- **Dimensions: HxWxD = 200x197x197 mm**
- With carrying-handle made of high-grade steel
- Maximum rated current of 32A
- Up to 7 sockets
- 8 modules under window
- Ready wired for connection
- For distributing electricity to powered equipment or lighting systems on building sites
- Ideal for craft business, the building trades, farmers, etc.
- Housing colors: black or red
- Stackable, with take-up device for the connecting cable
- **IP44 splashproof**

Layout examples: (other combinations on request!)

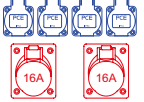
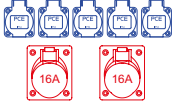
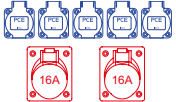
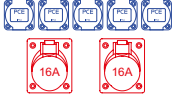
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	1	2	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,8	9030109
			2	2		2 x MCB 16A 3p-C 2 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,8	9030119
			2	2		2 x MCB 16A 3p-C 2 x MCB 16A 1p-C	2m cable H07RN-F 5G4 with plug 32A 5p 400V	InA 32A RDF 0,8	9030129
		1	1	3	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	2m cable H07RN-F 5G4 with plug 32A 5p 400V	InA 32A RDF 0,5	9030117
			2	4			1 x CEE-flanged plug 16A 5p 400V	VS max. 16A	9030010
			2	4	1 x RCD 40A/4/0.03A (TYPE A 25AT)		1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 0,7	9030014

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

...available on stock!

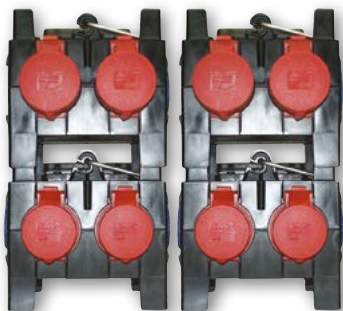
Thermoplastic insulated distribution boxes – mobile Series IMST

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4	1 x RCD 40A/4/0.03A (TYPE A 25AT)	2 x MCB 16A 1p-C	1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 0,8	9030206
			2	5			2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	VS max. 16A	9030020 
			2	5	1 x RCD 40A/4/0.03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	InA 16A RDF 0,7	9030004
			2	5	1 x RCD 40A/4/0.03A (TYPE A 25AT)	2 x MCB 16A 1p-C	2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	InA 16A RDF 0,7	9030204 
				7			2m cable H07RN-F 3G2,5 with solid rubber safety plug	VS max. 16A	9030030
				7	1 x RCD 25A/2/0.03A (TYPE A 25AT)		2m cable H07RN-F 3G2,5 with solid rubber safety plug	InA 16A RDF 0,7	9030040

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

 ...available on stock!



- space-saving storage -
boxes are stackable



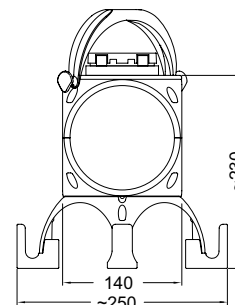
Thermoplastic insulated distribution boxes – mobile

Series PEGASUS



Series PEGASUS

- **Socket outlet combination acc. EN 61439**
- Handy, robust, mobile distribution box made of shock-resistant polyamide
- **Dimensions: HxWxD = 230x140x140 mm**
- Maximum rated current of 32A
- Max. 6 mounting surfaces
- 4 modules under window
- With plastic carrying handle
- Anti-tilt bracket as standard with 4 rubber stoppers, can also be use to coil cables
- Ready wired for connection
- Housing colors: red (standard), yellow (special version)
- Suitable for construction sites, workshops, agriculture, domestic, industrial, commercial and for event
- **IP44 splashproof**



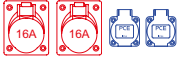
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		SS 250V	Protection		Connection	InA RDF	Cat.No.
	32A	16A		RCD	MCB			
		2	2			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max. 16A	9034003
		1	3			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max. 16A	9034004
			4			2m cable H07RN-F 5G2,5 CEE-with plug 16A 5p 400V	VS max. 16A	9034006
			4			2m cable H07RN-F 3G2,5 with safety plug (solid rubber) 16A 2p+PE 230V	VS max. 16A	9034007
			6			1 x CEE-flanged plug 16A 5p 400V	VS max. 16A	9034011
			8			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max. 16A	9034005
		3				1 x CEE-flanged plug 16A 5p 400V	VS max. 16A	9034009
		4				2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max. 16A	9034002
	4					2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V	VS max. 32A	9034001

VS = backup fuse

Thermoplastic insulated distribution boxes – mobile Series PEGASUS

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		SS 250V	Protection		Connection	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
	1	1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V	InA 32A RDF 0,8	9034030
		2	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V	InA 32A RDF 0,8	9034031
		1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V	InA 32A RDF 0,8	9034032
			6		3 x MCB 16A 1p-C	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V	InA 32A RDF 0,9	9034033
	2			1 x RCD 63A/4/0.03A (TYPE A 40AT)		2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V	VS max.32A	9034050
		1	3	1 x RCD 40A/4/0.03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 CEE-with plug 16A 5p 400V	InA 16A RDF 0,5	9034052
			6	1 x RCD 40A/4/0.03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 CEE-with plug 16A 5p 400V	InA 16A RDF 0,7	9034053
			3	1 x RCD 25A/2/0.03A (TYPE A 25AT)		2m cable H07RN-F 3G2.5 with safety plug (solid rubber) 16A 2p+PE 230V	VS max. 16A	9034055

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse



Compact distribution boxes

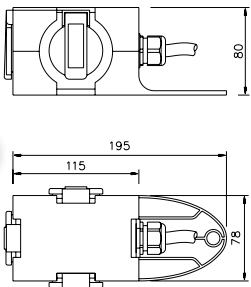
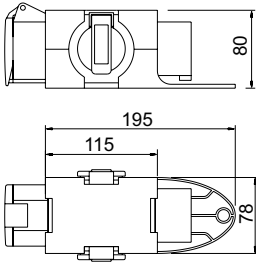
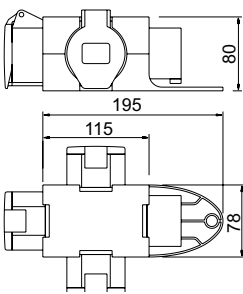
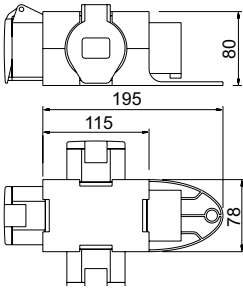
Series ST. ANTON

PCE compact distribution boxes are designed to be safe, reliable and easy-to-use.

Every product has been manufactured to the highest quality standards (ISO 9001) and is available tailor made in size and equipment to your individual specification.

The wide variety of product features guarantees maximum flexibility in use.

- compact shape made of shock-resistant polyamide
- space saving storage- ergonomic design
- with shackle (optional: without shackle)
- ready wired for connection
- **IP44** splashproof
- well adapted for industry.

Symbolic picture	Entry	Outlet	Cat.No.
 	M20 cable gland without cable	3 x safety sockets 16A 250V with self-closing lid 	9430406
	1,5m H07RN-F 3G1,5 with safety plug (rubber) 16A 250V		9430409 
	1,5m H07RN-F 5G1,5 with CEE-plug 16A 5p 400V		9430429 
	1 x CEE-flanged plug 16A 5p 400V		9430412 
Symbolic picture	Entry	Outlet	Cat.No.
 	1 x CEE-flanged plug 16A 5p 400V	1 x CEE-socket 16A 5p 400V 2 x safety sockets 16A 250V with self-closing lid 	9430402 
	1 x CEE-phase inverter flanged plug 16A 5p 400V		9430452 
	1,5m H07RN-F 5G1,5 with CEE-plug 16A 5p 400V		9430715
	1,5m H07RN-F 5G1,5 with CEE-phase inverter plug 16A 5p 400V		9430719
Symbolic picture	Entry	Outlet	Cat.No.
 	1 x CEE-flanged plug 16A 5p 400V	3 x CEE-sockets 16A 5p 400V 	9430411 
	1 x CEE-phase inverter flanged plug 16A 5p 400V		9430453
	1,5m H07RN-F 5G1,5 with CEE-plug 16A 5p 400V		9430718 
	1,5m H07RN-F 5G1,5 with CEE-phase inverter plug 16A 5p 400V		9430721
Symbolic picture	Entry	Outlet	Cat.No.
 	1 x CEE-flanged plug 16A 3p 230V	3 x CEE-sockets 16A 3p 230V	9430401
	1,5m H07RN-F 3G1,5 with CEE-plug 16A 3p 230V		9430155
	1,5m H07RN-F 3G1,5 with CEE-plug 16A 3p 230V	2 x CEE-sockets 16A 3p 230V 1 x safety socket 16A 250V	9430455
	1,5m H07RN-F 5G1,5 with CEE-plug 16A 5p 400V	3 x CEE-sockets 16A 3p 230V	9430439

 ...available on stock!

Compact distribution boxes

Series ST. ANTON

Symbolic picture	Entry	Outlet	Cat.No.
	1 x CEE-flanged plug 16A 3p 4h 110V	3 x CEE-sockets 16A 3p 4h 110V	9430301*
	1 x CEE-flanged plug 32A 3p 4h 110V	3 x CEE-sockets 32A 3p 4h 110V	9437560*
Symbolic picture	Entry	Outlet	Cat.No.
	1 x CEE-flanged plug 16A 4p 6h 400V	3 x CEE-sockets 16A 4p 6h 400V	9430311*
	1 x CEE-flanged plug 16A 5p 6h 400V	1 x CEE-socket 16A 4p 6h 400V 2 x safety socket 16A 250V (French/Belgian)	9430050*
	1,5m H07RN-F 4G1,5 with CEE-plug 16A 4p 6h 400V	3 x CEE-sockets 16A 4p 6h 400V	9430343
	1,5m H07RN-F 4G1,5 with CEE-plug 16A 4p 9h 250V	3 x CEE-sockets 16A 4p 9h 250V	9430498
Symbolic picture	Entry	Outlet	Cat.No.
	1,5m H07RN-F 3G1,5 with safety plug (French/Belgian.) 250V	3 x safety socket 16A 250V (French/Belgian.)	9430479
	1 x CEE-flanged plug 16A 5p 6h 400V		9430478
	1 x CEE-flanged plug 16A 5p 6h 400V	1 x CEE-socket 16A 5p 6h 400V 2 x safety socket 16A 250V (French/Belgian.)	9430477
	1,5m H07RN-F 5G1,5 with CEE-plug 16A 5p 6h 400V		9430476
Symbolic picture	Entry	Outlet	Cat.No.
	1,5m H07RN-F 2 x 2,5 with plug 16A 2p 24V	3 x extra low voltage sockets 16A 2p 24V	9430024
	1,5m H07RN-F 2 x 2,5 with plug 16A 2p 42V	3 x extra low voltage 16A 2p 42V	9430350
Symbolic picture	Entry	Outlet	Cat.No.
	1,5m H07RN-F 5G4 with CEE-plug 32A 5p 6h 400V	3 x CEE-sockets 32A 5p 6h 400V	9437113 
	1 CEE-flanged plug 32A 5p 6h 400V		9437413 
	1,5m H07RN-F 5G4 with CEE-phase inverter plug 400V		9437114
	1 CEE-flanged plug phase inverter 32A 5p 400V		9437454
St. Anton 4f			

* Export version (not allowed in Austria and Germany!)

 ...available on stock!



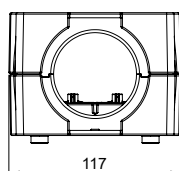
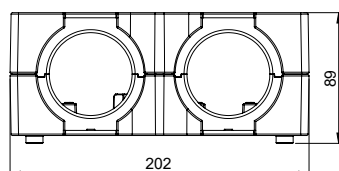
Compact distribution boxes

Series ST. ANTON 6F

Series ST. ANTON 6F



- **Socket outlet combination acc. EN 61439**
- Handy, robust, mobile distribution box made of shock-resistant polyamide
- **Dimensions: HxWxD = 89x202x117 mm**
- Maximum rated current of 32A
- Up to 6 sockets (flanged plug or cable + 5 sockets)
- 4 modules under window
- Optional: meter, timer or switches (e.g. emergency stop)
- Ready wired for connection
- Ideal for craft business, the building trades, farmers, etc.
- Housing color: black
- **IP44 splashproof**



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,8	9439002
			1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with plug 32A 5p 400V	InA 32A RDF 0,8	9439006
			1	2	1 x RCD 40A/4/0.03A (TYPE A 25AT)		1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 0,8	9439004
			1	2	1 x RCD 40A/4/0.03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	InA 16A RDF 0,8	9439007
			3		1 x RCD 40A/4/0.03A (TYPE A 25AT)		1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 0,8	9439003
		1	1	1		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,8	9439500
		3			1 x RCD 63A/4/0.03A (TYPE A 40AT)		2m cable H07RN-F 5G6 with plug 32A 5p 400V	InA 32A RDF 0,8	9439005
		3			1 x RCD 63A/4/0.03A (TYPE A 40AT)		1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,8	9439001

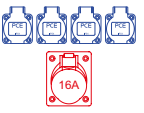
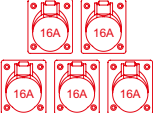
InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

...available on stock!

Compact distribution boxes

Series ST. ANTON 6F

Series ST. ANTON 6F - without protection

Layout	CEE 400V 5p			SS 250V	without protection / without modules		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A					
			1	4			1 x CEE-flanged plug 16A 5p 400V	VS max.16A	9438002 
			5				1 x CEE-flanged plug 16A 5p 400V	VS max.16A	9438001
		5					1 x CEE-flanged plug 32A 5p 400V	VS max.32A	9438413

Series ST. ANTON 6F - incl. electric meter

Layout	CEE 400V 5p			SS 250V	Protection / meter		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	meter			
				3		3x AC-meter 1p (counter)	2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	VS max.16A	9439010
				4	1 x RCD 25A/2/0.03A (TYPE A 25AT)	1x AC-meter 1p (counter)	1,5m cable H07RN-F 3G2,5 with safety plug 16A 230V	InA 16A RDF 1,0	9439015
			1			1x AC-meter 3p (counter)	2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	VS max.16A	9439009
		1				1x AC-meter 3p (counter)	2m cable H07RN-F 5G6 with plug 32A 5p 400V	VS max.32A	9439008

Series ST. ANTON 6F - incl. FI Typ MI (AC-DC sensitive)

trips at max. 6mA DC- specially for mobile installation to make sure prior residual current devices stay correct funtionally.

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1		1 x RCD 16A/4/0.03A (TYPE B SK 16AT)		1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 1,0	9439011
		1			1 x RCD 40A/4/0.03A (TYPE B SK 40AT)		1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,8	9439012

Series ST. ANTON 6F - with timer

Layout	CEE 400V 5p			SS 250V	Timer / Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	Timer	MCB			
 + time switch			1		1 x timer (digital) with contactor	1 x MCB 6A 1p-C	1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 1,0	9439013

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

 ...available on stock!

Thermoplastic insulated empty distribution box – wall mounting **Series T-BOX**



Series T-BOX 4

- **dimensions:** HxWxD = 215x141x110mm
- windows up to 4 modules
- IP65 watertight

1519004

pack.unit: 32



Series T-BOX 8

- **dimensions:** HxWxD = 215x235x110mm
- windows up to 8 modules
- IP65 watertight

1519008

pack.unit: 16



Series T-BOX 12

- **dimensions:** HxWxD = 215x307x110mm
- windows up to 12 modules
- IP65 watertight

1519012

pack.unit: 12



Series T-BOX 26

- **dimensions:** HxWxD = 409x307x150mm
- windows up to 26 modules
- IP65 watertight

1519026

pack.unit: 5



Series T-BOX 42

- **dimensions:** HxWxD = 563x326x150mm
- windows up to 42 modules
- IP65 watertight

1519042

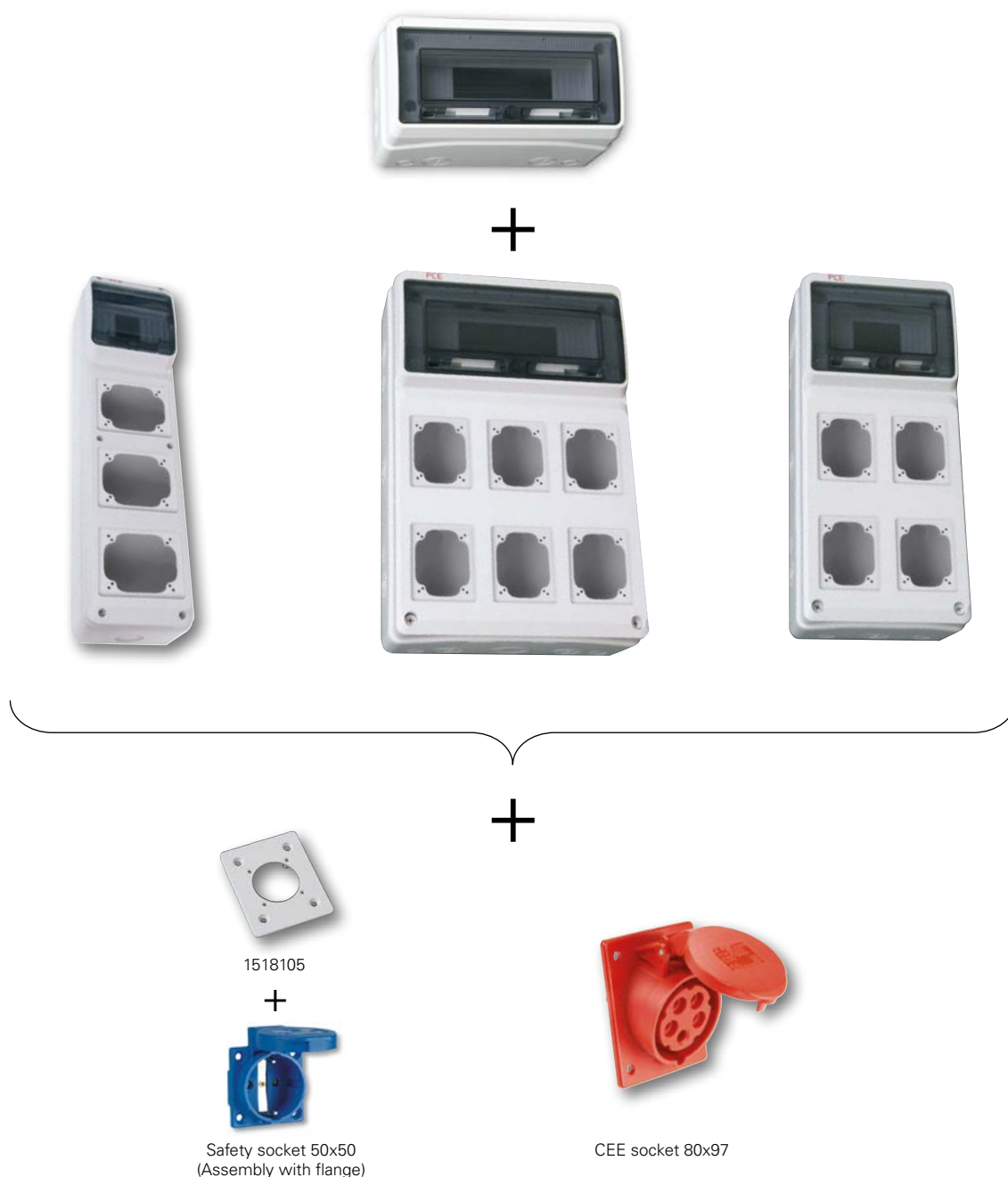
pack.unit: 4

Thermoplastic insulated empty distribution box – wall mounting **Series M-BOX**

■ **Series M-BOX:**

- high-quality thermoplastic material
- IP65 watertight
- window up to 6, 8 or 16 modules
- many combination possibilities of housings and sockets without mechanical use
- numerous equipment

■ **Example:**



Thermoplastic insulated empty distribution box – wall mounting **Series M-BOX**

■ ■ Included in every box:

- housing with window
- instruction manual
- screws for the mounting of the sockets
- 4 caps for wall fixing screws
- **IP65** (depending of the equipped sockets)

Series M-BOX 6S

- **dimensions:** HxWxD=490x125x107mm
- windows up to 6 modules
- 3 perforations only for PCE sockets
- without flange: for assembling sockets 16A 3p up to 32A 5p

For sockets and accessories see page 305!



symbolic picture

1518063

pack.unit: 18

Series M-BOX 6E

- **dimensions:** HxWxD=490x125x107mm
- windows up to 6 modules



1518062

pack.unit: 18

Series M-BOX 8S

- **dimensions:** HxWxD=506x230x150mm
- windows up to 8 modules
- 4 perforations only for PCE sockets
- without flange: for assembling sockets 16A 3p up to 32A 5p

For sockets and accessories see page 305!



symbolic picture

1518083

pack.unit: 6

Series M-BOX 8E

- **dimensions:** HxWxD=506x230x150mm
- windows up to 8 modules



1518082

pack.unit: 6

Series M-BOX 16S

- **dimensions:** HxWxD=506x330x150mm
- windows up to 16 modules
- 6 perforations only for PCE sockets
- without flange: for assembling sockets 16A 3p up to 32A 5p

For sockets and accessories see page 305!



symbolic picture

1518133

pack.unit: 4

Series M-BOX 16E

- **dimensions:** HxWxD=506x330x150mm
- windows up to 16 modules



1518132

pack.unit: 4

Thermoplastic insulated empty distribution box – wall mounting **Series M-BOX**

	16A 3p=6h 230V~	16A 4p=6h 400V~	16A 5p=6h 400V~	32A 3p=6h 230V~	32A 4p=6h 400V~	32A 5p=6h 400V~
	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
IP44	413-6f8	414-6f8	415-6	423-6	424-6	425-6
IP67	4132-6f8	4142-6f8	4152-6f78	4232-6f78	4242-6f78	4252-6f78

Technical details and other clock positions see page 88-89



80x97

	Cat.No.	Cat.No.
rear connection	Austrian/ German system 1050-0b	French/ Belgian system 1040-0b
side connection	1050-0bs	1040-0bs

Other versions see page 158 to 173!



Series M-BOX 13WH

- **dimensions:**
WxHxD=180x330x150mm
- windows up to 13 modules (6 units are blinded)

1518134
pack.unit: 12



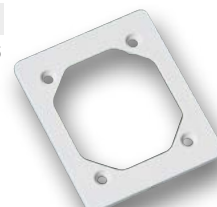
Blind flange

1518000
pack.unit: 6



Flange for sockets 70x85

1518413
pack.unit: 6



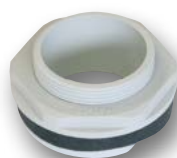
Flange for safety sockets 50x50

1518105
pack.unit: 6



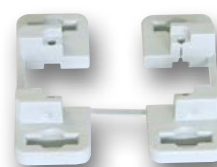
Connecting device M40, IP65

1518010
pack.unit: 10



Wall fixing center

1518020
pack.unit: 10



Metal lock for window

1518030
pack.unit: 1



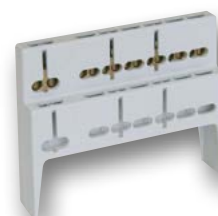
Terminal block 14p

1518040
pack.unit: 1



Terminal block 14p incl. holder (for input of a second terminal block)

1518045
pack.unit: 1





DISTRIBUTION BOXES WITH SUSPENSION HOOK
made of thermoplastic and solid rubber

Distribution boxes with suspension hook



Pegasus

Dimensions: HxWxD = 220x140x140mm

Page

308



Freistadt

Dimensions: HxWxD = 129x129x120mm

310



e-bike DOCKING STATION

311



PILA¹ Energy pillars

312



Vario Connector

variable connector block

316



Hinged windows

fuse windows IP54 and IP66/67

320



MOSER Systemelektrik

Garden- and gate intercom columns, office and industrial supply columns, stainless steel distributors, energy bollards, underground connection

322

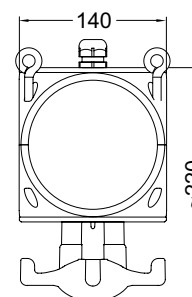


Thermoplastic insulated distribution boxes – with suspension hook **Series PEGASUS**



Series PEGASUS

- Handy, robust and compact distribution box made of shock-resistant polyamide
- **Dimensions: HxWxD = 220x140x140 mm**
- With 4 ring bolts for ceiling fastening
- Maximum rated current of 32A
- Max. 6 mounting surfaces
- 4 modules under window
- Ready wired for connection
- Housing colors: red (standard), yellow (special version)
- With ergonomic anchor handle on the bottom of the housing
- **IP44** splashproof

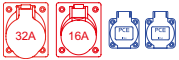
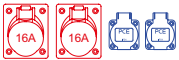


Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		SS 250V	without protection		Connection	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
	1	1	2			1 x M32 (ø18-25mm) top 1 x M25 (ø13-18mm) top 2 x VC-terminal 5p	max. 16A max. 32A	9033002
		2	2			1 x M25 (ø13-18mm) top 1 x M20 (ø10-14mm) top 1 x VC-terminal 5p 1 x VC-terminal 3p	max. 16A	9033004
		1	3			1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	max. 16A	9033005
			4			1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	max. 16A	9033007
			4			1 x M20 (ø10-14mm) top 1 x VC-terminal 3p	max. 16A	9033008
			8			1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	max. 16A	9033006
	2	2				1 x M32 (ø18-25mm) top 1 x M25 (ø13-18mm) top 2 x VC-terminal 5p	max. 16A max. 32A	9033001
		4				1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	max. 16A	9033003
with data socket								
		1	2			1 x M25 (ø13-18mm) top 1 x M20 (ø6-12mm) top 1 x VC-terminal 5p 1 x CAT6 RJ45 double	max. 16A	9033156
			3			1 x M20 (ø10-14mm) top 1 x M16 (ø5-10mm) top 1 x VC-terminal 3p 1 x CAT6 RJ45 double	max. 16A	9033012

VS = backup fuse

...available on stock!

Layout	CEE 400V 5p		SS 250V	with protection		Connection	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
	1	1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x M32 (ø18-25mm) top 1 x VC-terminal 5p	InA 32A RDF 0,8	9033030
		2	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x M32 (ø18-25mm) top 1 x VC-terminal 5p	InA 32A RDF 0,8	9033031
		1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x M32 (ø18-25mm) top 1 x VC-terminal 5p	InA 32A RDF 0,8	9033032
		2	2	1 x RCD 40A/4/0.03A (TYPE A 25AT)		1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	InA 16A RDF 0,9	9033050
		1	3	1 x RCD 40A/4/0.03A (TYPE A 25AT)		1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	InA 16A RDF 0,5	9033051
			3	1 x RCD 40A/4/0.03A (TYPE A 25AT)		1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	VS max. 16A	9033052
			3	1 x RCD 25A/2/0.03A (TYPE A 25AT)		1 x M20 (ø10-14mm) top 1 x VC-terminal 3p	InA 16A RDF 0,8	9033053
distribution boxes with compressed air								
		1	3			1 x M25 (ø13-18mm) top 1 x VC-terminal 5p 1 x compressed air double, size 7,2mm	VS max. 16A	9033071
			4			1 x M20 (ø10-14mm) top 1 x VC-terminal 3p 1 x compressed air double, size 7,2mm	VS max. 16A	9033073



9033031



9033073



Accessories for suspended version:

- Pegasus suspension kit (4x)
- L=300mm

9033-1

Solid rubber distribution boxes – with suspension hook **Series FREISTADT**



Series FREISTADT

- Robust distribution box solid rubber- hanging version
- **Dimensions: HxWxD = 129x129x100 mm**
- With 2 eye screws
- Hook handle (plastic) on the bottom
- Max. rated current 16A
- Ready wired for connection
- for industry, craft business, the building trades, farmers, etc.
- **IP54**

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		SS 250V	Protection		Connection	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
		1	3			1 x M20 (ø10-14mm) top 1 x VC-terminal 5p	max.16A	9848251
		2	2			1 x M20 (ø10-14mm) top 1 x VC-terminal 5p	max.16A	9848250
			4			1 x M20 (ø10-14mm) top 1 x VC-terminal 3p	max.16A	9848263

e-bike DOCKING STATION

■ Wall mounting distribution box and energy pillar from PCE as comfortable e-Bike docking station for additional safety!

2 or 3 safety sockets 250V/16A
Protection RCBO (6A) combination per socket outlet
Switchgear built in under impact resistant window
IP-rating: **IP54**



Series **MURAU**
Dimensions (WxDxH):
204x114x255mm



Series **ANIF4**
Dimensions (WxDxH):
222x114x320mm

- Housing made of high durable PC/ABS, compact design
- safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable
- all outer metal parts made out of stainless steel, captive screws
- ready wired on main connecting terminal

Energy pillar **PILA**
Dimensions (WxDxH): 65x85x1200mm

- steel sheet construction powder coated RAL 7016, front plate removable
- protection class II due to rubber distribution box inside (EPS-System)
- stable base (WxD 250x150mm)
- pillar ready wired on main terminal (connection from below)



Series	Layout	SS 250V	Protection		Connection	InA RDF	Cat.No.
		16A	RCD	MCB			
MURAU		2	2x RCBO 6A 1p+N 30mA C TYP A		1 x M20 (top) 1 x M20 (blind cap) bottom	InA 16A RDF 0,8	9013024
ANIF4		3	3x RCBO 6A 1p+N 30mA C TYP A		1 x M20 (top) 1 x M20 (blind cap) bottom	InA 16A RDF 0,7	9134248
PILA		3	3x RCBO 6A 1p+N 30mA C TYP A		1 x M25 (ø13-18mm) bottom	InA 16A RDF 0,8	9081020





Energy pillars made out of metal

PILA¹ Energy pillars

■ Energy pillars, made out of metal with integrated, closed distribution boxes and protection class II

■ Fields of application

- Industry and commerce
- Public places, parks, event locations
- Industrial buildings and halls
- Camping sites and marina
- and many more ...

■ Advantages

- Metal construction (stable, long lasting, robust)
- Simple mounting and installation
- **EPS** ENCLOSURE PROTECTION SYSTEM – electrical components are perfectly protected in a closed distribution box!
- Individual configuration (power, network, compressed air, water,...)
- Pillar ready wired and tested.
-  protection class II
- Ingress protection: IP54



Certified steel pillars acc. EN 61439-7. Low-voltage switchgear and controlgear assemblies for specific applications such as marinas, camping sites, market squares and electrical vehicles charging stations.



PILA¹ Energy pillars – steel sheet metal

■ Pillar: Steel sheet powder coated

- Steel sheet construction powder coated
- Front plate removable, anodized aluminium
- Individual configuration

Technical data pillar:

- Dimensions: (H x W x D) 750/1200 x 165 x 85 mm
- Stand: 250 x 150 mm
- Color: Housing grey (RAL 7016 powder coated)
Top cover red (RAL 3000 powder coated)
Front plate: aluminium silver anodized

Technical data distribution box (integrated):

- Rubber distribution box
- Ready wired on main terminal
- Fuse window self closing
-  protection class II
- Ingress protection: IP54 (others in request)



Height: H = 1210mm



9081002



9081003



9081020

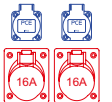
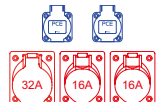
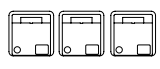
Height: H = 750mm



9081802

9081001

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		CEE 230V 3p	SS 250V	Protection		Connection	VS InA RDF	Cat.No.
	32A	16A		16A	RCD	MCB			
		2		2	1 x RCD 40A/4/0.03A (TYP A 25AT)		1 x M25 (ø13-18mm) bottom	InA 16A RDF 0,7	9081001
	1	2		2	1 x RCD 63A/4/0.03A (TYP A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-C	1 x M32 (ø18-25mm) bottom	InA 32A RDF 0,5	9081002
			3		3 x RCBO 16A 1p+N 0,03A C		1 x M25 (ø13-18mm) bottom	VS max.16A	9081003
				3	3 x RCBO 6A 1p+N 0,03A C TYP A		e-Bike Dockingstation 3 x sockets (green) 1 x M25 (ø13-18mm) bottom	InA 16A RDF 0,8	9081020
		1		2			1 x M25 (ø13-18mm) bottom design socket, lockable	VS max.16A	9081802

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

PILA¹ Energy pillars

■ Pillar: Stainless steel or sheet metal powder coated

- Pillar made out of V2A stainless steel or steel sheet powder coated
- Individual heights possible

Technical data pillar:

- Dimensions: (H x W x D) 1200 x 248 x 107 mm
- Stand fixing center: 330 x 295 mm
- Other versions on request

Technical data distribution box (integrated):

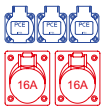
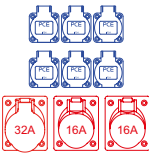
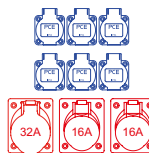
- Rubber distribution box
- Ready wired on main terminal
- Fuse window self closing
-  protection class II
- Ingress protection: IP54 (others in request)

EPS
ENCLOSURE
PROTECTION
SYSTEM
IP54

Height: H= 1200mm



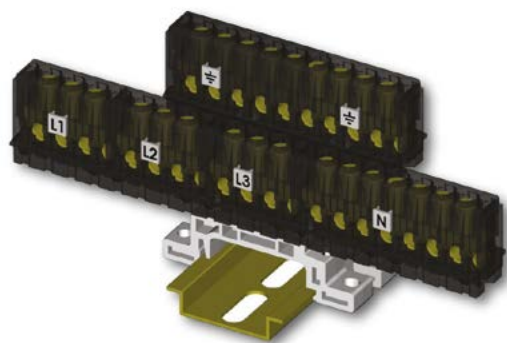
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		SS 250V	Protection		Connection	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
		2	3	1 x RCD 40A/4/0.03A (TYP A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	1 x M32 (ø18-25mm) bottom Column made out of steel sheet metal, powder coated (RAL 7016)	InA 25A RDF 0,7	9082002
	1	2	6	1 x RCD 63A/4/0.03A (TYP A 63AT)	1 x MCB 32A 3p-C 2 x MCB 16A 3p-C 6 x MCB 16A 1p-C	1 x M32 (ø18-25mm) bottom Column made out of steel sheet metal, powder coated (RAL 7016)	InA 50A RDF 0,5	9082001
	1	2	6	1 x RCD 63A/4/0.03A (TYP A 63AT)	1 x MCB 32A 3p-C 2 x MCB 16A 3p-C 6 x MCB 16A 1p-C	1 x M32 (ø18-25mm) bottom Column made out of stainless steel V2A	InA 50A RDF 0,5	9082003

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse



Vario Connector – variable connector block

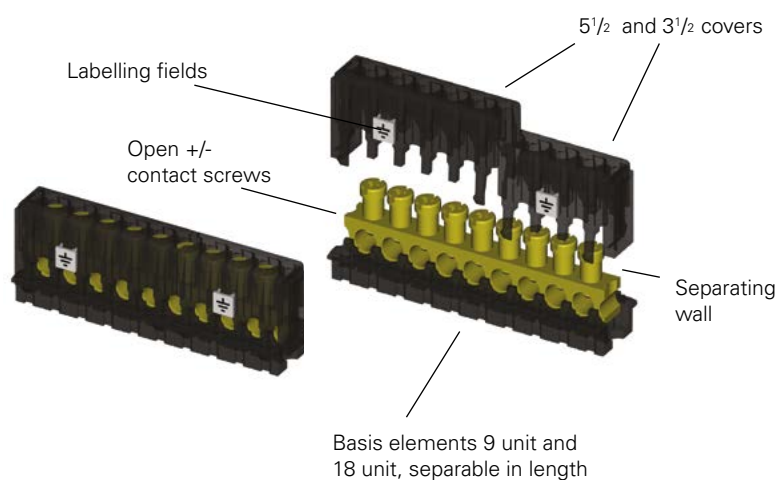


For use in distribution boxes and cabinets, applicable as connecting terminal and intermediate terminal.

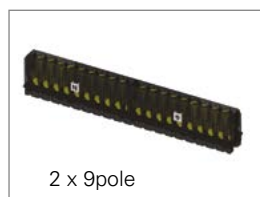
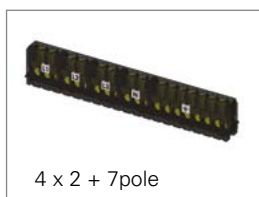
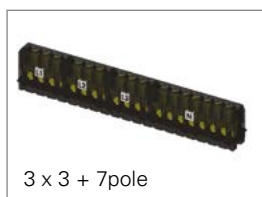
Advantages:

- modular construction
- connection of various potentials
- variable fixing possibilities
- EN 60998-2-1
- connection 1,5mm² to 10mm²
- isolation voltage 450V
- ambient temperature: T85/-25°C
- IP20

ÖVE

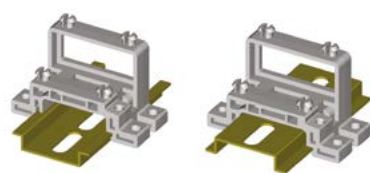


Examples of application:



Mounting possibilities:

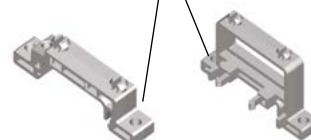
Receptors for DIN-rail 35mm
above or below



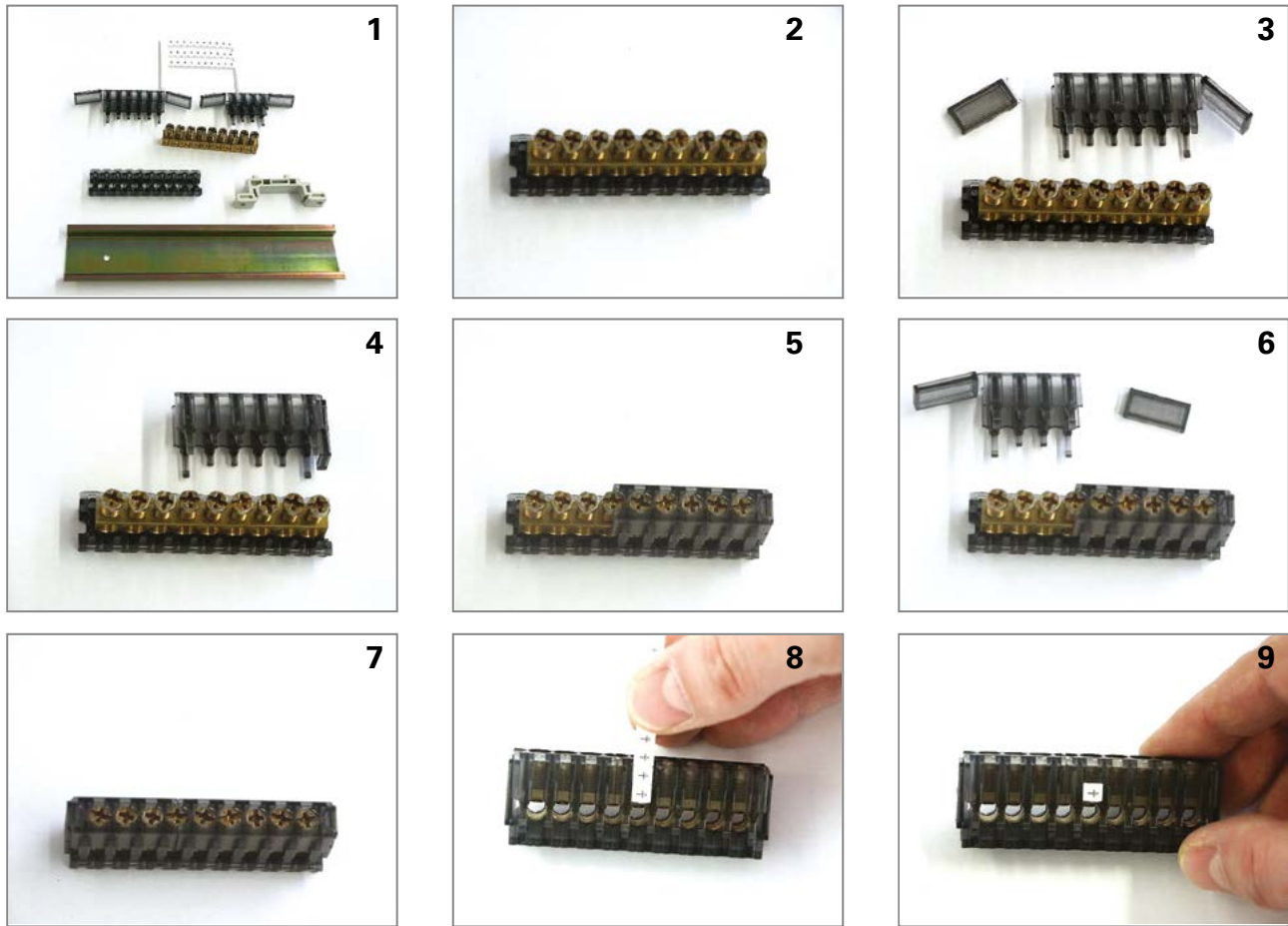
Cross- or length-wise assembly on DIN rail 35mm



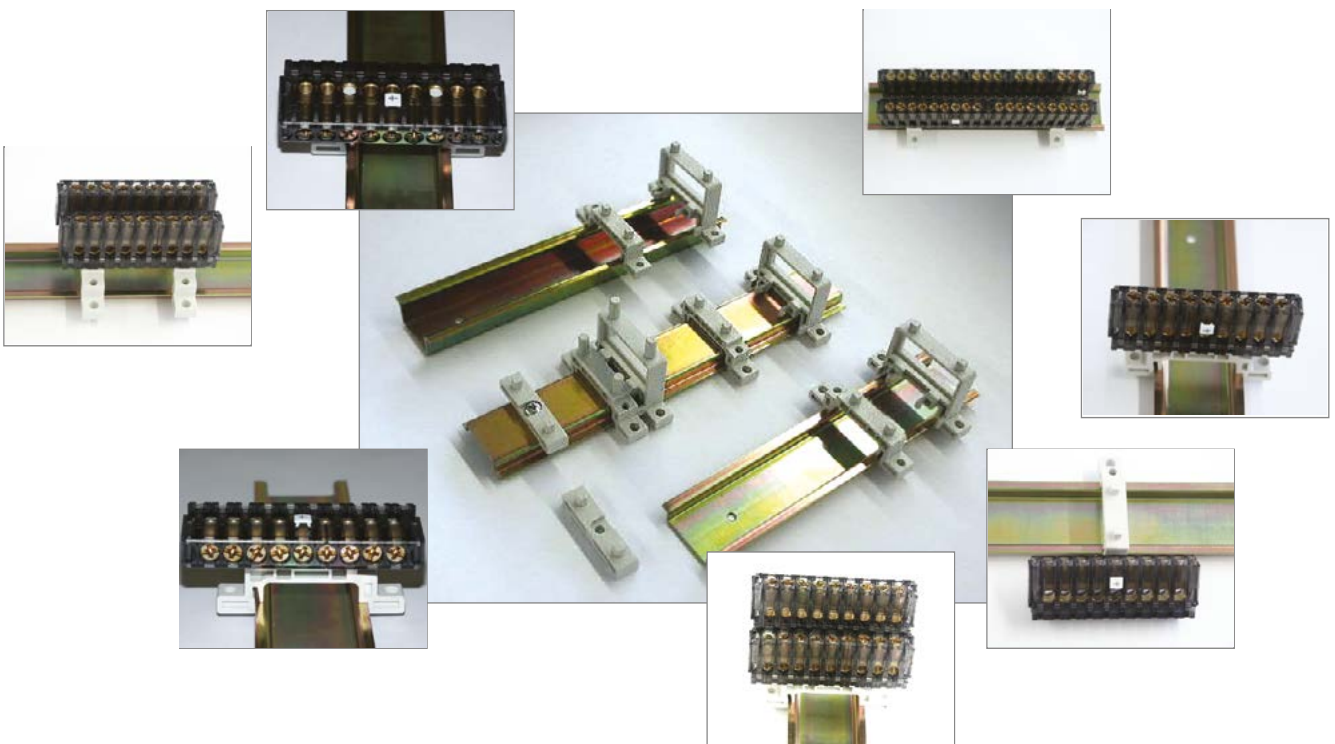
screwable



Vario Connector example with basis 9



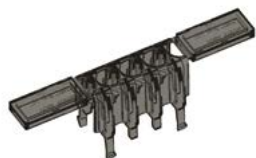
Vario Connector examples



Vario Connector parts overview

Cover

packaging unit: 50



Terminal VC Cover 3.5
667235-50



Terminal VC Cover 5.5
667255-50



Terminal VC Basis 9
667109-50



Terminal VC Basis 19
667119-50

Holder

packaging unit: 50



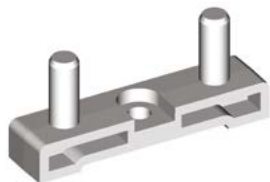
Terminal VC Holder Snap 7
667307-50



Terminal VC Holder Snap 16
667316-50
(screw 3,0x10) for DIN-rail
fixing **201803-1000**



Terminal VC Holder Snap 34
667334-50



Terminal VC Holder Pin 7
667407-50



Terminal VC Holder Pin 16
667416-50
(screw 3,0x10) for DIN-rail
fixing **201803-1000**



Terminal VC Holder Pin 34
667434-50

Bar Rail

packaging unit: 20



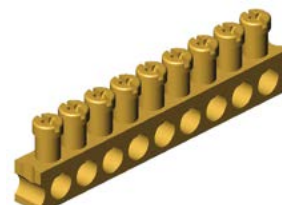
Terminal VC Bar Rail 2p
171402-20



Terminal VC Bar Rail 3p
171403-20



Terminal VC Bar Rail 6p
171406-20



Terminal VC Bar Rail 9p
171409-20

Dekafix

packaging unit: 500



Terminal Dekafix 5 neutral
0473361044-500



Terminal Dekafix 5 GS N
0132961034-500



Terminal Dekafix 5 GS
0157261203-500

Vario Connector complete

Complete terminal

packaging unit: 200



Terminal VC complete 1x3p
667109-1/3



Terminal VC complete 1x6p
667109-1/6



Terminal VC complete 1x9p
667109-1/9



Terminal VC complete 2x3p
667109-2/3



Terminal VC complete 3x2p
667109-3/2



Terminal VC complete 1x6p
667119-1/6



Terminal VC complete 2x6p
667119-2/6



Terminal VC complete 2x9p
667119-2/9



Terminal VC complete 3x2p
667119-3/2



Terminal VC complete 3x3p
667119-3/3



Terminal VC complete 5x2p
667119-5/2



Terminal VC complete 5x3p
667119-5/3



Hinged windows – fuse window IP66/67



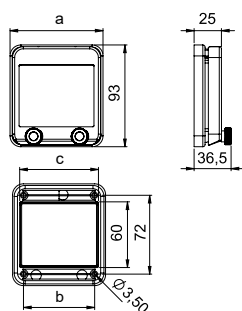
900613



900610s

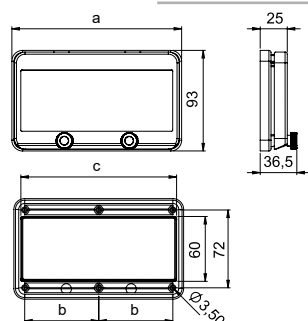
Technical characteristics:

- especially compact (robust) design, made of shock-resistant polycarbonate
- for **distributor's construction, O.E.M's, panel builders**, etc.
- sprung-loaded window with integrated knurled screws
- size of hinged window suitable for **2, 4, 5, 6, 8, 10, 13, 18 modules** (17,5mm each)
- mounting frame made of shock-resistant polycarbonate with integrated gasket for flange mounting
- all metal parts corrosion-resistant
- frame color: light grey
(for frame in black color please add „s“ e.g. 900610s)
- IP66/67 watertight



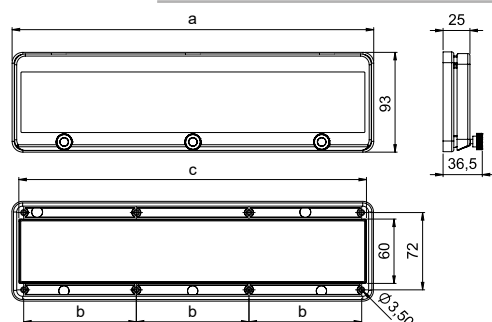
Hinged window 2 / 4 modules

	a [mm]	b [mm]	c [mm]	Weight [g]	pack.unit	Cat.No.
2 Modules	49	27	36	51	40	900602
4 Modules	85	65	72	80	20	900604



Hinged window 5 / 6 / 7 / 8 / 9 / 10 / 12 / 13 modules

	a [mm]	b [mm]	c [mm]	Weight [g]	pack.unit	Cat.No.
5 Modules	103	41,5	90	90	20	900605
6 Modules	121	50,5	108	102	15	900606
7 Modules	139	59,5	126	114	15	900607
8 Modules	157	68,5	144	126	15	900608
9 Modules	175	77,5	162	133	15	900609
10 Modules	193	86,5	180	145	15	900610
12 Modules	229	104,5	216	168	10	900612
13 Modules	247	113,5	234	180	10	900613

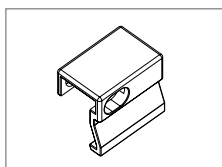


Hinged window 18 modules

	a [mm]	b [mm]	c [mm]	Weight [g]	pack.unit	Cat.No.
18 Modules	337	105	324	245	12	900618

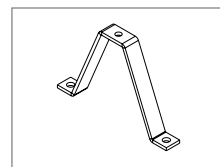
Accessories for IP66/67:

Locking- and lead-sealing device with padlock (40 mm)



ts9000g

Mounting clamp for DIN-rail H=53 mm



19892

Hinged windows – fuse window IP54

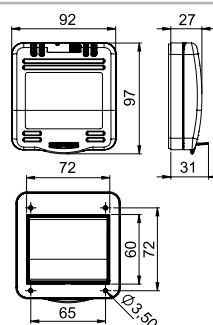
Technical data:

- especially compact (robust) design, made of shock-resistant polycarbonate
- for **distributor's construction, O.E.M's panel builders**, etc.
- self-closing window
- size of hinged window suitable for **4, 6, 8, 9, 10, 11, 12, 13, 14, 18 modules** (17,5mm each)
- bearing by means of double hinges
- **angle of vee > 180°**
- mounting frame made of shock-resistant polycarbonate with integrated gasket for flange mounting
- all metal parts corrosion-resistant
- transport and installation protection of the window with peel back foil
- integrated free position for lead seal, window holder included
- frame color: light grey
(for frame in black color please add „s“ e.g. 9006507s)
- Protection degree IP54 in vertical position
- Protection degree IP44 in horizontal position



Hinged window 4 modules

	Weight [g]	pack.unit	Cat.No.
4 Modules	97	30	9006504



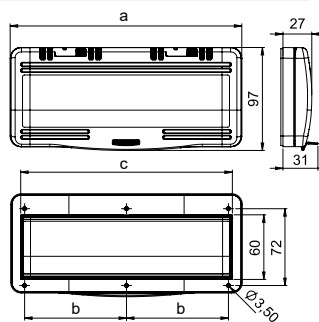
Delivery: incl. window holder (standard color: black)
Also possible to order separately



ti0007s

Hinged window 6 / 7 / 8 / 9 / 10 / 11 / 12 modules

	a [mm]	b [mm]	c [mm]	Weight [g]	pack.unit	Cat.No.
6 Modules	128	51	108	127	20	9006506
7 Modules	139	59,5	126	146	15	9006507
8 Modules	164	69	144	155	15	9006508
9 Modules	182	78	162	166	15	9006509
10 Modules	200	87	180	181	10	9006510
11 Modules	218	96	198	198	10	9006511
12 Modules	236	105	216	207	10	9006512



Examples of use for window holder:



for fit-up aid



receptacle- padlock



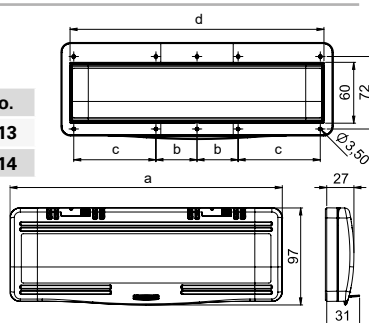
window holder for service works 90°



window holder for service works 180°

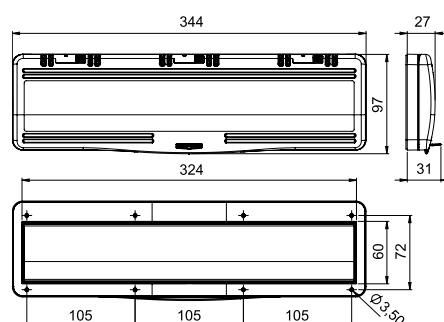
Hinged window 13 / 14 modules

	a [mm]	b [mm]	c [mm]	d [mm]	Weight [g]	pack.unit	Cat.No.
13 Modules	253	41	73	233	223	10	9006513
14 Modules	272	41	82	252	232	10	9006514



Hinged window 18 modules

	Weight [g]	pack.unit	Cat.No.
18 Modules	299	10	9006518



ti0207 window handle

MOSER SYSTEMELEKTRIK GMBH

Your partner for modern and sustainable connection technology in the range of indoor and outdoor

For more than 40 years MOSER Systemelektrik GmbH is one of the leading companies in the range of underground systems and connection columns. According to continuous redevelopments the product range has been extended and comprises nowadays a complete high quality program of connection technology from the workplace in the office to the industry.

From 1967 to 1975 MOSER Systemelektrik GmbH expanded its business field with electric installation and developed the first connection columns. In 1985 supply posts followed. This technique has been improved until 1988 so MOSER Systemelektrik GmbH could present, as the first company worldwide, its retractable connection technology, which is suitable for the urban use and also for applications in the aviation industry in an outstanding way.

From 2013 Moser Systemelektrik GmbH is a company of the PCE Group and organizationally attributed to the MERZ GMBH as a sub company.

MERZ GMBH offers a wide product range with high quality in the range of mobile power distribution (especially building site main cabinets), test technology, sheet metal technology and low voltage switch gears. (more information under: www.merz-elektro.de)

The holding company PC Electric GmbH with its headquarter in St. Martin (Austria) is specialized in the production of industrial plugs and sockets with earth contact and furthermore offers a complete product range of distribution boxes made out of solid rubber and synthetic material. (more information under www.pcelectric.at)



Garden- and gate intercom columns

Garden supply tower MS10

The garden supply tower for outside, comprising a closed aluminium profile with lid. A protective-conductor terminal with equipotential bonding is integrated for the electrical connection. The supply towers can be equipped with all common standard devices.

Technical data:

Dimension: 100 x 50 x 300/500/1150 mm, IP44

Material, color: aluminium profile, silver anodized (or RAL colors upon request)

Example	Cat.No.
MS10, 100x50x300, IP44, unequipped, inkl. stand	50300027
MS10, 100x50x500, IP44, unequipped, inkl. stand	50500045
MS10, 100x50x300, IP44, incl. 2 sockets and stand	50307056
MS10, 100x50x500, IP44, incl. 2 sockets and stand	50507021



Garden supply- and gate intercom tower MS18

Supply column for outside areas, comprising a closed rectangular profile and aluminium intermediate cover. The column is prepared at the factory for equipping on one side with all standard equipment programs.

Option: Light (LED lid for orientation or regular surrounding light), water supply

Technical data:

Technical data: 180 x 100 x 500/800/1150/1400 mm, IP44

Material, color: aluminium profile, silver anodized (or RAL colors upon request)

Example:	Cat.No.
MS18, 180x100x1400, IP44, unequipped, incl. stand	61407322
MS18, 180x100x1400, IP44, unequipped, incl. stand and LED lid	71407323



Garden supply tower MSR12

Supply column for outside areas, comprising a closed round profile of aluminium with a flat side for equipping, including round segment profile for covering the section of the tower that is not equipped, 2 plastic segment covers, aluminium intermediate cover, incl. equipotential bonding terminal with protection conductor. The column is prepared at the factory for equipping on one side with all standard equipment programs (frame width max. 85 mm)

Option: Light (LED lid for orientation or regular surrounding light)

Technical data:

Technical data: Ø 120 x 500/800/1150 mm, IP44

Material, color: aluminium profile, silver anodized (or RAL colors upon request)

Example:	Cat.No.
MSR12, Ø120x800, IP44, unequipped, incl. stand and LED lid	80800072



Garden supply- and gate intercom tower MSR20

Supply column for outside areas, comprising a closed round profile of aluminium with a flat side for equipping, including round segment profile for covering the section of the tower that is not equipped, 2 plastic segment covers. The grid plate is prepared to mount standard switches and sockets, as well as intercom systems.

Option: Light (LED lid for orientation or regular surrounding light)

Technical data:

Technical data: Ø 200 x 500/800/1150/1400 mm, IP44

Material, color: aluminium profile, silver anodized (or RAL colors upon request)

Example:	Cat.No.
MSR20, Ø200x1400, IP44, unequipped, incl. stand	51400254
MSR20, Ø200x1400, IP44, unequipped, incl. stand and LED lid	61400255



Office connection technology



Floor- office columns MS10 / MSR12 / MS15 / MS240

MS10: Connection column for offices comprises a closed, anodised aluminium profile with cover and equipotential bonding with protective conductor terminal. The connection column for offices can be equipped on one side with all standard device ranges.

MSR12: Connection column for offices comprises a closed round aluminium profile with flat surface for equipping, including round segment profile for covering the non-equipped part of the column. The column can be equipped on one side with all standard device ranges.

MS15: Connection column for offices comprises a closed, anodised aluminium profile with cover and equipotential bonding with protective-conductor terminal. It can be equipped on one or both sides with all standard devices, including high and low voltage devices.

MS240: Connection column for offices for equipping with standard devices, instabus devices, selective back-up, distribution. The MS240 offers sufficient manoeuvring space for functional bending radii and strain relief for coaxial cables, optical waveguides, stranded conductors (twisted) and high voltage lines.

MS240 comprises a flush-fitted base plate, profiled side panels, screw-on cover, separating rail including a C-rail and a top hat rail for mounting terminals and strain reliefs, equipotential bonding terminal, 2 device plates.

Mounting possibilities: Directly on the floor with a base plate. MS10, MSR12 and MS15 can be mounted with an optional integrated flush floor socket to be removable and flexible.

Technical Data:

Dimensions:	1 MS10: 100 x 50 x 300/500 mm	IP-rating: IPX0
	2 MSR12: Ø120 x 300/500 mm	Material: aluminium
	3 MS15: 150 x 100 x 300/500 mm	Color: silver anodized
	4 MS240: 240 x 175 x 310/410/510 mm	(RAL colors upon request)



Office ceiling supply columns MSD10 / MSDR12

Ceiling connection column for offices for vertical connection technology, for supplying power from either the ceiling or the floor, comprising a closed aluminium profile prepared for equipping one side with all standard device ranges including high and low voltage devices.

The column is divided into 6 positions. Each position can be equipped with the required drilling unit. A separating rail can be provided for separating various electric circuits inside the column. (MSD10).

Technical data:

Dimension:	1 MS10: 100 x 50 x 2700 mm
	2 MSDR12: Ø120 x 2700 mm
IP-rating:	IPX0
Material:	aluminium
Color:	silver anodized (RAL colors upon request)

Individual equipment and heights on request!

Industrial supply columns

Industrial floor column MS18

MS18 connection column for industry for vertical connection technology comprising closed aluminium profile with cover and equipotential bonding with protective-conductor terminal. Prepared for distributor, circuit-breaker and built-in devices.

The MS18 connection column for industry can be mounted directly on the floor using the base plate. The mounting set comprising ground socket and base plate is suitable for mounting on screed flooring, on double floors or for connecting to underground systems. Either the square or round ground socket can be used. The MS18 industrial column is also deliverable with a modular connector. A base plate and a floor box are required for the fixation of this column variant.

Equipment:

One or two sides with all standard device ranges, including high and low voltage devices, industrial sockets and CEE-surface-mounted sockets, straight up to 5 x 32 A and on 3 sides (additional, e.g. compressed air)

Technical data:

Dimensions: 150 x 100 x 500/660/800/990 mm, IP44
Material, color: aluminium profile, silver anodized

Example:	Cat.No.
MS18, window 10 units, 2x safety sockets protected with 2xMCB 16A 1p C, 1xCCE 16A 5p 400V protected with 1xMCB 16A 3p C, 1x compressed air connector, 180x100x800 mm, incl. stand	40800104
MS18, window 12 units, 2x safety sockets protected with 2xMCB 16A 1p C, 1xCCE 16A 5p 400V protected with 1xMCB 16A 3p C, 1xCCE 32A 5p 400V protected with 1xMCB 32A 3p C, 1x compressed air connector, 180x100x1000 mm, incl. stand	41000202



Industrial ceiling supply columns MSD15 / MSDI165+

MSD15: ceiling connection column for industry for vertical connection technology, for supplying power from either the ceiling or the floor, comprising closed aluminium profile prepared for equipping 1, 2 or 4 sides with all standard device ranges including high and low voltage devices and emergency-off button or CEE surface-mounted sockets up to 63 A and distribution fuse board up to max. 6 partitions.

The column is divided into 6 positions for equipping purposes. Each position can be equipped with the required drilling unit. For columns that require equipping on 2 sides, please specify the required bore-holes on the 2nd side separately. A separating rail is necessary for separating various electric circuits inside a column.

MSDI165+: MSDI165+ ceiling connection column for industry for vertical connection technology, for supplying energy from either the ceiling or the floor comprising:

- closed extruded aluminium profile, especially for the electrical connections.
- side flaps for e.g. compressed air, vacuum connections, suction lines, water and other media if technically possible.
- Column cover and base plate.

Possible equipment:

On 1, 2 and 4 sides with all standard device ranges including high and low voltage devices as well as an emergency-off button or CEE-surface-mounted sockets up to 63 A and distribution fuse board up to max. 8 partitions per distributor. Compressed air units, vacuum connections, suction lines, water and other media if technically possible.

Technical data:

Dimensions: **1** MSD15: 150 x 100 x 2700 mm
2 MSDI165+: 295 x 120 x 3000 mm
IP-rating : IPX5
Material: aluminium
Color: silver anodized



Individual equipment and heights on request!



Stainless steel wall distributors



symbolic picture

Surface-mounted distributor

- made of stainless, corrosion-resistant V2A stainless steel (1.4301)
- can also be used in closed state due to cable outlet
- lockable to protect against unauthorised current consumption and unintentional disconnection of cables
- feasible in many variations, fuses and assemblies
- cable entry possible from below and above
- IP-rating with closed door: IP44

Housing dimensions (WxHxD): 400x530x220 mm

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	4	1 x RCD 40A/4/0.03A (TYP A 40AT)	1 x MCB 16A 3p C 4 x MCB 16A 1p C	cable cross-section 2,5-40mm ² WxHxD 400x530x220mm	max.40A	620000000



Flush-mounted distributor

- made of stainless, corrosion-resistant V2A stainless steel (1.4301)
- can also be used in closed state due to cable outlet
- lockable to protect against unauthorised current consumption and unintentional disconnection of cables
- IP-rating with closed door: IP44

Built-in dimensions (WxHxD): 360 x 520 x 210 mm

Housing dimensions (WxHxD): 420 x 580 x 212 mm

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	1	2	1 x RCD 63A/4/0.03A (TYP A 63AT)	1 x MCB 32A 3p C 1 x MCB 16A 3p C 2 x MCB 16A 1p C	2 x top and 2x bottom with grommet for cable cross-section up to 36mm	max.63A	621010003



Floor adapter for
embedding in
concrete optionally
available

Stainless steel energy bollards

Bollards are usually used as access restrictions for exposed locations. Our stainless steel bollards combine this function with an intelligent power supply.

- floor mounting with flange plate
- incl. socket outlet distributor
- door incl. profile half cylinder
- Equipped with water supply unit and pipe trace heating optionally possible

Technical data:

diameter: 330 mm or 450mm
height: 650/850/1050/1280/1400 mm
material: V2A stainless steel or
V4A stainless steel
IP-rating: IP44

Individual equipment and heights on request!
Individual coatings (RAL/DB) on request!



Market place distributors

The Market-place distributors of corrosion-resistant steel are the solution for market and festival places in case a supply from the ground is not desired or not possible. By the precious stainless steel finish, the Market-place distributors optimally fit into the general view. Especially in modern designed market- and festival places it is useful to offer these supply units.

- integrated base with internal fixing points
- removable cover
- cable outlet for use in closed condition
- lockable door (equipped with bar lock)

Technical data:

dimensions: 465 x 1200 x 360 mm
790 x 1610 x 360 mm
1100 x 1610 x 480 mm
material thickness: 1,5–4mm
IP-rating: IP44

Individual equipment and heights on request!
Individual coatings (RAL/DB) on request!



Underground connection

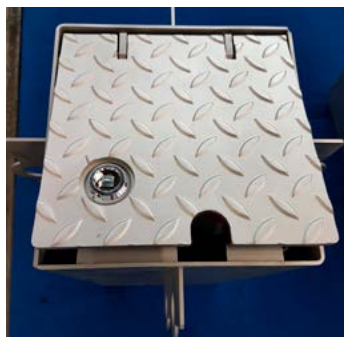
Underground connection with lid SEK20



Made of robust stainless steel for flush floor installation indoors or outdoors.

- hinged lid with chequer plate surface
- recessed lock prevents misuse by third parties
- unequipped or incl. CEE connector IP67/68 with approx. 2m flexible cable
- decentralised protection of the coupling via supply line
- load capacity of the lid 25t (acc. DIN EN 124 – C250)
- on-site drainage required

Housing dimensions (LxWxD): 200x200x400mm
Lid dimensions (LxW): 190x190mm

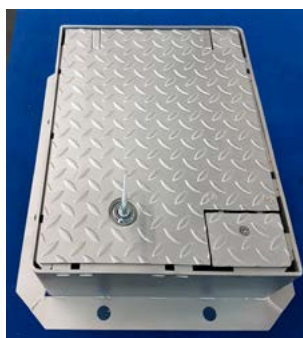
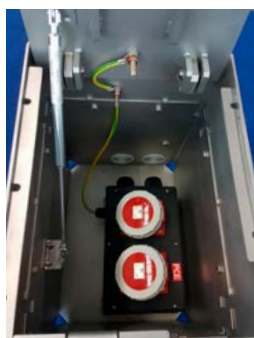


Underground connection with lid SEK30

Underfloor housing made of robust stainless steel with solid rubber distributor for flush floor installation indoors or outdoors.

- hinged lid with chequer plate surface
- recessed lock prevents misuse by third parties
- equipped with solid rubber distributor IP68 (mounted on the ground); distributor can optionally be encapsulated with casting resin after installation
- decentralised protection of the coupling via supply line
- load capacity of the lid 12,5t (acc. DIN EN 124 – B125)
- on-site drainage required

Housing dimensions (LxWxD): 480x380x420mm
Lid dimensions (LxW): 400x300mm



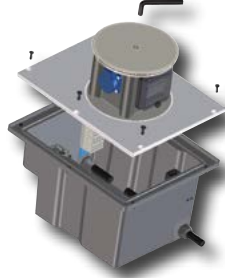
Retractable connection technology

Underground connection: TerraMo

Modern underground system for power supply in- and outdoors. The field of application ranges from shopping malls, offices, congress centers, fair grounds as well as market places, private homes and parking lots.

Technical data:

IP-rating:	IP 44
Total weight:	11 kg
Dimensions (HxWxD):	303x390x310 mm
Install. depth, extendible height:	303 mm, 136 mm
Load capacity of cover:	support weight of car
Heater:	20W switch cabinet heater
Lifting mechanism:	gas pressure spring
Drainage connection:	1 DN 40



Example:	Cat.No.
TerraMo, 2x safety socket 16A 250V	502010001
TerraMo, window 4 units, 1xCEE 16A 5p 400V, 2x safety socket, RCBO 16/0,03A 4p-C	502010005

Underground connection: series SE

Retractable, freely accessible for vehicles, electrical connections and distribution columns for open areas and halls for groundflush installation in compliance with VDE regulations, comprising:

Concrete pit with integrated drainage, cable feed-throughs and cable terminal boxes, corrosion-proof aluminium pit insert, supply tower with pit cover of cast aluminium suitable for paving, electrical device modules and hand crank.

Options: Water supply or other energy sources

Technical data: (general)

IP-rating:	IP 44 (IP67)
Protection degree:	Earth conductor, protection class 1
Rated power:	up to 130 kW
Load capacity of cover:	up to 40t

Please ask for detailed technical documentation!



Underground connection with lid: series SEK

The new Moser underground connection with hinged lid made out of stainless steel are the perfect supply possibility for areas in- and outdoors. Once the lid is closed, the unit is almost invisible and protected against vandalism. The integrated full rubber distribution box can be equipped individually. The flexible use of space and the invisible storage of power supply, even in small areas, fit perfectly in every townscape.

Options: Cable exit (lid can stay closed during operation)
Water supply or other energy sources

Technical data: (general)

IP-rating: (distribution box)	IP 54 (others on request)
Load capacity of lid:	selectable 1,5t, 12,5t and 40t

Individual equipment and heights on request!





LED Work lights

Work lights - mobile

PCE mini LED

Power/Voltage: 30W / 220-240V~ (50-60Hz)
 Lightning current: 3800 lm / luminous color 4000 Kelvin
 Dimensions: (WxHxD): 213 x 410 x 145mm
 Cable: 5m H07RN-F 3G1,5 with safety plug
 Housing / color: 2-component plastic/rubber, red-black
 IP rating: **IP54**    
 Incl. switch (ON/OFF) and additional safety socket (max. 3kW) with lid on the side.

4303020



PCE mini LED safety

incl. rechargeable battery for emergency light, approx. 90 minutes

4303025



PCE standard LED

Power/Voltage: 50W / 220-240V~ (50-60Hz)
 Lightning current: 4600 lm / luminous color 4000 Kelvin
 Dimensions: (WxHxD): 285 x 440 x 135mm
 Cable: 5m H07RN-F 3G1,5 with safety plug
 Housing / color: 2-component plastic/rubber, red-black
 IP-rating: **IP54**    
 Incl. switch (ON/OFF) and additional safety socket (max. 3kW) with lid on the side.

4305020



PCE standard LED safety

incl. rechargeable battery for emergency light, approx. 90 minutes

4305025



PCE maxi LED

Power/Voltage: 75W / 220-240V~ (50-60Hz)
 Lightning current: 7270 lm / luminous color 4000 Kelvin
 Dimensions: (WxHxD): 378 x 505 x 165mm
 Cable: 5m H07RN-F 3G1,5 with safety plug
 Housing / color: 2-component plastic/rubber, red-black
 IP-rating: **IP54**    
 Incl. 2 pcs. safety socket with lid (backside) and ON/OFF switch

4307520



PCE maxi LED safety

incl. rechargeable battery for emergency light, approx. 60 minutes

4307525



Other versions (e.g. protective extra-low-voltage,...) available on request!



Accessories for mobile work lights



KlickFix quick fastening system for PCE mini LED / standard LED / maxi LED

sturdy, fast fixation (swivelling)
simple, fast mounting

43030201



Turnable and swivelling wall-holder for PCE mini LED / standard LED / maxi LED

turnable and swivelling holder (2x 8mm drillings) for wall mounting
incl. KlickFix quick fastening system

4304011



Magnet holder + KlickFix for PCE mini LED / standard LED

Swivelling magnet holder with KlickFix quick fastening system

4304016



Magnet holder + KlickFix for PCE maxi LED

Swivelling magnet holder with KlickFix quick fastening system

4304015



Cable holder for PCE standard LED

made of metal incl. fastening screws

4304850



Tripod adapter quadruple

for mounting of work lights
(4 pcs. PCE mini LED / standard LED / maxi LED), adjustable gradient of lights (snap-fit) complete with KlickFix fastening system, incl. TV-centering pivo (Ø 28 mm) for tripod



Example of use:
Tripod adapter quadruple with 4x PCE maxi LED, lightning current = 4 x 7270 Lumen

4304019



Elevating tripod (3-pcs.) 3,8m

incl. mounted TV-centering pivo Ø 28 mm (L=11,5cm, M10)
full height approx. 3,8 m, max. load: 50kg
Dimensions (folded): 260 x 185 x 1950 mm

1410000310



Stand tripod (3-pcs.)

Solid, simple tripod (3-pieces)
Zinc coated metal with handle
Height adjustable up to 2,75m

70015



STAND TRIPOD (3-pcs.) with wheels

Identical to Cat.No. 70015 but incl. 3 rotatable, removable wheels (Ø50mm, one wheel with stop function)

70019

Spare bulb TC-L 840 2G11 (coolwhite)

24W PCE mini/standard

L= 325mm

4304017

36W PCE maxi

L= 430mm

4304018





LED Hand lamps

LED Hand lamps

LED-Hand lamp PCE Akku LED 200

5+1 Ultra High Power LED (SMD)

Technical specifications:

Lamp: 5+1 Ultra High Power LED (SMD)
200 Lumen (lamp)
100 Lumen (flashlight)
Battery: Lithium-ion 3,7 V- 1100 mAh
Operating time: approx. 2,75 h (lamp) / approx. 5,5 h (flashlight mode)
Charging time: approx. 3 h
Charger: 12-24V DC and 100-240 V AC 50/60 Hz and USB connector
Charging: LED green (full)- red (charging)
Switch: 2 functions: 5 LEDs (lamp) / 1 LED (flashlight)
Enclosure (lens): Impact-resistant polycarbonate IK07
Protection class: 2/3
IP rating: IP54



730010



Inclusive accessories:

Charging adapter:
IN: 100-240V AC 50/60 Hz
OUT: 5V / 500mA (USB)

Micro car charger:
12-24V DC

USB-cable

LED Hand lamp PCE Akku LED 500

10+1 Ultra High Power LED (SMD)

Technical specifications:

Lamp: 10+1 Ultra High Power LED (SMD)
500 Lumen (lamp)
120 Lumen (flashlight)
Battery: Lithium-ion 3,7 V- 4400 mAh
Operating time: approx. 4,5 h (lamp) / approx. 17 h (flashlight mode)
Charging time: approx. 3,5 h
Charger: 12-24V DC and 100-240 V AC 50/60 Hz and USB connector
Charging: LED green (full)- red (charging)
Switch: 2 functions: 10 LEDs (lamp) / 1 LED (flashlight)
Enclosure (lens): Impact-resistant polycarbonate
Protected: against overcharging and fully discharge
Protection class: III
IP rating: IP54



740010



Inclusive accessories:

Charging adapter:
IN: 100-240V AC 50/60 Hz
OUT: 5V / 1000mA (USB)

Micro car charger:
12-24V DC

USB-cable

LED light with rechargeable battery, 5x3W

Base with magnet 4x 50N
Handle can be swivelled 180°

Technical specifications:

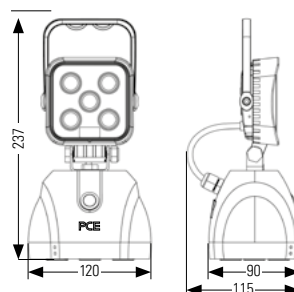
Lamp: 5x3W 900 Lumen
Battery: Lithium-Ion 7,4VDC 4400mAh
Light functions: 100% / 50% / blinking function
Operating time: mode 100% approx. 5h, mode 50% approx. 10h
Charger: 230VAC 50/60Hz IP20, Car 12/24VDC/8,4VDC
optional 5-times charger 230VAC
Capacity display: GREEN>65%, YELLOW 25-65%, RED 10-25%, RED blinking <10%
Housing material: Plastic shockproof gummed, aluminium lamp head black
Weight: approx. 850g incl. rechargeable battery
IP rating: IP 65

450020

Option: charger 5-times 230V/70VA

for simultaneous charging of 5 pcs. lights

450012



Inclusive accessories:

Charger
230 VAC, 50/60 Hz

Car charger
12-24V DC



The better cable reel.



This newly developed cable reel in different versions fits perfectly into the current requirements of household and industry.

The series XREEL® offers a modern design in very high quality. Numerous functions and many new advantages leave no wishes left over.

XREEL® – The better cable reel.

- Carrying rack and drum made of special plastics
- Ergonomically formed handle
- Parking positions for the plug on both sides
- Brake mechanism patented
- Different central discs and cables available



Rugged cable reel
made of high quality plastic

Appealing design
modern geometry

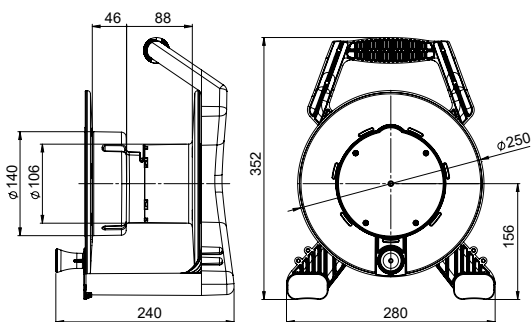
Brake system
centric placed in spindle

Plug parking spaces
for safe storage of the plug

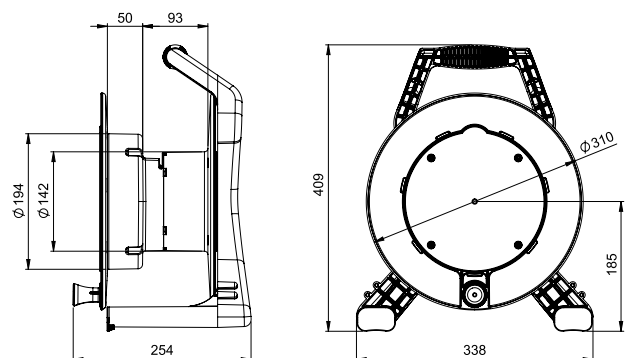
Reliable stand
due to wide
supporting points



XREEL® 250



XREEL® 310



XREEL® 250

Cable reel made of special plastics Ø250mm

Stable carrying rack with ergonomic handle made of extremely durable plastic, central brake mechanism as well as 2 parking positions for the plug.

Equipment:

- 4 x safety sockets with shutter 16A 250V
- Thermal protection, power indicator light and safety plug (rubber) with dual earthing system

IP20

Cable type	Cable length	Cat.No.
H05RR-F 3G1,5 rubber sheathed cable Cable color black ■	25m	9250005-p
H05VV-F 3G1,5 PVC-sheathed cable Cable color black ■	25m	9250002-p

Equipment:

- 4 x safety sockets with shutter, sealing bulge and self closing hinged lid 16A 250V
- Thermal protection, power indicator light and safety plug (rubber) with dual earthing system

IP54

Cable length	H05RR-F rubber sheathed cable - cable color black ■	
	3G1,5	3G2,5
25m	9250006-p	–
25m	9250007-p*	–
33m	9250024-p	–
Cable length	H05VV-F PVC-sheathed cable - cable color black ■	
	3G1,5	3G2,5
25m	9250004-p	–
33m	9250023-p	–
Cable length	H07RN-F rubber sheathed cable - cable color black ■	
	3G1,5	3G2,5
25m	9250013-p	9250029-p
25m	–	9250025-p*
Cable length	N07V3V3-F PVE building site cable K35 - cable color yellow ■	
	3G1,5	3G2,5
25m	9250156-p	9250016-p

Cable type N07V3V3-F can only be used in Austria on building sites. (National regulations have to be observed!)

Empty cable reel made of special plastics Ø250mm

Stable carrying rack with ergonomic handle made of extremely durable plastic, central brake mechanism as well as 2 parking positions for the plug.

Empty reel with crank, cable entry and strain relief

Description	Cat.No.
Empty reel (without central panel), color: black	9250998-p
Blind cover (undrilled, unequipped), color: black	925001
Central panel 4xSSD 4x safety socket IP54 incl. thermal protection and operation display, ready wired on main terminal	925004
Central panel 3xSSD 3x safety socket IP54 individually replaceable, incl. thermal protection, ready wired on main terminal	925006

XREEL® 250

Cable reel made of special plastics Ø250mm

Stable carrying rack with ergonomic handle made of extremely durable plastic, central brake mechanism as well as 2 parking positions for the plug.

Equipment:

- 3 x safety sockets (individually replaceable), with sealing bulge and self-closing hinged lids 16A 250V
- Thermal circuit breaker, solid rubber plug (dual earthing system)

IP54

Cable length	H07RN-F rubber sheathed cable - Cable color black 	
	3G1,5	3G2,5
25m	9250012-p	9250034-p
25m	9250001-p*	—
33m	9250022-p	—

Cable length	H07BQ-F polyurethane cable - Cable color orange 	
	3G1,5	3G2,5
25m	9250010-p	9250018-p
30m	9250033-p	—
33m	9250026-p	—

Cable length	N07V3V3-F PVC building site cable K35 - Cable color yellow 	
	3G1,5	3G2,5
20m	—	9250020-p
25m	9250121-p	9250021-p
33m	9250019-p	—

IP54



Cable type N07V3V3-F can only be used in Austria on building sites.
(National regulations have to be observed!)

Equipment:

- 2 x CEE-sockets 16A 3p 4h 110V
- Thermal circuit breaker and CEE plug 16A 3p 4h 110V

IP54

Cable type 	Cable length	Cat.No.
H07RN-F 3G2,5 rubber sheathed cable Cable color black	25m	9250008-p

Equipment:

- 3 x sockets 13A 250V british system IP54
- Thermal circuit breaker and plug 13A 2p+PE british system IP32

IP32

Cable type 	Cable length	Cat.No.
H07RN-F 3G1,5 rubber sheathed cable Cable color black	25m	9250009-p

Equipment:

- 1 x CEE-socket 16A 3p 6h 230V
- 1 x safety socket with sealing bulge and self-closing hinged lid 16A 250V
- Thermal circuit breaker and CEE plug 16A 3p 6h 230V

IP54

Cable type 	Cable length	Cat.No.
H07RN-F 3G2,5 rubber sheathed cable  Cable color black	20m	9250035-p



XREEL® 310

Cable reel made of special plastics Ø310mm

Stable carrying rack with ergonomic handle made of extremely durable plastic, central brake mechanism as well as 2 parking positions for the plug. **IP54**



Equipment:

- 4 x safety sockets (individual replaceable), sealing bulge and self-closing hinged lids 16A 250V
- Thermal protection, power indicator light and safety plug (solid rubber) with dual earthing system



Cable length	H07RN-F rubber sheathed cable - Cable color black  ■	
	3G1,5	3G2,5
25m	9350150-p	9350142-p
30m	9350132-p	9350167-p
40m	9350015-p	9350202-p
50m	9350160-p	9350163-p



Cable length	H07BQ-F Polyurethane cable - Cable color orange  ■	
	3G1,5	3G2,5
25m	9350145-p	9350159-p
30m	9350147-p	9350196-p
40m	9350146-p	9350162-p
50m	9350151-p	9350009-p



Cable length	N07V3V3-F PVC building site cable K35 - Cable color yellow  ■	
	3G1,5	3G2,5
25m	9350156-p	9350154-p
30m	9350153-p	9350165-p
40m	9350164-p	9350157-p
50m	9350161-p	9350155-p

*Cable type N07V3V3-F can only be used in Austria on building sites.
(National regulations have to be observed!)*



Empty reel 310

with central panel, 4x safety sockets with hinged lids, thermal protection and power indicator light, ready wired on main terminal, color: black (without cable and plug)

8935097-p

Max. cable length [m] XREEL® 250 / 310

XREEL® 250 / 310	H05VV-F	H05RR-F	H07RN-F	N07V3V3-F	H07BQ-F
3G1,5	33 / 60	33 / 60	33 / 60	33 / 60	33 / 60
3G2,5	25 / 50	25 / 50	25 / 50	25 / 50	25 / 50
5G2,5	- / -	- / 33	- / 33	- / 33	- / 33

XREEL® 310

Cable reel made of special plastics Ø310mm

Stable carrying rack with ergonomic handle made of extremely durable plastic, central brake mechanism as well as 2 parking positions for the plug. **IP54**

Equipment:

- 1 x CEE socket 16A 5p 400V, 3x safety sockets (individually replaceable), sealing bulge and self-closing hinged lids 16A 250V
- Thermal protection 3p and CEE-plug 16A 5p 400V

Cable type		Cable length	Cat.No.
H07RN-F 5G2,5 rubber sheathed cable Cable color black		25m	9350235-p
		33m	9350042-p
H07BQ-F 5G2,5 polyurethane cable Cable color orange		25m	9350189-p
		30m	9350008-p
N07V3V3-F 5G2,5 PVC building site cable K35 Cable color yellow		25m	9350180-p
		30m	9350193-p

*Cable type N07V3V3-F can only be used in Austria on building sites.
(National regulations have to be observed!)*

Empty reel 310

with central panel, 1x CEE socket 16A 5p 400V, 3x safety sockets with hinged lids, thermal protection 3p, ready wired on main terminal, color: black

8935096-p



Equipment:

- 2 x CEE sockets 16A 5p 400V
- Thermal protection and CEE-plug 16A 5p 400V

Cable type		Cable length	Cat.No.
H07RN-F 5G2,5 rubber sheathed cable Cable color black		25m	9350245-p
H07BQ-F 5G2,5 polyurethane cable Cable color orange		30m	9350022-p
N07V3V3-F 5G2,5 PVC building site cable K35 Cable color yellow		25m	9350290-p

*Cable type N07V3V3-F can only be used in Austria on building sites.
(National regulations have to be observed!)*

Bestückung:

- 4 x safety sockets 16A 250V **IP68 (watertight)**
- Thermal protection and safety plug 16A 250V **IP68**

Cable type		Cable length	Cat.No.
H07RN-F 3G2,5 rubber sheathed cable Cable color black		25m	9350017-p
H07BQ-F 3G2,5 polyurethane cable Cable color orange		25m	9350005-p
		50m	9350212-p
N07V3V3-F 3G2,5 PVC building site cable K35 Cable color yellow		25m	9350004-p

*Cable type N07V3V3-F can only be used in Austria on building sites.
(National regulations have to be observed!)*



Cable rewriter / hose rewriter

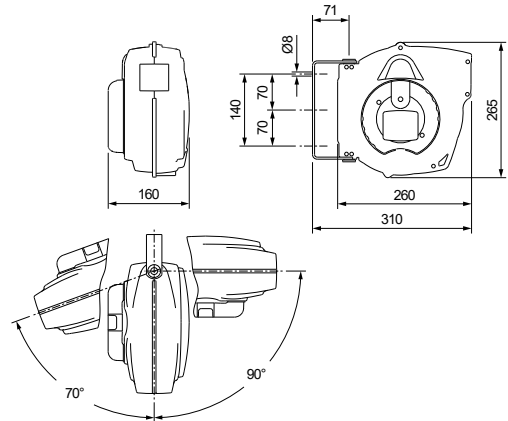


Cable rewriter JUNIOR 230

housing made of unbreakable plastic, with overload protection and disconnectable blocking device, for wall and ceiling mounting, incl. safety plug and connector, TÜV-GS approved

cable length: 10m
pull-out cable: H05VV-F 3G1,5
rated voltage: 230V~
power (wound up/unwound): 800W/2000W
protection: IP24
weight: 3,8 kg

42170

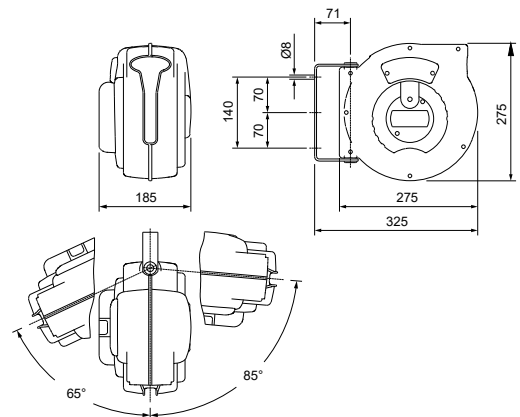


Cable rewriter MASTER 230

housing made of unbreakable plastic, with overload protection and disconnectable blocking device, for wall and ceiling mounting, incl. safety plug and connector with lid IP44, TÜV-GS approved

cable length: 10m
pull-out cable: H07RN-F 3G2,5
rated voltage: 230V~
power (wound up/unwound): 800W/2000W
protection: IP20
weight: 4,0 kg

42174

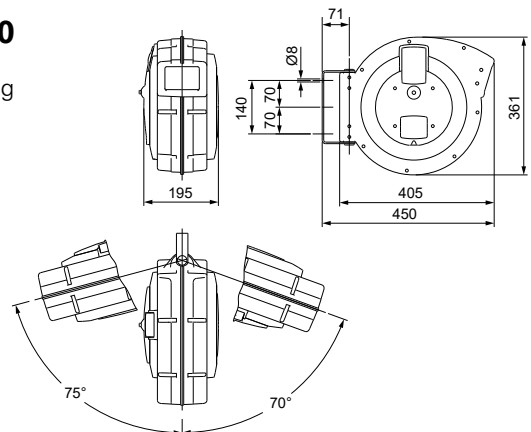


Cable rewriter MAJOR PLUS 400

housing made of unbreakable plastic, with overload protection and disconnectable blocking device, for wall mounting, incl. CEE-plug and CEE-connector 16A 5p 400V; TÜV-GS approved

cable length: 15m
pull-out cable: H07RN-F 5G2,5
rated voltage: 400V~
power (wound up/unwound): 2800W/5000W
protection: IP24
weight: 5,6 kg

42285

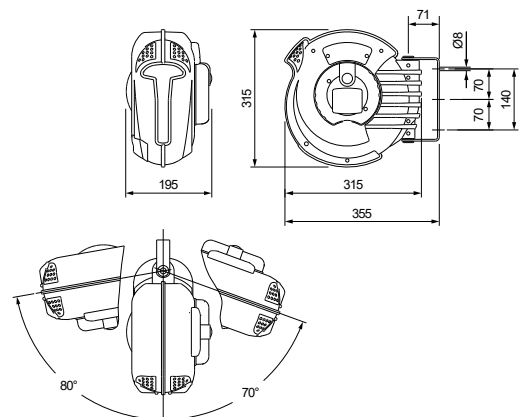


Hose rewriter AIR MASTER

housing made of unbreakable plastic, disconnectable blocking device, for wall and ceiling mounting, with air socket and connection 1/2"

compressed-air hose length: 12m
supply hose length: 2m
hose quality: polyurethane 8x12mm
max. operating pressure: 15 bar
weight: 4,5 kg

42164



CEE extension cables 16A / 32A

- Extension cable 25m with GRIP CEE plug and CEE connector (nickel-plated contacts)
- IP-rating **IP44/54**

Cable length	Cable type	Plug/Connector	Cat.No.
25m	H07RN-F rubber sheathed cable 5G2,5	16A 5p 400V	825525114v
25m	H07RN-F rubber sheathed cable 5G6	32A 5p 400V	825506214v

 ...available on stock!

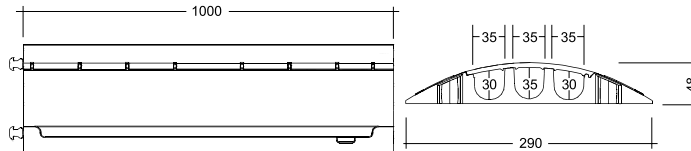
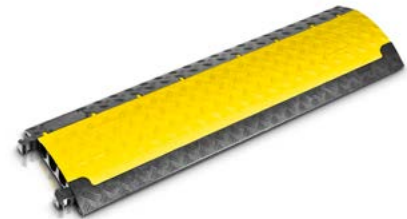


Cable protector bridge DEFENDER Mini

with anti slip surface and hinged lid. Lid available in yellow or black. Made of polyurethane, individual expandable
Tire weight: approx. 2 tons on a surface of 20x20cm.

Cable channels	Dimensions (LxWxH)	Weight	Cat.No.
3 pcs.	1000x290x48 mm	5 kg	85200
3 pcs.	1000x290x48 mm	5 kg	85200BLK

cover: yellow
cover: black



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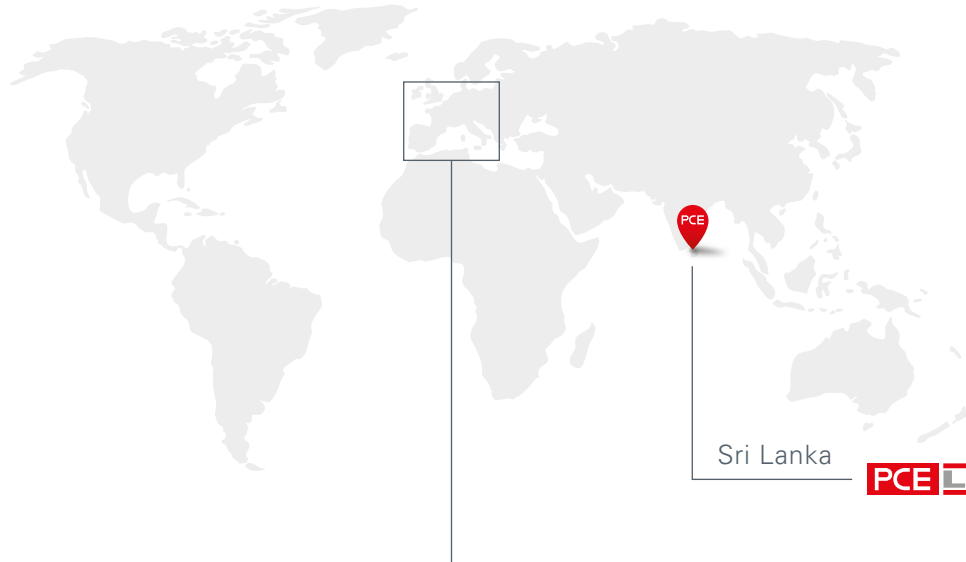


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9216631	204	925-2w	63	94325000	229	9474584	278	9755104	119
9216635	204	925-4	63	94325001	229	9474590	278	9755105	119
9216645	204	925-4w	63	94325002	229	9502619	283	980901506204	204
9217001	251	925-6	63	94325003	229	9504020	277	9809051	204
9217005	251	925-6w	63	94325102	154	9504103	277	9848030	254
9217035	251	925-7	63	94325103	154	9504124	277	9848050	254
9217041	251	925-7w	63	94326000	229	9504138	277	9848233	254
9217055	251	925-9	63	94326001	229	9504400	201	9848250	310
9217090	251	925-9w	63	94326002	229	9504450	277	9848251	310
9217100	251	927-4v	145	94326003	229	9504524	282	9848263	310
9217102	251	927-6v	145	94326102	154	9504528	282	9848715	204
9217134	251	927-7v	145	94326103	154	9504540	277	d105-0	173
9218090	252	927-9v	145	9433020	155	9513-10	29	d105-05	173
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92271649	230	9350008-p	341	9433103	155	9513-7	29	tf9091g	105
92272001	250	9350009-p	340	9433170	155	9513-9	29	tf9092	105
92272488	250	9350015-p	340	9434150	203	9514-10	29	tf9092g	105
92272976	250	9350017-p	341	9434151	203	9514-2	29	ti0007s	321
9227354	250	9350022-p	341	9434152	202	9514-4	29	ti0207	321
9227746	250	9350042-p	341	9434250	203	9514-6	29	tm43838s	86
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923-2w	63	9350146-p	340	9436432	204	9515-2	29	tm55833s	86
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923-4w	63	9350150-p	340	9437114	299	9515-6	29	tm56073s	86
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