EN

PCE

Connection
to the future

Industrial Plugs and Sockets

2022/23

MADE IN AUSTRIA

PC ELECTRIC GesmbH / 4973 St. Martin i.I. / 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 Sp. z o.o., Dzierżoniów, Poland
MERZ GmbH, Gaildorf, Germany
MERZ Schaltgeräte GMBH + CO KG, Gaildorf, Germany
MOSER Systemelektrik GmbH, Gaildorf, Deutschland
BRANDT GmbH, Inzersdorf, Austria
SÄLZER Electric GmbH, Rochlitz, Germany
PCE Lanka Limited, Colombo, Sri Lanka

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

Mobile power distributors

- Assemblies for construction sites
- Event distributor
- Underfloor distributors

Testing technology

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

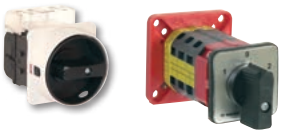
Sheet metal technology

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

Switch to Quality!

Switchgear

- Cam switchers
- Disconnect switches
- DC-switches

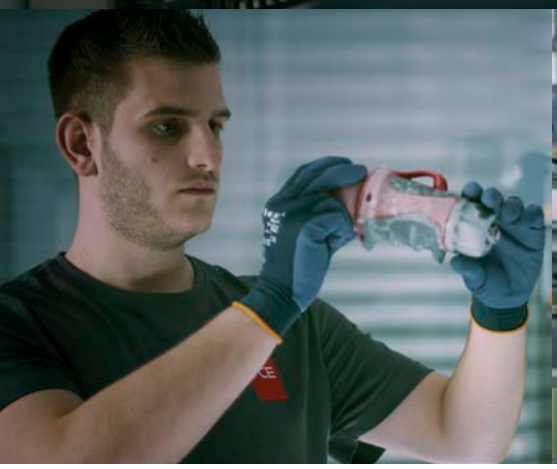


Sälzer Electric GmbH

- Disconnect switches
- Rotary cam switches

Moser Systemelektrik GmbH

- Connection columns
- Underground technology
- Stainless steel distributors



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

SUSTAINABILITY

■ For us, sustainability is not just a trendy word for saving costs. For us, it has been a principle of action since the beginning for the conscious and mindful use of resources in our daily work.

With the optimization of our infrastructure (200kWp PV system, use of local geothermal energy, closed process water cycles, LED lighting,...) as well as targeted measures such as the avoidance of plastic packaging, just-in-time production and the use of recyclable raw materials, we are continuously taking important steps to sustainably improve our ecological footprint.

We take responsibility for a better future and think carefully about the long-term impact of the things we do.

Information

CERTIFICATION ACCORDING TO ISO 9001 : 2015

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

MANAGEMENT SYSTEM CERTIFICATE

DNV·GL

This is to certify that the management system of

PC Electric Gesellschaft m.b.H.

Dieselstr 145, 4973 St. Martin im Innkreis, Austria

has been found to conform to the Quality Management System standard:

ISO 9001:2015

This certificate is valid for the following scope:

Development, manufacture and sales of plug devices for industry and household, electrical distributions, socket combination and their housings

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 2011on 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 **E**uropean **N**orms **EN 60309 part 1** and **EN 60309 part 2**.
IEC is the **„I**nternational **E**lectrotechnical **C**ommission“- 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, Luxemburg, Malta, Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovenia, Slovakia, Sweden, Switzerland, Spain, Turkey and the United Kingdom.

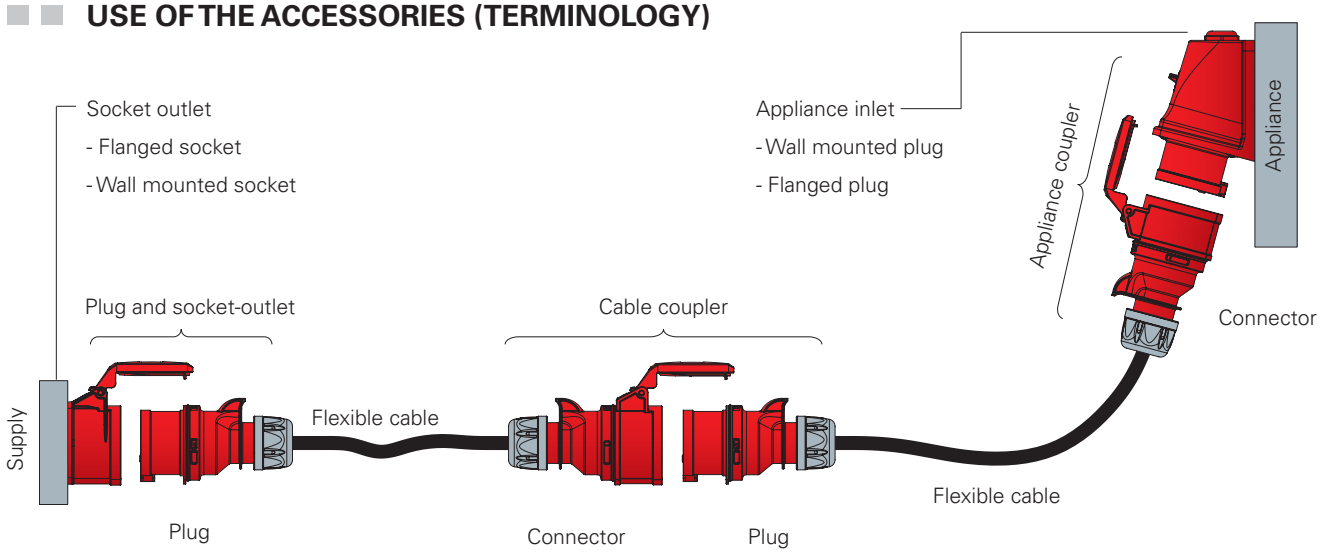
SYSTEM

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 [mm²]	1- 2,5
solid [mm²]	1- 4
Contact screws [Ncm]	100 Ncm
Rated current	2A

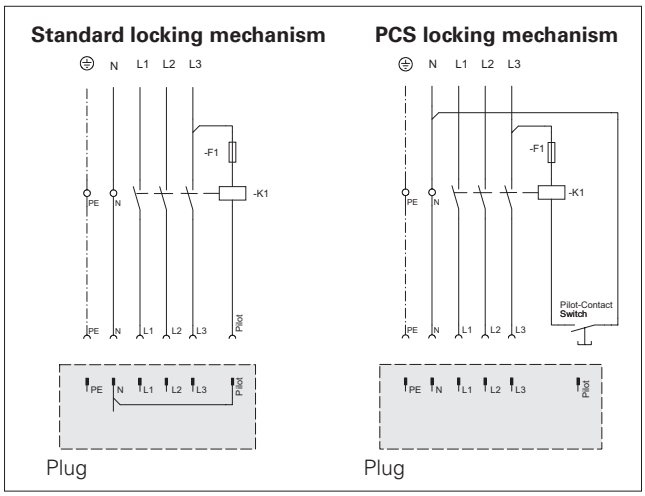
As PCE CEE plugs and sockets have sufficient switching capacity, the CEE couplings and socket-outlets are supplied as standard without a pilot contact and shorter phase contact with protection from finger-touch.

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

	Terminal cross-section		Dismantling length	Stripping length
Rated current	wire flexible [mm²]	wire solid (single or stranded) [mm²]	[mm]	[mm]
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	Frequency	2P+E		3P+E		3P+N+E	
V	Hz	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

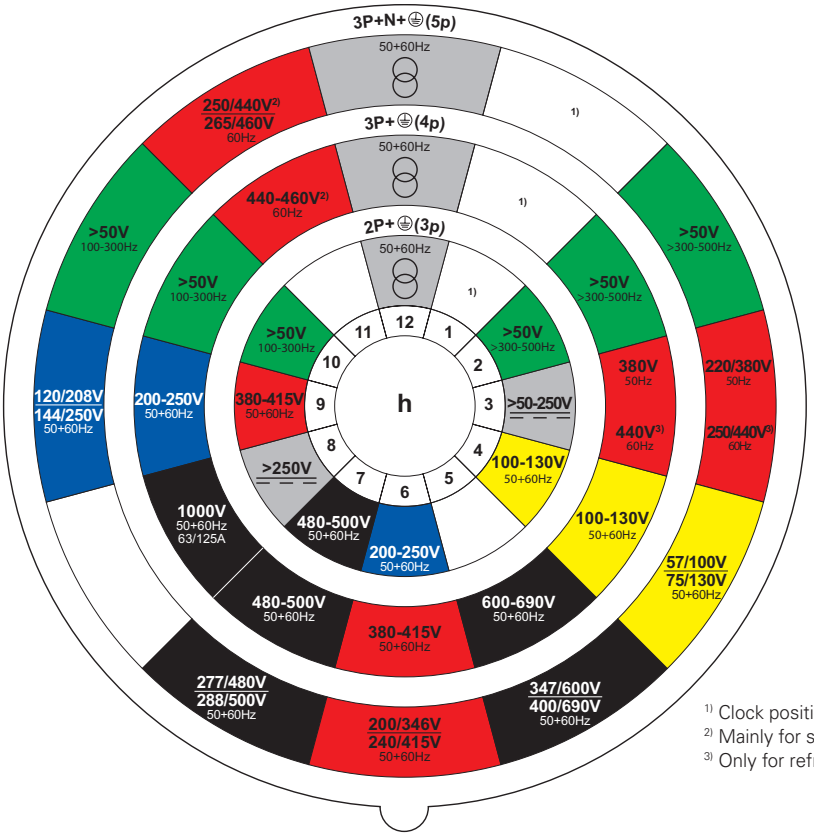
COLOR CODES

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

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

INTERNATIONAL RATING – SERIE I

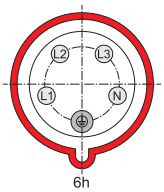
for appliances >50V – details see table above



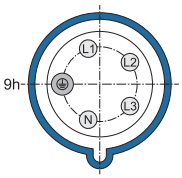
Position of the earthing contact.
View: frontside socket or connector

Example:

400V 5p = 6h



230V 5p = 9h



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

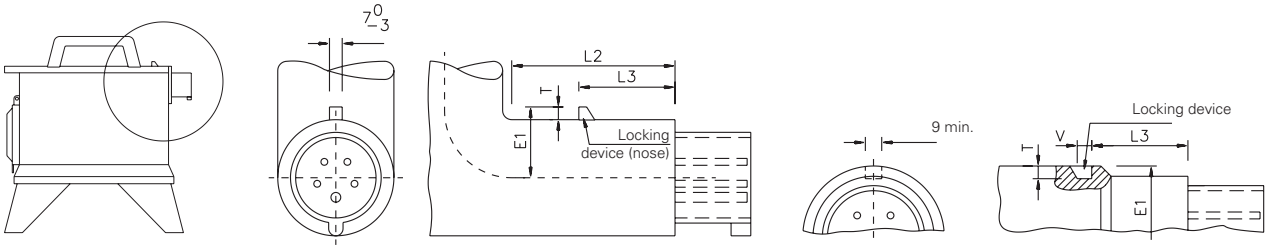
Information

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 (m/Ω mm²)
- 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		+	-
Aldeyhde		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%	+	-

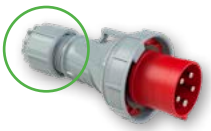
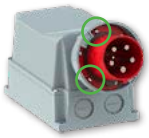
Chemicals	Concentration	Resistance	
		PA6	PC/ABS
Glutaraldehyde		o	x
Glycol		o	o
Glyoxylic acid		o	x
Glycerin		+	o
Pozassium hydroxide	50%	o	-
Ketone		+	-
Petrol		+	o /-
Cresol	30%	-	-
Methane		+	x
Mineral oil		+	+
Sodium chlorid		+	+
Caustic soda	10%	+	x
Caustic soda solution	2-8%	+	-
Nitrobenzene		+	-
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

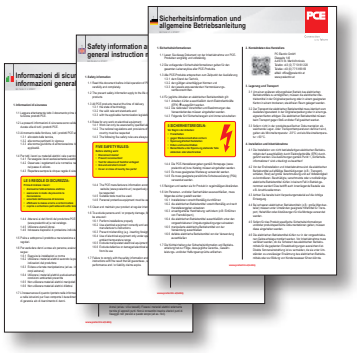
If the system allows plugs of a certain IP rating to be introduced into socket-outlets having another IP rating, attention should be drawn to the fact that the resulting degree of protection of the combination plug/socket-outlet is the lower of the two.

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.pceelectric.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

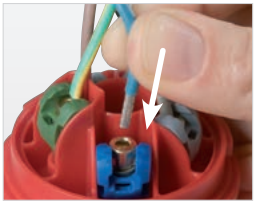
SCREW TERMINAL

Contact screws

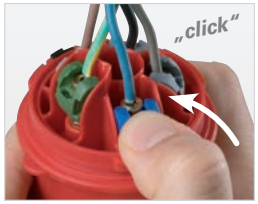
- Accessible from one direction
- Captive and open
- With multi-slot

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

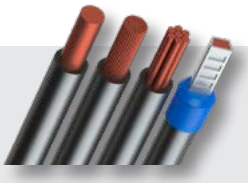


1) Insert wire



2) Close terminal

3) Re-open terminal



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

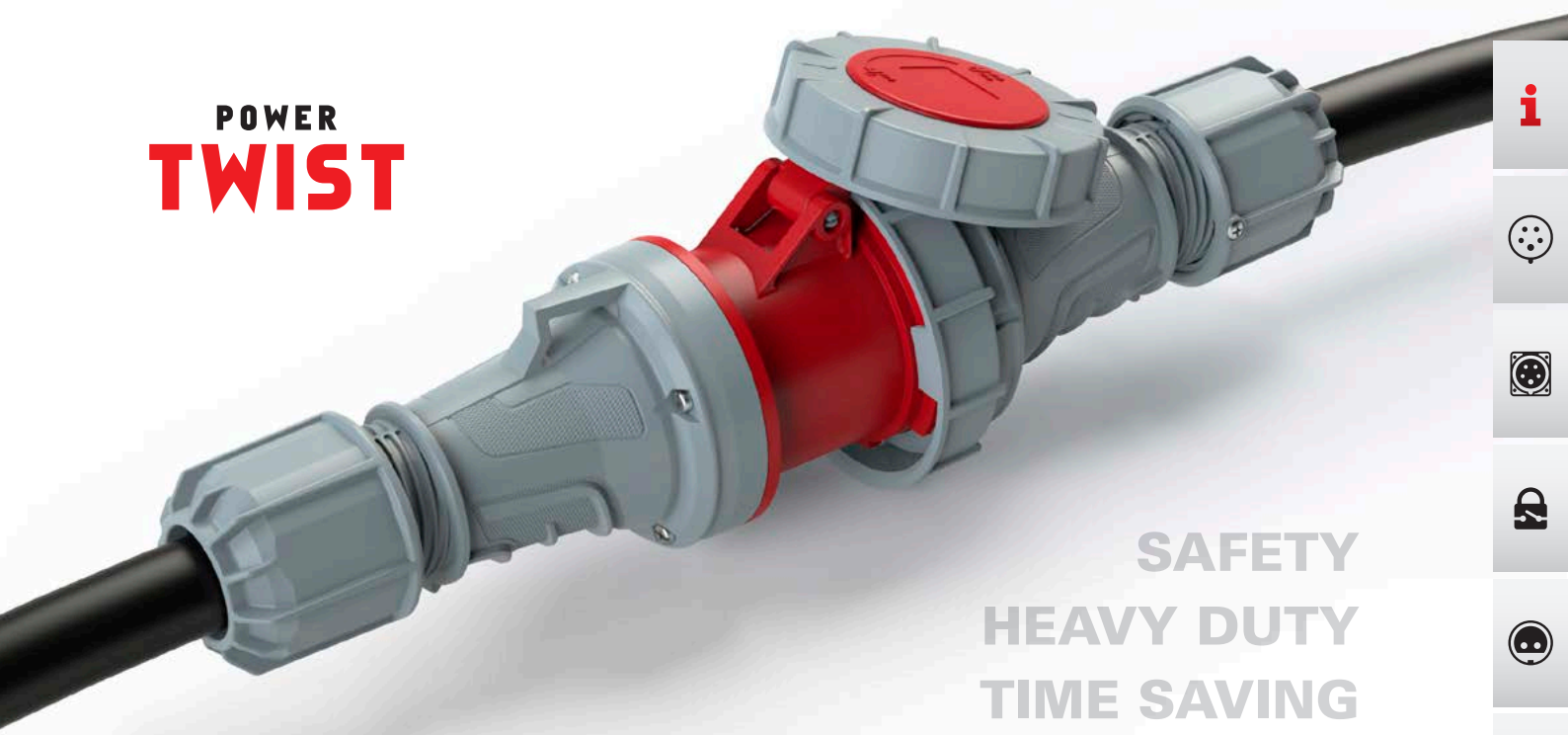
- Multi-ramp quick-lock system
- Easy fitting by twist-lock action
  → saves your time

Dismantling (open)

- simply unlock and twist to open

CEE 63/125A

POWER TWIST



SAFETY
HEAVY DUTY
TIME SAVING

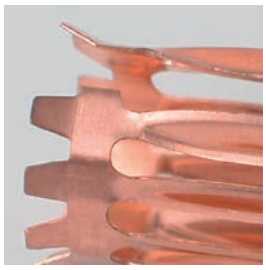
SAFETY

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

PCE

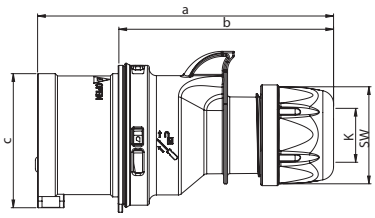
CEE INDUSTRIAL PLUGS AND SOCKETS

16A – 125A

		Page
	CEE Plugs	18
	CEE Angled plugs	24
	CEE Wall mounted plugs	26
	CEE Flanged plugs	32
	CEE Phase inverters	44
	Accessories	50
	CEE Connectors	52

CEE Plugs

Plug IP44/54 SHARK

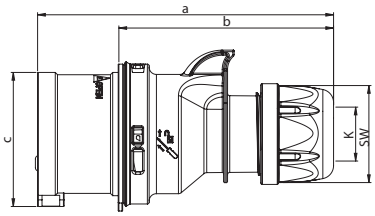


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	86	92	98	104	104	109
c [mm]	47	53	61	63	63	70
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	109	128	151	181	201	232

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

IP44/54 splash- and dustproof

Plug IP44/54 SHARK TT

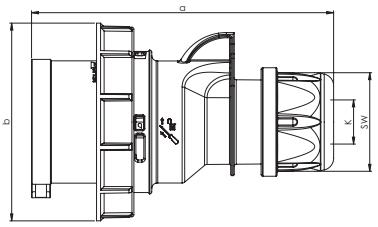


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	86	92	98	104	104	109
c [mm]	47	53	61	63	63	70
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
SW [mm]	42	42	42	50	50	50
Weight [g]	111	132	156	186	206	241

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

IP44/54 splash- and dustproof

Plug IP66/67 SHARK

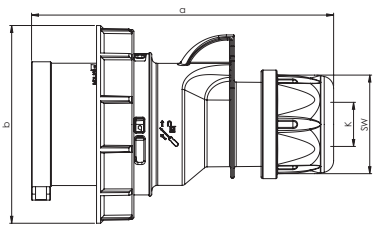


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	71	79	87	93	93	100
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	130	154	183	223	242	276

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

IP66/67 watertight

Plug IP66/67 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. 0152-6TT**v**

IP66/67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
16	**3**	10	013-4	**013-6**	013-9	013-7	013-10	013-1
16	**4**	10	014-4	014-9	**014-6**	014-7	014-10	014-1
16	**5**	10	015-4	015-9	**015-6**	015-7	015-10	015-1
32	**3**	10	023-4	**023-6**	023-9	023-7	023-10	023-1
32	**4**	10	024-4	024-9	**024-6**	024-7	024-10	024-1
32	**5**	10	025-4	025-9	**025-6**	025-7	025-10	025-1

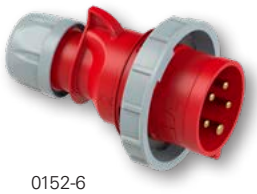
015-6

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**			

TURBO click TERMINAL

015-6TT

16	**3**	10	0132-4	**0132-6**	0132-9	0132-7	0132-10	0132-1
16	**4**	10	0142-4	0142-9	**0142-6**	0142-7	0142-10	0142-1
16	**5**	10	0152-4	0152-9	**0152-6**	0152-7	0152-10	0152-1
32	**3**	10	0232-4	**0232-6**	0232-9	0232-7	0232-10	0232-1
32	**4**	10	0242-4	0242-9	**0242-6**	0242-7	0242-10	0242-1
32	**5**	10	0252-4	0252-9	**0252-6**	0252-7	0252-10	0252-1



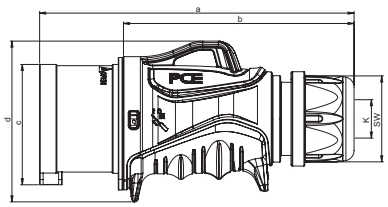
0152-6

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**			

TURBO click TERMINAL

0252-6TT

CEE Plugs

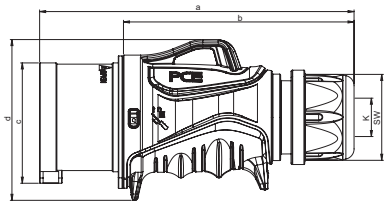


Plug IP44/54 GRIP

	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. 0153-6**v**

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. 0153-6TT**v**

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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
16	**5**	10	0153-4	0153-9	**0153-6**			
32	**5**	10	0253-4	0253-9	**0253-6**			

0153-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
16	**5**	10	0153-4TT	0153-9TT	**0153-6TT**			
32	**5**	10	0253-4TT	0253-9TT	**0253-6TT**			

TURBO click TERMINAL

0253-6TT

MORE GRIP MORE „POWER“

The CEE plugs and connectors of the GRIP series with rubberized surfaces provide more safety and perfect grip for all applications

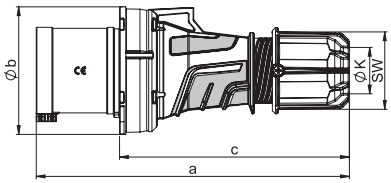
5
„Protective strap“
Increased protective strap for safe handling when plugging in and pulling out

6
Retaining groove
new holding device with integrated retaining groove- multi usage

7
GRIP
ergonomically shaped grip area, secure hold- perfect for all applications

8
cable gland nut
proven system for actuating the internal strain relief

Plug IP44 POWER TWIST

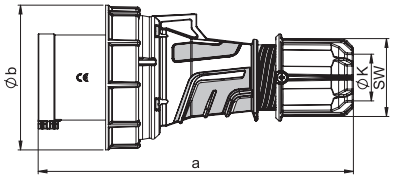


	63 Amp		
Poles	3	4	5
a [mm]	250	250	250
b [mm]	102	102	102
c [mm]	184	184	184
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36
Wire flexible [mm²]		6-16	
Contact screws [Ncm]		200	
SW [mm]	61	61	61
Weight [g]	534	576	625

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

IP44 splashproof

Plug IP66/67 POWER TWIST

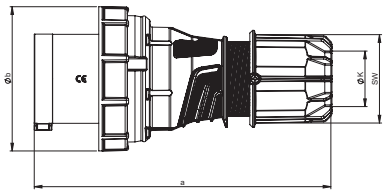


	63 Amp		
Poles	3	4	5
a [mm]	250	250	250
b [mm]	115	115	115
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36
Wire flexible [mm²]		6-16	
Contact screws [Ncm]		200	
SW [mm]	61	61	61
Weight [g]	574	621	670

- 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



	125 Amp		
Poles	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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
63	**3**	2	0331-4	**0331-6**	0331-9	0331-7	0331-10	0331-1
63	**4**	2	0341-4	0341-9	**0341-6**	0341-7	0341-10	0341-1
63	**5**	2	0351-4	0351-9	**0351-6**	0351-7	0351-10	0351-1

0351-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
63	**3**	2	033-4	**033-6**	033-9	033-7	033-10	033-1
63	**4**	2	034-4	034-9	**034-6**	034-7	034-10	034-1
63	**5**	2	035-4	035-9	**035-6**	035-7	035-10	035-1

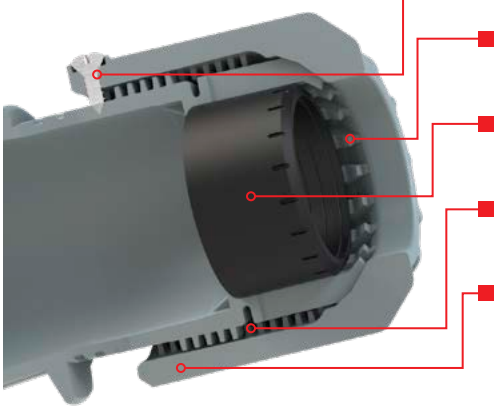
035-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
125	**3**	2	043-4	**043-6**	043-9	043-7	043-10	043-1
125	**4**	2	044-4	044-9	**044-6**	044-7	044-10	044-1
125	**5**	2	045-4	045-9	**045-6**	045-7	045-10	045-1

045-6

Time saving:

- Simple and fast insertion of the cable
- Strain-relief and sealing of the cable by tightning 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

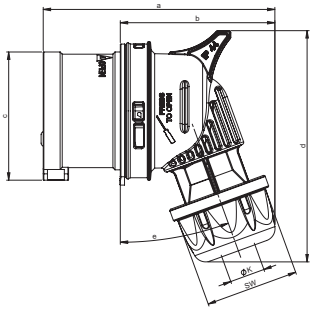
Strain-relief
for very high strain

Sealing
protection degree IP66/IP67

Acme thread
for high force

Cable gland nut
optimum grip

CEE Angled plugs

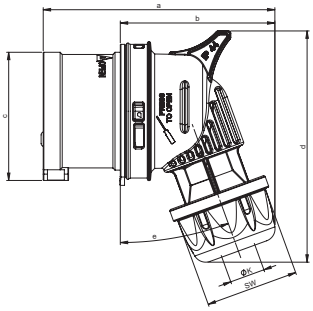


Angled plug IP44 TWIST

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	96	98	107	125	125	137
b [mm]	60	62	71	80	80	92
c [mm]	47	53	61	63	63	70
d [mm]	88	91	102	110	110	121
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. 8015-6**v**

IP44 splashproof

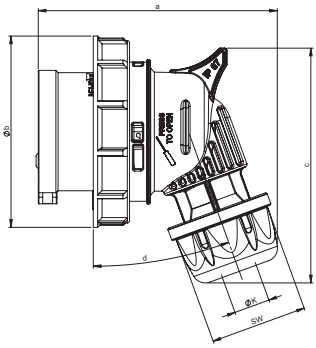


Angled plug IP44 TWIST TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	96	98	107	125	125	137
b [mm]	60	62	71	80	80	92
c [mm]	47	53	61	63	63	70
d [mm]	88	91	102	110	110	121
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. 8015-6TT**v**

IP44 splashproof

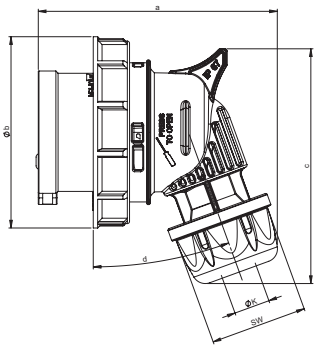


Angled plug IP67 TWIST

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	98	100	109	126	126	136
b [mm]	71	79	87	93	93	100
c [mm]	92	94	107	110	110	118
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. 80152-6**v**

IP67 watertight



Angled plug IP67 TWIST TT

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	98	100	109	126	126	136
b [mm]	71	79	87	93	93	100
c [mm]	92	94	107	110	110	118
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. 80152-6TT**v**

IP67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
16	3	10	8013-4	**8013-6**	8013-9	8013-7	8013-10	8013-1
16	4	10	8014-4	8014-9	**8014-6**	8014-7	8014-10	8014-1
16	5	10	8015-4	8015-9	**8015-6**	8015-7	8015-10	8015-1
32	3	10	8023-4	**8023-6**	8023-9	8023-7	8023-10	8023-1
32	4	10	8024-4	8024-9	**8024-6**	8024-7	8024-10	8024-1
32	5	10	8025-4	8025-9	**8025-6**	8025-7	8025-10	8025-1

8013-6

Amp.	Poles	pack. unit	110V~ Cat.No.	230V~ Cat.No.	400V~ Cat.No.
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**

8013-6TT

Amp.	Poles	pack. unit	110V~ Cat.No.	230V~ Cat.No.	400V~ Cat.No.	500V~ Cat.No.	>50–500V~ Cat.No.	>50V others Cat.No.
16	3	10	80132-4	**80132-6**	80132-9	80132-7	80132-10	80132-1
16	4	10	80142-4	80142-9	**80142-6**	80142-7	80142-10	80142-1
16	5	10	80152-4	80152-9	**80152-6**	80152-7	80152-10	80152-1
32	3	10	80232-4	**80232-6**	80232-9	80232-7	80232-10	80232-1
32	4	10	80242-4	80242-9	**80242-6**	80242-7	80242-10	80242-1
32	5	10	80252-4	80252-9	**80252-6**	80252-7	80252-10	80252-1

80142-6

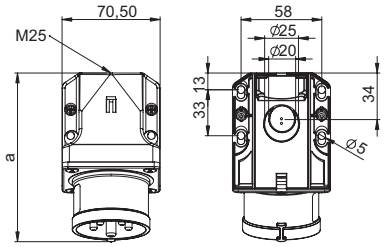
Amp.	Poles	pack. unit	110V~ Cat.No.	230V~ Cat.No.	400V~ Cat.No.
16	3	10	80132-4TT	**80132-6TT**	80132-9TT
16	4	10	80142-4TT	80142-9TT	**80142-6TT**
16	5	10	80152-4TT	80152-9TT	**80152-6TT**
32	3	10	80232-4TT	**80232-6TT**	80232-9TT
32	4	10	80242-4TT	80242-9TT	**80242-6TT**
32	5	10	80252-4TT	80252-9TT	**80252-6TT**

example for connection:

80142-6TT

CEE Wall mounted plugs

Wall mounted plug IP44



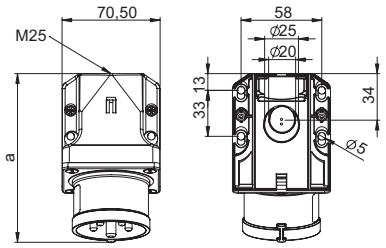
angle=15°

	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. 515-6**v**
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall mounted plug IP44 TT



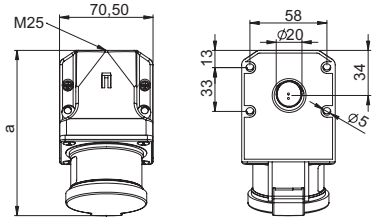
angle=15°

	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. 515-6TT**v**
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall mounted plug with lid IP44



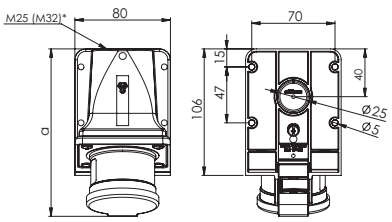
angle=15°

	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. 515-6d**v**
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall mounted plug with lid IP44



angle=15°

	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. 515-6kd**v**
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

*M32 optional on request available

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
16	**3**	10	513-4	**513-6**	513-9	513-7	513-10	513-1
16	**4**	10	514-4	514-9	**514-6**	514-7	514-10	514-1
16	**5**	10	515-4	515-9	**515-6**	515-7	515-10	515-1
32	**3**	10	523-4	**523-6**	523-9	523-7	523-10	523-1
32	**4**	10	524-4	524-9	**524-6**	524-7	524-10	524-1
32	**5**	10	525-4	525-9	**525-6**	525-7	525-10	525-1

515-6

TURBO click TERMINAL

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	513-1d
16	**4**	10	514-4d	514-9d	**514-6d**	514-7d	514-10d	514-1d
16	**5**	10	515-4d	515-9d	**515-6d**	515-7d	515-10d	515-1d
32	**3**	10	523-4d	**523-6d**	523-9d	523-7d	523-10d	523-1d
32	**4**	10	524-4d	524-9d	**524-6d**	524-7d	524-10d	524-1d
32	**5**	10	525-4d	525-9d	**525-6d**	525-7d	525-10d	525-1d

515-6d

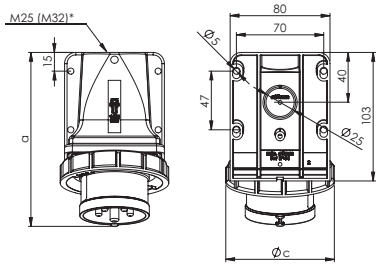
16	**5**	10	515-4kd	515-9kd	**515-6kd**	515-7kd	515-10kd	515-1kd
32	**5**	10	525-4kd	525-9kd	**525-6kd**	525-7kd	525-10kd	525-1kd

525-6kd

Accessories see page 50

CEE Wall mounted plugs

Wall mounted plug IP67



angle=15°

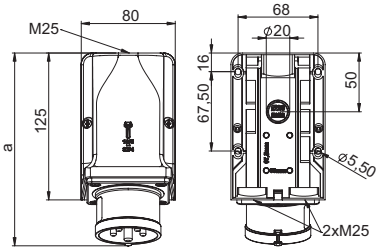
	16 Amp			32 Amp		
Poles	3	4	5		4	5
a [mm]	136	138	140	150	153	152
Height [mm]	99	94	100	104	104	102
c [mm]	71	79	87	93	93	102
M* [mm]	25	25	25	25	25	25
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	200	223	242	260	280	306

*M32 optional on request available

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

IP67 watertight

Wall mounted plug IP44



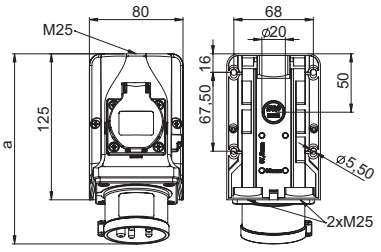
angle=15°

	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

Wall mounted plug - COMBO IP44



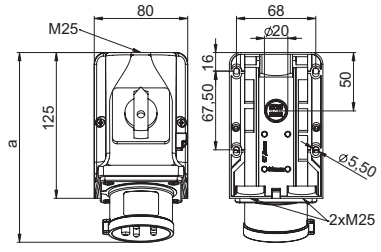
angle=15°

	16 Amp			32 Amp		
Poles	3		5	3		5
a [mm]	162		163	172		173
Height [mm]	117		117	117		118
M [mm]	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		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

Wall mounted plug with switch IP44



angle=15°

	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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
16	3	5	5132-4k	**5132-6k**	5132-9k	5132-7k	5132-10k	5132-1k
16	4	5	5142-4k	5142-9k	**5142-6k**	5142-7k	5142-10k	5142-1k
16	5	5	5152-4k	5152-9k	**5152-6k**	5152-7k	5152-10k	5152-1k
32	3	5	5232-4k	**5232-6k**	5232-9k	5232-7k	5232-10k	5232-1k
32	4	5	5242-4k	5242-9k	**5242-6k**	5242-7k	5242-10k	5242-1k
32	5	5	5252-4k	5252-9k	**5252-6k**	5252-7k	5252-10k	5252-1k

5252-6k

16	3	5	9513-4	**9513-6**	9513-9	9513-7	9513-10	9513-1
16	4	5	9514-4	9514-9	**9514-6**	9514-7	9514-10	9514-1
16	5	5	9515-4	9515-9	**9515-6**	9515-7	9515-10	9515-1
32	3	5	9523-4	**9523-6**	9523-9	9523-7	9523-10	9523-1
32	4	5	9524-4	9524-9	**9524-6**	9524-7	9524-10	9524-1
32	5	5	9525-4	9525-9	**9525-6**	9525-7	9525-10	9525-1

9515-6

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

95225-6

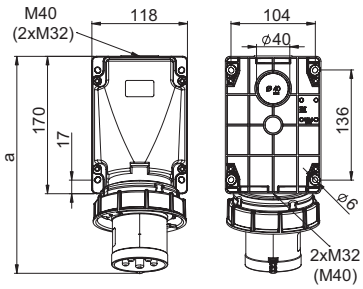
95215-6

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

75615-6

Accessories see page 50

CEE Wall mounted plugs



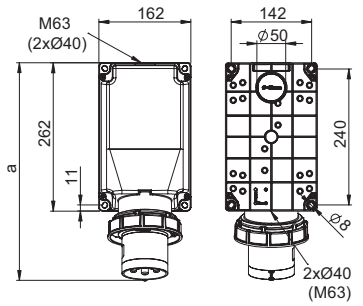
angle=15°

Wall mounted plug IP66/67 POWER TWIST

	63 Amp		
Poles	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



angle=15°

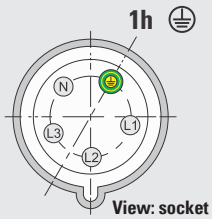
Wall mounted plug IP66/67 POWER TWIST

	125 Amp		
Poles	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

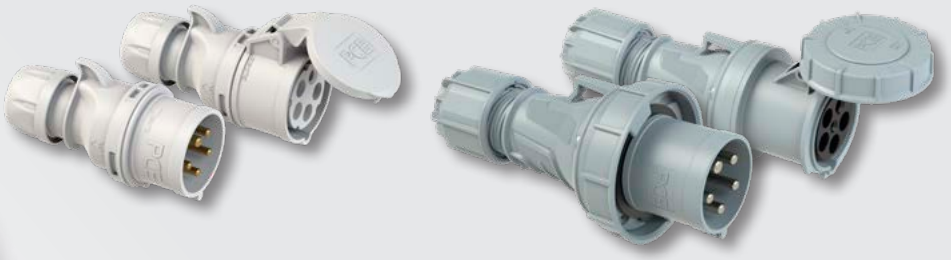
- contact frame with hexagon socket screws
- housing material: PC/ABS
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- top, bottom or rear entry
- housing can be rotated by 180°
- incl. threaded bung
- for waterproof cover and cable-glands see accessories page 51

IP66/67 watertight

CEE Plugs and sockets 1h for Emergency power supply



View: socket or connector 5p 1h



§ According to DIN VDE 0100-551 Bbl 1 (VDE 0100-551 Bbl 1):2019-06, emergency power feeds with mobile power generators carried out by electrical engineering amateurs must use **1 o'clock** coded plugs and sockets (**CEE plugs and sockets 400V 5p 1h** up to max. 125A). For this purpose, an appliance plug must be used on the building side as well as the connection cable (plug and coupling) between the power generator and the feed-in with **1h** position.

Image: Rosenbauer International AG

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

535-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
125	**3**	1	543-4	**543-6**	543-9	543-7	543-10	543-1
125	**4**	1	544-4	544-9	**544-6**	544-7	544-10	544-1
125	**5**	1	545-4	545-9	**545-6**	545-7	545-10	545-1

545-6

CEE Flanged plugs

Connection types:

Screw terminal: 16/32A

Screw terminal

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

Screwless terminal: 16/32A

TURBO TERMINAL »click«

Screwless terminal

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

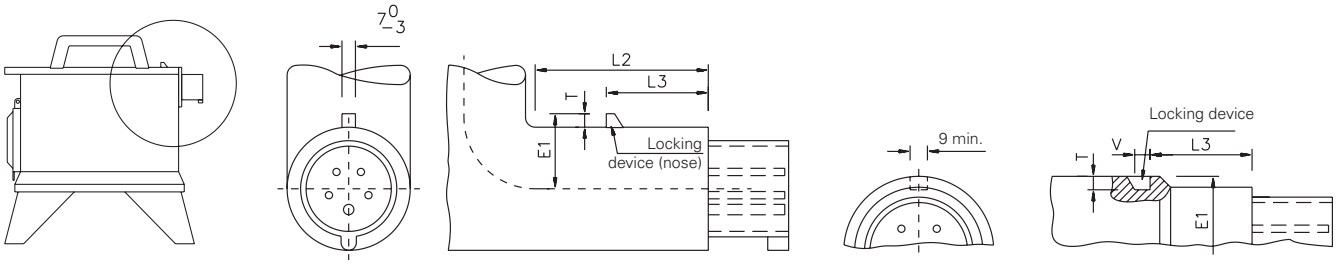
Contact frame: 63/125A

POWER TWIST

Contact frame

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

Locking device:



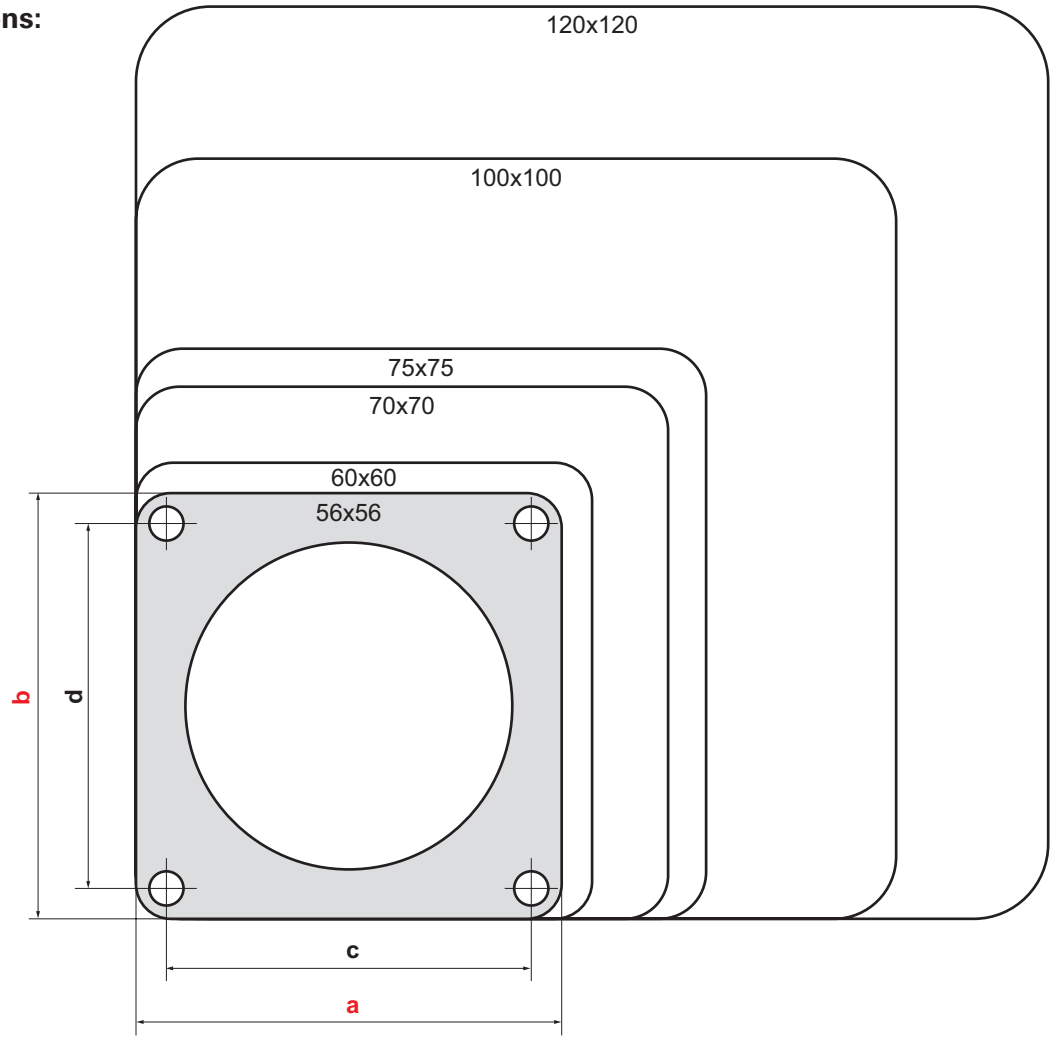
Positioning table (in mm):

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:



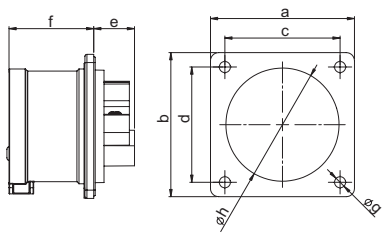
Versions:

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

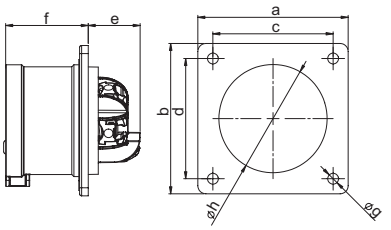


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	21	21	20	21	21	21
f [mm]	42	42	42	51	51	51
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	43	55	55	55	55
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [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. 615-6**v**
- According to EN 60309:
  For correct use a locking device has to be provided (see page 10)

IP44 splashproof

Flanged plug straight IP44 TT

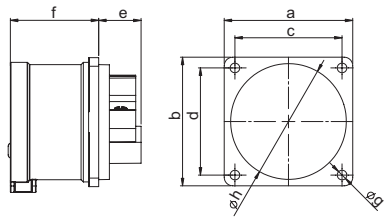


	16 Amp			32 Amp		
Poles	3		5		4	5
Flange a x b [mm]	70		70		70	70
Fixing center c x d [mm]	56		56		56	56
e [mm]	26		26		29	29
f [mm]	42		42		51	51
g [mm]	5,5		5,5		5,5	5,5
h [mm]	43		55		55	55
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	89		122		151	172

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

IP44 splashproof

Flanged plug straight IP44

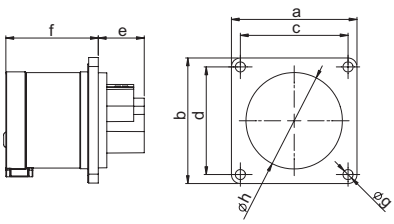


	16 Amp		
Poles	3	4	5
Flange a x b [mm]	60	60	60
Fixing center c x d [mm]	50	50	50
e [mm]	21	21	20
f [mm]	42	42	42
g [mm]	4,5	4,5	4,5
h [mm]	43	43	55
Wire flexible [mm²]	1-2,5		
Wire solid [mm²]	1-4		
Contact screws [Ncm]	100		
Weight [g]	78	93	109

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 615-6f6**v**
- 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. 615-6f3**v**
- According to EN 60309:
  For correct use a locking device has to be provided (see page 10)

IP44 splashproof

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
flange 70 x 70 - fixing center 56 x 56								
16	**3**	10	613-4	**613-6**	613-9	613-7	613-10	613-1
16	**4**	10	614-4	614-9	**614-6**	614-7	614-10	614-1
16	**5**	10	615-4	615-9	**615-6**	615-7	615-10	615-1
32	**3**	10	623-4	**623-6**	623-9	623-7	623-10	623-1
32	**4**	10	624-4	624-9	**624-6**	624-7	624-10	624-1
32	**5**	10	625-4	625-9	**625-6**	625-7	625-10	625-1

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	613-1f6
16	**4**	10	614-4f6	614-9f6	**614-6f6**	614-7f6	614-10f6	614-1f6
16	**5**	10	615-4f6	615-9f6	**615-6f6**	615-7f6	615-10f6	615-1f6

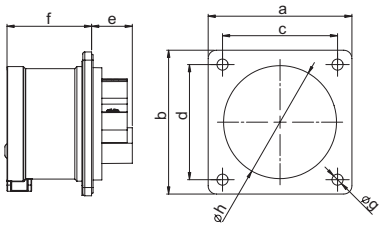
613-6f6

flange 56 x 56 - fixing center 48 x 48								
16	**3**	10	613-4f3	**613-6f3**	613-9f3	613-7f3	613-10f3	613-1f3
16	**4**	10	614-4f3	614-9f3	**614-6f3**	614-7f3	614-10f3	614-1f3

614-6f3

CEE Flanged plugs

Flanged plug straight IP44

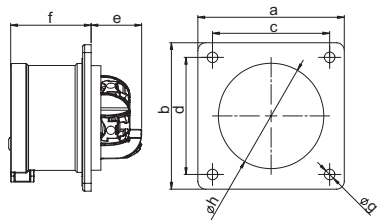


	16 Amp			32 Amp		
Poles			5			5
Flange a x b [mm]			75			75
Fixing center c x d [mm]			60			60
e [mm]			20			21
f [mm]			42			51
g [mm]			5,5			5,5
h [mm]			55			55
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]			121			170

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 615-6f7**v**
- According to EN 60309:
  For correct use a locking device has to be provided (see page 10)

IP44 splashproof

Flanged plug straight IP44 TT

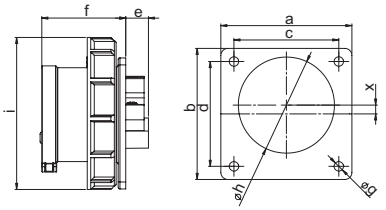


	16 Amp			32 Amp		
Poles			5			5
Flange a x b [mm]			75			75
Fixing center c x d [mm]			60			60
e [mm]			26			29
f [mm]			42			51
g [mm]			5,5			5,5
h [mm]			55			55
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]			126			178

- screwless connection technology
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 615-6TTf7**v**
- According to EN 60309:
  For correct use a locking device has to be provided (see page 10)

IP44 splashproof

Flanged plug straight IP67

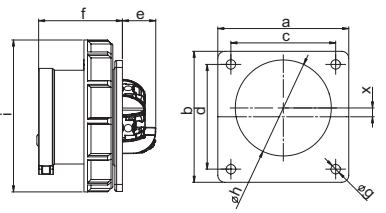


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	75	75	75	75	75	75
Fixing center c x d [mm]	60	60	60	60	60	60
e [mm]	15	14	13	14	15	14
f [mm]	48	48	48	58	58	58
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	44	55	55	55	55
i [mm]	71	79	87	93	93	100
x [mm]	11,3	6	5	4,5	4,5	0
Wire flexible [mm²]	1-2,5			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. 6152-6**v**
- 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. 6152-6tt**v**
- 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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
flange 75 x 75 - fixing center 60 x 60								
16	**5**	10	615-4f7	615-9f7	**615-6f7**	615-7f7	615-10f7	615-1f7
32	**5**	10	625-4f7	625-9f7	**625-6f7**	625-7f7	625-10f7	625-1f7

615-6f7

TURBO click TERMINAL

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

615-6TTf7

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
flange 75 x 75 - fixing center 60 x 60								
16	**3**	10	6132-4	**6132-6**	6132-9	6132-7	6132-10	6132-1
16	**4**	10	6142-4	6142-9	**6142-6**	6142-7	6142-10	6142-1
16	**5**	10	6152-4	6152-9	**6152-6**	6152-7	6152-10	6152-1
32	**3**	10	6232-4	**6232-6**	6232-9	6232-7	6232-10	6232-1
32	**4**	10	6242-4	6242-9	**6242-6**	6242-7	6242-10	6242-1
32	**5**	10	6252-4	6252-9	**6252-6**	6252-7	6252-10	6252-1

6152-6

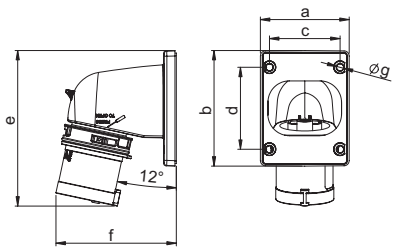
TURBO click TERMINAL

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

6252-6TT

CEE Flanged plugs

Flanged plug angled IP44 TWIST

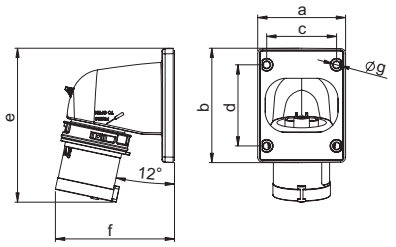


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	66	66	90	90	90	90
b [mm]	86	86	100	100	100	100
c [mm]	53	53	77	77	77	77
d [mm]	61	61	85	85	85	85
e [mm]	116	117	153	163	163	164
f [mm]	90	93	98	100	100	103
g [mm]	5	5	5	5	5	5
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [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. 77715-6**v**

IP44 splashproof

Flanged plug angled IP44 TWIST TT

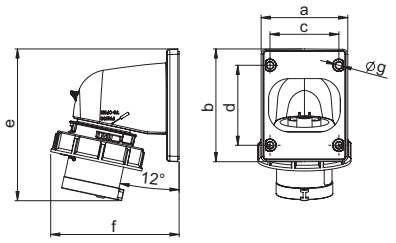


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	66	66	90	90	90	90
b [mm]	86	86	100	100	100	100
c [mm]	53	53	77	77	77	77
d [mm]	61	61	85	85	85	85
e [mm]	116	117	153	163	163	164
f [mm]	90	93	98	100	100	103
g [mm]	5	5	5	5	5	5
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	129	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. 77715-6TT**v**

IP44 splashproof

Flanged plug angled IP67 TWIST

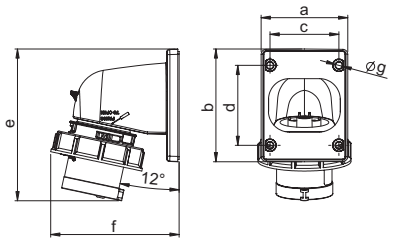


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	66	66	90	90	90	90
b [mm]	86	86	100	100	100	100
c [mm]	53	53	77	77	77	77
d [mm]	61	61	85	85	85	85
e [mm]	116	117	153	163	163	164
f [mm]	99	103	107	110	110	114
g [mm]	5	5	5	5	5	5
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [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. 777152-6**v**

IP67 watertight

Flanged plug angled IP67 TWIST TT



	16 Amp			32 Amp		
Poles	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. 777152-6TT**v**

IP67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
16	**3**	10	77713-4	**77713-6**	77713-9	77713-7	77713-10	77713-1
16	**4**	10	77714-4	77714-9	**77714-6**	77714-7	77714-10	77714-1
16	**5**	10	77715-4	77715-9	**77715-6**	77715-7	77715-10	77715-1
32	**3**	5	77723-4	**77723-6**	77723-9	77723-7	77723-10	77723-1
32	**4**	5	77724-4	77724-9	**77724-6**	77724-7	77724-10	77724-1
32	**5**	5	77725-4	77725-9	**77725-6**	77725-7	77725-10	77725-1

77713-6

TURBO click TERMINAL

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	777132-1
16	**4**	10	777142-4	777142-9	**777142-6**	777142-7	777142-10	777142-1
16	**5**	5	777152-4	777152-9	**777152-6**	777152-7	777152-10	777152-1
32	**3**	5	777232-4	**777232-6**	777232-9	777232-7	777232-10	777232-1
32	**4**	5	777242-4	777242-9	**777242-6**	777242-7	777242-10	777242-1
32	**5**	5	777252-4	777252-9	**777252-6**	777252-7	777252-10	777252-1

777132-6

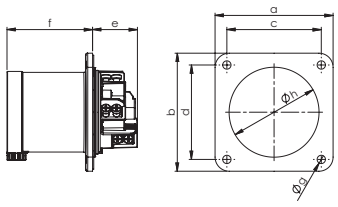
TURBO click TERMINAL

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

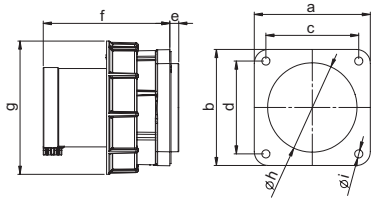


	63 Amp		
Poles	3	4	5
Flange a x b [mm]	100	100	100
Fixing center c x d [mm]	80	80	80
e [mm]	39	39	39
f [mm]	73	73	73
g [mm]	7	7	7
h [mm]	77	77	77
Wire flexible [mm²]	6-16		
Wire solid [mm²]	6-25		
Contact screws [Ncm]	200		
Weight [g]	328	378	427

- 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

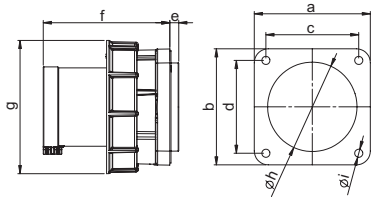


	63 Amp		
Poles	3	4	5
Flange a x b [mm]	100	100	100
Fixing center c x d [mm]	80	80	80
e [mm]	8	8	8
f [mm]	109	109	109
g [mm]	115	115	115
h [mm]	77	77	77
i [mm]	7	7	7
Wire flexible [mm²]	6-16		
Wire solid [mm²]	6-25		
Contact screws [Ncm]	200		
Weight [g]	479	531	570

- 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 [mm²]	16-50		
Wire solid [mm²]	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~ 50/60Hz 4h	230V~ 50/60Hz 3p = 6h 4p+5p = 9h	400V~ 50/60Hz 3p = 9h 4p+5p = 6h	500V~ 50/60Hz 7h	>50–500V~ 100-300Hz 10h	>50V others 1h
			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	6331-1k
63	**4**	2	6341-4k	6341-9k	**6341-6k**	6341-7k	6341-10k	6341-1k
63	**5**	2	6351-4k	6351-9k	**6351-6k**	6351-7k	6351-10k	6351-1k

6351-6k

flange 100 x 100 - fixing center 80 x 80								
63	**3**	2	633-4	**633-6**	633-9	633-7	633-10	633-1
63	**4**	2	634-4	634-9	**634-6**	634-7	634-10	634-1
63	**5**	2	635-4	635-9	**635-6**	635-7	635-10	635-1

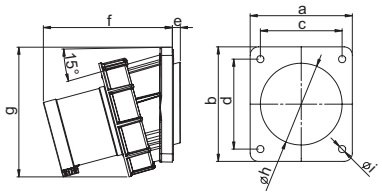
635-6

flange 120 x 120 - fixing center 100 x 100								
125	**3**	2	643-4	**643-6**	643-9	643-7	643-10	643-1
125	**4**	2	644-4	644-9	**644-6**	644-7	644-10	644-1
125	**5**	2	645-4	645-9	**645-6**	645-7	645-10	645-1

645-6

CEE Flanged plugs

Flanged plug sloping IP66/67 POWER TWIST

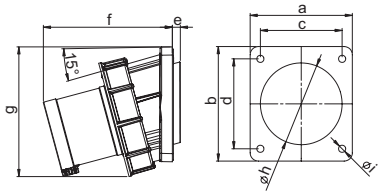


	63 Amp		
Poles	3	4	5
a [mm]	100	100	100
b [mm]	112	112	112
c [mm]	80	80	80
d [mm]	88	88	88
e [mm]	8	8	8
f [mm]	127	127	127
g [mm]	127	127	127
h [mm]	80	80	80
i [mm]	7	7	7
Wire flexible [mm²]	6-16		
Wire solid [mm²]	6-25		
Contact screws [Ncm]	200		
Weight [g]	515	566	608

- 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

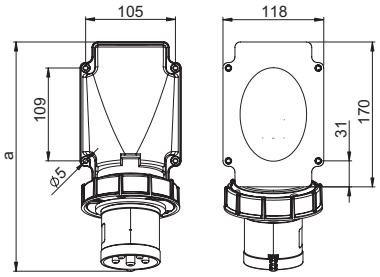


	125 Amp		
Poles	3	4	5
a [mm]	120	120	120
b [mm]	130	130	130
c [mm]	100	100	100
d [mm]	108	108	108
e [mm]	8	8	8
f [mm]	139	139	139
g [mm]	145	145	145
h [mm]	100	100	100
i [mm]	7	7	7
Wire flexible [mm²]	16-50		
Wire solid [mm²]	16-70		
Contact screws [Ncm]	450		
Weight [g]	833	942	1044

- 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

Flanged plug IP66/67 POWER TWIST



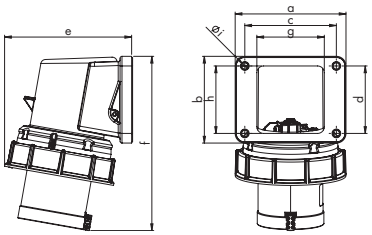
angle=15°

	63 Amp		
Poles	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



	63 Amp		
Poles	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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
flange 100 x 112 - fixing center 80 x 88								
63	**3**	2	733-4	**733-6**	733-9	733-7	733-10	733-1
63	**4**	2	734-4	734-9	**734-6**	734-7	734-10	734-1
63	**5**	2	735-4	735-9	**735-6**	735-7	735-10	735-1

735-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
flange 120 x 130 - fixing center 100 x 108								
125	**3**	2	743-4	**743-6**	743-9	743-7	743-10	743-1
125	**4**	2	744-4	744-9	**744-6**	744-7	744-10	744-1
125	**5**	2	745-4	745-9	**745-6**	745-7	745-10	745-1

745-6

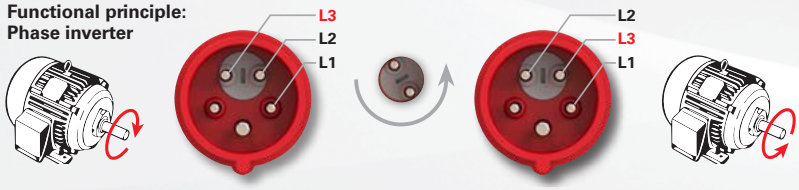
Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
flange 118 x 170 - fixing center 105 x 109								
63	**3**	2	77733-4	**77733-6**	77733-9	77733-7	77733-10	77733-1
63	**4**	2	77734-4	77734-9	**77734-6**	77734-7	77734-10	77734-1
63	**5**	2	77735-4	77735-9	**77735-6**	77735-7	77735-10	77735-1

77735-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
flange 116 x 91 - fixing center 95 x 70								
63	**3**	2	77733-4k	**77733-6k**	77733-9k	77733-7k	77733-10k	77733-1k
63	**4**	2	77734-4k	77734-9k	**77734-6k**	77734-7k	77734-10k	77734-1k
63	**5**	2	77735-4k	77735-9k	**77735-6k**	77735-7k	77735-10k	77735-1k

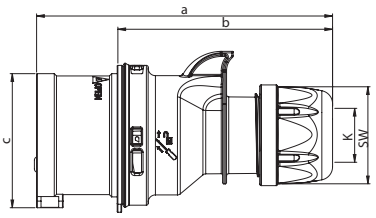
77735-6k

Functional principle:
Phase inverter



CEE Phase inverters

Phase inverter plug IP44/54 SHARK

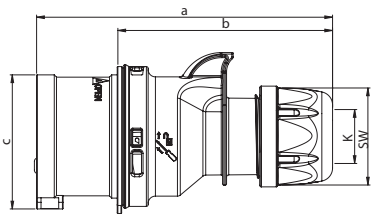


	16 Amp		32 Amp	
Poles	4	5	4	5
a [mm]	128	134	150	155
b [mm]	92	98	104	109
c [mm]	53	61	63	70
K_cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]	42	42	50	50
Weight [g]	131	154	204	236

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

IP44/54 splash- and dustproof

Phase inverter plug IP44/54 SHARK TT

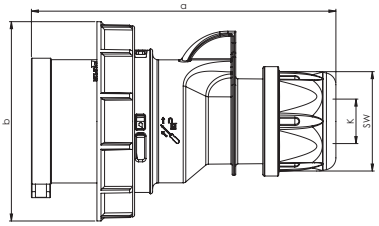


	16 Amp		32 Amp	
Poles		5		5
a [mm]		134		155
b [mm]		98		109
c [mm]		61		70
K_cable Ø [mm]		8-16		11,5-22
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]		42		50
Weight [g]		156		237

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

IP44/54 splash- and dustproof

Phase inverter plug IP66/67 SHARK

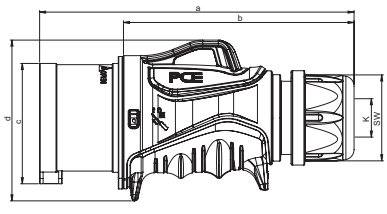


	16 Amp		32 Amp	
Poles	4	5	4	5
a [mm]	128	134	150	155
b [mm]	79	87	93	100
K_cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]	42	42	50	50
Weight [g]	153	183	245	280

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

IP66/67 watertight

Phase inverter plug IP44/54 GRIP

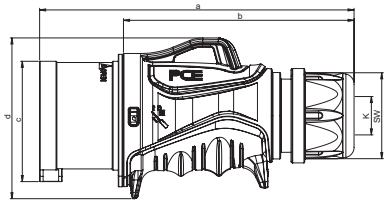


	16 Amp		32 Amp	
Poles		5		5
a [mm]		157		182
b [mm]		117		134
c [mm]		61		70
d [mm]		79		93
K_cable Ø [mm]		8-16		11,5-22
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]		42		50
Weight [g]		180		273

- 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

Amp.	Poles	pack. unit	230V~ 50/60Hz 4p=**9h** Cat.No.	400V~ 50/60Hz 4p+5p=**6h** Cat.No.
16	**4**	10	7014-9	7014-6
16	**5**	10		**7015-6**
32	**4**	10	7024-9	7024-6
32	**5**	10		**7025-6**

7015-6

16	**5**	10		**7015-6TT**
32	**5**	10		**7025-6TT**

7015-6TT

16	**4**	10	70142-9	70142-6
16	**5**	10		**70152-6**
32	**4**	10	70242-9	70242-6
32	**5**	10		**70252-6**

70252-6

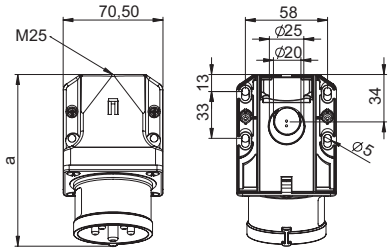
16	**5**	10		**70153-6**
32	**5**	10		**70253-6**

70253-6

16	**5**	10		**70153-6TT**
32	**5**	10		**70253-6TT**

70153-6TT

CEE Phase inverters



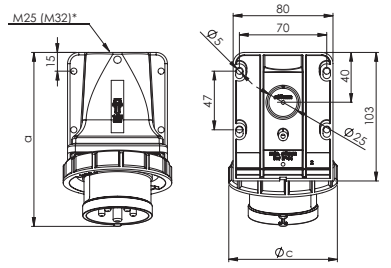
angle=15°

Phase inverter - Wall mounted plug IP44

	16 Amp			32 Amp	
Poles			5	4	5
a [mm]			122	131	132
Height [mm]			79	85	85
M [mm]			25	25	25
Wire flexible class 5 or 6 [mm²]	1-2,5			2,5-6	
Contact screws [Ncm]	100			110	
Weight [g]			205	234	255

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

IP44 splashproof



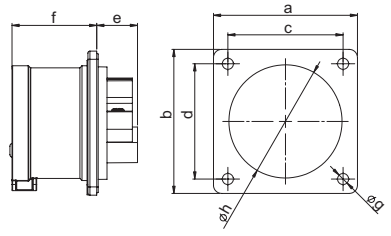
angle=15°

Phase inverter - Wall mounted plug IP67

	16 Amp			32 Amp	
Poles			5	4	5
a [mm]			140	153	152
Height [mm]			100	104	102
c [mm]			87	93	102
M* [mm]			25	25	25
Wire flexible class 5 or 6 [mm²]	1-2,5			2,5-6	
Contact screws [Ncm]	100			110	
Weight [g]			241	276	307

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts
- top and rear entry

IP67 watertight

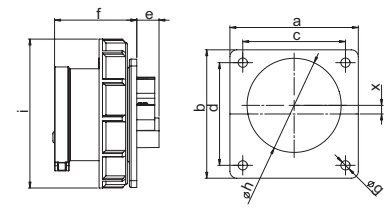


Phase inverter - Flanged plug straight IP44

	16 Amp			32 Amp	
Poles			5	4	5
Flange a x b [mm]			70	70	70
Fixing center c x d [mm]			56	56	56
e [mm]			20	21	21
f [mm]			42	51	51
g [mm]			5,5	5,5	5,5
h [mm]			55	55	55
Wire flexible class 5 or 6 [mm²]	1-2,5			2,5-6	
Contact screws [Ncm]	100			110	
Weight [g]			118	146	167

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

IP44 splashproof



Phase inverter - Flanged plug straight IP67

	16 Amp			32 Amp	
Poles			5	4	5
Flange a x b [mm]			75	75	75
Fixing center c x d [mm]			60	60	60
e [mm]			13	15	14
f [mm]			48	58	58
g [mm]			5,5	5,5	5,5
h [mm]			55	55	55
i [mm]			87	93	100
x [mm]			5	4,5	0
Wire flexible class 5 or 6 [mm²]	1-2,5			2,5-6	
Contact screws [Ncm]	100			110	
Weight [g]			150	185	215

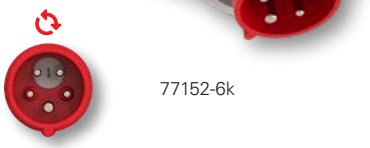
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts
- According to EN 60309:
  For correct use a locking device has to be provided (see page 10)
- for 16A 5p and 32 5p the plug is placed off centered for keeping the standards

IP67 **watertight**

Amp.	Poles	pack. unit	230V~ 50/60Hz 4p=**9h** Cat.No.	400V~ 50/60Hz 4p+5p=**6h** Cat.No.	
16	**5**	10		7715-6	
16	**5**	10		7715-6d	with cap
32	**4**	10	7724-9	7724-6	
32	**4**	10	7724-9d	7724-6d	with cap
32	**5**	10		**7725-6**	
32	**5**	10		7725-6d	with cap

7715-6

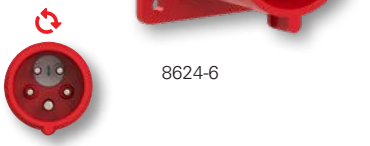
16	**5**	5		**77152-6k**	
32	**4**	5	77242-9k	77242-6k	
32	**5**	5		**77252-6k**	



77152-6k

flange 70 x 70 - fixing center 56 x 56

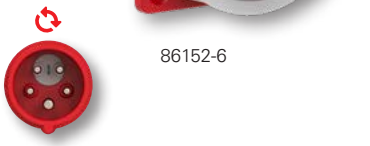
16	**5**	10		**8615-6**	
32	**4**	10	8624-9	8624-6	
32	**5**	10		**8625-6**	



8624-6

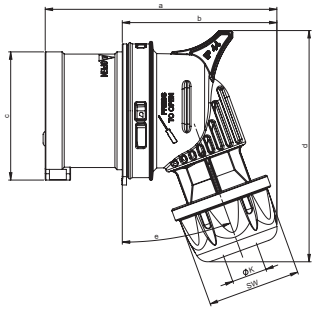
flange 75 x 75 - fixing center 60 x60

16	**5**	10		**86152-6**	
32	**4**	10	86242-9	86242-6	
32	**5**	10		**86252-6**	



86152-6

CEE Phase inverters

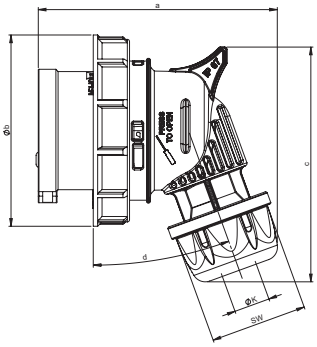


Phase inverter - Angled plug IP44 TWIST

	16 Amp		32 Amp	
Poles	4	5	4	5
a [mm]	98	107	125	137
b [mm]	62	71	80	92
c [mm]	53	61	63	70
d [mm]	91	102	110	121
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

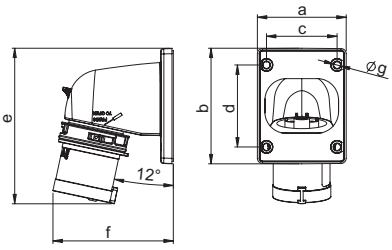


Phase inverter - Angled plug IP67 TWIST

	16 Amp		32 Amp	
Poles	4	5	4	5
a [mm]	100	109	126	136
b [mm]	79	87	93	100
c [mm]	94	107	110	118
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

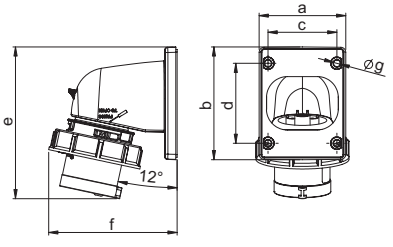


Phase inverter - Flanged plug angled IP44 TWIST

	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

Amp.	Poles	pack. unit	230V~ 50/60Hz 4p=**9h** Cat.No.	400V~ 50/60Hz 4p+5p=**6h** Cat.No.
16	**4**	10	7414-9	7414-6
16	**5**	10		**7415-6**
32	**4**	10	7424-9	7424-6
32	**5**	10		**7425-6**

7414-6

Amp.	Poles	pack. unit	230V~ 50/60Hz 4p=**9h** Cat.No.	400V~ 50/60Hz 4p+5p=**6h** Cat.No.
16	**4**	10	74142-9	74142-6
16	**5**	10		**74152-6**
32	**4**	10		74242-6
32	**5**	10		**74252-6**

74142-6

Amp.	Poles	pack. unit	230V~ 50/60Hz 4p=**9h** Cat.No.	400V~ 50/60Hz 4p+5p=**6h** Cat.No.
16	**4**	10	77814-9	77814-6
16	**5**	5		**77815-6**
32	**4**	5	77824-9	77824-6
32	**5**	5		**77825-6**

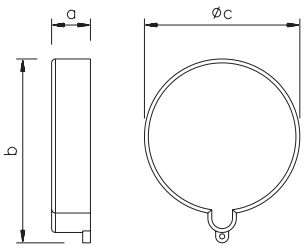
77814-6

Amp.	Poles	pack. unit	230V~ 50/60Hz 4p=**9h** Cat.No.	400V~ 50/60Hz 4p+5p=**6h** Cat.No.
16	**4**	10	778142-9	778142-6
16	**5**	5		778152-6
32	**4**	5	778242-9	778242-6
32	**5**	5		778252-6

778152-6

Accessories

Dust cap 16A and 32A



	16 Amp			32 Amp		
Poles	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

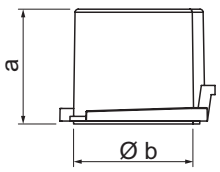
- for plugs and appliance plugs to protect contacts against dust
- material: TPE/PP

Dust cap 63A and 125A

	63 Amp			125 Amp		
Poles	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

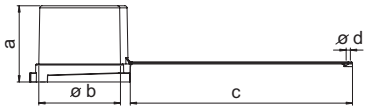


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	40	40	40	50	50	50
b [mm]	48	54	62	62	62	69
Weight [g]	16	19	26	27	27	33

- 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



	63 Amp			125 Amp		
Poles	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.
16	3		ts613g
16	4		ts614g
16	5		ts615g
32	3		ts623g
32	4		
32	5		ts625g

Amp.	Poles	pack. unit	Cat.No.
63	3		ts635g
63	4		
63	5		
125	3		ts645g
125	4		
125	5		

Amp.	Poles	pack. unit	Cat.No.
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

Amp.	Poles	pack. unit	Cat.No.
63	3		ts7632g
63	4		
63	5		
125	3		ts1252g
125	4		
125	5		

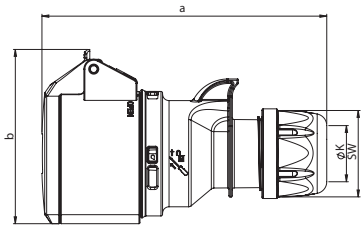
Cable gland IP68, black

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 IP44/54 SHARK

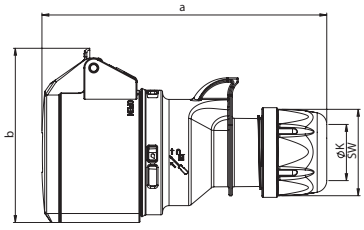


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	133	138	145	161	161	168
b [mm]	74	82	89	94	94	99
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	134	161	180	228	244	270

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

IP44/54 splash- and dustproof

Connector IP44/54 SHARK TT

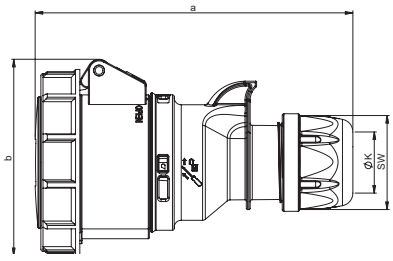


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	133	138	145	161	161	168
b [mm]	74	82	89	94	94	99
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
SW [mm]	42	42	42	50	50	50
Weight [g]	136	161	193	228	243	271

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

IP44/54 splash- and dustproof

Connector IP66/67 SHARK

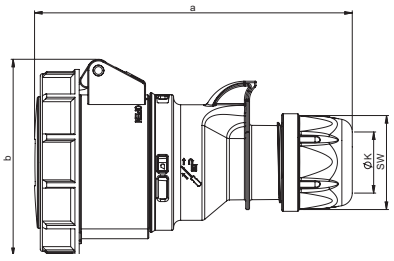


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	132	139	147	163	163	171
b [mm]	78	84	92	96	96	102
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	155	186	215	275	292	338

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

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. 2152-6TT**v**

IP66/67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
16	**3**	10	213-4	**213-6**	213-9	213-7	213-10	213-1
16	**4**	10	214-4	214-9	**214-6**	214-7	214-10	214-1
16	**5**	10	215-4	215-9	**215-6**	215-7	215-10	215-1
32	**3**	10	223-4	**223-6**	223-9	223-7	223-10	223-1
32	**4**	10	224-4	224-9	**224-6**	224-7	224-10	224-1
32	**5**	10	225-4	225-9	**225-6**	225-7	225-10	225-1

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

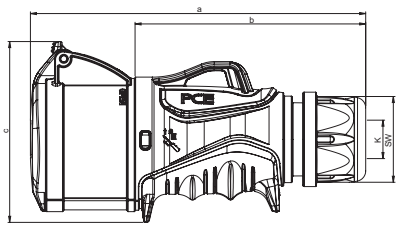
16	**3**	10	2132-4	**2132-6**	2132-9	2132-7	2132-10	2132-1
16	**4**	10	2142-4	2142-9	**2142-6**	2142-7	2142-10	2142-1
16	**5**	10	2152-4	2152-9	**2152-6**	2152-7	2152-10	2152-1
32	**3**	10	2232-4	**2232-6**	2232-9	2232-7	2232-10	2232-1
32	**4**	10	2242-4	2242-9	**2242-6**	2242-7	2242-10	2242-1
32	**5**	10	2252-4	2252-9	**2252-6**	2252-7	2252-10	2252-1

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

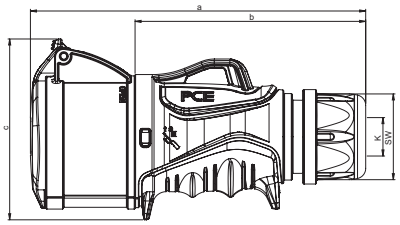


Connector IP44/54 GRIP

	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. 2153-6**v**

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. 2153-6TT**v**

IP44/54 splashproof

STANDARD
with screw terminals

TURBO TERMINAL
screwless connection technology

MIDNIGHT
also available in „black“ with screw terminals

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
16	**5**	10	2153-4	2153-9	**2153-6**			
32	**5**	10	2253-4	2253-9	**2253-6**			

2153-6

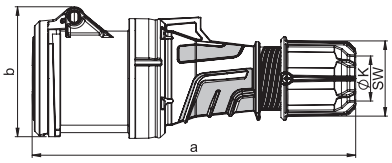
16	**5**	10	2153-4TT	2153-9TT	**2153-6TT**			
32	**5**	10	2253-4TT	2253-9TT	**2253-6TT**			

2253-6TT

MORE GRIP
MORE „POWER“

The CEE plugs and connectors of the GRIP series with rubberized surfaces provide more safety and perfect grip for all applications

Connector IP44 POWER TWIST

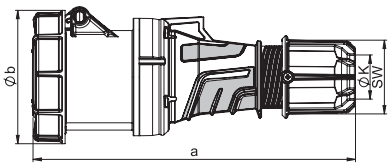


	63 Amp		
Poles	3	4	5
a [mm]	269	269	269
b [mm]	107	107	107
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36
Wire flexible [mm²]		6-16	
Contact screws [Ncm]		200	
SW [mm]	61	61	61
Weight [g]	628	668	724

- contact frame with screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
  - **to order with pilot contact add a „5“** e.g. 233**5**1-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 233**6**1-6 (see page 8)

IP44 splashproof

Connector IP66/67 POWER TWIST

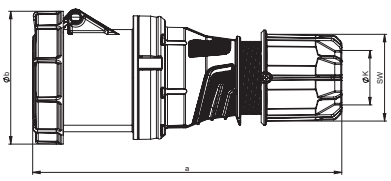


	63 Amp		
Poles	3	4	5
a [mm]	269	269	269
b [mm]	114	114	114
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36
Wire flexible [mm²]		6-16	
Contact screws [Ncm]		200	
SW [mm]	61	61	61
Weight [g]	673	714	772

- contact frame with screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
  - **to order with pilot contact add a „5“** e.g. 233**5**-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 233**6**-6 (see page 8)

IP66/67 watertight

Connector IP66/67 POWER TWIST



	125 Amp		
Poles	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. 243**5**-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 243**6**-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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
63	**3**	2	2331-4	**2331-6**	2331-9	2331-7	2331-10	2331-1
63	**4**	2	2341-4	2341-9	**2341-6**	2341-7	2341-10	2341-1
63	**5**	2	2351-4	2351-9	**2351-6**	2351-7	2351-10	2351-1

2351-6

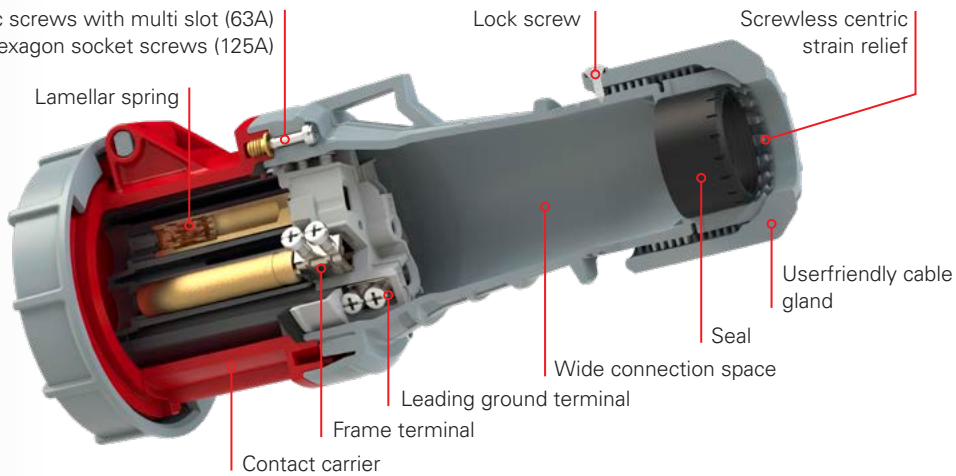
Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
63	**3**	2	233-4	**233-6**	233-9	233-7	233-10	233-1
63	**4**	2	234-4	234-9	**234-6**	234-7	234-10	234-1
63	**5**	2	235-4	235-9	**235-6**	235-7	235-10	235-1

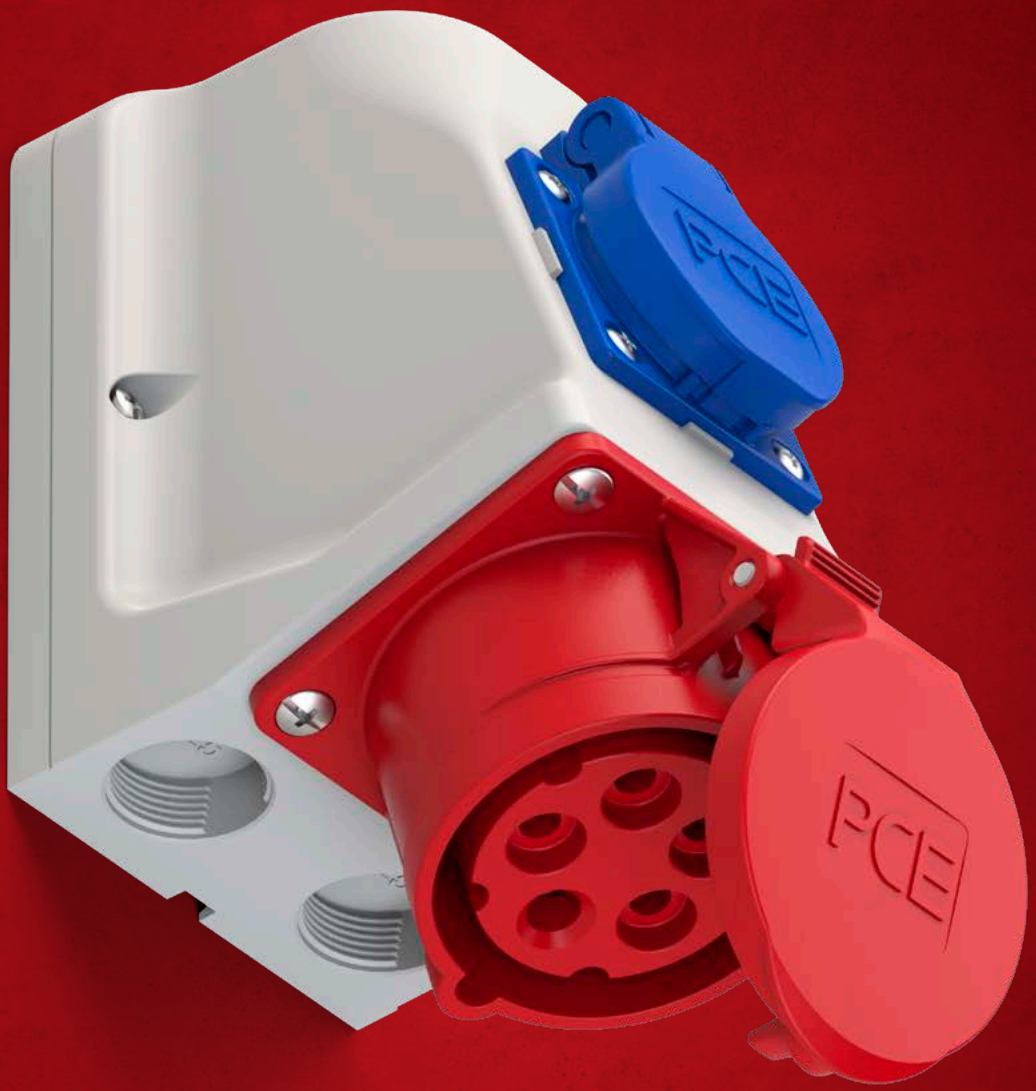
235-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
125	**3**	2	243-4	**243-6**	243-9	243-7	243-10	243-1
125	**4**	2	244-4	244-9	**244-6**	244-7	244-10	244-1
125	**5**	2	245-4	245-9	**245-6**	245-7	245-10	245-1

245-6

One contact
for extreme environments




PCE
PCE

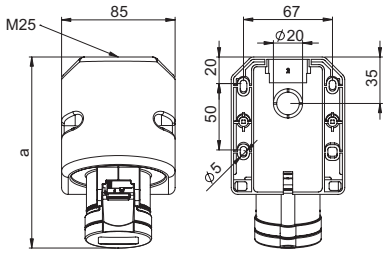
CEE WALL AND FLANGED SOCKETS

16A – 125A

		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



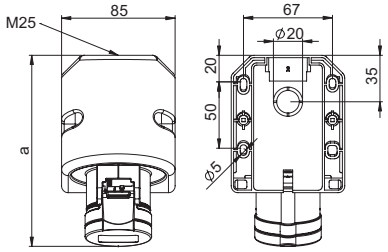
angle=15°

	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 [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	226	240	259	270	291	318

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

IP44 splashproof

Wall socket IP44 TT



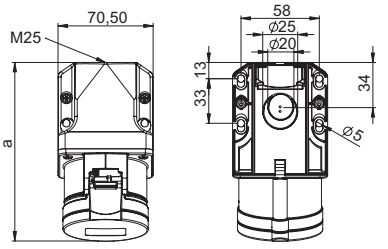
angle=15°

	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 [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	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. 115-6TT**v**
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall socket IP44



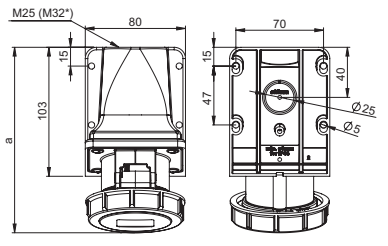
angle=15°

	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 [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	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. 115-6k**v**
  - to order Turbo Terminal design (screwless connection technology) please add a „**TT**" e.g. 115-6k**TT**
- top and rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall socket IP67



angle=15°

	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 [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	226	241	275	298	314	351

*M32 optional on request available

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

IP67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
16	**3**	10	113-4	**113-6**	113-9	113-7	113-10	113-1
16	**4**	10	114-4	114-9	**114-6**	114-7	114-10	114-1
16	**5**	10	115-4	115-9	**115-6**	115-7	115-10	115-1
32	**3**	10	123-4	**123-6**	123-9	123-7	123-10	123-1
32	**4**	10	124-4	124-9	**124-6**	124-7	124-10	124-1
32	**5**	10	125-4	125-9	**125-6**	125-7	125-10	125-1

113-6

TURBO click TERMINAL

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**			

113-6TT

16	**3**	10	113-4k	**113-6k**	113-9k	113-7k	113-10k	113-1k
16	**4**	10	114-4k	114-9k	**114-6k**	114-7k	114-10k	114-1k
16	**5**	10	115-4k	115-9k	**115-6k**	115-7k	115-10k	115-1k
32	**3**	10	123-4k	**123-6k**	123-9k	123-7k	123-10k	123-1k
32	**4**	10	124-4k	124-9k	**124-6k**	124-7k	124-10k	124-1k
32	**5**	10	125-4k	125-9k	**125-6k**	125-7k	125-10k	125-1k

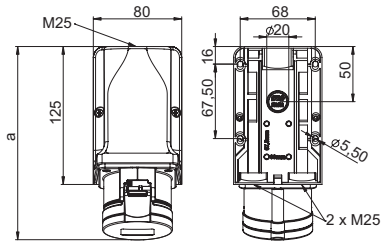
115-6k

16	**3**	5	1132-4	**1132-6**	1132-9	1132-7	1132-10	1132-1
16	**4**	5	1142-4	1142-9	**1142-6**	1142-7	1142-10	1142-1
16	**5**	5	1152-4	1152-9	**1152-6**	1152-7	1152-10	1152-1
32	**3**	5	1232-4	**1232-6**	1232-9	1232-7	1232-10	1232-1
32	**4**	5	1242-4	1242-9	**1242-6**	1242-7	1242-10	1242-1
32	**5**	5	1252-4	1252-9	**1252-6**	1252-7	1252-10	1252-1

1152-6

CEE Wall sockets

Wall socket IP44



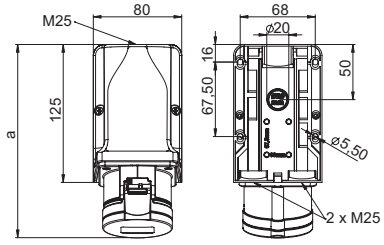
angle=15°

	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 [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. 915-6**v**
  - to order Turbo Terminal design (screwless connection technology) please add a „**TT**" e.g. 915-6**TT**
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall socket IP44



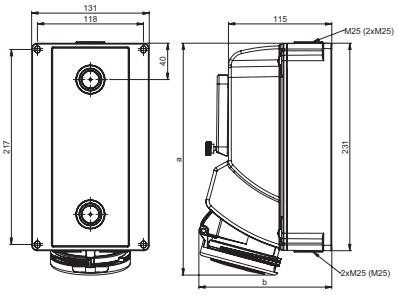
angle=15°

	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 [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. 915-6w**v**
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall socket with window IP44



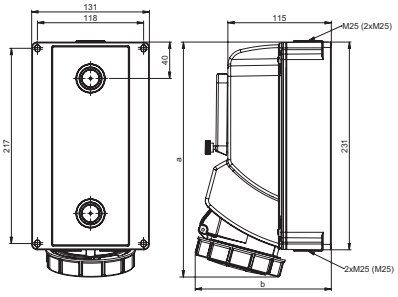
	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	249	249	249	259	259	259
b [mm]	141	141	141	142	142	148
M* [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	917	922	967	972	985	1033

* Option: M32 or closed

- 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

Wall socket with window IP67



	16 Amp			32 Amp		
Poles	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 [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Weight [g]	952	957	1002	1007	1020	1068

* Option: M32 or closed

- 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

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
16	**3**	5	913-4	**913-6**	913-9	913-7	913-10	913-1
16	**4**	5	914-4	914-9	**914-6**	914-7	914-10	914-1
16	**5**	5	915-4	915-9	**915-6**	915-7	915-10	915-1
32	**3**	5	923-4	**923-6**	923-9	923-7	923-10	923-1
32	**4**	5	924-4	924-9	**924-6**	924-7	924-10	924-1
32	**5**	5	925-4	925-9	**925-6**	925-7	925-10	925-1

915-6

16	**3**	5	913-4w	**913-6w**	913-9w	913-7w	913-10w	913-1w
16	**4**	5	914-4w	914-9w	**914-6w**	914-7w	914-10w	914-1w
16	**5**	5	915-4w	915-9w	**915-6w**	915-7w	915-10w	915-1w
32	**3**	5	923-4w	**923-6w**	923-9w	923-7w	923-10w	923-1w
32	**4**	5	924-4w	924-9w	**924-6w**	924-7w	924-10w	924-1w
32	**5**	5	925-4w	925-9w	**925-6w**	925-7w	925-10w	925-1w

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		

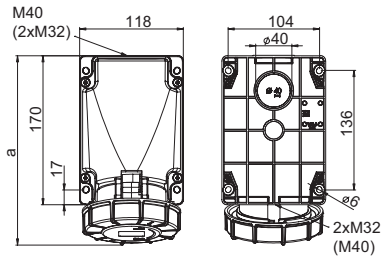
75253-6

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

Wall socket IP66/67 POWER TWIST



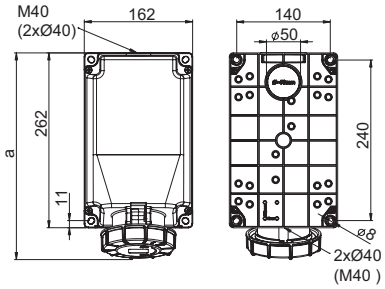
angle=15°

	63 Amp		
Poles	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. 133**5**-6 (see page 8)
  - to order with pilot contact system (PCS) add a „**6**“ e.g. 133**6**-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

Wall socket IP66/67 POWER TWIST



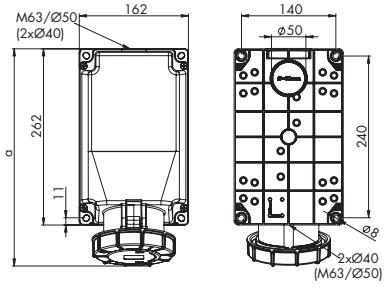
angle=15°

	63 Amp		
Poles	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. 135**7**5-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 135**7**6-6 (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

Wall socket IP66/67 POWER TWIST



angle=15°

	125 Amp		
Poles	3	4	5
a [mm]	322	322	322
Height [mm]	205	205	205
Wire flexible [mm²]	16-50		
Wire solid [mm²]	16-70		
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. 145**5**-6 (see page 8)
  - to order with pilot contact system (PCS) add a „**6**“ e.g. 145**6**-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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
Basic unit HxWxD = 170x118x173; 1xM40; 2xM32								
63	**3**	1	133-4	**133-6**	133-9	133-7	133-10	133-1
63	**4**	1	134-4	134-9	**134-6**	134-7	134-10	134-1
63	**5**	1	135-4	135-9	**135-6**	135-7	135-10	135-1

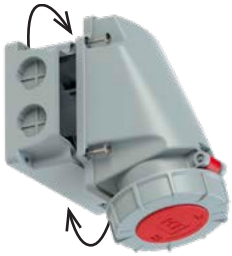
135-6

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

1357-6

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

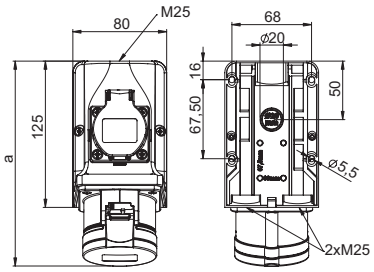
145-6



Accessories (cable glands) see page 50

CEE Wall sockets COMBO

Wall socket COMBO IP44



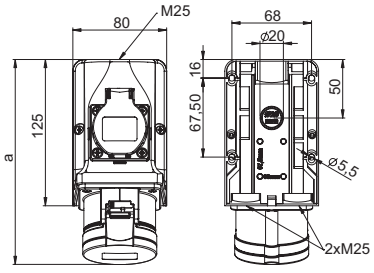
angle=15°

	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. 9215-6**v**
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall socket COMBO IP44



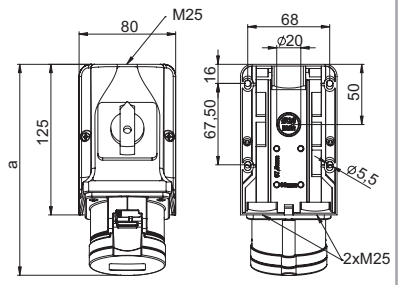
angle=15°

	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. 9215-6w**v**
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall socket with switch IP44



angle=15°

	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. 75915-6**v**
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof

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

9215-6

Amp.	Poles	pack. unit		
16	**3**	5	**9213-6w**	
16	**4**	5	9214-9w	**9214-6w**
16	**5**	5		**9215-6w**
32	**3**	5	**9223-6w**	
32	**4**	5		**9224-6w**
32	**5**	5		**9225-6w**

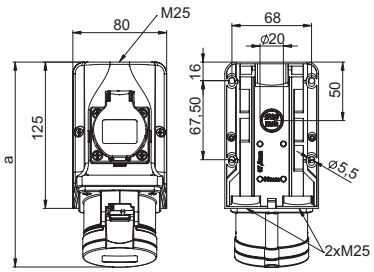
9215-6w

Amp.	Poles	pack. unit		
16	**5**	5		**75915-6**
32	**5**	5		**75925-6**

75915-6

CEE Wall sockets COMBO

Wall socket COMBO IP44



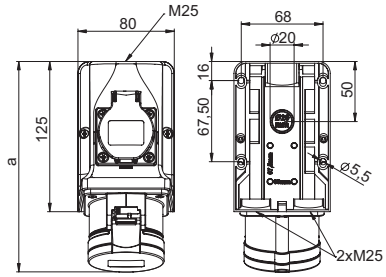
angle=15°

	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. 9215-6f**v**
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof

Wall socket COMBO IP44



angle=15°

	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. 9215-6fw**v**
- top, 2x bottom or rear entry
- incl. threaded cable grommet

IP44 splashproof

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

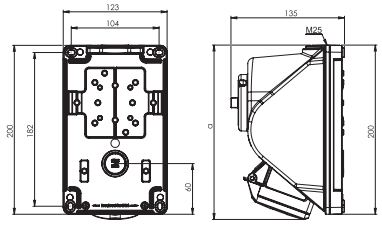
9215-6f

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

9215-6fw

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

CEE Wall sockets COMBO-POL

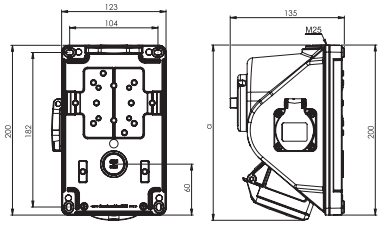


Wall socket COMBO-POL with flanged socket sloping

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	208	209	207	211	211	212
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	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

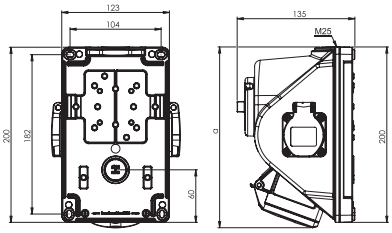


Wall socket COMBO-POL with flanged socket sloping

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	208	209	207	211	211	212
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	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 [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	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 outlets	System	Cat.No.	Switch	# Socket outlets	System
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-0-R	0					
16	**5**	1	960615501	L-0-R	0					
32	**4**	1	960624501	L-0-R	0					
32	**5**	1	960625501	L-0-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:

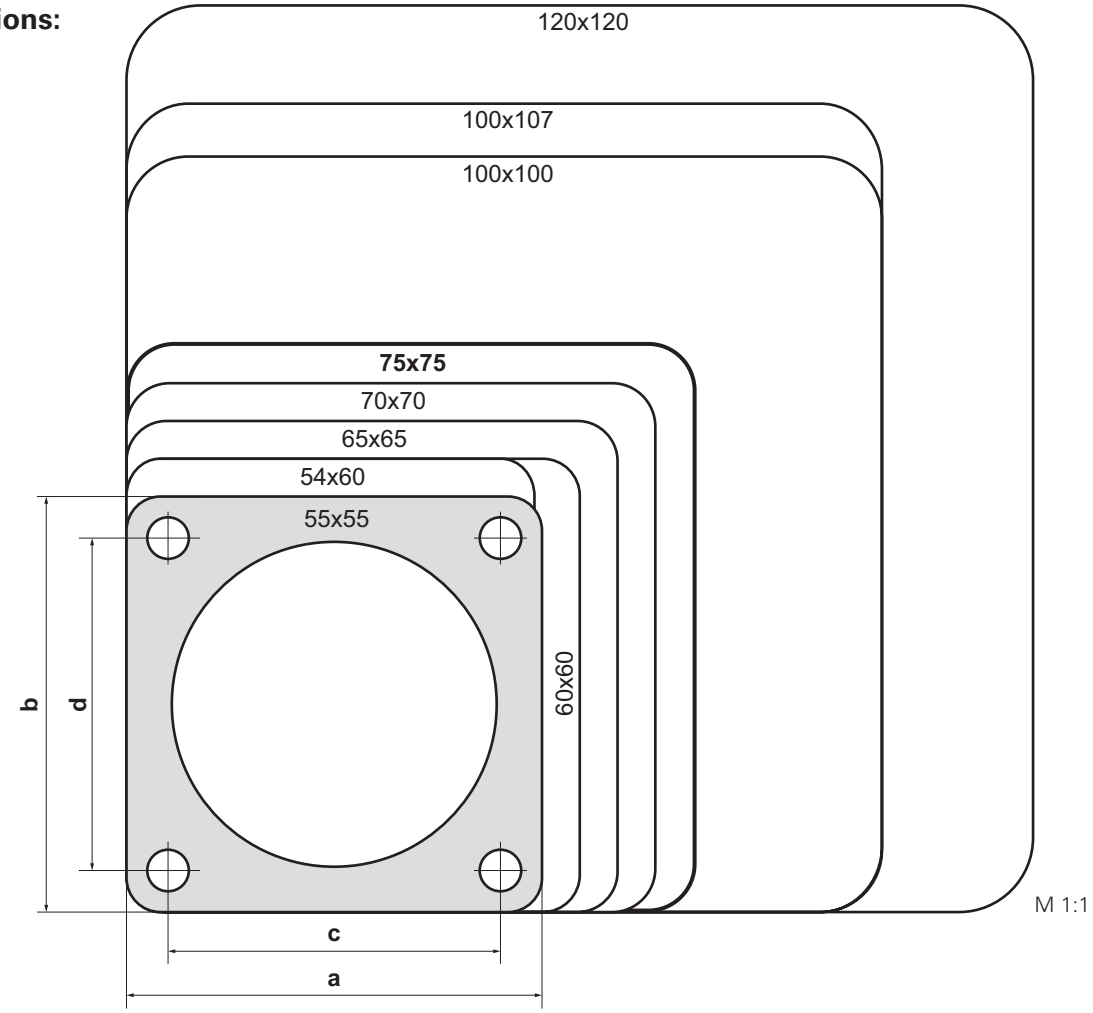
- 16A / 32A / 63A / 125A
- Contacts: brass or nickel-plated
- Screw terminal or screwless version
- Different flange sizes and fixing centers
- straight or sloping versions
- lockable (16A 3p, sloping version)
- different IP ratings
- different clock positions (position of the earthing contact)

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:



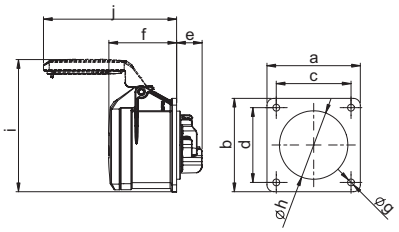
Versions:

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) TURBO TERMINAL

CEE Flanged sockets straight

Flanged socket straight IP44/54

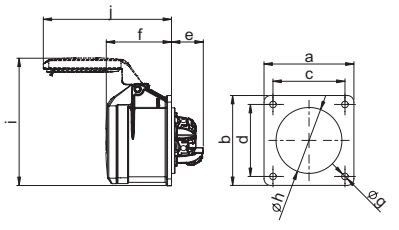


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	75	75	75	75	75	75
Fixing center c x d [mm]	60	60	60	60	60	60
e [mm]	21	21	21	23	23	23
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	89	104	107	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [mm²]	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. 315-6f7**v**

IP44/54 splash- and dustproof

Flanged socket straight IP44/54 TT

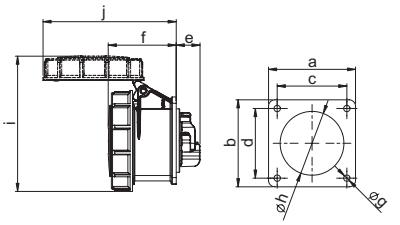


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	75	75	75	75	75	75
Fixing center c x d [mm]	60	60	60	60	60	60
e [mm]	27	27	27	27	27	27
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	89	104	107	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [mm²]	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. 315-6TTf7**v**

IP44/54 splash- and dustproof

Flanged socket straight IP67

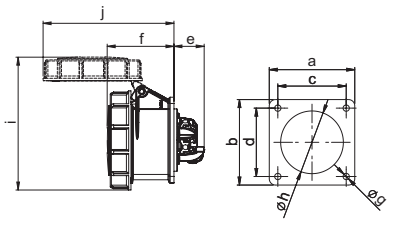


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	75	75	75	75	75	75
Fixing center c x d [mm]	60	60	60	60	60	60
e [mm]	21	21	21	23	23	23
f [mm]	56	57	59	69	69	71
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	102	108	117	122	122	130
j [mm]	101	109	115	130	130	136
Wire flexible [mm²]	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. 3152-6**v**

IP67 watertight

Flanged socket straight IP67 TT

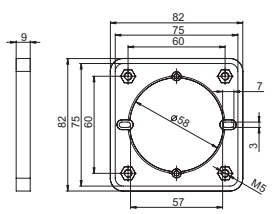


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	75	75	75	75	75	75
Fixing center c x d [mm]	60	60	60	60	60	60
e [mm]	27	27	27	27	27	27
f [mm]	56	57	59	69	69	71
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	102	108	117	122	122	130
j [mm]	101	109	115	130	130	136
Wire flexible [mm²]	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. 3152-6TT**v**

IP67 watertight

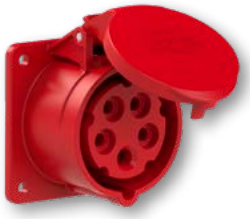
Cable conduit installation



	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~ 50/60Hz 4h	230V~ 50/60Hz 3p=6h 4p+5p=9h	400V~ 50/60Hz 3p=9h 4p+5p=6h	500V~ 50/60Hz 7h	>50–500V~ 100-300Hz 10h	>50V others 1h
			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	313-1f7
16	**4**	10	314-4f7	314-9f7	**314-6f7**	314-7f7	314-10f7	314-1f7
16	**5**	10	315-4f7	315-9f7	**315-6f7**	315-7f7	315-10f7	315-1f7
32	**3**	10	323-4f7	**323-6f7**	323-9f7	323-7f7	323-10f7	323-1f7
32	**4**	10	324-4f7	324-9f7	**324-6f7**	324-7f7	324-10f7	324-1f7
32	**5**	10	325-4f7	325-9f7	**325-6f7**	325-7f7	325-10f7	325-1f7



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**			

313-6TTf7

flange 75 x 75 - fixing center 60 x 60								
16	**3**	10	3132-4	**3132-6**	3132-9	3132-7	3132-10	3132-1
16	**4**	10	3142-4	3142-9	**3142-6**	3142-7	3142-10	3142-1
16	**5**	10	3152-4	3152-9	**3152-6**	3152-7	3152-10	3152-1
32	**3**	10	3232-4	**3232-6**	3232-9	3232-7	3232-10	3232-1
32	**4**	10	3242-4	3242-9	**3242-6**	3242-7	3242-10	3242-1
32	**5**	10	3252-4	3252-9	**3252-6**	3252-7	3252-10	3252-1

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**			

3132-6TT

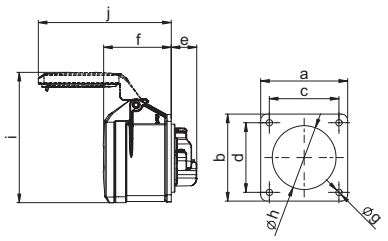
Conduit mounting box (e.g. 37004701)

Intermediate flange (810-00)

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

CEE Flanged sockets straight

Flanged socket straight IP44/54

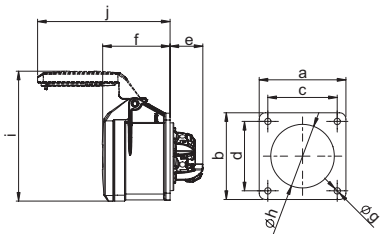


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	21	21	21	23	23	23
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	87	101	105	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [mm²]	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. 315-6**v**

IP44/54 splash- and dustproof

Flanged socket straight IP44/54 TT

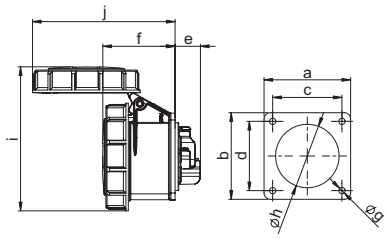


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	27	27	27	27	27	27
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	87	101	105	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [mm²]	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. 315-6TT**v**

IP44/54 splash- and dustproof

Flanged socket straight IP67

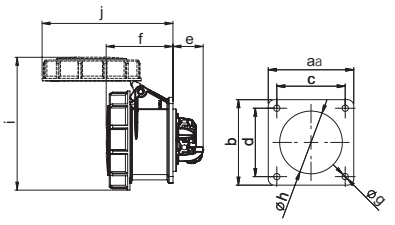


	16 Amp		32 Amp
Poles	3	5	5
Flange a x b [mm]	70	70	70
Fixing center c x d [mm]	56	56	56
e [mm]	21	21	23
f [mm]	56	59	71
g [mm]	5,5	5,5	5,5
h [mm]	43	55	58
i [mm]	102	117	130
j [mm]	101	115	136
Wire flexible [mm²]	1-2,5		2,5-6
Wire solid [mm²]	1-4		2,5-10
Contact screws [Ncm]	100		110
Weight [g]	130	181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

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 3152-6f70**v**

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

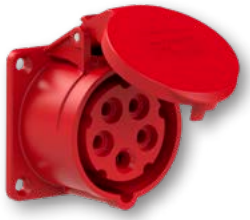
- screwless connection technology
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 3152-6TTf70**v**

IP67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h	230V~ 50/60Hz 3p=6h 4p+5p=9h	400V~ 50/60Hz 3p=9h 4p+5p=6h	500V~ 50/60Hz 7h	>50–500V~ 100-300Hz 10h	>50V others 1h
			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	313-1
16	**4**	10	314-4	314-9	**314-6**	314-7	314-10	314-1
16	**5**	10	315-4	315-9	**315-6**	315-7	315-10	315-1
32	**3**	10	323-4	**323-6**	323-9	323-7	323-10	323-1
32	**4**	10	324-4	324-9	**324-6**	324-7	324-10	324-1
32	**5**	10	325-4	325-9	**325-6**	325-7	325-10	325-1

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**			



315-6TT

flange 70 x 70 - fixing center 56 x 56								
16	**3**	10	3132-4f70	**3132-6f70**	3132-9f70	3132-7f70	3132-10f70	3132-1f70
16	**5**	10	3152-4f70	3152-9f70	**3152-6f70**	3152-7f70	3152-10f70	3152-1f70
32	**5**	10	3252-4f70	3252-9f70	**3252-6f70**	3252-7f70	3252-10f70	3252-1f70

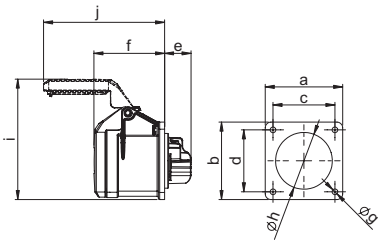
3132-6f70

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**			

3132-6ttf70

CEE Flanged sockets straight

Flanged socket straight IP44/54

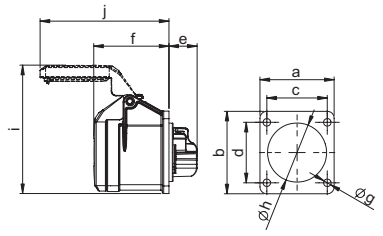


	16 Amp		16 Amp	
Poles	3	4	3	4
Flange a x b [mm]	65	65	60	60
Fixing center c x d [mm]	52	52	47	47
e [mm]	21	21	21	21
f [mm]	55	55	55	55
g [mm]	5,5	5,5	5,5	5,5
h [mm]	43	45	43	45
i [mm]	84	99	82	99
j [mm]	101	100	101	101
Wire flexible [mm²]	1-2,5			
Wire solid [mm²]	1-4			
Contact screws [Ncm]	100			
Weight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

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 314-6f0**v**

IP44/54 splash- and dustproof

Flanged socket straight IP44/54

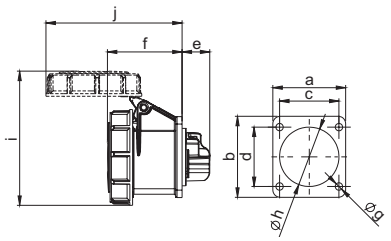


	16 Amp	
Poles	3	3
Flange a [mm]	54	55
Flange b [mm]	60	55
Fixing center c x d [mm]	44	44
e [mm]	21	21
f [mm]	55	55
g [mm]	5,5	5,5
h [mm]	43	43
i [mm]	82	80
j [mm]	101	101
Wire flexible [mm²]	1-2,5	
Wire solid [mm²]	1-4	
Contact screws [Ncm]	100	
Weight [g]	105	103

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 313-6f5**v**

IP44/54 splash- 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. 3132-6f0**v**

IP67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
flange 65 x 65 - fixing center 52 x 52								
16	**3**	10	313-4f0	**313-6f0**	313-9f0	313-7f0	313-10f0	313-1f0
16	**4**	10	314-4f0	314-9f0	**314-6f0**	314-7f0	314-10f0	314-1f0
flange 60 x 60 - fixing center 47 x 47								
16	**3**	10	313-4f6	**313-6f6**	313-9f6	313-7f6	313-10f6	313-1f6
16	**4**	10	314-4f6	314-9f6	**314-6f6**	314-7f6	314-10f6	314-1f6

313-6f0

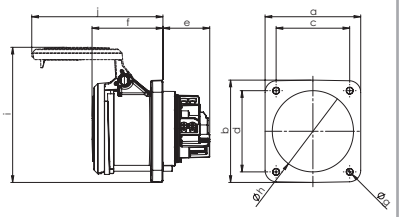
Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
flange 54 x 60 - fixing center 44 x 44								
16	**3**	10	313-4f9	**313-6f9**	313-9f9	313-7f9	313-10f9	313-1f9
flange 55 x 55 - fixing center 44 x 44								
16	**3**	10	313-4f5	**313-6f5**	313-9f5	313-7f5	313-10f5	313-1f5

313-6f9

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
flange 65 x 65 - fixing center 52 x 52								
16	**3**	10	3132-4f0	**3132-6f0**	3132-9f0	3132-7f0	3132-10f0	3132-1f0
flange 60 x 60 - fixing center 47 x 47								
16	**3**	10	3132-4f6	**3132-6f6**	3132-9f6	3132-7f6	3132-10f6	3132-1f6
flange 54 x 60 - fixing center 44 x 44								
16	**3**	10	3132-4f9	**3132-6f9**	3132-9f9	3132-7f9	3132-10f9	3132-1f9
flange 55 x 55 - fixing center 44 x 44								
16	**3**	10	3132-4f5	**3132-6f5**	3132-9f5	3132-7f5	3132-10f5	3132-1f5

3132-6f9

CEE Flanged sockets straight

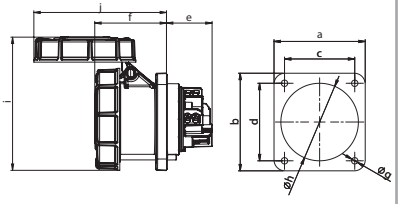


Flanged socket straight IP44 POWER TWIST

	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 [mm²]	6-16					
Wire solid [mm²]	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. 335**5**1-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 335**6**1-6 (see page 8)

IP44 splashproof

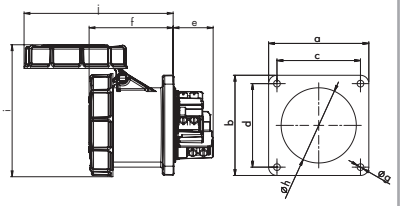


Flanged socket straight IP66/67 POWER TWIST

	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 [mm²]	6-16					
Wire solid [mm²]	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. 335**5**-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 335**6**-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 [mm²]	16-50		
Wire solid [mm²]	16-70		
Contact screws [Ncm]	450		
Weight [g]	752	890	986

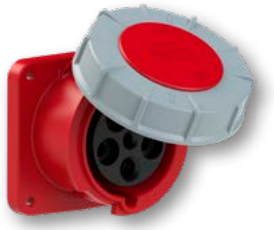
- contact frame with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
  - **to order with pilot contact** please add a **„5“**, e.g. 345**5**-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 345**6**-6 (see page 8)

IP66/67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h	230V~ 50/60Hz 3p = 6h 4p+5p = 9h	400V~ 50/60Hz 3p = 9h 4p+5p = 6h	500V~ 50/60Hz 7h	>50–500V~ 100-300Hz 10h	>50V others 1h
			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	3331-1
63	**4**	2	3341-4	3341-9	**3341-6**	3341-7	3341-10	3341-1
63	**5**	2	3351-4	3351-9	**3351-6**	3351-7	3351-10	3351-1
flange 100 x 107 - fixing center 77 x 85								
63	**3**	2	3331-4fc	**3331-6fc**	3331-9fc	3331-7fc	3331-10fc	3331-1fc
63	**4**	2	3341-4fc	3341-9fc	**3341-6fc**	3341-7fc	3341-10fc	3341-1fc
63	**5**	2	3351-4fc	3351-9fc	**3351-6fc**	3351-7fc	3351-10fc	3351-1fc

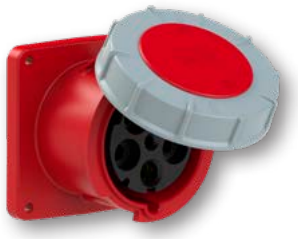
3351-6

flange 100 x 100 - fixing center 80 x 80								
63	**3**	2	333-4	**333-6**	333-9	333-7	333-10	333-1
63	**4**	2	334-4	334-9	**334-6**	334-7	334-10	334-1
63	**5**	2	335-4	335-9	**335-6**	335-7	335-10	335-1
flange 100 x 107 - fixing center 77 x 85								
63	**3**	2	333-4fc	**333-6fc**	333-9fc	333-7fc	333-10fc	333-1fc
63	**4**	2	334-4fc	334-9fc	**334-6fc**	334-7fc	334-10fc	334-1fc
63	**5**	2	335-4fc	335-9fc	**335-6fc**	335-7fc	335-10fc	335-1fc



335-6

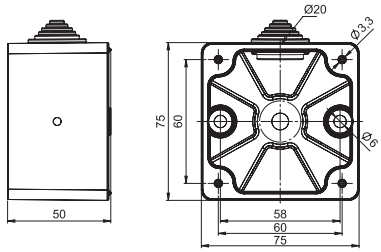
flange 120 x 120 - fixing center 100 x 100								
125	**3**	2	343-4	**343-6**	343-9	343-7	343-10	343-1
125	**4**	2	344-4	344-9	**344-6**	344-7	344-10	344-1
125	**5**	2	345-4	345-9	**345-6**	345-7	345-10	345-1



345-6

Surface outlet with/for flanged sockets

Surface outlet for flanged sockets 75x75 IP44



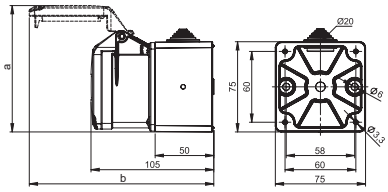
Robust surface outlet made of PA6 for surface sockets IP44 with flange size 75x75mm.

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



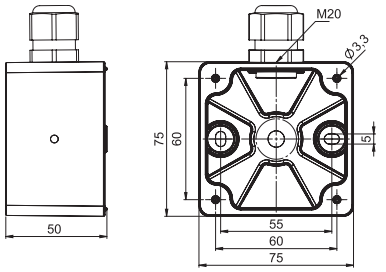
	16 Amp					
Poles	3	4	5			
a [mm]	89	104	107			
b [mm]	151	151	157			
Weight [g] (blind)	214	226	244			
Weight [g] (1 nipple)	215	227	245			

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. 80015-6**v**
- 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



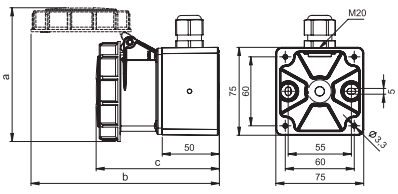
Robust surface outlet made of PA6 for surface sockets IP67 with flange size 75x75mm.

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



	16 Amp					
Poles	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. 800152-6**v**
- 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

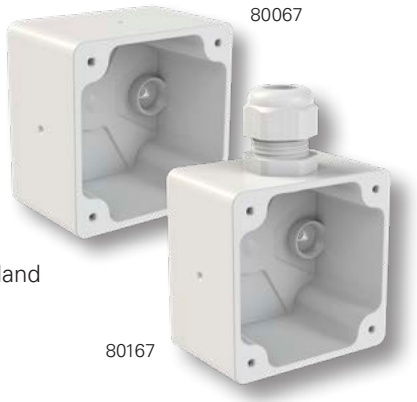
Amp.	Poles	pack. unit	230V~ 50/60Hz 3p = 6h Cat.No.	400V~ 50/60Hz 4p+5p = 6h Cat.No.		
		10			80000	no nipple
		10			80100	1x nipple

Surface outlet complete

16	**3**	10	80013-6	80014-6	no nipple
16	**4**	10		80015-6	
16	**5**	10			
16	**3**	10	80113-6	80114-6	1x nipple
16	**4**	10		80115-6	
16	**5**	10			

32A and special clock positions on request!

		10			80067	no cable gland
		10			80167	1x cable gland M20

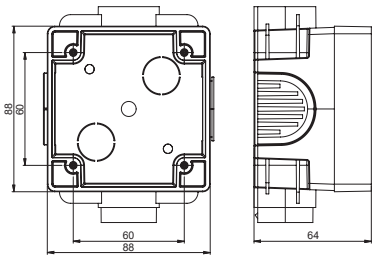


Surface outlet complete

16	**3**	10	800132-6	800142-6	no cable gland
16	**4**	10		800152-6	
16	**5**	10			
16	**3**	10	801132-6	801142-6	1x cable gland M20
16	**4**	10		801152-6	
16	**5**	10			

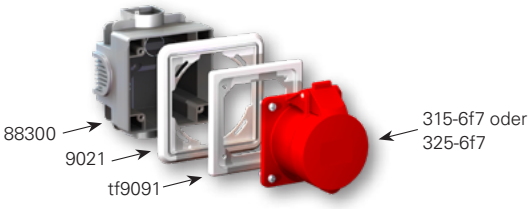
32A and special clock positions on request!

Accessories for flanged sockets



Flush outlet box for CEE flanged sockets straight

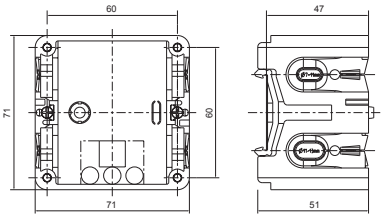
Example:



- 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

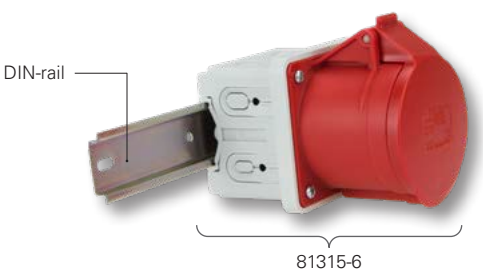
Finger protection for flanged sockets 16A/32A

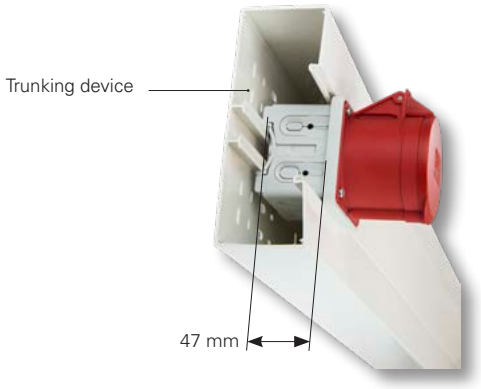
Depending on country specific standards and regulations it can be necessary to equipe terminals with a finger protection. This finger protection can be mounted on all PCE 16A and 32A CEE flanged sockets with screw contact (2P+E, 3P+E, 3P+E+N) in case of need.

16A	**4-times**	pack.unit=150/1300 pcs.	**ts167s**
32A	**4-times**	pack.unit=150/1000 pcs.	**ts327s**

Ampere	Poles	pack. unit	230V~ 50/60Hz 3p = 6h Cat.No.	400V~ 50/60Hz 4p+5p = 6h Cat.No.		
		10			88300	
		1			37004701	37004701
16	5	1		81315-6		
32	5	1		81325-6		

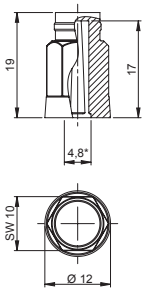
Example of use:





Mounting accessories for flanged sockets

plastic nut with collar (isolated)



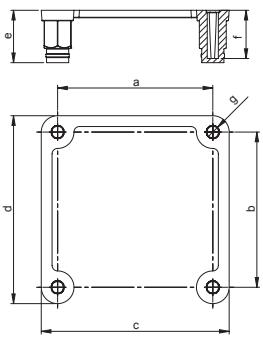
- hexagonal nut with collar
- material: polyamide
- color: black

size	pack. unit	Cat.No.
4,8mm*	500	**tm500s**

* recommended screw diameter

plastic nut 4-times (isolated)

tm56060s



	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

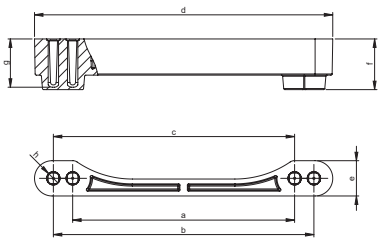
- 4-times plastic nut (WS10)
- material: polyamide
- color: black

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

tm6880s

tm6100s



	63A	125A
a	72	92
b	88	108
c	80	100
d	104	124
e	15	15
f	21	21
g	20	20
h*	5,5	5,5

* recommended screw diameter

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

size	pack. unit	Cat.No.
72/80/88	10	**tm6880s**
92/100/108	10	**tm6100s**

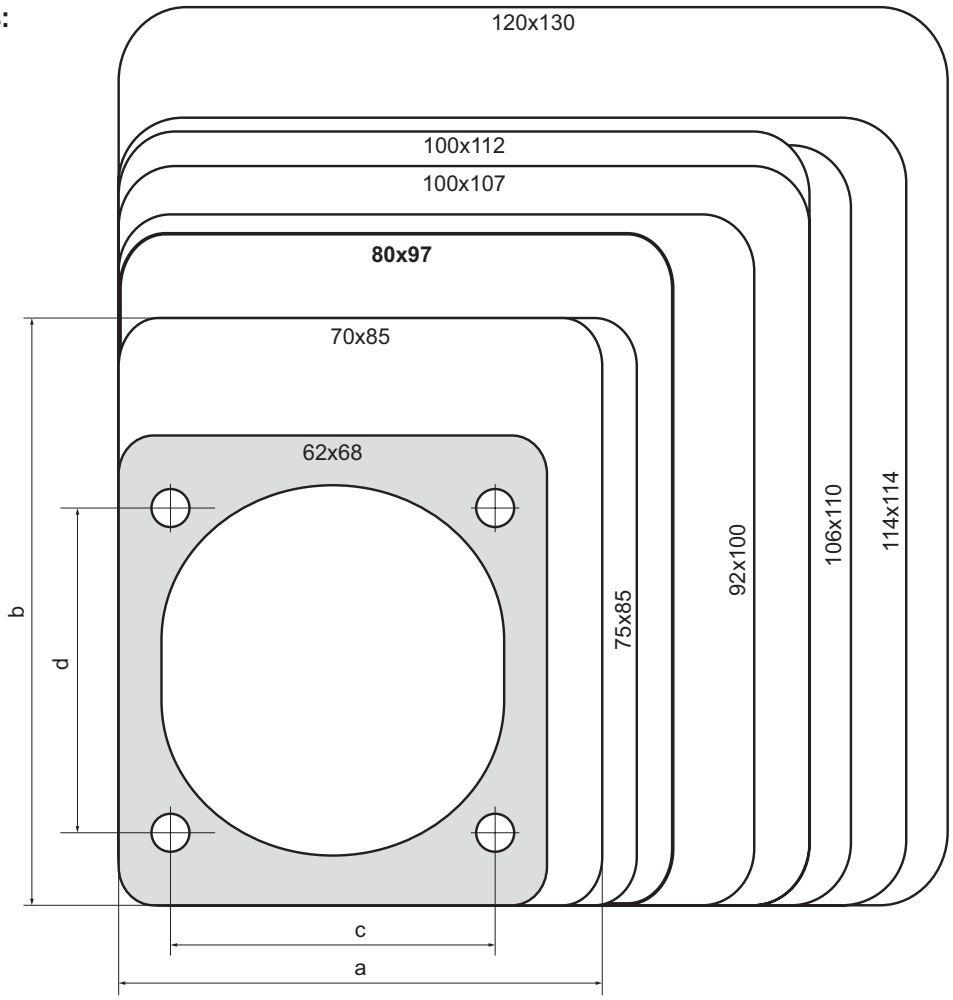
Mounting example:

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

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

CEE Flanged sockets sloping

Dimensions:



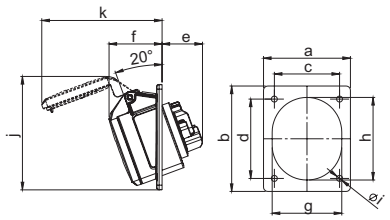
Versions:

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 Oclick TERMINAL

CEE Flanged sockets sloping

Flanged socket sloping IP44/54

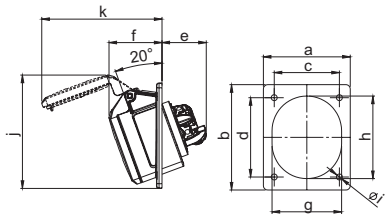


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	38	38	38	48	48	48
f [mm]	47	47	49	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	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. 415-6**v**

IP44/54 splash- and dustproof

Flanged socket sloping IP44/54 TT

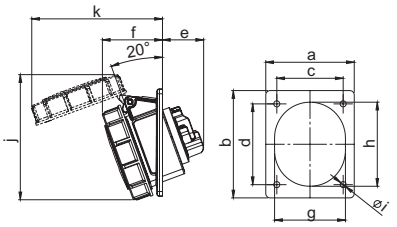


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	41	41	41	48	48	48
f [mm]	47	47	49	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	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. 415-6TT**v**

IP44/54 splash- and dustproof

Flanged socket sloping IP67

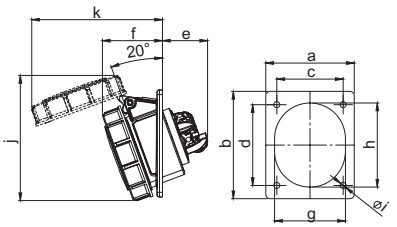


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	38	38	38	48	48	48
f [mm]	50	52	55	59	59	61
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	102	106	114	120	120	127
k [mm]	103	110	119	127	127	133
Wire flexible [mm²]		1-2,5			2,5-6	
Wire solid [mm²]		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. 4152-6f78**v**

IP67 watertight

Flanged socket sloping IP67 TT



	16 Amp			32 Amp		
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]	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 [mm²]		1-2,5			2,5-6	
Wire solid [mm²]		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. 4152-6TTf78**v**

IP67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h	230V~ 50/60Hz 3p = 6h 4p+5p = 9h	400V~ 50/60Hz 3p = 9h 4p+5p = 6h	500V~ 50/60Hz 7h	>50–500V~ 100-300Hz 10h	>50V others 1h
			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	413-1f8
16	**4**	10	414-4f8	414-9f8	**414-6f8**	414-7f8	414-10f8	414-1f8
16	**5**	10	415-4	415-9	**415-6**	415-7	415-10	415-1
32	**3**	10	423-4	**423-6**	423-9	423-7	423-10	423-1
32	**4**	10	424-4	424-9	**424-6**	424-7	424-10	424-1
32	**5**	10	425-4	425-9	**425-6**	425-7	425-10	425-1

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	4132-1f8
16	**4**	10	4142-4f8	4142-9f8	**4142-6f8**	4142-7f8	4142-10f8	4142-1f8
16	**5**	10	4152-4f78	4152-9f78	**4152-6f78**	4152-7f78	4152-10f78	4152-1f78
32	**3**	10	4232-4f78	**4232-6f78**	4232-9f78	4232-7f78	4232-10f78	4232-1f78
32	**4**	10	4242-4f78	4242-9f78	**4242-6f78**	4242-7f78	4242-10f78	4242-1f78
32	**5**	10	4252-4f78	4252-9f78	**4252-6f78**	4252-7f78	4252-10f78	4252-1f78

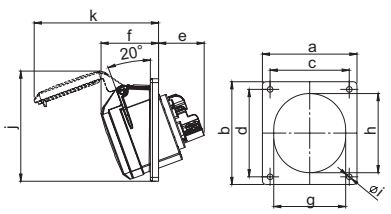
4152-6f78

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 IP44/54

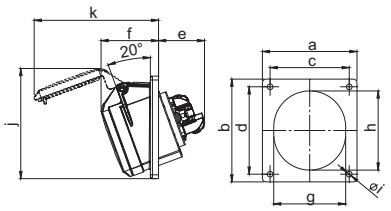


	16 Amp	
Poles	3	4
Flange a [mm]	70	70
Flange b [mm]	85	85
Fixing center c [mm]	50	50
Fixing center d [mm]	65	65
e [mm]	38	38
f [mm]	47	47
g [mm]	51	56
h [mm]	61	67
i [mm]	5,5	5,5
j [mm]	85	96
k [mm]	99	104
Wire flexible [mm²]	1-2,5	
Wire solid [mm²]	1-4	
Contact screws [Ncm]	100	
Weight [g]	111	127

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

IP44/54 splash- and dustproof

Flanged socket sloping IP44/54 TT

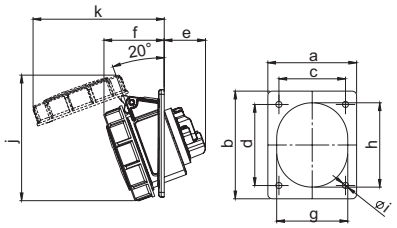


	16 Amp	
Poles	3	4
Flange a [mm]	70	70
Flange b [mm]	85	85
Fixing center c [mm]	50	50
Fixing center d [mm]	65	65
e [mm]	41	41
f [mm]	47	47
g [mm]	51	56
h [mm]	61	67
i [mm]	5,5	5,5
j [mm]	85	96
k [mm]	99	104
Wire flexible [mm²]	1-2,5	
Wire solid [mm²]	1-4	
Weight [g]	114	128

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

IP44/54 splash- and dustproof

Flanged socket sloping IP67

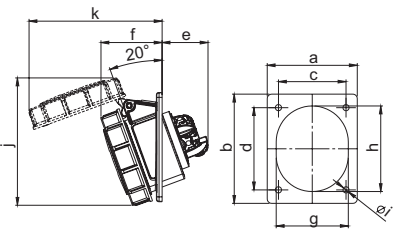


	16 Amp	
Poles	3	4
Flange a [mm]	70	70
Flange b [mm]	85	85
Fixing center c [mm]	50	50
Fixing center d [mm]	65	65
e [mm]	38	38
f [mm]	50	52
g [mm]	51	56
h [mm]	61	67
i [mm]	5,5	5,5
j [mm]	97	104
k [mm]	102	111
Wire flexible [mm²]	1-2,5	
Wire solid [mm²]	1-4	
Contact screws [Ncm]	100	
Weight [g]	128	132

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 4132-6f78**v**

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 [mm²]	1-2,5	
Wire solid [mm²]	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. 4132-6TTf78**v**

IP67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h	230V~ 50/60Hz 3p = 6h 4p+5p = 9h	400V~ 50/60Hz 3p = 9h 4p+5p = 6h	500V~ 50/60Hz 7h	>50–500V~ 100-300Hz 10h	>50V others 1h
			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	413-1
16	**4**	10	414-4	414-9	**414-6**	414-7	414-10	414-1

413-6

TURBO click TERMINAL

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	4132-1f78
16	**4**	10	4142-4f78	4142-9f78	**4142-6f78**	4142-7f78	4142-10f78	4142-1f78

4132-6f78

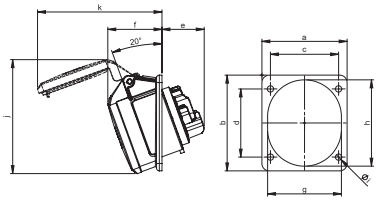
TURBO click TERMINAL

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 IP44/54

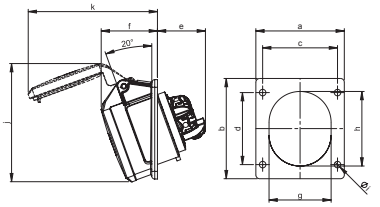


	16 Amp		
Poles	3	4	5
Flange a [mm]	75	75	75
Flange b [mm]	85	85	85
Fixing center c x d [mm]	60	60	60
e [mm]	38	38	39
f [mm]	47	47	48
g [mm]	51	56	65
h [mm]	61	67	76
i [mm]	5,5	5,5	5,5
j [mm]	85	96	101
k [mm]	99	104	111
Wire flexible [mm²]		1-2,5	
Wire solid [mm²]		1-4	
Contact screws [Ncm]		100	
Weight [g]	111	127	153

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 415-6f87**v**
- with locking area

IP44/54 splash- and dustproof

Flanged socket sloping IP44/54 TT

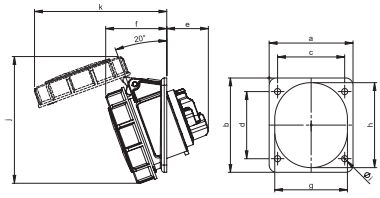


	16 Amp		
Poles	3	4	5
Flange a [mm]	75	75	75
Flange b [mm]	85	85	85
Fixing center c x d [mm]	60	60	60
e [mm]	41	41	41
f [mm]	47	47	49
g [mm]	51	56	65
h [mm]	61	67	76
i [mm]	5,5	5,5	5,5
j [mm]	85	96	101
k [mm]	99	104	111
Wire flexible [mm²]		1-2,5	
Wire solid [mm²]		1-4	
Weight [g]	111	127	153

- screwless connection technology
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 415-6TTf87**v**
- with locking area

IP44/54 splash- and dustproof

Flanged socket sloping IP67

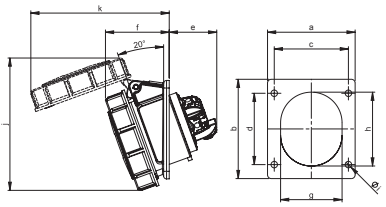


	16 Amp		
Poles	3	4	5
Flange a [mm]	75	75	75
Flange b [mm]	85	85	85
Fixing center c x d [mm]	60	60	60
e [mm]	38	38	39
f [mm]	49	50	54
g [mm]	51	56	65
h [mm]	61	67	76
i [mm]	5,5	5,5	5,5
j [mm]	97	104	114
k [mm]	102	111	119
Wire flexible [mm²]		1-2,5	
Wire solid [mm²]		1-4	
Contact screws [Ncm]		100	
Weight [g]	127	148	181

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 4152-6f87**v**
- with locking area

IP67 watertight

Flanged socket sloping IP67 TT



	16 Amp		
Poles	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 [mm²]		1-2,5	
Wire solid [mm²]		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. 4152-6TTf87**v**
- with locking area

IP67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h	230V~ 50/60Hz 3p = 6h 4p+5p = 9h	400V~ 50/60Hz 3p = 9h 4p+5p = 6h	500V~ 50/60Hz 7h	>50–500V~ 100-300Hz 10h	>50V others 1h
			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	413-1f87
16	**4**	10	414-4f87	414-9f87	**414-6f87**	414-7f87	414-10f87	414-1f87
16	**5**	10	415-4f87	415-9f87	**415-6f87**	415-7f87	415-10f87	415-1f87

415-6f87

TURBO click TERMINAL

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

415-6TTf87

flange 75 x 85 - fixing center 60 x 60								
16	**3**	10	4132-4f87	**4132-6f87**	4132-9f87	4132-7f87	4132-10f87	4132-1f87
16	**4**	10	4142-4f87	4142-9f87	**4142-6f87**	4142-7f87	4142-10f87	4142-1f87
16	**5**	10	4152-4f87	4152-9f87	**4152-6f87**	4152-7f87	4152-10f87	4152-1f87

4152-6f87

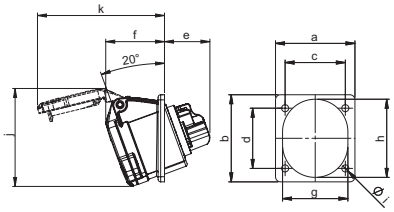
TURBO click TERMINAL

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

4152-6TTf87

CEE Flanged sockets sloping - lockable / with switch

Flanged socket sloping, lockable IP44/54

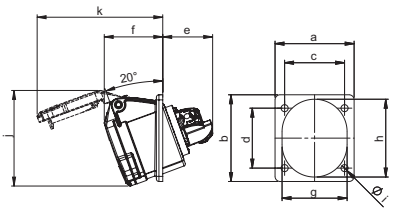


	16 Amp	
Poles	3	
Flange a [mm]	62	
Flange b [mm]	68	
Fixing center c x d [mm]	47	
e [mm]	38	
f [mm]	46	
g [mm]	51	
h [mm]	61	
i [mm]	5,5	
j [mm]	77	
k [mm]	99	
Wire flexible [mm²]	1-2,5	
Wire solid [mm²]	1-4	
Contact screws [Ncm]	100	
Weight [g]	111	

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a „**v**“ e.g. 413-6f66**v**
- lockable with padlock *

IP44/54 splash- and dustproof

Flanged socket sloping, lockable IP44/54 TT

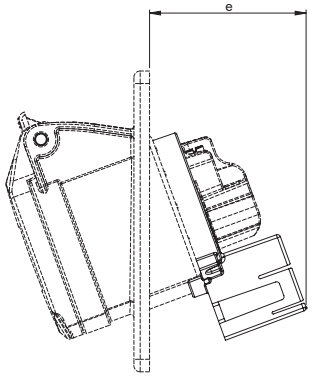


	16 Amp	
Poles	3	
Flange a [mm]	62	
Flange b [mm]	68	
Fixing center c x d [mm]	47	
e [mm]	41	
f [mm]	46	
g [mm]	51	
h [mm]	61	
i [mm]	5,5	
j [mm]	77	
k [mm]	99	
Wire flexible [mm²]	1-2,5	
Wire solid [mm²]	1-4	
Weight [g]	113	

- screwless connection technology
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a „**v**“ e.g. 413-6TTf66**v**
- lockable with padlock *

IP44/54 splash- and dustproof

Flanged socket sloping with auxiliary switch

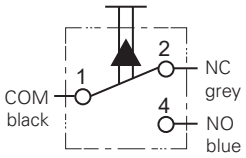


	16 Amp	32 Amp
Poles	3	3
e [mm]	51	58
Wire flexible [mm²]	1-2,5	2,5-6
Wire solid [mm²]	1-4	2,5-10
Auxiliary switch:		
Switching capacity	10(1,5)A, 250VAC	
Conductor	3 x 0,75 mm²	
Conductor length	500 mm	
Contacts	COM=schwarz / NC=grau / NO=blau	

- **with auxiliary switch**
- flanged socket with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a „**v**“ e.g. 413-6TTf66h**v**

further technical details please see flanged sockets without auxiliary switch

circuit diagram:



* Shackle thickness Padlock: max. Ø7,5mm

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h	230V~ 50/60Hz 3p = 6h 4p+5p = 9h	400V~ 50/60Hz 3p = 9h 4p+5p = 6h	500V~ 50/60Hz 7h	>50–500V~ 100-300Hz 10h	>50V others 1h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
flange 62 x 68 - fixing center 47 x 47								
16	**3**	10	413-4f66	**413-6f66**	413-9f66	413-7f66	413-10f66	413-1f66

413-6f66

flange 62 x 68 - fixing center 47 x 47								
16	**3**	10	413-4TTf66	**413-6TTf66**	413-9TTf66			

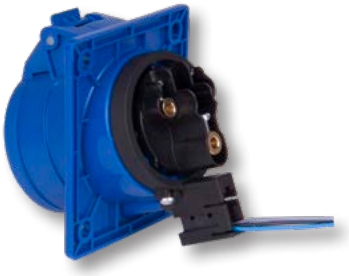
413-6TTf66

				flange:	Fixing center:	IP:
16	**3**	10	413-6f66h	62x68	47x47	IP44/54
16	**3**	10	413-6h	70x85	50x65	IP44/54
16	**3**	10	4132-6f78h	70x85	50x65	IP67
16	**3**	10	413-6f8h	80x97	60x73	IP44/54
16	**3**	10	4132-6f8h	80x97	60x73	IP67
16	**3**	10	413-6f9h	92x100	77x85	IP44/IP54
16	**3**	10	4132-6h	92x100	77x85	IP67

413-6h

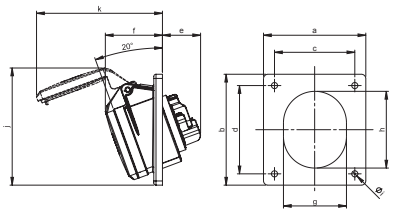
4132-6f78h

32	**3**	10	423-6h	80x97	60x73	IP44
32	**3**	10	4232-6f78h	80x97	60x73	IP67
32	**3**	10	423-6f9h	92x100	77x85	IP44
32	**3**	10	4232-6h	92x100	77x85	IP67



CEE Flanged sockets sloping

Flanged socket sloping IP44/54

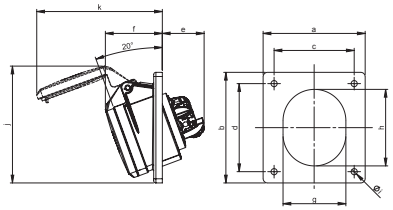


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	92	92	92	92	92	92
Flange b [mm]	100	100	100	100	100	100
Fixing center c [mm]	77	77	77	77	77	77
Fixing center d [mm]	85	85	85	85	85	85
e [mm]	33	34	38	48	48	48
f [mm]	49	51	52	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	86	102	107	107	107	101
k [mm]	102	107	111	121	121	132
Wire flexible [mm²]		1-2,5			2,5-6	
Wire solid [mm²]		1-4			2,5-10	
Contact screws [Ncm]		100			110	
Weight [g]	132	146	166	180	198	229

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 415-6f9**v**

IP44/54 splash- and dustproof

Flanged socket sloping IP44/54 TT

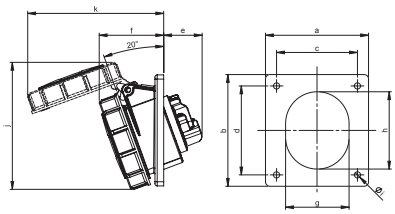


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	92	92	92	92	92	92
Flange b [mm]	100	100	100	100	100	100
Fixing center c [mm]	77	77	77	77	77	77
Fixing center d [mm]	85	85	85	85	85	85
e [mm]	37	38	38	48	48	48
f [mm]	49	51	52	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	86	102	107	107	107	101
k [mm]	102	107	114	121	121	132
Wire flexible [mm²]		1-2,5			2,5-6	
Wire solid [mm²]		1-4			2,5-10	
Weight [g]	134	147	170	180	199	230

- screwless connection technology
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 415-6TTf9**v**

IP44/54 splash- and dustproof

Flanged socket sloping IP67

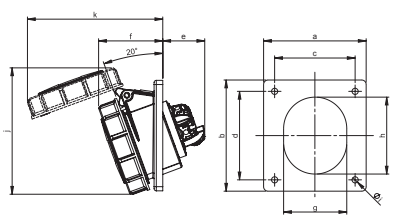


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	92	92	92	92	92	92
Flange b [mm]	100	100	100	100	100	100
Fixing center c [mm]	77	77	77	77	77	77
Fixing center d [mm]	85	85	85	85	85	85
e [mm]	33	34	38	48	48	48
f [mm]	53	55	58	62	62	62
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	101	105	114	120	120	128
k [mm]	107	115	122	130	130	131
Wire flexible [mm²]		1-2,5			2,5-6	
Wire solid [mm²]		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. 4152-6**v**

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 [mm²]		1-2,5			2,5-6	
Wire solid [mm²]		1-4			2,5-10	
Weight [g]	149	168	203	220	237	281

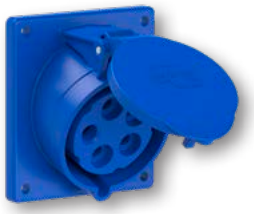
- screwless connection technology
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "**v**" e.g. 4152-6TT**v**

IP67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	>50–500V~ 100-300Hz 10h Cat.No.	>50V others 1h Cat.No.
flange 92 x 100 - fixing center 77 x 85								
16	**3**	10	413-4f9	**413-6f9**	413-9f9	413-7f9	413-10f9	413-1f9
16	**4**	10	414-4f9	414-9f9	**414-6f9**	414-7f9	414-10f9	414-1f9
16	**5**	10	415-4f9	415-9f9	**415-6f9**	415-7f9	415-10f9	415-1f9
32	**3**	10	423-4f9	**423-6f9**	423-9f9	423-7f9	423-10f9	423-1f9
32	**4**	10	424-4f9	424-9f9	**424-6f9**	424-7f9	424-10f9	424-1f9
32	**5**	10	425-4f9	425-9f9	**425-6f9**	425-7f9	425-10f9	425-1f9

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	4132-1
16	**4**	10	4142-4	4142-9	**4142-6**	4142-7	4142-10	4142-1
16	**5**	10	4152-4	4152-9	**4152-6**	4152-7	4152-10	4152-1
32	**3**	10	4232-4	**4232-6**	4232-9	4232-7	4232-10	4232-1
32	**4**	10	4242-4	4242-9	**4242-6**	4242-7	4242-10	4242-1
32	**5**	10	4252-4	4252-9	**4252-6**	4252-7	4252-10	4252-1

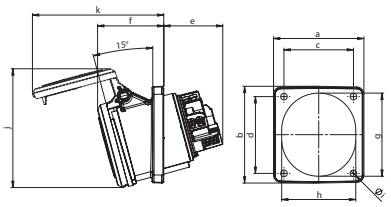
4132-6

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

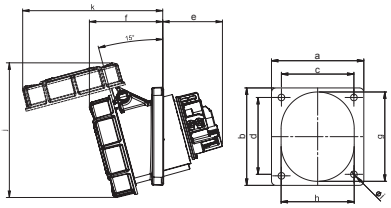


	63 Amp			63 Amp			63 Amp		
Poles	3	4	5	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100	106	106	106
Flange b [mm]	112	112	112	107	107	107	110	110	110
Fixing center c [mm]	80	80	80	77	77	77	90	90	90
Fixing center d [mm]	88	88	88	85	85	85	90	90	90
e [mm]	64	64	64	64	64	64	64	64	64
f [mm]	74	74	74	74	74	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. 433**5**1-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 433**6**1-6 (see page 8)

IP44 splashproof

Flanged socket sloping IP67 POWER TWIST

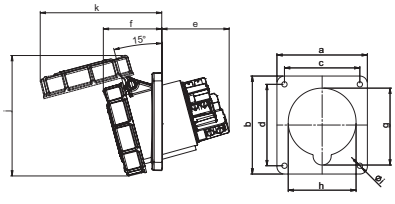


	63 Amp			63 Amp			63 Amp		
Poles	3	4	5	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100	106	106	106
Flange b [mm]	112	112	112	107	107	107	110	110	110
Fixing center c [mm]	80	80	80	77	77	77	90	90	90
Fixing center d [mm]	88	88	88	85	85	85	90	90	90
e [mm]	64	64	64	64	64	64	64	64	64
f [mm]	80	80	80	80	80	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. 435**5**-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 435**6**-6 (see page 8)

IP66/67 watertight

Flanged socket sloping IP67 POWER TWIST



	125 Amp			125 Amp		
Poles	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. 445**5**-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 445**6**-6 (see page 8)

IP66/67 watertight

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h	230V~ 50/60Hz 3p=6h 4p+5p=9h	400V~ 50/60Hz 3p=9h 4p+5p=6h	500V~ 50/60Hz 7h	>50–500V~ 100-300Hz 10h	>50V others 1h
			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	4331-1
63	**4**	2	4341-4	4341-9	**4341-6**	4341-7	4341-10	4341-1
63	**5**	2	4351-4	4351-9	**4351-6**	4351-7	4351-10	4351-1
flange 100 x 107 - fixing center 77 x 85								
63	**3**	2	4331-4fc	**4331-6fc**	4331-9fc	4331-7fc	4331-10fc	4331-1fc
63	**4**	2	4341-4fc	4341-9fc	**4341-6fc**	4341-7fc	4341-10fc	4341-1fc
63	**5**	2	4351-4fc	4351-9fc	**4351-6fc**	4351-7fc	4351-10fc	4351-1fc
flange 106 x 110 - fixing center 90 x 90								
63	**3**	2	4331-4fd	**4331-6fd**	4331-9fd	4331-7fd	4331-10fd	4331-1fd
63	**4**	2	4341-4fd	4341-9fd	**4341-6fd**	4341-7fd	4341-10fd	4341-1fd
63	**5**	2	4351-4fd	4351-9fd	**4351-6fd**	4351-7fd	4351-10fd	4351-1fd

4351-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h	230V~ 50/60Hz 3p=6h 4p+5p=9h	400V~ 50/60Hz 3p=9h 4p+5p=6h	500V~ 50/60Hz 7h	>50–500V~ 100-300Hz 10h	>50V others 1h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
flange 100 x 112 - fixing center 80 x 88								
63	**3**	2	433-4	**433-6**	433-9	433-7	433-10	433-1
63	**4**	2	434-4	434-9	**434-6**	434-7	434-10	434-1
63	**5**	2	435-4	435-9	**435-6**	435-7	435-10	435-1
flange 100 x 107 - fixing center 77 x 85								
63	**3**	2	433-4fc	**433-6fc**	433-9fc	433-7fc	433-10fc	433-1fc
63	**4**	2	434-4fc	434-9fc	**434-6fc**	434-7fc	434-10fc	434-1fc
63	**5**	2	435-4fc	435-9fc	**435-6fc**	435-7fc	435-10fc	435-1fc
flange 106 x 110 - fixing center 90 x 90								
63	**3**	2	433-4fd	**433-6fd**	433-9fd	433-7fd	433-10fd	433-1fd
63	**4**	2	434-4fd	434-9fd	**434-6fd**	434-7fd	434-10fd	434-1fd
63	**5**	2	435-4fd	435-9fd	**435-6fd**	435-7fd	435-10fd	435-1fd

435-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h	230V~ 50/60Hz 3p=6h 4p+5p=9h	400V~ 50/60Hz 3p=9h 4p+5p=6h	500V~ 50/60Hz 7h	>50–500V~ 100-300Hz 10h	>50V others 1h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
flange 120 x 130 - fixing center 100 x 108								
125	**3**	2	443-4	**443-6**	443-9	443-7	443-10	443-1
125	**4**	2	444-4	444-9	**444-6**	444-7	444-10	444-1
125	**5**	2	445-4	445-9	**445-6**	445-7	445-10	445-1
flange 114 x 114 - fixing center 90 x 90								
125	**3**	2	443-4fe	**443-6fe**	443-9fe	443-7fe	443-10fe	443-1fe
125	**4**	2	444-4fe	444-9fe	**444-6fe**	444-7fe	444-10fe	444-1fe
125	**5**	2	445-4fe	445-9fe	**445-6fe**	445-7fe	445-10fe	445-1fe

445-6

DESIGN-SOCKETS

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	Flanged socket	102
	Surface outlet	102
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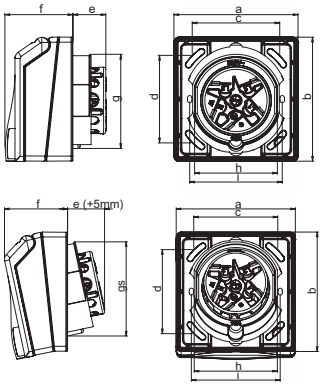
	Accessories	104

Design-Socket

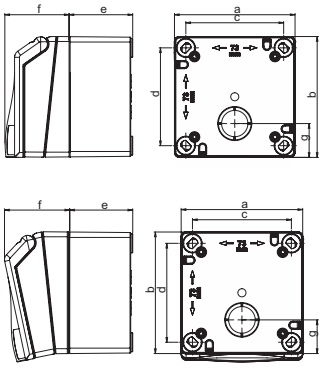


Flanged socket

	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	
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

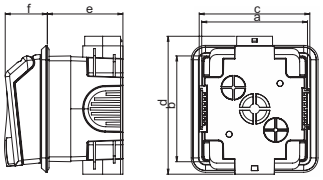


Surface outlet

	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	
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	
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

Safe against ball throwing

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!

Flush socket outlet projection

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

845-6v

8430v

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No. (CEE-socket)	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No. (CEE-socket)	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No. (CEE-socket)	250V~ 50/60Hz 2P+E Cat.No. (with safety socket acc. Austrian/German system)
16	**3**	6	863-4v	**863-6v**	863-9v	
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				**8630v**

865-6v

8630v

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No. (CEE-socket)	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No. (CEE-socket)	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No. (CEE-socket)	250V~ 50/60Hz 2P+E Cat.No. (with safety socket acc. Austrian/German system)
16	**3**	6	883-4v	**883-6v**	883-9v	
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				**8830v**

885-6v

8830v

Inscription field as standard incl. paper insert

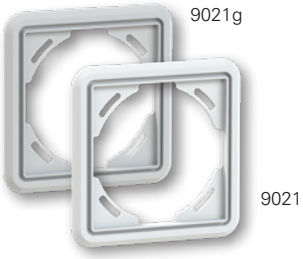
white (standard)

light grey

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.	845-6**g**v	RAL 7035

Design-Socket Accessories

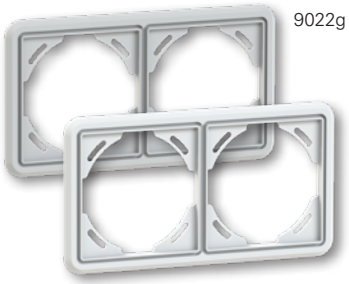


Cover frame 1-way with gasket

- **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

Flush socket

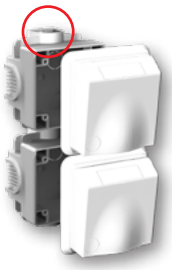
- incl. screws 4 pcs.

light grey	**88300**

pack.unit: 10

Installation help:

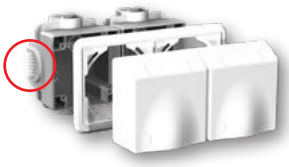
Connection device for 1-way frame



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)

Plaster Cover

903

pack.unit: 25

Blank flange for surface socket and flush socket* as accessories

*) assembly only possible with frame cover

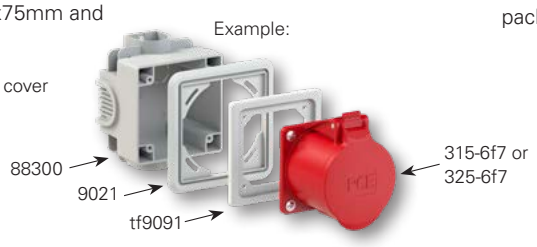
white	**tf9092**
light grey	**tf9092g**

pack.unit: 25

Flange adapter for surface socket and flush socket* as accessories

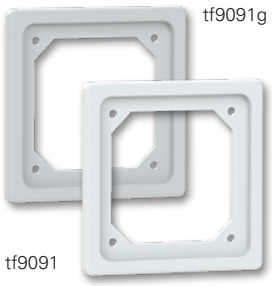
- for fittings with flange size 75x75mm and fixing center 60x60mm

*) assembly only possible with frame cover



white	**tf9091**
light grey	**tf9091g**

pack.unit: 25



Surface socket

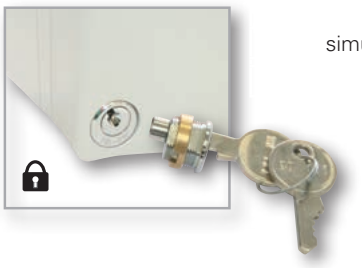
- incl. screws 4 pcs.

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

white	**86300**
light grey	**86300g**

pack.unit: 10

Locking



	901026
simultaneous locking	**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

PCE

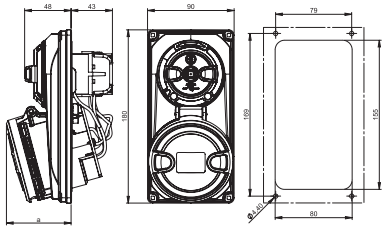
SWITCHED INTERLOCKED SOCKETS

16A – 125A

		Page
	Switched interlocked sockets – Compact series	**108**
	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

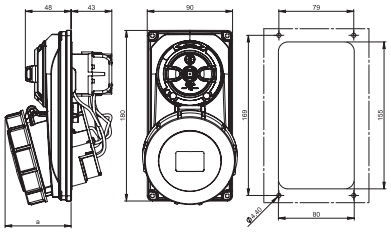


Switched interlocked socket - panel mounting IP44

	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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	440V~ 60Hz 3h Cat.No.
16	**3**	1	6013-4	**6013-6**	6013-9		
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		
32	**4**	1	6024-4	6024-9	**6024-6**	6024-7	
32	**5**	1	6025-4	6025-9	**6025-6**	6025-7	

6015-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	440V~ 60Hz 3h Cat.No.
16	**3**	1	60132-4	**60132-6**	60132-9		
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		
32	**4**	1	60242-4	60242-9	**60242-6**	60242-7	60242-3
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

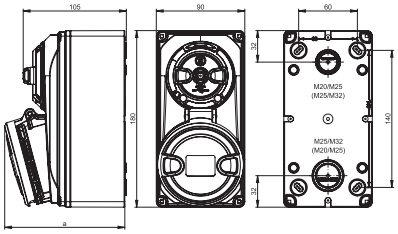
ergonomical shape, lockable by padlock (off position)

compact housing design

same dimensions as the existing versions

Switched interlocked sockets – Compact series

mechanical interlock, lockable by padlock

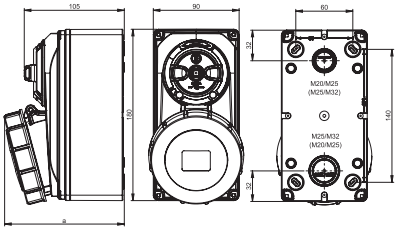


Switched interlocked socket - wall mounting IP44

	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

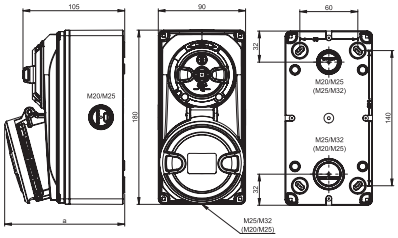


Switched interlocked socket - wall mounting IP67

	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

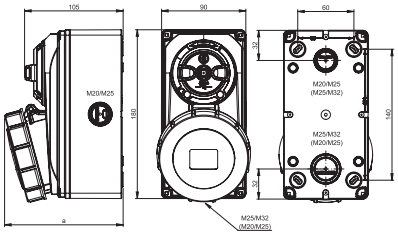


Switched interlocked socket - wall mounting with knock-out IP44

	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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	440V~ 60Hz 3h Cat.No.
16	**3**	1	6113-4	**6113-6**	6113-9		
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		
32	**4**	1	6124-4	6124-9	**6124-6**	6124-7	
32	**5**	1	6125-4	6125-9	**6125-6**	6125-7	

6115-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	440V~ 60Hz 3h Cat.No.
16	**3**	1	61132-4	**61132-6**	61132-9		
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		
32	**4**	1	61242-4	61242-9	**61242-6**	61242-7	61242-3
32	**5**	1	61252-4	61252-9	**61252-6**	61252-7	

61152-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	440V~ 60Hz 3h Cat.No.
16	**3**	1	6113-4k	**6113-6k**	6113-9k		
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		
32	**4**	1	6124-4k	6124-9k	**6124-6k**	6124-7k	
32	**5**	1	6125-4k	6125-9k	**6125-6k**	6125-7k	

6115-6k

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	440V~ 60Hz 3h Cat.No.
16	**3**	1	61132-4k	**61132-6k**	61132-9k		
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		
32	**4**	1	61242-4k	61242-9k	**61242-6k**	61242-7k	61242-3k
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:

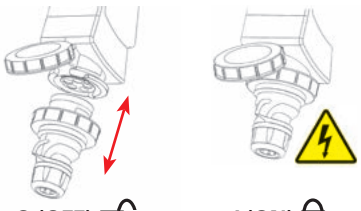
- ✔ **16A and 32A**
- ✔ **3-, 4- and 5-poles up to 690V (5h)**
- ✔ **IP rating IP44/54 and IP66/67**
- ✔ **for installation indoors and outdoors**
- ✔ **2 housing sizes: 230mm without protection**
  340mm with protection

ADVANTAGES:

- Housing components made of high valuable **PC/ABS** plastics
- **Robust construction** for wall mounting
- **Housing screws stainless steel**

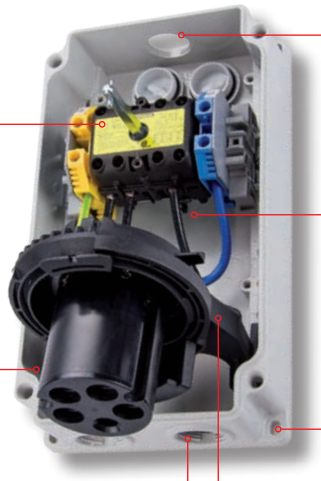
- **Large rotary knob** 3-times lockable in OFF position with padlock (40mm , $Ø_{max.}$ 9mm)

- ***Mechanical interlock**
  - after plugging and switching ON plug is locked
  - after switching OFF and unplugging switch is locked



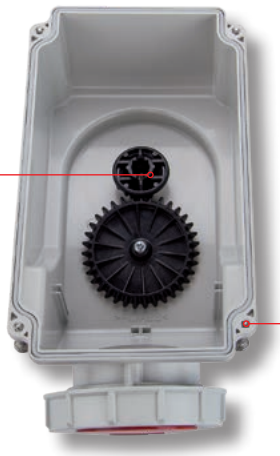
O (OFF) **I (ON)**

- **On-/Off switch** PCE-MERZ ML0
  EN 60947-3;AC22A, 10kA
  OPTION: PCE-MERZ ML1
  EN 60947-3;AC22A, 10kA
- **Mechanical interlock***
- **Threaded insert bottom 2xM25**
  Option: 2xM32 or completely closed
- **Housing can be rotated by** 180°



- **Threaded insert top M25**
  Option: M32 or completely closed
- **Large connection area**
  DIN-rail mounting, ready wired
- **Wall mounting** outside of the protected electrical area
- **Contact carrier system**
  simple accessibility for maintenance and the neccessary check of the contacts

- **Switching mechanism**
  in the top cover



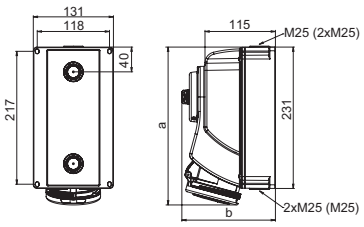
- **Captive screws**

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



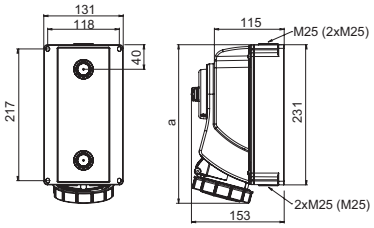
Switched interlocked socket – wall mounting IP44

	16 Amp			32 Amp		
Poles	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 [mm²]	1,5-2,5			2,5-6		
Wire solid [mm²]	1,5-4			2,5-10		
Weight [g]	1067	1072	1118	1123	1136	1183

* 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

IP44/54 splashproof



Switched interlocked socket – wall mounting IP67

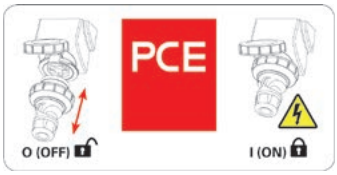
	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	251	251	253	260	260	262
b [mm]	153	153	153	153	153	153
M* [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm²]	1,5-2,5			2,5-6		
Wire solid [mm²]	1,5-4			2,5-10		
Weight [g]	1130	1150	1190	1210	1220	1270

* 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

IP66/67 watertight

incl. sticker 0 (OFF) / I (ON)



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

7525-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	440V~ 60Hz 3h Cat.No.
16	**3**	1	75132-4	**75132-6**	75132-9		
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		
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:

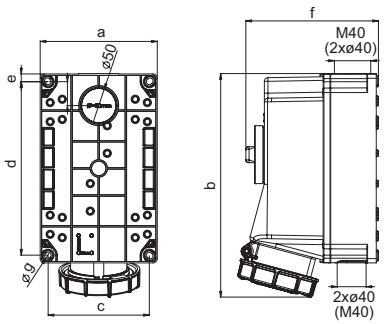
- stable design for wall mounting
- mechanical interlock:
  after plugging and switching-on **plug is locked**
  after switching-off and unplugging **switch is locked**
- all components are mounted on bottom
- large connecting area
- ready wired for connection
- for 16A and 32A wiring-through
- at switch-off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



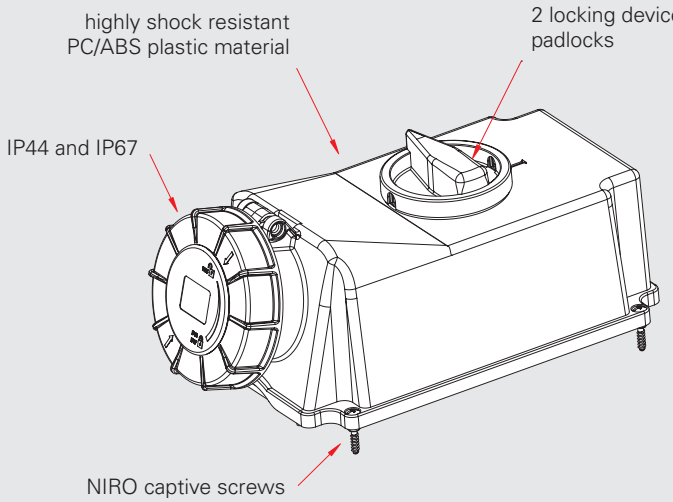
Switched interlocked socket – wall mounting IP67

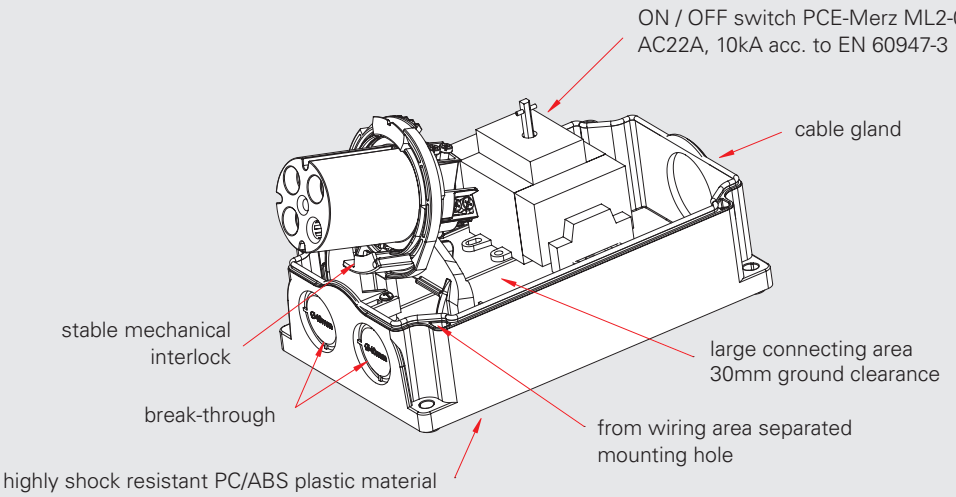
	63 Amp		
Poles	3	4	5
a [mm]	162	162	162
b [mm]	310	310	310
c [mm]	140	140	140
d [mm]	240	240	240
e [mm]	11	11	11
f [mm]	184	184	184
g [mm]	9	9	9
Wire flexible [mm²]	6-25		
Wire solid [mm²]	6-35		
Weight [g]	2049	2032	2179

- 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:





Special designs available on request

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

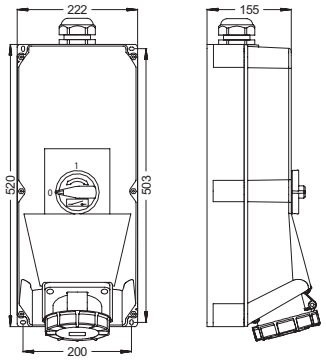
- housing material: high shock-resistent PC/ABS
- stable design for wall mounting
- suitable for in- and outdoor installations
- mechanical interlock:
  after plugging and switching-on plug is locked
  after switching-off and unplugging switch is locked
- generously sized connecting area
- ready wired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

Technical data 63A:

- 63A 3-, 4- and 5 poles
- terminals max. 25/35mm^2
- 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

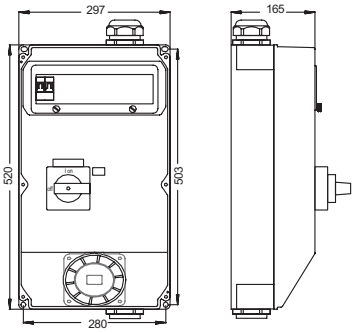
mechanical or electric interlock, lockable by padlock



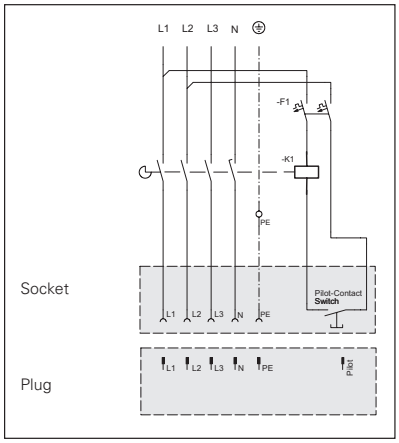
Switched interlocked socket – mechanical interlock 125A

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

IP67 watertight

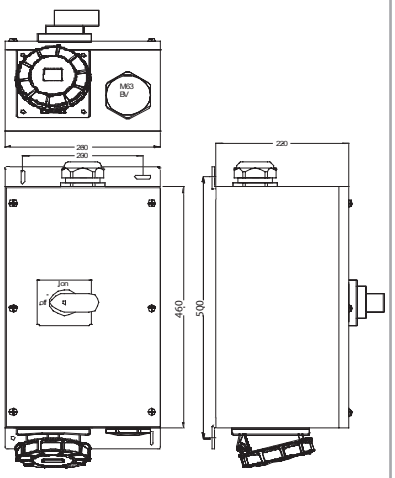


Switched interlocked socket – electric interlock 125A

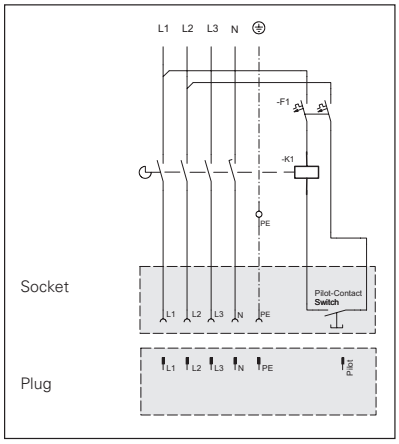


- **WxHxD = 520x297x165mm**
- material PC/ABS
- compact design
- controlled by circuit breaker 125A 4p with integrated low voltage circuit breaker 400V by PCS-system (see page 8)
- top or bottom entry (M63)
- control circuit protected with circuit breaker 10A 2p
- thermic release adjustable from 0,7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



Circuit diagram

- **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

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

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

9755100

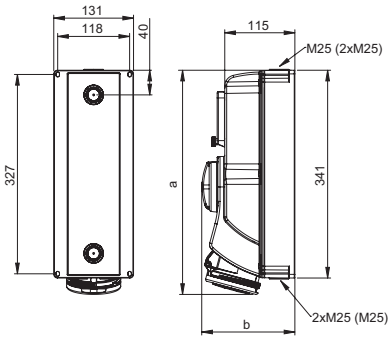
125	**5**	1			**9029100**		

125	**5**	1			**9754100**		

- 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



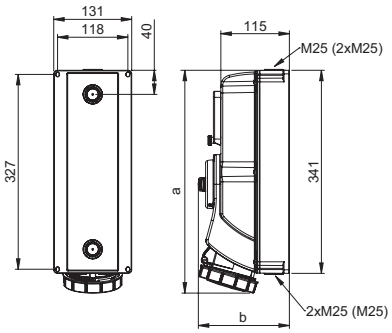
Switched interlocked socket – wall mounting IP44

	16 Amp			32 Amp		
Poles	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 [mm²]	1,5-2,5			2,5-6		
Wire solid [mm²]	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



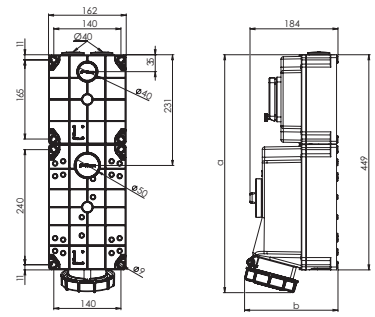
Switched interlocked socket – wall mounting IP67

	16 Amp			32 Amp		
Poles	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 [mm²]	1,5-2,5			2,5-6		
Wire solid [mm²]	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
POWER TWIST

	63 Amp		
Poles	3	4	5
a [mm]	496	496	496
b [mm]	195	195	195
Wire flexible [mm²]	6-16		
Wire solid [mm²]	6-25		
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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	440V~ 60Hz 3h Cat.No.
16	**3**	1	7613-4	**7613-6**	7613-9		
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		
32	**4**	1	7624-4	7624-9	**7624-6**	7624-7	
32	**5**	1	7625-4	7625-9	**7625-6**	7625-7	

7625-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	440V~ 60Hz 3h Cat.No.
16	**3**	1	76132-4	**76132-6**	76132-9		
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		
32	**4**	1	76242-4	76242-9	**76242-6**	76242-7	76242-3
32	**5**	1	76252-4	76252-9	**76252-6**	76252-7	

76252-6

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

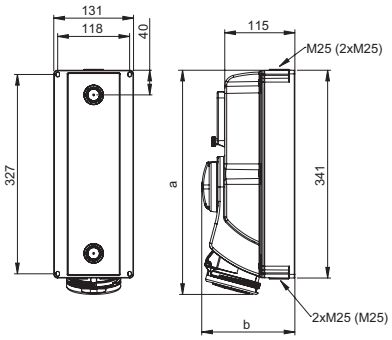
76352-6

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



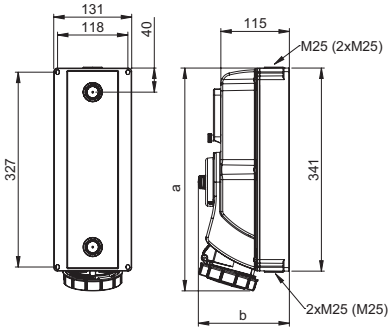
Switched interlocked socket – wall mounting IP44

	16 Amp			32 Amp		
Poles	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 [mm²]	1,5-2,5			2,5-6		
Wire solid [mm²]	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

	16 Amp			32 Amp		
Poles	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 [mm²]	1,5-2,5			2,5-6		
Wire solid [mm²]	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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	440V~ 60Hz 3h Cat.No.
16	**3**	1	7813-4	**7813-6**	7813-9		
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		
32	**4**	1	7824-4	7824-9	**7824-6**	7824-7	
32	**5**	1	7825-4	7825-9	**7825-6**	7825-7	

7825-6

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 3p = 6h 4p+5p = 9h Cat.No.	400V~ 50/60Hz 3p = 9h 4p+5p = 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.	440V~ 60Hz 3h Cat.No.
16	**3**	1	78132-4	**78132-6**	78132-9		
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		
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

CE
PCE

TWIST EXTRA LOW VOLTAGE

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

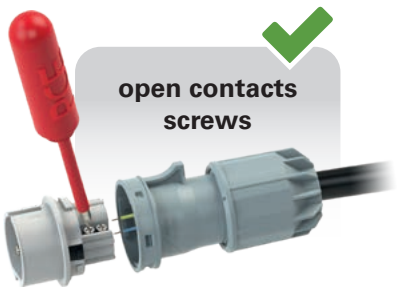
Special working conditions like conductive environment in or on boilers, pipelines, containers, metal frames or limited freedom of motion require the use of extra-low-voltage plugs and sockets.

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!

- **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



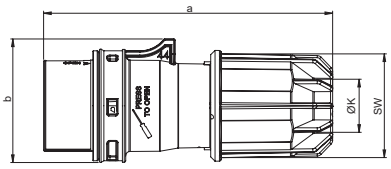
for cable diameters from ø 9,5 to ø 24mm

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.

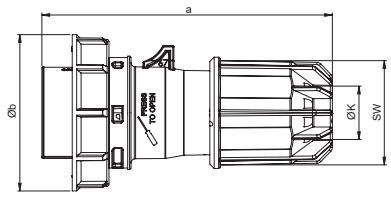


Plug IP44 TWIST

	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

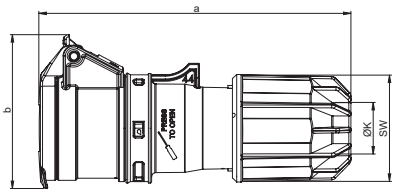


Plug IP67 TWIST

	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

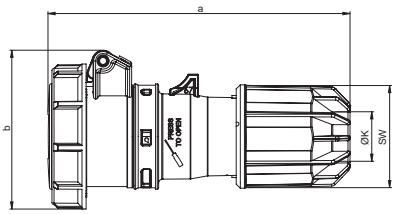


Connector IP44 TWIST

	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

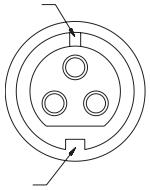
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP67 watertight

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

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 2P	Clockwise position 3P	Color acc. to EN 60309
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
20- 25 and 40- 50	DC	10	-	White

083-3v

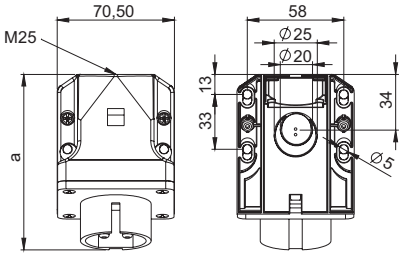
0622v

282-4v

2622v

Extra-low voltage – plugs and sockets

Wall mounted plug IP44



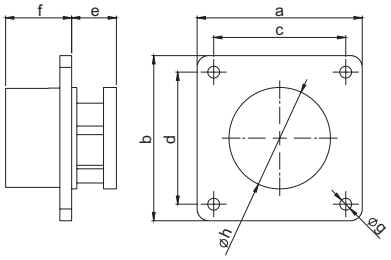
angle=15°

	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

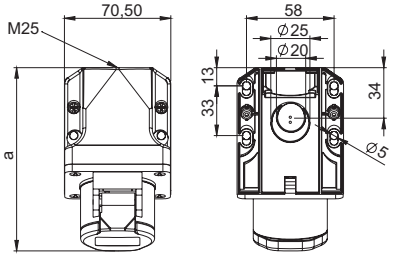


	16 Amp		32 Amp	
Poles	2	3	2	3
Flange a x b [mm]	70	70	70	70
Fixing center c x d [mm]	56	56	56	56
e [mm]	19	19	19	19
f [mm]	28	28	28	28
g [mm]	5	5	5	5
h [mm]	43	43	43	43
Wire flexible [mm²]	4-10			
Wire solid [mm²]	4-10			
Contact screws [Ncm]	110			
Weight [g]	77	93	77	93

- 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



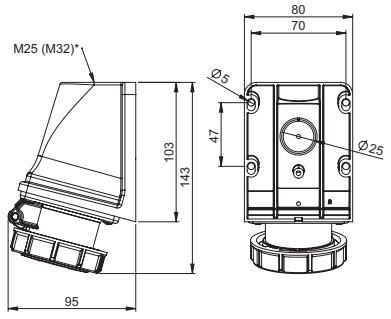
angle=15°

	16 Amp		32 Amp	
Poles	2	3	2	3
a [mm]	124	124	124	124
Height [mm]	91	91	91	91
M [mm]	25	25	25	25
Wire flexible [mm²]	1-10			
Wire solid [mm²]	1,5-10			
Contact screws [Ncm]	160			
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



angle=15°

	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]	160			
Weight [g]	231	251	231	251

* Option: M32

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

IP66/67 watertight

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

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	
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	

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	
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	

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	
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	

1922-4v

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

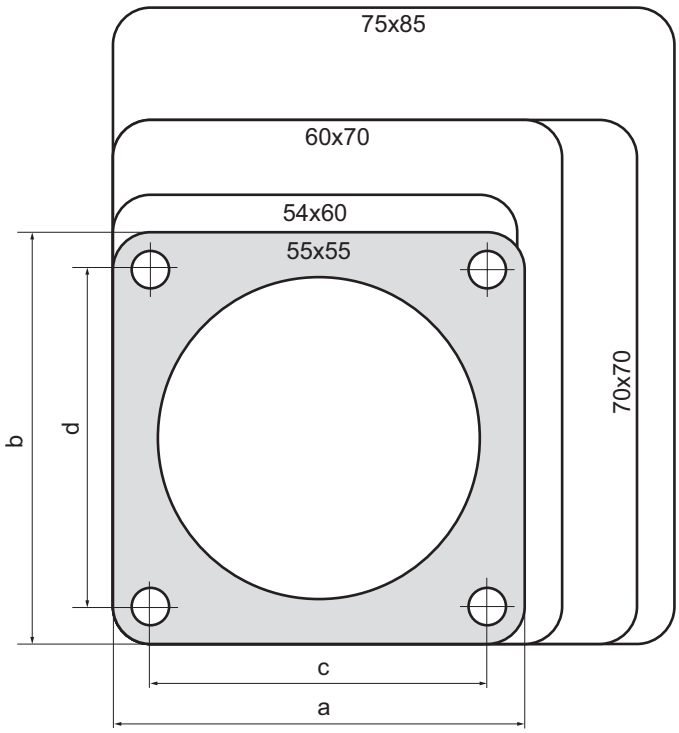
- with screw terminals
- housing material: PA6
- contacts: nickel-plated

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:



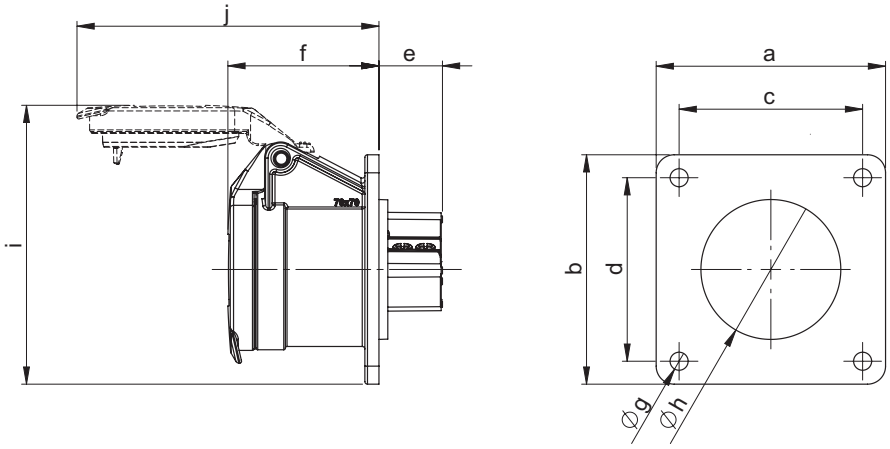
Versions:

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

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							130
				32	2							109
					3							130
55	**55**	41	41	16	2	19	47	4,5	43	79	93	109
					3							129
				32	2							109
					3							129
55	**55**	45	45	16	2	19	47	4,5	43	79	93	108
					3							128
				32	2							108
					3							128
60	**70**	47	53	16	2	19	47	5,5	43	86	93	113
					3							133
				32	2							113
					3							133
70	**70**	56	56	16	2	19	47	5,5	43	86	93	118
					3							138
				32	2							118
					3							138
75	**85**	60	60	16	2	19	47	5,5	43	93	93	136
					3							146
				32	2							126
					3							146

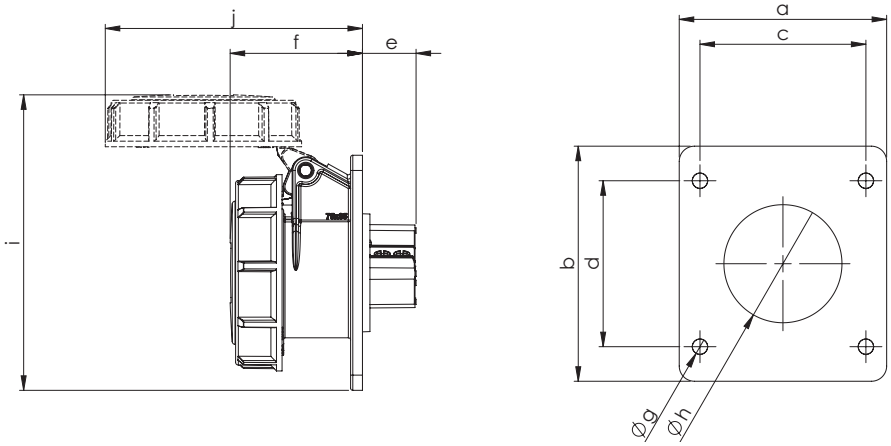
- Connection type: Screw terminal
- Wire flexible: 1-10 mm²
- Wire solid: 1,5-10 mm²
- Contact screws: 160 Ncm

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

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							151
				32	2							131
					3							151
75	**85**	60	60	16	2	19	48	5,5	43	107	93	145
					3							165
				32	2							145
					3							165

- Connection type: Screw terminal
- Wire flexible: 1-10 mm²
- Wire solid: 1,5-10 mm²
- Contact screws: 160 Ncm

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

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:

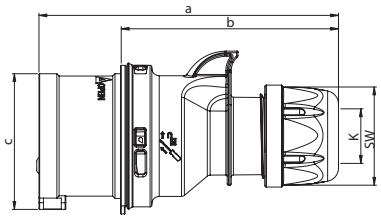
- Star delta connections (motor)
- Tapped winding connections (pole changing)
- Actuation
- Monitoring
- Controlling
- Indicating
- Electrical interlocks, and many more ...

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

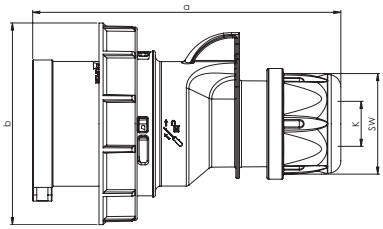


Plug IP44/54 SHARK

	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 [mm²]	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

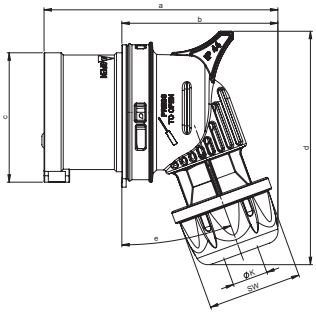


Plug IP66/67 SHARK

	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 [mm²]	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

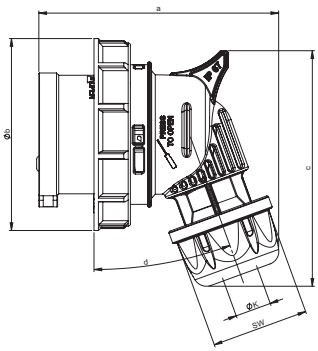


Angled plug IP44/54 TWIST

	16 Amp	32 Amp
Poles	7	7
a [mm]	107	137
b [mm]	71	92
c [mm]	61	70
d [mm]	102	121
e [°]	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]	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]	109	136
b [mm]	87	100
c [mm]	107	118
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]	220	331

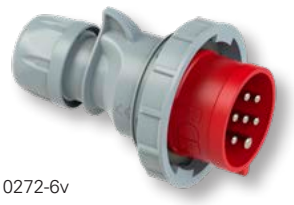
- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated

IP66/67 watertight

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

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 9h Cat.No.	400V~ 50/60Hz 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.
16	**7**	10	0172-4v	0172-9v	**0172-6v**	0172-7v
32	**7**	10	0272-4v	0272-9v	**0272-6v**	0272-7v



0272-6v

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 9h Cat.No.	400V~ 50/60Hz 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.
16	**7**	10	8017-4v	8017-9v	**8017-6v**	8017-7v
32	**7**	10	8027-4v	8027-9v	**8027-6v**	8027-7v

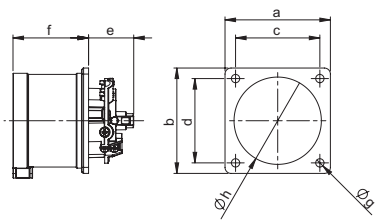
8027-6v

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



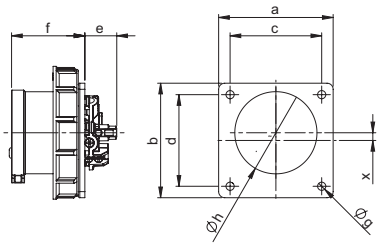
	16 Amp			32 Amp		
Poles	7		7	7		7
a [mm]	70		75	70		75
b [mm]	70		75	70		75
c [mm]	56		60	56		60
d [mm]	56		60	56		60
e [mm]	28		28	30		30
f [mm]	42		42	51		51
Ø g [mm]	5,5		5,5	5,5		5,5
Ø h [mm]	55		55	55		55
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100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



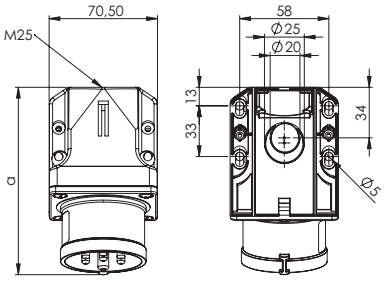
	16 Amp			32 Amp		
Poles	7			7		
a [mm]	75			75		
b [mm]	75			75		
c [mm]	60			60		
d [mm]	60			60		
e [mm]	28			30		
f [mm]	48			58		
Ø g [mm]	5,5			5,5		
Ø h [mm]	55			55		
x [mm]	5,05			0		
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]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

- 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



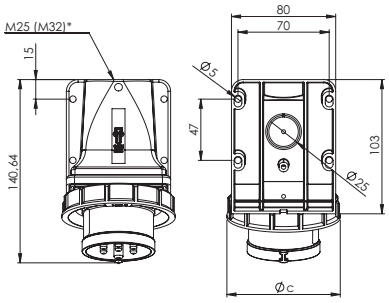
angle =15°

	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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 9h Cat.No.	400V~ 50/60Hz 6h Cat.No.	500V~ 50/60Hz 7h 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

9527-6v

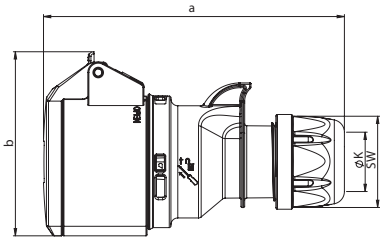
527-6v

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

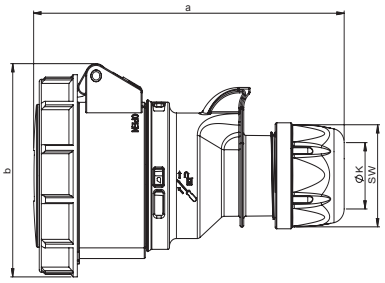


	16 Amp	32 Amp
Poles	7	7
a [mm]	145	168
b [mm]	89	99
K_cable Ø [mm]	8-16	11,5-22
Wire flexible [mm²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	210	310

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

IP44/54 dust- and splashproof

Connector IP66/67 SHARK

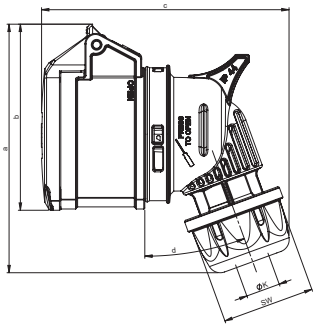


	16 Amp	32 Amp
Poles	7	7
a [mm]	147	171
b [mm]	92	102
K_cable Ø [mm]	8-16	11,5-22
Wire flexible [mm²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	254	377

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

IP66/67 watertight

Angled connector IP44/54 TWIST

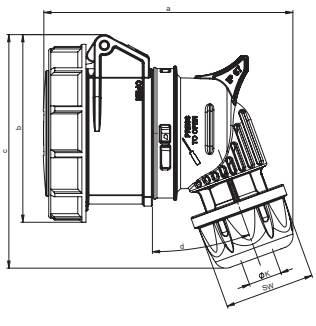


	16 Amp	32 Amp
Poles	7	7
a [mm]	118	130
b [mm]	89	98
c [mm]	119	148
d [°]	20	25
e [mm]		
K_cable Ø [mm]	8-16	11,5-22
Wire flexible [mm²]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	214	313

- 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]	122	152
b [mm]	92	102
c [mm]	115	126
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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 9h Cat.No.	400V~ 50/60Hz 6h Cat.No.	500V~ 50/60Hz 7h 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

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 9h Cat.No.	400V~ 50/60Hz 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.
16	**7**	10	2172-4v	2172-9v	**2172-6v**	2172-7v
32	**7**	10	2272-4v	2272-9v	**2272-6v**	2272-7v

2272-6v

Amp.	Poles	pack. unit	110V~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 9h Cat.No.	400V~ 50/60Hz 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.
16	**7**	10	8217-4v	8217-9v	**8217-6v**	8217-7v
32	**7**	10	8227-4v	8227-9v	**8227-6v**	8227-7v

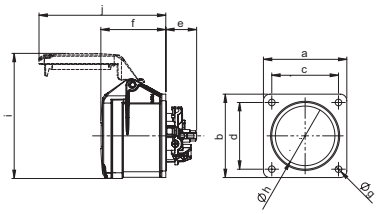
8227-6v

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

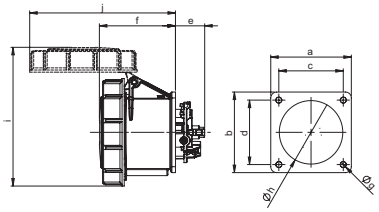


	16 Amp			32 Amp		
Poles	7		7	7		7
a [mm]	70		75	70		75
b [mm]	70		75	70		75
c [mm]	56		60	56		60
d [mm]	56		60	56		60
e [mm]	26		26	28		23
f [mm]	55		55	67		67
Ø g [mm]	5,5		5,5	5,5		5,5
Ø h [mm]	52		52	58		58
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100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

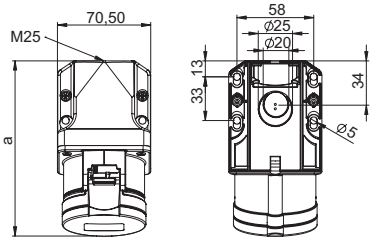


	16 Amp			32 Amp		
Poles	7		7	7		7
a [mm]	70		75	70		75
b [mm]	70		75	70		75
c [mm]	56		60	56		60
d [mm]	56		60	56		60
e [mm]	26		26	28		28
f [mm]	59		59	71		71
Ø g [mm]	5,5		5,5	5,5		5,5
Ø h [mm]	55		55	60		60
i [mm]	117		117	130		130
j [mm]	115		115	136		136
Wire flexible [mm²]	1-2,5			2,5-6		
Wire 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



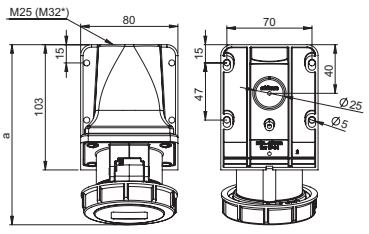
angle=15°

	16 Amp			32 Amp		
Poles		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



angle=15°

	16 Amp			32 Amp		
Poles		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~ 50/60Hz 4h Cat.No.	230V~ 50/60Hz 9h Cat.No.	400V~ 50/60Hz 6h Cat.No.	500V~ 50/60Hz 7h Cat.No.
with flange 70 x70 - 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

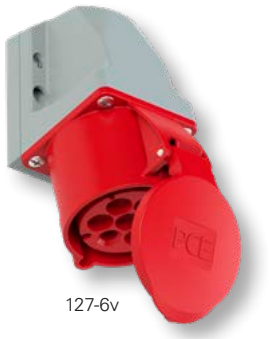
327-6v

with flange 70 x70 - 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

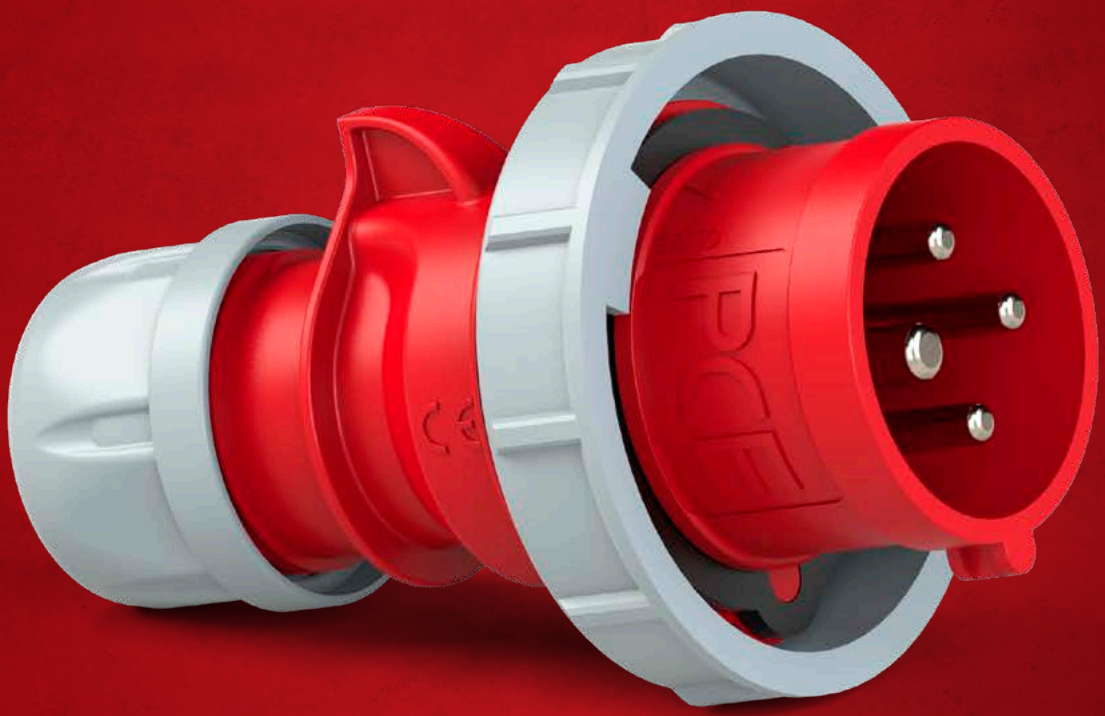
927-6v



127-6v

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

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**

APPROVED
TYPE APPROVAL SCHEME

Container products:

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

*with Lloyd's Register Type Approval

Container plugs and sockets

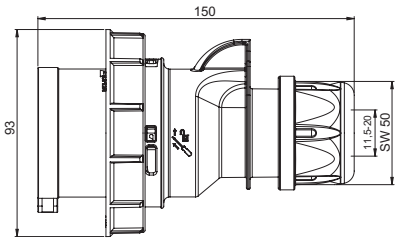
Container Plug SHARK

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

IP67 watertight

0242-3v

pack.unit: 10



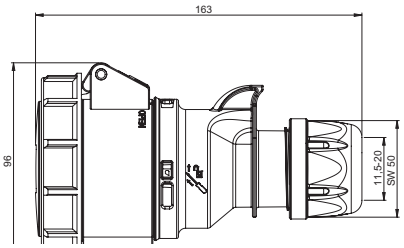
Container Connector SHARK

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

IP67 watertight

2242-3v

pack.unit: 10



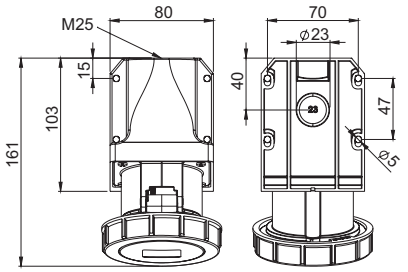
Container Wall socket

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

IP67 watertight

1242-3v

pack.unit: 5



height=108mm
angle=15°

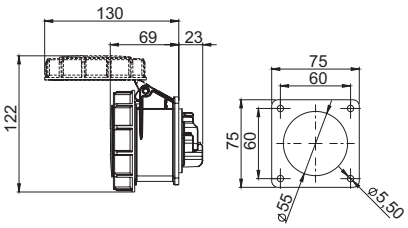
Container Flanged socket straight

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

IP67 watertight

3242-3v

pack.unit: 10



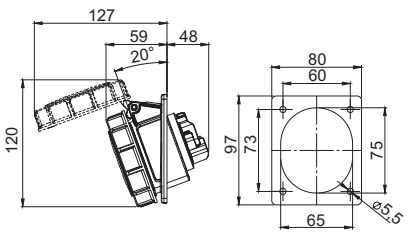
Container Flanged socket sloping

- 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



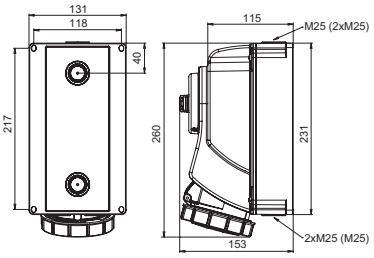
Container
Switched interlocked socket

- 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



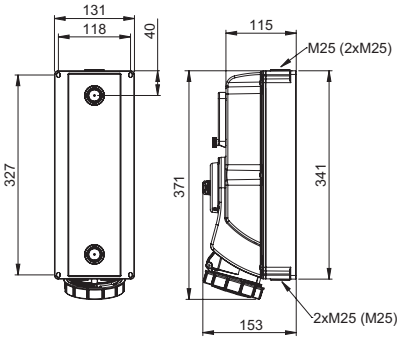
Container Switched
interlocked socket with fuse

- 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



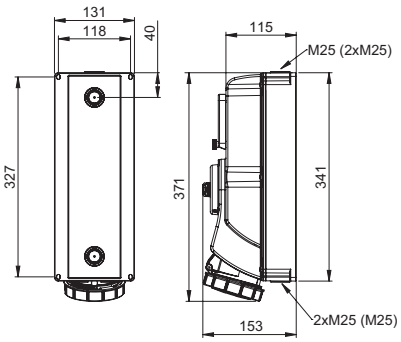
Container Switched
interlocked socket with DIN rail

- 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

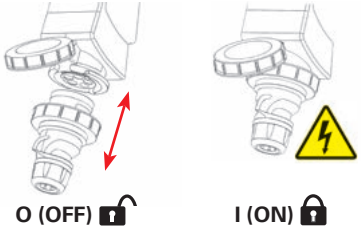
IP67 watertight

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“.

CLOSE
PCE

CEE PLUGS AND SOCKETS 1h
FOR EMERGENCY POWER SUPPLY

Image: Rosenbauer International AG

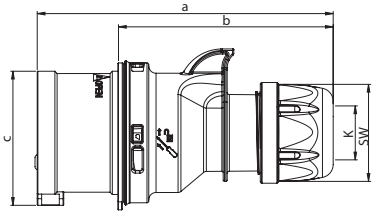
§ According to DIN VDE 0100-551 Bbl 1 (VDE 0100-551 Bbl 1):2019-06, emergency power feeds with mobile power generators carried out by electrical engineering amateurs must use **1 o'clock** coded plugs and sockets (**CEE plugs and sockets 400V 5p 1h** up to max. 125A). For this purpose, an appliance plug must be used on the building side as well as the connection cable (plug and coupling) between the power generator and the feed-in with **1h** position.

CEE plugs and sockets 1h for emergency power supply

Plug IP44/54 SHARK

• 16A/32A 5p 1h >50V pack. unit: 10

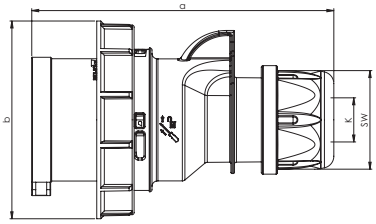
	16 Amp	32 Amp
Poles	5	5
a [mm]	134	155
b [mm]	98	109
c [mm]	61	70
K_cable Ø [mm]	8-16	11,5-22
SW [mm]	42	50
Cat.No.	**015-1**	**025-1**



Plug IP67 SHARK

• 16A/32A 5p 1h >50V pack. unit: 10

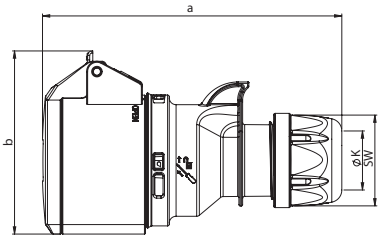
	16 Amp	32 Amp
Poles	5	5
a [mm]	134	155
b [mm]	87	100
K_cable Ø [mm]	8-16	11,5-22
SW [mm]	42	50
Cat.No.	**0152-1**	**0252-1**



Connector IP44/54 SHARK

• 16A/32A 5p 1h >50V pack. unit: 10

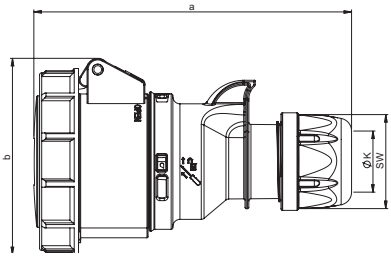
	16 Amp	32 Amp
Poles	5	5
a [mm]	145	168
b [mm]	89	99
K_cable Ø [mm]	8-16	11,5-22
SW [mm]	42	50
Cat.No.	**215-1**	**225-1**



Connector IP66/67 SHARK

• 16A/32A 5p 1h >50V pack. unit: 10

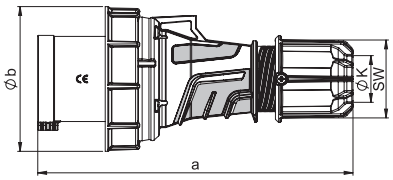
	16 Amp	32 Amp
Poles	5	5
a [mm]	147	171
b [mm]	92	102
K_cable Ø [mm]	8-16	11,5-22
SW [mm]	42	50
Cat.No.	**2152-1**	**2252-1**



Plug IP66/67 POWER TWIST

• 63A 5p 1h >50V pack. unit: 2

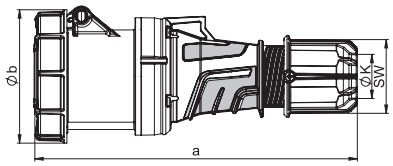
	63 Amp
Poles	5
a [mm]	250
b [mm]	115
K_cable Ø [mm]	14,5-36
SW [mm]	61
Cat.No.	**035-1**



Connector IP66/67 POWER TWIST

• 63A 5p 1h >50V pack. unit: 2

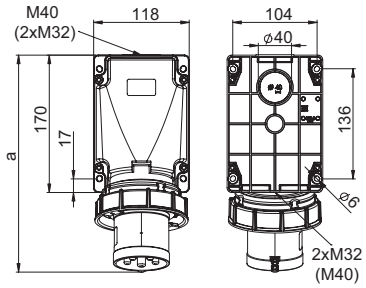
	63 Amp
Poles	5
a [mm]	269
b [mm]	114
K_cable Ø [mm]	14,5-36
SW [mm]	61
Cat.No.	**235-1**



Wall mounted plug IP66/67 POWER TWIST

• 63A 5p 1h >50V pack. unit: 10

	63 Amp
Poles	5
a [mm]	271
Height [mm]	175
Cat.No.	**535-1**

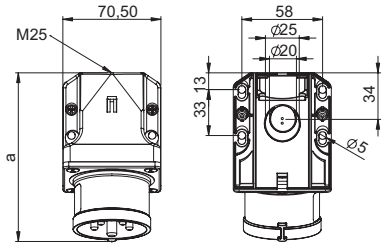


angle=15°

Wall mounted plug IP44

• 16A/32A 5p 1h >50V pack. unit: 10

	16 Amp	32 Amp
Poles	5	5
a [mm]	122	132
Height [mm]	79	85
M [mm]	25	25
Cat.No.	**515-1**	**525-1**



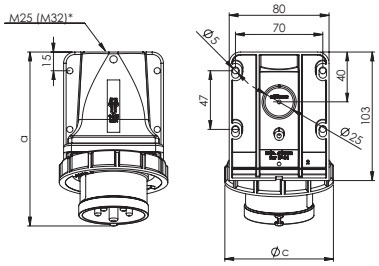
angle=15°

Wall mounted plug IP67

• 16A/32A 5p 1h >50V pack. unit: 5

	16 Amp	32 Amp
Poles	5	5
a [mm]	140	152
Height [mm]	100	102
c [mm]	87	102
M* [mm]	25	25
Cat.No.	**5152-1k**	**5252-1k**

*M32 optional on request available



angle=15°

PCE
OPEN

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 330)

Caravan plugs and sockets for camping areas

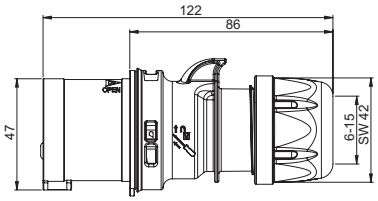
Caravan Plug SHARK

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

IP44 splashproof

013-6

pack.unit: 10



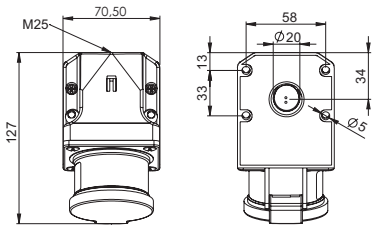
Caravan Wall mounted plug

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

IP44 splashproof

513-6d

pack.unit: 10



height= 92mm
angle= 15°

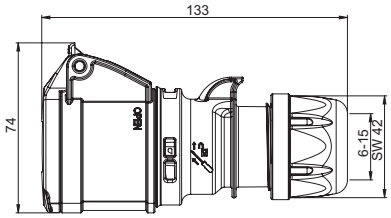
Caravan Connector SHARK

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

IP44 splashproof

213-6

pack.unit: 10



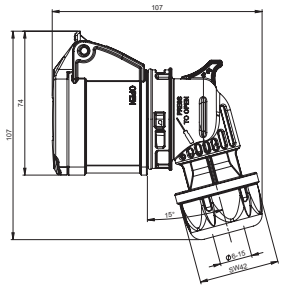
Caravan Angled connector

- 16A 3p 230V
- contacts: brass

IP44 splashproof

8213-6

pack.unit: 10



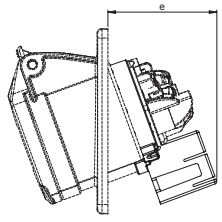
Flanged socket sloping with auxiliary switch

- **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.: 413-6h**v**

IP44/54 splash- and dustproof

413-6h

pack.unit: 10

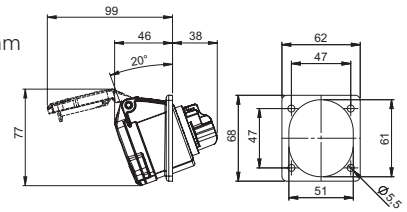


other versions and more technical information see page 94

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

IP44 splashproof

Entry:
CEE-plug16A 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

9007

pack.unit: 10

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

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. Aust./German system 16A 2p+E 250V

Protection:
1 RCD 25A 0,03A

9439125

pack.unit: 1

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

Multiple-sockets outlet

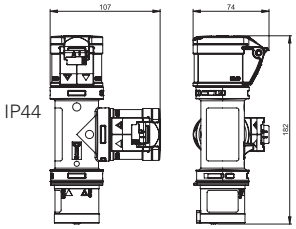
94325103*
IP44 splashproof

94326103*
IP67 watertight

T-Connect
2-way connector with CEE plug

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

pack unit: 10



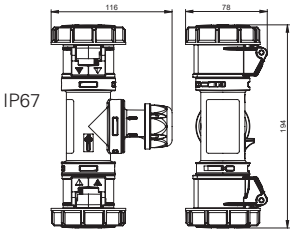
94325102
IP44 splashproof

94326102
IP67 watertight

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

pack unit: 10



9432000*
IP44 splashproof

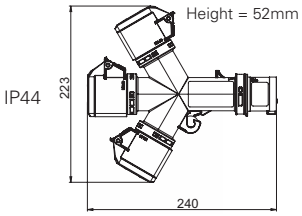
9432001*
IP67 watertight

Multiple-socket outlet

- nickel plated contacts
- also available in 110V

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

pack unit: 5



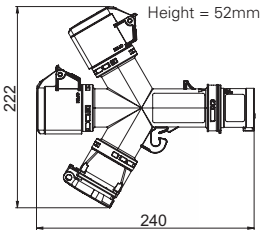
9432004*
IP44 splashproof

Multiple-socket outlet

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

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

pack unit: 5



9432006
IP44 splashproof

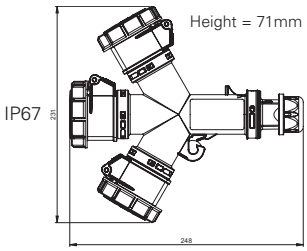
9432007
IP67 watertight

Multiple-socket outlet

- nickel plated contacts
- also available in 110V

Entry: 1 Twist-cable gland prewired on terminals
Outlet: 3 CEE-sockets 16A 3p 230V

pack unit: 5



9432002
IP44 splashproof

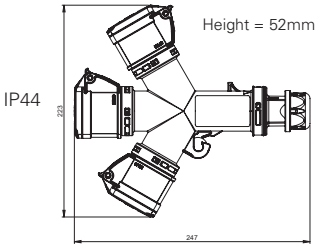
9432003
IP67 watertight

Multiple-socket outlet

- nickel plated contacts
- also available in 110V

Entry: 1,5m cable with plug 16A 3p 230V
Outlet: 3 CEE-sockets 16A 3p 230V

pack unit: 5



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

Multiple-sockets outlet and adaptors

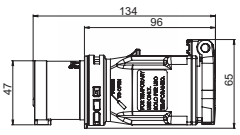
Adaptor

CEE-plug 16A 3p / safety socket
- available also with French/Belgian, Danish and British sockets
- nickel-plated contacts

Entry: 1 CEE-plug 16A 3p 230V
Outlet: 1 safety socket 16A 250V

IP44 splashproof

pack unit: 10



height = 52mm

9433100*
Austrian/German

9433101*
French/Belgian

9433102*
Danish

9433103*
British

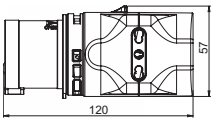
Adaptor

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

Entry: 1 CEE-plug 16A 3p 230V
Outlet: 2 italian socket outlets P17/11
1 italian socket outlet P30/17

IP20

pack unit: 10



height = 53mm

9433170*

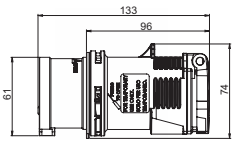
Adaptor

CEE-plug 16A 5p / safety socket
- available also with French/Belgian, Danish and British sockets
- nickel-plated contacts

Entry: 1 CEE-plug 16A 5p 400V
Outlet: 1 safety socket 16A 250V

IP44 splashproof

pack unit: 10



height = 66mm

9433020*
Austrian/German

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

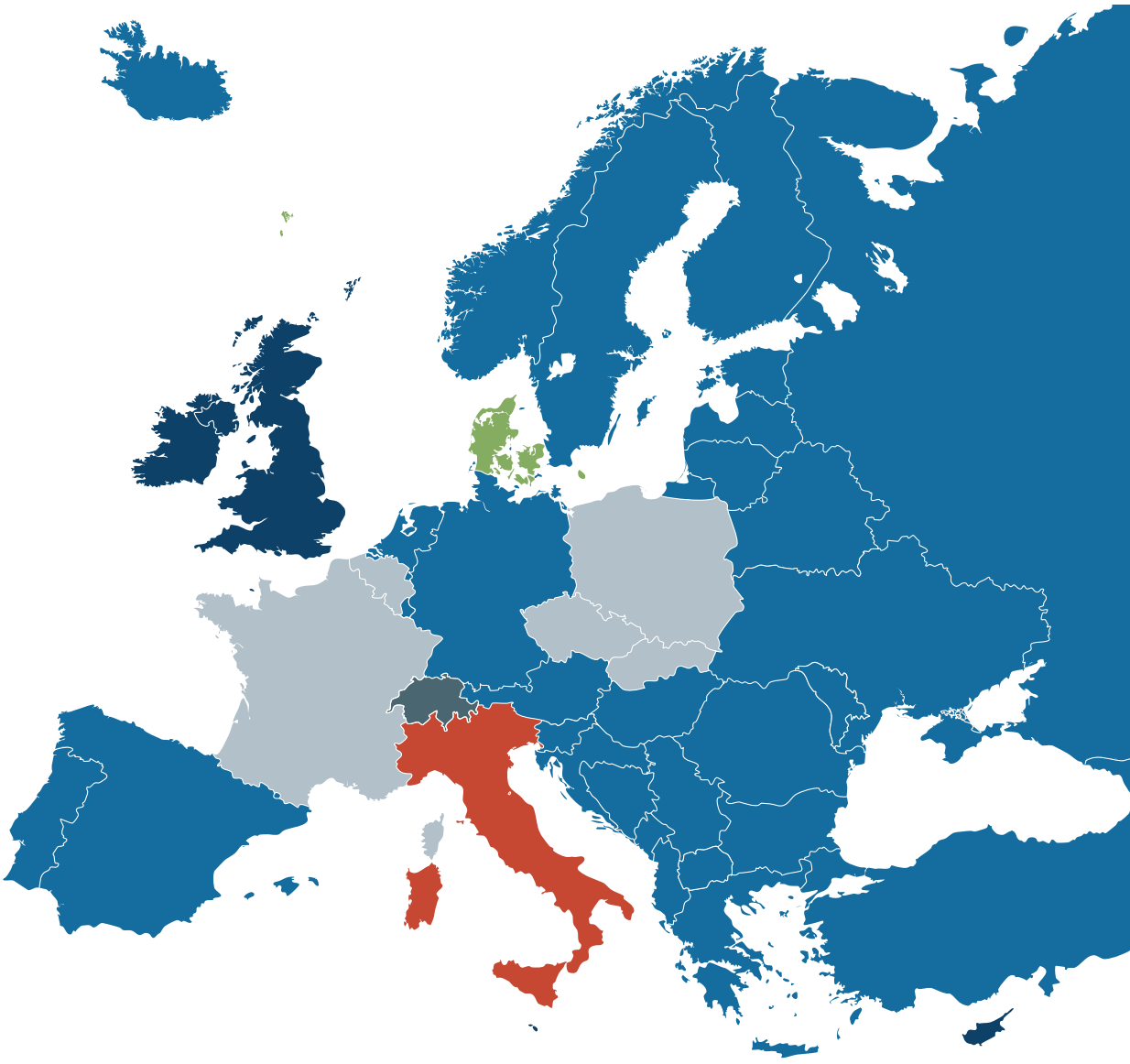
PCE

SAFETY PLUGS AND SOCKETS
AND ACCESSORIES

		Page
	Plugs and socket outlets S-NOVA / P-NOVA plus	162
	Data socket CAT.6A (RJ45) USB charging socket	178
	Plugs and sockets IP66/68 Nautilus - watertight	180
	TAURUS2 Plug and connector systems	186
	TOPTAURUS2 Plug and connector systems	192
	3-way connectors	196

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

S-NOVA® P-NOVA PLUS+

Source: www.iec.ch

S-NOVA®
THE SAFETY SOCKET

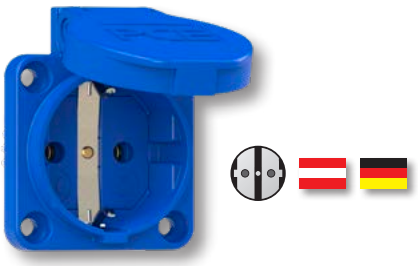
PCE

Full flexibility:

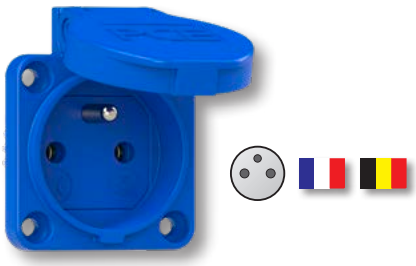
01	**System** Austrian/German or French/Belgian	
02	**Flange size** 50x50 / 70x70 / 75x75 mm	
03	**Connection type** rear / side / screwless	
04	**Rotation shutter**	SAFETY+
05	**Sealing bulge** special sealing contour for IP54	
06	**Colors** 7 different colors	

01 System - 2 versions

Austrian/German system
Type F - with earth lug

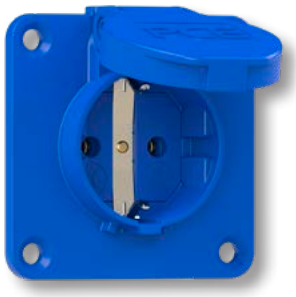


French/Belgian system
Type E - with earth pin



02 Flange size - 3 versions

50x50mm
Flange: ☐ 50x50mm
Fixing center: ☐ 38x38mm



70x70mm
Flange: ☐ 70x70mm
Fixing center: ☐ 56x56mm

75x75mm
Flange: ☐ 75x75mm
Fixing center: ☐ 60x60mm

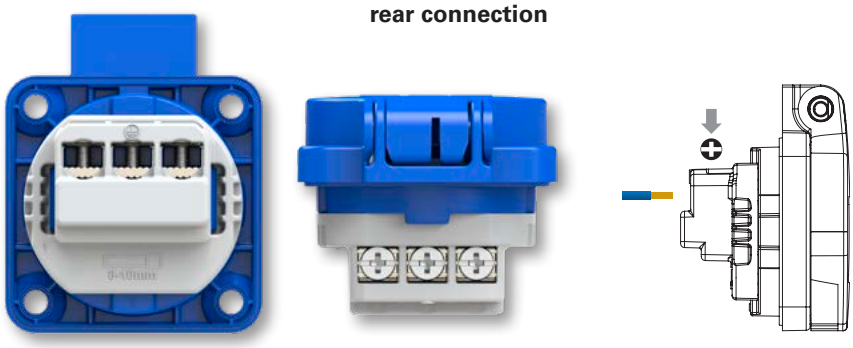
03 Connection type- 3 versions

Screw terminals

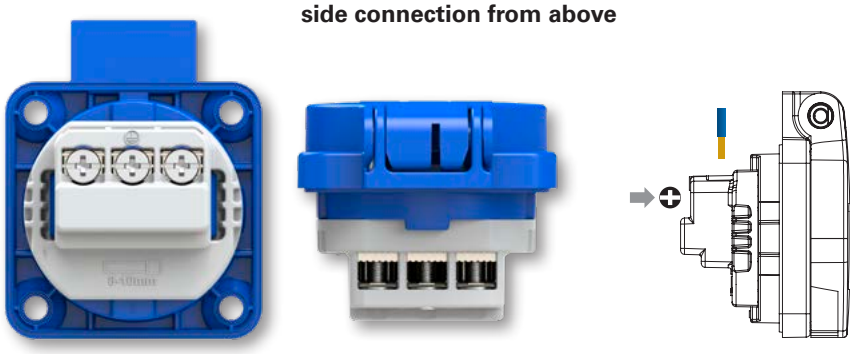
rear or side connection

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

rear connection



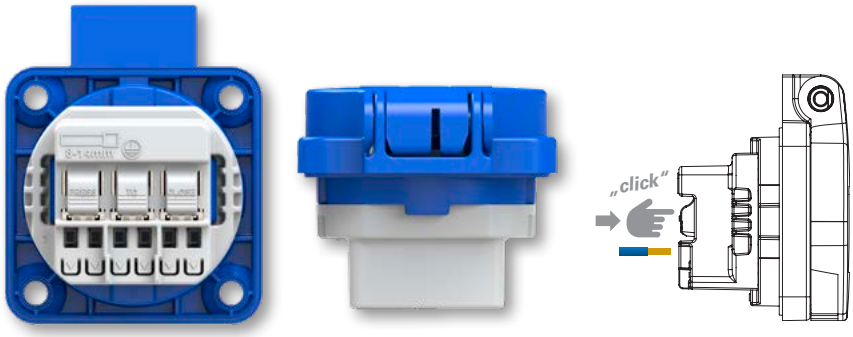
side connection from above



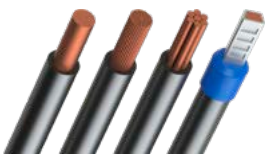
Screwless terminal

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 (stripped)- also connectable without end sleeve*



TURBO TERMINAL »click«



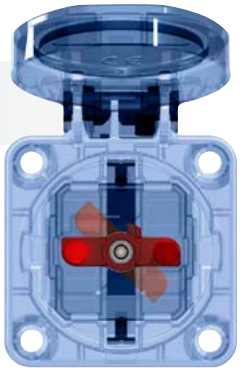
Insert wire

Press for closing terminal

Ready!

04 Shutter

SAFETY+



Rotation shutter (optional)
for increased security

05 Sealing bulge

only IPx4

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

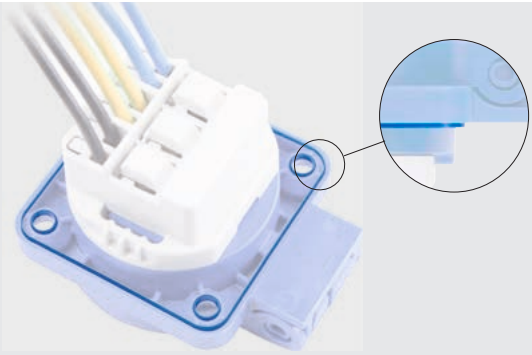
Examples for portable use:
mobile distribution boxes and cable reels

06 Colors - 9 versions

b blue (sim. RAL 5017)
STANDARD

e	o	r	u	s	dg	g	w
yellow (sim. RAL 1023)	orange (sim. RAL 2011)	red (sim. RAL 3000)	green (sim. RAL 6018)	black (sim. RAL 9005)	darkgray (sim. RAL 7046)	gray (sim. RAL 7035)	white (sim. RAL 9016)

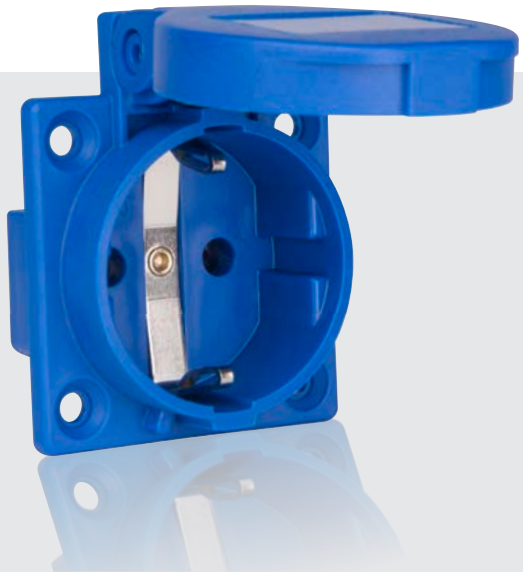
available on request (minimum quantity 200 pcs.)



Sealing contour (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

P-NOVA PLUS+



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)

Rotation shutter

Optional with shutter

SAFETY+

- **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

French/Belgian standard

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

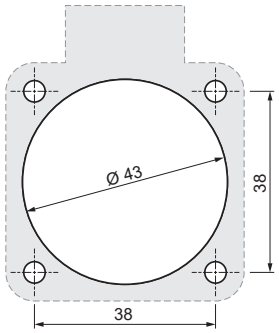
Screw contact systems

side connection

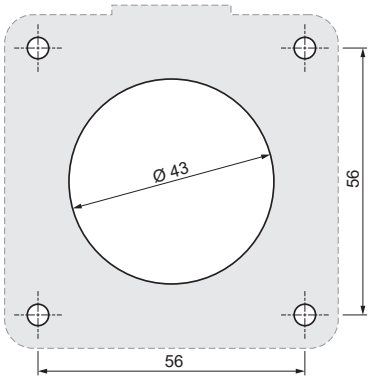
rear connection

Socket outlets

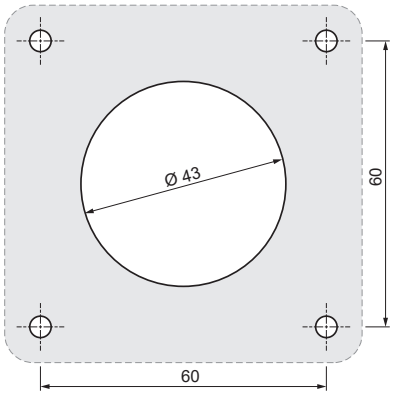
Dimensions S-NOVA:



Flange: 50x50 mm

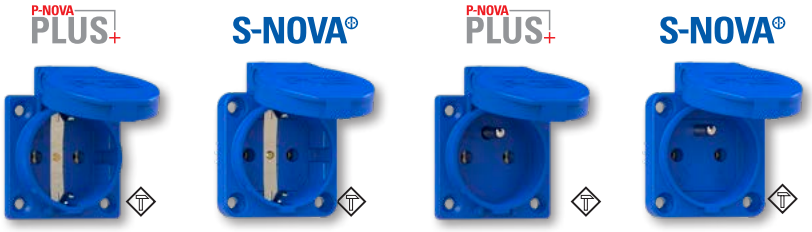


Flange: 70x70 mm



Flange: 75x75 mm

Versions: Flange 50x50

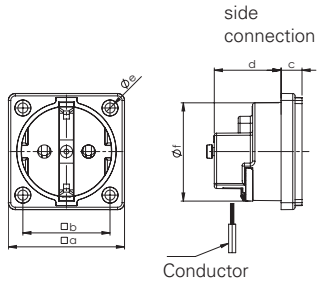


Connection type	Austrian/German system		French/Belgian system	
Screw terminal rear connection	**1050-0b**	**105-0b**	**1040-0b**	**104-0b**
incl. shutter	**1050-0bc**	**105-0bc**	**1040-0bc**	**104-0bc**
incl. sealing bulge*	**1050-0bw**	**105-0bw**		
Screw terminal side connection	**1050-0bs**	**105-0bs**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

Plugs and socket outlets
Flanged sockets conforming to Austrian/German standards

Socket outlet Austrian/German system



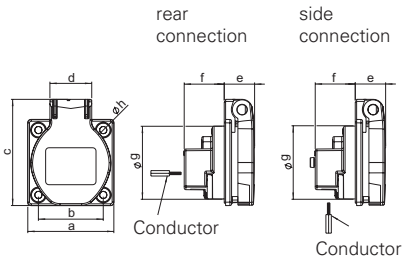
	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	37,5
c [mm]	9
d [mm]	29
e [mm]	4,3
f [mm]	43
Wire flexible [mm²]	1- 2x2,5
Wire solid [mm²]	1- 2x2,5
Contact screws [Ncm]	80
Weight [g]	34

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

IP20

ÖVE

Socket outlet Austrian/German system

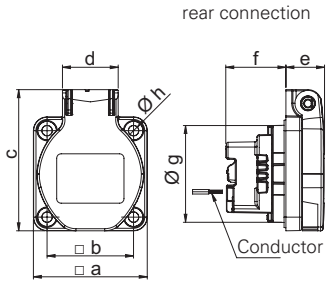


	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	18
f [mm]	24
g [mm]	43
h [mm]	4,2
Wire flexible [mm²]	1- 2x2,5
Wire solid [mm²]	1- 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

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

IP54 splashproof

Socket outlet Austrian/German system

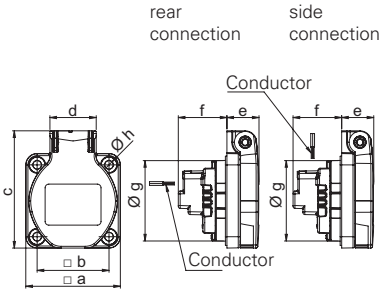


	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	17
f [mm]	26
g [mm]	43
h [mm]	4,5
Wire flexible [mm²]	1- 2x2,5
Wire solid [mm²]	1- 2x2,5
Weight [g]	46

- 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 [mm²]	1- 2x2,5		
Wire solid [mm²]	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		STANDARD 250V~ 50/60Hz Flange 50x50 Cat.No.	SPECIAL 250V~ 50/60Hz Flange 70x70 Cat.No.	SPECIAL 250V~ 50/60Hz Flange 75x75 Cat.No.
			P-NOVA PLUS+				
16	**3**	100	**„sc“** side connection, with shutter		10584-0w**sc**		

10584-0wsc

			P-NOVA PLUS+				
16	**3**	100		**rear connection (standard)**	1050-0b		
16	**3**	100	**„s“**	side connection	1050-0b**s**		
16	**3**	100	**„c“**	rear connection, with shutter	SAFETY+ 1050-0b**c**		
16	**3**	100	**„sc“**	side connection, with shutter	SAFETY+ 1050-0b**sc**		

1050-0b

			S-NOVA®				
16	**3**	100		**rear connection (standard)**	109-0b		
16	**3**	100	**„c“**	rear connection, with shutter	SAFETY+ 109-0b**c**		

109-0**b**

			S-NOVA®				
16	**3**	100		**rear connection (standard)**	105-0b	105-7b	105-8b
16	**3**	100	**„s“**	side connection	105-0b**s**	105-7b**s**	105-8b**s**
16	**3**	100	**„c“**	rear connection, with shutter	SAFETY+ 105-0b**c**	105-7b**c**	105-8b**c**
16	**3**	100	**„sc“**	side connection, witch shutter	SAFETY+ 105-0b**sc**	105-7b**sc**	105-8b**sc**

105-0**b**
Flange = 50x50

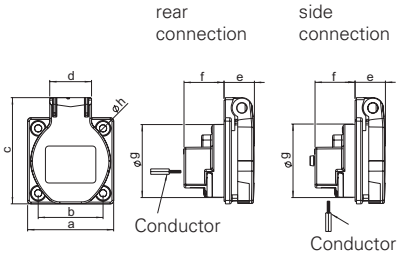
105-8**b**
Flange = 75x75

Special versions are available on request.

Plugs and socket outlets

Flanged sockets conforming to Austrian/German system for portable use

Socket outlet Austrian/German system



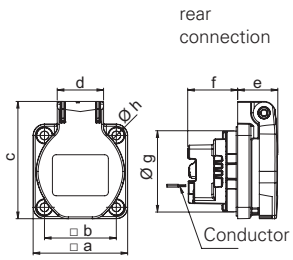
	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	22
f [mm]	24
g [mm]	43
h [mm]	4,2
Wire flexible [mm²]	1- 2x2,5
Wire solid [mm²]	1- 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

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

IP54 splashproof

only IPX4

Socket outlet Austrian/German system



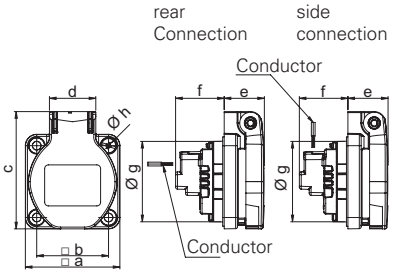
	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	21
f [mm]	26
g [mm]	43
h [mm]	4,5
Wire flexible [mm²]	1- 2x2,5
Wire solid [mm²]	1- 2x2,5
Weight [g]	44

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

IP54 splashproof

only IPX4

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 [mm²]	1- 2x2,5		
Wire solid [mm²]	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

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 (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	STANDARD 250V~ 50/60Hz Flange 50x50 Cat.No.	SPECIAL 250V~ 50/60Hz Flange 70x70 Cat.No.	SPECIAL 250V~ 50/60Hz Flange 75x75 Cat.No.
			P-NOVA PLUS+			
16	**3**	100	**rear connection,** with sealing bulge	1050-0bw		
16	**3**	100	side connection, with sealing bulge	1050-0bsw		

1050-0bw

TURBO TERMINAL

			S-NOVA®			
16	**3**	100	**rear connection,** with sealing bulge	109-0bw		

109-0bw

			S-NOVA®			
16	**3**	100	**rear connection,** with sealing bulge	105-0bw	105-7bw	105-8bw
16	**3**	100	side connection, with sealing bulge	105-0bsw		

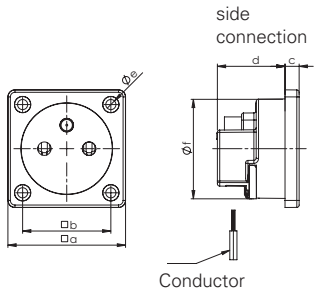
105-0bw

Explanation:
The prescribed standard of the sealing bulge is highlighted in dark blue in the picture below.

Plugs and socket outlets

Flanged sockets conforming to French/Belgian system

Socket outlet French/Belgian system

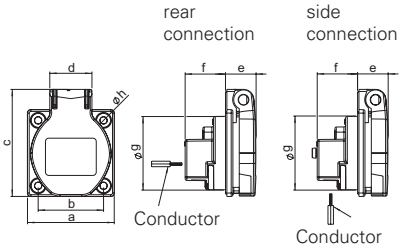


	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	37,5
c [mm]	6
d [mm]	29
e [mm]	4,3
f [mm]	43
Wire flexible [mm²]	1 - 2x2,5
Wire solid [mm²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	34

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

IP20

Socket outlet French/Belgian system

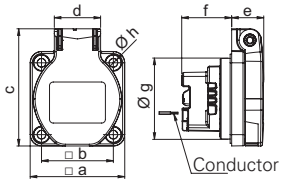


	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	18
f [mm]	24
g [mm]	43
h [mm]	4,2
Wire flexible [mm²]	1 - 2x2,5
Wire solid [mm²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

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

IP54 splashproof

Socket outlet French/Belgian version

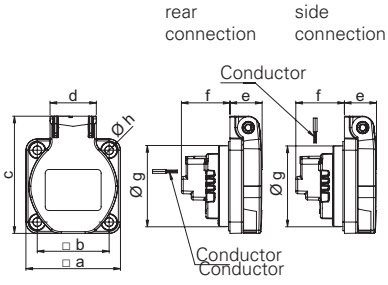


	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	17
f [mm]	26
g [mm]	43
h [mm]	4,5
Wire flexible [mm²]	1 - 2x2,5
Wire solid [mm²]	1 - 2x2,5
Weight [g]	43

- 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 [mm²]	1 - 2x2,5		
Wire solid [mm²]	1 - 2x2,5		
Contact screws [Ncm]	80		
Weight [g]	45	50	51

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

IP54 splashproof

NF approval only for flange 50x50

Amp.	Poles	pack. unit	Abbreviations/Types		STANDARD 250V~ 50/60Hz Flange 50x50 Cat.No.	SPECIAL 250V~ 50/60Hz Flange 70x70 Cat.No.	SPECIAL 250V~ 50/60Hz Flange 75x75 Cat.No.
			P-NOVA PLUS+				
16	**3**	100	**„s“** side connection **color: white**		10484-0w**s**		

10484-0ws

			P-NOVA PLUS+				
16	**3**	100	**rear connection (standard)**		1040-0b		
16	**3**	100	**„s“** side connection		1040-0b**s**		
16	**3**	100	**„c“** with shutter	NF	1040-0b**c**		
16	**3**	100	**„sc“** side connection, with shutter	NF	1040-0b**sc**		

1040-0b

			S-NOVA®				
16	**3**	100	**rear connection (standard)**		108-0b		
16	**3**	100	**„c“** with shutter	NF	108-0b**c**		

TURBO click TERMINALS

108-0b

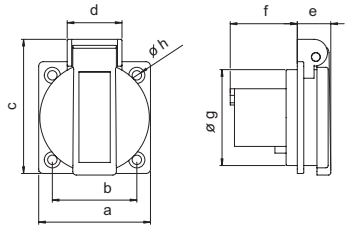
108-0**b**

			S-NOVA®				
16	**3**	100	**rear connection (standard)**		104-0b	104-7b	104-8b
16	**3**	100	**„s“** side connection		104-0b**s**	104-7b**s**	104-8b**s**
16	**3**	100	**„c“** with shutter	NF	104-0b**c**	104-7b**c**	104-8b**c**
16	**3**	100	**„sc“** side connection, with shutter	NF	104-0b**sc**	104-7b**sc**	104-8b**sc**

104-0**b**
Flange = 50x50

Special versions are available on request.

Flanged sockets conforming to Danish, English and Swiss system

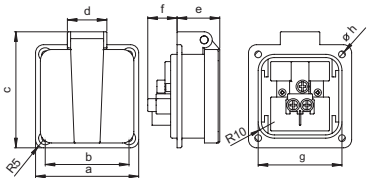


Socket outlet Danish system

	16 Amp
Poles	2P + E
a [mm]	50
b [mm]	38
c [mm]	60
d [mm]	24,5
e [mm]	15
f [mm]	30
g [mm]	43
h [mm]	4,2
Weight [g]	42

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

IP54 splashproof

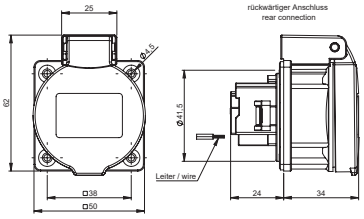


Socket outlet English version

	13 Amp	13 Amp
Poles	2P + E	2P + E
a [mm]	64	50
b [mm]	52	38
c [mm]	72	64
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

IP54 splashproof

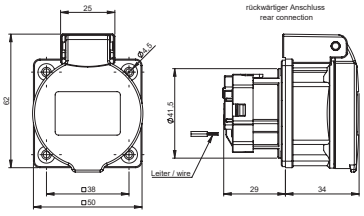


Socket outlet IP55 Swiss version T13 and T23

	10 Amp	16 Amp
Poles	2P + E	2P + E
Weight [g]	58	58

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

IP55 dust- and splashproof



Socket outlet IP55 Swiss version T15 and T25

		16 Amp
Poles		3L + N + PE
Weight [g]		67

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

IP55 dust- and splashproof

Amp.	Poles	pack. unit	Abbreviations/Types	250V~ 50/60Hz Cat.No.	440V~ 50/60Hz Cat.No.
16	**3**	100	**rear connection Flange: 50 x 50** blue	1030-0b	
16	**3**	100	**rear connection Flange: 50 x 50** black	1030-0s	

1030-0b

13	**3**	100	**side connection Flange: 64 x 64** black	1020-0s	
13	**3**	100	**side connection Flange: 50 x 50** black	1020-5s	

1020-5s

10	**3**	100	**T13 rear connection Flange: 50 x 50** black (lid blue), with Shutter	1313-0bc	
16	**3**	100	**T23 rear connection Flange: 50 x 50** black (lid blue), with Shutter	1323-0bc	

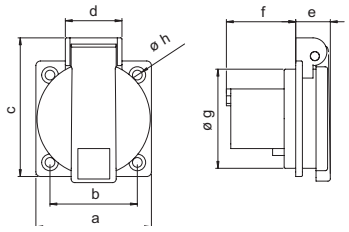
1313-0bc

1323-0bc

16	**3**	100	**T25 rear connection Flange: 50 x 50** black (lid red)		1325-0r

1325-0r

Flanged sockets and accessories

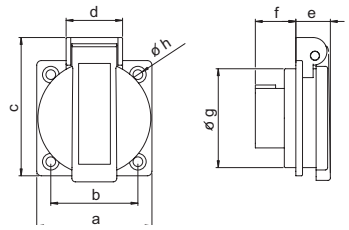


Socket outlet Italian system

	16 Amp
Poles	2P + E
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

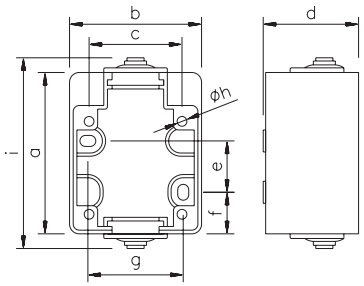


Socket outlet Australian system

	15 Amp
Poles	2P + E
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

IP20



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

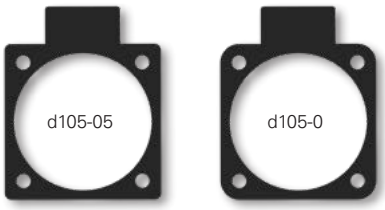
Amp.	Poles	pack. unit	Abbreviations/Types	Cat.No.	
16	**3**	100	**rear connection Flange: 50 x 50**	1036-0s	black
15	**3**	100	**rear connection Flange: 50 x 50**	1037-0s	black

24	Mounting box for S-NOVA and P-NOVA+	**106-0**	blue
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	P-NOVA PLUS+	**d105-05**
Flange gasket for S-NOVA 50x50	S-NOVA®	**d105-0**
Flange gasket for S-NOVA 70x70		**d10570**
Flange gasket for S-NOVA 75x75		**d10575**



100	transparent	**ts105**

Data socket, USB socket and accessories

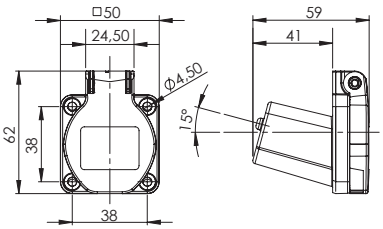
Data socket with CAT 6$_A$ RJ45 module

- Data socket with hinged lid (2x opening)
- housing material: PA6 yellow
- incl. rubber seal with cable entry
- **incl. 2xCAT 6$_A$ RJ45 module** (093617)

IP54 splashproof (lid closed)

12k452-0e

pack.unit: 1



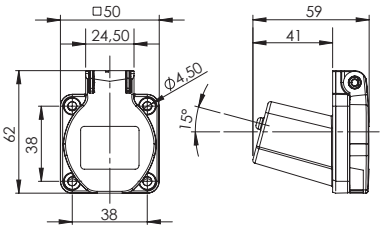
Data socket empty

- Data socket with hinged lid
- housing material: PA6 yellow
- incl. rubber seal with cable entry
- **empty (without module)**

1x opening **11om-0e**
2x opening **12om-0e**

IP54 splashproof (lid closed)

pack.unit: 1



Keystone module CAT 6$_A$

- CAT 6$_A$ Keystone module, shielded, RJ45 to LSA stripes
- tool free cable installation,
- color coded acc. to EIA/TIA 568 A&B

093617

pack.unit: 1

Keystone module CAT 6$_A$ RJ45/RJ45

- CAT 6$_A$ Keystone module, shielded, RJ45 to RJ45

15270159

pack.unit: 1

Data module USB/USB

- USB 2.0 A / USB 2.0 A

086317

pack.unit: 1

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 inserted cable)

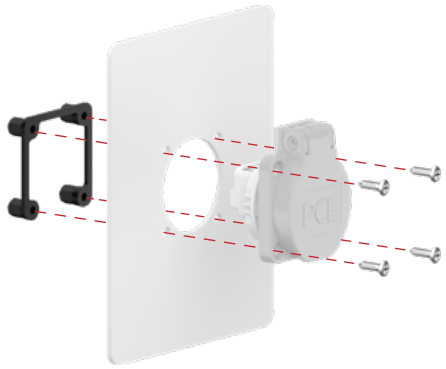
white **86312k452**

pack.unit: 6

Mounting-set for flanged sockets 50x50 (38x38)

suitable for S-NOVA flanged socket and data socket

Set consists of
- plastic nut 4-times (isolated) 38x38
- countersunk screws (4 pcs.)



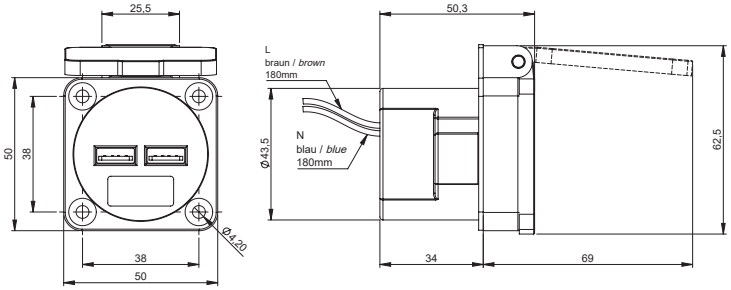
Mounting-set for panel thickness 1–4mm	**12k452-1/4**
Mounting-set for panel thickness 4–8mm	**12k452-4/8**
Mounting-set for panel thickness 8–13mm	**12k452-8/13**

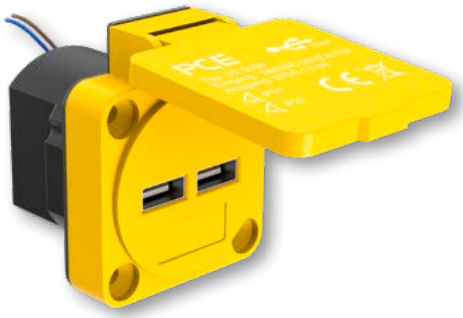
USB charging socket 5V/2,1A (2x) with integrated power supply unit

for charging and powering mobile devices with USB connector

- plastic housing, color: similar to RAL1023
- 2 pcs. USB type A sockets for simultaneous charging of 2 USB devices
- integrated electronic short circuit and overload protection
- input: 240V AC, 50/60Hz, 0,15A (ext. back-up fuse 6A characteristic B necessary)
- power supply: 2x connecting wires AWG 22-18, length: approx. 180mm
- output voltage: 2x 5V DC
- No-load consumption: 0.3W max.
- rated current: per connector 2.1A- with integrated load management 2.1A max.
- overvoltage category: II, protection class: II
- dimensions HxWxD: 62,5x50x50,3 mm, flange hole spacing: 38x38 mm
- incl. flange gasket (rubber)

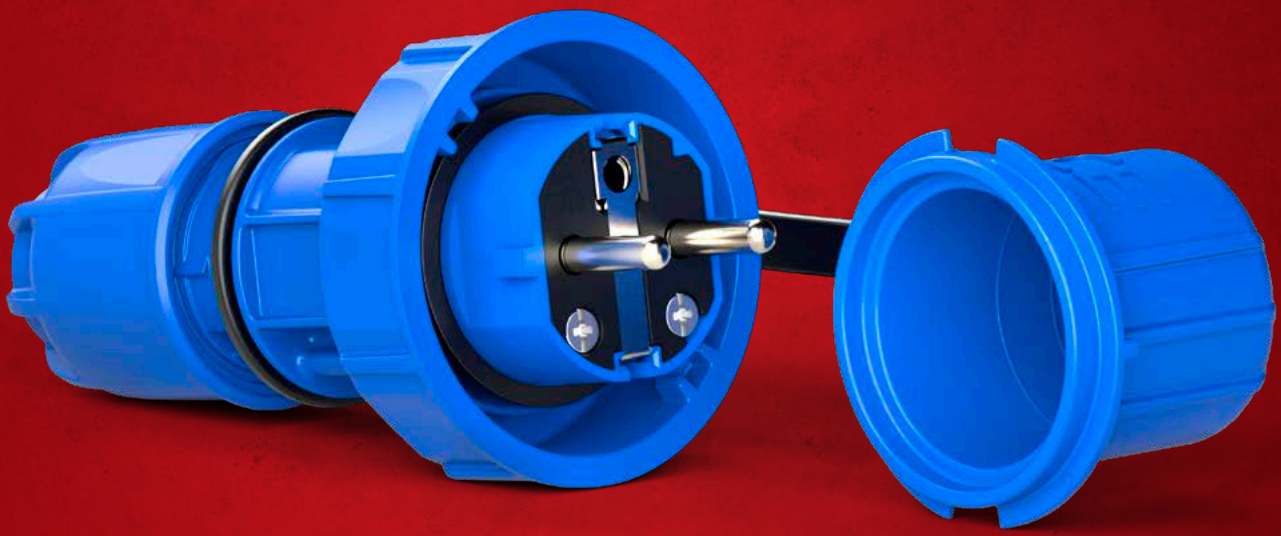
Protection class: IP54 / IP20 (closed / open lid)





U25050

pack.unit: 20



NAUTILUS

WATERTIGHT PLUGS, SOCKETS AND CONNECTORS

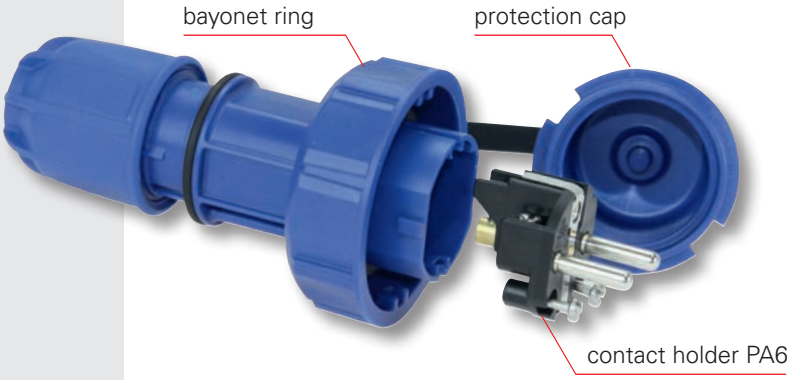
IP66/68

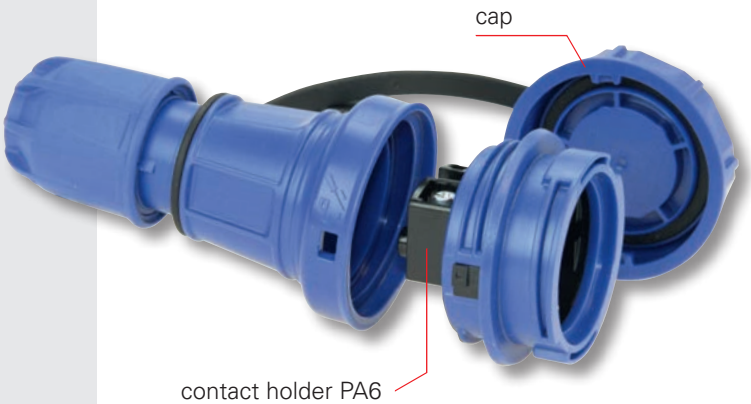
Plug / Connector

- IP66/68 waterproof up to 2 bar / 2 h
- for severe conditions
- with/without shutter
- 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 withelastic 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

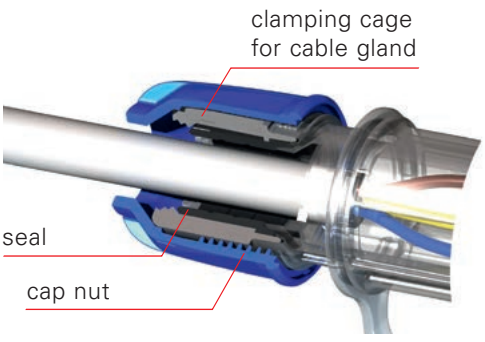
Austrian/German system

French/Belgian system

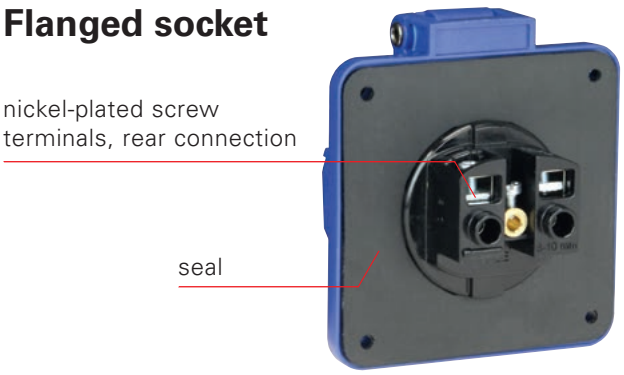




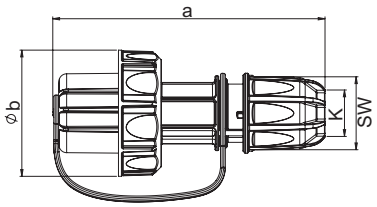
Screwless cable gland



Flanged socket



Plug with protection cap IP66/68

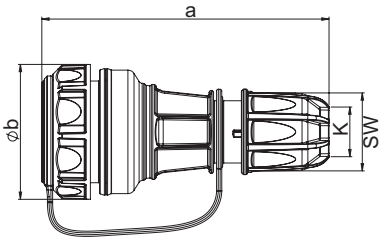


	16 Amp
Poles	2P + E
a [mm]	144
b Ø [mm]	65
K (cable Ø) [mm]	6- 19
SW [mm]	38
Wire flexible [mm²]	1- 2,5
Contact screws [Ncm]	80
Weight [g]	120

- 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

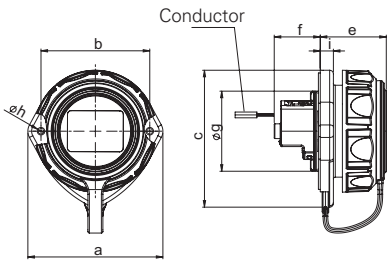


	16 Amp
Poles	2P + E
a [mm]	140
b Ø [mm]	65
K (cable Ø) [mm]	6- 19
SW [mm]	38
Wire flexible [mm²]	1- 2,5
Contact screws [Ncm]	80
Weight [g]	140

- 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

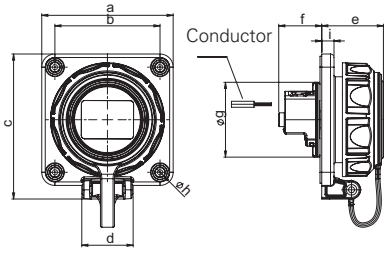


	16 Amp
Poles	2P + E
a [mm]	72
b [mm]	58
c [mm]	75
e [mm]	36
f [mm]	25
g [mm]	43
h [mm]	4
i [mm]	7
Wire flexible [mm²]	1- 2x2,5
Wire solid [mm²]	1- 2x2,5
Contact screws [Ncm]	80
Weight [g]	87

- 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~ 50/60Hz blue Cat.No.	250V~ 50/60Hz bronze-green Cat.No.
			Austrian/German System **French/Belgian System**	DVE ÖVE		
16	**3**	10	2-earthing systems		20051-b	20051-u

20051-b

20051-u

			Austrian/German System	DVE ÖVE		
16	**3**	10	without shutter		20251-b	20251-u
16	**3**	10	with shutter	SAFETY	20251-b**c**	20251-u**c**
			French/Belgian System			
16	**3**	10	without shutter		20241-b	20241-u
16	**3**	10	with shutter		20241-b**c**	20241-u**c**

20251-b

20251-u

			Austrian/German System	DVE ÖVE		
16	**3**	10	rear connection		20351-9b	20351-9u
16	**3**	10	rear connection, with shutter	SAFETY	20351-9b**c**	20351-9u**c**
			French/Belgian System			
16	**3**	10	rear connection		20341-9b	20341-9u
16	**3**	10	rear connection, with shutter		20341-9b**c**	20341-9u**c**

20351-9b

20351-9u

			Austrian/German System	DVE ÖVE		
16	**3**	10	rear connection		20351-8b	20351-8u
16	**3**	10	rear connection, with shutter	SAFETY	20351-8b**c**	20351-8u**c**
			French/Belgian System			
16	**3**	10	rear connection		20341-8b	20341-8u
16	**3**	10	rear connection, with shutter		20341-8b**c**	20341-8u**c**

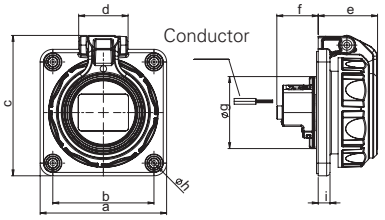
20351-8b

20351-8u

NAUTILUS

watertight flanged sockets IP66/68

Flanged socket 75x75mm with hinged lid IP66/68

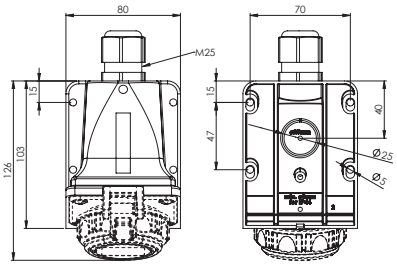


	16 Amp
Poles	2P + E
a [mm]	75
b [mm]	60
c [mm]	84
d [mm]	30
e [mm]	36
f [mm]	25
g [mm]	43
h [mm]	5,5
i [mm]	7
Wire flexible [mm²]	1 - 2x2,5
Wire solid [mm²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	105

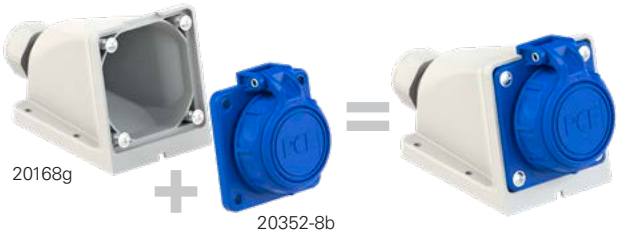
- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- rear connection
- 4-point fastening

IP66/68 watertight
up to 2 bar / 2h

Wall housing for flanged socket 75x75mm IP66/68

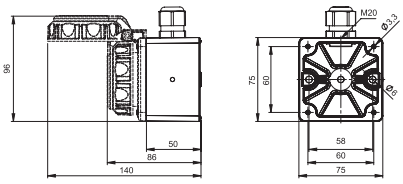


Example:

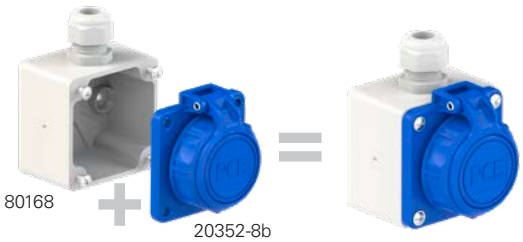


- for flange size 75x75mm
- material: PA6
- 4-point fixation
- incl. mounting screws
- incl. cable gland M25

Surface housing for flanged socket 75x75mm IP66/68



Example:



- for flange size 75x75mm
- material: PA6
- 2-point fixation seperated from connection area
- incl. mounting screws
- incl. cable gland M20

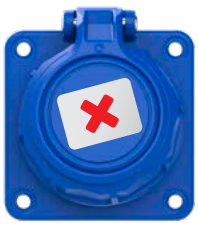
Fig.1

Opening and closing:

When opening the hinged lid it laches into a defined postion 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.

Labelling field horizontal: cover closed **waterproof**



Labelling field NOT horizontal: cover **not closed correctly** (no seal)

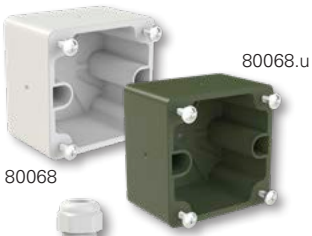
Amp.	Poles	pack. unit	Abbreviations/Types	250V~ 50/60Hz blue Cat.No.	250V~ 50/60Hz bronze-green Cat.No.
			Austrian/German System		
16	**3**	10	rear connection	20352-8b	20352-8u
16	**3**	10	rear connection, with shutter	20352-8b**c**	20352-8u**c**
			French/Belgian System		
16	**3**	10	rear connection	20342-8b	20342-8u
16	**3**	10	rear connection, with shutter	20342-8b**c**	20342-8u**c**
		10	wall housing (empty)	grey 20168g	20168.u
		10	surface housing, no opening (blind)	80068	80068.u
		10	surface housing with 1x cable gland M20	80168	80168.u

20352-8b

20352-8u

20168g

20168.u


80068.u

80068

80168.u

80168

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

TAURUS2

Der Schutzkontaktstecker

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

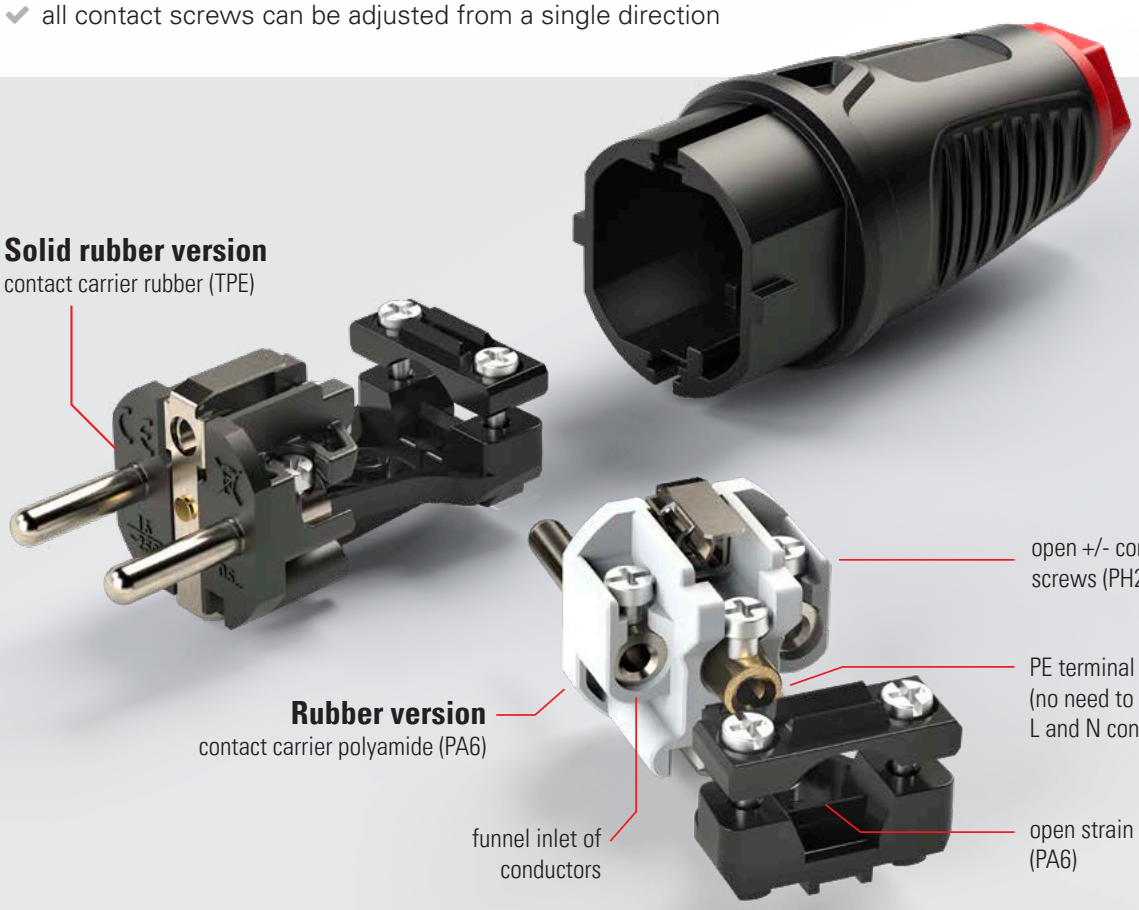
100%
MADE IN AUSTRIA

- 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



2x8 COLOR VARIATIONS

Standard version
housing black / ring red

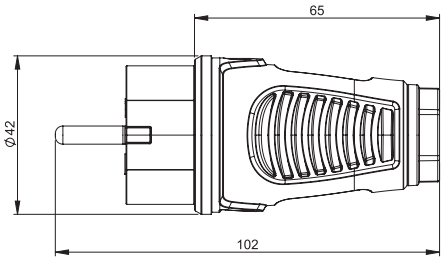
special colors **ring**

special colors **housing**

Plug IP54

Safety plug Series TAURUS2

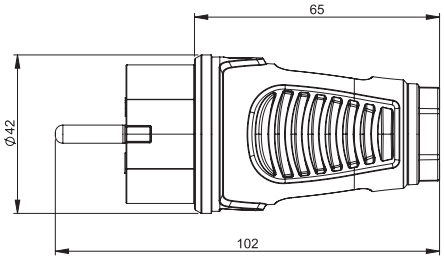
- rubber version (housing TPE, contact carriers PA6) or
- solid rubber version (housing TPE, contact carriers TPE)
- Austrian/German system or dual earthing system
- color (housing/ring): black/red (standard)
- protection class: **IP54** splashproof



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)

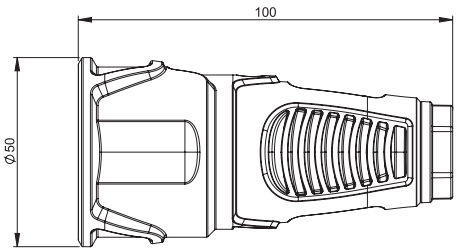
Special colors ring (MOQ 200 pcs.)	black	orange	yellow	green	blue	white	dark gray
Austrian/German rubber	0511-ss	0511-so	0511-se	0511-shu	0511-sb	0511-sw	0511-sdg
Austrian/German solid rubber	0512-ss	0512-so	0512-se	0512-shu	0512-sb	0512-sw	0512-sdg
dual earthing system rubber	0521-ss	0521-so	0521-se	0521-shu	0521-sb	0521-sw	0521-sdg
dual earthing system solid rubber	0522-ss	0522-so	0522-se	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

Connector IP20

Safety connector Series TAURUS2

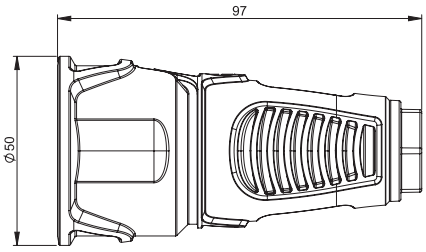
- rubber version (housing TPE, contact carriers PA6) or
- solid rubber version (housing TPE, contact carriers TPE)
- Austrian/German or French/Belgian system
- with or without shutter
- color (housing/ring): black/red (standard)
- Protection class: **IP20**



Austrian/German system

Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
Austrian/German	**2510-sr**	**2520-sr**
Austrian/German with shutter SAFETY+	**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-se	2510-shu	2510-sb	2510-sw	2510-sdg
Austrian/German rubber with shutter	2510-ssc	2510-soc	2510-sec	2510-shuc	2510-sbc	2510-swc	2510-sdgc
Austrian/German solid rubber	2520-ss	2520-so	2520-se	2520-shu	2520-sb	2520-sw	2520-sdg
French/Belgian rubber	2410-ss	2410-so	2410-se	2410-shu	2410-sb	2410-sw	2410-sdg
French/Belgian rubber with shutter	2410-ssc	2410-soc	2410-sec	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

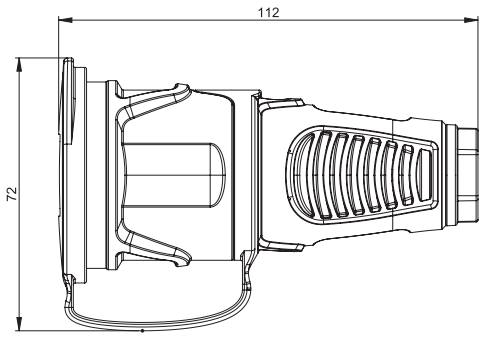
TAURUS2
Der Schutzkontaktstecker

Connector IP54 with cap

2521-sr

Safety connector Series TAURUS2

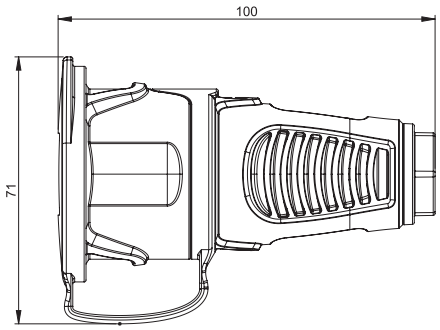
- rubber version (housing TPE, contact carriers PA6) or
- solid rubber version (housing TPE, contact carriers TPE)
- Austrian/German or French/Belgian system
- with or without shutter
- with cap and band
- color (housing/ring): black/red (standard)
- Protection class: **IP54** splashproof



Austrian/German system

Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
Austrian/German	**2511-sr**	**2521-sr**
Austrian/German with shutter SAFETY	**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)

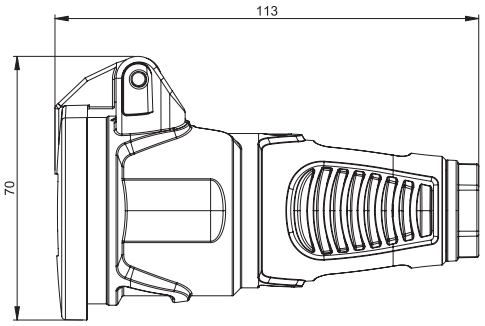
Special colors ring (MOQ 200 pcs.)	black	orange	yellow	green	blue	white	dark gray
Austrian/German rubber	2511-ss	2511-so	2511-se	2511-shu	2511-sb	2511-sw	2511-sdg
Austrian/German rubber with shutter	2511-ssc	2511-soc	2511-sec	2511-shuc	2511-sbc	2511-swc	2511-sdgc
Austrian/German solid rubber	2521-ss	2521-so	2521-se	2521-shu	2521-sb	2521-sw	2521-sdg
French/Belgian rubber	2411-ss	2411-so	2411-se	2411-shu	2411-sb	2411-sw	2411-sdg
French/Belgian rubber with shutter	2411-ssc	2411-soc	2411-sec	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

Connector IP54 with hinged lid

Safety connector Series TAURUS2

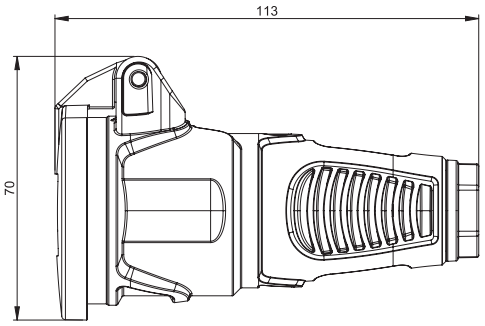
- rubber version (housing TPE, contact carriers PA6) or
- solid rubber version (housing TPE, contact carriers TPE)
- Austrian/German or French/Belgian system
- with or without shutter
- with self closing hinged lid
- color (housing/ring): black/red (standard)
- Protection class: **IP54** splashproof



Austrian/German system

Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
Austrian/German	**2512-sr**	**2522-sr**
Austrian/German with shutter SAFETY+	**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-se	2512-shu	2512-sb	2512-sw	2512-sdg
Austrian/German rubber with shutter	2512-ssc	2512-soc	2512-sec	2512-shuc	2512-sbc	2512-swc	2512-sdgc
Austrian/German solid rubber	2522-ss	2522-so	2522-se	2522-shu	2522-sb	2522-sw	2522-sdg
French/Belgian rubber	2412-ssw	2412-sow	2412-sew	2412-shuw	2412-sbw	2412-sww	2412-sdgw
French/Belgian rubber with shutter	2412-sscw	2412-socw	2412-secw	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-osw	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

TOPTAURUS2

Der Schutzkontaktstecker

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).

Plug IP54 | Connector IP20 | Connector IP54 with cap | Connector IP54 with hinged lid

LED voltage indicator
(optionally available)

2 different **covers**
hinged lid and cap with band

Modern, robust
design

Perfect **cable entry**
with **bend protection**
and strain relief for
cable diameter 6-14mm

contact carrier
dual earthing system (PA6)

rubberized housing for
optimal **feel**
and perfect **grip**

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

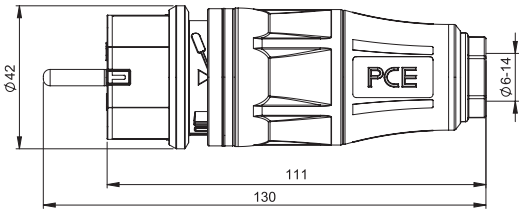
READY!

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**

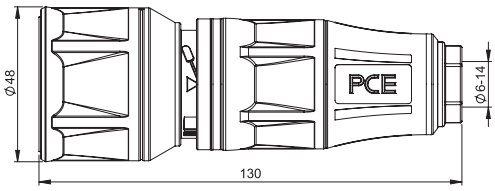
pack.unit = 20 pcs.

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 SAFETY+	**25710-src**
connector IP20 with LED voltage indicator	**25730-sr**
connector IP20 with shutter and with LED voltage indicator SAFETY+	**25730-src**

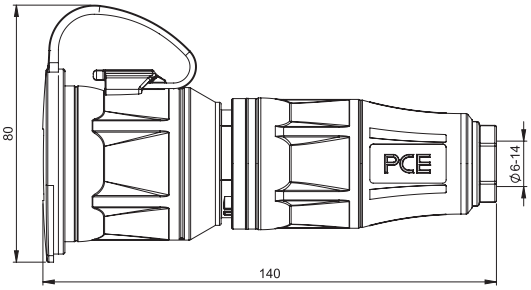
pack.unit = 10 pcs.

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 SAFETY	**25711-src**	**24711-src**
with LED voltage indicator	**25731-sr**	**24731-sr**
with shutter and with LED voltage indicator SAFETY	**25731-src**	**24731-src**

only IPx4

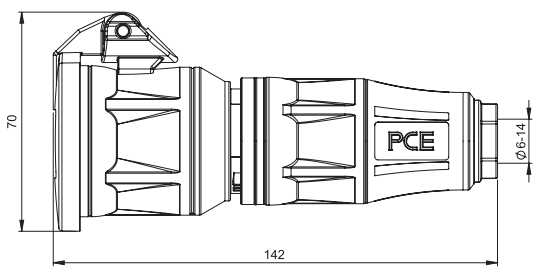
pack.unit = 10 pcs.

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 SAFETY	**25712-src**	**24712-src**
with LED voltage indicator	**25732-sr**	**24732-sr**
with shutter and with LED voltage indicator SAFETY	**25732-src**	**24732-src**

only IPx4

pack.unit = 10 pcs.

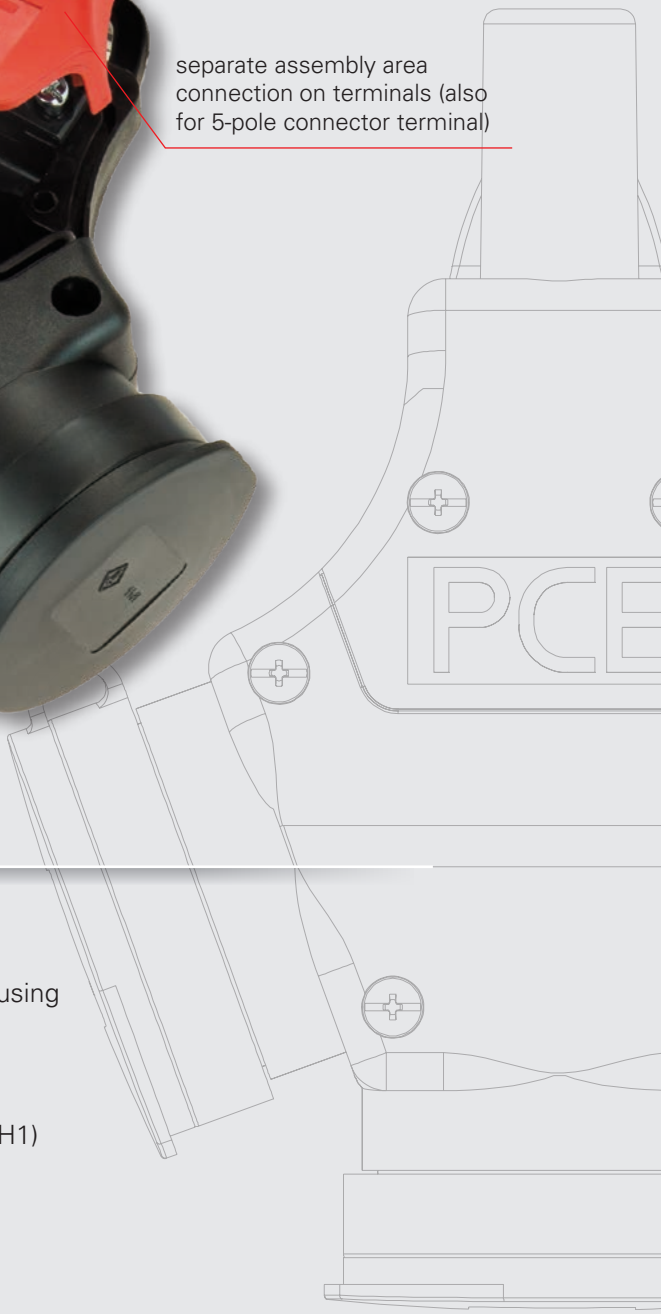
SERIES TAURUS

3-way connector

• IP44 • for severe conditions • 16A 250V~ • rubber and solid rubber

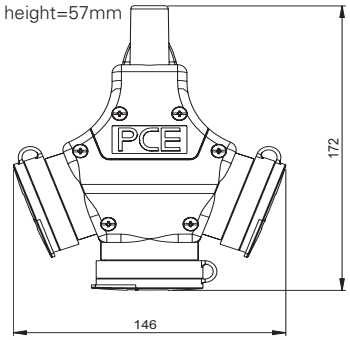
separate assembly area
connection on terminals (also
for 5-pole connector terminal)

cap with band



- contact carriers integrated in housing
- own contact elements
- open cable clamp
- ready wired on main terminal (PH1)
- cap with band

3-way connector rubber with cap* IP44



- with cap
- Insert: polyamide
- Ready pre-wired on main terminal

IP44 splashproof

only IPX4

contact carriers:	acc. Austrian/German system	acc. French/Belgian System
Polyamide	**25311-s**	**24311-s**
Polyamide with shutter SAFETY+	**25311-sc**	**24311-sc**

pack.unit: 5 pcs.

*** 3-way connectors with hinged lid see page 199**

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

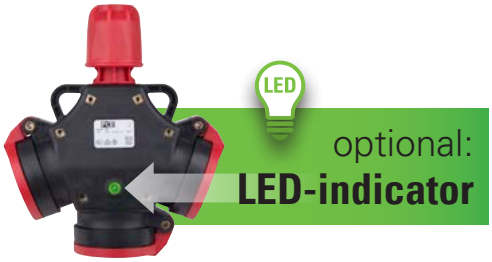
only IPX4

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 199**

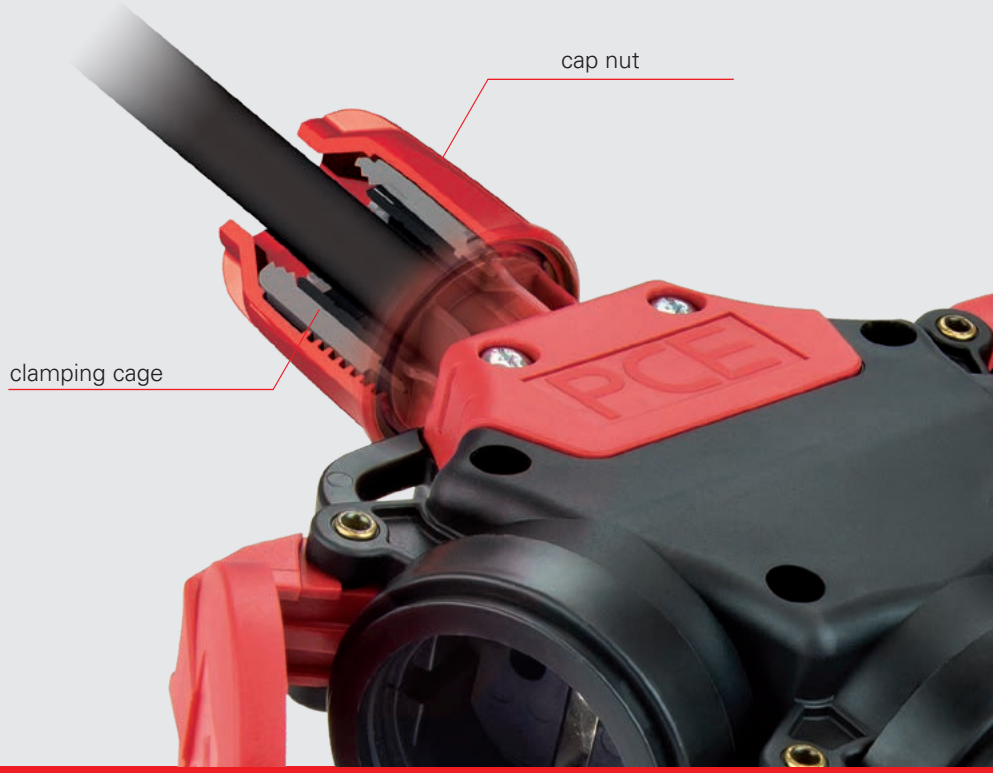
3-WAY CONNECTOR



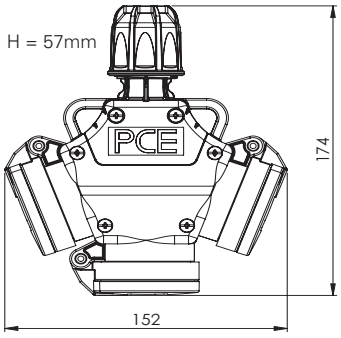
- hinged lid (self closing)
- large connection area
- 3 or 5 pole terminal
- suspension hook
- LED-indicator optional

CABLE GLAND

- 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

contact carriers:	
Austrian/German	**253622-s**
Austrian/German (with LED indicator)	**253642-s**

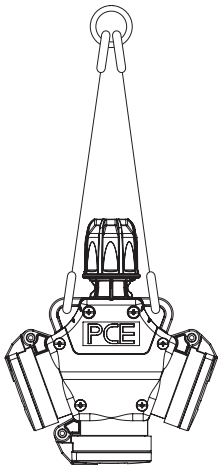
pack.unit: 5 pcs.

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.

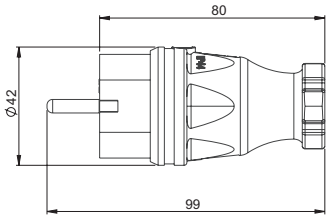
■ 3-way connectors are also perfect for hanging use!

• **Suspension kit** for 3-way connector (L=300mm) **2563-1**

SERIES TAURUS

Safety plugs

Plug French/Belgian system IP44

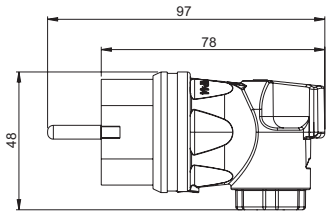


IP44 splashproof

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



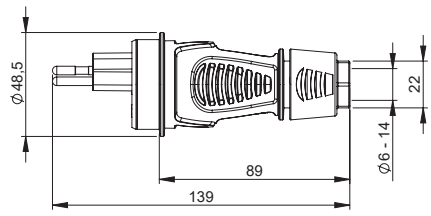
IP44 splashproof

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: 20 pcs.

Safety plug T13 and T23 Swiss system IP55

- screw contact
- material; PA6 / TPE
- external cable gland



IP55 dust- and splashproof

version	T13	T23
system	Swiss system 10A 3p IP55	Swiss sytem 16A 3p IP55
Cat.No.	0313-ss	0323-ss

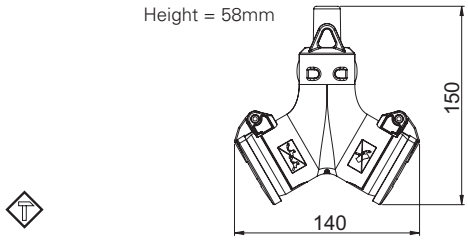
pack unit: 30 pcs.

PA/PP safety plugs and sockets

2-way connector with hinged lid IP44

- With hinged lid
- Insert: polyamide

IP44 splashproof



ÖVE

Insert:	acc. Austrian/German system	acc. French/Belgian System
Polyamide	**25212-r**	**24212-r**
Polyamide with shutter SAFETY	**25212-rc**	**24212-rc**

pack.unit: 10 pcs.

Safety plugs and connectors

Polypropylene

Plug

- Polypropylene

IP20

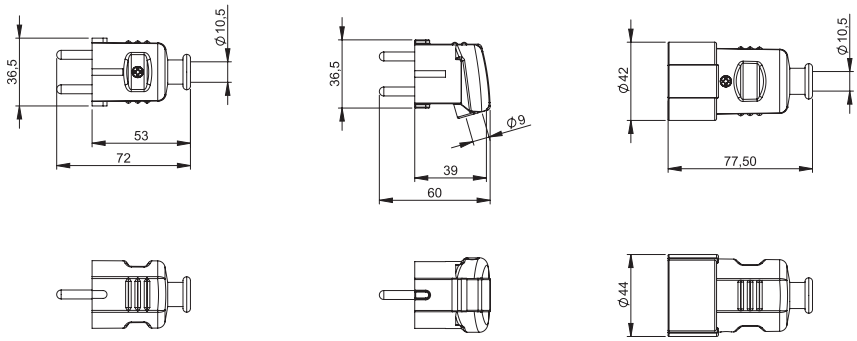
Color	pack. unit	acc. Austrian/German system: cable entry central	acc. Austrian/German system: cable entry side	dual earthing system: cable entry central
white	50	**02958**	**05018**	**08266**
brown	50	**02961**	**05021**	**08282**
black	50	**02974**	**05034**	**08295**
grey	50	**02980**	**05040**	

Connector

- Polypropylene

IP20

Color	pack. unit	acc. Austrian/German system	acc. French/Belgian system
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**

PCE
ON
OFF
PCE
L1 L2 L3 N PE

PROTECT - CHECK - SWITCH

		Page
	Mobile personal protection device **PRCD-S+, PRCD-K+, NM5p, Safety distribution boxes**	**204**
	CEE diagnostic plug	**208**
	CEE current measurement plug	**209**
	Adaptors	**210**
	Motor protection switch	**211**
	Motor protection plugs	**212**

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. Overvoltage will be detected- the **PRCD-S+** switches off or cannot be switched on.
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 PC conductor
- ✔ Surge voltage
- ✔ Wiring errors (L and PE conductor reversed)
- ✔ PE conductor interrupted
- ✔ Undervoltage or voltage failure
- ✔ 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 — **967011355**
- Cable inline version **PRCD-S+** 16A 10mA IP55 — **967011155**

PRCD-S+ Safety extension cord IP44

4670001

- **3m** H07RN-F 3G1,5
- with mobile personal protection device **PRCD-S+** 16A 230V~ 30mA
- mounted rubber safety plug and rubber safety connector 16A 250V~

PRCD-S+ Safety extension cord with 3-way connector IP44

4670002

- **3m** H07RN-F 3G1,5
- with mobile personal protection device **PRCD-S+** 16A 230V~ 30mA
- mounted rubber safety plug and rubber **3-way** connector 16A 250V~

PRCD-S+ Safety cable reel XREEL®250

9250027-p K2

- **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

PRCD-S+ Safety cable reel XREEL®310

9350001-p K2

- **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

PRCD-S+ Carrying case

000256

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)

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 or L conductor interrupted
  - Surge voltage
  - Wiring errors
  - Undervoltage or voltage failure
  - DC voltage
  - Rated differential current ≥ 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-K+ Safety extension cord IP54

- **3m** H07RN-F 3G1,5
- with mobile personal protection device **PRCD-K+** 16A 230V~ 30mA IP55
- mounted rubber safety plug and rubber safety connector 16A 250V~

4680001

PRCD-S protective switching device 3-phase
with comprehensive personal protection

NM5p Network monitor device

- **The microprocessor-controlled network monitor device NM5p is used to monitor phases, neutral and grounding of 5-pin 400V plug-in devices in TT & TNpower supply networks.**
- **PRCD-S protection device:**
  The NM5p mains monitoring device provides reliable protection against electrical accidents in the event of faults on the power supply side when installed in accordance with the regulations for RCDs and contactors (example: faultily wired plug-in devices).
- **NM5P monitoring device** for DIN rail mounting (2TE) with push button — **47365**
  Input: L1 / L2 / L3 / N / PE and connection for external button
  Output: control for 2x contactor (K1 and K2)

Fault detection:
NM5p cannot be switched on or switches off in the event of:

- **Phase fault:**
  Drop of one or more phase voltages against star point below $183V_{rms}$ = main circuit cannot be switched on or switches off.
- **Neutral conductor missing or carrying voltage against protective conductor:**
  Rise of neutral voltage $>20V_{rms}$ against protective conductor = main circuit cannot be switched on or switches off.
- **Protective conductor interrupted or carries voltage against measuring reference:**
  Rise in voltage at protective conductor $>20V_{rms}$ = main circuit cannot be switched on or switches off.
- **Protection against automatic restart:**
  After voltage interruption, protection against automatic restart prevents uncontrolled starting of electrical devices.

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

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

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 32A 5p outlet
  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

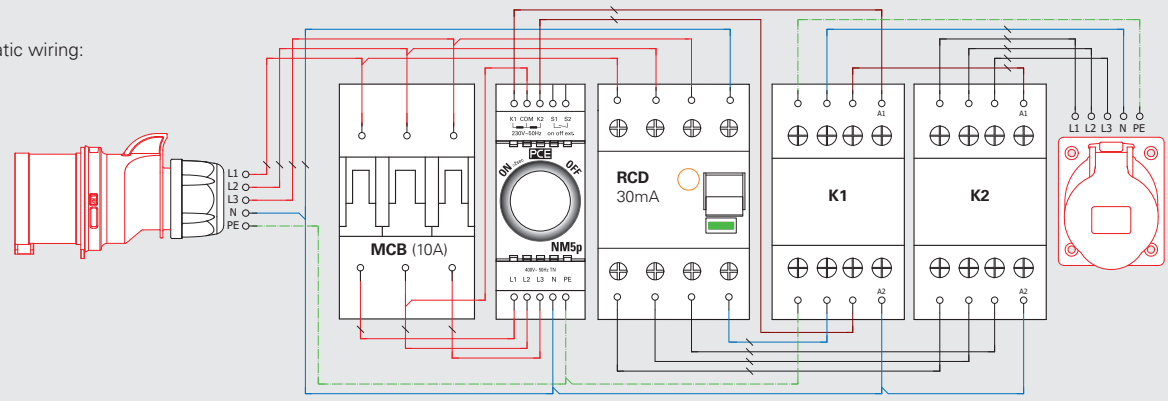
94741905

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 32A 5p outlet
  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

Schematic wiring:



CEE diagnostic plug with LED display

CEE diagnostic plug* with LED display

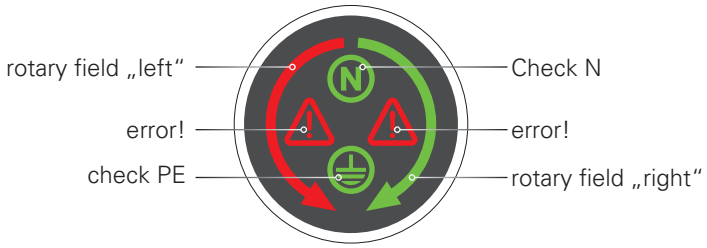
- The practical helper for all electricians in industry, craft and on construction sites!
- Multiple display- and diagnostic functions

  - ✔ Rotary field check
  - ✔ Phase conductor check
  - ✔ Neutral conductor check
  - ✔ Protective earth conductor check

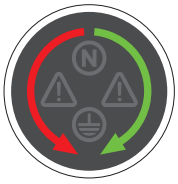
IP20

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)

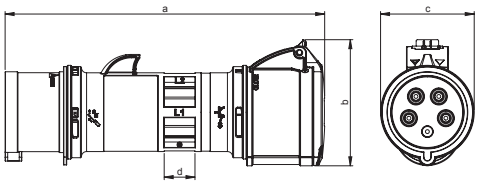
The new CEE current measurement test adapter allows a simple and easy measurement of each single phase L1-L2-L3 as well as N and PE separate with a standard clamp meter and offers an optional rotation field check.

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

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**

9216635

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**

980901506204-p

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

201620

- 16A 5p 400V
- with ON / OFF buttons
- AC3 400V- Ie = max. 9A/400V
- for motors max. 4kW
- flange: 85x85mm, fixing-center: 68x68mm

IP44 splashproof

Housing

for CEE plug surface mounting (Cat.No. 201620)

352531

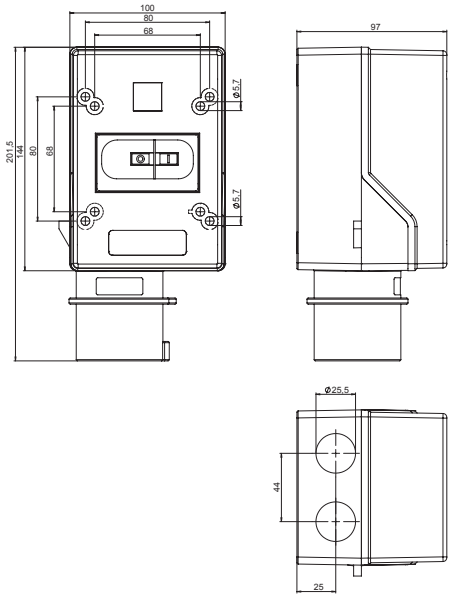
Iso-box with motor protection

- 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**

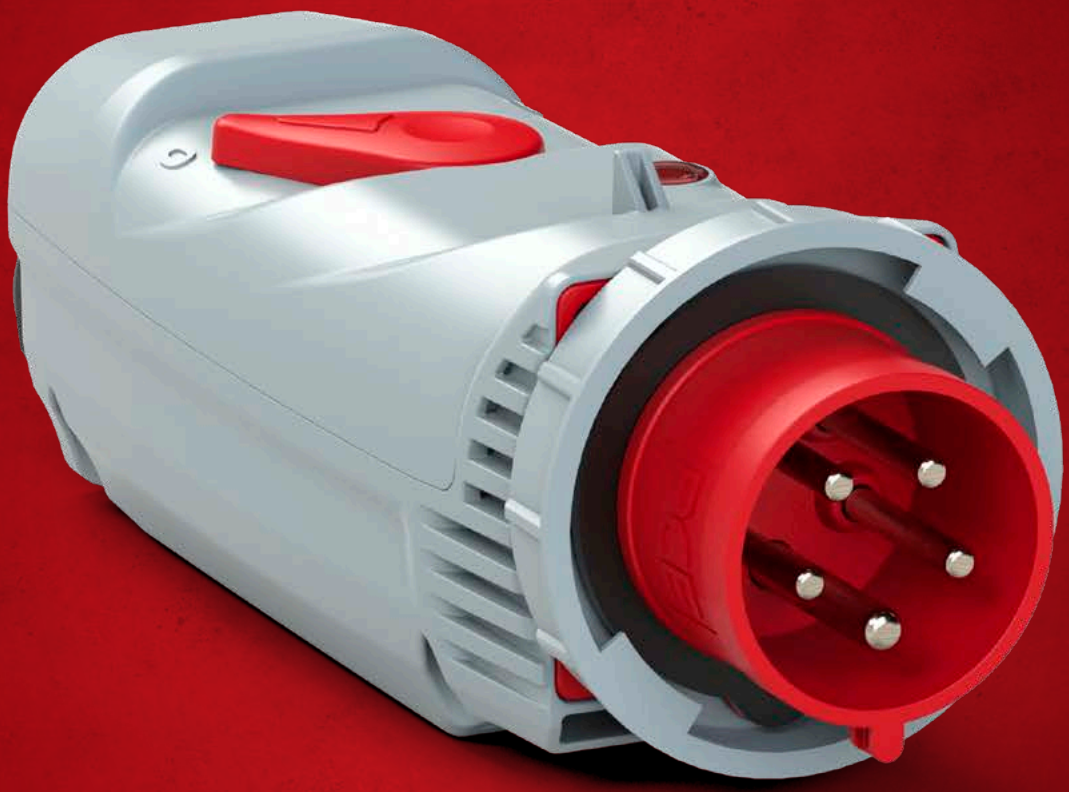


Compact distribution box St. Anton 6F

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

© Rosenbauer International AG

Results without motor protection plugs:

Do you know the problem of...

...a destroyed engine?

...a defective arrangement?

...a burnt through winding by overloading?

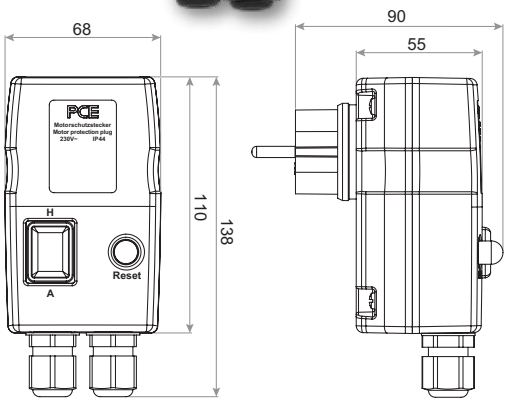
...mechanical damage on account of wrong rotation direction?

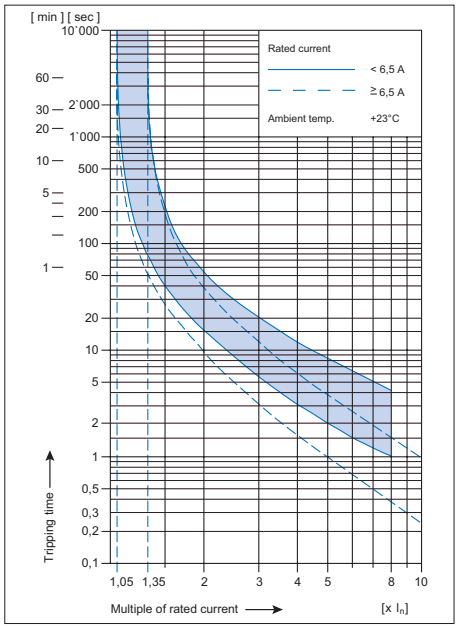
...secondary damage such as flooding?

Fields of Application:

- **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,...
- **Construction machines** Circular saws, hand tools,...
- **Extractions** Mobile laboratory ventilation, smoke extraction,...
- **Industrial motors**

Motor protection plugs 16A 230V 3,0 - 8,0A





Motor protection with safety plug 16A 230V for all single-phase motors

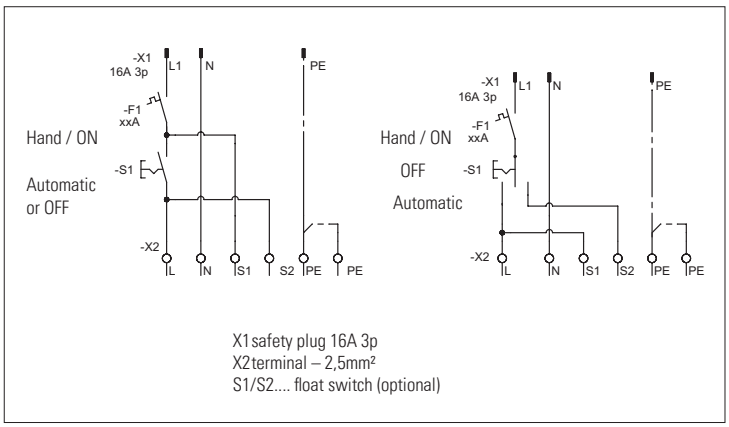
Technical data:

- 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.



X1 safety plug 16A 3p
X2 terminal – 2,5mm²
S1/S2.... float switch (optional)

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	230V~ 50/60Hz	
	HAND-AUTOMATIC or ON-OFF	HAND-OFF-AUTOMATIC
3,0A	56103000	56103001
4,0A	56104000	56104001
5,0A	56105000	
6,5A	56106000	
8,0A	56108000	

* Float switch see page 223

Motor protection plugs 16A 230V 10 - 16A

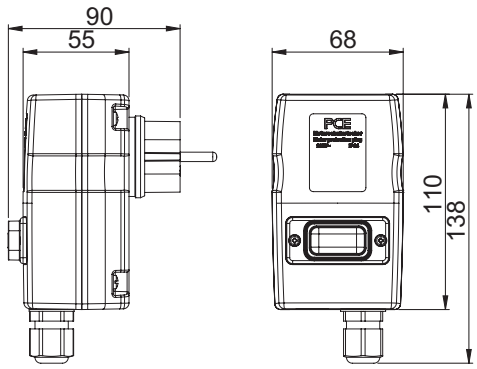
Motor protection with safety plug 16A 230V for all single-phase motors

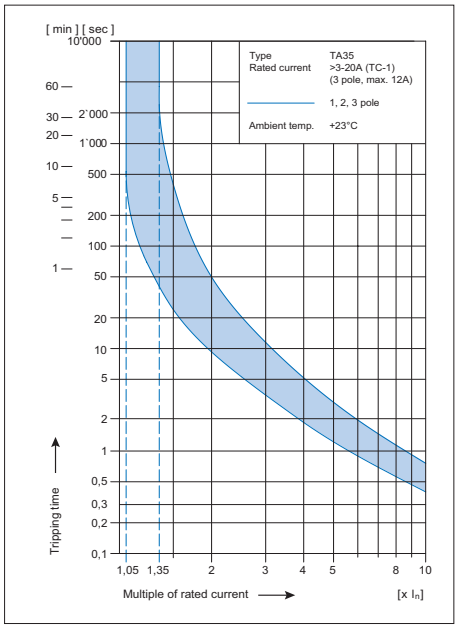
Technical data:

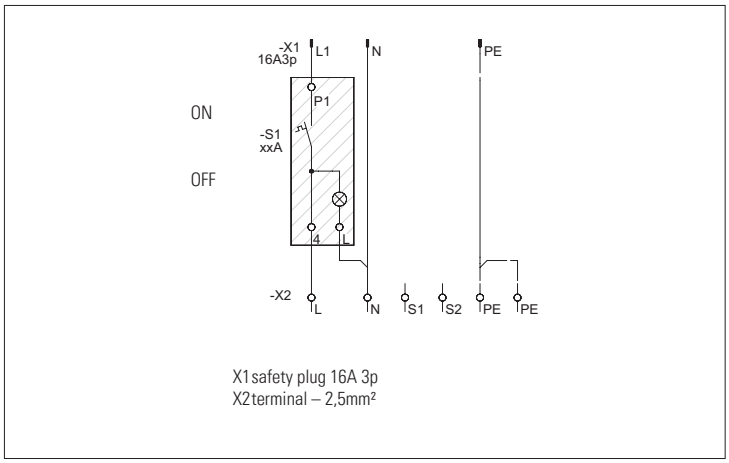
- Enclosure material: PC/ABS
- Protection degree: IP44
- IK standard acc. EN50102: IK09
- Temperature range:-5°C to +40°C
- large connection area

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







X1 safety plug 16A 3p
X2 terminal – 2,5mm²

Motor protection plug 16A 230V

- ON-OFF
- cable gland: M16 (5–10mm)

IP44 splashproof

	230V~ 50/60Hz
setting range	**ON-OFF**
10A	**56110004**
12A	**56112004**
14A	**56114004**
15A	**56115004**
16A	**56116004**

Motor protection plug with capacitor

OFF/ON

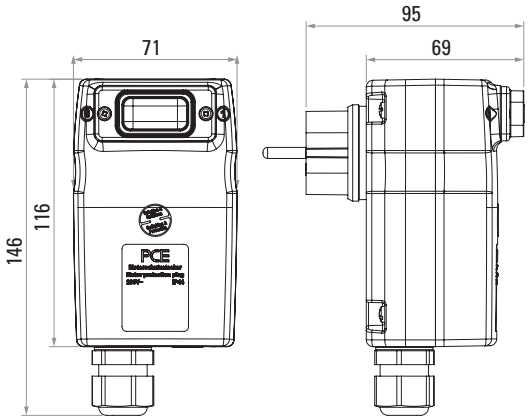
Motor protection plug with capacitor 16A 230V for all single-phase motors

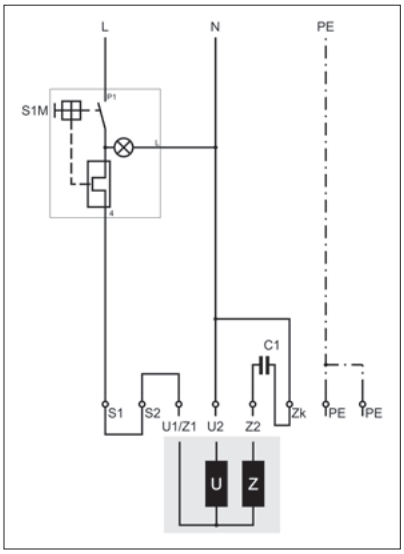
Technical data:

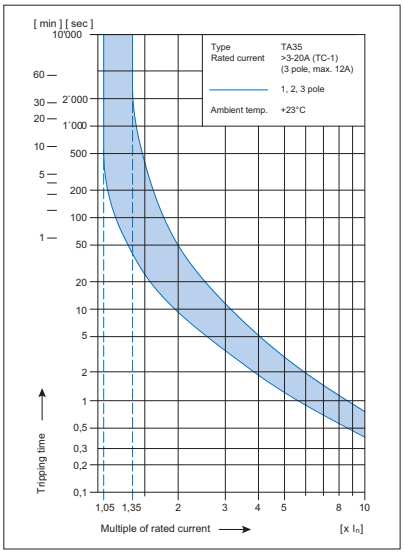
- Enclosure material: PC/ABS
- Protection degree: IP44
- IK standard acc. EN50102: IK09
- Temperature range:-5°C to +40°C
- large connection area
- connecting terminal: 2,5mm²

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.	230V~ 50/60Hz	
	C = 20 µF	C = 30 µF
4,0A	561040C2001	561040C3001
6,0A	561060C2001	561060C3001
8,0A	561080C2001	561080C3001
10,0A	561100C2001	561100C3001

Other versions on request!

Motor protection plug with capacitor

Motor protection plug with capacitor 16A 230V for all single-phase motors

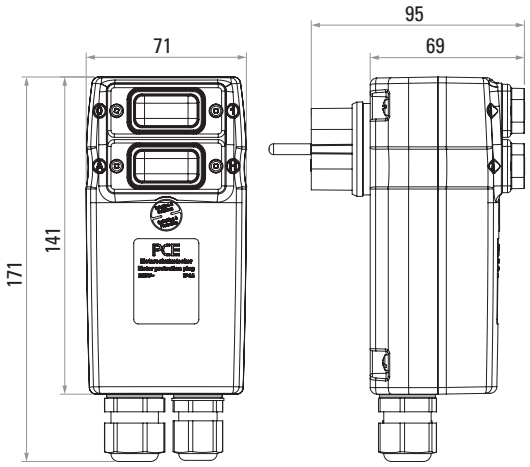
Technical data:

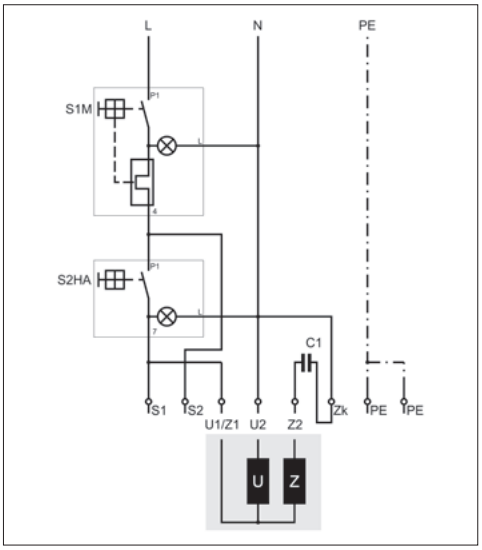
- Enclosure material: PC/ABS
- Protection degree: IP44
- IK standard acc. EN50102: IK09
- Temperature range:-5°C to +40°C
- large connection area
- connecting terminal: 2,5mm²

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 existinging
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.	230V~ 50/60Hz	
	C = 20 µF	C = 30 µF
4,0A	561040C2003	561040C3003
6,0A	561060C2003	561060C3003
8,0A	561080C2003	561080C3003
10,0A	561100C2003	561100C3003

* Float switch see page 223

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

	16A		32A	
	4p	5p	4p	5p
without operating display	**54014530**	**54015530**	**54024530**	**54025530**
with operating display	**540145301**	**540155301**	**540245301**	**540255301**
with holder	**53**xxxxxx	**53**xxxxxx	**53**xxxxxx	**53**xxxxxx

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

	16A		32A	
	4p	5p	4p	5p
without display	**54714530**	**54715530**	**54724530**	**54725530**
with operating display	**547145301**	**547155301**	**547245301**	**547255301**
with rotary field check	**547145303**	**547155303**	**547245303**	**547255303**
with holder	**53**xxxxxx	**53**xxxxxx	**53**xxxxxx	**53**xxxxxx

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

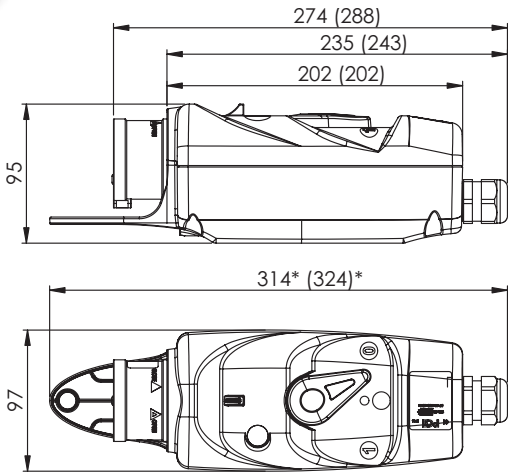
	16A		32A	
	4p	5p	4p	5p
without operating display	**54014610**	**54015610**	**54024625**	**54025625**
with operating display	**540146101**	**540156101**	**540246251**	**540256251**
with holder	**53**xxxxxx	**53**xxxxxx	**53**xxxxxx	**53**xxxxxx

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



- dimensions: 16A (32A)

* dimensions only valid for design with holder

Advantages:

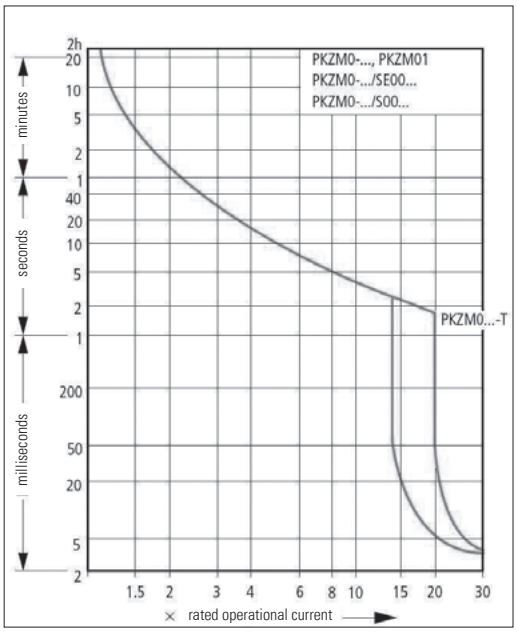
- reliable means of protection against thermal overloading and short circuiting
- all protection switches feature thermal overload and magnetic short circuit triggering
- short circuit capacity 50kA
- simple one-hand operation even with gloves

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.

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	16A / 400V / 6h		32A / 400V / 6h	
range	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	**53**xxxxxx	**53**xxxxxx	**53**xxxxxx	**53**xxxxxx

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	16A / 400V / 6h		32A / 400V / 6h	
range	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	**53**xxxxxx	**53**xxxxxx	**53**xxxxxx	**53**xxxxxx

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	16A / 400V / 6h		32A / 400V / 6h	
range	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	**53**xxxxxx	**53**xxxxxx	**53**xxxxxx	**53**xxxxxx

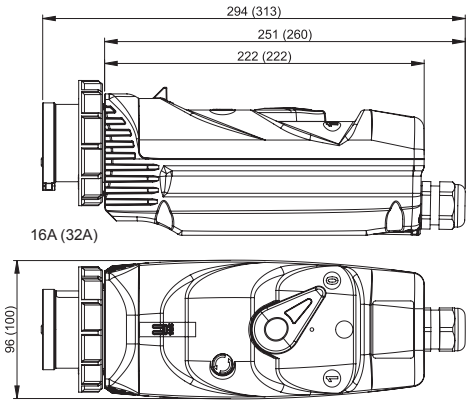
Other versions on request!

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**



CEE-motor protection plugs contactor up to 7,5kW

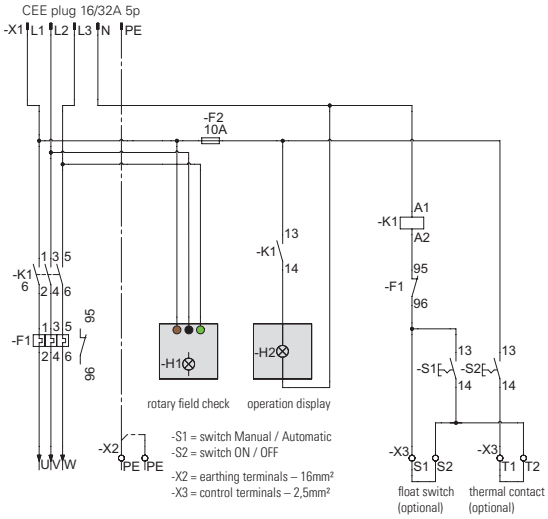
CEE-Motor protection plug contactor up to 5,5kW (16A) and 7,5kW (32A)

Technical data:

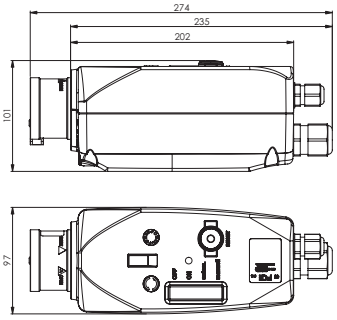
- enclosure material: PC/ABS
- protection degree: IP44
- IK standard acc. to EN50102: IK09
- temperature range:-25° C to +40°C
- large connection area

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...

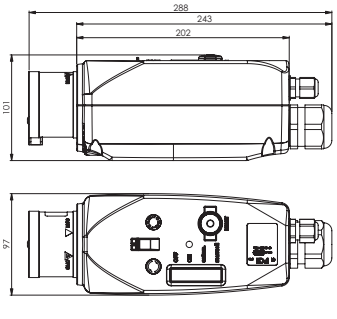


CEE-Motor protection plug with contactor 16A 5p 400V

- with phase inverter plug
- with operation display
- with rotation field check
- cable gland M25 (13–18mm)

IP44 splashproof

setting range	contactor (AC3)	16A
1,0- 1,6A	4,0 kW	**5571501000**
1,6- 2,4A	4,0 kW	**5571501600**
2,4- 4,0A	4,0 kW	**5571502400**
4,0- 6,0A	4,0 kW	**5571506000**
6,0-10A	5,5 kW	**5571510000**
9,0-12A	5,5 kW	**5571512000**
12- 16A	7,5 kW	**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	contactor (AC3)	32A
6,0-10A	7,5 kW	**5572510000**
9,0-12A	7,5 kW	**5572512000**
12- 16A	7,5 kW	**5572516000**

* Float switch see page 223

CEE-motor protection plugs contactor up to 15 kW

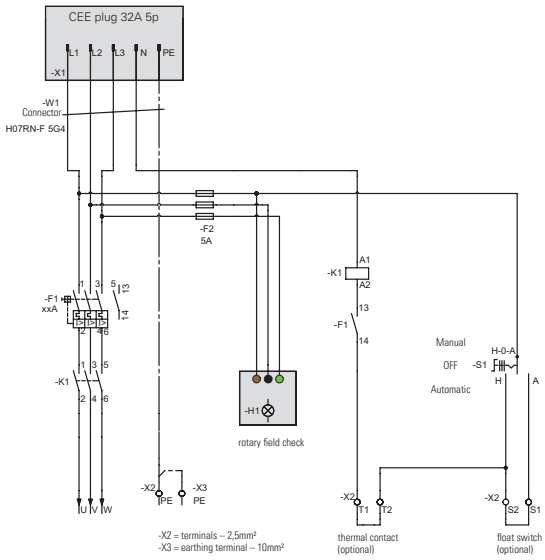
CEE-Motor protection plug contactor up to 15 kW (32A)

Technical data:

- enclosure material: solid rubber
- protection degree: IP44 (IP66 on request)
- dimensions: HxWxD = 260x165x90mm
- temperature range:-25°C to +40°C
- large connection area

Designs:

- with rotary switch I = hand operation, 0 = Off, II = automatic operation
- 2m cable H07RN-F 5G4 with phase inverter plug 32A 5p 400V
- rotation field check – anticlockwise phase sequence
- reset switch behind transparent window
- float switch on request
- level control system and dipped electrodes on request
- cable entry: 1x cable gland M32 (ø13–20mm)
  2x cable glands M16 (ø5–10mm) for float switch and thermo switch
- operation display contactor



The CEE motor protection plug up to 15kW provides reliable protection for thermal overloads and short circuits. It is used mainly for switching and the protection of three-phase AC motors on pumps, circular saws and industrial motors...

CEE-Motor protection plug with contactor up to 15 kW (32A)

- with rotary switch I-0-II
- with phase inverter plug
- with rotation field check
- cable gland: M32 (13–20mm)
  2xM16 (5–10mm)

IP44 splashproof

setting range	contactor	32A
16- 20A	12,5 kW	**9216211**
20- 25A	12,5 kW	**9216210**
25- 32A	15,0 kW	**9216212**

Float switch

Technical data:

- protection degree: IP68
- temperature range: -5°C to +40°C
- switching capacity: 250VAC 10(8)A
- durability: > 50.000 cycles
- beam angle ± 45°
- hysteresis: min. 140mm to max. 400mm

Designs:

- changer (top: brown-grey, bottom: brown-black)
- hot plate welded housing
- elastomer – sealed cable entry
- cable: Nexans H05RN8-F 4G1mm² black (10m or 20m)

with 10m cable	**1023011**
with 20m cable	**1023012**
counterweight	**1023031**

PCE
OPEN
CLOSE
OPEN
CLOSE

EVENT TECHNOLOGY
MIDNIGHT-SERIES

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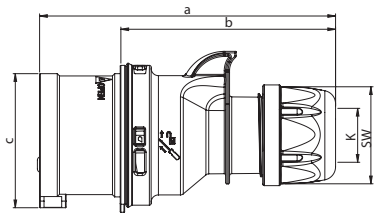
■ Version in black (similar to RAL9005)

Plug IP44 SHARK



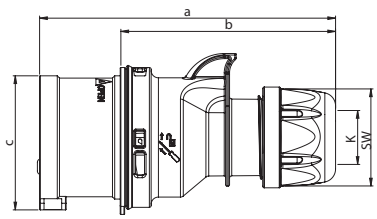
	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	86	92	98	104	104	109
c [mm]	47	53	61	63	63	70
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	109	128	151	181	201	232

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

IP44 splashproof

also available in IP67

Plug IP44 SHARK TT



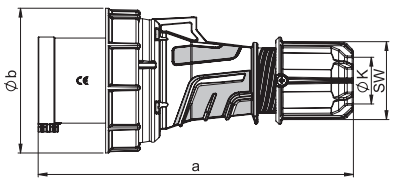
	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	86	92	98	104	104	109
c [mm]	47	53	61	63	63	70
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
SW [mm]	42	42	42	50	50	50
Weight [g]	111	132	156	186	206	241

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

IP44 splashproof

also available in IP67

Plug IP67 POWER TWIST

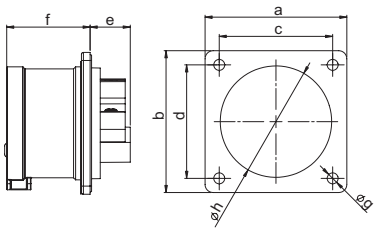


	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
a [mm]	250	250	250	270	270	270
b [mm]	115	115	115	131	131	131
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Wire flexible [mm²]	6-16			16-50		
Contact screws [Ncm]	200			450		
SW [mm]	61	61	61	81	81	81
Weight [g]	574	621	670	956	1064	1169

- 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

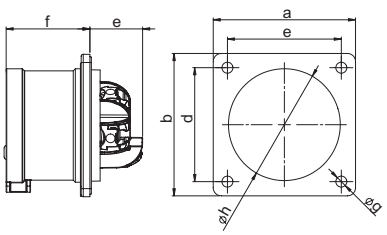


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	21	21	20	21	21	21
f [mm]	42	42	42	51	51	51
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	43	55	55	55	55
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [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. 615-6x**v**
- 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		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. 615-6TTx**v**
- According to EN 60309: For correct use a locking device has to be provided (see page 10)

IP44 splashproof

Amp.	Poles	pack. unit	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.
16	3	10	013-6x	
16	4	10		014-6x
16	5	10		015-6x
32	3	10	023-6x	
32	4	10		024-6x
32	5	10		025-6x

023-6x

TURBO click TERMINAL

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

015-6TTx

63	3	2	033-6xs	
63	4	2		034-6xs
63	5	2		035-6xs
125	3	2	043-6xs	
125	4	2		044-6xs
125	5	2		045-6xs

035-6xs

with flange 70 x 70 - fixing center 56 x 56				
16	3	10	613-6x	
16	4	10		614-6x
16	5	10		615-6x
32	3	10	623-6x	
32	4	10		624-6x
32	5	10		625-6x

625-6x

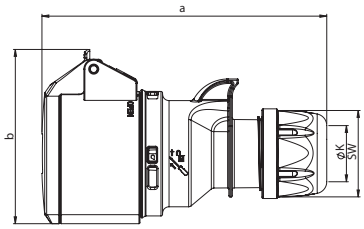
TURBO click TERMINAL

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

625-6TTx

Minimum order quantity: 50 pcs.

Connector IP44 SHARK



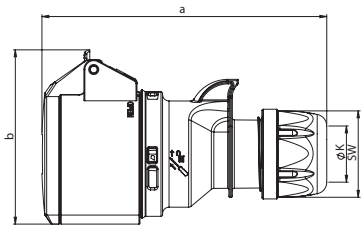
	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	133	138	145	161	161	168
b [mm]	76	80	89	91	94	100
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	134	161	180	228	244	270

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

IP44 splashproof

also available in IP67

Connector IP44 SHARK TT



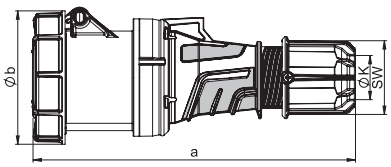
	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a [mm]	133	138	145	161	161	168
b [mm]	76	82	89	94	94	100
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
SW [mm]	42	42	42	50	50	50
Weight [g]	136	161	193	228	243	271

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

IP44 splashproof

also available in IP67

Connector IP66/67 POWER TWIST

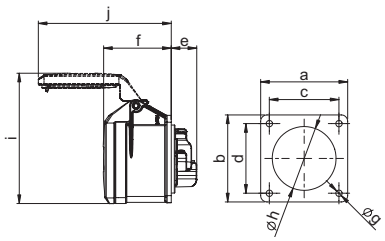


	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
a [mm]	269	269	269	287	287	287
b [mm]	114	114	114	124	124	124
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Wire flexible [mm²]	6-16			16-50		
Contact screws [Ncm]	200			450		
SW [mm]	61	61	61	81	81	81
Weight [g]	673	714	772	1060	1167	1266

- 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. 233**5**-6xs (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 233**6**-6xs (see page 8)

IP66/67 watertight

Flanged socket straight IP44



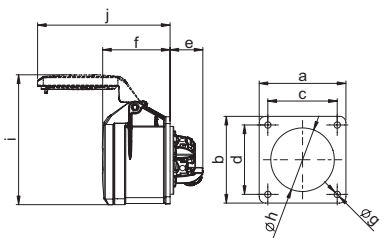
	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	21	21	21	23	23	23
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	87	101	105	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [mm²]	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. 315-6x**v**

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. 315-6TTx**v**

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

also available in IP67

Amp.	Poles	pack. unit	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.
16	3	10	213-6x	
16	4	10		214-6x
16	5	10		215-6x
32	3	10	223-6x	
32	4	10		224-6x
32	5	10		225-6x

223-6x

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

215-6TTx

63	3	2	233-6xs	
63	4	2		234-6xs
63	5	2		235-6xs
125	3	2	243-6xs	
125	4	2		244-6xs
125	5	2		245-6xs

235-6xs

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

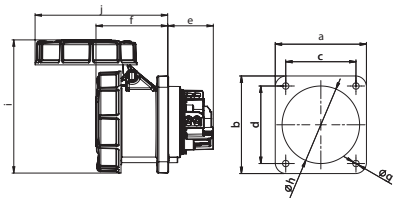
315-6x

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

313-6TTx

Minimum order quantity: 50 pcs.

Flanged socket straight 66/67 POWER TWIST

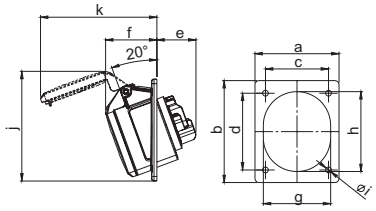


	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	100	100	100	120	120	120
Fixing center c x d [mm]	80	80	80	100	100	100
e [mm]	50	50	50	48	48	48
f [mm]	80	80	80	101	101	101
g [mm]	7	7	7	8	8	8
h [mm]	85	85	85	90	90	90
i [mm]	147	147	147	159	159	159
j [mm]	146	146	146	179	179	179
Wire flexible [mm²]	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 (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. 333**5**-6xs (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 333**6**-6xs (see page 8)

IP66/67 watertight

Flanged socket sloping IP44



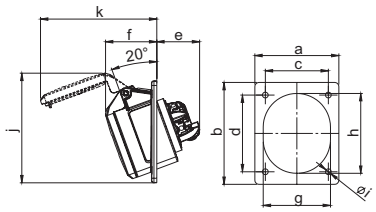
	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	38	38	38	48	48	48
f [mm]	47	47	49	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	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. 415-6x**v**

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

also available in IP67

Flanged socket sloping IP44 TT



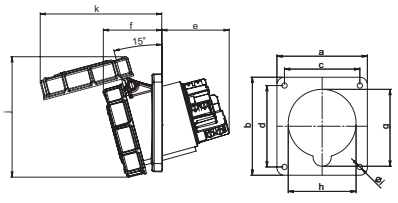
	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	41	41	41	48	48	48
f [mm]	47	47	49	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	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. 415-6TTx**v**

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		
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. 433**5**-6xs (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 433**6**-6xs (see page 8)

IP67 watertight

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

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

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

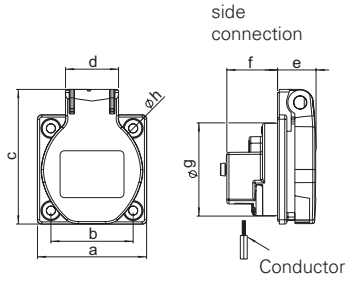
415-6TTx

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

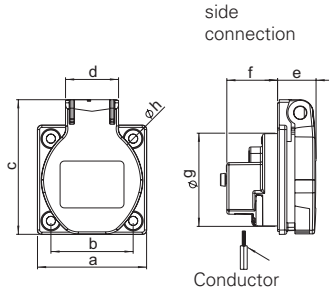


	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	18
f [mm]	24
g [mm]	43
h [mm]	4,2
Wire flexible [mm²]	1- 2x2,5
Wire solid [mm²]	1- 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- 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 [mm²]	1- 2x2,5
Wire solid [mm²]	1- 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

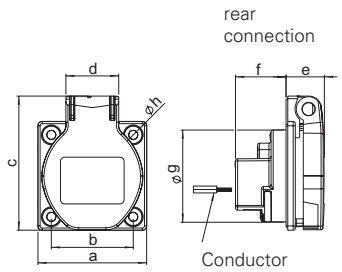
- **with sealing bulge**
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

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

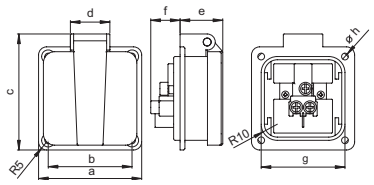


	• STANDARD •
	16 Amp
Poles	2P + E
Flange a [mm]	50
Fixing center b [mm]	38
c [mm]	62
d [mm]	25
e [mm]	18
f [mm]	24
g [mm]	43
h [mm]	4,2
Wire flexible [mm²]	1- 2x2,5
Wire solid [mm²]	1- 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- 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

Amp.	Poles	pack. unit	Abbreviations/Types	250V~ 50/60Hz Cat.No.
16	3	100	P-NOVA PLUS+ Flange: 50x50mm, Fixing center: 38x38mm	1050-0ss
16	3	100	P-NOVA PLUS+ Flange: 50x50mm, Fixing center: 38x38mm	1050-0ssw
16	3	100	P-NOVA PLUS+ 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

1040-0s

1040-0s

1020-0s

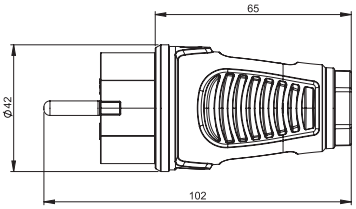
1020-5s

Event technology MIDNIGHT-SERIES

Safety plug
Dual earthing system

- Solid rubber version (TPE)
- Internal strain relief
- Contact carrier: TPE

IP54



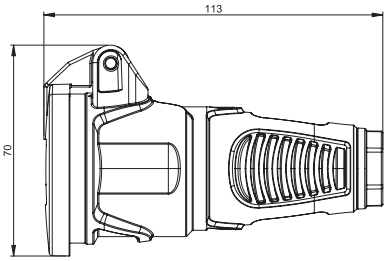
0522-ss

pack.unit: 30

Safety connector with hinged lid
Austrian/German system

- Solid rubber version (TPE)
- Internal strain relief
- Contact carrier: TPE

IP54



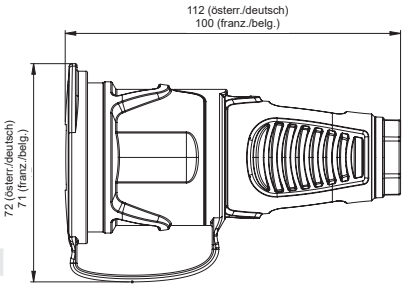
2522-ss

pack.unit: 20

Safety connector with cap
Austrian/German system

- Solid rubber version (TPE)
- Internal strain relief
- Contact carrier: TPE

IP54



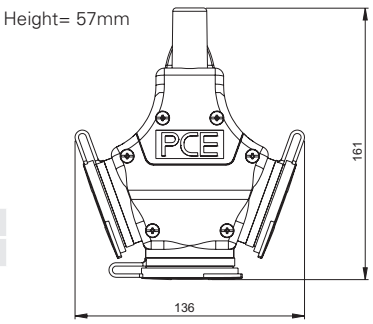
2521-ss

pack.unit: 20

3-way connector rubber
French/Belgian system

- with cap
- insert: polyamide

IP44 splashproof



24311-sxs

with shutter **24311-sxsc**

pack.unit: 5

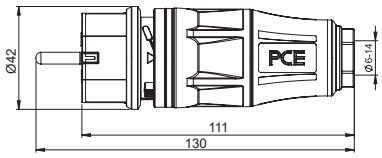
Safety plug
Dual earthing system

- schraubenlose zentrische Zugentlastung
- Oberfläche gummiert
- Einsatz: PA6

IP54

	05721-ss

pack.unit: 20



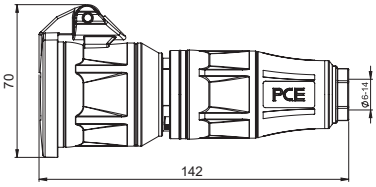
Safety connector with hinged lid
Austrian/German system or French/Belgian system

- with screwless cable gland
- optional: LED power indicator, shutter
- rubberised surface
- insert: PA6

IP54

standard	**25712-ss**	**24712-ss**
+ shutter	**25712-ssc**	**24712-ssc**
standard + LED	**25732-ss**	**24732-ss**
+ LED + shutter	**25732-ssc**	**24732-ssc**

pack.unit: 10



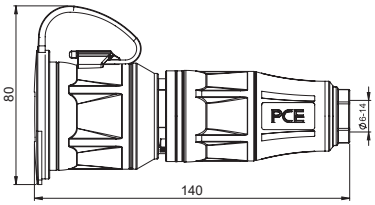
Safety connector with cap
Austrian/German system or French/Belgian system

- with screwless cable gland
- optional: LED power indicator, shutter
- rubberised surface
- insert: PA6

IP54

standard	**25711-ss**	**24711-ss**
+ shutter	**25711-ssc**	**24711-ssc**
standard + LED	**25731-ss**	**24731-ss**
+ LED + shutter	**25731-ssc**	**24731-ssc**

pack.unit: 10



3-way connector solid rubber
Austrian/German system

- **with hinged lid**
- insert: rubber, • with screwless cable gland

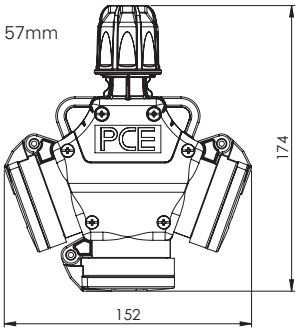
IP44 splashproof

LED with LED power indicator

253622-sxs	
253642-sxs	

pack.unit: 5

Height= 57mm



94325000

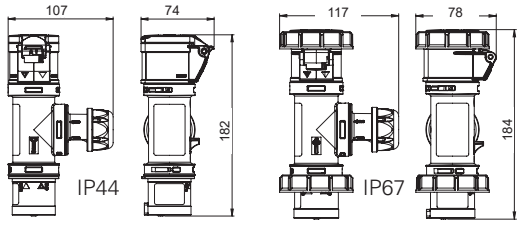
94326000

T-Connect

Equipment:
1 CEE-plug 16A 3p 6h
1 CEE-socket 16A 3p 6h
1 cable exit
(terminal block max. 3x2,5mm²)

IP44	splashproof	**94325000**
IP67	watertight	**94326000**

pack.unit: 10



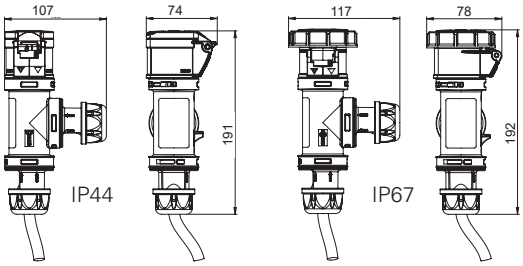
94325001

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	**94325001**
IP67	watertight	**94326001**

pack.unit: 10



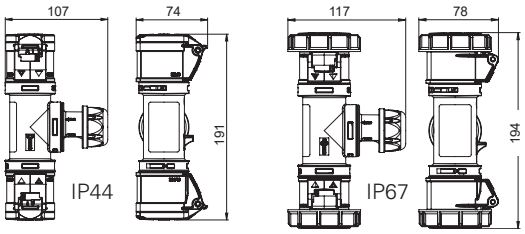
94325002

T-Connect with cable entry

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

IP44	splashproof	**94325002**
IP67	watertight	**94326002**

pack.unit: 10



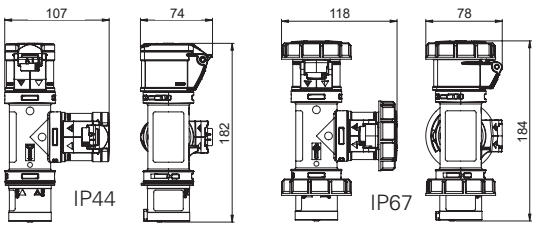
94325003

T-Connect with CEE-plug

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

IP44	splashproof	**94325003**
IP67	watertight	**94326003**

pack.unit: 10



H-CONNECT
MIDNIGHT

H-Connect

CEE multiple socket
- incl. eyelet for velcro tape for mounting on round tubes
- housing material ABS
- contacts: brass nickel-plated

Equipment:
1 CEE plug 16A 3p 6h
3 CEE socket 16A 3p 6h

IP44 splashproof **94327000**

pack.unit: 10

optional: velcro tape

Compact distribution boxes Series St. Anton

9430052

9430053

9430054

- 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

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**

details see page 329

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 corrosions-resistant
- color frame: black

IP66/67 watertight

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**

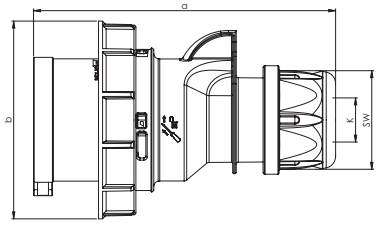
details see page 328

PLUGS AND SOCKETS „CAMOUFLAGE“

		Page
	Plugs / Connectors 16A - 125A	**242**
	Flanged plugs / Wall mounted plugs	**244**
	Flanged sockets straight and sloping	**246**
	Watertight plugs and connectors IP66/68	**248**

Version in bronze-green (similar to RAL6031)

Plug IP67 SHARK



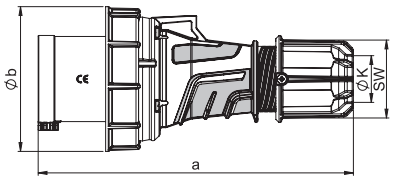
	16 Amp			32 Amp		
Poles	3		5	3		5
a [mm]	122		134	150		155
b [mm]	71		87	93		100
K_cable Ø [mm]	6-15		8-16	11,5-20		11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42		42	50		50
Weight [g]	130		183	223		276

- with screw terminals
- housing material: PA6
- contacts: brass

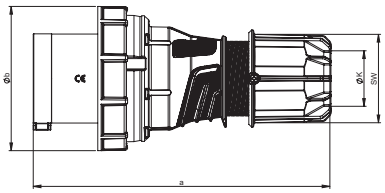
IP66/67 watertight

Plug IP66/67 POWER TWIST

63A



125A

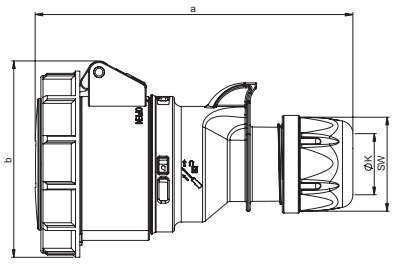


	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
a [mm]	250	250	250	270	270	270
b [mm]	115	115	115	131	131	131
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Wire flexible [mm²]	6-16			16-50		
Contact screws [Ncm]	200			450		
SW [mm]	61	61	61	81	81	81
Weight [g]	574	621	670	956	1064	1169

- 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



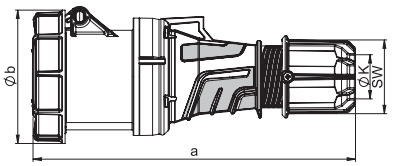
	16 Amp			32 Amp		
Poles	3		5	3		5
a [mm]	132		147	163		171
b [mm]	78		92	96		102
K_cable Ø [mm]	6-15		8-16	11,5-20		11,5-22
Wire flexible [mm²]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42		42	50		50
Weight [g]	155		227	275		338

- with screw terminals
- housing material: PA6
- contacts: brass

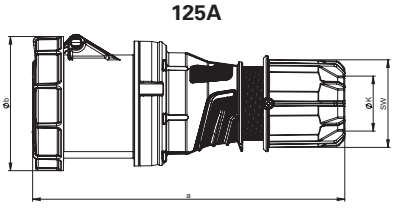
IP66/67 watertight

Connector IP66/67 POWER TWIST

63A



125A



	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. 243**5**-6.u (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 243**6**-6.u (see page 8)

IP66/67 watertight

Amp.	Poles	pack. unit	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.
16	3	10	0132-6.u	
16	5	10		0152-6.u
32	3	10	0232-6.u	
32	5	10		0252-6.u

0152-6.u

63	3	2	033-6.u	
63	4	2		034-6.u
63	5	2		035-6.u
125	3	2	043-6.u	
125	4	2		044-6.u
125	5	2		045-6.u

035-6.u

16	3	10	2132-6.u	
16	5	10		2152-6.u
32	3	10	2232-6.u	
32	5	10		2252-6.u

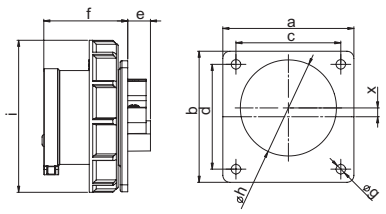
2152-6.u

63	3	2	233-6.u	
63	4	2		234-6.u
63	5	2		235-6.u
125	3	2	243-6.u	
125	4	2		244-6.u
125	5	2		245-6.u

235-6.u

CEE Flanged plugs / wall mounted plugs

Flanged plug straight IP67



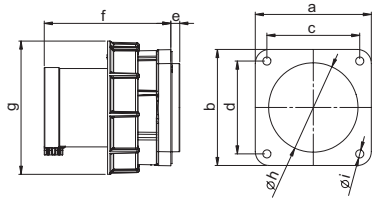
	16 Amp			32 Amp		
Poles	3		5	3		5
Flange a x b [mm]	75		75	75		75
Fixing center c x d [mm]	60		60	60		60
e [mm]	15		13	14		14
f [mm]	48		48	58		58
g [mm]	5,5		5,5	5,5		5,5
h [mm]	43		55	55		55
i [mm]	71		87	93		100
x [mm]	11,3		5	4,5		0
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
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

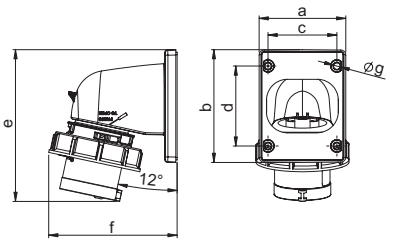


	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	100	100	100	120	120	120
Fixing center c x d [mm]	80	80	80	100	100	100
e [mm]	8	8	8	13	13	13
f [mm]	109	109	109	118	118	118
g [mm]	115	115	115	131	131	131
h [mm]	77	77	77	95	95	95
i [mm]	7	7	7	7	7	7
Wire flexible [mm²]	6-16			16-50		
Wire solid [mm²]	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

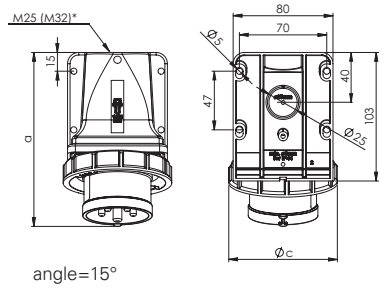


	16 Amp			32 Amp		
Poles	3		5	3		5
a [mm]	66		90	90		90
b [mm]	86		100	100		100
c [mm]	53		77	77		77
d [mm]	61		85	85		85
e [mm]	116		153	163		164
f [mm]	99		107	110		114
g [mm]	5		5	5		5
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	146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

- with screw terminals
- housing material: PC/ABS
- contacts: brass

IP67 watertight

Wall mounted plug IP67



angle=15°

	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~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h 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**

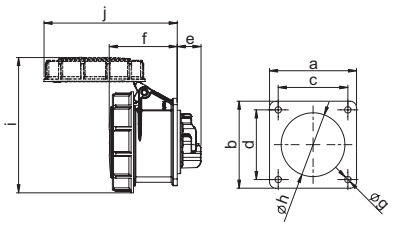
777152-6.u

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

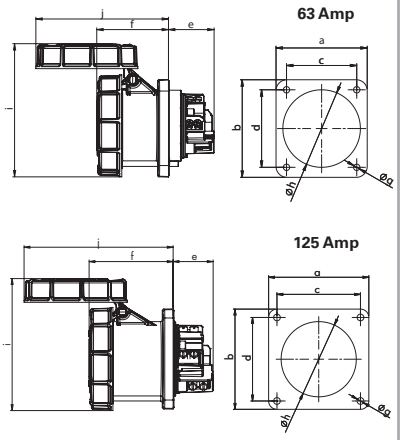


	16 Amp			32 Amp		
Poles	3		5	3		5
Flange a x b [mm]	75		75	75		75
Fixing center c x d [mm]	60		60	60		60
e [mm]	21		21	23		23
f [mm]	56		59	69		71
g [mm]	5,5		5,5	5,5		5,5
h [mm]	43		55	55		58
i [mm]	102		117	122		130
j [mm]	101		115	130		136
Wire flexible [mm²]	1-2,5			2,5-6		
Wire solid [mm²]	1-4			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.u**v**

IP67 watertight

Flanged socket straight IP66/67 POWER TWIST

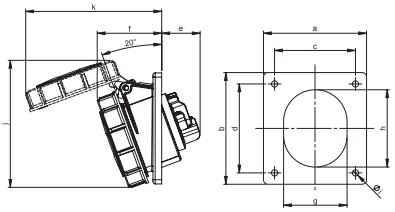


	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	100	100	100	120	120	120
Fixing center c x d [mm]	80	80	80	100	100	100
e [mm]	50	50	50	48	48	48
f [mm]	80	80	80	101	101	101
g [mm]	7	7	7	8	8	8
h [mm]	85	85	85	90	90	90
i [mm]	147	147	147	159	159	159
j [mm]	146	146	146	179	179	179
Wire flexible [mm²]	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. 335**5**-6.u (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 335**6**-6.u (see page 8)

IP66/67 watertight

Flanged socket sloping IP67

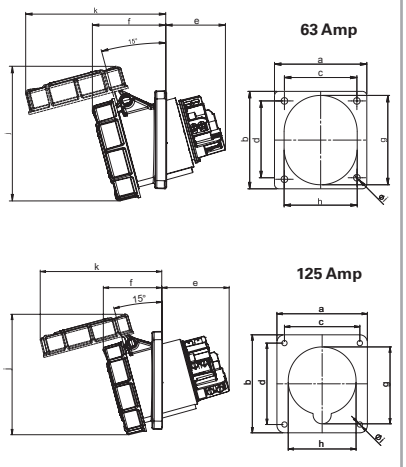


	16 Amp			32 Amp		
Poles	3		5	3		5
Flange a [mm]	92		92	92		92
Flange b [mm]	100		100	100		100
Fixing center c [mm]	77		77	77		77
Fixing center d [mm]	85		85	85		85
e [mm]	33		38	48		48
f [mm]	53		58	62		62
g [mm]	51		65	65		70
h [mm]	61		76	75		80
i [mm]	5,5		5,5	5,5		5,5
j [mm]	101		114	120		128
k [mm]	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.u**v**

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. 445**5**-6.u (see page 8)
  - to order with pilot contact system (PCS) please add a „**6**“ e.g. 445**6**-6.u (see page 8)

IP66/67 watertight

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

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

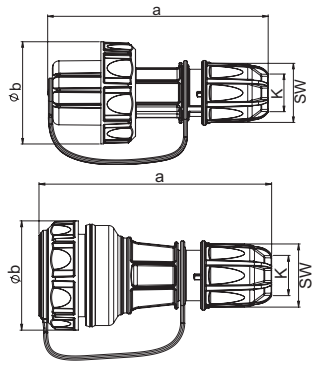
Amp.	Poles	pack. unit	230V~ 50/60Hz 3p=6h 4p+5p=9h Cat.No.	400V~ 50/60Hz 3p=9h 4p+5p=6h Cat.No.
flange 92 x 100 - fixing center 77 x 85				
16	**3**	10	**4132-6.u**	
16	**5**	10		**4152-6.u**
32	**3**	10	**4232-6.u**	
32	**5**	10		**4252-6.u**

4152-6.u

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



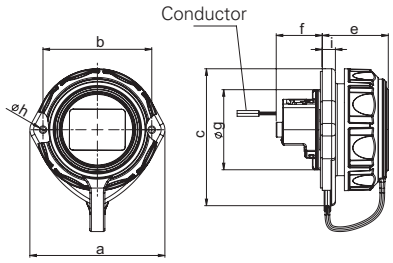
Plug with protection cap IP66/68

	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

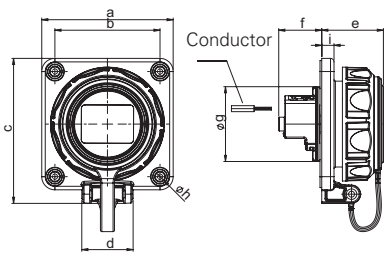


Flanged socket oval with cover band

	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

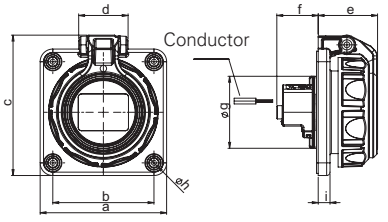


Flanged socket 75x75 mm with cover band

	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

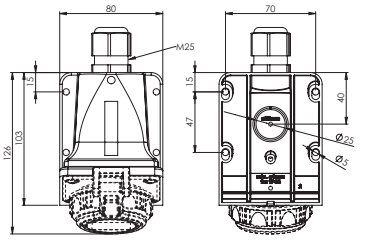


Flanged socket 75x75mm with hinged lid

	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

Amp.	Poles	pack. unit	Abbreviations/Types	250V~ 50/60Hz 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

20351-8u

			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

DISTRIBUTION BOXES MADE OF SOLID RUBBER OR THERMOPLASTIC

PCE supplies a variety of high-grade, **solid rubber or 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 - Fields of application

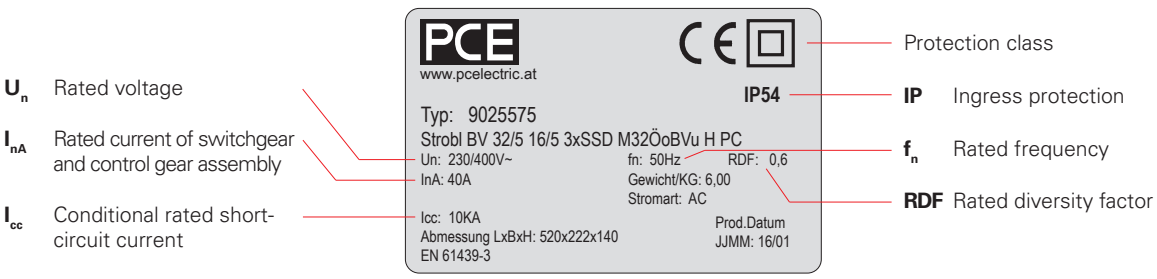
PCE distributors are to be found in use in all areas where high mechanical loads, extreme operating conditions or comprehensive safety requirements demand a special solution such as in workshops, industrial plants, construction sites, tunnels etc.
We plan and manufacture according to your wishes and 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



WALL-MOUNTED DISTRIBUTION BOXES
MADE OF SOLID RUBBER

		Page
	Information	**254**
	Zams Dimensions: HxWxD = 527x400x205(154)mm	**256**
	Bruck Dimensions: HxWxD = 370x370x203mm	**257**
	Salzburg Dimensions: HxWxD = 370x298x203mm	**258**
	Furt Dimensions: HxWxD = 350x210x146mm	**259**
	Grein Dimensions: HxWxD = 350x210x97mm	**260**
	Traunsee Dimensions: HxWxD = 260x165x90mm	**261**
	Freistadt Dimensions: HxWxD = 129x129x83mm	**262**

Information
Wall-mounted distribution boxes – solid rubber

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.

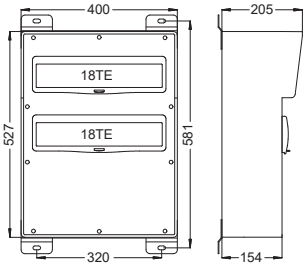
IP54

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 inter-changeable
- Vulcanised brass nut

External mounting brackets made of stainless steel (optional)

TOP assembly

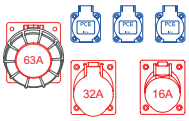


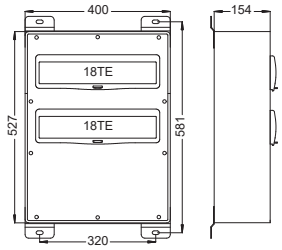
Series ZAMS

- **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:

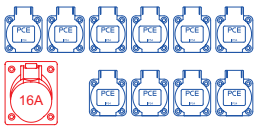
- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Window opening angle >180° (optional: locking device)
- Ready wired on main connecting terminal for wiring through
- Cable gland IP68 selective on top or bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

Layout	CEE 400V 5p			SS 250V	Protection		Connection	I_{nA} 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	I_{nA} 100A RDF 0,6	**9543014**



Series ZAMS (without protective roof)

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure without 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	I_{nA} 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	I_{nA} 32A RDF 0,6	**9544001**

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

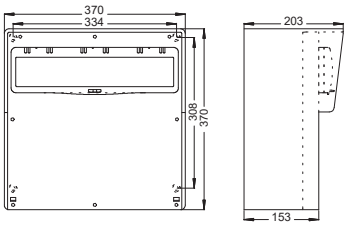
Wall-mounted distribution boxes – solid rubber
Series BRUCK

Series BRUCK

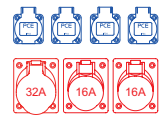
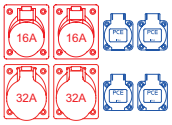
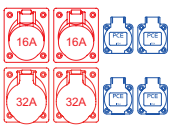
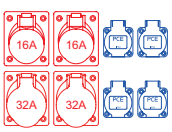
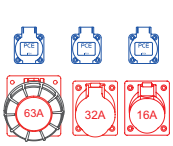
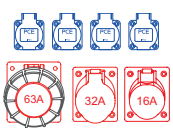
- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure with protective roof (optional without roof)
- **Dimensions HxWxD = 370x370x203 mm**
- Front cover made out of plastics (black), hinged to housing
- Window for up to max. 18 modules
- Ready wired for connection
- **IP54** (IP67 on 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



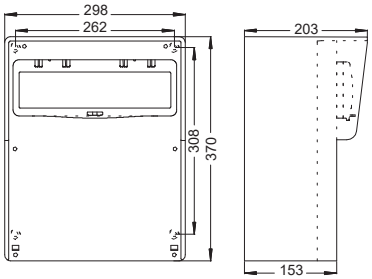
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	2	4	1xRCD 63/4/0,03A (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 0,4	**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!

Wall-mounted distribution boxes – solid rubber
Series SALZBURG



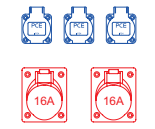
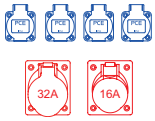
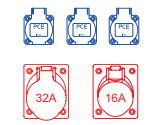
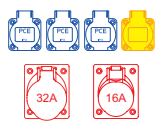
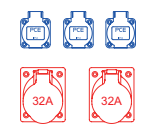
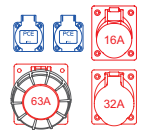
Series SALZBURG

- **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
- I**P54** (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	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 0,5	**92272976**
					1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-B	1xM32 (ø18-25mm) top 2xM16 (ø5-10mm) top CAT6-socket RJ45 double + mounting set separate order	InA 40A RDF 0,6	**92273146** + 12k452-0e 12k452-8/13
		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!

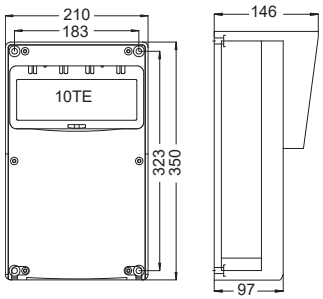
Wall-mounted distribution boxes – solid rubber
Series FURT

Series FURT

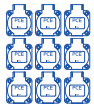
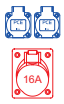
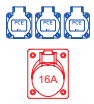
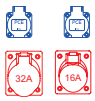
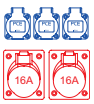
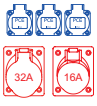
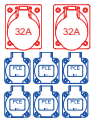
- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure with protective roof (optional without roof)
- **Dimensions HxWxD = 350x210x146**
- Window up to max. 10 modules
- Ready wired for connection
- I**P54** (IP67 on request)

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

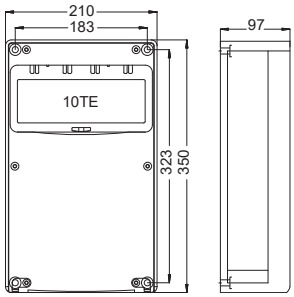


Layout examples: (other combinations on request!)

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 0,6	**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

Series GREIN



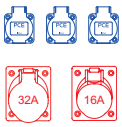
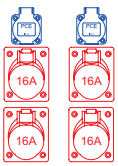
Series GREIN

- **Socket outlet combination**
- Solid rubber enclosure
- **Dimensions HxWxD = 350x210x97**
- Front cover hinged to housing
- Ready wired for connection
- I**P54** (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**

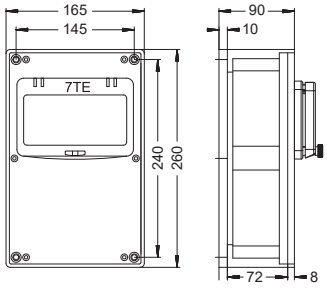
VS = backup fuse

Wall-mounted distribution boxes – solid rubber
Series TRAUNSEE

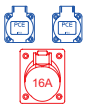
Series TRAUNSEE

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure
- **Dimensions HxWxD = 260x165x90**
- Ready wired for connection
- I**P54** (IP67 on request)

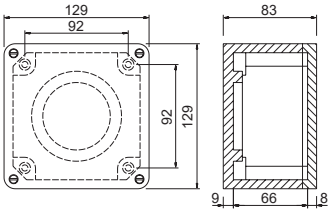
Standard version:
- Protective insulation via 4-way wall fastening outside of wiring space
- All outer metal parts made out of stainless steel, captive screws
- Ready wired on main connecting terminal
- Cable gland IP68 on top
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS I_{nA} RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				3	1xRCD 63A/4/0.03A (TYPE A 40AT)	3xMCB 16A 1p-C	1xM25 (ø13-18mm) top 1xM25 (blind cap) bottom	I_{nA} 32A RDF 0,8	**9216140**
		1		1	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 16A 1p-C	1xM32 (ø18-25mm) top 1xM32 (blind cap) bottom	I_{nA} 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**

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse



Series FREISTADT

- Solid rubber enclosure
- **Dimensions HxWxD = 129x129x83**
- Ready wired for connection
- I**P54** (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 10mm² 1xM20 (ø10-14mm) top	max.16A	**9848030**
				2*			1xterminal 5p 10mm² 1xM20 (ø7-14mm) top * SS mounted on the side	max.16A	**9848050**

VS = backup fuse

Wall-mounted distribution boxes – solid rubber

External mounting brackets made of stainless steel (optional)

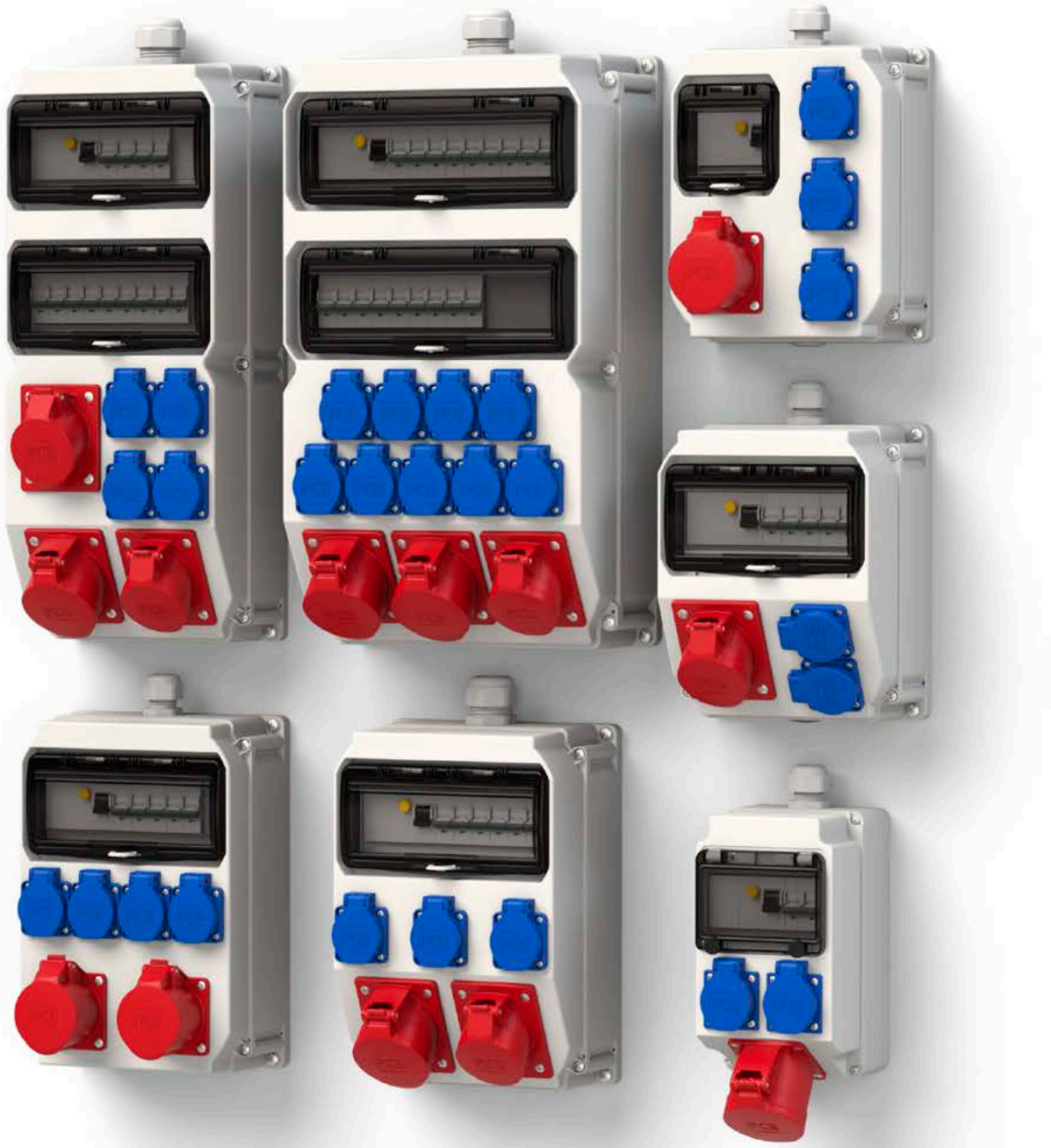
DELTA

WALL-MOUNTED DISTRIBUTION BOXES

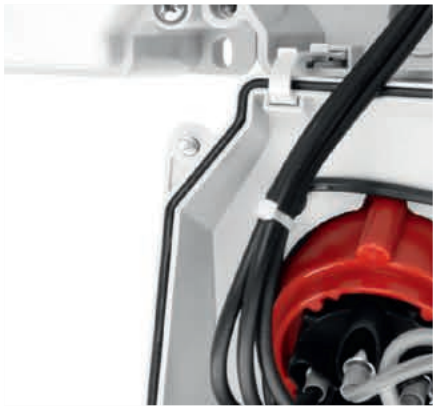
MADE OF THERMOPLASTIC

		Page
	Sölden Dimensions: HxWxD = 520x297x165mm	**269**
	Strobl Dimensions: HxWxD = 520x222x140mm	**270**
	Anif4 Dimensions: HxWxD= 320x222x114mm	**271**
	Anif7 Dimensions: HxWxD= 320x222x140mm	**272**
	Lofer7 Dimensions: HxWxD = 255x204x140mm	**274**
	Lofer4 Dimensions: HxWxD = 255x204x114mm	**275**
	Opole Dimensions: HxWxD = 355x300x128mm	**275**
	Murau / Schwaz Dimensions: HxWxD = 255x204x114mm	**276**
	Lech Dimensions: HxWxD = 230x130x130mm	**277**

Wall-mounted thermoplastic distribution boxes DELTA



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).

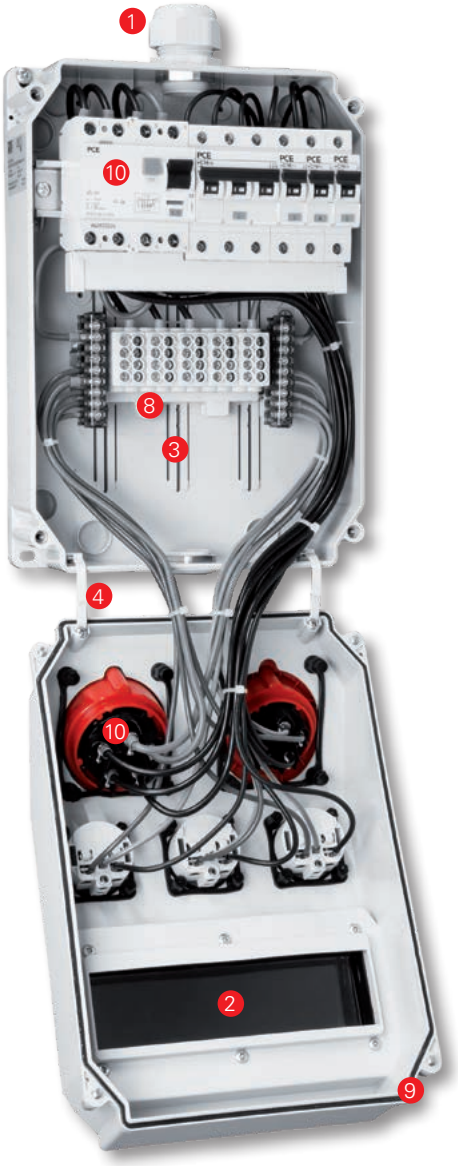
DELTA series distribution boxes are well suited for all applications. Especially in those areas that depend on high-quality, a robust enclosure and total reliability, such as in industry, trade, workshops, agriculture, household, public buildings, leisure, sport, marinas, camping, etc.

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**.

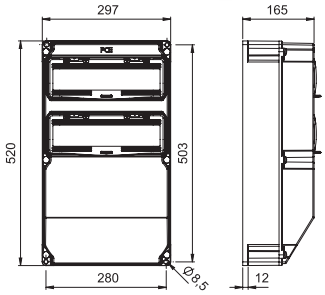
*) inserted in series Lech
**) with series Lech directly in the plastic

Series SÖLDEN

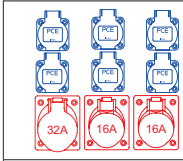
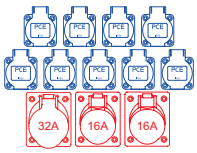
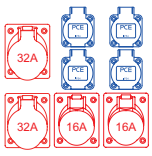
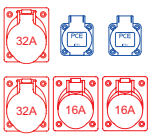
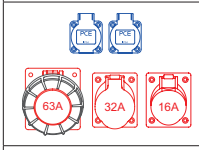
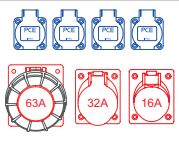
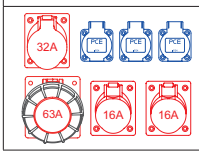
- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 520x297x165 mm**
- Switchgear up to 2x14 modules, behind transparent window
- Ready wired for connection
- I**P54** (IP67 on request)

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



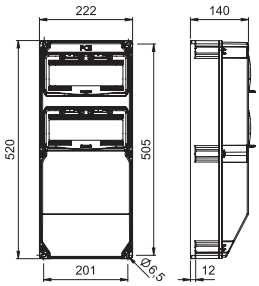
Layout examples: (other combinations on request!)

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 0,4	**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



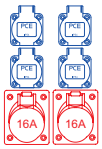
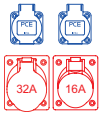
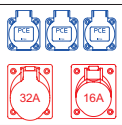
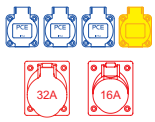
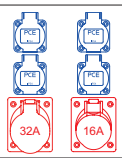
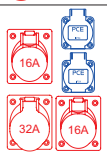
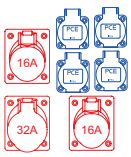
Series STROBL

- **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
- I**P54** (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	I_{nA} 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	I_{nA} 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	I_{nA} 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	I_{nA} 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 CAT6-socket RJ45 double + mounting set separate order	I_{nA} 40A RDF 0,6	**90251319** + 12k452-0e 12k452-1/4
		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	I_{nA} 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	I_{nA} 40A RDF 0,5	**9025612**
		1	2	4	1xRCD 63A/4/0.03A (**TYPE B** 63AT)	1xMCB 32A 3p-C 2xMCB16A 3p-C 4xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	I_{nA} 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	I_{nA} 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	I_{nA} 63A RDF 0,5	**9025587**

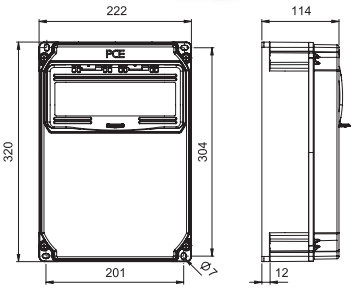
InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

...available on stock!

Thermoplastic insulated distribution boxes DELTA®
Series ANIF4

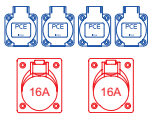
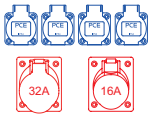
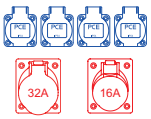
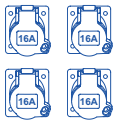
Series ANIF4

- **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
- I**P54** (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

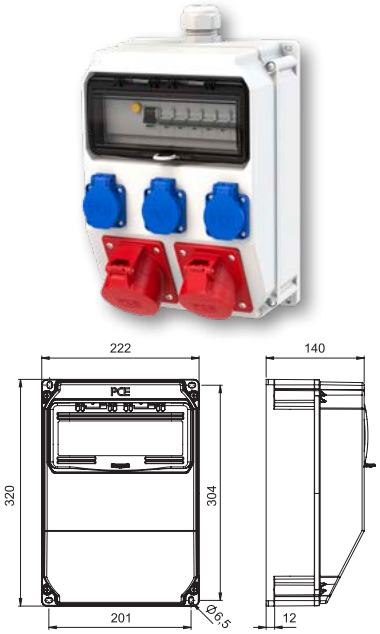
Layout examples: (other combinations on request!)

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 0,5	**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 ANIF7



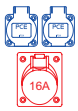
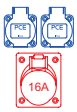
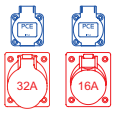
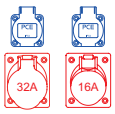
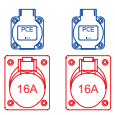
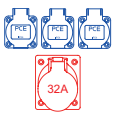
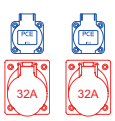
Series ANIF7

- **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
- I**P54** (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

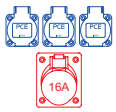
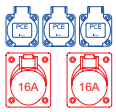
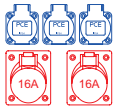
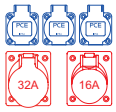
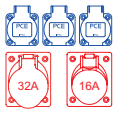
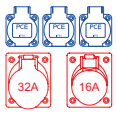
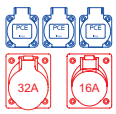
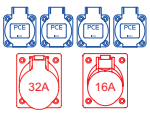
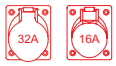
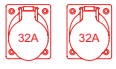
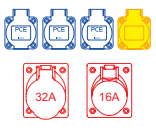
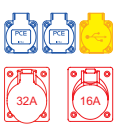
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	I_{nA} 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	I_{nA} 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	I_{nA} 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	I_{nA} 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	I_{nA} 40A RDF 0,6	**9135511**
			2	2		2xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	I_{nA} 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	I_{nA} 40A RDF 0,7	**9135136**
		2		2		2xMCB 32A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	I_{nA} 40A RDF 0,5	**9135523**

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

Thermoplastic insulated distribution boxes DELTA®
Series ANIF7

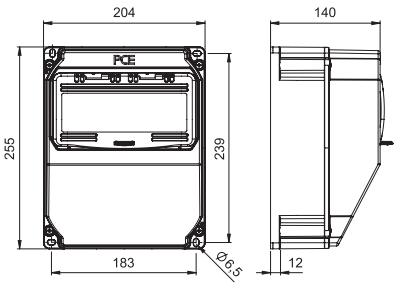
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			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	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**
		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 CAT6-socket RJ45 double + mounting set separate order	InA 32A RDF 0,5	**9135585** + 12k452-0e 12k452-1/4
		1	1	2	1xRCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-C 1 x MCB 6A 1p-B	1xM32 cable gland top 1xM32 (blind cap) bottom 1xUSB-charging socket with 2x USB Type A	InA 32A RDF 0,5	**9135710**

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

...available on stock!

Thermoplastic insulated distribution boxes DELTA
Series LOFER7



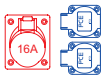
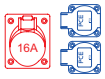
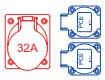
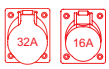
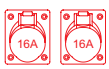
Series LOFER7

- **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
- I**P54** (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 0,7	**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 0,7	**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**

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

...available on stock!

Thermoplastic insulated distribution boxes DELTA
Series LOFER4

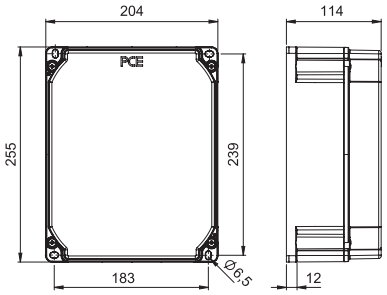
Series LOFER4

- **Socket outlet combination**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 255x204x114 mm**
- Ready wired for connection
- I**P54** (IP67 on request)

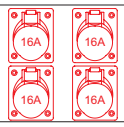
Standard version:
- All outer metal parts made out of stainless steel, captive screws
- Ready wired on main connecting terminal for wiring through
- Opening for cable gland on top, blind cap on bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

9017101

9017009



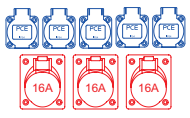
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS	Cat.No.
	63A	32A	16A	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**

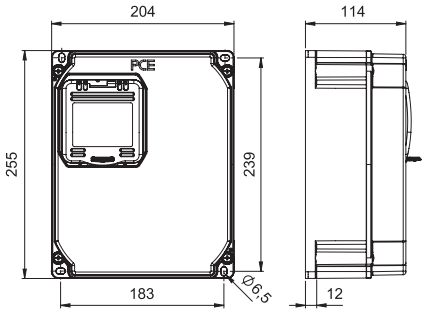
Thermoplastic insulated distribution boxes
Series OPOLE

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 355x300x128mm**
- Switchgear up to 14 modules, behind transparent window
- Ready wired for connection
- Protective insulation via 4-way wall fastening outside of wiring space
- **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			
			3	5	1xRCD 63A/4/0,03A (TYPE A 40AT)	2xMCB 16A 3p-C 4xMCB 16A 1p-C	1 x M32 (Ø18-25mm) top	InA 40A RDF 0,5	**45460101**

VS = backup fuse; InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor



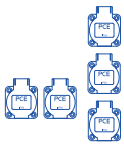
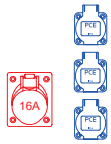
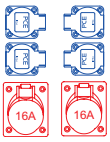
Series MURAU/SCHWAZ

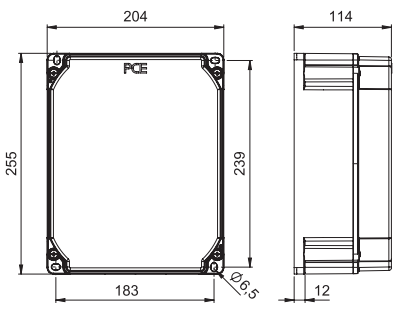
- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 255x204x114 mm**
- MURAU: Switchgear up to 4 modules, behind transparent window
- SCHWAZ: without window
- Ready wired for connection
- I**P54** (IP67 on request)

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	I_{nA} 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	I_{nA} 16A RDF 0,7	**9013039**
			1	3	1xRCD 40A/4/0.03A (TYPE A 25AT)		1xM25 (hole) top 1xM25 (blind cap) bottom	I_{nA} 16A RDF 0,7	**9013031**
			2	4			1xM20 (cable gland (ø10-14mm) top	VS max.16A	**9014120-p**



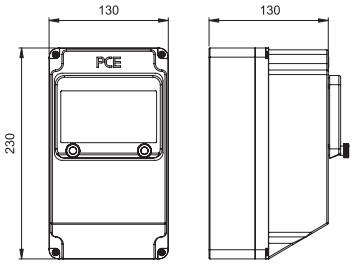
InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

Thermoplastic insulated distribution boxes DELTA®
Series LECH

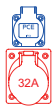
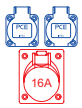
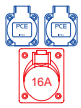
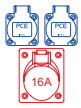
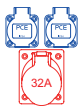
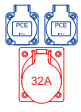
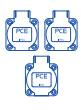
Series LECH

- **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
- I**P54** (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 0,5	**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 0,5	**9605150**
		1		2		2xMCB 16A 1p-B	1xM25 (thread) top 2xM25 (break out) bottom	InA 32A RDF 0,6	**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

MOBILE DISTRIBUTION BOXES
MADE OF SOLID RUBBER

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	Ried Dimensions: HxWxD = 280x235x285mm	**285**
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Information
Mobile distribution boxes – solid rubber

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 (IP65/IP67 on request)

The protection degree of the complete product is defined by the unit with the lowest protection which is mounted.

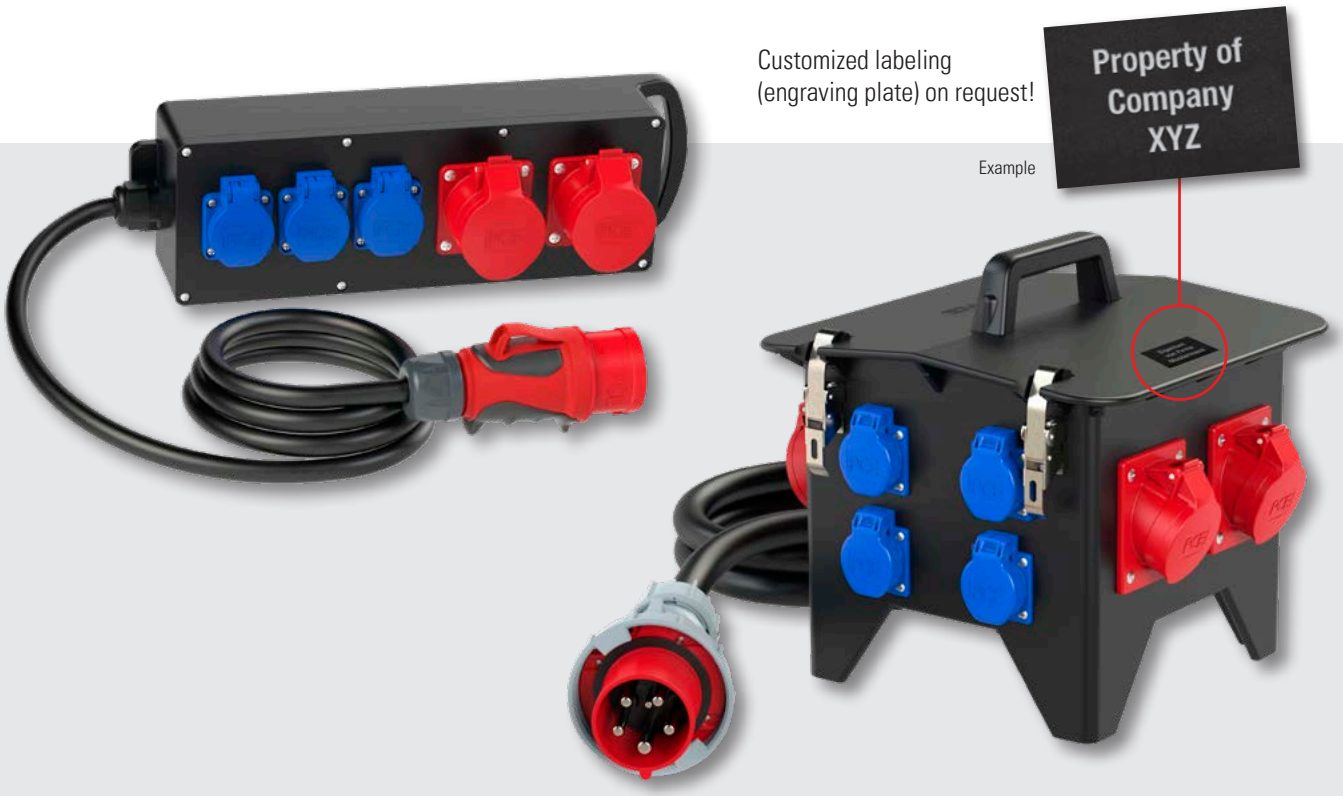
STANDARD DESIGN

- 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

Customized labeling (engraving plate) on request!

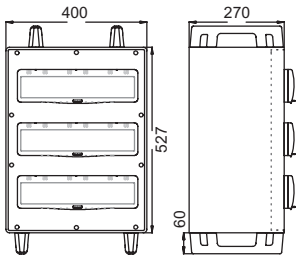
Example



Solid-rubber distribution boxes – mobile
Series ZIRL

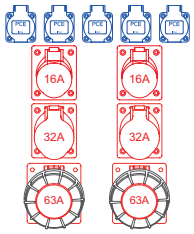
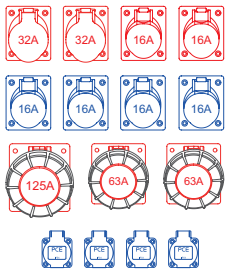
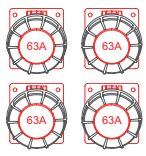
Series ZIRL

- **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	I_{nA} RDF	Cat. No.
	125A	63A	32A	16A	16A	16A			
		2	2	2		5	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	I_{nA} 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 1xMCB 63A 3p-C 1xRCD 63A/4/0.03A (TYPE A 63AT) for all 16A fused with 1xMCB 63A 3p-C 2m cable H07RN-F 5G35 with CEE-plug 125A 5p 400V	I_{nA} 125A RDF 0,5	**9545311**
		4					4xMCB 63A 3p-C 4xRCD 100A/4/0.1A (TYPE A 63AT) 2m cable H07RN-F 5G35 with CEE-plug 125A 5p 400V mounted on zinc coated rack with 2 crane eyes Dimensions: HxWxD = 900x500x600mm	I_{nA} 125A RDF 0,4	**9545312**

Custom versions of series ZIRL - Examples:

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

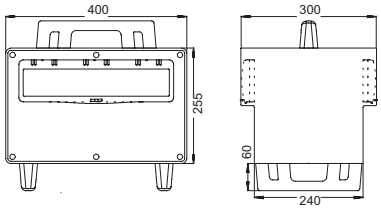
Solid-rubber distribution boxes – mobile
Series SCHREMS

Series SCHREMS

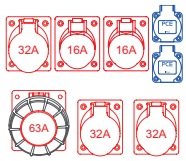
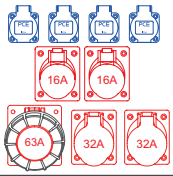
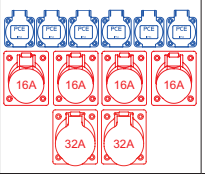
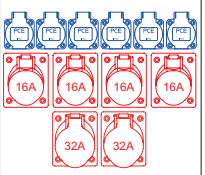
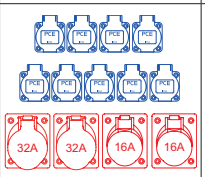
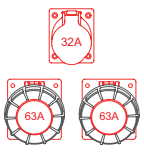
- **Socket outlet combination acc. EN 61439**
- Portable solid rubber distribution box, stackable
- **Dimensions: HxWxD = 255x400x300mm**
- Place for large equipment
- Window for up to max. 36 modules
- DIN-rail mounted control units, such as MCBs, RCDs, electronic current meter etc. installed on the 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

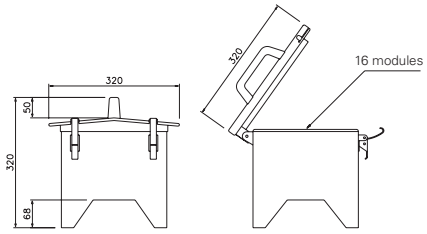


Layout examples: (other combinations on request!)

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 0,4	**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



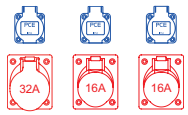
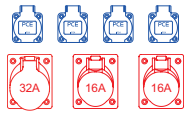
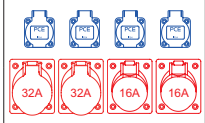
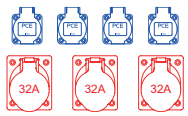
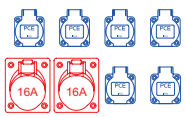
Series SPITZ

- **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** (IP65 on request)

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	I_{nA} RDF	Cat.No.
	63A	32A	16A	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	I_{nA} 63A RDF 0,6	**94741511**
		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	I_{nA} 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	I_{nA} 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	I_{nA} 32A RDF 0,4	**94741386**
		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	I_{nA} 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	I_{nA} 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	I_{nA} 32A RDF 0,5	**9474144**

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

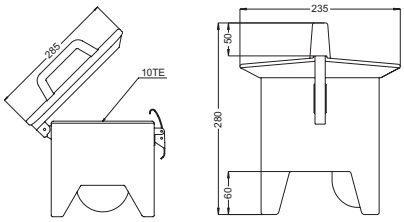
...available on stock!

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

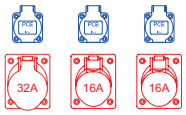
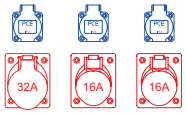
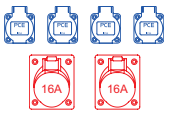
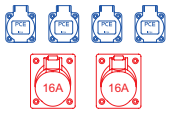
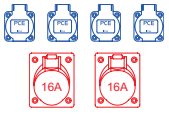
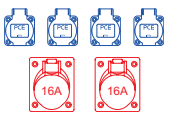
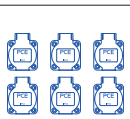
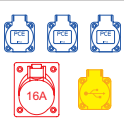
9473070



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** (IP44 with flanged plug)

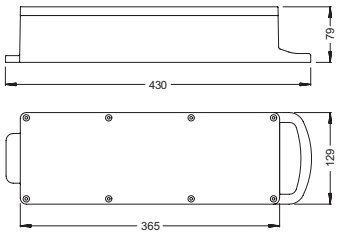
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	I_{nA} 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	I_{nA} 32A RDF 0,5	**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	I_{nA} 32A RDF 0,5	**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	I_{nA} 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	I_{nA} 16A RDF 0,5	**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	I_{nA} 16A RDF 0,5	**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	I_{nA} 32A RDF 0,5	**9473435**
				6		6 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	I_{nA} 32A RDF 0,7	**9473487**
			1	3	1 x RCD 40A/4/0.03A (TYPE A 25AT)	1 x MCB 6A 1p-B	2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V 1xUSB-charging socket with 2x USB Type A	I_{nA} 16A RDF 0,5	**9473255**

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

Solid-rubber distribution boxes – mobile
Series STEYREGG

9441065



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**

9441050

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	I_{nA} 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	I_{nA} 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	I_{nA} 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	I_{nA} 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**
				3	1 x RCD 25A/2/0.03A (TYPE A 25AT)	1 x MCB 6A 1p-B	2m cable H07RN-F 3G2,5 with solid rubber safety plug 1xUSB-charging socket with 2x USB Type A	I_{nA} 16A RDF 0,8	**9441700**

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

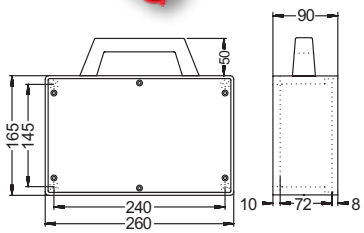
...available on stock!

Solid-rubber distribution boxes – mobile
Series 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**
				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**

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

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**
SPITZ 123456 kWh			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**
		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**
SCHREMS 123456 kWh	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 seperate coils
- 4 safety sockets 16A 230V galvanisc seperated and fused by MCB 16A 2p-C
- Transformer protected by power switch 18-25A
- Control circuit and cooling fan protected by separate transformer with circuit breaker fuse
- Transformers protected agains 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

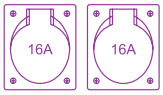
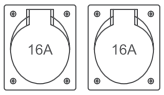
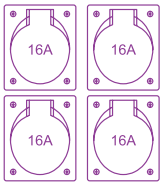
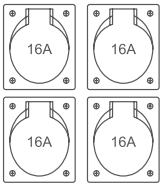
with safety transformers with secondary-side extra low voltage 24V~ or 42V~

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**

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 63/4/0,03A 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 RCD 63/4/0,03A on CEE-sockets 16A
6 sockets (DIN 49440) 16A 240V	6 MCB 16A 1p-C	1 RCD 63/4/0,03A 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 disconnector 160A as input fuse
3x control lights (L1,L2,L3)

Special versions – examples

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	2 MCBs 63A 3p-C	2 RCDs 63/4/0,1A on CEE-sockets 63A
3 CEE-sockets 32A 5p 400V	3 MCBs 32A 3p-C	1 RCD 63/4/0,03A on CEE-sockets 32A
6 CEE-sockets 16A 5p 400V	6 MCBs 16A 3p-C	1 RCD 63/4/0,03A on CEE-sockets 16A
9 sockets (DIN 49440) 16A 240V	9 MCBs 16A 1p-C	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	1 power switch 125A with RCD	
2 CEE-sockets 63A 5p 400V	2 Minized 63A 3p	2 Fi 63/4/0,03A on CEE-Dosen 63A
2 CEE-sockets 32A 5p 400V	2 LS 32A 3p-C	1 Fi 63/4/0,03A on CEE-Dosen 32A
2 CEE-sockets 16A 5p 400V	2 LS 16A 3p-C	1 Fi 63/4/0,03A on CEE-Dosen 16A
6 sockets (DIN 49440)16A 240V	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

598053

- 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

Protective roof stainless steel

- Version in 2mm stainless steel V2A quality

40799001

- Protective roof series ZAMS
- for distribution boxes series ZAMS **only with wall holders**
- WxHxD = 412x587x250mm

40799002

- Protective roof series SALZBURG
- for distribution boxes series SALZBURG **only with wall holders**
- WxHxD = 318x422x250mm

40799003

- Protective roof series BRUCK
- for distribution boxes series Bruck **only with wall holders**
- WxHxD = 390x422x250mm

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 distribution boxes.**

MOBILE DISTRIBUTION BOXES

MADE OF THERMOPLASTIC

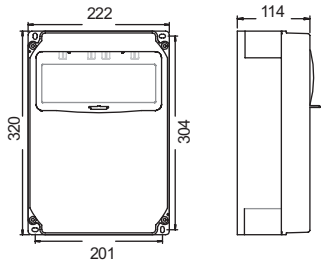
		Page
	Anif4 Dimensions: HxWxD = 320x222x114mm	**296**
	Murau / Schwaz / Lofer 4 Dimensions: HxWxD = 255x204x114mm	**296**
	Horn Dimensions: HxWxD = 263x246x75mm	**297**
	Opole Dimensions: HxWxD = 405x300x128mm	**297**
	Ischl Dimensions: HxWxD = 200x300x200mm	**298**
	Imst Dimensions: HxWxD = 200x197x197mm	**300**
	Pegasus Dimensions: HxWxD = 230x140x140mm	**302**
	St. Anton compact distribution boxes	**304**
	FLEX Enclosure	**308**
	T-Box	**313**

Thermoplastic insulated distribution boxes – mobile
Series ANIF4 / MURAU / SCHWAZ / LOFER4

Layout examples: (other combinations on request!)

Series ANIF4

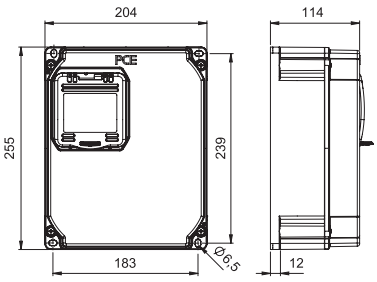
- **Socket outlet combination acc. EN 61439**
- Compact design
- Material: PC/ABS
- **Dimensions: HxWxD = 320x222x114 mm**
- 10 modules
- Ready wired for connection
- **IP54** splashproof
- for assembly plants, electricians, ...



Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
16A 16A			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 0,5	**9134124**
32A 16A		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 0,4	**9134532**
32A 16A		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 0,5	**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, ...



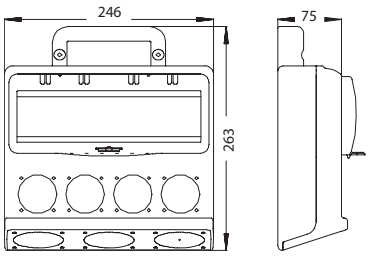
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
16A			1	3	1 x RCD 40A/4/0,03A (TYPE A 25AT)		2m cable H07RN-F 5G1,5 with CEE-plug 16A 5p 400V Carrying handle and stand	InA 16A RDF 0,8	**9013022**
16A 16A			2	4			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V Carrying handle and stand	VS max.16A	**9014010**
16A 16A 16A 16A			4				2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V Carrying handle	VS max.16A	**9017115**
16A			1	2		1 x MCB 6A 1p-B	2m cable H07RN-F 5G1,5 with CEE-plug 16A 5p 400V 1xUSB-charging socket with 2x USB Type A Carrying handle and stand	InA 16A RDF 0,8	**9013050**

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

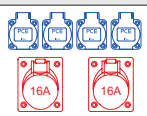
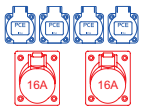
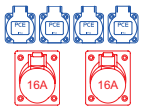
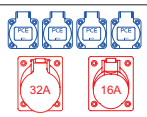
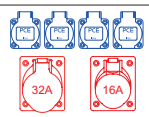
- **Socket outlet combination acc. EN 61439**
- Compact design / incl. carrying handle
- Material: PC/ABS
- **Dimensions: HxWxD = 263x246x75mm**
- Up to 12 modules behind window
- For wall assembly also possible
- Ready wired for connection
- **IP54** splashproof
- for assembly plants, construction sites, agriculture, electricians, ...



Accessories:
Support stand with screws

900404

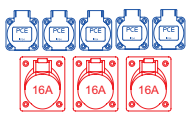
Layout examples: (other combinations on request!)

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 with support stand	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**

Thermoplastic insulated distribution box - mobile
Series OPOLE

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design incl. carrying handle
- **Dimensions HxWxD = 405x300x128mm**
- Switchgear up to 14 modules, behind transparent window
- Ready wired for use incl. cable and CEE plug
- **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			
			3	5	1xRCD 40A/4/0,03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	InA 16A RDF 1,0	**45460103**

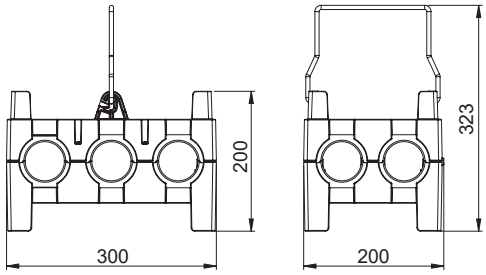
InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

Thermoplastic insulated distribution boxes – mobile
Series ISCHL

9130374

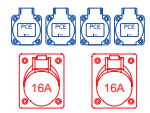
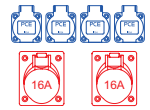
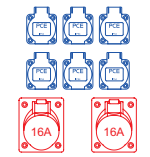
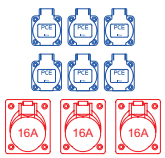
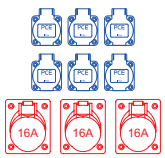
Series ISCHL

- **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**



9130008

Layout examples: (other combinations on request!)

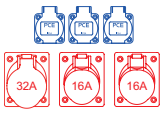
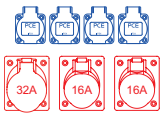
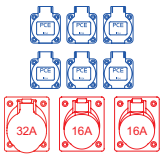
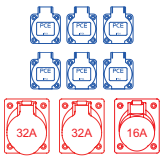
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4	1 x RCD 40A/4/0.03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	InA 16A RDF 0,7	**9130074**
			2	4	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-C	2m cable H07RN-F 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!)

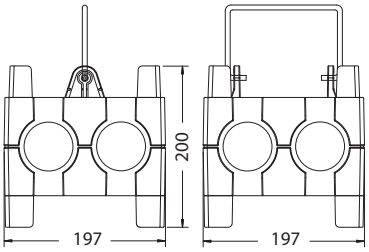
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	2	3	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with plug 32A 5p 400V	InA 32A RDF 0,5	**9130080**
		1	2	4	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,5	**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

Boxes are stackable:
space-saving storage

...available on stock!

9030014

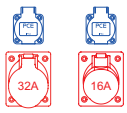
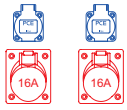
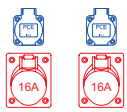
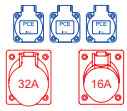
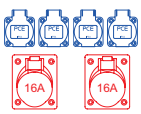
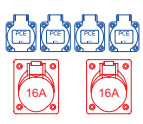


Series IMST

- **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**

9030129

Layout examples: (other combinations on request!)

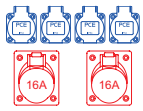
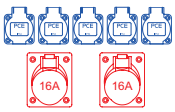
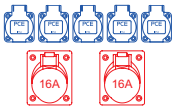
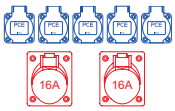
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	1	2	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,5	**9030614**
			2	2		2 x MCB 16A 3p-C 2 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,6	**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 0,6	**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	I_{nA} 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	I_{nA} 16A RDF 0,5	**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	I_{nA} 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	I_{nA} 16A RDF 0,5	**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	I_{nA} 16A RDF 0,7	**9030040**

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

...available on stock!

9030010

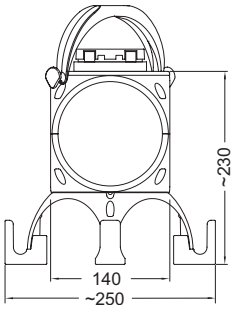
9030040

Boxes are stackable: space-saving storage

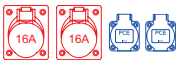
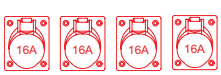
Thermoplastic insulated distribution boxes – mobile
Series PEGASUS

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 used 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**



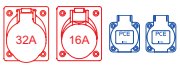
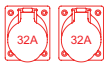
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		SS 250V	Protection		Connection	I_{nA} RDF	Cat.No.
	32A	16A	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 0,5	**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

Special color yellow

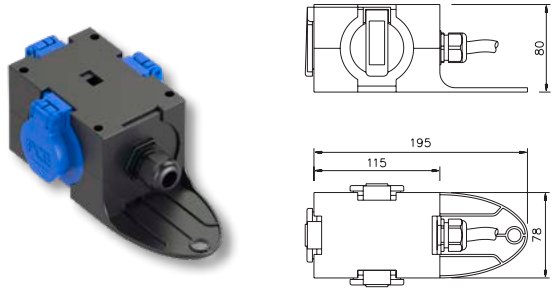
Compact distribution boxes
Series ST. ANTON

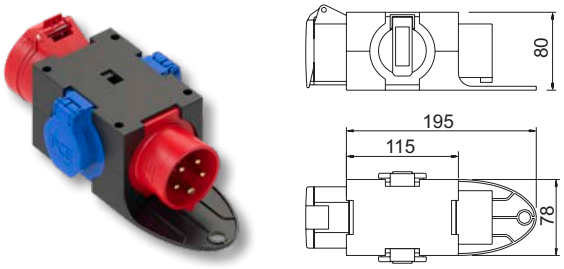
PCE compact distribution boxes are designed to be safe, reliable and easy-to-use.

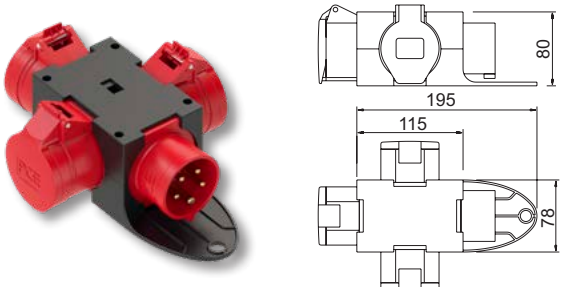
Every product has been manufactured to the highest quality standards (ISO 9001) and is available tailor made in size and equipment to your individual specification.

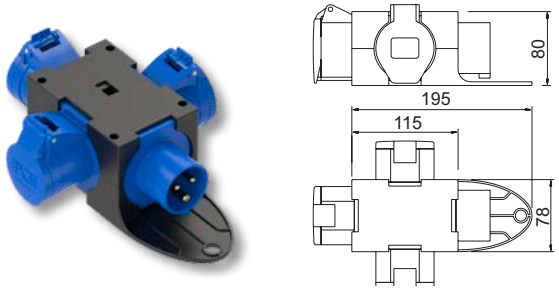
The wide variety of product features guarantees maximum flexibility in use.

- 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**

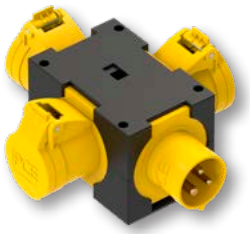
Symbolic picture	Entry	Outlet	Cat.No.
	1 x CEE-flanged plug 16A 5p 400V	1 x CEE-socket 16A 5p 400V 2 x safety sockets 16A 250V with self-closing lid	**9430402**
	1 x CEE-phase inverter flanged plug 16A 5p 400V		**9430452**
	1,5m H07RN-F 5G1,5 with CEE-plug 16A 5p 400V		**9430715**
	1,5m H07RN-F 5G1,5 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 sockets 16A 2p 42V	**9430350**

Symbolic picture	Entry	Outlet	Cat.No.
St. Anton 4f	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**

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

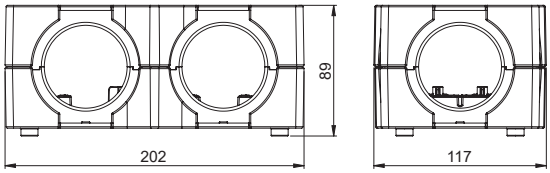
...available on stock!

Compact distribution boxes
Series ST. ANTON 6F

9439004

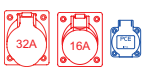
Series ST. ANTON 6F

- **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**



9439006

Layout examples: (other combinations on request!)

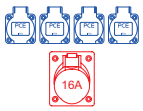
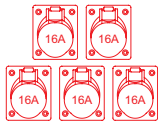
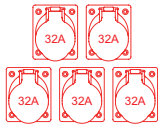
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,8	**9439002**
			1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with plug 32A 5p 400V	InA 32A RDF 0,8	**9439006**
			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 0,5	**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 0,5	**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 1,0	**9439001**
				3		1 x MCB 6A 1p-B	1,5m cable H07RN-F 3G2,5 with safety plug 16A 230V 1xUSB-charging socket with 2x USB Type A	InA 16A RDF 0,5	**9439061**

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

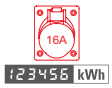
...available on stock!

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 1,0	**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!

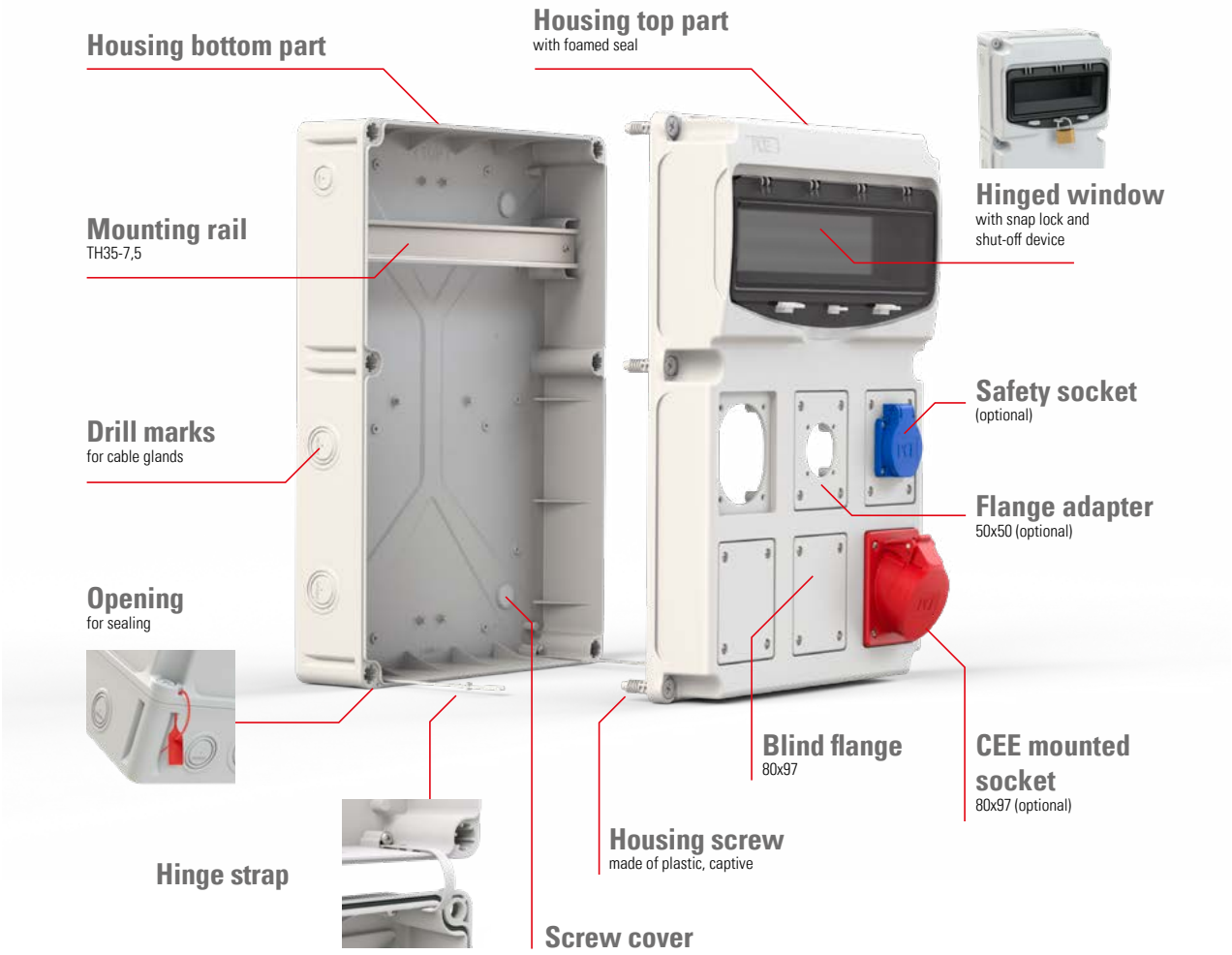
FLEX ENCLOSURE

FOR LOW-VOLTAGE SWITCHGEAR ASSEMBLIES

The series **FLEX** enclosures are suitable for low voltage switchgear combinations and designed for both indoor and outdoor applications. 3 different sizes are available as unequipped enclosures for self assembly - optionally with closed cover (blind) or prefabricated cut-outs for the installation of add-on sockets. The solid, high-quality ABS housing, which has been tested and certified according to IEC/EN 62208, has **IP66/67** protection and impact protection of **IK08** as well as numerous other positive features. Under the transparent hinged window there is also sufficient space for switchgear up to 16 modules.

All in all, this enclosure series offers maximum **FLEX**ibility for a wide range of applications.

Maximum **FLEX**ibility...



Thermoplastic insulated enclosure
Series FLEX

Features:

- High-quality thermoplastic material (ABS)
- window up to 6, 10 or 16 modules
- many combination possibilities of housings and sockets without mechanical processing
- numerous equipment (see from page 311)

FLEX 6-E

- **Dims: HxWxD = 471x160x132mm**
- bottom part of housing with mounted mounting rail for max. 6 modules
- closed top part of housing with mounted hinged window
- 2x hinge strap with screws
- 2x screw cover

15850600

pack.unit: 1

FLEX 6-S3

- **Dims: HxWxD = 471x160x132mm**
- bottom part of housing with mounted mounting rail for max. 6 modules
- closed top part of housing with mounted hinged window and 3 cut-outs for flanged sockets (80x97mm)
- 1x blind flange with seal
- 12x flange screws
- 2x hinge strap with screws
- 2x screw cover

15850603

pack.unit: 1

FLEX 10-E

- **Dims: HxWxD = 471x230x158mm**
- bottom part of housing with mounted mounting rail for max. 10 modules
- closed top part of housing with mounted hinged window
- 2x hinge strap with screws
- 4x screw cover

15851000

Pack.unit: 1

FLEX 10-S4

- **Dims: HxWxD = 471x230x158mm**
- bottom part of housing with mounted mounting rail for max. 10 modules
- closed top part of housing with mounted hinged window and 4 cut-outs for flanged sockets (80x97mm)
- 1x blind flange with seal
- 16x flange screws
- 2x hinge strap with screws
- 4x screw cover

15851004

pack.unit: 1

FLEX 16-E

- **Dims: HxWxD = 471x330x158mm**
- bottom part of housing with mounted mounting rail for max. 16 modules
- closed top part of housing with mounted hinged window
- 2x hinge strap with screws
- 4x screw cover

15851600

pack.unit: 1

FLEX 16-S6

- **Dims: HxWxD = 471x330x158mm**
- bottom part of housing with mounted mounting rail for max. 16 modules
- closed top part of housing with mounted hinged window and 6 cut-outs for flanged sockets (80x97mm)
- 1x blind flange with seal
- 24x flange screws
- 2x hinge strap with screws
- 4x screw cover

15851606

pack.unit: 1

Thermoplastic insulated enclosure
Series FLEX - Accessories

Blind flange

Set includes:
- 6x flange adapter 80x97- blind
- 6x flange seal

158500

Flange adapter 50x50

Set includes:
- 6x flange adapter 80x97 for 50x50mm safety sockets
- 6x flange seal
- Pan head screws for mounting of flanged sockets

158550

Handle

only for FLEX 10 and 16

Set includes:
- Handle
- Screws
- Cap nuts (isolated)

158502

Cover rail

- Cover rail blind
- for 6 modules

2119100

Universal rack

- only for FLEX 16-E and FLEX 16-S6
- powder coated RAL3000

598053

Mounting kit for universal rack

Set includes:
- Screws
- Cap nuts (isolated)

158503

Cable glands IP66/68

plastic, color light gray (RAL7035)
*incl. flat seal

size	thread length (mm)	cable-Ø (mm)	width across flats (mm)	pack. unit (MOQ)	Cat.No.
M20x1,5	9	6-12	24	100	**23201509141**
M25x1,5	15	13-18	33	50	**23251511181**
M32x1,5*	15	18-25	42	25	**23321511211**
M40x1,5*	18	22-32	53	10	**23401513321**

Blind screw fittings IP54

plastic, color light gray (RAL7035)

size	thread length (mm)			pack. unit (MOQ)	Cat.No.
M25x1,5	7			100	**2725151010**
M32x1,5	8			100	**273215101**
M40x1,5	9			100	**274015101**

Lock nut

brass nickel coated

size	height (mm)	width across flats (mm)		pack. unit (MOQ)	Cat.No.
M20x1,5	3	24		100	**262015009**
M25x1,5	3,5	29		100	**262515009**
M32x1,5	4	36		100	**263215009**
M40x1,5	4,5	46		50	**264015009**

Sealing ring

rubber black

size	height (mm)	Ø outside (mm)	Ø inside (mm)	pack. unit (MOQ)	Cat.No.
M20	1	23,5	18,2	100	**410814**
M25	1	29,5	23,2	50	**410808**
M32	1	36,5	30,2	25	**410810**
M40	1	45,5	38,2	10	**410811**

Pressure screw

plastic, color light gray (RAL7035)

size	thread length (mm)	width across flats (mm)	Ø inside (mm)	pack. unit (MOQ)	Cat.No.
M32x1,5	14,5	34	26	25	**0530**
M40x1,5	16	42	34	10	**0526**

P-NOVA PLUS+

Safety socket IP54

Flange 50x50mm

rear connection	pack. unit (MOQ)	Cat.No.
Austrian/German system	100	1050-0b
French/Belgian system	100	1040-0b
side connection		
Austrian/German system	100	1050-0bs
French/Belgian system	100	1040-0bs

S-NOVA®

Safety socket IP54

Flange 50x50mm

rear connection	pack. unit (MOQ)	Cat.No.
Austrian/German system	100	105-0b
French/Belgian system	100	104-0b
side connection		
Austrian/German system	100	105-0bs
French/Belgian system	100	104-0bs

12k452-0e

Data socket IP54

Flange 50x50mm

	pack. unit (MOQ)	Cat.No.
incl. 2x CAT 6_A RJ45 module	1	12k452-0e
Data socket with hinged lid (empty), 1x opening	1	11om-0e
Module CAT 6_A RJ45	1	093617
Module USB 2.0 A / USB 2.0 A	1	086317

CEE flanged socket sloping IP44/54

- with screw terminals
- brass contacts
- flange 80x97mm

		pack. unit (MOQ)	Cat.No.
230V~	16A 3-pole 6h	10	413-6f8
400V~	16A 4-pole 6h	10	414-6f8
400V~	16A 5-pole 6h	10	415-6
230V~	32A 3-pole 6h	10	423-6
400V~	32A 4-pole 6h	10	424-6
400V~	32A 5-pole 6h	10	425-6

CEE flanged socket sloping IP67

- with screw terminals
- brass contacts
- flange 80x97mm

		pack. unit (MOQ)	Cat.No.
230V~	16A 3-pole 6h	10	4132-6f8
400V~	16A 4-pole 6h	10	4142-6f8
400V~	16A 5-pole 6h	10	4152-6f78
230V~	32A 3-pole 6h	10	4232-6f78
400V~	32A 4-pole 6h	10	4242-6f78
400V~	32A 5-pole 6h	10	4252-6f78

Surface distribution boxes – enclosures
Series T-BOX

Surface distribution enclosure T-BOX 4

- **dimensions HxWxD = 231x166x113mm**
- material: ABS, color: grey (similar RAL7035)
- housing bottom with mounted DIN-rail (type TH35x7,5) for max. 4 modules (1x4 units)
- housing top with transparent window (PC tinted)
- protection rating: IP65

15191004
pack.unit: 1

Surface distribution enclosure T-BOX 8

- **dimensions HxWxD = 231x238x118mm**
- material: ABS, color: grey (similar RAL7035)
- housing bottom with mounted DIN-rail (type TH35x7,5) for max. 8 modules (1x8 units)
- housing top with transparent window (PC tinted)
- protection rating: IP65

15191008
pack.unit: 1

Surface distribution enclosure T-BOX 12

- **dimensions HxWxD = 246x310x148mm**
- material: ABS, color: grey (similar RAL7035)
- housing bottom with mounted DIN-rail (type TH35x7,5) for max. 12 modules (1x12 units)
- housing top with transparent window (PC tinted)
- protection rating: IP65

15191012
pack.unit: 1

Surface distribution enclosure T-BOX 24

- **dimensions HxWxD = 436x310x148mm**
- material: ABS, color: grey (similar RAL7035)
- housing bottom with mounted DIN-rail (type TH35x7,5) for max. 24 modules (2x12 units)
- housing top with transparent window (PC tinted)
- protection rating: IP65

15191024
pack.unit: 1

Surface distribution enclosure T-BOX 36

- **dimensions HxWxD = 586x310x148mm**
- material: ABS, color: grey (similar RAL7035)
- housing bottom with mounted DIN-rail (type TH35x7,5) for max. 36 modules (3x12 units)
- housing top with transparent window (PC tinted)
- protection rating: IP65

15191036
pack.unit: 1

PCE
PCE

DISTRIBUTION BOXES WITH SUSPENSION HOOK

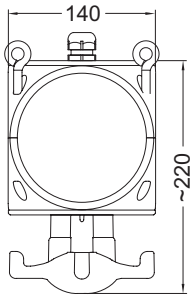
MADE OF THERMOPLASTIC AND SOLID RUBBER

		Page
	Pegasus Dimensions: HxWxD = 220x140x140mm	**316**
	Lofer7 Kombi Dimensions: HxWxD = 225x204x284	**318**
	Freistadt Dimensions: HxWxD = 129x129x120mm	**319**

Thermoplastic insulated distribution boxes – with suspension hook Series PEGASUS

Series PEGASUS

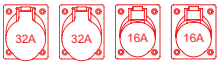
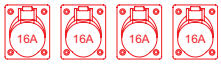
- Handy, robust and compact distribution box made of shock-resistant polyamide
- **Dimensions: HxWxD = 220x140x140 mm**
- With 4 ring bolts for ceiling fastening
- Maximum rated current of 32A
- Max. 6 mounting surfaces
- 4 modules under window
- Ready wired for connection
- Housing colors: red (standard), yellow (special version)
- With ergonomic anchor handle on the bottom of the housing
- **IP44** splashproof



with protection:
1 x MCB 16A 3p-C
1 x MCB 16A 1p-C

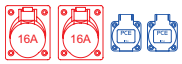
9033031

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		SS 250V	without protection		Connection	I_{nA} 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 CAT6 RJ45 double and mounting set order separate	max. 16A	**9033550** + 12k452-0e 9033-CATmont
			3			1 x M20 (ø10-14mm) top 1 x M16 (ø5-10mm) top 1 x VC-terminal 3p CAT6 RJ45 double and mounting set order separate	max. 16A	**9033551** + 12k452-0e 9033-CATmont

VS = backup fuse

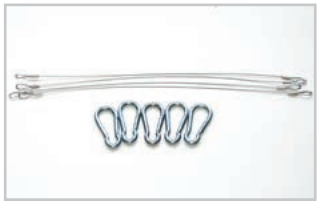
...available on stock!

Layout	CEE 400V 5p		SS 250V	with protection		Connection	I_{nA} 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	I_{nA} 32A RDF 0,5	**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	I_{nA} 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	I_{nA} 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	I_{nA} 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	I_{nA} 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	I_{nA} 16A RDF 0,8	**9033053**
			3		1 x MCB 6A 1p-B	1 x M20 (ø10-14mm) top 1 x VC-terminal 3p 1 x USB-charging socket with 2x USB Type A	I_{nA} 16A RDF 0,8	**9033547**
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**

Data socket (yellow):
with lid
2 x CAT 6_A RJ45 module
tool free cable installation
(to be ordered seperate)

9033012

with compressed air: 9033073



Accessories for suspended version:
- Pegasus suspension kit (4x)
- L=300mm

9033-1

InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

Hanging distribution box - plastic
LOFER7 Kombi

Series LOFER7 Kombi

- Hanging distribution box made with 2x enclosures LOFER7
  Back to back mounting on stainless steel plate
- Housing material made of robust PC/ABS
- **Dimensions: HxWxD = 225x204x284 mm**
- Windows for up to max. 2x9 modules (18 modules)
- Ready wired on main terminal 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	VS RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
	1	1	4	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 32A 3p-C 1 x MCB 16A 3p-C 4 x MCB 16A 1p-C	1 x M32 (ø18-25mm) top 1 x VC-terminal 5p	max.40A RDF 0,5	**90992339**
		2	4	1 x RCD 63A/4/0.03A (TYPE A 40AT)	2 x MCB 16A 3p-C 4 x MCB 16A 1p-C	1 x M32 (ø18-25mm) top 1 x VC-terminal 5p	max.40A RDF 0,6	**90992341**
distribution boxes with compressed air								
	1	1	4	1 x RCD 63A/4/0.03A (TYPE A 63AT)	1 x MCB 16A 3p-C 4 x MCB 16A 1p-C	1 x M32 (ø18-25mm) top 1 x VC-terminal 5p	max.32A RDF 0,4	**90992342**

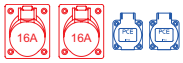
VS = backup fuse; InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

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	VS	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**

VS = backup fuse; InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

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): 165x85x1200mm

- 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)

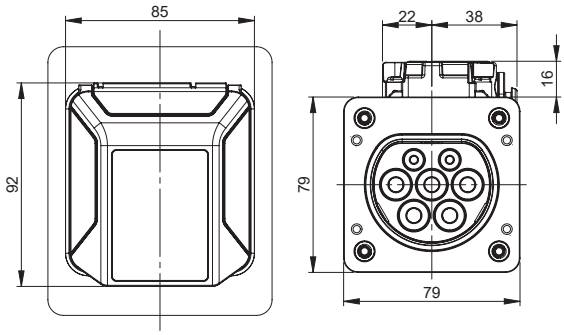
Series	Layout	SS 250V	Protection		Connection	I_{nA} RDF	Cat.No.
		16A	RCD	MCB			
MURAU		2	2x RCBO 6A 1p+N 30mA C TYP A		1 x M20 (top) 1 x M20 (blind cap) bottom	I_{nA} 16A RDF 0,8	**9013024**
ANIF4		3	3x RCBO 6A 1p+N 30mA C TYP A		1 x M20 (top) 1 x M20 (blind cap) bottom	I_{nA} 16A RDF 0,7	**9134248**
PILA		3	3x RCBO 6A 1p+N 30mA C TYP A		1 x M25 (ø13-18mm) bottom	I_{nA} 16A RDF 0,8	**9081330**

■ Flanged socket Type2 for charging electric vehicles accord. IEC/EN 62196

- DESIGN..... clear, modern design
- ERGONOMICS.. easy operation (one-hand)
- QUALITY..... high quality materials, glass fiber reinforced lid
- SERVICE ..... all parts can be easily replaced
- ASSEMBLY..... various mounting options (front or rear panel mounting, different actuator positions)

IP-rating **IP44/54**
ÖVE, VDE certified

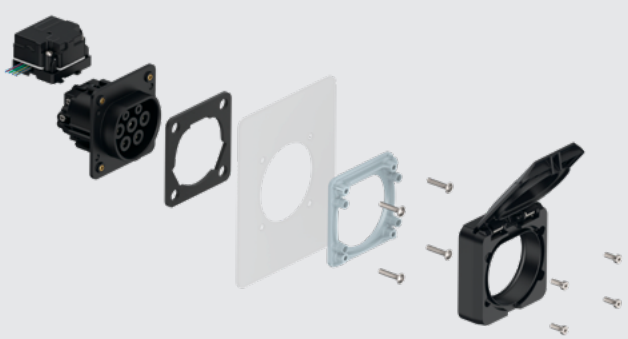
Scope of delivery:
- Flanged socket Type2
- Frame with self-closing lid
- Actuator (incl. cable)
- Mounting frame
- Flange seal
- Mounting screws



Technical data: (for further details: www.pcelectric.at)	
Charging power	22 kW AC 3~
Rated current In_A	32A
Rated voltage U_N	480V AC
Cable cross section L1-L3, N, PE	2,5- 6,0 mm²
Cable cross section CP, PP	0,5 mm²
Actuator connection cable length	500 mm

	Cat.No.
Front panel mounting	**e325-f**
Rear panel mounting	**e325-r**

Front panel mounting



Rear panel mounting

The very **simple**

WALLBOX EV11

Plug – Charge – Done!

Reduced to the essentials, the **WALLBOX EV11** guarantees uncomplicated and safe charging of electric vehicles up to **11kW** charging power. The charging process starts automatically after plugging in the electric vehicle (no authorization required).

Sounds simple - and it is!

Easy to use

The cost-effective **WALLBOX EV11** has been consciously designed without extensive additional features. It is robust and compact in dimensions, perfect in every way for convenient charging and ideally suited for uncomplicated use in private areas as well as in company parking lots. The clearly visible LED indicator provides information of charging status. Due to the functional shape of the housing, the permanently connected cable can be hung directly over the **WALLBOX EV11**. Thus, the cable is quickly and conveniently stowed, immediately ready for use and a separate cable suspension is not required.

Maximum safety

The **WALLBOX EV11** focuses on high safety and complies with the IEC 61439-7 and EN 61851-1 standards. Only a type A residual current circuit breaker is required for the professional connection of the charging station. With a built-in DC fault current detection (6mA=), installation by a qualified electrician is also very easy in existing electrical systems. All components are housed in a sturdy weatherproof plastic enclosure. On top of this is a cover made of powder-coated sheet metal. The **WALLBOX EV11** is suitable for wall and stand mounting indoors and outdoors.

Cat.No.
370100

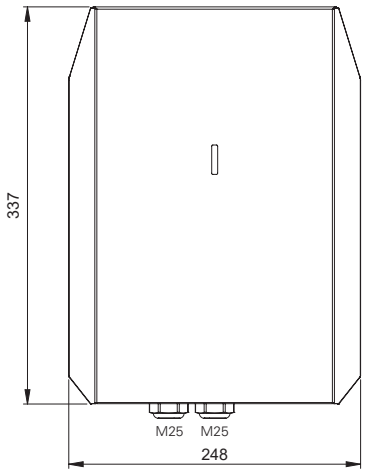
WALLBOX EV11

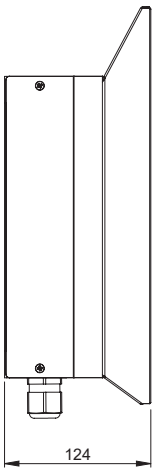
Charging station with Type 2 charging coupler

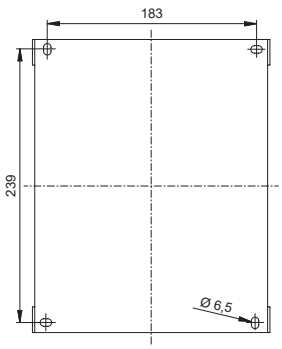
Current type AC 3-phase (AC 1-phase)
Charging power 11 kW (3,7kW 1-phase)
Charging mode 3

Dimensions (WxDxH): 248 x 124 x 337mm

- **weatherproof, robust housing**
  (IP44) suitable for outdoor use
- **up to 11kW charging power**
- **integrated charging cable 5m**
  charging coupler Type 2 with protective cap
- **integrated DC fault current sensor**
- **LED indicator**



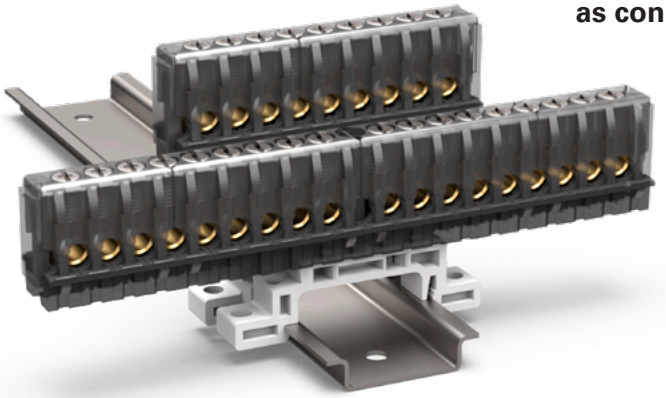


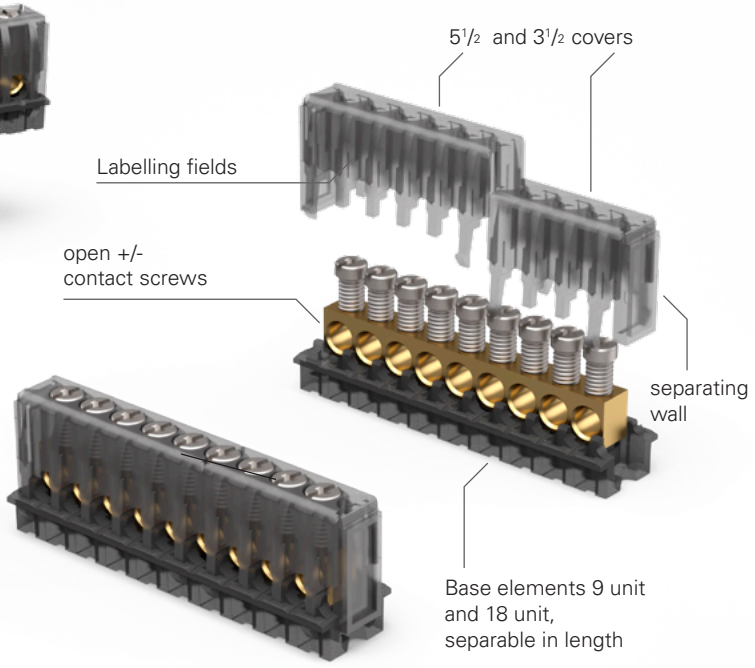


drilling dimensions mounting plate

Vario Connector – variable connector block

For use in distribution boxes and cabinets, applicable as connecting terminal and intermediate terminal.



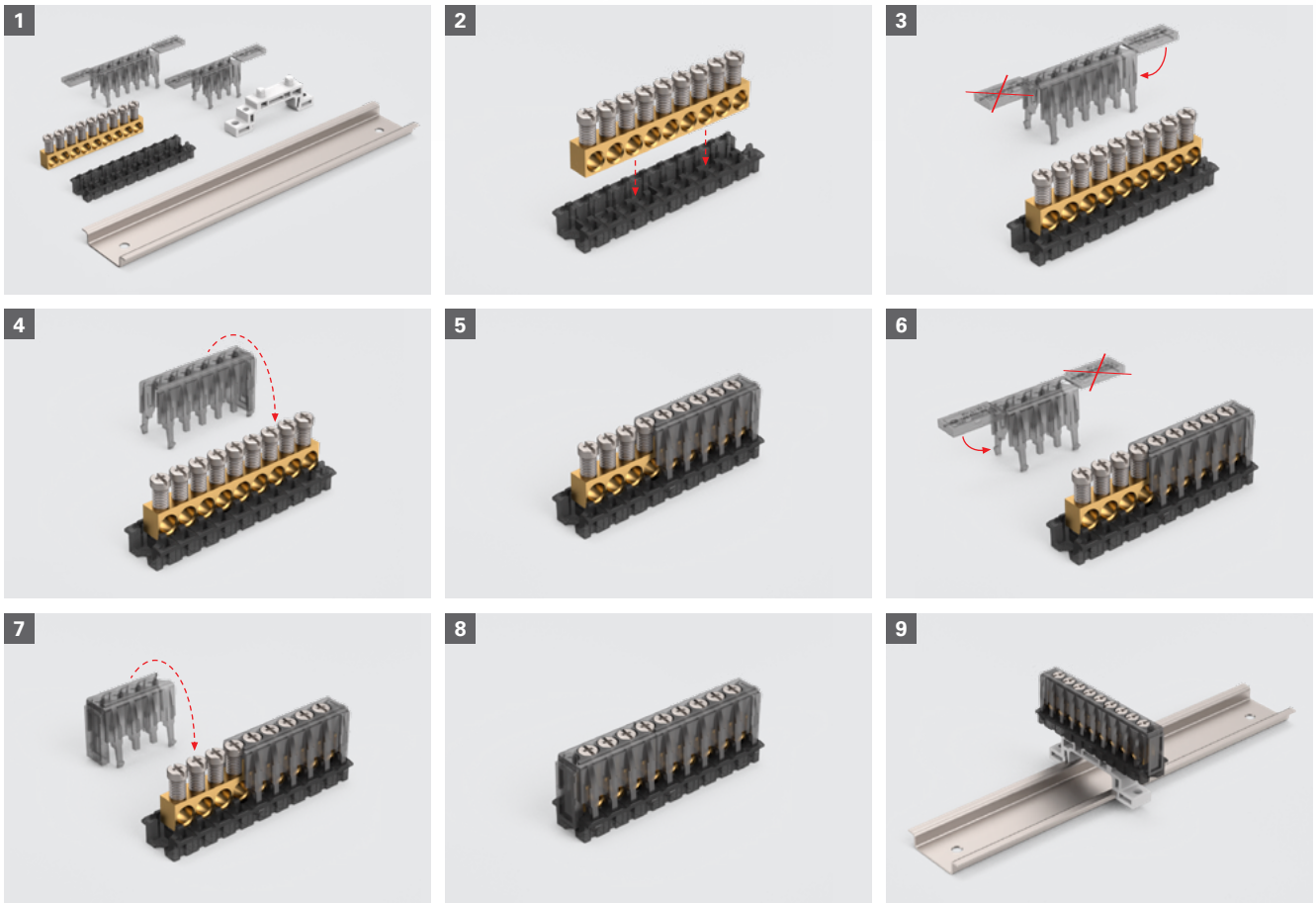


Advantages:

- 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

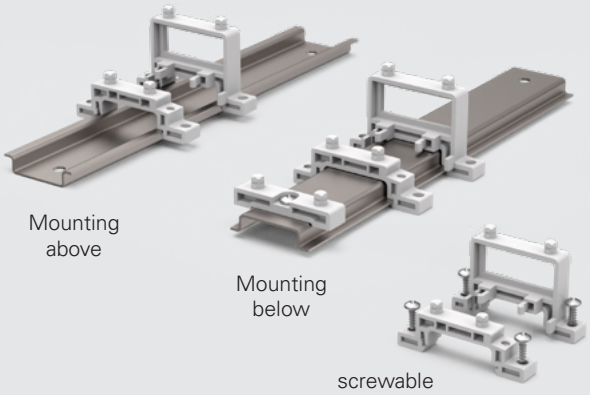
ÖVE

Vario Connector - Beispiel with basis 9:

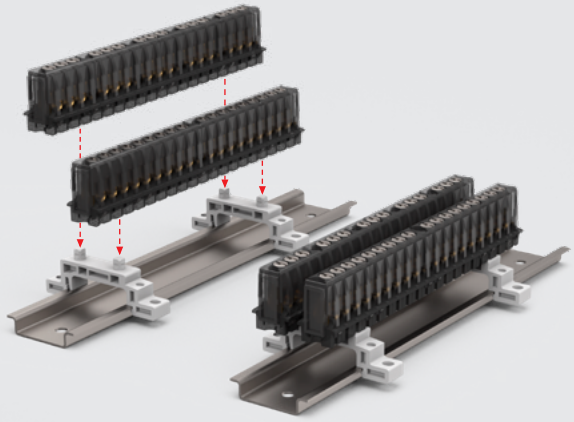


Vario Connector – mounting possibilities

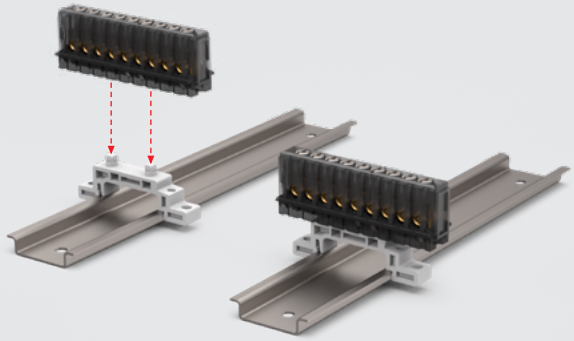
Receptors for DIN-rail 35mm



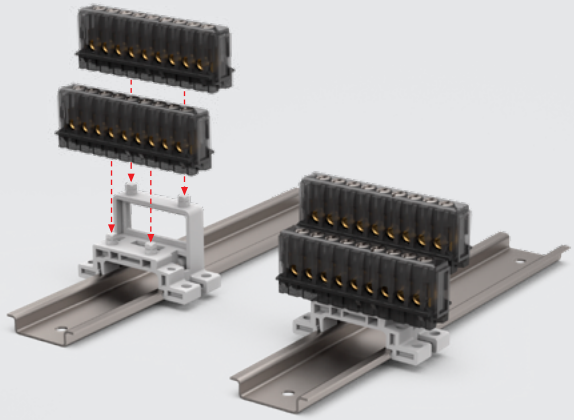
Length-wise assembly on DIN-rail 35mm



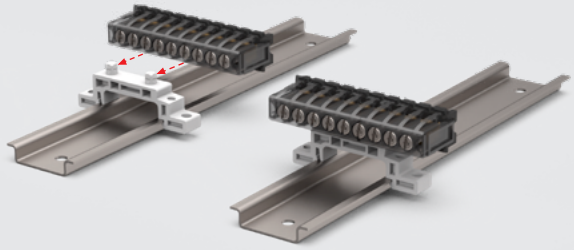
Cross-wise assembly on DIN-rail 35mm



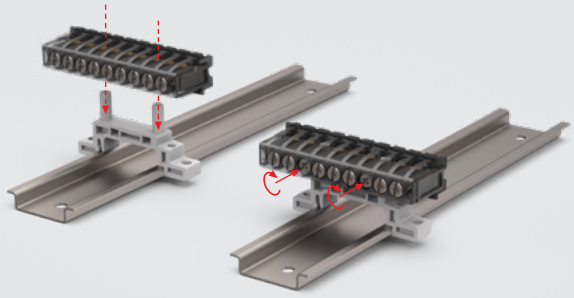
Cross-wise assembly - 2nd row raised



Horizontal mounting - plugged



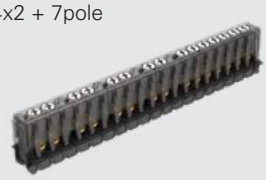
Horizontal mounting - screwed



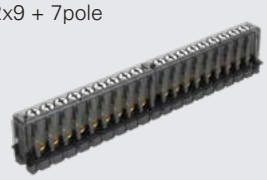
Vario Connector examples of application:

3x3 + 7pole

4x2 + 7pole



2x9 + 7pole



9pole

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

Bar Rail
packaging unit: 20

Terminal VC Bar Rail 2p
171402-20

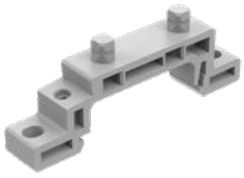
Terminal VC Bar Rail 3p
171403-20

Terminal VC Bar Rail 6p
171406-20

Terminal VC Bar Rail 9p
171409-20

Holder
packaging unit: 50

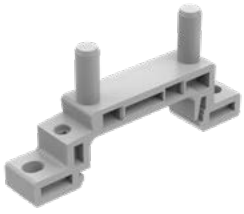
Terminal VC Holder Snap 7
667307-50



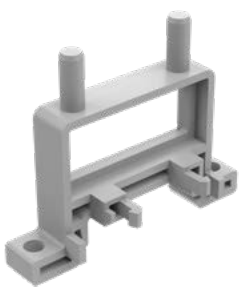
Terminal VC Holder Snap 16
667316-50
(screw 3,0x10) for DIN-rail fixing **201803-1000**

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

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 3x3p
667119-3/3

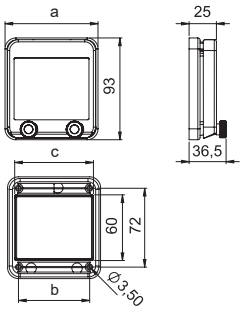
Terminal VC complete 5x2p
667119-5/2

Terminal VC complete 5x3p
667119-5/3

Hinged windows – fuse window IP66/67

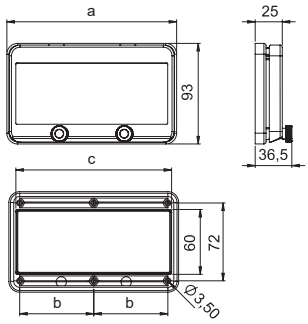
Technical characteristics:

- 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
- IP66/67 watertight



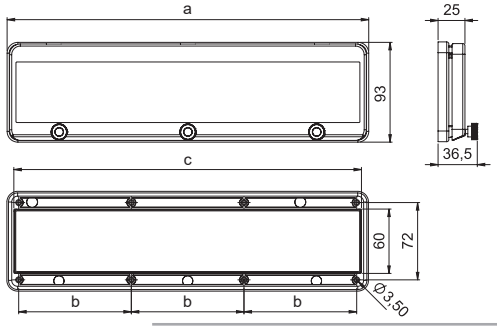
Hinged window 2 / 4 modules

	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**

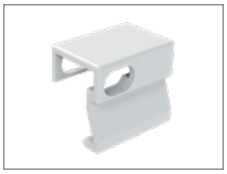


Hinged window 18 modules

	a [mm]	b [mm]	c [mm]	Weight [g]	pack.unit	Cat.No.
18 Modules	337	105	324	245	12	**900618**

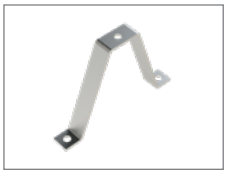
Accessories for IP66/67:

Locking- and lead-sealing device with padlock (40 mm)



ts9000g

Mounting clamp for DIN-rail H=53 mm



19892

Hinged windows – fuse window IP54

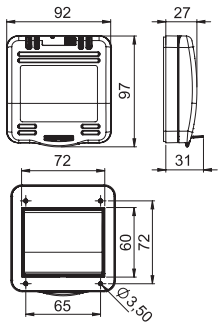
Technical data:

- 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
- Protection degree IP54 in vertical position
- Protection degree IP44 in horizontal position

window handle **ti0207**

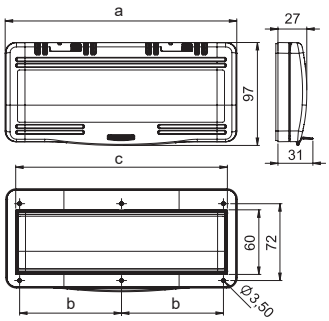
Hinged window 4 modules

	Weight [g]	pack.unit	Cat.No.
4 Modules	97	30	**9006504**



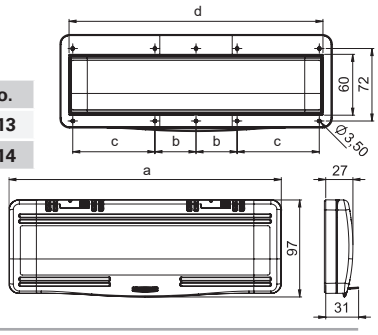
Hinged window 6 / 7 / 8 / 9 / 10 / 11 / 12 modules

	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**



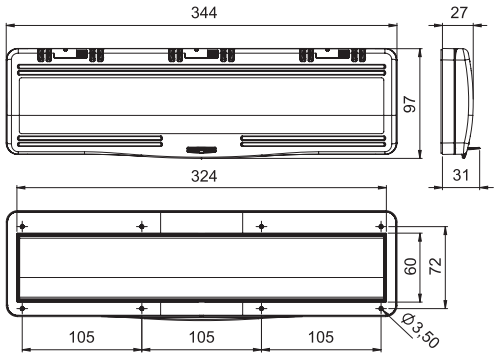
Hinged window 13 / 14 modules

	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**



Delivery: incl. window holder (standard colour: black)
Also possible to order separately

ti0007s

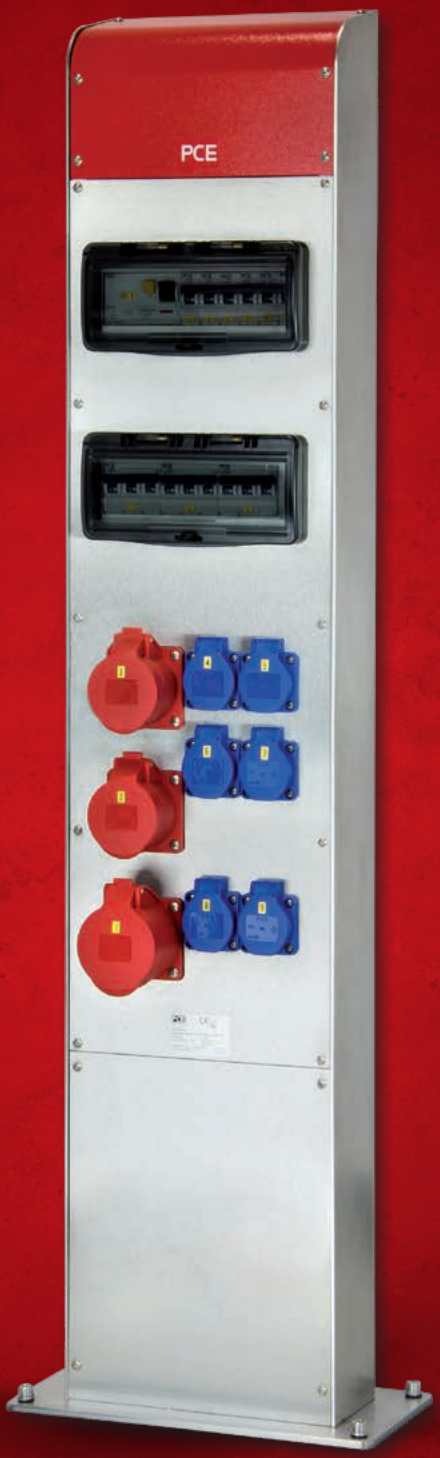
Examples of use for window holder:

for fit-up aid

receptacle- padlock

window holder for service works 90°

window holder for service works 180°


PCE

ENERGY PILLARS MADE OF METAL

		Page
	Energy pillars Series PILA	**332**
	MOSER Systemelektrik Garden- and gate intercom columns, office connection technology, industrial supply columns	**336**
	Stainless steel distributors Surface-mounted, flush-mounted	**340**
	Energy bollards Typ E III, Typ E VI	**341**
	Underground connection TerraMo, Series SE, Series SEK	**342**

PILA[1] 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

EPS ENCLOSURE PROTECTION SYSTEM 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.

PILA 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
- Colour: 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)

EPS ENCLOSURE PROTECTION SYSTEM
IP54

Height: H= 1200mm

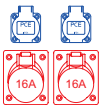
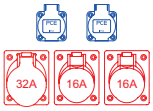
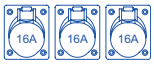
9081001 | 9081002 | 9081003 | 9081330 e-Bike Dockingstation

Height: H= 750mm

9081802

9081001

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		CEE 230V 3p	SS 250V	Protection		Connection	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	InA 16A RDF 0,8	**9081003**
				3	3 x RCBO 6A 1p+N 30mA C TYPE A		e-Bike Dockingstation 3 x green sockets 1 x M25 (ø13-18mm) bottom	InA 16A RDF 0,8	**9081330**
		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

PILA 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):

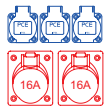
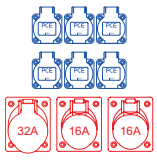
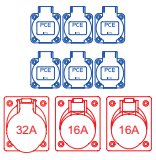
- Rubber distribution box
- Ready wired on main terminal
- Fuse window self closing
- ⧈ protection class II
- Ingress protection: IP54 (others in request)

EPS ENCLOSURE PROTECTION SYSTEM
IP54

Height: H= 1200mm

9082003 version: stainless steel V2A

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

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, compromising 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, colour: aluminium profile, silver anodized (RAL colours upon request)

Examples:	Cat.No.
MS10, 100x50x300, IP44, unequipped, incl. stand	**50300027**
MS10, 100x50x500, IP44, unequipped, incl. 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, colour: aluminium profile, silver anodized (RAL colours upon request)

Examples:	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, colour: aluminium profile, silver anodized (RAL colours upon request)

Examples:	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/colour: aluminium profile/silver anodized (or RAL colours upon request)

Examples:	Cat.No.
MSR20, Ø200x1400, IP44, unequipped, incl. stand	**51400254**
MSR20, Ø200x1400, IP44, unequipped, incl. stand and LED lid	**61400255**

For detailed technical data and possibilities please contact the PCE sales team!

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-flitted base plate, profiled side panels, screw-on cover, separating rail including a C-rail and a top hat rail for mounting terminals and strain relief, 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

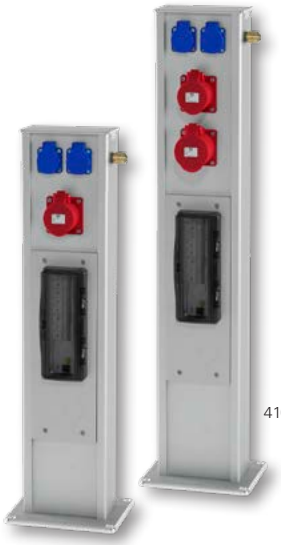
MS18 connection column for industry for vertical connection technology comprising closed aluminium profile with cover and equipotential bonding with protective-conductor terminal. Prepared for distributor, circuit-breaker and built-in devices.
The MS18 connection column for industry can be mounted directly 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, 1xCEE 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, 1xCEE 16A 5p 400V protected with 1xMCB 16A 3p C, 1xCEE 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 one 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 boreholes 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
Colour: 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!)

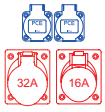
Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	4	1 x RCD 40A/4/0.03A (TYP A 40AT)	1 x MCB 16A 3p C 4 x MCB 16A 1p C	cable cross-section 2,5-40mm² WxHxD 400x530x220mm	max.40A	**620000000**

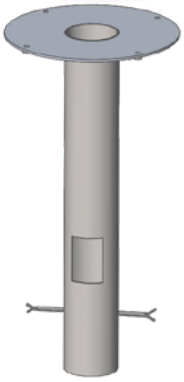
Flush-mounted distributor

- 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

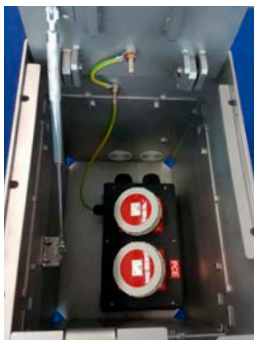
Housing dimensions (LxWxD):	200x200x400mm
Lid dimensions (LxW):	190x190mm

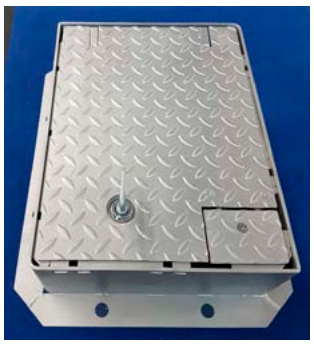
Underground connection with lid SEK30

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

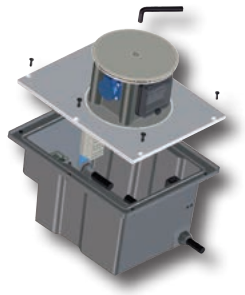




Rectractable connection technology

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 (H x W x D):	303 x 390 x 310 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

Please ask for detailed technical documentation and individual equipment!

XREEL
www.XREEL.eu
PCE MAXI LED
PCE

LED WORK LIGHTS / CABLE REELS

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Mobile work lights

3800 Lumen

PCE mini LED

Power/Voltage:	30W / 220-240V~ (50-60Hz)
Lightning current:	3800 lm / luminous color 4000 Kelvin
Dimensions:	(HxWxD): 410 x 213 x 145mm
Cable:	5m H07RN-F 3G1,5 with safety plug
Housing / color:	2-component plastic/rubber, red-black
IP rating :	**IP54** IK08

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

4600 Lumen

PCE standard LED

Power/Voltage:	50W / 220-240V~ (50-60Hz)
Lightning current:	4600 lm / luminous color 4000 Kelvin
Dimensions:	(HxWxD): 440 x 285 x 135mm
Cable:	5m H07RN-F 3G1,5 with safety plug
Housing / color:	2-component plastic/rubber, red-black
IP-rating:	**IP54** IK08

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

7270 Lumen

PCE maxi LED

Power/Voltage:	75W / 220-240V~ (50-60Hz)
Lightning current:	7270 lm / luminous color 4000 Kelvin
Dimensions:	(HxWxD): 505 x 378 x 165mm
Cable:	5m H07RN-F 3G1,5 with safety plug
Housing / color:	2-component plastic/rubber, red-black
IP-rating:	**IP54** IK08

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

Accessories for mobile work lights

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

4304019

Example of use:
Tripod adapter quadruple with 4x PCE maxi LED, lightning current = 4 x 7270 Lumen

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 weels

Identical to Cat.No. 70015 but incl.
3 rotatable, removable wheels
(Ø50mm, one wheel with stop function)

70019

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

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

IP54

740010

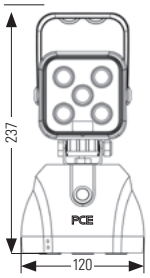
Inclusive accessories:

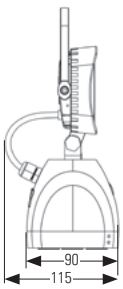
Charging adapter:
IN: 100-240V AC 50/60 Hz
OUT: 5V / 1000mA (USB)

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:	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

Inclusive accessories:

Charger
230 VAC, 50/60 Hz

Car charger
12–24V DC

XREEL®

The better **cable reel**.

Top carrying comfort
ergonomic handle

Central panel
different versions available

Safety
thermal circuit breaker, operating display (optional)

Water drainage
openings in the drum

Stable crank
perfect handling

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

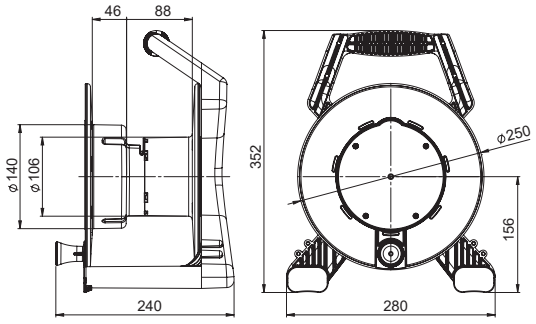
Appealing design
modern geometry

Brake system
centric placed in spindle

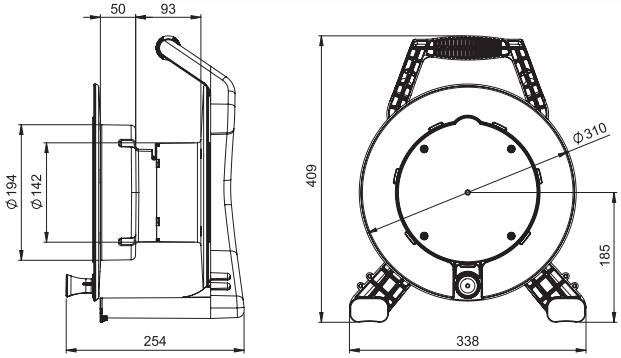
Plug parking spaces
for safe storage of the plug

Reliable stand
due to wide supporting points

XREEL® 250



XREEL® 310



IP20

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 sheated cable Cable color black ■	25m	**9250005-p**
H05VV-F 3G1,5 PVC-sheated cable Cable color black ■	25m	**9250002-p**

IP54

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 sheated cable - cable color black ■	
	3G1,5	**3G2,5**
25m	**9250006-p**	**–**
25m	**9250007-p***	**–**
33m	**9250024-p**	**–**

Cable length	**H05VV-F** PVC-sheated cable - cable color black ■	
	3G1,5	**3G2,5**
25m	**9250004-p**	**–**
33m	**9250023-p**	**–**

Cable length	**H07RN-F** rubber sheated cable - cable color black ■	
	3G1,5	**3G2,5**
25m	**9250013-p**	**9250029-p**
25m	**–**	**9250025-p***

Cable type N07V3V3-F can only be used in Austria on building sites. (National regulations have to be observed!)

Cable length	**N07V3V3-F** PVE building site cable K35 - cable color yellow ■	
	3G1,5	**3G2,5**
25m	**9250156-p**	**9250016-p**

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**

Equipment samples: (other versions on request)

*French/Belgian system with shutter

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 sheated 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	–

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 sheated 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 sheated 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 sheated cable Cable color black ◆	20m	9250035-p

Equipment samples: (other versions on request)

*French/Belgian system with shutter

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**

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 sheated cable - Cable color black ◇K2◇ ■	
	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 ◇K2◇ ■	
	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

IP54

Cable type	Cable length	Cat.No.
H07RN-F 5G2,5 rubber sheated 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

IP54

Cable type	Cable length	Cat.No.
H07RN-F 5G2,5 rubber sheated 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**

IP68

Cable type	Cable length	Cat.No.
H07RN-F 3G2,5 rubber sheated 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!)

Equipment samples: (other versions on request)

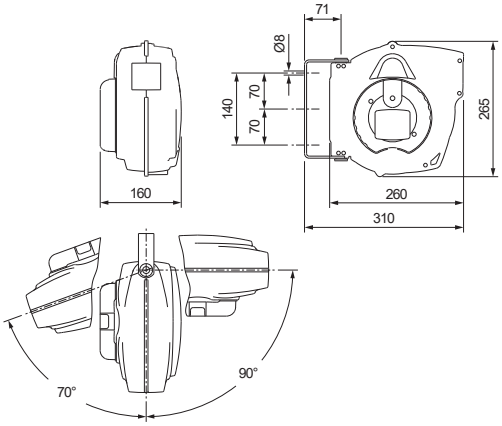
Cable rewinder / hose rewinder

Cable rewinder 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 (housing):	IP24
weight:	3,8 kg

42170

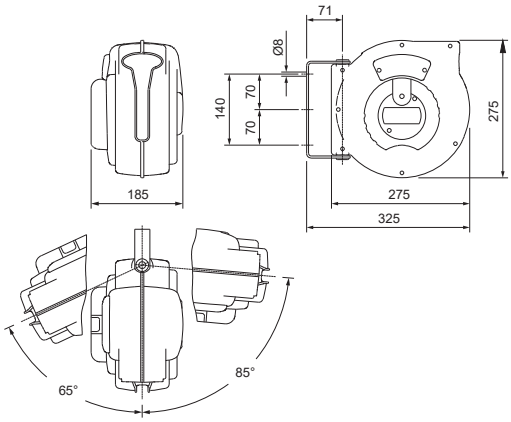


Cable rewinder MASTER 230

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 (housing):	IP20
weight:	4,0 kg

42174

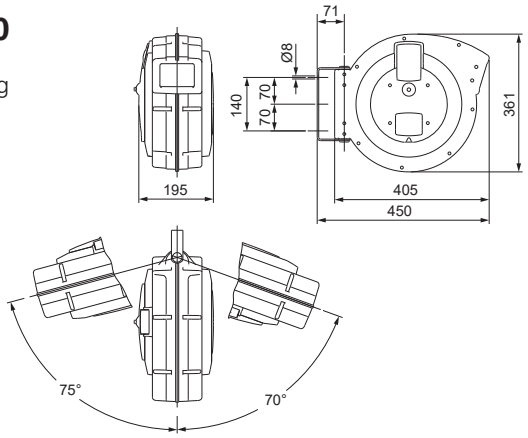


Cable rewinder MAJOR PLUS 400

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 (housing):	IP24
weight:	5,6 kg

42285

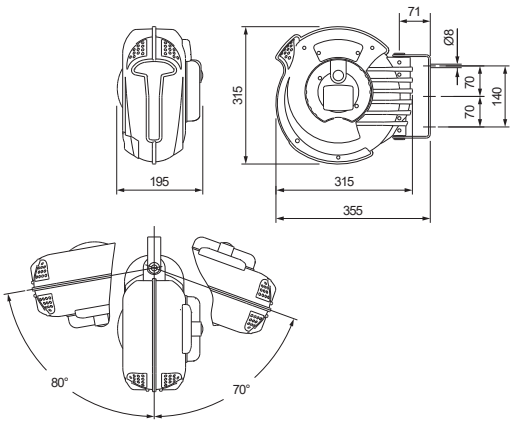


Hose rewinder AIR MASTER

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

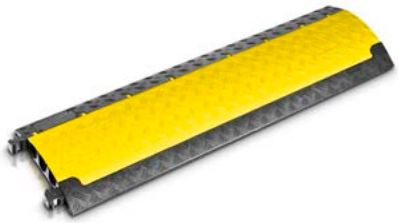
- Extension cable 25m with GRIP CEE plug and CEE connector (nickel-plated contacts)
- IP-rating **IP44/54**

Cable length	Cable type	Plug/Connector	Cat.No.
25m	**H07RN-F** rubber sheated cable **5G2,5**	16A 5p 400V	**825525114v**
25m	**H07RN-F** rubber sheated cable **5G6**	32A 5p 400V	**825506214v**

...available on stock!

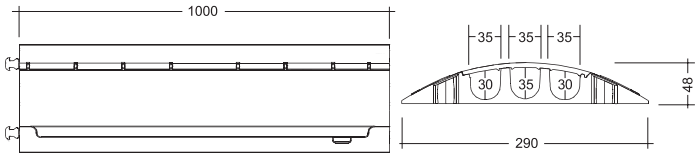
Cable protector bridge DEFENDER Mini

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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