

EN

PCE

Connection  
to the future



**Industrial Plugs and Sockets**

**2024/25**

MADE IN AUSTRIA





























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

**PCE**

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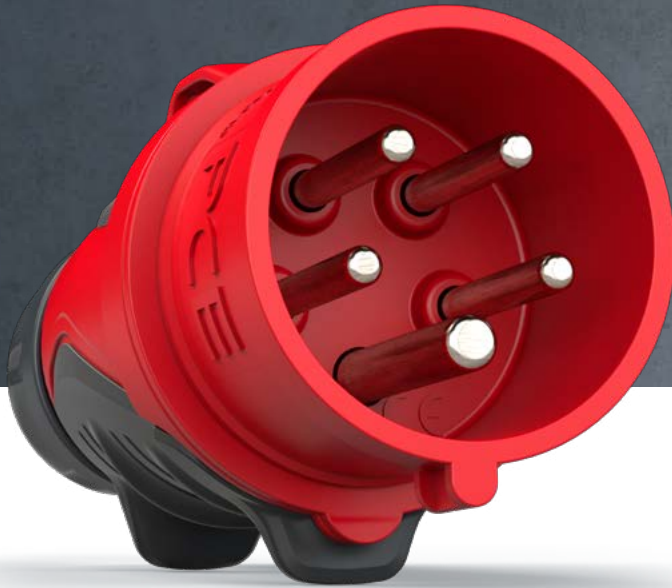
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# PC Electric GesmbH

>1000  
EMPLOYEES  
throughout the PCE Group

>24  
MILLION  
plugs and sockets per year



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 the first production of CEE plugs and sockets 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!

>80%

EXPORT RATE

to more than 100 countries worldwide

**PCE**  
GROUP



**MERZ GmbH**

Gaildorf (DE)

- Assemblies for construction sites
- Event distributors
- Underfloor distributors



*Switch to Quality!*



**MERZ Schaltgeräte GMBH + CO KG**

Gaildorf (DE)

- Cam switches
- Disconnect switches
- DC-switches



**PCE Polska Sp. z o.o.**

Dzierżoniów (PL)

- Industrial plugs and sockets
- Distribution boxes
- Cable reels



**PC Electric GesmbH**

St. Martin (AT)

- Industrial plugs and sockets
- Distribution boxes
- Protection devices
- eMobility charging infrastructure



**SÄLZER Electric GmbH**

Rochlitz (DE)

- Disconnect switches
- Rotary cam switches



**Brandt GmbH**

Inzersdorf (AT)

- Tool and mould making



**PCE Lanka Limited**

Colombo (Sri Lanka)

- Production / Sales



**MOSER Systemelektrik GmbH**

Gaildorf (DE)

- Connection columns
- Underfloor systems, retractable supply posts
- Stainless steel distributors



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to the future

## QUALITY MANAGEMENT

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

## RESEARCH & DEVELOPMENT

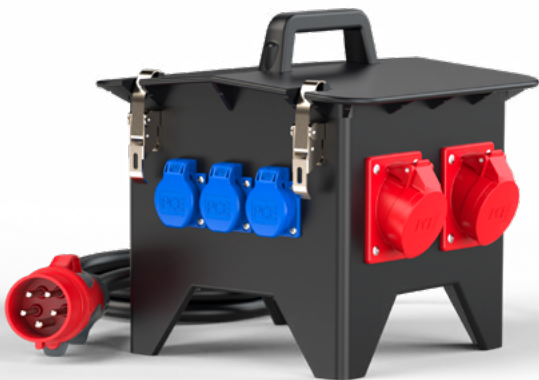
- Cost-effective and innovative manufacturing
- Numerous patent applications

## 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 (380kWp 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!

## 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:

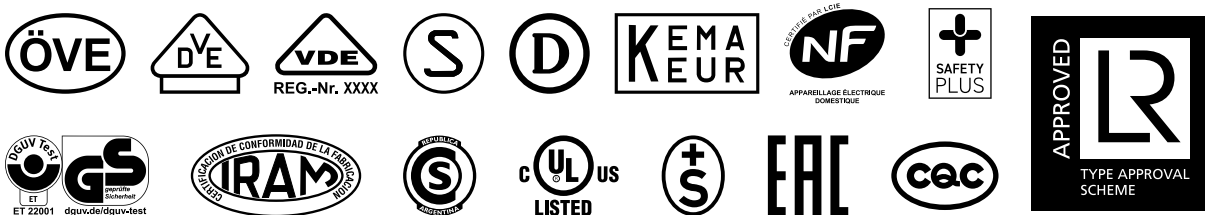
**RoHS DIRECTIVE 2011/65/EU** OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of June 8<sup>th</sup> 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

**EMC DIRECTIVE 2014/30/EU** OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of February 26<sup>th</sup> 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 26<sup>th</sup> 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, IEC 60309-2 and IEC 60309-4** equivalent to the **European Norms EN IEC 60309-1, EN IEC 60309-2 and EN IEC 60309-4**.

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

## ■ CENELEC

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

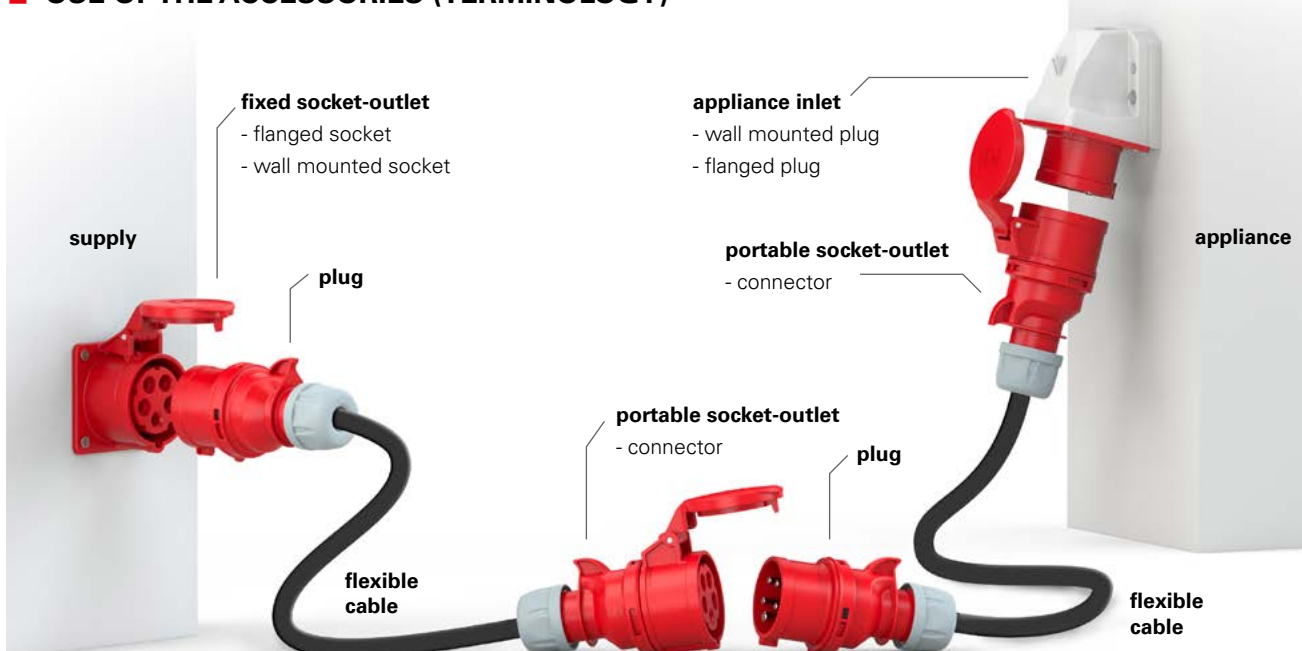
## ■ SYSTEM

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

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

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

## ■ USE OF THE ACCESSORIES (TERMINOLOGY)



# Information

## PILOT CONTACT

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

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

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

## PCS (PILOT CONTACT SYSTEM)

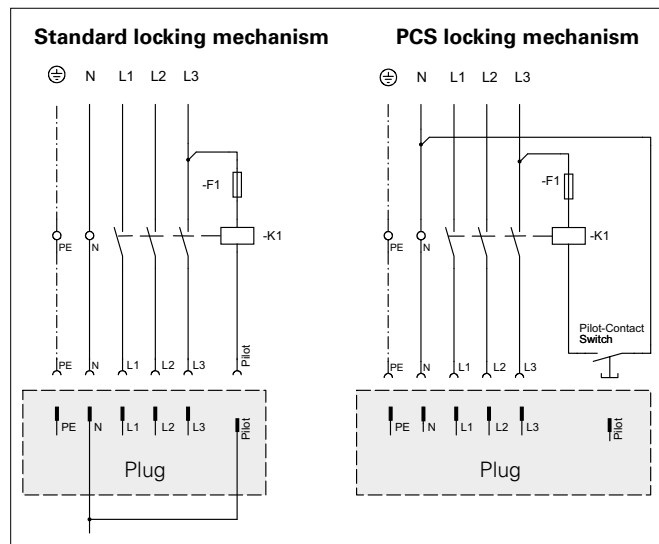
The PCS is a built-in auxiliary contact, used only for 63A and 125A connectors and socket-outlets, for protective electrical interlocking or for additional control purposes, with isolated connection in the socket-outlet. CEE connectors and sockets have longer phase contacts and guarantee no finger protection;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

The PCS provides the following advantages:

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

Technical datas:

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



## TERMINAL CROSS-SECTION, DISMANTLING AND STRIPPING LENGTH

Recommended datas for PCE products

Rated current	Terminal cross-section		Dismantling length [mm]	Stripping length [mm]
	wire flexible [mm <sup>2</sup> ]	wire solid (single or stranded) [mm <sup>2</sup> ]		
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 <sup>*)</sup> – 2x2,5	1 – 2x2,5		8 – 10
S-Nova (screwless)	1 <sup>*)</sup> – 2x2,5	1 – 2x2,5		8 – 14
P-Nova Plus	1 <sup>*)</sup> – 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 <sup>*)</sup> – 2x2,5	1 – 2x2,5		7

\*) End sleeves must be used!

## ■ POSITION OF THE EARTHING CONTACT ACC. TO IEC / EN IEC 60309-2 – SERIES I

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

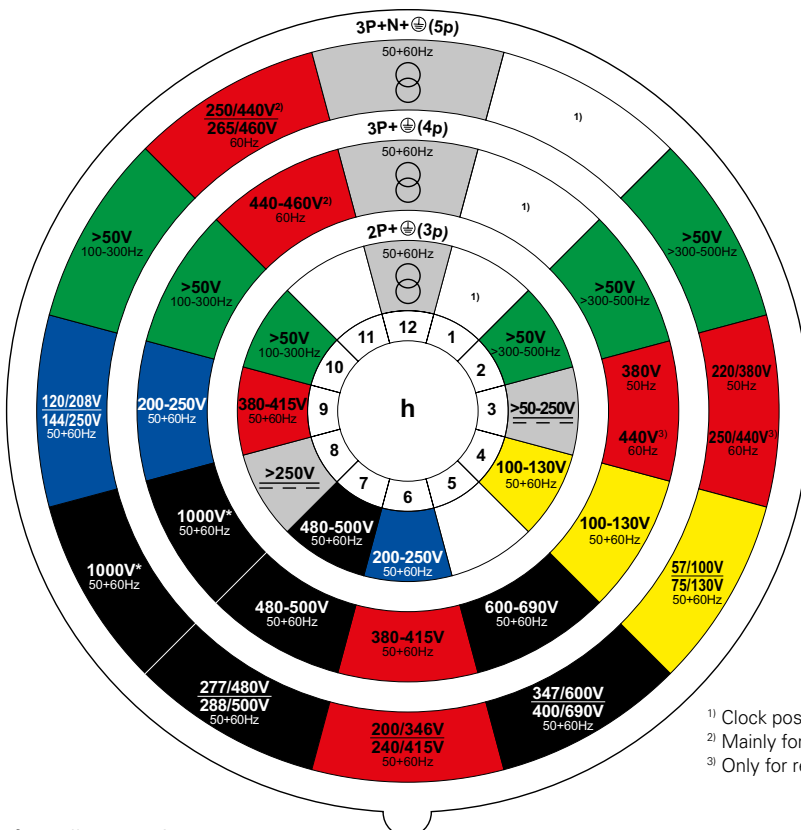
### COLOR CODES:

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

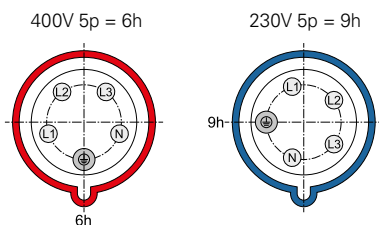
## ■ INTERNATIONAL RATING – SERIES I

for appliances >50V – details see table above



Position of the earthing contact.  
View: frontside socket-outlet

Example:



<sup>1)</sup> Clock position not standardized and free for use for special applications

<sup>2)</sup> Mainly for ship installations

<sup>3)</sup> Only for refrigerated containers

\* not offered by PCE

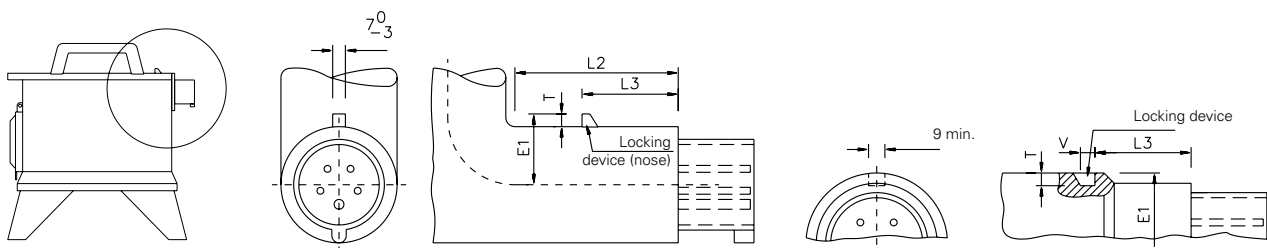
# Information

## 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 60309-2 and EN IEC 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 EN IEC 60309-2 for plugs and flanged plugs:



Positioning table (in mm):

		E1	L2	L3 (IP44)	L3 (IP67)	T	V
<b>16</b>	<b>3</b>	29-31	≥75	40-41	37-38	≥4	≥8
<b>16</b>	<b>4</b>	33-35	≥80	46-47	43-44	≥5	≥8
<b>16</b>	<b>5</b>	37-39	≥90	52-53	49-50	≥7	≥8
<b>32</b>	<b>3</b>	39-41	≥90	53-54	50-51	≥7	≥8
<b>32</b>	<b>4</b>	39-41	≥90	53-54	50-51	≥7	≥8
<b>32</b>	<b>5</b>	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 ( $m/\Omega \text{ mm}^2$ )
- high resistance to extension up to 500 N/mm<sup>2</sup> (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 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 60309 and EN IEC 60309 apply 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 62262 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-directive 2011/65/EU

PCE – overview chemical resistance:

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

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

- ✓ resistant
- ✗ not resistant
- ✓ / ✗ conditionally resistant
- 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 (TopTaurus2, Nautilus, 3-way TopTaurus2)		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



# Information

## CEE 16/32A

### ■ CONNECTION TYPES

#### SCREW TERMINAL

##### Contact screws

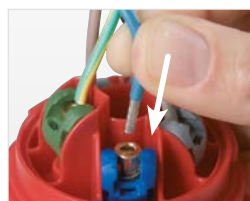
- Accessible from one direction
- Captive and open
- With multi-slot



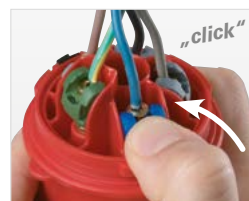
#### SCREWLESS CONNECTION TECHNOLOGY

#### TURBO TERMINAL

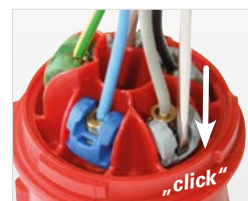
- Time saving
- Screwless TT-terminal (PCE-patent)
- Open contact terminals, ready for assembly
- Fast cable installation
- Simple closing and opening just by thumb pressure
- Colour-coded terminals



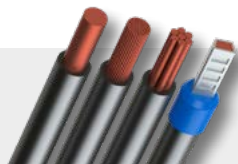
1) Insert wire



2) Close terminal



3) Re-open terminal



#### For all standard cable diameters

- 16A: up to 2,5mm<sup>2</sup> flexible, up to 4mm<sup>2</sup> solid
- 32A: up to 6,0mm<sup>2</sup> flexible, up to 10mm<sup>2</sup> solid

#### Conductors (stripped)

- flexible with 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



# POWER TWIST



SAFETY  
HEAVY DUTY  
TIME SAVING

## CEE 63/125A

### ■ SAFETY

#### Lamellar spring (CuBe)

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

#### TWIST-cable gland

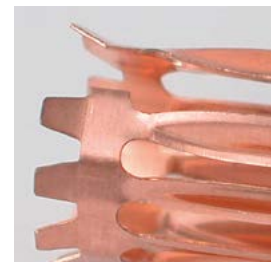
- Secures the cable firmly in position
- Protects from water and dust
- Safety screw locks the screw cap in position

### ■ 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







MADE IN AUSTRIA



# CEE INDUSTRIAL PLUGS AND SOCKETS

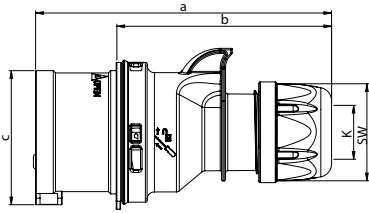
## 16A – 125A

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# CEE Plugs

## Plug IP44/54 **SHARK**

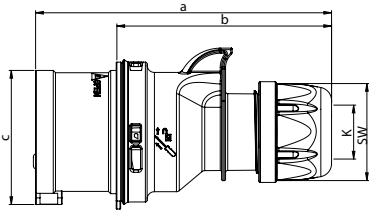


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	122	128	134	150	150	155
<b>b [mm]</b>	86	92	98	104	104	109
<b>c [mm]</b>	47	53	61	63	63	70
<b>K_cable Ø [mm]</b>	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Contact screws [Ncm]</b>	100			110		
<b>SW [mm]</b>	42	42	42	50	50	50
<b>Weight [g]</b>	107	125	151	178	201	236

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

**IP44/54** splash- and dustproof

## Plug IP44/54 **SHARKTT**

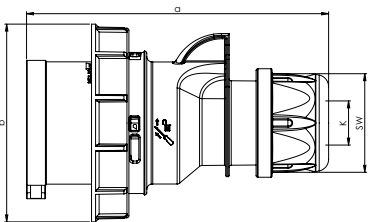


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	122	128	134	150	150	155
<b>b [mm]</b>	86	92	98	104	104	109
<b>c [mm]</b>	47	53	61	63	63	70
<b>K_cable Ø [mm]</b>	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>SW [mm]</b>	42	42	42	50	50	50
<b>Weight [g]</b>	110	130	155	186	206	241

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

**IP44/54** splash- and dustproof

## Plug IP66/67 **SHARK**

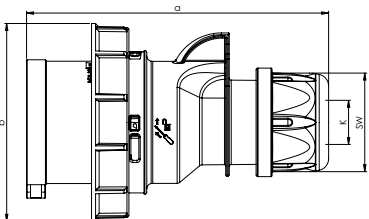


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	122	128	134	150	150	155
<b>b [mm]</b>	71	79	87	93	93	100
<b>K_cable Ø [mm]</b>	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Contact screws [Ncm]</b>	100			110		
<b>SW [mm]</b>	42	42	42	50	50	50
<b>Weight [g]</b>	130	153	183	223	242	276

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

**IP66/67** watertight

## Plug IP66/67 **SHARKTT**



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

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

**IP66/67** watertight

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



015-6

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



015-6TT

16	3	10	0132-4	<b>0132-6</b>	0132-9	0132-7	0132-10	0132-1
16	4	10	0142-4	0142-9	<b>0142-6</b>	0142-7	0142-10	0142-1
16	5	10	0152-4	0152-9	<b>0152-6</b>	0152-7	0152-10	0152-1
32	3	10	0232-4	<b>0232-6</b>	0232-9	0232-7	0232-10	0232-1
32	4	10	0242-4	0242-9	<b>0242-6</b>	0242-7	0242-10	0242-1
32	5	10	0252-4	0252-9	<b>0252-6</b>	0252-7	0252-10	0252-1



0152-6

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

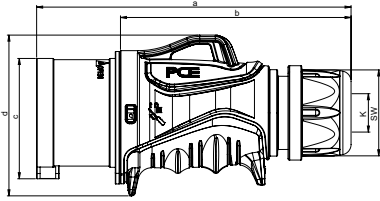


0252-6TT



# CEE Plugs

## Plug IP44/54 **GRIP**

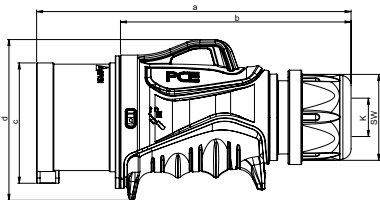


	16 Amp	32 Amp
<b>Poles</b>	5	5
<b>a</b> [mm]	157	182
<b>b</b> [mm]	117	134
<b>c</b> [mm]	61	70
<b>d</b> [mm]	79	93
<b>K_cable Ø</b> [mm]	8-16	11,5-22
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5	2,5-6
<b>Contact screws</b> [Ncm]	100	110
<b>SW</b> [mm]	42	50
<b>Weight</b> [g]	178	271

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

**IP44/54** splashproof

## Plug IP44/54 **GRIP TT**



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

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

**IP44/54** splashproof



1

### Cable gland

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

2

### Hinged lid

shape-optimized geometry

3

### Locking mechanism

closed multi-ramp locking system with proven opening mechanism

4

### Cover operation

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

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



0153-6

Amp.	Poles	pack. unit	110V~	230V~	400V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h
			Cat.No.	Cat.No.	Cat.No.
16	5	10	0153-4TT	0153-9TT	<b>0153-6TT</b>
32	5	10	0253-4TT	0253-9TT	<b>0253-6TT</b>

**TURBOclick**  
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

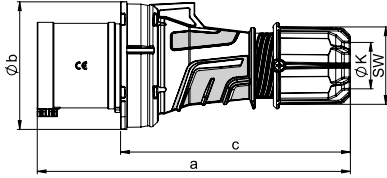
**7 GRIP**  
ergonomically shaped grip area, secure hold - perfect for all applications

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



# CEE Plugs

## Plug IP44 **POWER TWIST**

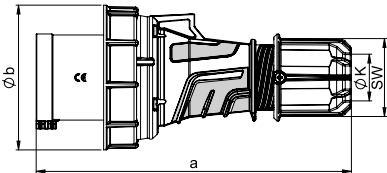


	63 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>a [mm]</b>	250	250	250
<b>b [mm]</b>	102	102	102
<b>c [mm]</b>	184	184	184
<b>K_cable Ø [mm]</b>	14,5-36	14,5-36	14,5-36
<b>Wire flexible [mm²]</b>	6-16		
<b>Contact screws [Ncm]</b>	200		
<b>SW [mm]</b>	61	61	61
<b>Weight [g]</b>	530	572	621

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

**IP44** splashproof

## Plug IP66/67 **POWER TWIST**

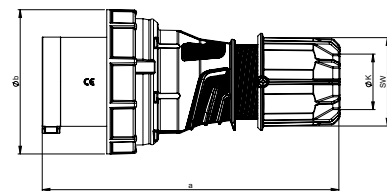


	63 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>a [mm]</b>	250	250	250
<b>b [mm]</b>	115	115	115
<b>K_cable Ø [mm]</b>	14,5-36	14,5-36	14,5-36
<b>Wire flexible [mm²]</b>	6-16		
<b>Contact screws [Ncm]</b>	200		
<b>SW [mm]</b>	61	61	61
<b>Weight [g]</b>	570	617	666

- 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		
	3	4	5
<b>Poles</b>	3	4	5
<b>a [mm]</b>	270	270	270
<b>b [mm]</b>	131	131	131
<b>K_cable Ø [mm]</b>	22,5-50	22,5-50	22,5-50
<b>Wire flexible [mm²]</b>	16-50		
<b>Contact screws [Ncm]</b>	450		
<b>SW [mm]</b>	81	81	81
<b>Weight [g]</b>	956	1064	1169

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

**IP66/67** watertight

**POWER  
TWIST**



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



Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	1h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
63	3	2	0331-4	<b>0331-6</b>	0331-9	0331-7	0331-10	0331-1
63	4	2	0341-4	0341-9	<b>0341-6</b>	0341-7	0341-10	0341-1
63	5	2	0351-4	0351-9	<b>0351-6</b>	0351-7	0351-10	0351-1



0351-6

63	3	2	033-4	<b>033-6</b>	033-9	033-7	033-10	033-1
63	4	2	034-4	034-9	<b>034-6</b>	034-7	034-10	034-1
63	5	2	035-4	035-9	<b>035-6</b>	035-7	035-10	035-1



035-6

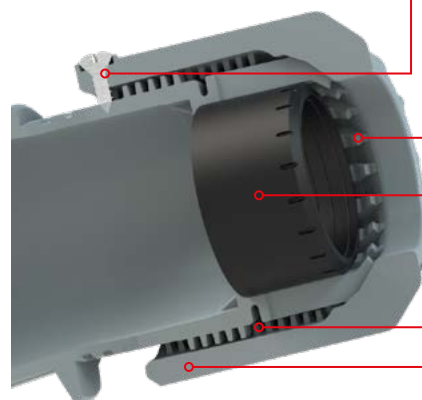
125	3	2	043-4	<b>043-6</b>	043-9	043-7	043-10	043-1
125	4	2	044-4	044-9	<b>044-6</b>	044-7	044-10	044-1
125	5	2	045-4	045-9	<b>045-6</b>	045-7	045-10	045-1



045-6

### Time saving:

- Simple and fast insertion of the cable
- Strain-relief and sealing of the cable by tightening the cable gland
- All current cables for 63A from  $\varnothing 14,5\text{mm}$  to  $\varnothing 36\text{mm}$  for 125A from  $\varnothing 22,5\text{mm}$  to  $\varnothing 50\text{mm}$
- 100% tightness of the cable

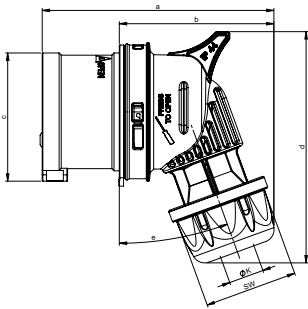


- **Safety screw**  
locks the screw cap in position
- **Strain-relief**  
for very high strain
- **Sealing**  
protection degree IP66/IP67
- **Acme thread**  
for high force
- **Cable gland nut**  
optimum grip



# CEE Angled plugs

## Angled plug IP44 **TWIST**

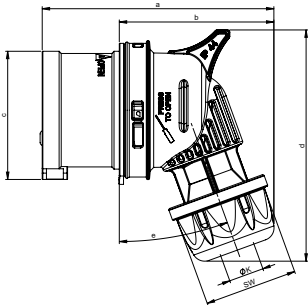


Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	96	98	107	125	125	137
b [mm]	60	62	71	80	80	92
c [mm]	47	53	61	63	63	70
d [mm]	88	91	102	110	110	121
e [°]	15	15	20	25	25	25
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	38	38	42	50	50	50
Weight [g]	107	130	155	174	194	236

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

**IP44** splashproof

## Angled plug IP44 **TWIST TT**

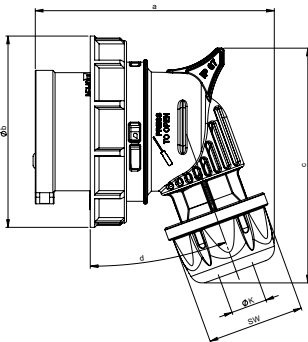


Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	96	98	107	125	125	137
b [mm]	60	62	71	80	80	92
c [mm]	47	53	61	63	63	70
d [mm]	88	91	102	110	110	121
e [°]	15	15	20	25	25	25
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
SW [mm]	38	38	42	50	50	50
Weight [g]	110	134	160	179	199	238

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

**IP44** splashproof

## Angled plug IP67 **TWIST**

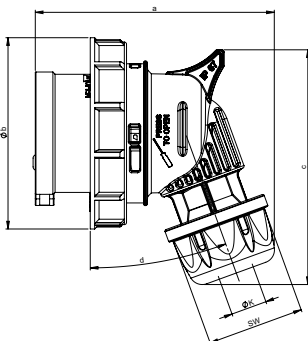


Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	98	100	109	126	126	136
b [mm]	71	79	87	93	93	100
c [mm]	92	94	107	110	110	118
d [°]	15	15	20	25	25	25
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	38	38	42	50	50	50
Weight [g]	128	155	186	215	234	278

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

**IP67** watertight

## Angled plug IP67 **TWIST TT**



Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	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 [mm <sup>2</sup> ]	1-2,5			2,5-6		
SW [mm]	38	38	42	50	50	50
Weight [g]	130	158	191	219	238	288

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

**IP67** watertight

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



8013-6

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

**TURBO** click  
**TERMINAL**



8013-6TT

16	3	10	80132-4	<b>80132-6</b>	80132-9	80132-7	80132-10	80132-1
16	4	10	80142-4	80142-9	<b>80142-6</b>	80142-7	80142-10	80142-1
16	5	10	80152-4	80152-9	<b>80152-6</b>	80152-7	80152-10	80152-1
32	3	10	80232-4	<b>80232-6</b>	80232-9	80232-7	80232-10	80232-1
32	4	10	80242-4	80242-9	<b>80242-6</b>	80242-7	80242-10	80242-1
32	5	10	80252-4	80252-9	<b>80252-6</b>	80252-7	80252-10	80252-1



80142-6

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

example for connection:



**TURBO** click  
**TERMINAL**

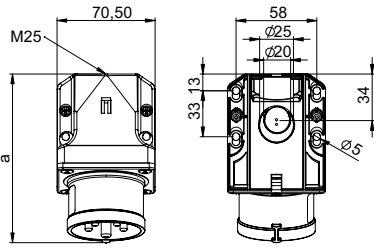


80142-6TT



# CEE Wall mounted plugs

## Wall mounted plug IP44



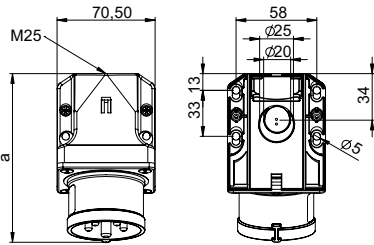
angle=15°

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

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

**IP44** splashproof

## Wall mounted plug IP44 TT



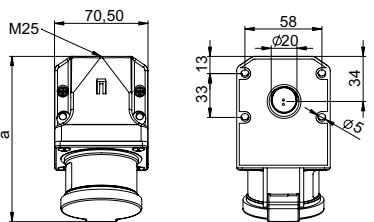
angle=15°

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

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

**IP44** splashproof

## Wall mounted plug with lid IP44



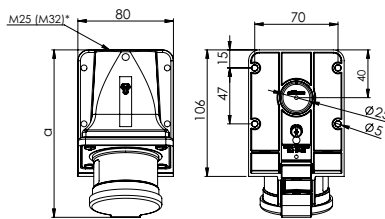
angle=15°

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

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

**IP44** splashproof

## Wall mounted plug with lid IP44



angle=15°

	16 Amp		32 Amp	
	5	5	5	5
<b>Poles</b>	5	5	5	5
<b>a</b> [mm]	141	151	151	151
<b>Height</b> [mm]	99	112	112	112
<b>M*</b> [mm]	25	25	25	25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5		2,5-6	
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4		2,5-10	
<b>Contact screws</b> [Ncm]	100		110	
<b>Weight</b> [g]	257		320	

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

**IP44** splashproof

\*M32 optional on request available

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



515-6

16	3	10	513-4TT	<b>513-6TT</b>	513-9TT			
16	5	10	515-4TT	515-9TT	<b>515-6TT</b>			
32	4	10	524-4TT	524-9TT	<b>524-6TT</b>			
32	5	10	525-4TT	525-9TT	<b>525-6TT</b>			



515-6TT

16	3	10	513-4d	<b>513-6d</b>	513-9d	513-7d	513-10d	513-1d
16	4	10	514-4d	514-9d	<b>514-6d</b>	514-7d	514-10d	514-1d
16	5	10	515-4d	515-9d	<b>515-6d</b>	515-7d	515-10d	515-1d
32	3	10	523-4d	<b>523-6d</b>	523-9d	523-7d	523-10d	523-1d
32	4	10	524-4d	524-9d	<b>524-6d</b>	524-7d	524-10d	524-1d
32	5	10	525-4d	525-9d	<b>525-6d</b>	525-7d	525-10d	525-1d



515-6d

16	5	10	515-4kd	515-9kd	<b>515-6kd</b>	515-7kd	515-10kd	515-1kd
32	5	5	525-4kd	525-9kd	<b>525-6kd</b>	525-7kd	525-10kd	525-1kd

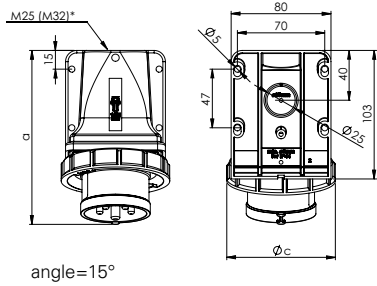


525-6kd



# CEE Wall mounted plugs

## Wall mounted plug IP67



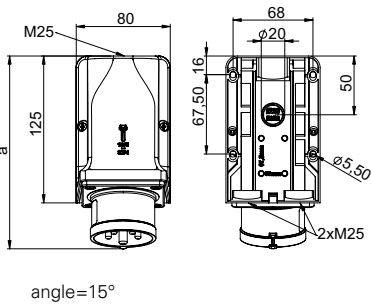
	16 Amp			32 Amp		
	3	4	5	4	5	
<b>Poles</b>	3	4	5	4	5	
<b>a</b> [mm]	136	138	140	150	152	
<b>Height</b> [mm]	99	94	100	104	102	
<b>c</b> [mm]	71	79	87	93	102	
<b>M*</b> [mm]	25	25	25	25	25	
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Contact screws</b> [Ncm]	100			110		
<b>Weight</b> [g]	207	223	242	260	306	

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

**IP67** watertight

\*M32 optional on request available

## Wall mounted plug IP44

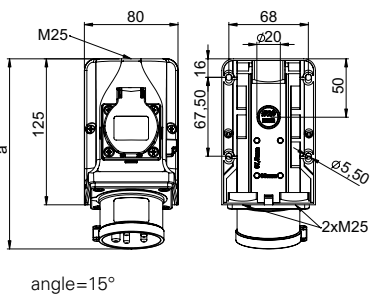


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a</b> [mm]	163	163	164	173	173	174
<b>Height</b> [mm]	109	109	112	115	115	118
<b>M</b> [mm]	3x25	3x25	3x25	3x25	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Contact screws</b> [Ncm]	100			110		
<b>Weight</b> [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. 9515-6v
- top, 2x bottom or rear entry
- incl. threaded cable grommet

**IP44** splashproof

## Wall mounted plug - COMBO IP44

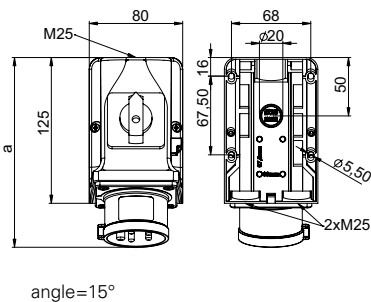


	16 Amp		32 Amp	
	3	5	3	5
<b>Poles</b>	3	5	3	5
<b>a</b> [mm]	162	163	172	173
<b>Height</b> [mm]	117	117	117	118
<b>M</b> [mm]	3x25	3x25	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5		2,5-6	
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4		2,5-10	
<b>Contact screws CEE</b> [Ncm]	100		110	
<b>Screw terminals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

- with screw terminals
- wall mounted plug with integrated safety socket acc. Austr./Germ. system
- connecting terminals up to 10mm<sup>2</sup>
- **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. 95215-6v
- 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



	16 Amp	32 Amp*
	<b>Poles</b>	5
<b>a</b> [mm]	163	173
<b>Height</b> [mm]	128	128
<b>M</b> [mm]	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5	2,5-6
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4	2,5-10
<b>Weight</b> [g]	400	550

- 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. 75615-6v-p
- top, 2x bottom or rear entry
- incl. threaded cable grommet

**IP44** splashproof

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	1h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	5	5132-4k	<b>5132-6k</b>	5132-9k	5132-7k	5132-10k	5132-1k
16	4	5	5142-4k	5142-9k	<b>5142-6k</b>	5142-7k	5142-10k	5142-1k
16	5	5	5152-4k	5152-9k	<b>5152-6k</b>	5152-7k	5152-10k	5152-1k
32	3	5	5232-4k	<b>5232-6k</b>	5232-9k	5232-7k	5232-10k	5232-1k
32	4	5	5242-4k	5242-9k	<b>5242-6k</b>	5242-7k	5242-10k	5242-1k
32	5	5	5252-4k	5252-9k	<b>5252-6k</b>	5252-7k	5252-10k	5252-1k



5252-6k

16	3	5	9513-4	<b>9513-6</b>	9513-9	9513-7	9513-10	9513-1
16	4	5	9514-4	9514-9	<b>9514-6</b>	9514-7	9514-10	9514-1
16	5	5	9515-4	9515-9	<b>9515-6</b>	9515-7	9515-10	9515-1
32	3	5	9523-4	<b>9523-6</b>	9523-9	9523-7	9523-10	9523-1
32	4	5	9524-4	9524-9	<b>9524-6</b>	9524-7	9524-10	9524-1
32	5	5	9525-4	9525-9	<b>9525-6</b>	9525-7	9525-10	9525-1



9515-6

16	3	5		<b>95213-6</b>				
16	5	5			<b>95215-6</b>			
32	3	5		<b>95223-6</b>				
32	5	5			<b>95225-6</b>			



95225-6



95215-6

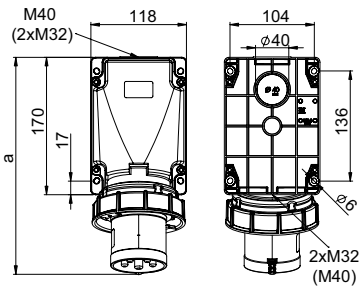
16	5	5			<b>75615-6-p</b>			
32	5	5			<b>75625-6-p</b>			



75615-6-p

# CEE Wall mounted plugs

## Wall mounted plug IP66/67 **POWER TWIST**



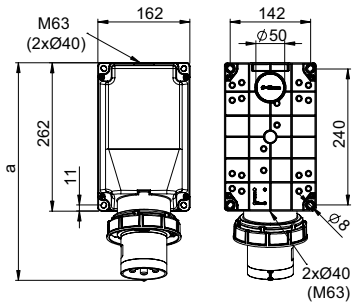
angle=15°

	63 Amp		
<b>Poles</b>	3	4	5
<b>a [mm]</b>	271	271	271
<b>Height [mm]</b>	175	175	175
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16		
<b>Wire solid [mm<sup>2</sup>]</b>	6-25		
<b>Contact screws [Ncm]</b>	200		
<b>Weight [g]</b>	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 56

**IP66/67** watertight

## Wall mounted plug IP66/67 **POWER TWIST**



angle=15°

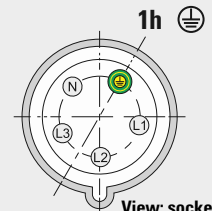
	125 Amp		
<b>Poles</b>	3	4	5
<b>a [mm]</b>	387	387	387
<b>Height [mm]</b>	209	209	209
<b>Wire flexible [mm<sup>2</sup>]</b>	16-50		
<b>Wire solid [mm<sup>2</sup>]</b>	16-70		
<b>Contact screws [Ncm]</b>	450		
<b>Weight [g]</b>	1620	1725	1834

- 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 56

**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.



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



535-6

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



545-6

Accessories see page 56



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# 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



#### Screwless terminal

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

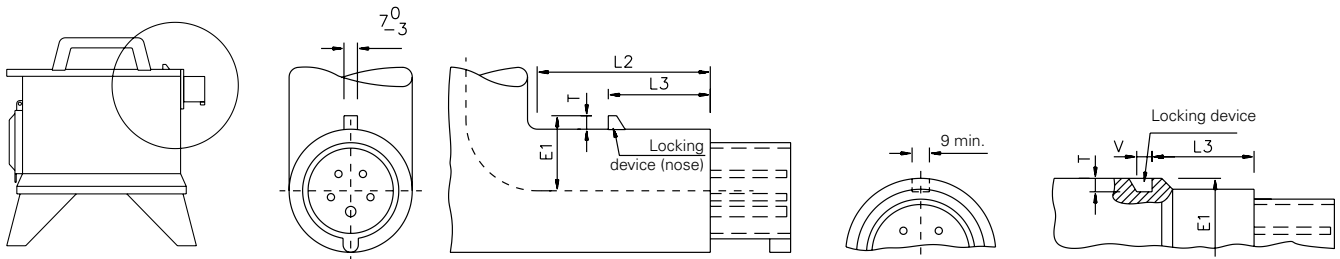
### Contact frame: 63/125A



#### Contact frame

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

## Locking device:



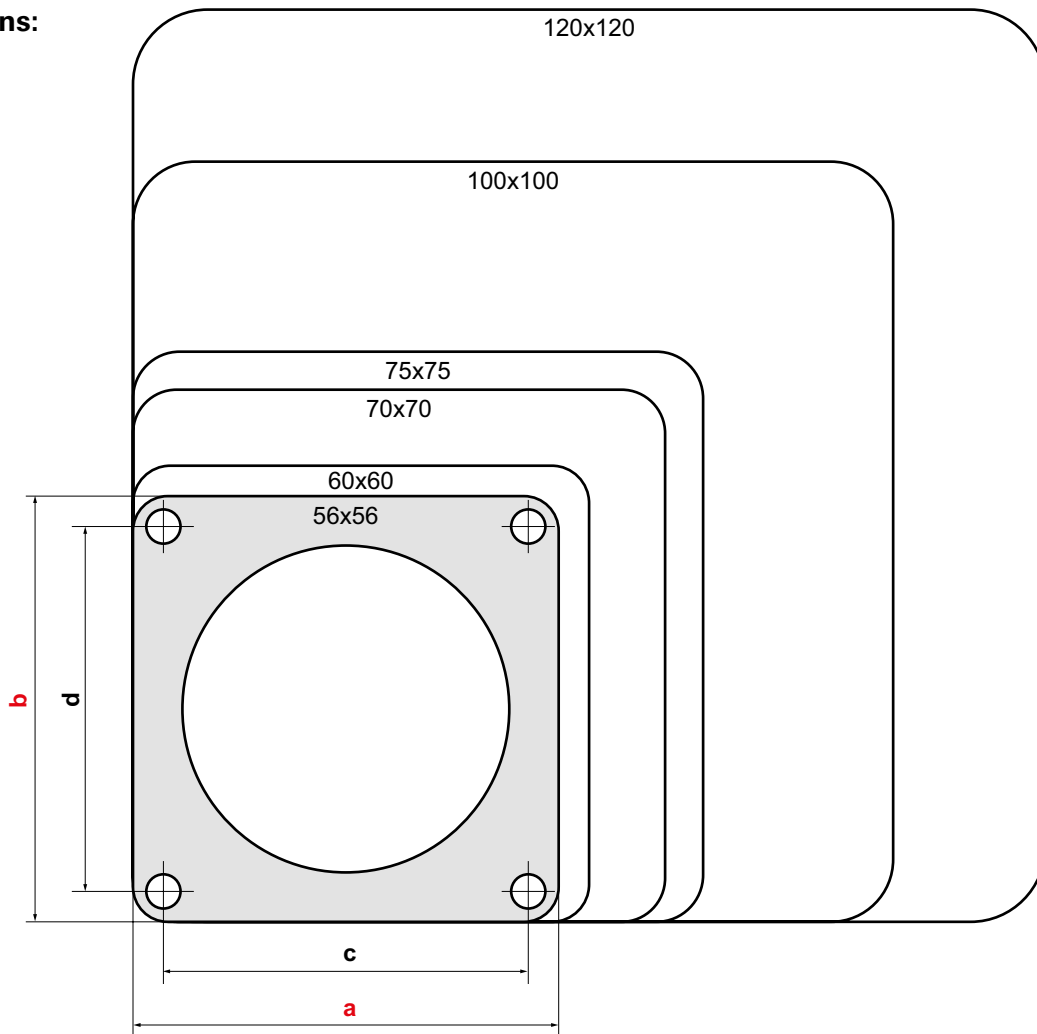
Positioning table (in mm):

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:



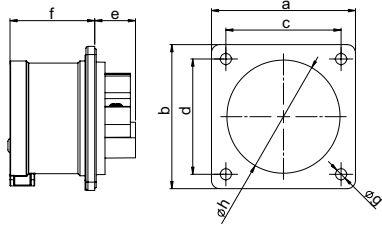
Versions:

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  
**TERMINALS**

# CEE Flanged plugs

## Flanged plug straight IP44

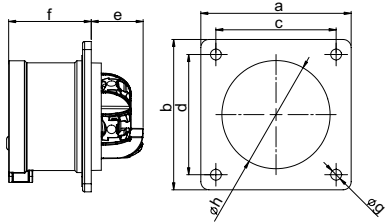


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	70	70	70	70	70	70
<b>Fixing center c x d [mm]</b>	56	56	56	56	56	56
<b>e [mm]</b>	21	21	20	21	21	21
<b>f [mm]</b>	42	42	42	51	51	51
<b>g [mm]</b>	5,5	5,5	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	43	55	55	55	55
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10		
<b>Contact screws [Ncm]</b>	100			110		
<b>Weight [g]</b>	86	101	118	125	145	166

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

**IP44** splashproof

## Flanged plug straight IP44 TT

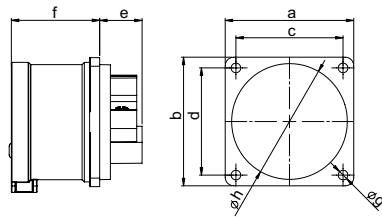


	16 Amp		32 Amp	
	3	5	4	5
<b>Poles</b>	3	5	4	5
<b>Flange a x b [mm]</b>	70	70	70	70
<b>Fixing center c x d [mm]</b>	56	56	56	56
<b>e [mm]</b>	26	26	29	29
<b>f [mm]</b>	42	42	51	51
<b>g [mm]</b>	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	55	55	55
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5		2,5-6	
<b>Wire solid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

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

**IP44** splashproof

## Flanged plug straight IP44

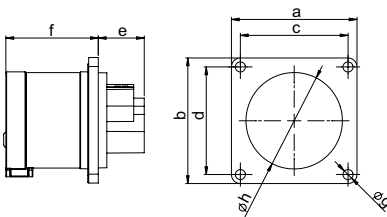


	16 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>Flange a x b [mm]</b>	60	60	60
<b>Fixing center c x d [mm]</b>	50	50	50
<b>e [mm]</b>	21	21	20
<b>f [mm]</b>	42	42	42
<b>g [mm]</b>	4,5	4,5	4,5
<b>h [mm]</b>	43	43	55
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4		
<b>Contact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

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 615-6f6v
- 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	
	3	4
<b>Poles</b>	3	4
<b>Flange a x b [mm]</b>	56	56
<b>Fixing center c x d [mm]</b>	48	48
<b>e [mm]</b>	21	21
<b>f [mm]</b>	42	42
<b>g [mm]</b>	4,5	4,5
<b>h [mm]</b>	43	43
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5	
<b>Wire solid [mm<sup>2</sup>]</b>	1-4	
<b>Contact screws [Ncm]</b>	100	
<b>Weight [g]</b>	76	91

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

**IP44** splashproof

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



625-6

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

**TURBO** click  
TERMINAL



613-4TT

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz	50/60Hz	50/60Hz	50/60Hz	100-300Hz	
			<b>4h</b>	3p=6h 4p+5p=9h	3p=9h 4p+5p=6h	<b>7h</b>	<b>10h</b>	<b>1h</b>
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>flange 60 x 60 - fixing center 50 x 50</b>								
16	3	10	613-4f6	<b>613-6f6</b>	613-9f6	613-7f6	613-10f6	613-1f6
16	4	10	614-4f6	614-9f6	<b>614-6f6</b>	614-7f6	614-10f6	614-1f6
16	5	10	615-4f6	615-9f6	<b>615-6f6</b>	615-7f6	615-10f6	615-1f6



613-6f6

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz	50/60Hz	50/60Hz	50/60Hz	100-300Hz	
			<b>4h</b>	3p=6h 4p+5p=9h	3p=9h 4p+5p=6h	<b>7h</b>	<b>10h</b>	<b>1h</b>
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>flange 56 x 56 - fixing center 48 x 48</b>								
16	3	10	613-4f3	<b>613-6f3</b>	613-9f3	613-7f3	613-10f3	613-1f3
16	4	10	614-4f3	614-9f3	<b>614-6f3</b>	614-7f3	614-10f3	614-1f3

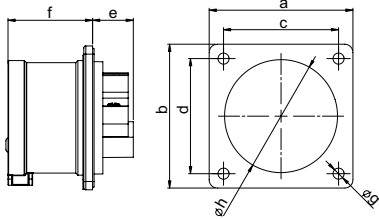


614-6f3

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# CEE Flanged plugs

## Flanged plug straight IP44

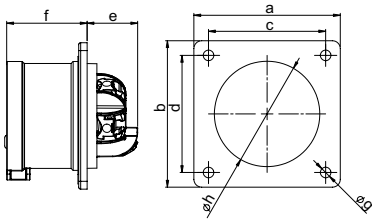


	16 Amp	32 Amp
<b>Poles</b>	5	5
<b>Flange a x b [mm]</b>	75	75
<b>Fixing center c x d [mm]</b>	60	60
<b>e [mm]</b>	20	21
<b>f [mm]</b>	42	51
<b>g [mm]</b>	5,5	5,5
<b>h [mm]</b>	55	55
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5	2,5-6
<b>Wire solid [mm<sup>2</sup>]</b>	1-4	2,5-10
<b>Contact screws [Ncm]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

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

**IP44** splashproof

## Flanged plug straight IP44 TT

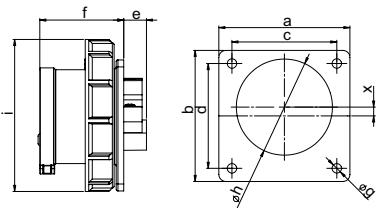


	16 Amp	32 Amp
<b>Poles</b>	5	5
<b>Flange a x b [mm]</b>	75	75
<b>Fixing center c x d [mm]</b>	60	60
<b>e [mm]</b>	26	29
<b>f [mm]</b>	42	51
<b>g [mm]</b>	5,5	5,5
<b>h [mm]</b>	55	55
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5	2,5-6
<b>Wire solid [mm<sup>2</sup>]</b>	1-4	2,5-10
<b>Weight [g]</b>	126	178

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

**IP44** splashproof

## Flanged plug straight IP67

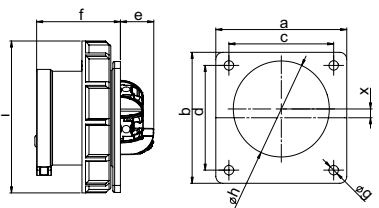


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	75	75	75	75	75	75
<b>Fixing center c x d [mm]</b>	60	60	60	60	60	60
<b>e [mm]</b>	15	14	13	14	15	14
<b>f [mm]</b>	48	48	48	58	58	58
<b>g [mm]</b>	5,5	5,5	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	44	55	55	55	55
<b>i [mm]</b>	71	79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

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

**IP67** watertight

## Flanged plug straight IP67 TT



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

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

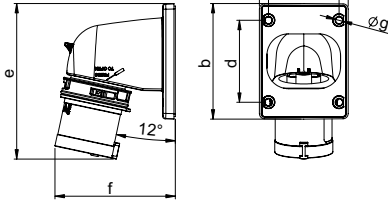
**IP67** watertight



# CEE Flanged plugs

## Flanged plug angled IP44

### TWIST



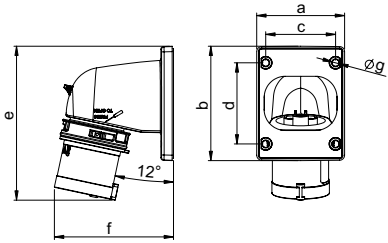
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	66	66	90	90	90	90
b [mm]	86	86	100	100	100	100
c [mm]	53	53	77	77	77	77
d [mm]	61	61	85	85	85	85
e [mm]	116	117	153	163	163	164
f [mm]	90	93	98	100	100	103
g [mm]	5	5	5	5	5	5
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	126	144	190	200	220	250

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

**IP44** splashproof

## Flanged plug angled IP44

### TWIST TT



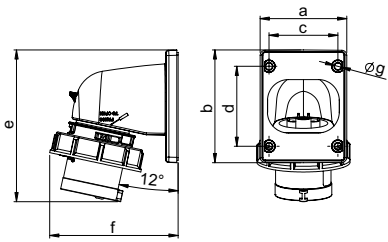
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	66	66	90	90	90	90
b [mm]	86	86	100	100	100	100
c [mm]	53	53	77	77	77	77
d [mm]	61	61	85	85	85	85
e [mm]	116	117	153	163	163	164
f [mm]	90	93	98	100	100	103
g [mm]	5	5	5	5	5	5
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	1-4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

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

**IP44** splashproof

## Flanged plug angled IP67

### TWIST



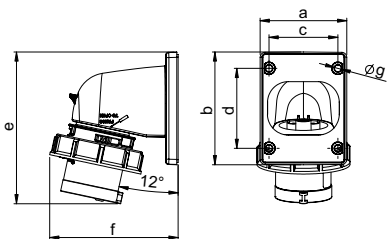
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	66	66	90	90	90	90
b [mm]	86	86	100	100	100	100
c [mm]	53	53	77	77	77	77
d [mm]	61	61	85	85	85	85
e [mm]	116	117	153	163	163	164
f [mm]	99	103	107	110	110	114
g [mm]	5	5	5	5	5	5
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	1-4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

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

**IP67** watertight

## Flanged plug angled IP67

### TWIST TT



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

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

**IP67** watertight



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



77713-6

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



77713-6TT

16	3	10	777132-4	<b>777132-6</b>	777132-9	777132-7	777132-10	777132-1
16	4	10	777142-4	777142-9	<b>777142-6</b>	777142-7	777142-10	777142-1
16	5	5	777152-4	777152-9	<b>777152-6</b>	777152-7	777152-10	777152-1
32	3	5	777232-4	<b>777232-6</b>	777232-9	777232-7	777232-10	777232-1
32	4	5	777242-4	777242-9	<b>777242-6</b>	777242-7	777242-10	777242-1
32	5	5	777252-4	777252-9	<b>777252-6</b>	777252-7	777252-10	777252-1



777132-6

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



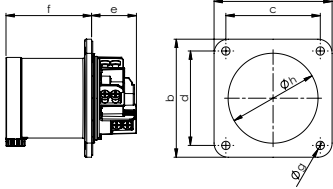
777152-6TT



# CEE Flanged plugs

## Flanged plug straight IP44

### POWER TWIST



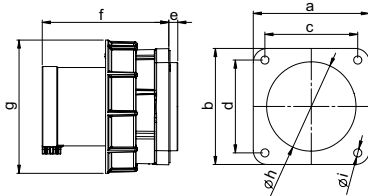
	63 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>Flange a x b [mm]</b>	100	100	100
<b>Fixing center c x d [mm]</b>	80	80	80
<b>e [mm]</b>	39	39	39
<b>f [mm]</b>	73	73	73
<b>g [mm]</b>	7	7	7
<b>h [mm]</b>	77	77	77
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16		
<b>Wire solid [mm<sup>2</sup>]</b>	6-25		
<b>Contact screws [Ncm]</b>	200		
<b>Weight [g]</b>	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 56

**IP44** splashproof

## Flanged plug straight IP66/67

### POWER TWIST



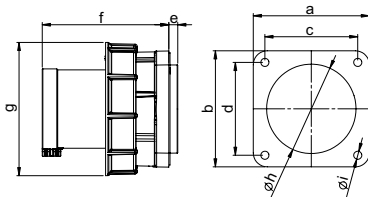
	63 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>Flange a x b [mm]</b>	100	100	100
<b>Fixing center c x d [mm]</b>	80	80	80
<b>e [mm]</b>	8	8	8
<b>f [mm]</b>	109	109	109
<b>g [mm]</b>	115	115	115
<b>h [mm]</b>	77	77	77
<b>i [mm]</b>	7	7	7
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16		
<b>Wire solid [mm<sup>2</sup>]</b>	6-25		
<b>Contact screws [Ncm]</b>	200		
<b>Weight [g]</b>	479	520	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 56

**IP66/67** watertight

## Flanged plug straight IP66/67

### POWER TWIST



	125 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>Flange a x b [mm]</b>	120	120	120
<b>Fixing center c x d [mm]</b>	100	100	100
<b>e [mm]</b>	13	13	13
<b>f [mm]</b>	118	118	118
<b>g [mm]</b>	131	131	131
<b>h [mm]</b>	95	95	95
<b>i [mm]</b>	7	7	7
<b>Wire flexible [mm<sup>2</sup>]</b>	16-50		
<b>Wire solid [mm<sup>2</sup>]</b>	16-70		
<b>Contact screws [Ncm]</b>	450		
<b>Weight [g]</b>	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 56

**IP66/67** watertight

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

**flange 100 x 100 - fixing center 80 x 80**

<b>63</b>	<b>3</b>	2	6331-4k	<b>6331-6k</b>	6331-9k	6331-7k	6331-10k	6331-1k
<b>63</b>	<b>4</b>	2	6341-4k	6341-9k	<b>6341-6k</b>	6341-7k	6341-10k	6341-1k
<b>63</b>	<b>5</b>	2	6351-4k	6351-9k	<b>6351-6k</b>	6351-7k	6351-10k	6351-1k



6351-6k

**flange 100 x 100 - fixing center 80 x 80**

<b>63</b>	<b>3</b>	2	633-4	<b>633-6</b>	633-9	633-7	633-10	633-1
<b>63</b>	<b>4</b>	2	634-4	634-9	<b>634-6</b>	634-7	634-10	634-1
<b>63</b>	<b>5</b>	2	635-4	635-9	<b>635-6</b>	635-7	635-10	635-1



635-6

**flange 120 x 120 - fixing center 100 x 100**

<b>125</b>	<b>3</b>	2	643-4	<b>643-6</b>	643-9	643-7	643-10	643-1
<b>125</b>	<b>4</b>	2	644-4	644-9	<b>644-6</b>	644-7	644-10	644-1
<b>125</b>	<b>5</b>	2	645-4	645-9	<b>645-6</b>	645-7	645-10	645-1



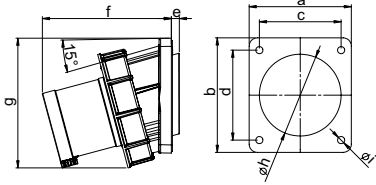
645-6



# CEE Flanged plugs

## Flanged plug sloping IP66/67

### POWER TWIST



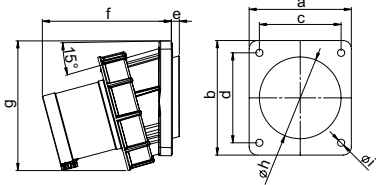
Poles	63 Amp		
	3	4	5
a [mm]	100	100	100
b [mm]	112	112	112
c [mm]	80	80	80
d [mm]	88	88	88
e [mm]	8	8	8
f [mm]	127	127	127
g [mm]	127	127	127
h [mm]	80	80	80
i [mm]	7	7	7
Wire flexible [mm <sup>2</sup> ]	6-16		
Wire solid [mm <sup>2</sup> ]	6-25		
Contact screws [Ncm]	200		
Weight [g]	515	566	608

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- for waterproof cover see accessories on page 56

IP66/67 watertight

## Flanged plug sloping IP66/67

### POWER TWIST



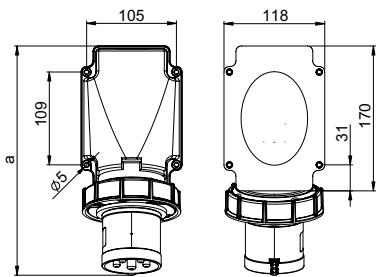
Poles	125 Amp		
	3	4	5
a [mm]	120	120	120
b [mm]	130	130	130
c [mm]	100	100	100
d [mm]	108	108	108
e [mm]	8	8	8
f [mm]	139	139	139
g [mm]	145	145	145
h [mm]	100	100	100
i [mm]	7	7	7
Wire flexible [mm <sup>2</sup> ]	16-50		
Wire solid [mm <sup>2</sup> ]	16-70		
Contact screws [Ncm]	450		
Weight [g]	833	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 56

IP66/67 watertight

## Flanged plug IP66/67

### POWER TWIST



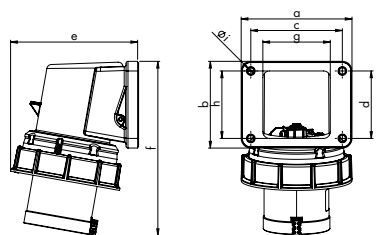
Poles	63 Amp		
	3	4	5
a [mm]	271	271	271
Height [mm]	124	124	124
Wire flexible [mm <sup>2</sup> ]	6-16		
Wire solid [mm <sup>2</sup> ]	6-25		
Contact screws [Ncm]	200		
Weight [g]	653	704	746

- 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 56
- rear entry
- incl. flange gasket

IP66/67 watertight

## Flanged plug compact IP66/67

### POWER TWIST



Poles	63 Amp		
	3	4	5
a [mm]	116	116	116
b [mm]	91	91	91
c [mm]	95	95	95
d [mm]	70	70	70
e [mm]	132	132	132
f [mm]	181	181	181
g [mm]	70	70	70
h [mm]	70	70	70
Ø i [mm]	6,5	6,5	6,5
Wire flexible [mm <sup>2</sup> ]	6-16		
Wire solid [mm <sup>2</sup> ]	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 56
- rear entry
- incl. flange gasket

IP66/67 watertight

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

			110V~	230V~	400V~	500V~	>50-500V~	>50V others
<b>flange 100 x 112 - fixing center 80 x 88</b>								
63	3	2	733-4	<b>733-6</b>	733-9	733-7	733-10	733-1
63	4	2	734-4	734-9	<b>734-6</b>	734-7	734-10	734-1
63	5	2	735-4	735-9	<b>735-6</b>	735-7	735-10	735-1



735-6

			110V~	230V~	400V~	500V~	>50-500V~	>50V others
<b>flange 120 x 130 - fixing center 100 x 108</b>								
125	3	2	743-4	<b>743-6</b>	743-9	743-7	743-10	743-1
125	4	2	744-4	744-9	<b>744-6</b>	744-7	744-10	744-1
125	5	2	745-4	745-9	<b>745-6</b>	745-7	745-10	745-1



745-6

			110V~	230V~	400V~	500V~	>50-500V~	>50V others
<b>flange 118 x 170 - fixing center 105 x 109</b>								
63	3	2	77733-4	<b>77733-6</b>	77733-9	77733-7	77733-10	77733-1
63	4	2	77734-4	77734-9	<b>77734-6</b>	77734-7	77734-10	77734-1
63	5	2	77735-4	77735-9	<b>77735-6</b>	77735-7	77735-10	77735-1



77735-6

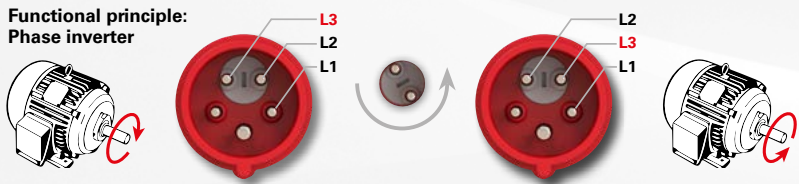
			110V~	230V~	400V~	500V~	>50-500V~	>50V others
<b>flange 116 x 91 - fixing center 95 x 70</b>								
63	3	2	77733-4k	<b>77733-6k</b>	77733-9k	77733-7k	77733-10k	77733-1k
63	4	2	77734-4k	77734-9k	<b>77734-6k</b>	77734-7k	77734-10k	77734-1k
63	5	2	77735-4k	77735-9k	<b>77735-6k</b>	77735-7k	77735-10k	77735-1k



77735-6k



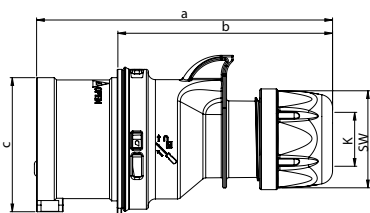
Functional principle:  
Phase inverter



## CEE Phase inverters

### Phase inverter plug IP44/54

**SHARK**



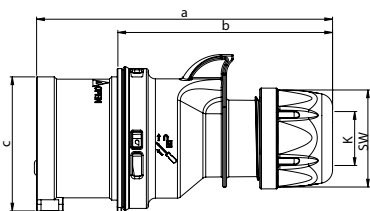
	16 Amp		32 Amp	
	4	5	4	5
<b>Poles</b>	4	5	4	5
<b>a [mm]</b>	128	134	150	155
<b>b [mm]</b>	92	98	104	109
<b>c [mm]</b>	53	61	63	70
<b>K_cable Ø [mm]</b>	6-15	8-16	11,5-20	11,5-22
<b>Wire flexible class 5 or 6 [mm<sup>2</sup>]</b>	1-2,5		2,5-6	
<b>Contact screws [Ncm]</b>	100		110	
<b>SW [mm]</b>	42	42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



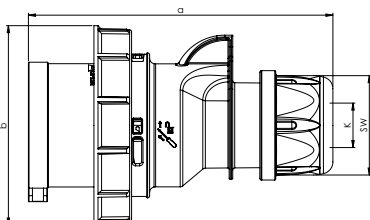
	16 Amp		32 Amp	
	5	5	5	5
<b>Poles</b>	5	5	5	5
<b>a [mm]</b>	134	155	155	155
<b>b [mm]</b>	98	109	109	109
<b>c [mm]</b>	61	70	70	70
<b>K_cable Ø [mm]</b>	8-16	11,5-22	11,5-22	11,5-22
<b>Wire flexible class 5 or 6 [mm<sup>2</sup>]</b>	1-2,5		2,5-6	
<b>Contact screws [Ncm]</b>	100		110	
<b>SW [mm]</b>	42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



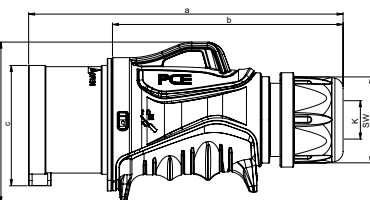
	16 Amp		32 Amp	
	4	5	4	5
<b>Poles</b>	4	5	4	5
<b>a [mm]</b>	128	134	150	155
<b>b [mm]</b>	79	87	93	100
<b>c [mm]</b>	61	61	63	70
<b>K_cable Ø [mm]</b>	6-15	8-16	11,5-20	11,5-22
<b>Wire flexible class 5 or 6 [mm<sup>2</sup>]</b>	1-2,5		2,5-6	
<b>Contact screws [Ncm]</b>	100		110	
<b>SW [mm]</b>	42	42	50	50
<b>Weight [g]</b>	153	183	245	280

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

**IP66/67** watertight

### Phase inverter plug IP44/54

**GRIP**



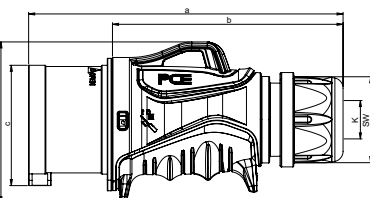
	16 Amp		32 Amp	
	5	5	5	5
<b>Poles</b>	5	5	5	5
<b>a [mm]</b>	157	182	182	182
<b>b [mm]</b>	117	134	134	134
<b>c [mm]</b>	61	70	70	70
<b>d [mm]</b>	79	93	93	93
<b>K_cable Ø [mm]</b>	8-16	11,5-22	11,5-22	11,5-22
<b>Wire flexible class 5 or 6 [mm<sup>2</sup>]</b>	1-2,5		2,5-6	
<b>Contact screws [Ncm]</b>	100		110	
<b>SW [mm]</b>	42	50	50	50
<b>Weight [g]</b>	180	273	273	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	
	5	5	5	5
<b>Poles</b>	5	5	5	5
<b>a [mm]</b>	157	182	182	182
<b>b [mm]</b>	117	134	134	134
<b>c [mm]</b>	61	70	70	70
<b>d [mm]</b>	79	93	93	93
<b>K_cable Ø [mm]</b>	8-16	11,5-22	11,5-22	11,5-22
<b>Wire flexible class 5 or 6 [mm<sup>2</sup>]</b>	1-2,5		2,5-6	
<b>Contact screws [Ncm]</b>	100		110	
<b>SW [mm]</b>	42	50	50	50
<b>Weight [g]</b>	183	279	279	279

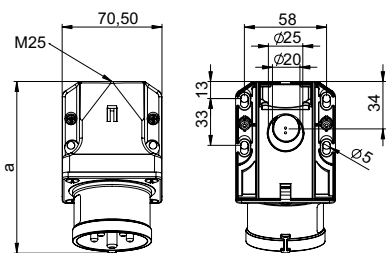
- L1, N, PE = screwless connection terminals
- L2, L3 = screw terminals
- housing material: 2-components (PA6 / TPE)
- contacts: nickel-plated contacts

**IP44/54** splashproof



# CEE Phase inverters

## Phase inverter - Wall mounted plug IP44



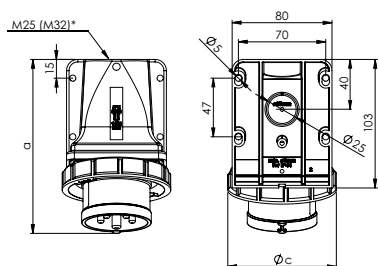
angle=15°

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

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

**IP44** splashproof

## Phase inverter - Wall mounted plug IP67



angle=15°

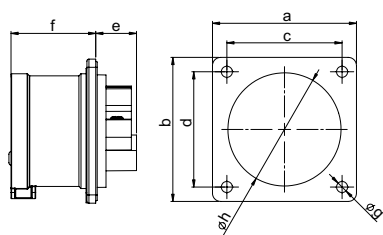
	16 Amp		32 Amp	
<b>Poles</b>	5	4	5	
<b>a [mm]</b>	140	153	152	
<b>Height [mm]</b>	100	104	102	
<b>c [mm]</b>	87	93	102	
<b>M* [mm]</b>	25	25	25	
<b>Wire flexible class 5 or 6 [mm<sup>2</sup>]</b>	1-2,5		2,5-6	
<b>Contact screws [Ncm]</b>	100		110	
<b>Weight [g]</b>	241	276	307	

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

**IP67** watertight

\*M32 optionally available on request

## Phase inverter - Flanged plug straight IP44

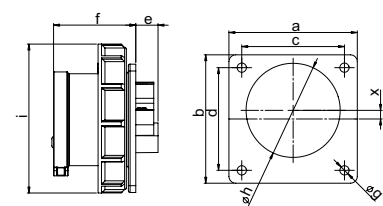


	16 Amp		32 Amp	
<b>Poles</b>	5	4	5	
<b>Flange a x b [mm]</b>	70	70	70	
<b>Fixing center c x d [mm]</b>	56	56	56	
<b>e [mm]</b>	20	21	21	
<b>f [mm]</b>	42	51	51	
<b>g [mm]</b>	5,5	5,5	5,5	
<b>h [mm]</b>	55	55	55	
<b>Wire flexible class 5 or 6 [mm<sup>2</sup>]</b>	1-2,5		2,5-6	
<b>Contact screws [Ncm]</b>	100		110	
<b>Weight [g]</b>	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	
<b>Poles</b>	5	4	5	
<b>Flange a x b [mm]</b>	75	75	75	
<b>Fixing center c x d [mm]</b>	60	60	60	
<b>e [mm]</b>	13	15	14	
<b>f [mm]</b>	48	58	58	
<b>g [mm]</b>	5,5	5,5	5,5	
<b>h [mm]</b>	55	55	55	
<b>i [mm]</b>	87	93	100	
<b>x [mm]</b>	5	4,5	0	
<b>Wire flexible class 5 or 6 [mm<sup>2</sup>]</b>	1-2,5		2,5-6	
<b>Contact screws [Ncm]</b>	100		110	
<b>Weight [g]</b>	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



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

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

	7715-6	
	7715-6d	with cap
7724-9	7724-6	
7724-9d	7724-6d	with cap
	<b>7725-6</b>	
	7725-6d	with cap



7715-6

16	5	5
32	4	5
32	5	5

	<b>77152-6k</b>	
77242-9k	77242-6k	
	<b>77252-6k</b>	



77152-6k

**flange 70 x 70 - fixing center 56 x 56**

16	5	10
32	4	10
32	5	10

	<b>8615-6</b>	
8624-9	8624-6	
	<b>8625-6</b>	



8624-6

**flange 75 x 75 - fixing center 60 x 60**

16	5	10
32	4	10
32	5	10

	<b>86152-6</b>	
86242-9	86242-6	
	<b>86252-6</b>	

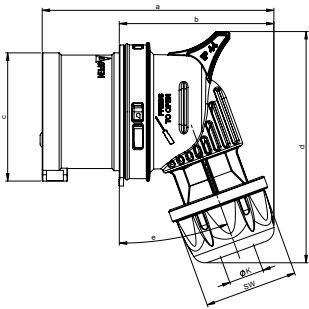


86152-6



# CEE Phase inverters

## Phase inverter - Angled plug IP44 **TWIST**

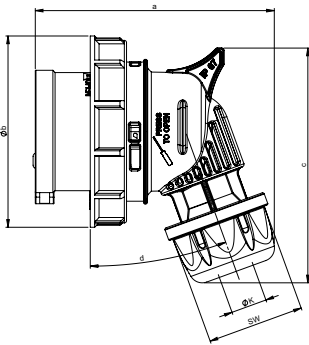


	16 Amp		32 Amp	
	4	5	4	5
<b>Poles</b>	4	5	4	5
<b>a [mm]</b>	98	107	125	137
<b>b [mm]</b>	62	71	80	92
<b>c [mm]</b>	53	61	63	70
<b>d [mm]</b>	91	102	110	121
<b>e [°]</b>	15	20	25	25
<b>K_cable Ø [mm]</b>	6-15	8-16	11,5-20	11,5-22
<b>Wire flexible class 5 or 6 [mm²]</b>	1-2,5		2,5-6	
<b>Contact screws [Ncm]</b>	100		110	
<b>SW [mm]</b>	38	42	50	50
<b>Weight [g]</b>	128	158	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**

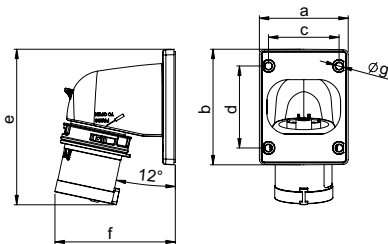


	16 Amp		32 Amp	
	4	5	4	5
<b>Poles</b>	4	5	4	5
<b>a [mm]</b>	100	109	126	136
<b>b [mm]</b>	79	87	93	100
<b>c [mm]</b>	94	107	110	118
<b>d [°]</b>	15	20	25	25
<b>K_cable Ø [mm]</b>	6-15	8-16	11,5-20	11,5-22
<b>Wire flexible class 5 or 6 [mm²]</b>	1-2,5		2,5-6	
<b>Contact screws [Ncm]</b>	100		110	
<b>SW [mm]</b>	38	42	50	50
<b>Weight [g]</b>	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**

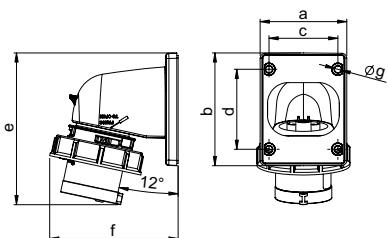


	16 Amp		32 Amp	
	4	5	4	5
<b>Poles</b>	4	5	4	5
<b>a [mm]</b>	66	90	90	90
<b>b [mm]</b>	86	100	100	100
<b>c [mm]</b>	53	77	77	77
<b>d [mm]</b>	61	85	85	85
<b>e [mm]</b>	117	153	163	164
<b>f [mm]</b>	93	98	100	103
<b>g [mm]</b>	5	5	5	5
<b>Wire flexible class 5 or 6 [mm²]</b>	1-2,5		2,5-6	
<b>Contact screws [Ncm]</b>	100		110	
<b>Weight [g]</b>	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	
	4	5	4	5
<b>Poles</b>	4	5	4	5
<b>a [mm]</b>	66	90	90	90
<b>b [mm]</b>	86	100	100	100
<b>c [mm]</b>	53	77	77	77
<b>d [mm]</b>	61	85	85	85
<b>e [mm]</b>	117	153	163	164
<b>f [mm]</b>	103	107	110	114
<b>g [mm]</b>	5	5	5	5
<b>Wire flexible class 5 or 6 [mm²]</b>	1-2,5		2,5-6	
<b>Contact screws [Ncm]</b>	100		110	
<b>Weight [g]</b>	171	220	261	297

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

**IP67** watertight

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

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

7414-9	7414-6
	<b>7415-6</b>
7424-9	7424-6
	<b>7425-6</b>



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

74142-9	74142-6
	<b>74152-6</b>
	74242-6
	<b>74252-6</b>



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

77814-9	77814-6
	<b>77815-6</b>
77824-9	77824-6
	<b>77825-6</b>



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

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

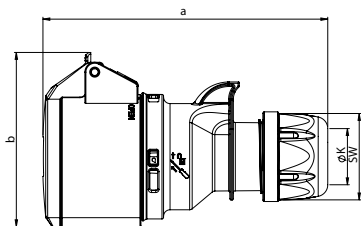


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# CEE Connectors

## Connector IP44/54

### SHARK



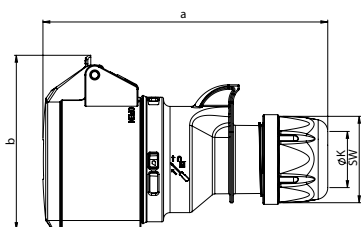
	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	133	138	145	161	161	168
<b>b [mm]</b>	74	82	89	94	94	99
<b>K_cable Ø [mm]</b>	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Contact screws [Ncm]</b>	100			110		
<b>SW [mm]</b>	42	42	42	50	50	50
<b>Weight [g]</b>	133	161	182	228	244	270

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

**IP44/54** splash- and dustproof

## Connector IP44/54

### SHARK TT



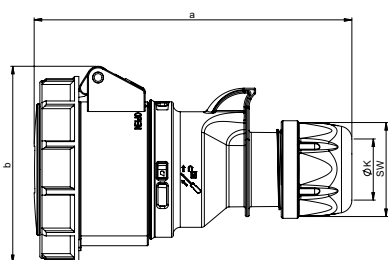
	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	133	138	145	161	161	168
<b>b [mm]</b>	74	82	89	94	94	99
<b>K_cable Ø [mm]</b>	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>SW [mm]</b>	42	42	42	50	50	50
<b>Weight [g]</b>	136	161	189	228	243	271

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

**IP44/54** splash- and dustproof

## Connector IP66/67

### SHARK



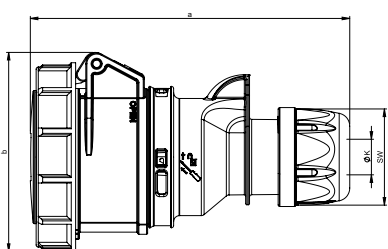
	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	132	139	147	163	163	171
<b>b [mm]</b>	78	84	92	96	96	102
<b>K_cable Ø [mm]</b>	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Contact screws [Ncm]</b>	100			110		
<b>SW [mm]</b>	42	42	42	50	50	50
<b>Weight [g]</b>	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. 2152-6v

**IP66/67** watertight

## Connector IP66/67

### SHARK TT



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

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

**IP66/67** watertight

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



215-6

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



215-6TT

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz 4h <u>Cat.No.</u>	50/60Hz 3p=6h 4p+5p=9h <u>Cat.No.</u>	50/60Hz 3p=9h 4p+5p=6h <u>Cat.No.</u>	50/60Hz 7h <u>Cat.No.</u>	100-300Hz 10h <u>Cat.No.</u>	1h <u>Cat.No.</u>
<b>16</b>	<b>3</b>	10	2132-4	<b>2132-6</b>	2132-9	2132-7	2132-10	2132-1
<b>16</b>	<b>4</b>	10	2142-4	2142-9	<b>2142-6</b>	2142-7	2142-10	2142-1
<b>16</b>	<b>5</b>	10	2152-4	2152-9	<b>2152-6</b>	2152-7	2152-10	2152-1
<b>32</b>	<b>3</b>	10	2232-4	<b>2232-6</b>	2232-9	2232-7	2232-10	2232-1
<b>32</b>	<b>4</b>	10	2242-4	2242-9	<b>2242-6</b>	2242-7	2242-10	2242-1
<b>32</b>	<b>5</b>	10	2252-4	2252-9	<b>2252-6</b>	2252-7	2252-10	2252-1



2252-6

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz 4h <u>Cat.No.</u>	50/60Hz 3p=6h 4p+5p=9h <u>Cat.No.</u>	50/60Hz 3p=9h 4p+5p=6h <u>Cat.No.</u>	50/60Hz 7h <u>Cat.No.</u>	100-300Hz 10h <u>Cat.No.</u>	1h <u>Cat.No.</u>
<b>16</b>	<b>3</b>	10	2132-4TT	<b>2132-6TT</b>	2132-9TT			
<b>16</b>	<b>4</b>	10	2142-4TT	2142-9TT	<b>2142-6TT</b>			
<b>16</b>	<b>5</b>	10	2152-4TT	2152-9TT	<b>2152-6TT</b>			
<b>32</b>	<b>3</b>	10	2232-4TT	<b>2232-6TT</b>	2232-9TT			
<b>32</b>	<b>4</b>	10	2242-4TT	2242-9TT	<b>2242-6TT</b>			
<b>32</b>	<b>5</b>	10	2252-4TT	2252-9TT	<b>2252-6TT</b>			



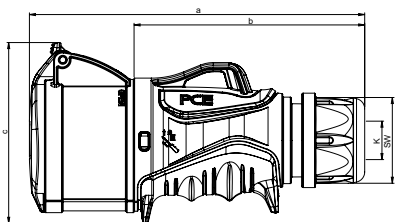
2252-6TT

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# CEE Connectors

## Connector IP44/54

### GRIP



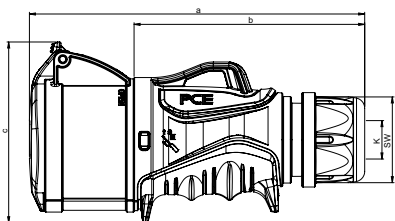
	16 Amp	32 Amp
<b>Poles</b>	5	5
<b>a [mm]</b>	168	194
<b>b [mm]</b>	117	134
<b>c [mm]</b>	93	105
<b>K_cable Ø [mm]</b>	8-16	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5	2,5-6
<b>Contact screws [Ncm]</b>	100	110
<b>SW [mm]</b>	42	50
<b>Weight [g]</b>	211	313

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

**IP44/54** splashproof

## Connector IP44/54

### GRIP TT



	16 Amp	32 Amp
<b>Poles</b>	5	5
<b>a [mm]</b>	168	194
<b>b [mm]</b>	117	134
<b>c [mm]</b>	93	105
<b>K_cable Ø [mm]</b>	8-16	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5	2,5-6
<b>SW [mm]</b>	42	50
<b>Weight [g]</b>	215	315

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

**IP44/54** splashproof

## STANDARD

with screw terminals



## TURBO TERMINAL TURBOclicks

screwless connection technology



## MIDNIGHT

also available in "black" with screw terminals



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



2153-6

16	5	10	2153-4TT	2153-9TT	<b>2153-6TT</b>			
32	5	10	2253-4TT	2253-9TT	<b>2253-6TT</b>			



2253-6TT

## MORE GRIP MORE „POWER“

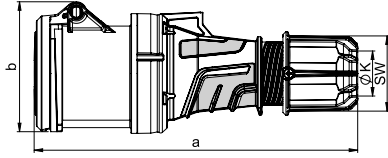
The CEE plugs and connectors of the GRIP series with rubberized surfaces provide more safety and perfect grip for all applications



# CEE Connectors

## Connector IP44

## POWERTWIST



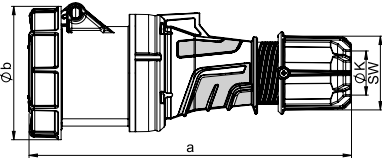
Poles	63 Amp		
	3	4	5
a [mm]	269	269	269
b [mm]	107	107	107
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36
Wire flexible [mm <sup>2</sup> ]	6-16		
Contact screws [Ncm]	200		
SW [mm]	61	61	61
Weight [g]	624	664	720

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

IP44 splashproof

## Connector IP66/67

## POWERTWIST



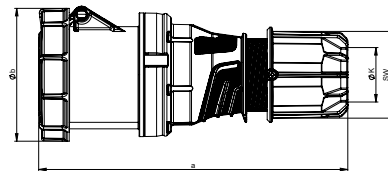
Poles	63 Amp		
	3	4	5
a [mm]	269	269	269
b [mm]	114	114	114
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36
Wire flexible [mm <sup>2</sup> ]	6-16		
Contact screws [Ncm]	200		
SW [mm]	61	61	61
Weight [g]	669	710	768

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

IP66/67 watertight

## Connector IP66/67

## POWERTWIST



Poles	125 Amp		
	3	4	5
a [mm]	287	287	287
b [mm]	124	124	124
K_cable Ø [mm]	22,5-50	22,5-50	22,5-50
Wire flexible [mm <sup>2</sup> ]	16-50		
Contact screws [Ncm]	450		
SW [mm]	81	81	81
Weight [g]	1060	1167	1266

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

IP66/67 watertight



## POWER TWIST

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



Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	1h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
63	3	2	2331-4	<b>2331-6</b>	2331-9	2331-7	2331-10	2331-1
63	4	2	2341-4	2341-9	<b>2341-6</b>	2341-7	2341-10	2341-1
63	5	2	2351-4	2351-9	<b>2351-6</b>	2351-7	2351-10	2351-1



2351-6

63	3	2	233-4	<b>233-6</b>	233-9	233-7	233-10	233-1
63	4	2	234-4	234-9	<b>234-6</b>	234-7	234-10	234-1
63	5	2	235-4	235-9	<b>235-6</b>	235-7	235-10	235-1



235-6

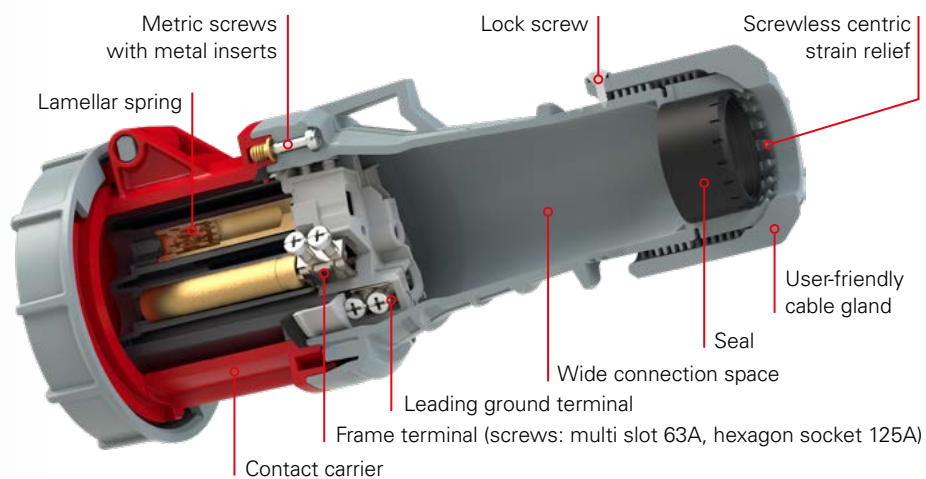
125	3	2	243-4	<b>243-6</b>	243-9	243-7	243-10	243-1
125	4	2	244-4	244-9	<b>244-6</b>	244-7	244-10	244-1
125	5	2	245-4	245-9	<b>245-6</b>	245-7	245-10	245-1



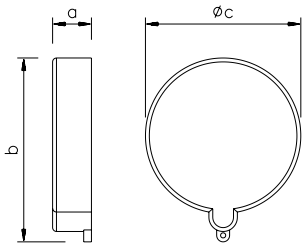
245-6

## One contact

for extreme environments



# Accessories



## Dust cap 16A and 32A

Poles	16 Amp				32 Amp			
	3	4	5	7	3	4	5	7
a [mm]	15	15	15	15	15	15	15	15
b [mm]	56	63	71	71	71	71	79	79
c [mm]	48	54	61	61	61	61	67	67
Weight [g]	10	12	14	14	14	14	16	16

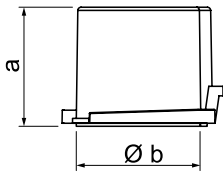
- for plugs and appliance plugs (except extra low voltage)
- to protect contacts against dust
- material: TPE/PP

## Dust cap 63A and 125A

Poles	63 Amp			125 Amp		
	3	4	5	3	4	5
a [mm]	21	21	21	21	21	21
b [mm]	82	82	82	93	93	93
c [mm]	73	73	73	86	86	86
Weight [g]	19	19	19	25	25	25

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

## Water protection cap 16A and 32A

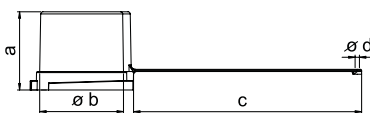


Poles	16 Amp				32 Amp			
	3	4	5	7	3	4	5	7
a [mm]	40	40	40	40	50	50	50	50
b [mm]	48	54	62	62	62	62	69	69
Weight [g]	16	19	26	26	27	27	33	33

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

**IP67** watertight

## Water protection cap 63A and 125A



Poles	63 Amp			125 Amp		
	3	4	5	3	4	5
a [mm]	72	72	72	82	82	82
b [mm]	78	78	78	91	91	91
c [mm]	211	211	211	205	205	205
d [mm]	4	4	4	5	5	5
Weight [g]	86	86	86	95	95	95

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

**IP67** watertight

## Special tool for cable gland nuts of plugs and connectors

**Note:** Consider rated torques - see page 12



**SHARK / GRIP 16/32A** wrench open, L=215mm

**Cat.No.**

**711632**

**POWERTWIST 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
16	7		
32	3	}	ts623g
32	4		
32	5		ts625g
32	7		



Amp.	Poles	pack. unit	Cat.No.
63	3	}	ts635g
63	4		
63	5		
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
16	7	10	
32	3	10	} 203234
32	4	10	
32	5	10	
32	7	10	} 20325



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



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PCE







MADE IN AUSTRIA



# CEE WALL AND FLANGED SOCKETS

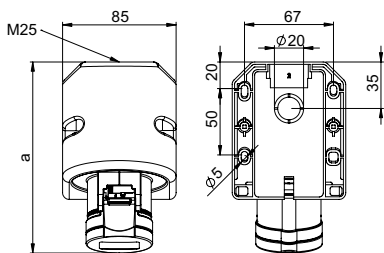
## 16A – 125A

		Page
	<b>CEE Wall sockets</b>	<b>60</b>
	<b>CEE Flanged sockets straight</b>	<b>72</b>
	<b>CEE Flanged sockets sloping</b>	<b>87</b>
	<b>CEE Design-Sockets</b>	<b>100</b>

Vertical sidebar containing navigation icons: information (i), search (magnifying glass), CEE logo, lock, various socket types, microphone, calculator, game controller, lightbulb, car, and hash symbol (#).

# CEE Wall sockets

## Wall socket IP44



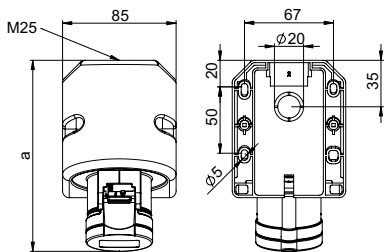
angle=15°

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a</b> [mm]	142	145	144	155	155	157
<b>Height</b> [mm]	97	98	104	106	106	111
<b>M</b> [mm]	25	25	25	25	25	25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Contact screws</b> [Ncm]	100			110		
<b>Weight</b> [g]	222	240	255	270	289	315

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

**IP44** splashproof

## Wall socket IP44 TT



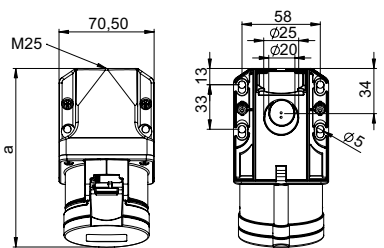
angle=15°

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a</b> [mm]	142	145	144	155	155	157
<b>Height</b> [mm]	97	98	104	106	106	111
<b>M</b> [mm]	25	25	25	25	25	25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Weight</b> [g]	228	240	260	274	290	315

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

**IP44** splashproof

## Wall socket IP44



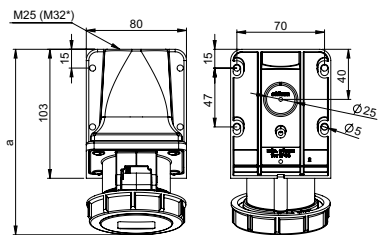
angle=15°

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a</b> [mm]	132	133	133	145	145	145
<b>Height</b> [mm]	94	97	100	103	103	107
<b>M</b> [mm]	25	25	25	25	25	25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Contact screws</b> [Ncm]	100			110		
<b>Weight</b> [g]	202	214	233	249	265	290

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

**IP44** splashproof

## Wall socket IP67



angle=15°

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a</b> [mm]	146	148	148	161	161	163
<b>Height</b> [mm]	96	99	102	108	108	112
<b>M*</b> [mm]	25	25	25	25	25	25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Contact screws</b> [Ncm]	100			110		
<b>Weight</b> [g]	222	248	275	298	314	351

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

**IP67** watertight

\*M32 optional on request available

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

16	3	10	113-4	<b>113-6</b>	113-9	113-7	113-10	113-1
16	4	10	114-4	114-9	<b>114-6</b>	114-7	114-10	114-1
16	5	10	115-4	115-9	<b>115-6</b>	115-7	115-10	115-1
32	3	10	123-4	<b>123-6</b>	123-9	123-7	123-10	123-1
32	4	10	124-4	124-9	<b>124-6</b>	124-7	124-10	124-1
32	5	10	125-4	125-9	<b>125-6</b>	125-7	125-10	125-1



113-6



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

TURBOclick  
TERMINAL



113-6TT

16	3	10	113-4k	<b>113-6k</b>	113-9k	113-7k	113-10k	113-1k
16	4	10	114-4k	114-9k	<b>114-6k</b>	114-7k	114-10k	114-1k
16	5	10	115-4k	115-9k	<b>115-6k</b>	115-7k	115-10k	115-1k
32	3	10	123-4k	<b>123-6k</b>	123-9k	123-7k	123-10k	123-1k
32	4	10	124-4k	124-9k	<b>124-6k</b>	124-7k	124-10k	124-1k
32	5	10	125-4k	125-9k	<b>125-6k</b>	125-7k	125-10k	125-1k



115-6k

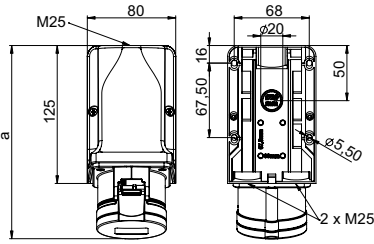
16	3	5	1132-4	<b>1132-6</b>	1132-9	1132-7	1132-10	1132-1
16	4	5	1142-4	1142-9	<b>1142-6</b>	1142-7	1142-10	1142-1
16	5	5	1152-4	1152-9	<b>1152-6</b>	1152-7	1152-10	1152-1
32	3	5	1232-4	<b>1232-6</b>	1232-9	1232-7	1232-10	1232-1
32	4	5	1242-4	1242-9	<b>1242-6</b>	1242-7	1242-10	1242-1
32	5	5	1252-4	1252-9	<b>1252-6</b>	1252-7	1252-10	1252-1



1152-6

# CEE Wall sockets

## Wall socket IP44



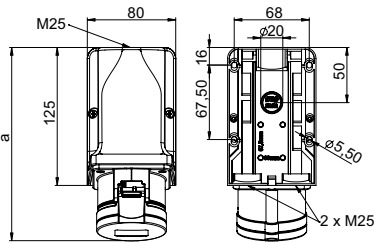
angle=15°

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

- with screw terminals
- **housing for wiring through** (without terminals)
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 915-6v
  - to order Turbo Terminal design (screwless connection technology) please add a „TT“ e.g. 915-6TT
- top, 2x bottom or rear entry
- incl. threaded cable grommet

**IP44** splashproof

## Wall socket IP44



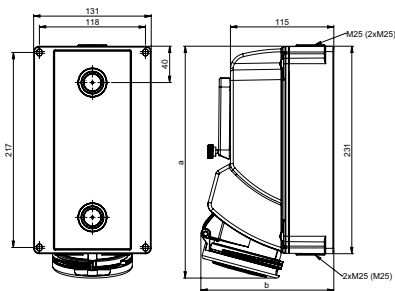
angle=15°

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

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

**IP44** splashproof

## Wall socket with window IP44



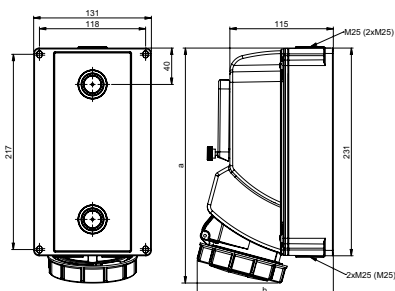
	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a</b> [mm]	249	249	249	259	259	259
<b>b</b> [mm]	141	141	141	142	142	148
<b>M*</b> [mm]	3x25	3x25	3x25	3x25	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Weight</b> [g]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

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

**IP44/54** splashproof

\* Option: M32 or closed

## Wall socket with window IP67



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

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

**IP67** watertight

\* Option: M32 or closed



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



913-6

16	3	5	913-4w	<b>913-6w</b>	913-9w	913-7w	913-10w	913-1w
16	4	5	914-4w	914-9w	<b>914-6w</b>	914-7w	914-10w	914-1w
16	5	5	915-4w	915-9w	<b>915-6w</b>	915-7w	915-10w	915-1w
32	3	5	923-4w	<b>923-6w</b>	923-9w	923-7w	923-10w	923-1w
32	4	5	924-4w	924-9w	<b>924-6w</b>	924-7w	924-10w	924-1w
32	5	5	925-4w	925-9w	<b>925-6w</b>	925-7w	925-10w	925-1w



913-6w

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



75253-6

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



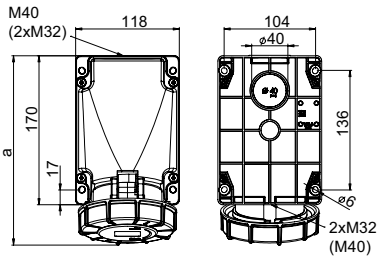
752523-6



# CEE Wall sockets

## Wall socket IP66/67

## POWER TWIST



angle=15°

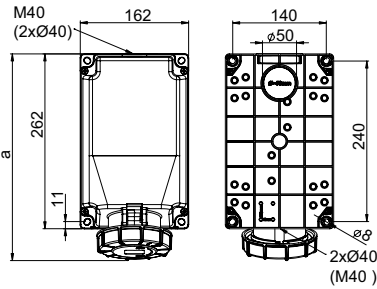
	63 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>a [mm]</b>	213	213	213
<b>Height [mm]</b>	173	173	173
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16		
<b>Wire solid [mm<sup>2</sup>]</b>	6-25		
<b>Contact screws [Ncm]</b>	200		
<b>Weight [g]</b>	820	862	923

- contact frame with screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact add a „5“ e.g. 1335-6 (see page 8)
  - to order with pilot contact system (PCS) add a „6“ e.g. 1336-6 (see page 8)
- top, bottom or rear entry
- housing can be rotated by 180°
- incl. threaded bung
- cable-glands see accessories page 56

**IP66/67** watertight  
**IP44** on request

## Wall socket IP66/67

## POWER TWIST



angle=15°

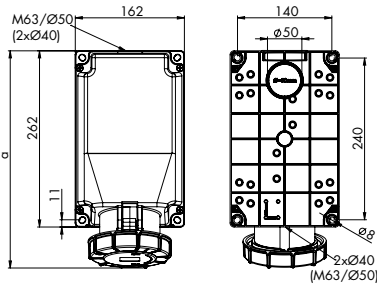
	63 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>a [mm]</b>	306	306	306
<b>Height [mm]</b>	195	195	195
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16		
<b>Wire solid [mm<sup>2</sup>]</b>	6-25		
<b>Contact screws [Ncm]</b>	200		
<b>Weight [g]</b>	1360	1409	1463

- contact frame with screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact add a „5“ e.g. 13575-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 13576-6 (see page 8)
- top, bottom or rear entry
- housing can be rotated by 180°
- incl. threaded bung
- cable-glands see accessories page 56

**IP66/67** watertight  
**IP44** on request

## Wall socket IP66/67

## POWER TWIST



angle=15°

	125 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>a [mm]</b>	322	322	322
<b>Height [mm]</b>	205	205	205
<b>Wire flexible [mm<sup>2</sup>]</b>	16-50		
<b>Wire solid [mm<sup>2</sup>]</b>	16-70		
<b>Contact screws [Ncm]</b>	450		
<b>Weight [g]</b>	1745	1752	1852

- contact frame with hexag socket screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact add a „5“ e.g. 1455-6 (see page 8)
  - to order with pilot contact system (PCS) add a „6“ e.g. 1456-6 (see page 8)
- top, bottom or rear entry
- housing can be rotated by 180°
- incl. threaded bung
- cable-glands see accessories page 56

**IP66/67** watertight

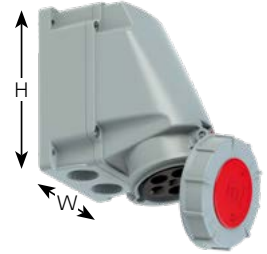
### Advantages:

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

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

Basic unit HxWxD = 170x118x173; 1xM40; 2xM32

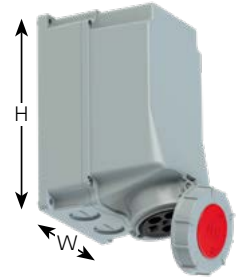
63	3	1	133-4	<b>133-6</b>	133-9	133-7	133-10	133-1
63	4	1	134-4	134-9	<b>134-6</b>	134-7	134-10	134-1
63	5	1	135-4	135-9	<b>135-6</b>	135-7	135-10	135-1



135-6

Basic unit HxWxD = 262x162x195; 1xM40; 2xØ40

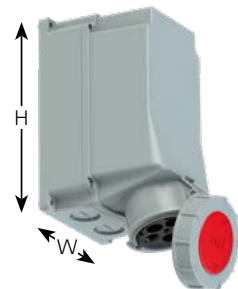
63	3	1	1337-4	<b>1337-6</b>	1337-9	1337-7	1337-10	1337-1
63	4	1	1347-4	1347-9	<b>1347-6</b>	1347-7	1347-10	1347-1
63	5	1	1357-4	1357-9	<b>1357-6</b>	1357-7	1357-10	1357-1



1357-6

Basic unit HxWxD = 262x162x205; 1xØ50; 2xØ40

125	3	1	143-4	<b>143-6</b>	143-9	143-7	143-10	143-1
125	4	1	144-4	144-9	<b>144-6</b>	144-7	144-10	144-1
125	5	1	145-4	145-9	<b>145-6</b>	145-7	145-10	145-1



145-6

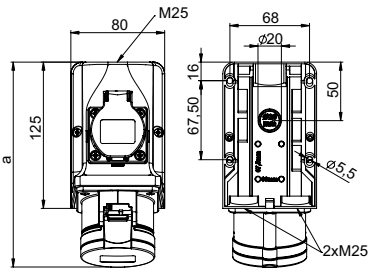


Accessories (cable glands)  
see page 56



# CEE Wall sockets COMBO

## Wall socket COMBO IP44



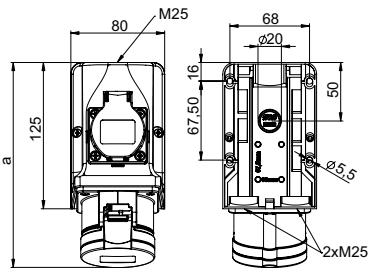
angle=15°

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a</b> [mm]	175	176	176	188	188	188
<b>Height</b> [mm]	127	130	133	136	136	141
<b>M</b> [mm]	3x25	3x25	3x25	3x25	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Contact screws CEE</b> [Ncm]	100			110		
<b>Screw terminals</b> [Ncm]	120					
<b>Weight</b> [g]	388	405	424	455	470	500

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

**IP44** splashproof

## Wall socket COMBO IP44



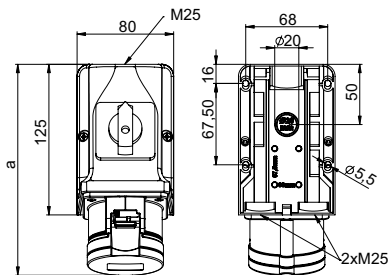
angle=15°

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a</b> [mm]	175	176	176	188	188	188
<b>Height</b> [mm]	127	130	133	136	136	141
<b>M</b> [mm]	3x25	3x25	3x25	3x25	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Contact screws CEE</b> [Ncm]	100			110		
<b>Screw terminals</b> [Ncm]	120					
<b>Contact screws SSD</b> [Ncm]	80					
<b>Weight</b> [g]	353	370	380	410	425	455

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

**IP44** splashproof

## Wall socket with switch IP44



angle=15°

	16 Amp	32 Amp*
	<b>Poles</b>	5
<b>a</b> [mm]	176	188
<b>Height</b> [mm]	133	143
<b>M</b> [mm]	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5	2,5-6
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4	2,5-10
<b>Weight</b> [g]	450	700

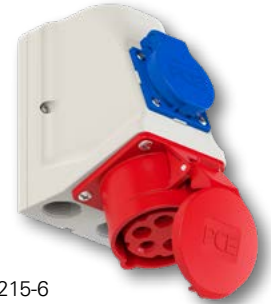
- with screw terminals
- wall socket with integrated **ON/OFF switch AC22A**
- connecting terminals up to 10 mm<sup>2</sup>
- **prewired**
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 75915-6v-p
- top, 2x bottom or rear entry
- incl. threaded cable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

**IP44** splashproof

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

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

<b>9213-6</b>	
9214-9	<b>9214-6</b>
	<b>9215-6</b>
<b>9223-6</b>	
	<b>9224-6</b>
	<b>9225-6</b>



9215-6

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

<b>9213-6w</b>	
9214-9w	<b>9214-6w</b>
	<b>9215-6w</b>
<b>9223-6w</b>	
	<b>9224-6w</b>
	<b>9225-6w</b>



9215-6w

16	5	5
32	5	5

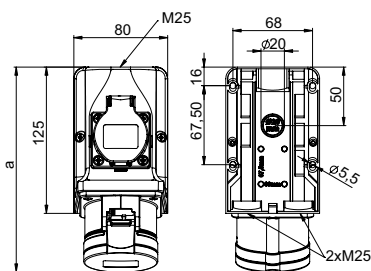
	<b>75915-6-p</b>
	<b>75925-6-p</b>



75915-6-p

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# CEE Wall sockets COMBO



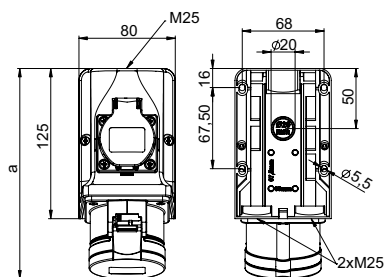
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## Wall socket COMBO IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a</b> [mm]	175	176	176	188	188	188
<b>Height</b> [mm]	127	130	133	136	136	141
<b>M</b> [mm]	3x25	3x25	3x25	3x25	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Contact screws CEE</b> [Ncm]	100			110		
<b>Screw terminals</b> [Ncm]	120					
<b>Weight</b> [g]	387	404	423	454	469	500

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

**IP44** splashproof



angle=15°

## Wall socket COMBO IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a</b> [mm]	175	176	176	188	188	188
<b>Height</b> [mm]	127	130	133	136	136	141
<b>M</b> [mm]	3x25	3x25	3x25	3x25	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Contact screws CEE</b> [Ncm]	100			110		
<b>Screw terminals</b> [Ncm]	120					
<b>Contact screws SSD</b> [Ncm]	80					
<b>Weight</b> [g]	352	369	388	409	424	500

- with screw terminals
- wall socket with integrated safety socket according to **French/Belgian system**
- connecting terminals up to 10 mm<sup>2</sup>
- **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. 9215-6fv
- top, 2x bottom or rear entry
- incl. threaded cable grommet

**IP44** splashproof

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



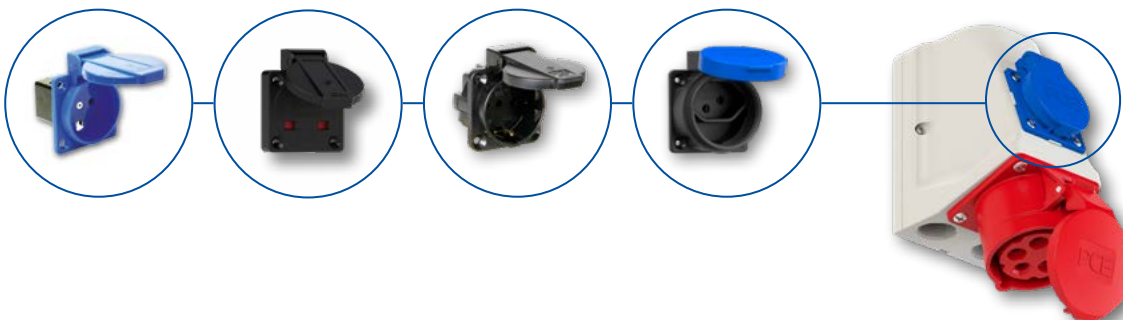
9215-6f

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



9215-6fw

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



Information icons: Information (i), Home (house icon), Search (magnifying glass), Print (printer icon), Zoom (magnifying glass with arrows), Refresh (circular arrow), Share (share icon), Gamepad (gamepad icon), Lightbulb (lightbulb icon), Car (car icon), Hash (#)

# CEE Wall sockets COMBO-POL

## Wall socket COMBO-POL with flanged socket sloping

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

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	208	209	207	211	211	212
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	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 French/Belgian, Danish, British and Swiss sockets
- design with rotary lever on request

**IP44** splashproof


## Wall socket COMBO-POL with flanged socket sloping

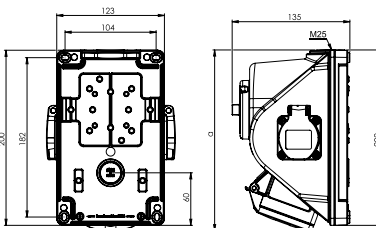
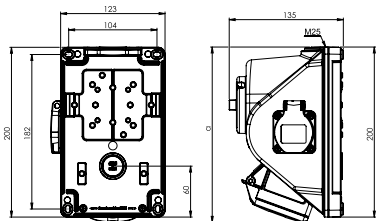
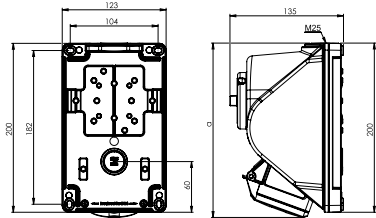
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	208	209	207	211	211	212
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	1-4			2,5-10		
Weight [g]	675	695	705	755	780	805

- 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 French/Belgian, 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					
<b>with reversing switch</b>										
16	4	1	960614501	L-O-R	0					
16	5	1	960615501	L-O-R	0					
32	4	1	960624501	L-O-R	0					
32	5	1	960625501	L-O-R	0					



96061550

Amp.	Poles	pack. unit	Cat.No.	Switch	# Socket outlets	System	Cat.No.	Switch	# Socket outlets	System
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

Amp.	Poles	pack. unit	Cat.No.	Switch	# Socket outlets	System	Cat.No.	Switch	# Socket outlets	System
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)

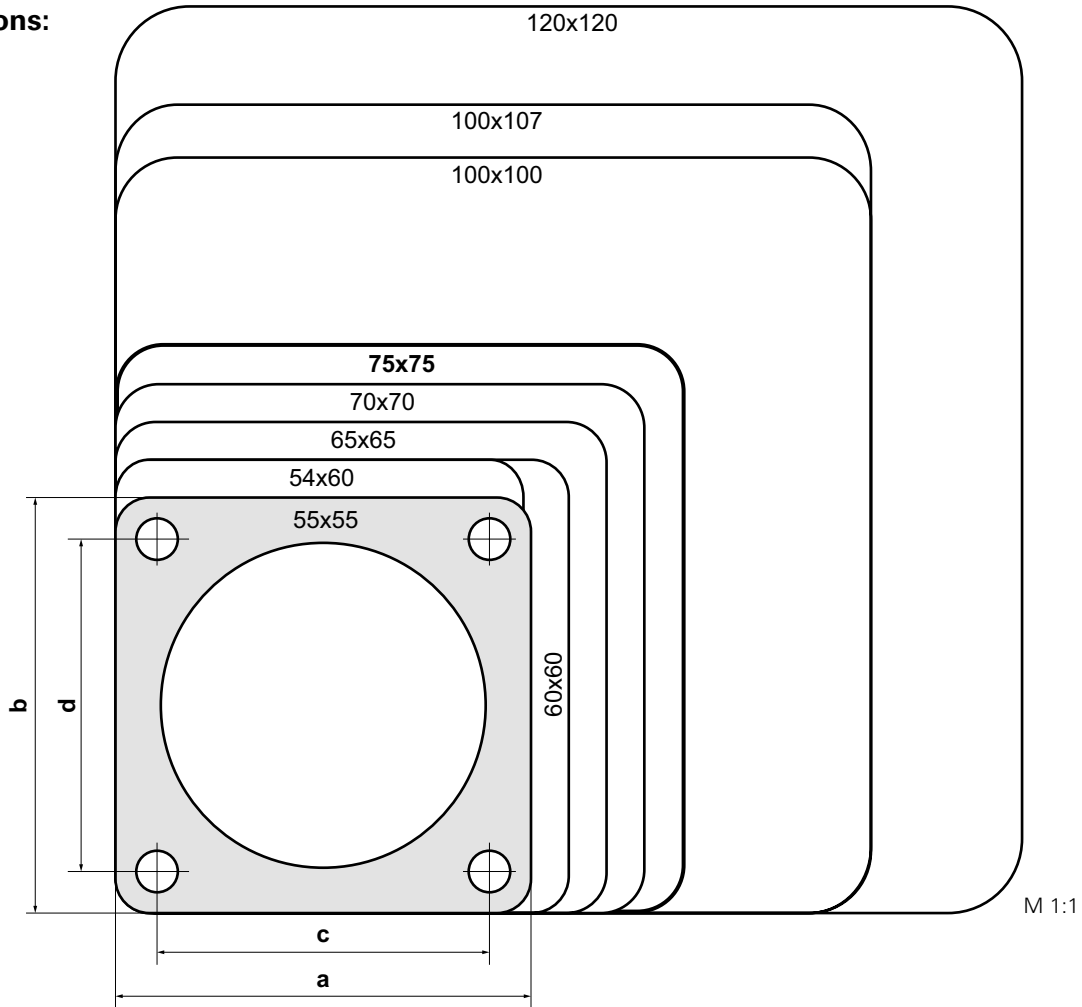
### Advantages:

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

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

**IP44/54** splash- and dustproof

## Flanged socket straight IP44/54 TT

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	75	75	75	75	75	75
<b>Fixing center c x d [mm]</b>	60	60	60	60	60	60
<b>e [mm]</b>	27	27	27	27	27	27
<b>f [mm]</b>	55	55	55	67	67	67
<b>g [mm]</b>	5,5	5,5	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	45	55	55	55	58
<b>i [mm]</b>	89	104	107	112	112	108
<b>j [mm]</b>	101	101	107	122	122	136
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10		
<b>Weight [g]</b>	123	139	155	167	182	211

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

**IP44/54** splash- and dustproof

## Flanged socket straight IP67

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	75	75	75	75	75	75
<b>Fixing center c x d [mm]</b>	60	60	60	60	60	60
<b>e [mm]</b>	21	21	21	23	23	23
<b>f [mm]</b>	56	57	59	69	69	71
<b>g [mm]</b>	5,5	5,5	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	45	55	55	55	58
<b>i [mm]</b>	102	108	117	122	122	130
<b>j [mm]</b>	101	109	115	130	130	136
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10		
<b>Contact screws [Ncm]</b>	100			110		
<b>Weight [g]</b>	135	153	180	206	222	256

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

**IP67** watertight

## Flanged socket straight IP67 TT

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

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

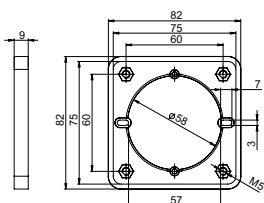
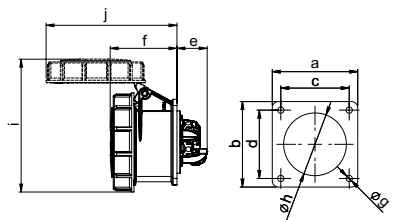
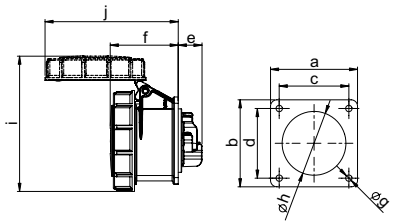
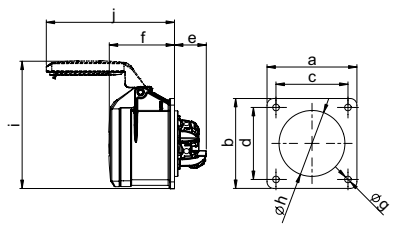
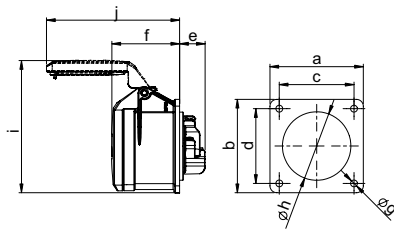
**IP67** watertight

## Cable conduit installation

Intermediate flange for cable conduit installation	
<b>for CEE flanged socket</b>	
<b>Flange</b>	75x75 mm
<b>Fixing center</b>	60x60 mm

- 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

Cat.No. 810-00



Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	1h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>flange 75 x 75 - fixing center 60 x 60</b>								
16	3	10	313-4f7	<b>313-6f7</b>	313-9f7	313-7f7	313-10f7	313-1f7
16	4	10	314-4f7	314-9f7	<b>314-6f7</b>	314-7f7	314-10f7	314-1f7
16	5	10	315-4f7	315-9f7	<b>315-6f7</b>	315-7f7	315-10f7	315-1f7
32	3	10	323-4f7	<b>323-6f7</b>	323-9f7	323-7f7	323-10f7	323-1f7
32	4	10	324-4f7	324-9f7	<b>324-6f7</b>	324-7f7	324-10f7	324-1f7
32	5	10	325-4f7	325-9f7	<b>325-6f7</b>	325-7f7	325-10f7	325-1f7



315-6f7

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	1h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>flange 75 x 75 - fixing center 60 x 60</b>								
16	3	10	313-4TTf7	<b>313-6TTf7</b>	313-9TTf7			
16	4	10	314-4TTf7	314-9TTf7	<b>314-6TTf7</b>			
16	5	10	315-4TTf7	315-9TTf7	<b>315-6TTf7</b>			
32	3	10	323-4TTf7	<b>323-6TTf7</b>	323-9TTf7			
32	4	10	324-4TTf7	324-9TTf7	<b>324-6TTf7</b>			
32	5	10	325-4TTf7	325-9TTf7	<b>325-6TTf7</b>			

**TURBOclick**  
**TERMINAL**



313-6TTf7

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	1h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>flange 75 x 75 - fixing center 60 x 60</b>								
16	3	10	3132-4	<b>3132-6</b>	3132-9	3132-7	3132-10	3132-1
16	4	10	3142-4	3142-9	<b>3142-6</b>	3142-7	3142-10	3142-1
16	5	10	3152-4	3152-9	<b>3152-6</b>	3152-7	3152-10	3152-1
32	3	10	3232-4	<b>3232-6</b>	3232-9	3232-7	3232-10	3232-1
32	4	10	3242-4	3242-9	<b>3242-6</b>	3242-7	3242-10	3242-1
32	5	10	3252-4	3252-9	<b>3252-6</b>	3252-7	3252-10	3252-1



3152-6

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	1h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>flange 75 x 75 - fixing center 60 x 60</b>								
16	3	10	3132-4TT	<b>3132-6TT</b>	3132-9TT			
16	4	10	3142-4TT	3142-9TT	<b>3142-6TT</b>			
16	5	10	3152-4TT	3152-9TT	<b>3152-6TT</b>			
32	3	10	3232-4TT	<b>3232-6TT</b>	3232-9TT			
32	4	10	3242-4TT	3242-9TT	<b>3242-6TT</b>			
32	5	10	3252-4TT	3252-9TT	<b>3252-6TT</b>			

**TURBOclick**  
**TERMINAL**



3132-6TT



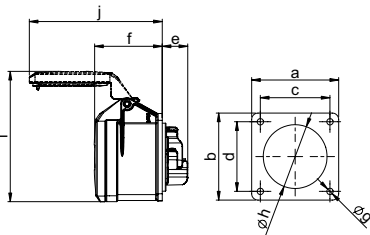
Conduit mounting box  
(e.g. 37004701)

Intermediate flange  
(810-00)

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

# CEE Flanged sockets straight

## Flanged socket straight IP44/54

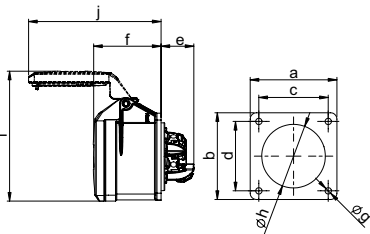


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	70	70	70	70	70	70
<b>Fixing center c x d [mm]</b>	56	56	56	56	56	56
<b>e [mm]</b>	21	21	21	23	23	23
<b>f [mm]</b>	55	55	55	67	67	67
<b>g [mm]</b>	5,5	5,5	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	45	55	55	55	58
<b>i [mm]</b>	87	101	105	112	112	108
<b>j [mm]</b>	101	101	107	122	122	136
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10		
<b>Contact screws [Ncm]</b>	100			110		
<b>Weight [g]</b>	115	127	145	162	178	206

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

**IP44/54** splash- and dustproof

## Flanged socket straight IP44/54 TT

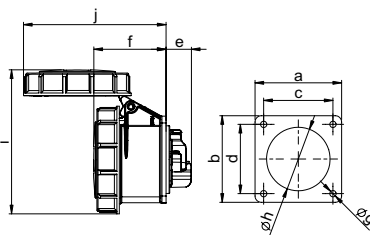


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	70	70	70	70	70	70
<b>Fixing center c x d [mm]</b>	56	56	56	56	56	56
<b>e [mm]</b>	27	27	27	27	27	27
<b>f [mm]</b>	55	55	55	67	67	67
<b>g [mm]</b>	5,5	5,5	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	45	55	55	55	58
<b>i [mm]</b>	87	101	105	112	112	108
<b>j [mm]</b>	101	101	107	122	122	136
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10		
<b>Weight [g]</b>	117	128	153	161	178	207

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

**IP44/54** splash- and dustproof

## Flanged socket straight IP67

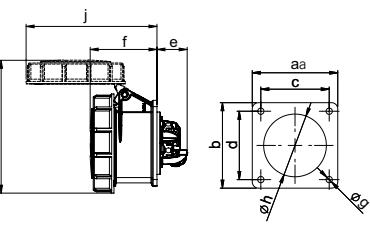


	16 Amp		32 Amp
	3	5	5
<b>Poles</b>	3	5	5
<b>Flange a x b [mm]</b>	70	70	70
<b>Fixing center c x d [mm]</b>	56	56	56
<b>e [mm]</b>	21	21	23
<b>f [mm]</b>	56	59	71
<b>g [mm]</b>	5,5	5,5	5,5
<b>h [mm]</b>	43	55	58
<b>i [mm]</b>	102	117	130
<b>j [mm]</b>	101	115	136
<b>Wire flexible [mm<sup>2</sup>]</b>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

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 3152-6T70v

**IP67** watertight

## Flanged socket straight IP67 TT



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

- screwless connection technology
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 3152-6TT70v

**IP67** watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	1h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>flange 70 x 70 - fixing center 56 x 56</b>								
16	3	10	313-4	<b>313-6</b>	313-9	313-7	313-10	313-1
16	4	10	314-4	314-9	<b>314-6</b>	314-7	314-10	314-1
16	5	10	315-4	315-9	<b>315-6</b>	315-7	315-10	315-1
32	3	10	323-4	<b>323-6</b>	323-9	323-7	323-10	323-1
32	4	10	324-4	324-9	<b>324-6</b>	324-7	324-10	324-1
32	5	10	325-4	325-9	<b>325-6</b>	325-7	325-10	325-1



315-6

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

**TURBO** clicks  
**TERMINAL**



315-6TT

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



3132-6f70

<b>flange 70 x 70 - fixing center 56 x 56</b>								
16	3	10	3132-4TTf70	<b>3132-6TTf70</b>	3132-9TTf70			
16	5	10	3152-4TTf70	3152-9TTf70	<b>3152-6TTf70</b>			
32	5	10	3252-4TTf70	3252-9TTf70	<b>3252-6TTf70</b>			

**TURBO** clicks  
**TERMINAL**



3132-6ttf70



# CEE Flanged sockets straight

## Flanged socket straight IP44/54

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

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

**IP44/54** splash- and dustproof

## Flanged socket straight IP44/54

	16 Amp		16 Amp	
	3	3	3	3
<b>Poles</b>	3	3	3	3
<b>Flange a [mm]</b>	54	55	54	55
<b>Flange b [mm]</b>	60	55	60	55
<b>Fixing center c x d [mm]</b>	44	44	44	44
<b>e [mm]</b>	21	21	21	21
<b>f [mm]</b>	55	55	55	55
<b>g [mm]</b>	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	43	43	43
<b>i [mm]</b>	82	80	82	80
<b>j [mm]</b>	101	101	101	101
<b>Wire flexible [mm<sup>2</sup>]</b>			1-2,5	
<b>Wire solid [mm<sup>2</sup>]</b>			1-4	
<b>Contact screws [Ncm]</b>			100	
<b>Weight [g]</b>	105	102	105	102

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

**IP44/54** splash- and dustproof

## Flanged socket straight IP67

	16 Amp			
	3	3	3	3
<b>Poles</b>	3	3	3	3
<b>Flange a [mm]</b>	65	60	54	55
<b>Flange b [mm]</b>	65	60	60	55
<b>Fixing center c x d [mm]</b>	52	47	44	44
<b>e [mm]</b>	21	21	21	21
<b>f [mm]</b>	56	56	56	56
<b>g [mm]</b>	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	43	43	43
<b>i [mm]</b>	100	100	100	100
<b>j [mm]</b>	101	101	101	101
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			
<b>Contact screws [Ncm]</b>	100			
<b>Weight [g]</b>	127	123	124	125

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

**IP67** watertight



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

<b>flange 65 x 65 - fixing center 52 x 52</b>								
16	3	10	313-4f0	<b>313-6f0</b>	313-9f0	313-7f0	313-10f0	313-1f0
16	4	10	314-4f0	314-9f0	<b>314-6f0</b>	314-7f0	314-10f0	314-1f0
<b>flange 60 x 60 - fixing center 47 x 47</b>								
16	3	10	313-4f6	<b>313-6f6</b>	313-9f6	313-7f6	313-10f6	313-1f6
16	4	10	314-4f6	314-9f6	<b>314-6f6</b>	314-7f6	314-10f6	314-1f6



313-6f0

<b>flange 54 x 60 - fixing center 44 x 44</b>								
16	3	10	313-4f9	<b>313-6f9</b>	313-9f9	313-7f9	313-10f9	313-1f9
<b>flange 55 x 55 - fixing center 44 x 44</b>								
16	3	10	313-4f5	<b>313-6f5</b>	313-9f5	313-7f5	313-10f5	313-1f5



313-6f9

<b>flange 65 x 65 - fixing center 52 x 52</b>								
16	3	10	3132-4f0	<b>3132-6f0</b>	3132-9f0	3132-7f0	3132-10f0	3132-1f0
<b>flange 60 x 60 - fixing center 47 x 47</b>								
16	3	10	3132-4f6	<b>3132-6f6</b>	3132-9f6	3132-7f6	3132-10f6	3132-1f6
<b>flange 54 x 60 - fixing center 44 x 44</b>								
16	3	10	3132-4f9	<b>3132-6f9</b>	3132-9f9	3132-7f9	3132-10f9	3132-1f9
<b>flange 55 x 55 - fixing center 44 x 44</b>								
16	3	10	3132-4f5	<b>3132-6f5</b>	3132-9f5	3132-7f5	3132-10f5	3132-1f5

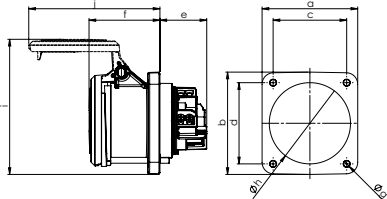


3132-6f9



# CEE Flanged sockets straight

## Flanged socket straight IP44 **POWER TWIST**

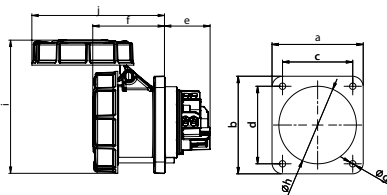


Poles	63 Amp			63 Amp		
	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100
Flange b [mm]	100	100	100	107	107	107
Fixing center c [mm]	80	80	80	77	77	77
Fixing center d [mm]	80	80	80	85	85	85
e [mm]	50	50	50	50	50	50
f [mm]	75	75	75	75	75	75
g [mm]	7	7	7	7	7	7
h [mm]	85	85	85	85	85	85
i [mm]	138	138	138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

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

IP44 splashproof

## Flanged socket straight IP66/67 **POWER TWIST**

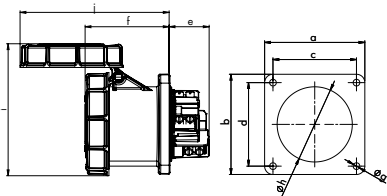


Poles	63 Amp			63 Amp		
	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100
Flange b [mm]	100	100	100	107	107	107
Fixing center c [mm]	80	80	80	77	77	77
Fixing center d [mm]	80	80	80	85	85	85
e [mm]	50	50	50	50	50	50
f [mm]	80	80	80	80	80	80
g [mm]	7	7	7	7	7	7
h [mm]	85	85	85	85	85	85
i [mm]	147	147	147	147	147	147
j [mm]	146	146	146	146	146	146
Wire flexible [mm <sup>2</sup> ]	6-16					
Wire solid [mm <sup>2</sup> ]	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. 3355-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 3356-6 (see page 8)

IP66/67 watertight

## Flanged socket straight IP66/67 **POWER TWIST**



Poles	125 Amp		
	3	4	5
Flange a x b [mm]	120	120	120
Fixing center c x d [mm]	100	100	100
e [mm]	48	48	48
f [mm]	101	101	101
g [mm]	8	8	8
h [mm]	90	90	90
i [mm]	159	159	159
j [mm]	179	179	179
Wire flexible [mm <sup>2</sup> ]	16-50		
Wire solid [mm <sup>2</sup> ]	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. 3455-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 3456-6 (see page 8)

IP66/67 watertight

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



3351-6

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



335-6

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



345-6

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# Surface outlet with/for flanged sockets

## Surface outlet for flanged sockets 75x75 IP44

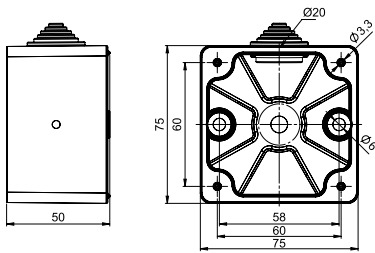
Robust surface outlet made of PA6 for surface sockets IP44 with flange size 75x75mm.

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

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

Scope of delivery:

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



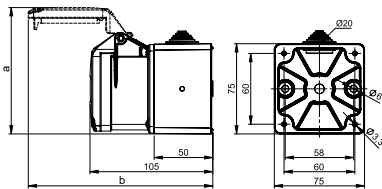
## Surface outlet with flanged socket 75x75 IP44

Poles	16 Amp		
	3	4	5
a [mm]	89	104	107
b [mm]	151	151	157
Weight [g] (blind)	190	205	220
Weight [g] (1 nipple)	210	225	240

For technical data of flanged socket see page 74

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

**IP44** splashproof



## Surface outlet for flanged sockets 75x75 IP67

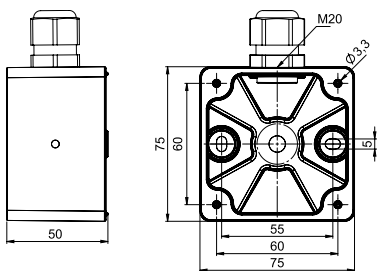
Robust surface outlet made of PA6 for surface sockets IP67 with flange size 75x75mm.

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

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

Scope of delivery:

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



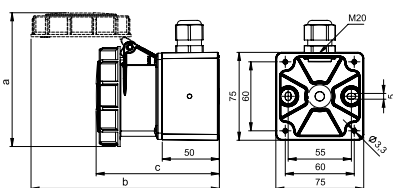
## Surface outlet with flanged socket 75x75 IP67

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

For technical data of flanged socket see page 74

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

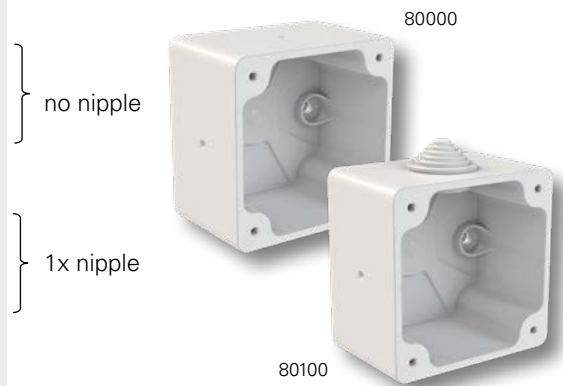
**IP67** watertight



230V~	400V~
50/60Hz	50/60Hz
3p = 6h	4p+5p = 6h
Cat.No.	Cat.No.

Amp.	Poles	pack. unit
		10
		10

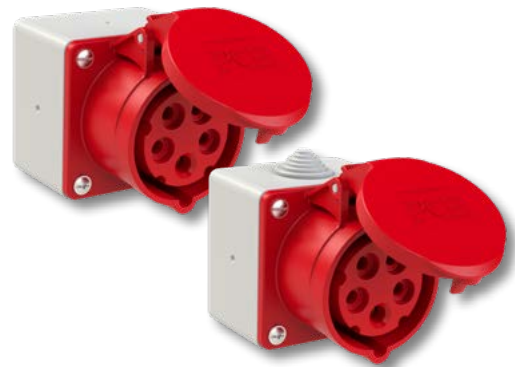
		80000
		80100



### Surface outlet complete

16	3	10
16	4	10
16	5	10
16	3	10
16	4	10
16	5	10

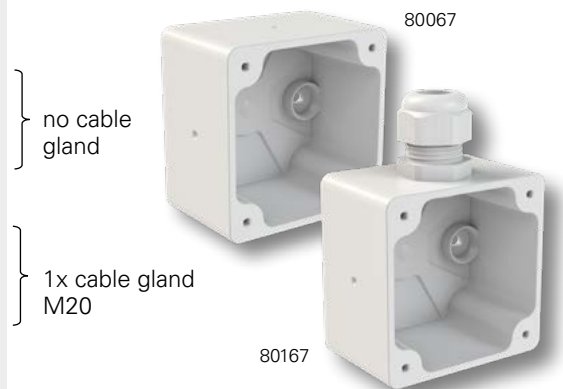
80013-6	80014-6 80015-6	} no nipple
80113-6	80114-6 80115-6	



32A and special clock positions on request!

		10
		10

		80067
		80167



### Surface outlet complete

16	3	10
16	4	10
16	5	10
16	3	10
16	4	10
16	5	10

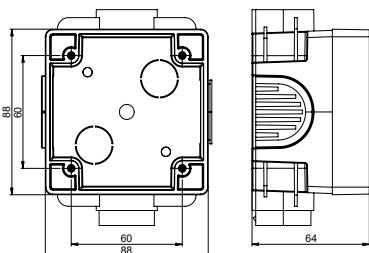
800132-6	800142-6 800152-6	} no cable gland
801132-6	801142-6 801152-6	



32A and special clock positions on request!

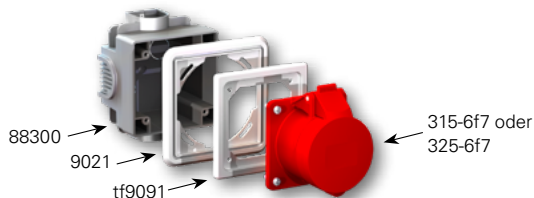


## Accessories for flanged sockets



### Flush outlet box for CEE flanged sockets straight

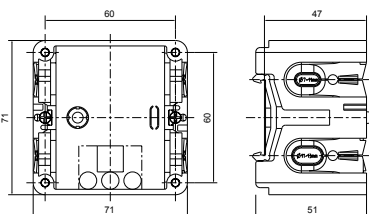
Example:



- Flush outlet box
- incl. 4 screws

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

Order information see page 104-105



### Trunking box for DIN-rail mounting IP20

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

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

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

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

Shipment:

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

### Finger protection for flanged sockets 16A/32A

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



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

**ts167s**

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

**ts327s**

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

		10			88300
--	--	----	--	--	-------



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



37004701

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



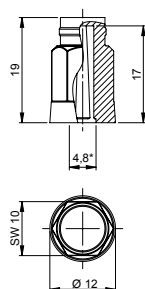
Example of use:



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# Mounting accessories for flanged sockets

## plastic nut with collar (isolated)



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

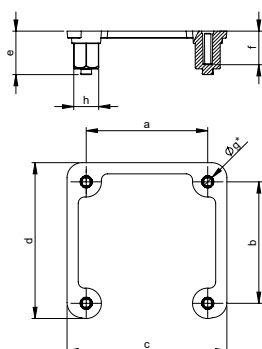
size	pack. unit	Cat.No.
4,8mm*	500	<b>tm500s</b>

\* 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
Øg*	4,2	4,8	4,8	4,8	4,8	4,8
h	SW8	SW10	SW10	SW10	SW10	SW10

\* recommended screw diameter

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

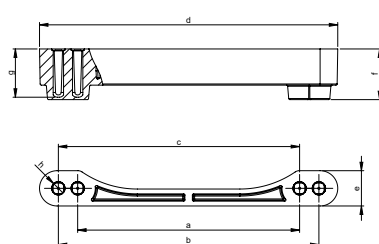
size	pack. unit	Cat.No.
38x38	500	<b>tm43838s</b>
50x65	100	<b>tm55065s</b>
56x56	100	<b>tm55656s</b>
58x33	100	<b>tm55833s</b>
60x60	100	<b>tm56060s</b>
60x73	100	<b>tm56073s</b>

## 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	<b>tm6880s</b>
92/100/108	10	<b>tm6100s</b>

Mounting example:

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

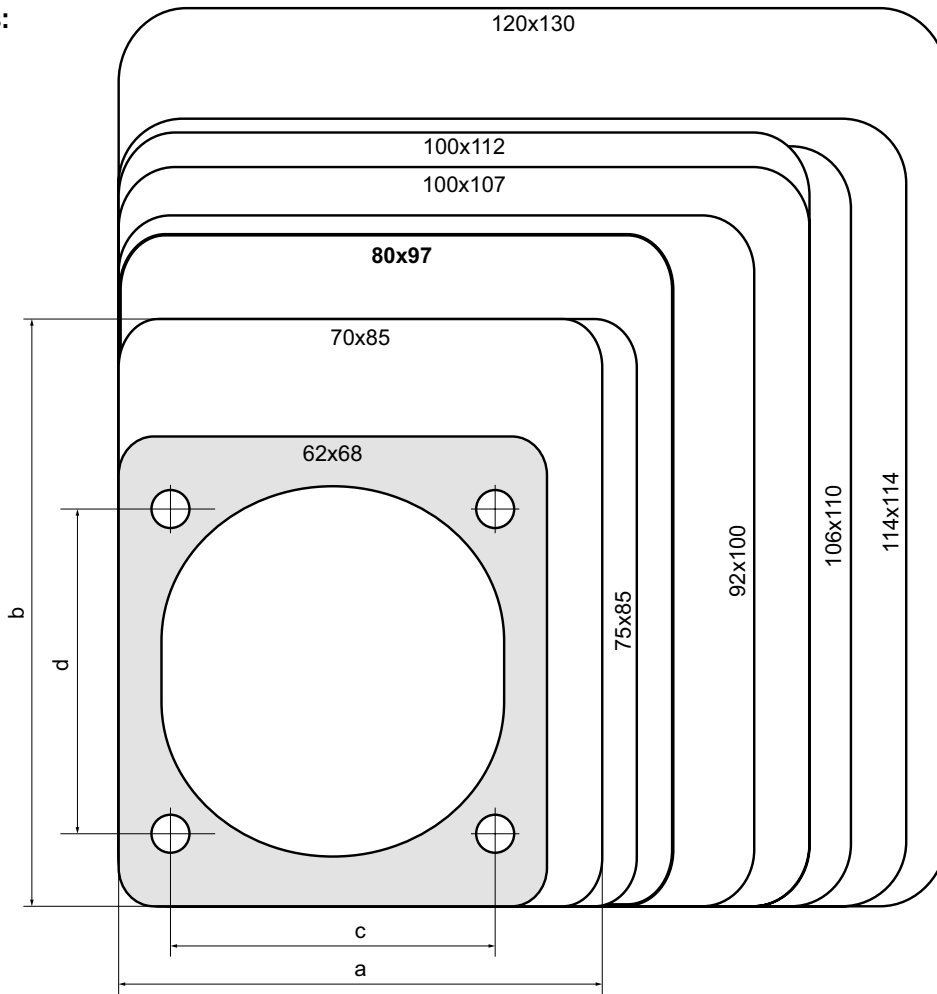
**tm56073s**  
 CEE flanged socket sloping  
 flange: 80x97mm  
 fixing center: 60x73mm





# 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*									
<b>80</b>	<b>97</b>	<b>60</b>	<b>73</b>	<b>88-89</b>	<b>IP44*</b>	<b>IP44*</b>	<b>IP44*</b>	<b>IP44*</b>	<b>IP44*</b>	<b>IP44*</b>						
					<b>IP67*</b>	<b>IP67*</b>	<b>IP67*</b>	<b>IP67*</b>	<b>IP67*</b>	<b>IP67*</b>						
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)



Vertical sidebar containing various icons: information (i), search, a red square icon with a white symbol, a magnifying glass, a power button, a lightbulb, a game controller, a car, and a hash symbol (#).

# CEE Flanged sockets sloping

## Flanged socket sloping IP44/54

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	38	38	38	48	48	48
f [mm]	47	47	49	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	84
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	97	103	105	105	105	99
k [mm]	99	104	111	119	119	130
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100			110		
Weight [g]	116	132	153	166	182	214

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

**IP44/54** splash- and dustproof

## Flanged socket sloping IP44/54 TT

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	41	41	41	48	48	48
f [mm]	47	47	49	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	84
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	97	103	105	105	105	99
k [mm]	99	104	111	119	119	130
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	1-4			2,5-10		
Weight [g]	119	133	158	165	182	215

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

**IP44/54** splash- and dustproof

## Flanged socket sloping IP67

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	38	38	38	48	48	48
f [mm]	50	52	55	59	59	61
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	84
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	102	106	114	120	120	127
k [mm]	103	110	119	127	127	133
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	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. 4152-6Tf78v

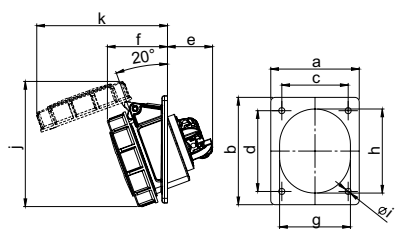
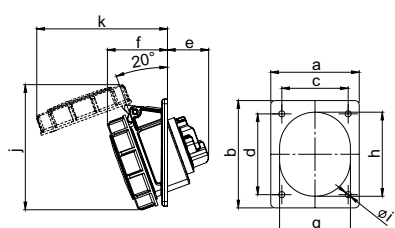
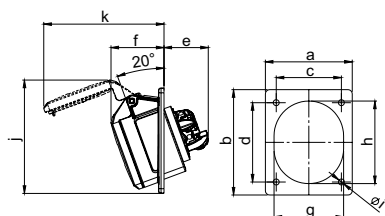
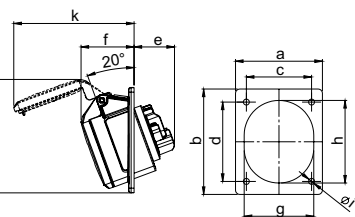
**IP67** watertight

## Flanged socket sloping IP67 TT

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	41	41	41	48	48	48
f [mm]	50	52	55	59	59	61
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	84
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	102	106	114	120	120	127
k [mm]	103	110	119	127	127	133
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	1-4			2,5-10		
Weight [g]	134	154	191	207	224	263

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

**IP67** watertight



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

**flange 80 x 97 - fixing center 60 x 73**

16	3	10	413-4f8	<b>413-6f8</b>	413-9f8	413-7f8	413-10f8	413-1f8
16	4	10	414-4f8	414-9f8	<b>414-6f8</b>	414-7f8	414-10f8	414-1f8
16	5	10	415-4	415-9	<b>415-6</b>	415-7	415-10	415-1
<b>32</b>	<b>3</b>	10	423-4	<b>423-6</b>	423-9	423-7	423-10	423-1
<b>32</b>	<b>4</b>	10	424-4	424-9	<b>424-6</b>	424-7	424-10	424-1
<b>32</b>	<b>5</b>	10	425-4	425-9	<b>425-6</b>	425-7	425-10	425-1



415-6

**flange 80 x 97 - fixing center 60 x 73**

16	3	10	413-4TTf8	<b>413-6TTf8</b>	413-9TTf8			
16	4	10	414-4TTf8	414-9TTf8	<b>414-6TTf8</b>			
16	5	10	415-4TT	415-9TT	<b>415-6TT</b>			
<b>32</b>	<b>3</b>	10	423-4TT	<b>423-6TT</b>	423-9TT			
<b>32</b>	<b>4</b>	10	424-4TT	424-9TT	<b>424-6TT</b>			
<b>32</b>	<b>5</b>	10	425-4TT	425-9TT	<b>425-6TT</b>			

**TURBOclick**  
**TERMINAL**



415-6TT

**flange 80 x 97 - fixing center 60 x 73**

16	3	10	4132-4f8	<b>4132-6f8</b>	4132-9f8	4132-7f8	4132-10f8	4132-1f8
16	4	10	4142-4f8	4142-9f8	<b>4142-6f8</b>	4142-7f8	4142-10f8	4142-1f8
16	5	10	4152-4f78	4152-9f78	<b>4152-6f78</b>	4152-7f78	4152-10f78	4152-1f78
<b>32</b>	<b>3</b>	10	4232-4f78	<b>4232-6f78</b>	4232-9f78	4232-7f78	4232-10f78	4232-1f78
<b>32</b>	<b>4</b>	10	4242-4f78	4242-9f78	<b>4242-6f78</b>	4242-7f78	4242-10f78	4242-1f78
<b>32</b>	<b>5</b>	10	4252-4f78	4252-9f78	<b>4252-6f78</b>	4252-7f78	4252-10f78	4252-1f78



4152-6f78

**flange 80 x 97 - fixing center 60 x 73**

16	3	10	4132-4TTf8	<b>4132-6TTf8</b>	4132-9TTf8			
16	4	10	4142-4TTf8	4142-9TTf8	<b>4142-6TTf8</b>			
16	5	10	4152-4TTf78	4152-9TTf78	<b>4152-6TTf78</b>			
<b>32</b>	<b>3</b>	10	4232-4TTf78	<b>4232-6TTf78</b>	4232-9TTf78			
<b>32</b>	<b>4</b>	10	4242-4TTf78	4242-9TTf78	<b>4242-6TTf78</b>			
<b>32</b>	<b>5</b>	10	4252-4TTf78	4252-9TTf78	<b>4252-6TTf78</b>			

**TURBOclick**  
**TERMINAL**

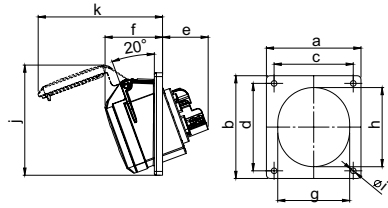


4152-6TTf78



# CEE Flanged sockets sloping

## Flanged socket sloping IP44/54

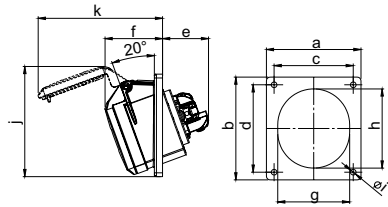


	16 Amp	
<b>Poles</b>	3	4
<b>Flange a</b> [mm]	70	70
<b>Flange b</b> [mm]	85	85
<b>Fixing center c</b> [mm]	50	50
<b>Fixing center d</b> [mm]	65	65
<b>e</b> [mm]	38	38
<b>f</b> [mm]	47	47
<b>g</b> [mm]	51	56
<b>h</b> [mm]	61	67
<b>i</b> [mm]	5,5	5,5
<b>j</b> [mm]	85	96
<b>k</b> [mm]	99	104
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5	
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4	
<b>Contact screws</b> [Ncm]	100	
<b>Weight</b> [g]	109	127

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

**IP44/54** splash- and dustproof

## Flanged socket sloping IP44/54 TT

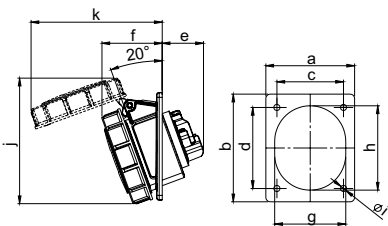


	16 Amp	
<b>Poles</b>	3	4
<b>Flange a</b> [mm]	70	70
<b>Flange b</b> [mm]	85	85
<b>Fixing center c</b> [mm]	50	50
<b>Fixing center d</b> [mm]	65	65
<b>e</b> [mm]	41	41
<b>f</b> [mm]	47	47
<b>g</b> [mm]	51	56
<b>h</b> [mm]	61	67
<b>i</b> [mm]	5,5	5,5
<b>j</b> [mm]	85	96
<b>k</b> [mm]	99	104
<b>Wire flexible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

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

**IP44/54** splash- and dustproof

## Flanged socket sloping IP67

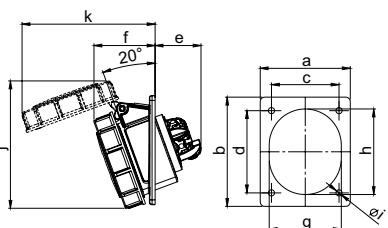


	16 Amp	
<b>Poles</b>	3	4
<b>Flange a</b> [mm]	70	70
<b>Flange b</b> [mm]	85	85
<b>Fixing center c</b> [mm]	50	50
<b>Fixing center d</b> [mm]	65	65
<b>e</b> [mm]	38	38
<b>f</b> [mm]	50	52
<b>g</b> [mm]	51	56
<b>h</b> [mm]	61	67
<b>i</b> [mm]	5,5	5,5
<b>j</b> [mm]	97	104
<b>k</b> [mm]	102	111
<b>Wire flexible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

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

**IP67** watertight

## Flanged socket sloping IP67 TT



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

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

**IP67** watertight

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



413-6



flange 70 x 85 - fixing center 50 x 65

16	3	10	413-4TT	<b>413-6TT</b>	413-9TT			
16	4	10	414-4TT	414-9TT	<b>414-6TT</b>			

**TURBO** click  
TERMINAL



414-6TT



flange 70 x 85 - fixing center 50 x 65

16	3	10	4132-4f78	<b>4132-6f78</b>	4132-9f78	4132-7f78	4132-10f78	4132-1f78
16	4	10	4142-4f78	4142-9f78	<b>4142-6f78</b>	4142-7f78	4142-10f78	4142-1f78



4132-6f78



flange 70 x 85 - fixing center 50 x 65

16	3	10	4132-4TTf78	<b>4132-6TTf78</b>	4132-9TTf78			
16	4	10	4142-4TTf78	4142-9TTf78	<b>4142-6TTf78</b>			

**TURBO** click  
TERMINAL

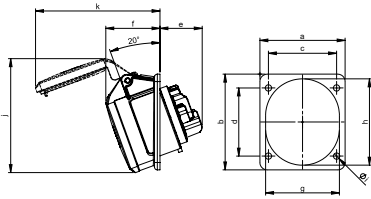


4142-6TTf78



# CEE Flanged sockets sloping

## Flanged socket sloping IP44/54

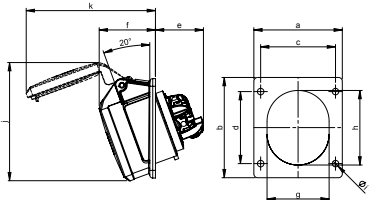


	16 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>Flange a</b> [mm]	75	75	75
<b>Flange b</b> [mm]	85	85	85
<b>Fixing center c x d</b> [mm]	60	60	60
<b>e</b> [mm]	38	38	39
<b>f</b> [mm]	47	47	48
<b>g</b> [mm]	51	56	65
<b>h</b> [mm]	61	67	76
<b>i</b> [mm]	5,5	5,5	5,5
<b>j</b> [mm]	85	96	101
<b>k</b> [mm]	99	104	111
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4		
<b>Contact screws</b> [Ncm]	100		
<b>Weight</b> [g]	109	127	148

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

**IP44/54** splash- and dustproof

## Flanged socket sloping IP44/54 TT

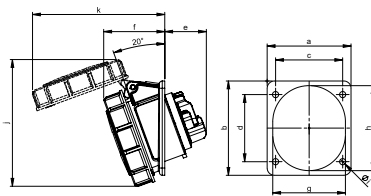


	16 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>Flange a</b> [mm]	75	75	75
<b>Flange b</b> [mm]	85	85	85
<b>Fixing center c x d</b> [mm]	60	60	60
<b>e</b> [mm]	41	41	41
<b>f</b> [mm]	47	47	49
<b>g</b> [mm]	51	56	65
<b>h</b> [mm]	61	67	76
<b>i</b> [mm]	5,5	5,5	5,5
<b>j</b> [mm]	85	96	101
<b>k</b> [mm]	99	104	111
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4		
<b>Weight</b> [g]	114	127	153

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

**IP44/54** splash- and dustproof

## Flanged socket sloping IP67

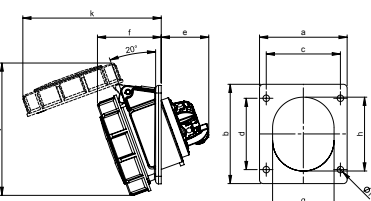


	16 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>Flange a</b> [mm]	75	75	75
<b>Flange b</b> [mm]	85	85	85
<b>Fixing center c x d</b> [mm]	60	60	60
<b>e</b> [mm]	38	38	39
<b>f</b> [mm]	49	50	54
<b>g</b> [mm]	51	56	65
<b>h</b> [mm]	61	67	76
<b>i</b> [mm]	5,5	5,5	5,5
<b>j</b> [mm]	97	104	114
<b>k</b> [mm]	102	111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

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

**IP67** watertight

## Flanged socket sloping IP67 TT



	16 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>Flange a</b> [mm]	75	75	75
<b>Flange b</b> [mm]	85	85	85
<b>Fixing center c x d</b> [mm]	60	60	60
<b>e</b> [mm]	41	41	41
<b>f</b> [mm]	49	50	54
<b>g</b> [mm]	51	56	65
<b>h</b> [mm]	61	67	76
<b>i</b> [mm]	5,5	5,5	5,5
<b>j</b> [mm]	97	104	114
<b>k</b> [mm]	102	111	119
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4		
<b>Weight</b> [g]	130	154	181

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

**IP67** watertight

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

			110V~	230V~	400V~	500V~	>50-500V~	>50V others
<b>flange 75 x 85 - fixing center 60 x 60</b>								
16	3	10	413-4f87	<b>413-6f87</b>	413-9f87	413-7f87	413-10f87	413-1f87
16	4	10	414-4f87	414-9f87	<b>414-6f87</b>	414-7f87	414-10f87	414-1f87
16	5	10	415-4f87	415-9f87	<b>415-6f87</b>	415-7f87	415-10f87	415-1f87



415-6f87

			110V~	230V~	400V~	500V~	>50-500V~	>50V others
<b>flange 75 x 85 - fixing center 60 x 60</b>								
16	3	10	413-4TTf87	<b>413-6TTf87</b>	413-9TTf87			
16	4	10	414-4TTf87	414-9TTf87	<b>414-6TTf87</b>			
16	5	10	415-4TTf87	415-9TTf87	<b>415-6TTf87</b>			

**TURBU** click  
**TERMINAL**



415-6TTf87

			110V~	230V~	400V~	500V~	>50-500V~	>50V others
<b>flange 75 x 85 - fixing center 60 x 60</b>								
16	3	10	4132-4f87	<b>4132-6f87</b>	4132-9f87	4132-7f87	4132-10f87	4132-1f87
16	4	10	4142-4f87	4142-9f87	<b>4142-6f87</b>	4142-7f87	4142-10f87	4142-1f87
16	5	10	4152-4f87	4152-9f87	<b>4152-6f87</b>	4152-7f87	4152-10f87	4152-1f87



4152-6f87

			110V~	230V~	400V~	500V~	>50-500V~	>50V others
<b>flange 75 x 85 - fixing center 60 x 60</b>								
16	3	10	4132-4TTf87	<b>4132-6TTf87</b>	4132-9TTf87			
16	4	10	4142-4TTf87	4142-9TTf87	<b>4142-6TTf87</b>			
16	5	10	4152-4TTf87	4152-9TTf87	<b>4152-6TTf87</b>			

**TURBU** click  
**TERMINAL**

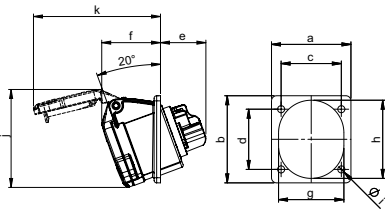


4152-6TTf87



# CEE Flanged sockets sloping - lockable / with switch

## Flanged socket sloping, lockable IP44/54

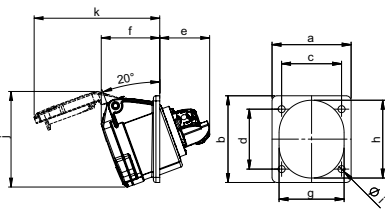


	16 Amp
<b>Poles</b>	3
<b>Flange a</b> [mm]	62
<b>Flange b</b> [mm]	68
<b>Fixing center c x d</b> [mm]	47
<b>e</b> [mm]	38
<b>f</b> [mm]	46
<b>g</b> [mm]	51
<b>h</b> [mm]	61
<b>i</b> [mm]	5,5
<b>j</b> [mm]	77
<b>k</b> [mm]	99
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5
<b>Wire solid</b> [mm <sup>2</sup>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

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

**IP44/54** splash- and dustproof

## Flanged socket sloping, lockable IP44/54 TT

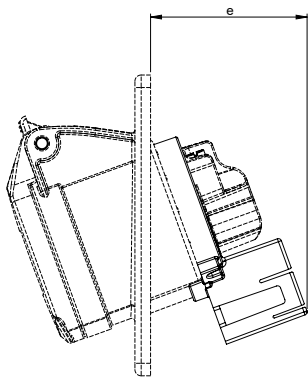


	16 Amp
<b>Poles</b>	3
<b>Flange a</b> [mm]	62
<b>Flange b</b> [mm]	68
<b>Fixing center c x d</b> [mm]	47
<b>e</b> [mm]	41
<b>f</b> [mm]	46
<b>g</b> [mm]	51
<b>h</b> [mm]	61
<b>i</b> [mm]	5,5
<b>j</b> [mm]	77
<b>k</b> [mm]	99
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4
<b>Weight</b> [g]	110

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

**IP44/54** splash- and dustproof

## Flanged socket sloping with auxiliary switch

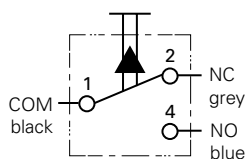


	16 Amp	32 Amp
<b>Poles</b>	3	3
<b>e</b> [mm]	51	58
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5	2,5-6
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4	2,5-10
<b>Auxiliary switch:</b>		
<b>Switching capacity</b>	10(1,5)A, 250VAC	
<b>Conductor</b>	3 x 0,75 mm <sup>2</sup>	
<b>Conductor length</b>	500 mm	
<b>Contacts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

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

further technical details please see flanged sockets without auxiliary switch

circuit diagram:



\* Shackle thickness Padlock: max. Ø7,5mm



Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz <b>4h</b>	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz <b>7h</b>	100-300Hz <b>10h</b>	<b>1h</b>
			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	<b>413-6f66</b>	413-9f66	413-7f66	413-10f66	413-1f66



flange 62 x 68 - fixing center 47 x 47					
16	3	10	413-4TTf66	<b>413-6TTf66</b>	413-9TTf66



Amp.	Poles	pack. unit		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



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



Information icons: i, power, lightning bolt, microphone, game controller, lightbulb, car, hash symbol.

# CEE Flanged sockets sloping

## Flanged socket sloping IP44/54

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a</b> [mm]	92	92	92	92	92	92
<b>Flange b</b> [mm]	100	100	100	100	100	100
<b>Fixing center c</b> [mm]	77	77	77	77	77	77
<b>Fixing center d</b> [mm]	85	85	85	85	85	85
<b>e</b> [mm]	33	34	38	48	48	48
<b>f</b> [mm]	49	51	52	54	54	55
<b>g</b> [mm]	51	56	65	65	65	70
<b>h</b> [mm]	61	67	76	75	75	80
<b>i</b> [mm]	5,5	5,5	5,5	5,5	5,5	5,5
<b>j</b> [mm]	86	102	107	107	107	101
<b>k</b> [mm]	102	107	111	121	121	132
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Contact screws</b> [Ncm]	100			110		
<b>Weight</b> [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. 415-6f9v

**IP44/54** splash- and dustproof

## Flanged socket sloping IP44/54 TT

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a</b> [mm]	92	92	92	92	92	92
<b>Flange b</b> [mm]	100	100	100	100	100	100
<b>Fixing center c</b> [mm]	77	77	77	77	77	77
<b>Fixing center d</b> [mm]	85	85	85	85	85	85
<b>e</b> [mm]	37	38	38	48	48	48
<b>f</b> [mm]	49	51	52	54	54	55
<b>g</b> [mm]	51	56	65	65	65	70
<b>h</b> [mm]	61	67	76	75	75	80
<b>i</b> [mm]	5,5	5,5	5,5	5,5	5,5	5,5
<b>j</b> [mm]	86	102	107	107	107	101
<b>k</b> [mm]	102	107	114	121	121	132
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Weight</b> [g]	141	147	170	180	199	230

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

**IP44/54** splash- and dustproof

## Flanged socket sloping IP67

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a</b> [mm]	92	92	92	92	92	92
<b>Flange b</b> [mm]	100	100	100	100	100	100
<b>Fixing center c</b> [mm]	77	77	77	77	77	77
<b>Fixing center d</b> [mm]	85	85	85	85	85	85
<b>e</b> [mm]	33	34	38	48	48	48
<b>f</b> [mm]	53	55	58	62	62	62
<b>g</b> [mm]	51	56	65	65	65	70
<b>h</b> [mm]	61	67	76	75	75	80
<b>i</b> [mm]	5,5	5,5	5,5	5,5	5,5	5,5
<b>j</b> [mm]	101	105	114	120	120	128
<b>k</b> [mm]	107	115	122	130	130	131
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Contact screws</b> [Ncm]	100			110		
<b>Weight</b> [g]	147	167	199	221	237	280

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

**IP67** watertight

## Flanged socket sloping IP67 TT

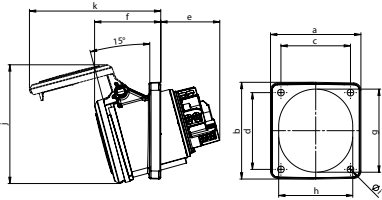
	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a</b> [mm]	92	92	92	92	92	92
<b>Flange b</b> [mm]	100	100	100	100	100	100
<b>Fixing center c</b> [mm]	77	77	77	77	77	77
<b>Fixing center d</b> [mm]	85	85	85	85	85	85
<b>e</b> [mm]	33	34	38	48	48	48
<b>f</b> [mm]	53	55	58	62	62	62
<b>g</b> [mm]	51	56	65	65	65	70
<b>h</b> [mm]	61	67	76	75	75	80
<b>i</b> [mm]	5,5	5,5	5,5	5,5	5,5	5,5
<b>j</b> [mm]	101	105	114	120	120	128
<b>k</b> [mm]	107	115	122	130	130	131
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4			2,5-10		
<b>Weight</b> [g]	149	168	203	220	237	282

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

**IP67** watertight



# CEE Flanged sockets sloping

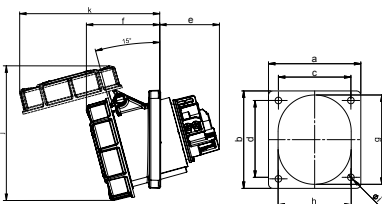


## Flanged socket sloping IP44 POWER TWIST

Poles	63 Amp			63 Amp			63 Amp		
	3	4	5	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100	106	106	106
Flange b [mm]	112	112	112	107	107	107	110	110	110
Fixing center c [mm]	80	80	80	77	77	77	90	90	90
Fixing center d [mm]	88	88	88	85	85	85	90	90	90
e [mm]	64	64	64	64	64	64	64	64	64
f [mm]	74	74	74	74	74	74	74	74	74
g [mm]	92	92	92	92	92	92	92	92	92
h [mm]	82	82	82	82	82	82	82	82	82
i [mm]	7	7	7	7	7	7	7	7	7
j [mm]	132	132	132	132	132	132	132	132	132
k [mm]	146	146	146	146	146	146	146	146	146
Wire flexible [mm <sup>2</sup> ]				6-16					
Wire solid [mm <sup>2</sup> ]				6-25					
Contact screws [Ncm]				200					
Weight [g]	447	492	547	443	488	543	450	495	550

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

IP44 splashproof

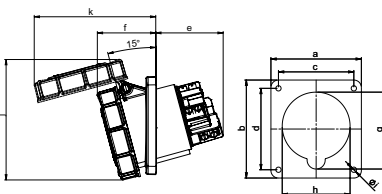


## Flanged socket sloping IP67 POWER TWIST

Poles	63 Amp			63 Amp			63 Amp		
	3	4	5	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100	106	106	106
Flange b [mm]	112	112	112	107	107	107	110	110	110
Fixing center c [mm]	80	80	80	77	77	77	90	90	90
Fixing center d [mm]	88	88	88	85	85	85	90	90	90
e [mm]	64	64	64	64	64	64	64	64	64
f [mm]	80	80	80	80	80	80	80	80	80
g [mm]	92	92	92	92	92	92	92	92	92
h [mm]	82	82	82	82	82	82	82	82	82
i [mm]	7	7	7	7	7	7	7	7	7
j [mm]	148	148	148	148	148	148	148	148	148
k [mm]	154	154	154	154	154	154	154	154	154
Wire flexible [mm <sup>2</sup> ]				6-16					
Wire solid [mm <sup>2</sup> ]				6-25					
Contact screws [Ncm]				200					
Weight [g]	495	540	595	491	536	591	498	543	598

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

IP66/67 watertight



## Flanged socket sloping IP67 POWER TWIST

Poles	125 Amp			125 Amp		
	3	4	5	3	4	5
Flange a [mm]	120	120	120	114	114	114
Flange b [mm]	130	130	130	114	114	114
Fixing center c [mm]	100	100	100	90	90	90
Fixing center d [mm]	108	108	108	90	90	90
e [mm]	92	92	92	92	92	92
f [mm]	77	77	77	77	77	77
g [mm]	102	102	102	102	102	102
h [mm]	90	90	90	90	90	90
i [mm]	7	7	7	7	7	7
j [mm]	160	160	160	160	160	160
k [mm]	162	162	162	162	162	162
Wire flexible [mm <sup>2</sup> ]				16-50		
Wire solid [mm <sup>2</sup> ]				16-70		
Contact screws [Ncm]				450		
Weight [g]	804	896	995	778	880	968

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

IP66/67 watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50V others
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	1h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>flange 100 x 112 - fixing center 80 x 88</b>								
63	3	2	4331-4	<b>4331-6</b>	4331-9	4331-7	4331-10	4331-1
63	4	2	4341-4	4341-9	<b>4341-6</b>	4341-7	4341-10	4341-1
63	5	2	4351-4	4351-9	<b>4351-6</b>	4351-7	4351-10	4351-1
<b>flange 100 x 107 - fixing center 77 x 85</b>								
63	3	2	4331-4fc	<b>4331-6fc</b>	4331-9fc	4331-7fc	4331-10fc	4331-1fc
63	4	2	4341-4fc	4341-9fc	<b>4341-6fc</b>	4341-7fc	4341-10fc	4341-1fc
63	5	2	4351-4fc	4351-9fc	<b>4351-6fc</b>	4351-7fc	4351-10fc	4351-1fc
<b>flange 106 x 110 - fixing center 90 x 90</b>								
63	3	2	4331-4fd	<b>4331-6fd</b>	4331-9fd	4331-7fd	4331-10fd	4331-1fd
63	4	2	4341-4fd	4341-9fd	<b>4341-6fd</b>	4341-7fd	4341-10fd	4341-1fd
63	5	2	4351-4fd	4351-9fd	<b>4351-6fd</b>	4351-7fd	4351-10fd	4351-1fd



4351-6

<b>flange 100 x 112 - fixing center 80 x 88</b>								
63	3	2	433-4	<b>433-6</b>	433-9	433-7	433-10	433-1
63	4	2	434-4	434-9	<b>434-6</b>	434-7	434-10	434-1
63	5	2	435-4	435-9	<b>435-6</b>	435-7	435-10	435-1
<b>flange 100 x 107 - fixing center 77 x 85</b>								
63	3	2	433-4fc	<b>433-6fc</b>	433-9fc	433-7fc	433-10fc	433-1fc
63	4	2	434-4fc	434-9fc	<b>434-6fc</b>	434-7fc	434-10fc	434-1fc
63	5	2	435-4fc	435-9fc	<b>435-6fc</b>	435-7fc	435-10fc	435-1fc
<b>flange 106 x 110 - fixing center 90 x 90</b>								
63	3	2	433-4fd	<b>433-6fd</b>	433-9fd	433-7fd	433-10fd	433-1fd
63	4	2	434-4fd	434-9fd	<b>434-6fd</b>	434-7fd	434-10fd	434-1fd
63	5	2	435-4fd	435-9fd	<b>435-6fd</b>	435-7fd	435-10fd	435-1fd



435-6

<b>flange 120 x 130 - fixing center 100 x 108</b>								
125	3	2	443-4	<b>443-6</b>	443-9	443-7	443-10	443-1
125	4	2	444-4	444-9	<b>444-6</b>	444-7	444-10	444-1
125	5	2	445-4	445-9	<b>445-6</b>	445-7	445-10	445-1
<b>flange 114 x 114 - fixing center 90 x 90</b>								
125	3	2	443-4fe	<b>443-6fe</b>	443-9fe	443-7fe	443-10fe	443-1fe
125	4	2	444-4fe	444-9fe	<b>444-6fe</b>	444-7fe	444-10fe	444-1fe
125	5	2	445-4fe	445-9fe	<b>445-6fe</b>	445-7fe	445-10fe	445-1fe



445-6









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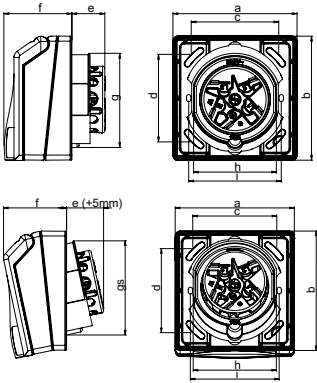


# DESIGN-SOCKETS

		Page
	<b>Flanged socket</b>	<b>102</b>
	<b>Surface outlet</b>	<b>102</b>
	<b>Flush outlet</b>	<b>102</b>
	<b>Accessories</b>	<b>104</b>



# Design-Socket

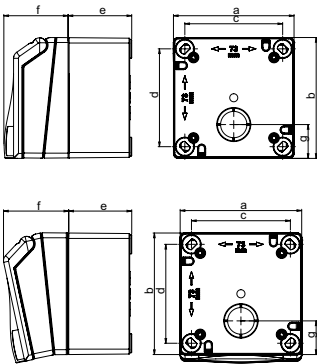


## Flanged socket

	16 Amp			32 Amp	SSD
<b>Poles</b>	3	4	5	5	2P+E
<b>Flange a x b [mm]</b>	90	90	90	90	90
<b>Fixing center c x d [mm]</b>	60	60	60	60	60
<b>e [mm]</b>	23	24	24	36	16
<b>f [mm]</b>	48	48	48	48	48
<b>g [mm]</b>	66	66	69	78	66
<b>gs [mm]</b>	69	69	72	78	69
<b>h [mm]</b>	63	63	63	74	63
<b>i [mm]</b>	67	67	67		67
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2x2,5			2,5-2x6	1-2x2,5
<b>Wire solid [mm<sup>2</sup>]</b>	1-2x4			2,5-2x10	1-2x2,5
<b>Contact screws [Ncm]</b>	100			110	
<b>Weight [g]</b>	194	212	231	287	186

- 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

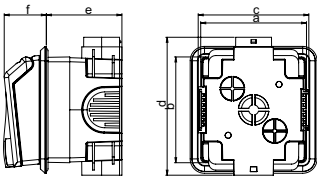


## Surface outlet

	16 Amp			32 Amp	SSD
<b>Poles</b>	3	4	5	5	2P+E
<b>Flange a x b [mm]</b>	90	90	90	90	90
<b>Fixing center c x d [mm]</b>	73	73	73	73	73
<b>e [mm]</b>	47	47	47	47	47
<b>f [mm]</b>	48	48	48	48	48
<b>g [mm]</b>	25	25	25	25	25
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2x2,5			2,5-2x6	1-2x2,5
<b>Wire solid [mm<sup>2</sup>]</b>	1-2x4			2,5-2x10	1-2x2,5
<b>Contact screws [Ncm]</b>	100			110	
<b>Weight [g]</b>	276	294	320	367	241

- 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
<b>Poles</b>	3	4	5	5	2P+E
<b>Flange a x b [mm]</b>	90	90	90	90	90
<b>Fixing center c [mm]</b>	92	92	92	92	92
<b>Fixing center d [mm]</b>	115	115	115	115	115
<b>e [mm]</b>	64	64	64	64	64
<b>f [mm]</b>	35	35	35	35	35
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2x2,5			2,5-2x6	1-2x2,5
<b>Wire solid [mm<sup>2</sup>]</b>	1-2x4			2,5-2x10	1-2x2,5
<b>Contact screws [Ncm]</b>	100			110	
<b>Weight [g]</b>	298	316	335	391	264

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

**IP44** splashproof



All Design-Sockets are safe against ball throwing according to 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~	230V~	400V~	250V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 2P+E
			Cat.No.	Cat.No.	Cat.No.	Cat.No.
			(CEE-socket)	(CEE-socket)	(CEE-socket)	(with safety socket acc. Austrian/German system)
16	3	6	843-4v	<b>843-6v</b>	843-9v	<b>8430v</b>
16	4	6	844-4v	844-9v	<b>844-6v</b>	
16	5	6	845-4v	845-9v	<b>845-6v</b>	
32	5	6	855-4v	855-9v	<b>855-6v</b>	
16	2P+E	6				



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



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



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

white (standard)

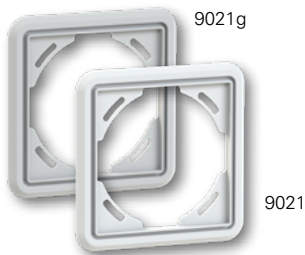


All Design-Sockets are available in the following colors: white (= standard) and light grey:

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



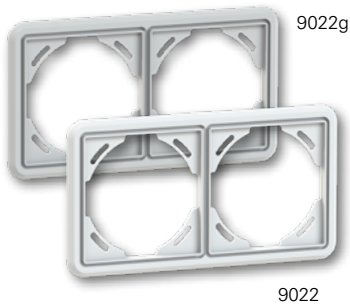
## Design-Socket Accessories



### Cover frame 1-way with gasket

- Dimensions: 105 x 105

white **9021**  
light grey **9021g**  
pack.unit: 25



### Cover frame 2-way with gasket - horizontal

- Dimensions: WxH 195x105mm
- only for horizontal mounting

white **9022**  
light grey **9022g**  
pack.unit: 25



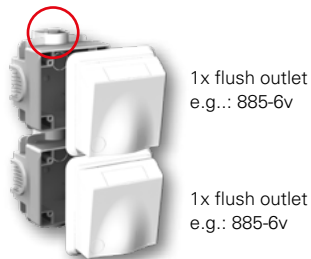
### Flush socket

- incl. screws 4 pcs.

light grey **88300**  
pack.unit: 10

#### Installation help:

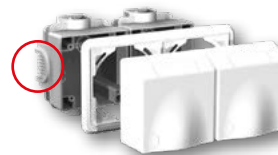
Connection device for 1-way frame



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

for flush socket 88300



**903**  
pack.unit: 25



### SET concrete flush socket incl. flanged design-socket 16A 5p IP44

**845-6v-P953**

pack.unit: 1

Complete set of CEE 16A 5p flanged socket inclusive membrane box (type PRIMO) for setting in concrete

SET consisting of:

- 1 Stk. concrete membrane box M1 CEE, installation depth 85mm (Primo #P953)
- 2 Stk. wings for attachment to the steel reinforcement (Primo #P761)
- 1 Stk. CEE-flanged socket 16A 5p IP44 (PCE #845-6v)
- 1 Stk. cover frame 1-way with gasket (PCE #9021)
- incl. mounting screws

## Blank flange for surface socket and flush socket\* as accessories

\*) assembly only possible with frame cover

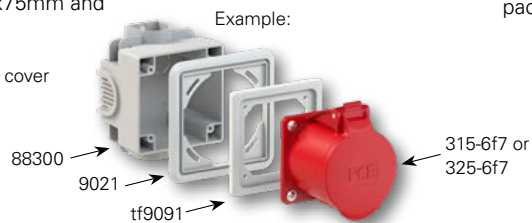
white **tf9092**  
light grey **tf9092g**  
pack.unit: 25



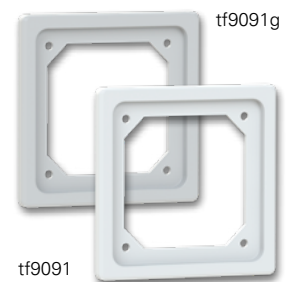
## Flange adapter for surface socket and flush socket\* as accessories

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

\*) assembly only possible with frame cover



white **tf9091**  
light grey **tf9091g**  
pack.unit: 25



## Surface socket

- incl. screws 4 pcs.



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

white **86300**  
light grey **86300g**  
pack.unit: 10



## Locking



simultaneous locking **901026**  
**901025**  
pack.unit: 1



**Fast and easy installation of the lock by loose locking outbreak**

## Surface outlet with data socket

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

white **86312k452**  
pack.unit: 6









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# SWITCHED INTERLOCKED SOCKETS

## 16A – 125A

		Page
	<b>Switched interlocked sockets – Compact series</b>	<b>108</b>
	<b>Switched interlocked sockets</b>	<b>112</b>
	<b>Switched interlocked sockets with DIN-rail</b>	<b>120</b>
	<b>Switched interlocked sockets fused</b>	<b>122</b>

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# Switched interlocked sockets – Compact series

mechanical interlock, lockable by padlock

## Switched interlocked socket - panel mounting IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	58	60	61	66	66	67
<b>Wire flexible [mm<sup>2</sup>]</b>	1,5-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1,5-4			2,5-10		
<b>Weight [g]</b>	427	471	494	485	530	562

- 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		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	59	61	65	67	67	70
<b>Wire flexible [mm<sup>2</sup>]</b>	1,5-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1,5-4			2,5-10		
<b>Weight [g]</b>	438	484	508	503	548	579

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

**IP66/67** watertight

### Advantages:

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

### Technical data:

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



Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	440V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	60Hz 3h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	1	6013-4	<b>6013-6</b>	6013-9		
16	4	1	6014-4	6014-9	<b>6014-6</b>	6014-7	
16	5	1	6015-4	6015-9	<b>6015-6</b>	6015-7	
32	3	1	6023-4	<b>6023-6</b>	6023-9		
32	4	1	6024-4	6024-9	<b>6024-6</b>	6024-7	
32	5	1	6025-4	6025-9	<b>6025-6</b>	6025-7	



6015-6

16	3	1	60132-4	<b>60132-6</b>	60132-9		
16	4	1	60142-4	60142-9	<b>60142-6</b>	60142-7	
16	5	1	60152-4	60152-9	<b>60152-6</b>	60152-7	
32	3	1	60232-4	<b>60232-6</b>	60232-9		
32	4	1	60242-4	60242-9	<b>60242-6</b>	60242-7	60242-3
32	5	1	60252-4	60252-9	<b>60252-6</b>	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)

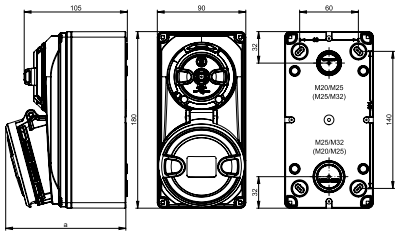
### compact housing design

same dimensions as the existing versions



# Switched interlocked sockets – Compact series

mechanical interlock, lockable by padlock

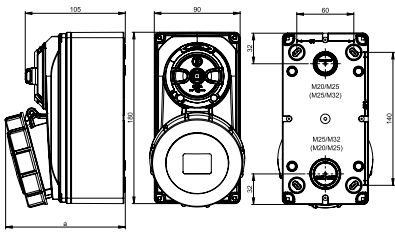


## Switched interlocked socket - wall mounting IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	115	117	118	123	123	124
<b>Wire flexible [mm<sup>2</sup>]</b>	1,5-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1,5-4			2,5-10		
<b>Weight [g]</b>	591	636	659	650	695	727

- 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

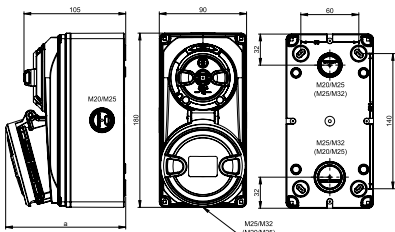


## Switched interlocked socket - wall mounting IP67

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	116	118	122	124	124	127
<b>Wire flexible [mm<sup>2</sup>]</b>	1,5-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1,5-4			2,5-10		
<b>Weight [g]</b>	602	649	673	668	713	744

- 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

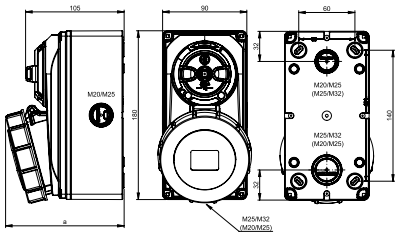


## Switched interlocked socket - wall mounting with knock-out IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	115	117	118	123	123	124
<b>Wire flexible [mm<sup>2</sup>]</b>	1,5-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1,5-4			2,5-10		
<b>Weight [g]</b>	591	636	659	650	695	727

- 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		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	116	118	122	124	124	127
<b>Wire flexible [mm<sup>2</sup>]</b>	1,5-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1,5-4			2,5-10		
<b>Weight [g]</b>	602	649	673	668	713	744

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

**IP66/67** watertight

### Advantages:

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



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

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

6115-6



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

61152-6



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

6115-6k



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

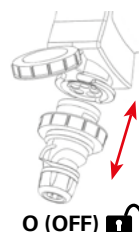
■ **Robust construction** for wall mounting

■ **Housing screws stainless steel**

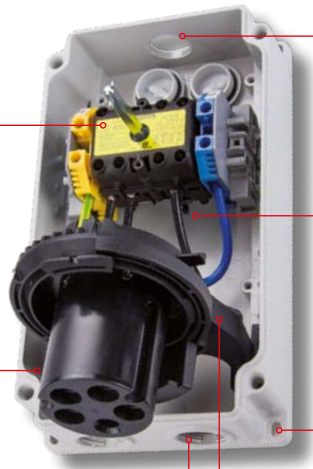


■ **Large rotary knob**  
3-times lockable in OFF position with padlock (40mm,  $\varnothing_{\text{max.}}$  9mm) 

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



- **On-/Off switch** PCE-MERZ ML0  
EN 60947-3;AC22A, 10kA  
*OPTION: PCE-MERZ ML1*  
EN 60947-3;AC22A, 10kA
- **Threaded insert top M25**  
Option: M32 or completely closed
- **Large connection area**  
DIN-rail mounting, ready wired
- **Mechanical interlock\***
- **Wall mounting** outside of the protected electrical area
- **Threaded insert bottom 2xM25**  
Option: 2xM32 or completely closed
- **Contact carrier system**  
simple accessibility for maintenance and the necessary check of the contacts
- **Housing can be rotated by 180°**



- **Switching mechanism**  
in the top cover
- **Captive screws**



## SWITCHED INTERLOCKED SOCKETS PROTECTED

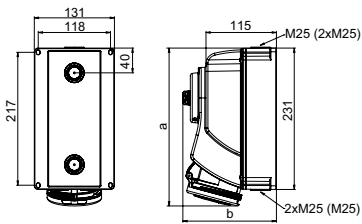
- long version (340mm) with window for 5 units
- window easy accessible on top
- integrated DIN rail EN50022 for all standard protection elements (MCB, RCD, ... )
- ready wired to the DIN rail



# Switched interlocked sockets – for wall mounting

mechanical interlock, lockable by padlock

## Switched interlocked socket – wall mounting IP44



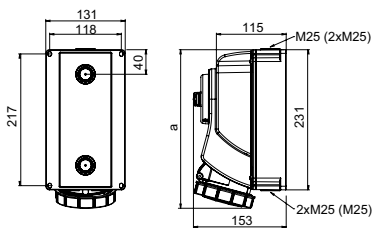
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>a</b> [mm]	249	249	249	259	259	259
<b>b</b> [mm]	153	153	153	153	153	153
<b>M*</b> [mm]	3x25	3x25	3x25	3x25	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1,5-4			2,5-10		
<b>Weight</b> [g]	1054	1058	1083	1104	1111	1168

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

**IP44/54** splashproof

\* Option: M32 or closed

## Switched interlocked socket – wall mounting IP67



Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>a</b> [mm]	251	251	253	260	260	262
<b>b</b> [mm]	153	153	153	153	153	153
<b>M*</b> [mm]	3x25	3x25	3x25	3x25	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1,5-4			2,5-10		
<b>Weight</b> [g]	1071	1077	1114	1136	1137	1206

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

**IP66/67** watertight

\* Option: M32 or closed

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



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




7525-6

16	3	1	75132-4	<b>75132-6</b>	75132-9		
16	4	1	75142-4	75142-9	<b>75142-6</b>	75142-7	
16	5	1	75152-4	75152-9	<b>75152-6</b>	75152-7	
32	3	1	75232-4	<b>75232-6</b>	75232-9		
32	4	1	75242-4	75242-9	<b>75242-6</b>	75242-7	75242-3
32	5	1	75252-4	75252-9	<b>75252-6</b>	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) 

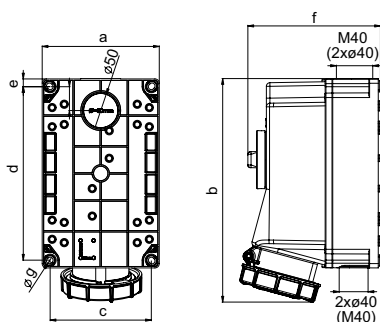
### Technical data:

- 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



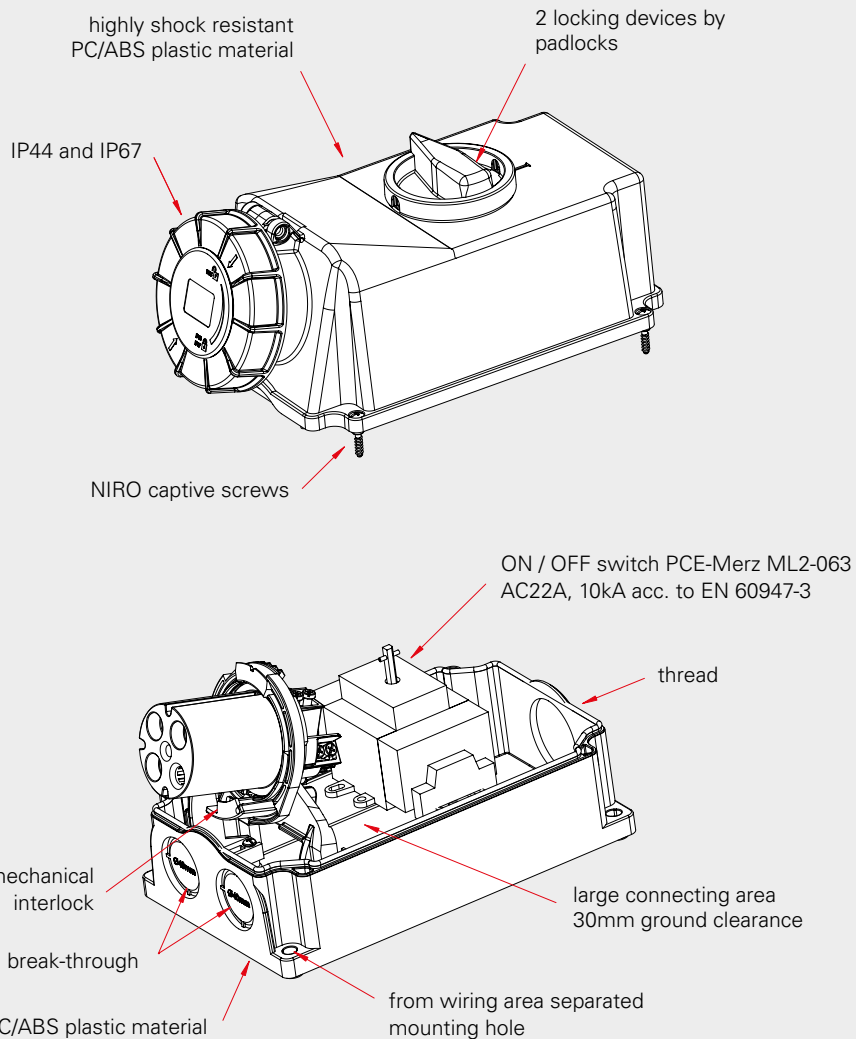
## Switched interlocked socket – wall mounting IP67

	63 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>a</b> [mm]	162	162	162
<b>b</b> [mm]	310	310	310
<b>c</b> [mm]	140	140	140
<b>d</b> [mm]	240	240	240
<b>e</b> [mm]	11	11	11
<b>f</b> [mm]	184	184	184
<b>g</b> [mm]	9	9	9
<b>Wire flexible</b> [mm <sup>2</sup> ]	6-25		
<b>Wire solid</b> [mm <sup>2</sup> ]	6-35		
<b>Weight</b> [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~	230V~	400V~	500V~	440V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	60Hz 3h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
63	3	1	75332-4	<b>75332-6</b>	75332-9	75332-7	
63	4	1	75342-4	75342-9	<b>75342-6</b>	75342-7	
63	5	1	75352-4	75352-9	<b>75352-6</b>	75352-7	



75352-6

### Advantages:

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

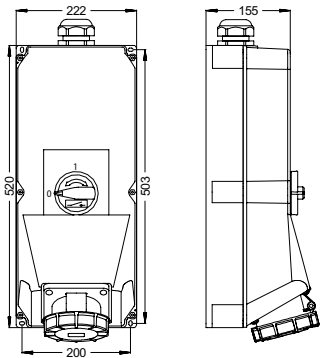
### Technical data 63A:

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

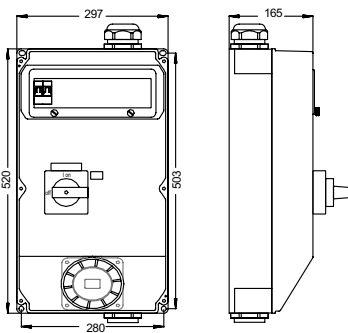
mechanical or electric interlock, lockable by padlock



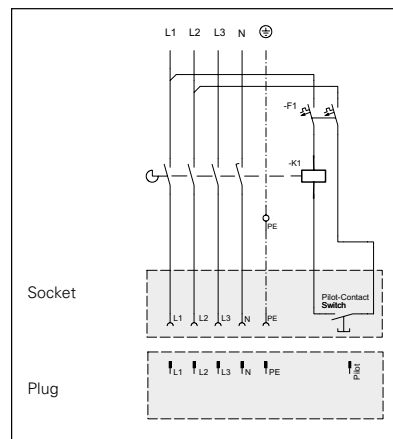
## Switched interlocked socket – mechanical interlock 125A

- **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

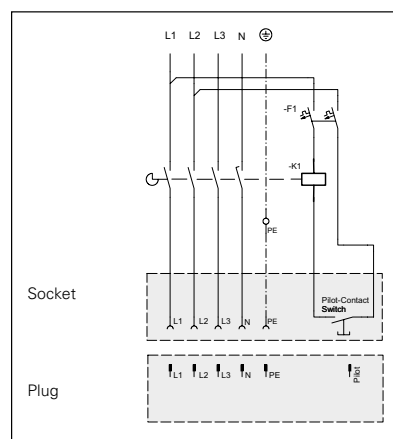


- **WxHxD = 520x297x165mm**

- 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. 70/50mm<sup>2</sup>
- cable gland M50 (cable diameter 32-38mm)
- degree of protection IP66 or 67



Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	440V~
			50/60Hz 4h Cat.No.	50/60Hz 3p=6h 4p+5p=9h Cat.No.	50/60Hz 3p=9h 4p+5p=6h Cat.No.	50/60Hz 7h Cat.No.	60Hz 3h Cat.No.
125	3	1	9755090	<b>9755102</b>	9755091	9755101	
125	4	1	9755095	9755096	<b>9755099</b>	9755098	
125	5	1	9755104	9755105	<b>9755100</b>	9755103	

Special designs available on request



9755100

125	5	1					<b>9029100</b>
-----	---	---	--	--	--	--	----------------



125	5	1					<b>9754100</b>
-----	---	---	--	--	--	--	----------------

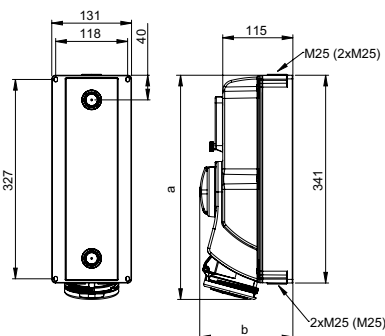


- circuit breaker PCE Merz ML3
  - category AC22A, 690V (AC3, 690V, 3~, 45kW)
  - rated conditional short-circuit-current 10kA
  - mechanical life of 30.000 cycles
- approved acc. to EN60309, ÖVE



# Switched interlocked sockets – with DIN-rail

mechanical interlock, lockable by padlock



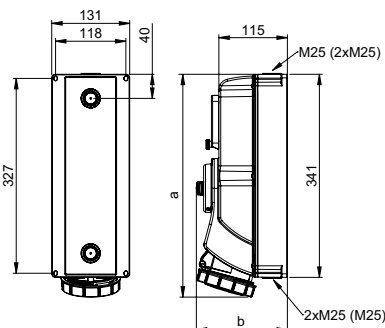
## Switched interlocked socket – wall mounting IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	359	359	359	369	369	369
b [mm]	153	153	153	153	153	153
M* [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	1,5-4			2,5-10		
Weight [g]	1454	1469	1518	1531	1533	1617

\* Option: M32 or closed

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

**IP44/54** splashproof



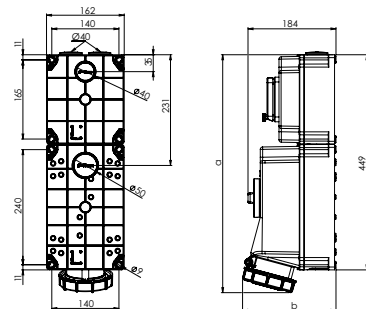
## Switched interlocked socket – wall mounting IP67

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	361	361	363	371	371	372
b [mm]	153	153	153	153	153	153
M* [mm]	3x25	3x25	3x25	3x25	3x25	3x25
Wire flexible [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	1,5-4			2,5-10		
Weight [g]	1482	1480	1548	1563	1571	1657

\* 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**

Poles	63 Amp		
	3	4	5
a [mm]	496	496	496
b [mm]	195	195	195
Wire flexible [mm <sup>2</sup> ]	6-16		
Wire solid [mm <sup>2</sup> ]	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~	230V~	400V~	500V~	440V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	60Hz 3h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

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

7625-6



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

76252-6



63	3	1	76332-4	<b>76332-6</b>	76332-9	76332-7	
63	4	1	76342-4	76342-9	<b>76342-6</b>	76342-7	
63	5	1	76352-4	76352-9	<b>76352-6</b>	76352-7	

76352-6



### ■ ■ ■ Technical data to 63A version:

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



# Switched interlocked sockets – with fuseholder / fuse

mechanical interlock, lockable by padlock

## Switched interlocked socket – wall mounting IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>a</b> [mm]	359	359	359	369	369	369
<b>b</b> [mm]	153	153	153	153	153	153
<b>M*</b> [mm]	3x25	3x25	3x25	3x25	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1,5-4			2,5-10		
<b>Weight</b> [g]	1546	1712	1761	1619	1846	1930

\* 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 (incl. fuses)

**IP44/54** splashproof

## Switched interlocked socket – wall mounting IP67

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>a</b> [mm]	361	361	363	371	371	372
<b>b</b> [mm]	153	153	153	153	153	153
<b>M*</b> [mm]	3x25	3x25	3x25	3x25	3x25	3x25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
<b>Wire solid</b> [mm <sup>2</sup> ]	1,5-4			2,5-10		
<b>Weight</b> [g]	1563	1724	1782	1651	1884	1970

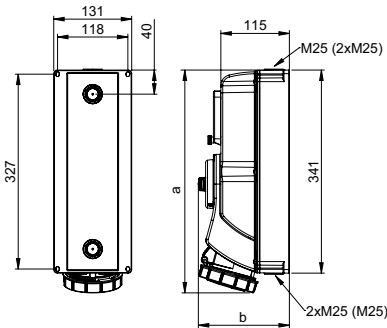
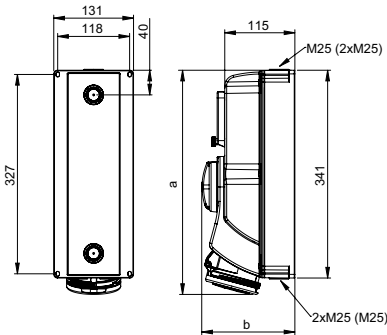
\* Option: M32 or closed

- 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 (incl. fuses)

**IP66/67** watertight

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

- like Series 76 ... but:
- with fuse:
  - for 16A and 32A: Neozed D01, D02
- ready wired



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

16	3	1	7813-4	<b>7813-6</b>	7813-9		
16	4	1	7814-4	7814-9	<b>7814-6</b>		
16	5	1	7815-4	7815-9	<b>7815-6</b>		
32	3	1	7823-4	<b>7823-6</b>	7823-9		
32	4	1	7824-4	7824-9	<b>7824-6</b>		
32	5	1	7825-4	7825-9	<b>7825-6</b>		



7825-6

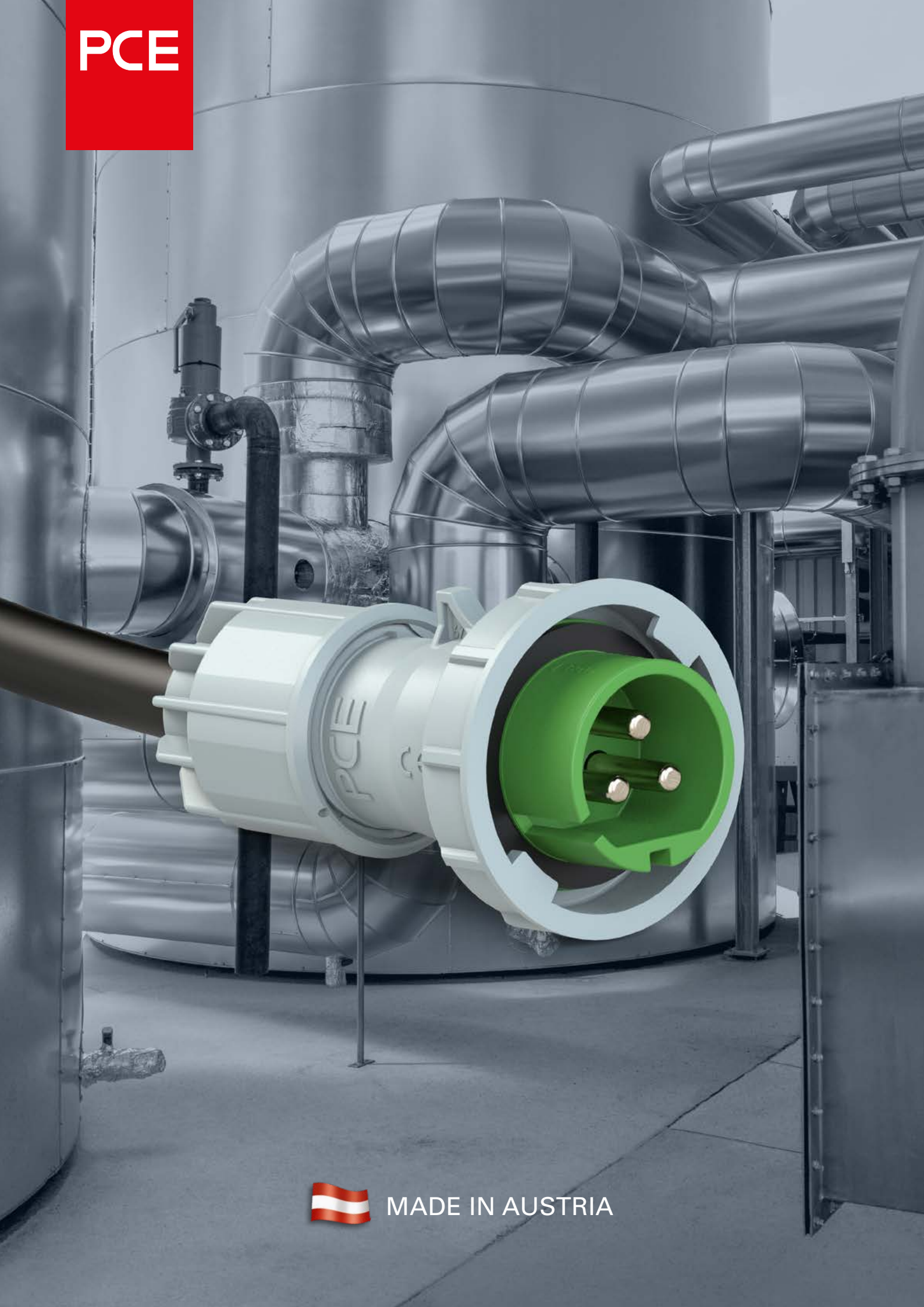
16	3	1	78132-4	<b>78132-6</b>	78132-9		
16	4	1	78142-4	78142-9	<b>78142-6</b>		
16	5	1	78152-4	78152-9	<b>78152-6</b>		
32	3	1	78232-4	<b>78232-6</b>	78232-9		
32	4	1	78242-4	78242-9	<b>78242-6</b>		
32	5	1	78252-4	78252-9	<b>78252-6</b>		



78252-6



PCE



MADE IN AUSTRIA



# 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.

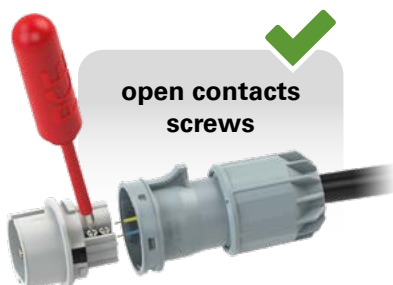
The new **"Twist" extra-low-voltage** series provides a **complete range of plugs, connectors and flanged sockets** which meet all installation requirements, specially developed for use on building sites, shipyards and in factories. Connecting the cable is fast and reliable! No tools are needed for the 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  $\varnothing 9,5$  to  $\varnothing 24\text{mm}$

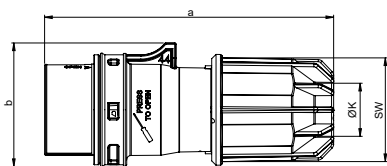


# Extra-low voltage – plugs and sockets

## 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.

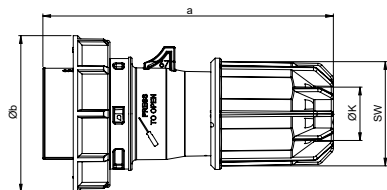


### Plug IP44 TWIST

	16 Amp		32 Amp	
	2	3	2	3
<b>Poles</b>	2	3	2	3
<b>a [mm]</b>	135	135	135	135
<b>b [mm]</b>	57	57	57	57
<b>K_cable Ø [mm]</b>	9,5-24	9,5-24	9,5-24	9,5-24
<b>Wire flexible [mm<sup>2</sup>]</b>	1-10			
<b>Contact screws [Ncm]</b>	160			
<b>SW [mm]</b>	48			
<b>Weight [g]</b>	138	154	138	154

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

**IP44** splashproof

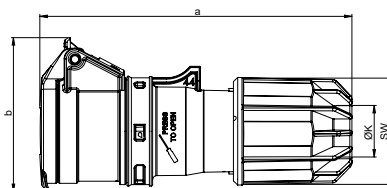


### Plug IP67 TWIST

	16 Amp		32 Amp	
	2	3	2	3
<b>Poles</b>	2	3	2	3
<b>a [mm]</b>	135	135	135	135
<b>b [mm]</b>	71	71	71	71
<b>K_cable Ø [mm]</b>	9,5-24	9,5-24	9,5-24	9,5-24
<b>Wire flexible [mm<sup>2</sup>]</b>	1-10			
<b>Contact screws [Ncm]</b>	160			
<b>SW [mm]</b>	48			
<b>Weight [g]</b>	163	181	163	181

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

**IP67** watertight

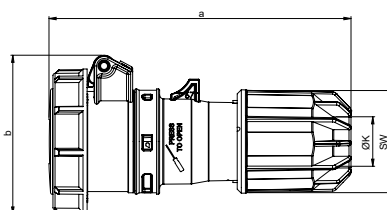


### Connector IP44 TWIST

	16 Amp		32 Amp	
	2	3	2	3
<b>Poles</b>	2	3	2	3
<b>a [mm]</b>	150	150	150	150
<b>b [mm]</b>	75	75	75	75
<b>K_cable Ø [mm]</b>	9,5-24	9,5-24	9,5-24	9,5-24
<b>Wire flexible [mm<sup>2</sup>]</b>	1-10			
<b>Contact screws [Ncm]</b>	160			
<b>SW [mm]</b>	48			
<b>Weight [g]</b>	177	196	177	196

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

**IP44** splashproof



### Connector IP67 TWIST

	16 Amp		32 Amp	
	2	3	2	3
<b>Poles</b>	2	3	2	3
<b>a [mm]</b>	150	150	150	150
<b>b [mm]</b>	78	78	78	78
<b>K_cable Ø [mm]</b>	9,5-24	9,5-24	9,5-24	9,5-24
<b>Wire flexible [mm<sup>2</sup>]</b>	1-10			
<b>Contact screws [Ncm]</b>	160			
<b>SW [mm]</b>	48			
<b>Weight [g]</b>	203	214	203	214

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

**IP67** watertight

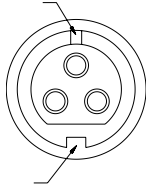


Amp.	Poles	pack. unit	24V~	42V~	24/42V~	24/42V~	24/42V~	24/42V~	24/42V=
			50/60Hz without minor key	50/60Hz	100-200Hz	300Hz	400Hz	401-500Hz	DC
			12h	4h	2h	3h	11h	10h	
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

### Examples:

View: socket (front)

Minor key  
3 pol.



Major key  
3 pol.

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

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

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



083-3v

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



0622v

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



282-4v

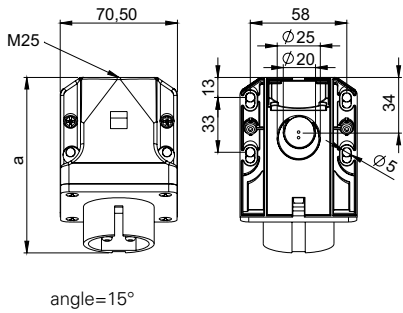
16	2	10	2622v	2822-12v	2822-4v	2822-2v	2822-3v	2822-11v	2822-10v
	3	10			2632v	2832-12v	2832-4v	2832-2v	
32	2	10	2722v	2922-12v	2922-4v	2922-2v	2922-3v	2922-11v	2922-10v
	3	10			2732v	2932-12v	2932-4v	2932-2v	



2622v



# Extra-low voltage – plugs and sockets

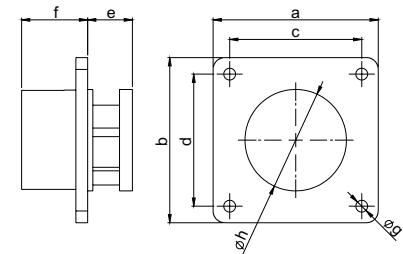


## Wall mounted plug IP44

	16 Amp		32 Amp	
	2	3	2	3
<b>Poles</b>	2	3	2	3
<b>a [mm]</b>	106	106	106	106
<b>Height [mm]</b>	77	77	77	77
<b>M [mm]</b>	25	25	25	25
<b>Wire flexible [mm<sup>2</sup>]</b>	4-10			
<b>Wire solid [mm<sup>2</sup>]</b>	4-10			
<b>Contact screws [Ncm]</b>	110			
<b>Weight [g]</b>	182	194	182	194

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

**IP44** splashproof

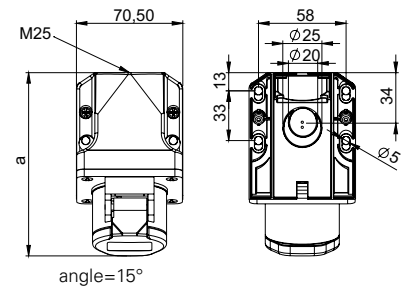


## Flanged plug straight IP44

	16 Amp		32 Amp	
	2	3	2	3
<b>Poles</b>	2	3	2	3
<b>Flange a x b [mm]</b>	70	70	70	70
<b>Fixing center c x d [mm]</b>	56	56	56	56
<b>e [mm]</b>	19	19	19	19
<b>f [mm]</b>	28	28	28	28
<b>g [mm]</b>	5	5	5	5
<b>h [mm]</b>	43	43	43	43
<b>Wire flexible [mm<sup>2</sup>]</b>	4-10			
<b>Wire solid [mm<sup>2</sup>]</b>	4-10			
<b>Contact screws [Ncm]</b>	110			
<b>Weight [g]</b>	74	86	74	86

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

**IP44** splashproof

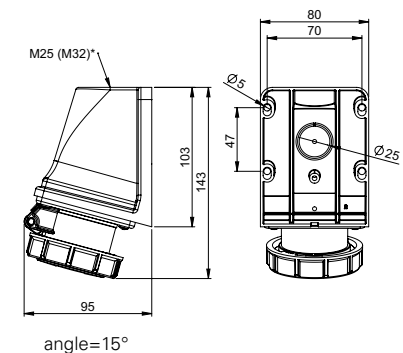


## Wall socket IP44

	16 Amp		32 Amp	
	2	3	2	3
<b>Poles</b>	2	3	2	3
<b>a [mm]</b>	124	124	124	124
<b>Height [mm]</b>	91	91	91	91
<b>M [mm]</b>	25	25	25	25
<b>Wire flexible [mm<sup>2</sup>]</b>	1-10			
<b>Wire solid [mm<sup>2</sup>]</b>	1,5-10			
<b>Contact screws [Ncm]</b>	160			
<b>Weight [g]</b>	207	227	207	227

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

**IP44** splashproof



## Wall socket IP66/67

	16 Amp		32 Amp	
	2	3	2	3
<b>Poles</b>	2	3	2	3
<b>a [mm]</b>	143	143	143	143
<b>Height [mm]</b>	95	95	95	95
<b>M [mm]</b>	25	25	25	25
<b>Wire flexible [mm<sup>2</sup>]</b>	1-10			
<b>Wire solid [mm<sup>2</sup>]</b>	1,5-10			
<b>Contact screws [Ncm]</b>	160			
<b>Weight [g]</b>	244	244	244	244

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

**IP66/67** watertight

\* Option: M32

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

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



582-12v

**with flange 70 x 70 - fixing center 56 x 56**

16	2	10	<b>662v</b>	<b>682-12v</b>	682-4v	682-2v	682-3v	682-11v	682-10v
16	3	10	<b>663v</b>	<b>683-12v</b>	683-4v	683-2v	683-3v	683-11v	
32	2	10	<b>672v</b>	<b>692-12v</b>	692-4v	692-2v	692-3v	692-11v	692-10v
32	3	10	<b>673v</b>	<b>693-12v</b>	693-4v	693-2v	693-3v	693-11v	



682-12v

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



162v

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



1922-4v



## Extra-low voltage – plugs and sockets

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

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



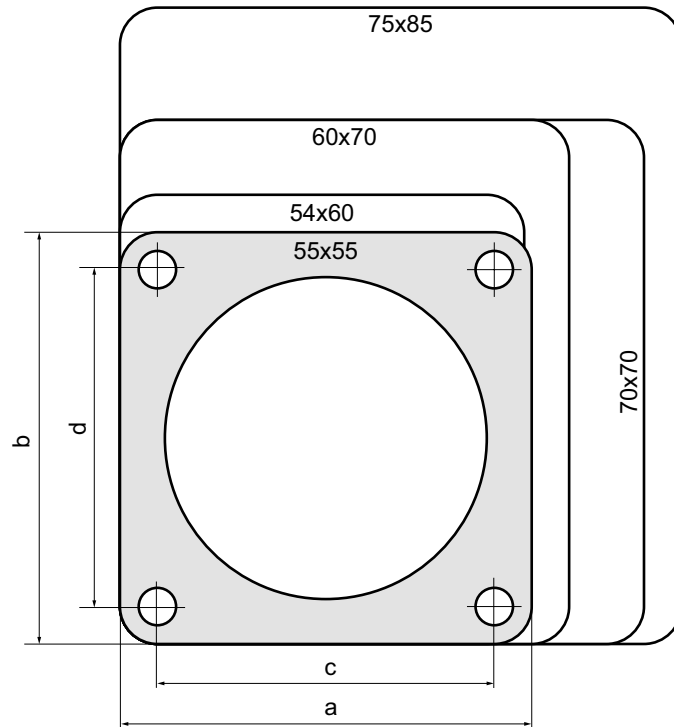
#### ADVANTAGES:

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



# Flanged socket straight

## Dimensions:



## Versions:

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

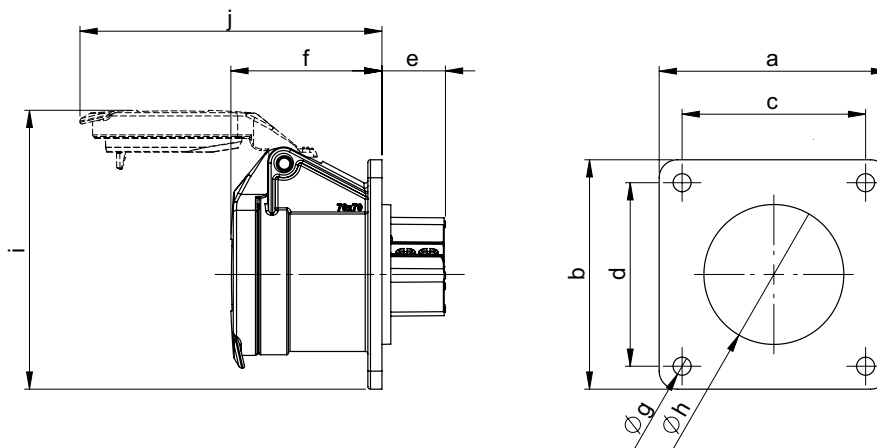


# Extra-low voltage – plugs and sockets

## Flanged socket straight IP44/54

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

**IP44/54** dust- & splashproof



Flange		Fixing center		Amp	Poles	e	f	Ø g	Ø h	i	j	Weight [g]
a	b	c	d									
54	60	44	44	16	2	19	47	5,5	43	81	93	112
				3	3							132
				2	2							112
				3	3							132
55	55	41	41	16	2	19	47	4,5	43	79	93	110
				3	3							128
				2	2							110
				3	3							128
55	55	45	45	16	2	19	47	4,5	43	79	93	110
				3	3							132
				2	2							110
				3	3							132
60	70	47	53	16	2	19	47	5,5	43	86	93	112
				3	3							130
				2	2							112
				3	3							130
70	70	56	56	16	2	19	47	5,5	43	86	93	120
				3	3							140
				2	2							120
				3	3							140
75	85	60	60	16	2	19	47	5,5	43	93	93	125
				3	3							145
				2	2							125
				3	3							145

- Connection type: Screw terminal
- Wire flexible: 1-10 mm<sup>2</sup>
- Wire solid: 1,5-10 mm<sup>2</sup>
- Contact screws: 160 Ncm

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



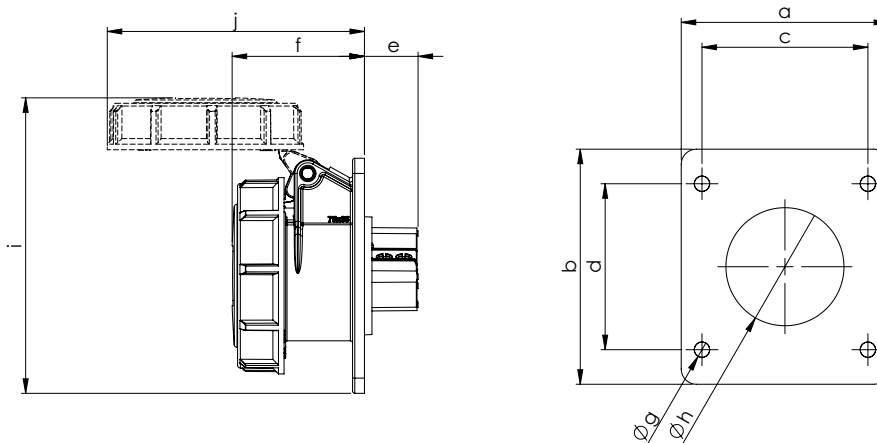
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# Extra-low voltage – plugs and sockets

## Flanged socket straight IP66/67

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

**IP66/67** watertight



Flange		Fixing center		Amp	Poles	e	f	Ø g	Ø h	i	j	Weight [g]
a	b	c	d									
54	60	44	44	16	2	19	48	5,5	43	95	93	130
				3	156							
				2	130							
				3	156							
75	85	60	60	16	2	19	48	5,5	43	107	93	137
				3	156							
				2	137							
				3	156							

- Connection type: Screw terminal
- Wire flexible: 1-10 mm<sup>2</sup>
- Wire solid: 1,5-10 mm<sup>2</sup>
- Contact screws: 160 Ncm



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

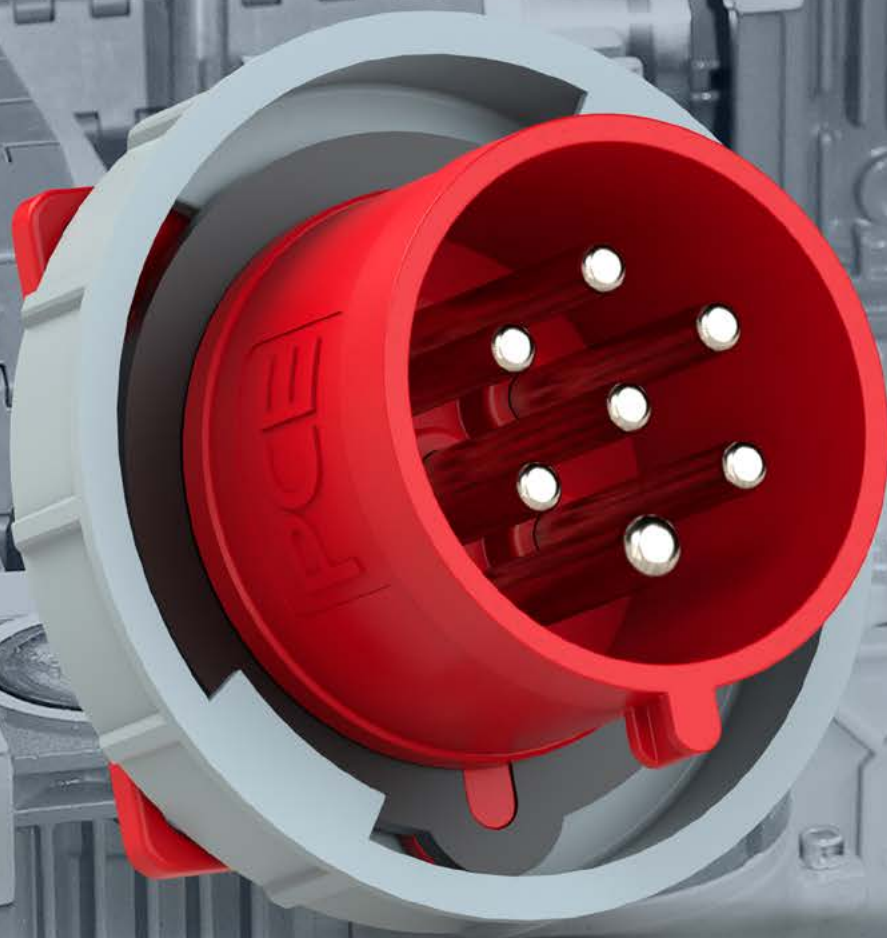
54 x 60 (44 x 44)	16	2	<b>3622f9v</b>	<b>3822-12f9v</b>	3822-4f9v	3822-2f9v	3822-3f9v	3822-11f9v	3822-10f9v
	16	3	<b>3632f9v</b>	<b>3832-12f9v</b>	3832-4f9v	3832-2f9v	3832-3f9v	3832-11f9v	
	32	2	<b>3722f9v</b>	<b>3922-12f9v</b>	3922-4f9v	3922-2f9v	3922-3f9v	3922-11f9v	3922-10f9v
	32	3	<b>3732f9v</b>	<b>3932-12f9v</b>	3932-4f9v	3932-2f9v	3932-3f9v	3932-11f9v	



75 x 85 (60 x 60)	16	2	<b>3622f87v</b>	<b>3822-12f87v</b>	3822-4f87v	3822-2f87v	3822-3f87v	3822-11f87v	3822-10f87v
	16	3	<b>3632f87v</b>	<b>3832-12f87v</b>	3832-4f87v	3832-2f87v	3832-3f87v	3832-11f87v	
	32	2	<b>3722f87v</b>	<b>3922-12f87v</b>	3922-4f87v	3922-2f87v	3922-3f87v	3922-11f87v	3922-10f87v
	32	3	<b>3732f87v</b>	<b>3932-12f87v</b>	3932-4f87v	3932-2f87v	3932-3f87v	3932-11f87v	



PCE



MADE IN AUSTRIA



# 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 ...

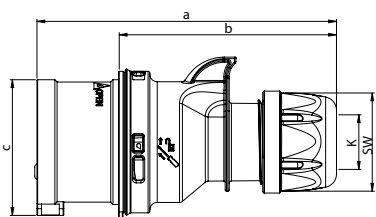
## **Products: plugs and sockets 7-pole:**

- 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

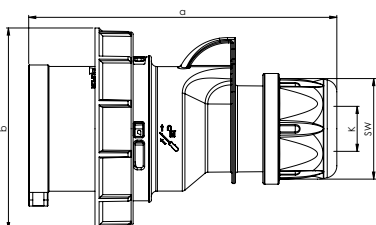


## Plug IP44/54 SHARK

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

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

**IP44/54** dust- and splashproof

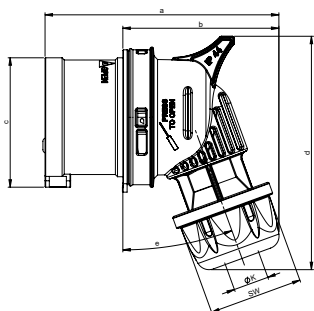


## Plug IP66/67 SHARK

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

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

**IP66/67** watertight

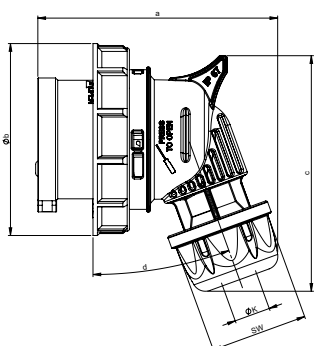


## Angled plug IP44/54 TWIST

	16 Amp	32 Amp
<b>Poles</b>	7	7
<b>a</b> [mm]	107	137
<b>b</b> [mm]	71	92
<b>c</b> [mm]	61	70
<b>d</b> [mm]	102	121
<b>e</b> [°]	20	25
<b>K cable Ø</b> [mm]	8-16	11,5-22
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5	2,5-6
<b>Contact screws</b> [Ncm]	100	110
<b>SW</b> [mm]	42	50
<b>Weight</b> [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
<b>Poles</b>	7	7
<b>a</b> [mm]	109	136
<b>b</b> [mm]	87	100
<b>c</b> [mm]	107	118
<b>d</b> [°]	20	25
<b>K cable Ø</b> [mm]	8-16	11,5-22
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5	2,5-6
<b>Contact screws</b> [Ncm]	100	110
<b>SW</b> [mm]	42	50
<b>Weight</b> [g]	220	331

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

**IP66/67** watertight

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

16	7	10	017-4v	017-9v	<b>017-6v</b>	017-7v
32	7	10	027-4v	027-9v	<b>027-6v</b>	027-7v



027-6v

16	7	10	0172-4v	0172-9v	<b>0172-6v</b>	0172-7v
32	7	10	0272-4v	0272-9v	<b>0272-6v</b>	0272-7v



0272-6v

16	7	10	8017-4v	8017-9v	<b>8017-6v</b>	8017-7v
32	7	10	8027-4v	8027-9v	<b>8027-6v</b>	8027-7v



8027-6v

16	7	10	80172-4v	80172-9v	<b>80172-6v</b>	80172-7v
32	7	10	80272-4v	80272-9v	<b>80272-6v</b>	80272-7v

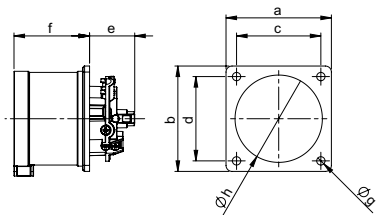


80272-6v



# Plugs and sockets 7-poles

## Flanged plug straight IP44/54



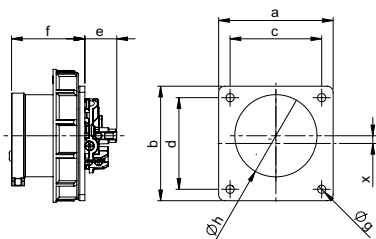
	16 Amp		32 Amp	
	7	7	7	7
<b>Poles</b>	7	7	7	7
<b>a</b> [mm]	70	75	70	75
<b>b</b> [mm]	70	75	70	75
<b>c</b> [mm]	56	60	56	60
<b>d</b> [mm]	56	60	56	60
<b>e</b> [mm]	28	28	30	30
<b>f</b> [mm]	42	42	51	51
<b>Ø g</b> [mm]	5,5	5,5	5,5	5,5
<b>Ø h</b> [mm]	55	55	55	55
<b>Wire flexible</b> [mm <sup>2</sup> ]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



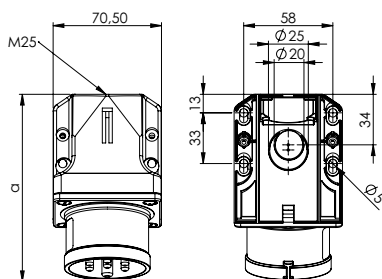
	16 Amp		32 Amp	
	7	7	7	7
<b>Poles</b>	7	7	7	7
<b>a</b> [mm]	75	75	75	75
<b>b</b> [mm]	75	75	75	75
<b>c</b> [mm]	60	60	60	60
<b>d</b> [mm]	60	60	60	60
<b>e</b> [mm]	28	30	30	30
<b>f</b> [mm]	48	58	58	58
<b>Ø g</b> [mm]	5,5	5,5	5,5	5,5
<b>Ø h</b> [mm]	55	55	55	55
<b>x</b> [mm]	5,05	0	0	0
<b>Wire flexible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

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

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

**IP66/67** watertight

## Wall mounted plug IP44/54



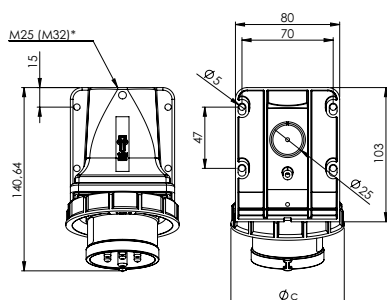
	16 Amp		32 Amp	
	7	7	7	7
<b>Poles</b>	7	7	7	7
<b>a</b> [mm]	122	132	132	132
<b>Height</b> [mm]	79	85	85	85
<b>M</b> [mm]	25	25	25	25
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5		2,5-6	
<b>Wire solid</b> [mm <sup>2</sup> ]	1-4		2,5-10	
<b>Contact screws</b> [Ncm]	100		110	
<b>Weight</b> [g]	235	235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

angle = 15°

## Wall mounted plug IP66/67



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

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

**IP66/67** watertight

angle = 15°

\*M32 optional on request

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

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



627-6v

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



6272-6v

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



517-6v

9517-6v

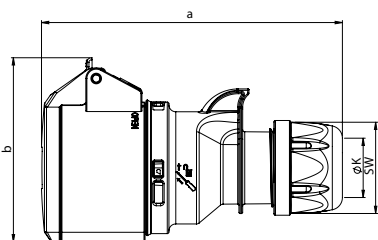
16	7	5	5172-4kv	5172-9kv	<b>5172-6kv</b>	5172-7kv
32	7	5	5272-4kv	5272-9kv	<b>5272-6kv</b>	5272-7kv



5272-6kv

- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
-

# Plugs and sockets 7-poles

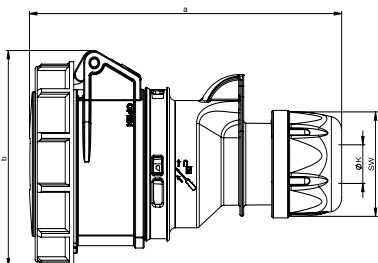


## Connector IP44/54 SHARK

	16 Amp	32 Amp
<b>Poles</b>	7	7
<b>a</b> [mm]	145	168
<b>b</b> [mm]	89	99
<b>K_cable Ø</b> [mm]	8-16	11,5-22
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5	2,5-6
<b>Contact screws</b> [Ncm]	100	110
<b>SW</b> [mm]	42	50
<b>Weight</b> [g]	218	310

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

**IP44/54** dust- and splashproof

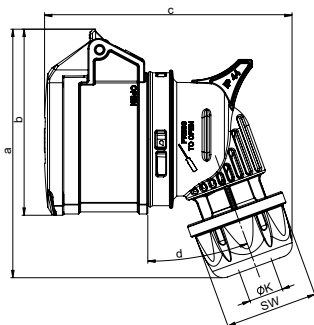


## Connector IP66/67 SHARK

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

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

**IP66/67** watertight

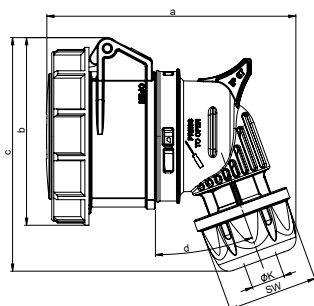


## Angled connector IP44/54 TWIST

	16 Amp	32 Amp
<b>Poles</b>	7	7
<b>a</b> [mm]	118	130
<b>b</b> [mm]	89	98
<b>c</b> [mm]	119	148
<b>d</b> [°]	20	25
<b>K_cable Ø</b> [mm]	8-16	11,5-22
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5	2,5-6
<b>Contact screws</b> [Ncm]	100	110
<b>SW</b> [mm]	42	50
<b>Weight</b> [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
<b>Poles</b>	7	7
<b>a</b> [mm]	122	152
<b>b</b> [mm]	92	102
<b>c</b> [mm]	115	126
<b>d</b> [°]	20	25
<b>K_cable Ø</b> [mm]	8-16	11,5-22
<b>Wire flexible</b> [mm <sup>2</sup> ]	1-2,5	2,5-6
<b>Contact screws</b> [Ncm]	100	110
<b>SW</b> [mm]	42	50
<b>Weight</b> [g]	258	379

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

**IP66/67** watertight



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

16	7	10	217-4v	217-9v	<b>217-6v</b>	217-7v
32	7	10	227-4v	227-9v	<b>227-6v</b>	227-7v



227-6v

16	7	10	2172-4v	2172-9v	<b>2172-6v</b>	2172-7v
32	7	10	2272-4v	2272-9v	<b>2272-6v</b>	2272-7v



2272-6v

16	7	10	8217-4v	8217-9v	<b>8217-6v</b>	8217-7v
32	7	10	8227-4v	8227-9v	<b>8227-6v</b>	8227-7v



8227-6v

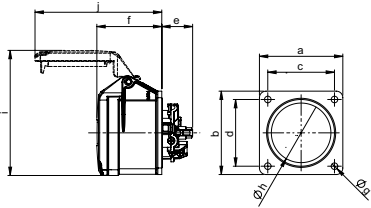
16	7	10	82172-4v	82172-9v	<b>82172-6v</b>	82172-7v
32	7	10	82272-4v	82272-9v	<b>82272-6v</b>	82272-7v



82272-6v



# Plugs and sockets 7-poles

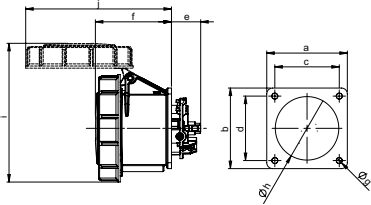


## Flanged socket straight IP44/54

Poles	16 Amp		32 Amp	
	7	7	7	7
a [mm]	70	75	70	75
b [mm]	70	75	70	75
c [mm]	56	60	56	60
d [mm]	56	60	56	60
e [mm]	26	26	28	23
f [mm]	55	55	67	67
Ø g [mm]	5,5	5,5	5,5	5,5
Ø h [mm]	52	52	58	58
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
Wire solid [mm <sup>2</sup> ]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]	180	179	243	253

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

**IP44/54** dust- and splashproof

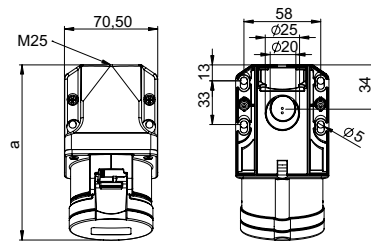


## Flanged socket straight IP66/67

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

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

**IP66/67** watertight



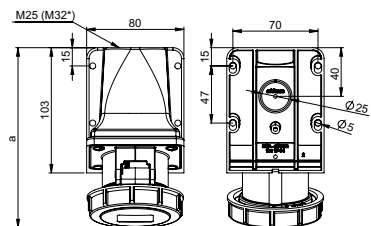
## Wall mounted socket IP44/54

Poles	16 Amp		32 Amp	
	7	7	7	7
a [mm]	133	145		
Height [mm]	100	107		
M [mm]	25	25		
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
Wire solid [mm <sup>2</sup> ]	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

angle=15°



## Wall mounted socket IP66/67

Poles	16 Amp		32 Amp	
	7	7	7	7
a [mm]	148	163		
Height [mm]	102	112		
M [mm]	25	25		
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
Wire solid [mm <sup>2</sup> ]	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

angle=15°

\*M32 optional on request

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

with flange 70 x70 - fixing center 56 x 56						
16	7	10	317-4v	317-9v	<b>317-6v</b>	317-7v
32	7	10	327-4v	327-9v	<b>327-6v</b>	327-7v
with flange 75 x 75 - fixing center 60 x 60						
16	7	10	317-4f7v	317-9f7v	<b>317-6f7v</b>	317-7f7v
32	7	10	327-4f7v	327-9f7v	<b>327-6f7v</b>	327-7f7v



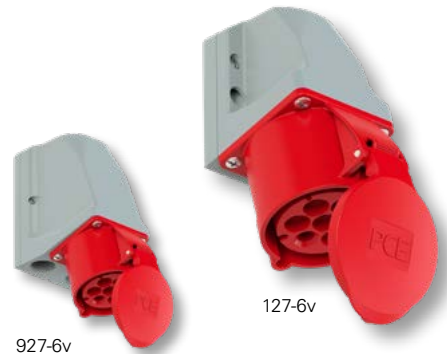
327-6v

with flange 70 x70 - fixing center 56 x 56						
16	7	10	3172-4f70v	3172-9f70v	<b>3172-6f70v</b>	3172-7f70v
32	7	10	3272-4f70v	3272-9f70v	<b>3272-6f70v</b>	3272-7f70v
with flange 75 x 75 - fixing center 60 x 60						
16	7	10	3172-4v	3172-9v	<b>3172-6v</b>	3172-7v
32	7	10	3272-4v	3272-9v	<b>3272-6v</b>	3272-7v



3272-6v

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



927-6v

127-6v

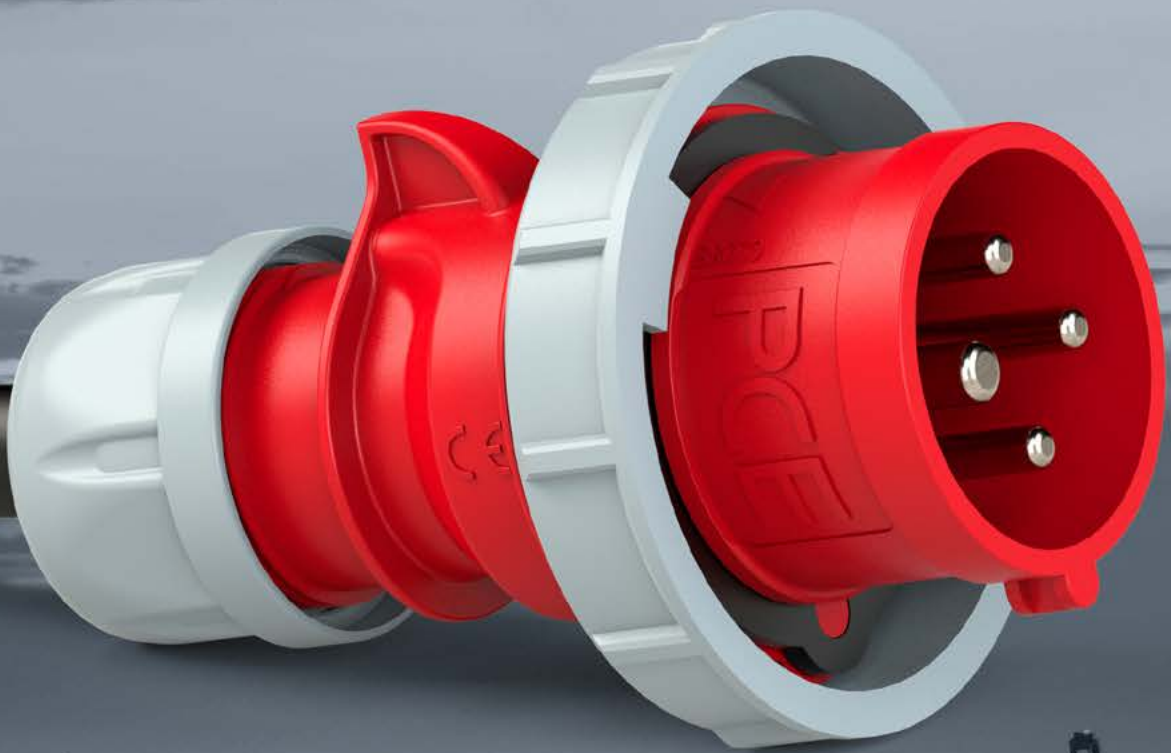
16	7	5	1172-4v	1172-9v	<b>1172-6v</b>	1172-7v
32	7	5	1272-4v	1272-9v	<b>1272-6v</b>	1272-7v



1272-6v



PCE



MADE IN AUSTRIA



## CONTAINER PLUGS AND SOCKETS

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

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



### Container products:

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

\*with Lloyd's Register Type Approval



# Container plugs and sockets



## Container Plug **SHARK**

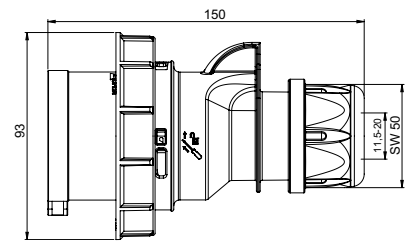
- 32A 4p 3h 440V
- nickel-plated contacts

**IP66/67** watertight



**0242-3v**

pack.unit: 10



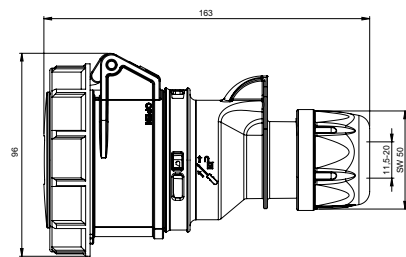
## Container Connector **SHARK**

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

**IP66/67** watertight

**2242-3v**

pack.unit: 10



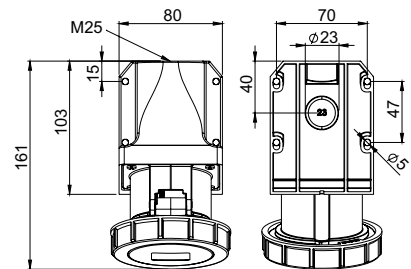
## Container Wall socket

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

**IP67** watertight

**1242-3v**

pack.unit: 5



height=108mm  
angle=15°



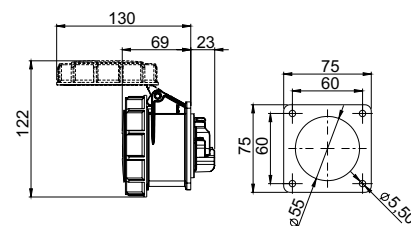
## Container Flanged socket straight

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

**IP67** watertight

**3242-3v**

pack.unit: 10



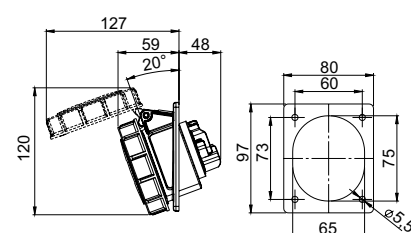
## Container Flanged socket sloping

- 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

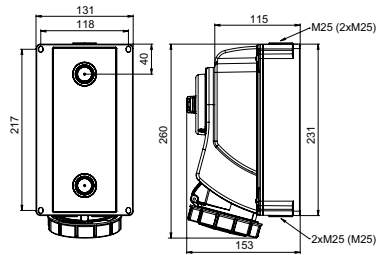
- 32A 4p 3h 440V
- nickel-plated contacts
- up to 3 x M25 cable entries
- mechanical interlock
- lockable by padlock

IP66/67 watertight



75242-3

pack.unit: 1



## Container Switched interlocked socket with DIN rail

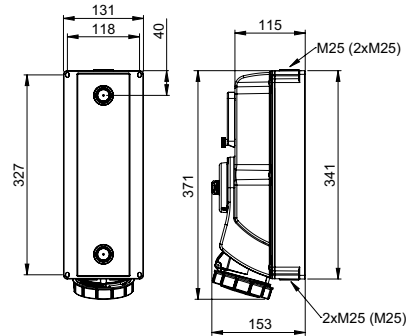
- 32A 4p 3h 440V
- nickel-plated contacts
- DIN rail with window for 5 modules
- up to 3 x M25 cable entries
- mechanical interlock
- lockable by padlock

IP66/67 watertight

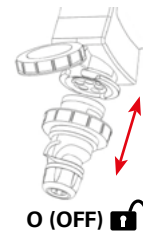


76242-3

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“.



PCE



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## 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



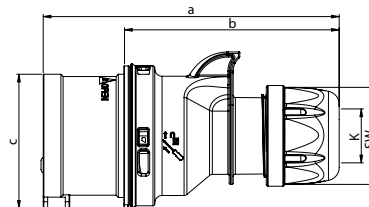
## Plug IP44/54

**SHARK**

• 16A/32A 5p 1h >50V

pack. unit: 10

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



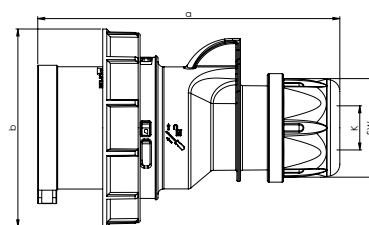
## Plug IP67

**SHARK**

• 16A/32A 5p 1h >50V

pack. unit: 10

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



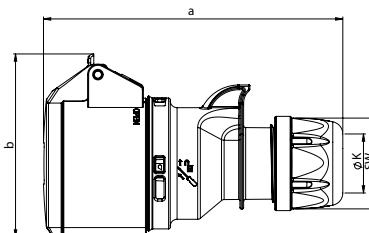
## Connector IP44/54

**SHARK**

• 16A/32A 5p 1h >50V

pack. unit: 10

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



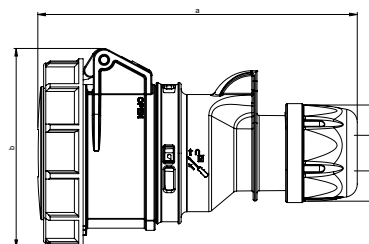
## Connector IP66/67

**SHARK**

• 16A/32A 5p 1h >50V

pack. unit: 10

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



**Further products in 1h position can be found in this catalogue from page 18.**

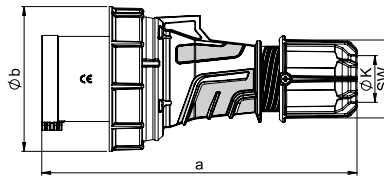
## Plug IP66/67

### POWER TWIST

• 63A 5p 1h >50V

pack. unit: 2

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



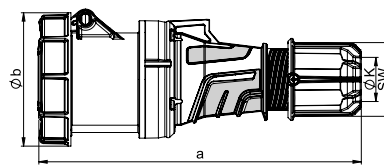
## Connector IP66/67

### POWER TWIST

• 63A 5p 1h >50V

pack. unit: 2

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



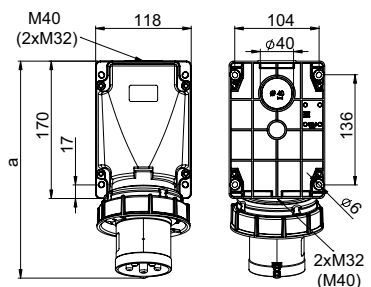
## Wall mounted plug IP66/67

### POWER TWIST

• 63A 5p 1h >50V

pack. unit: 10

	<b>63 Amp</b>	
<b>Poles</b>	5	
<b>a [mm]</b>	271	
<b>Height [mm]</b>	175	
<b>Cat.No.</b>	<b>535-1</b>	



angle=15°

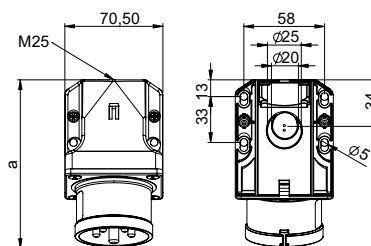


## Wall mounted plug IP44

• 16A/32A 5p 1h >50V

pack. unit: 10

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



angle=15°

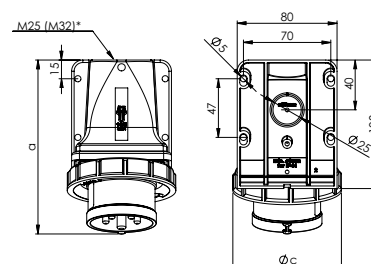


## Wall mounted plug IP67

• 16A/32A 5p 1h >50V

pack. unit: 5

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



angle=15°



\*M32 optional on request available



PCE



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# 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 334)



# Caravan plugs and sockets for camping areas



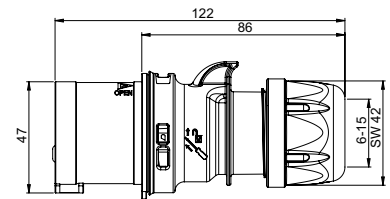
## Caravan Plug **SHARK**

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

**IP44/54** dust- and splashproof

**013-6**

pack.unit: 10



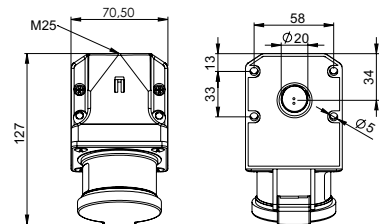
## Caravan Wall mounted plug

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

**IP44** splashproof

**513-6d**

pack.unit: 10



height= 92mm  
angle= 15°



## Caravan Connector

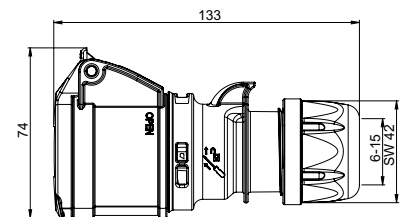
**SHARK**

- 16A 3p 230V
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 213-6v
- technical data see connectors on page 50

**IP44/54** dust- and splashproof

**213-6**

pack.unit: 10



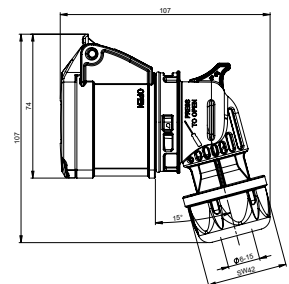
## Caravan Angled connector

- 16A 3p 230V
- contacts: brass

**IP44** splashproof

**8213-6**

pack.unit: 10



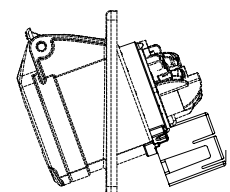
## Flanged socket sloping with auxiliary switch

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

**IP44/54** splash- and dustproof

**413-6h**

pack.unit: 10

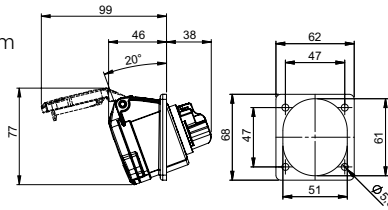


other versions and more technical information see page 94

## 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



## Adapter

- with safety socket acc. Austr./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



## Adapter with cable

- 80cm cable H07RN-F 3G1,5 with CEE-plug 16A 3p 230V

solid rubber connector with lid acc. to Austr./German system 16A 2p+E 250V

rubber connector with lid acc. to French/Belgian system 16A 2p+E 250V

**IP44** splashproof

**9007**

**900726**

pack.unit: 10



## Caravan Combination Series St. Anton 6F

**IP44** splashproof

### Entry:

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

### Outlet:

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

### Protection:

1 RCD 25A 0,03A

**9439125**

pack.unit: 1



## Caravan cable reel 20m

- cable reel XREEL250
- stable rack and drum
- thermal circuit breaker

**IP54** dust- and splashproof

### Entry:

CEE-plug 16A 3p 230V

### Outlet:

1 CEE-socket 16A 3p 230V  
1 safety socket 16A 2p+E 250V

### cable:

20m H07RN-F 3G2,5, black

**9250035-p**

pack.unit: 1



# Multiple-sockets outlet



94325103\*

IP44 splashproof



94326103\*

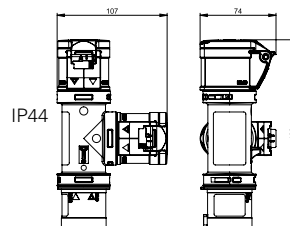
IP67 watertight

## 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

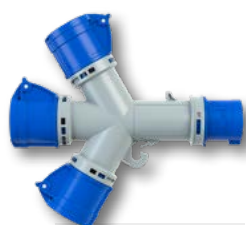
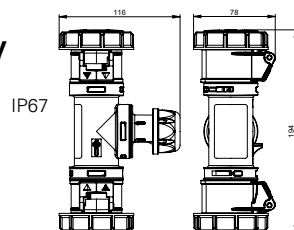
IP67 watertight

## T-Connect 2-way connector with cable entry

### Fittings:

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

pack unit: 10



9432000\*

IP44 splashproof



9432001\*

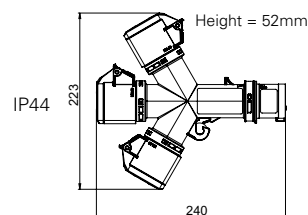
IP67 watertight

## 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\*

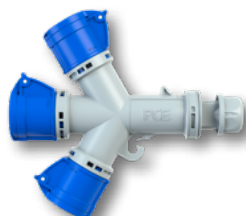
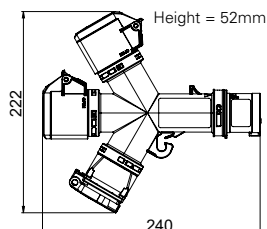
IP44 splashproof

## Multiple-socket outlet

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

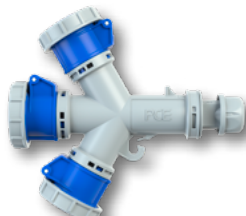
**Entry:** 1 CEE-plug 16A 3p 230V  
**Outlet:** 2 CEE-sockets 16A 3p 230V  
1 safety socket 16A 250V

pack unit: 5



9432006

IP44 splashproof



9432007

IP67 watertight

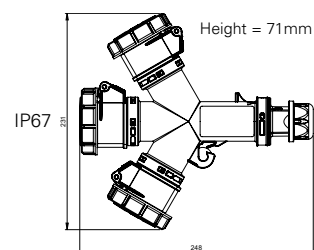
## Multiple-socket outlet

- 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

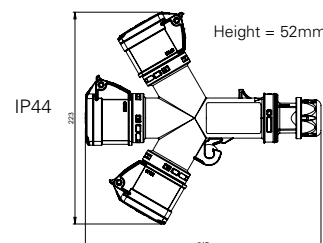
IP67 watertight

## 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

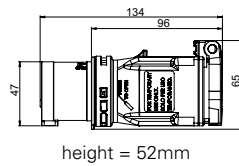
- available also with French/Belgian, Danish and British sockets
- nickel-plated contacts

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

**Outlet:** 1 safety socket 16A 250V

**IP44** splashproof

pack unit: 10



**9433100\***  
Austrian/German



**9433101\***  
French/Belgian



**9433102\***  
Danish



**9433103\***  
British

## Adaptor

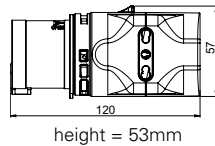
### CEE-plug 16A 3p / socket outlet for domestic use

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

**Outlet:** 2 italian socket outlets P17/11  
1 italian socket outlet P30/17

**IP20**

pack unit: 10



**9433170\***

## Adaptor

### CEE-plug 16A 5p / safety socket

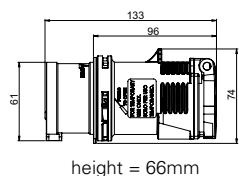
- available also with French/Belgian, Danish and British sockets
- nickel-plated contacts

**Entry:** 1 CEE-plug 16A 5p 400V

**Outlet:** 1 safety socket 16A 250V

**IP44** splashproof

pack unit: 10



**9433020\***  
Austrian/German

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

Information icons: 'i', socket symbols, IP44, IP20, and a hash symbol '#'. A red bar is present at the top of this column.







PCE



MADE IN AUSTRIA



# SAFETY PLUGS AND SOCKETS AND ACCESSORIES

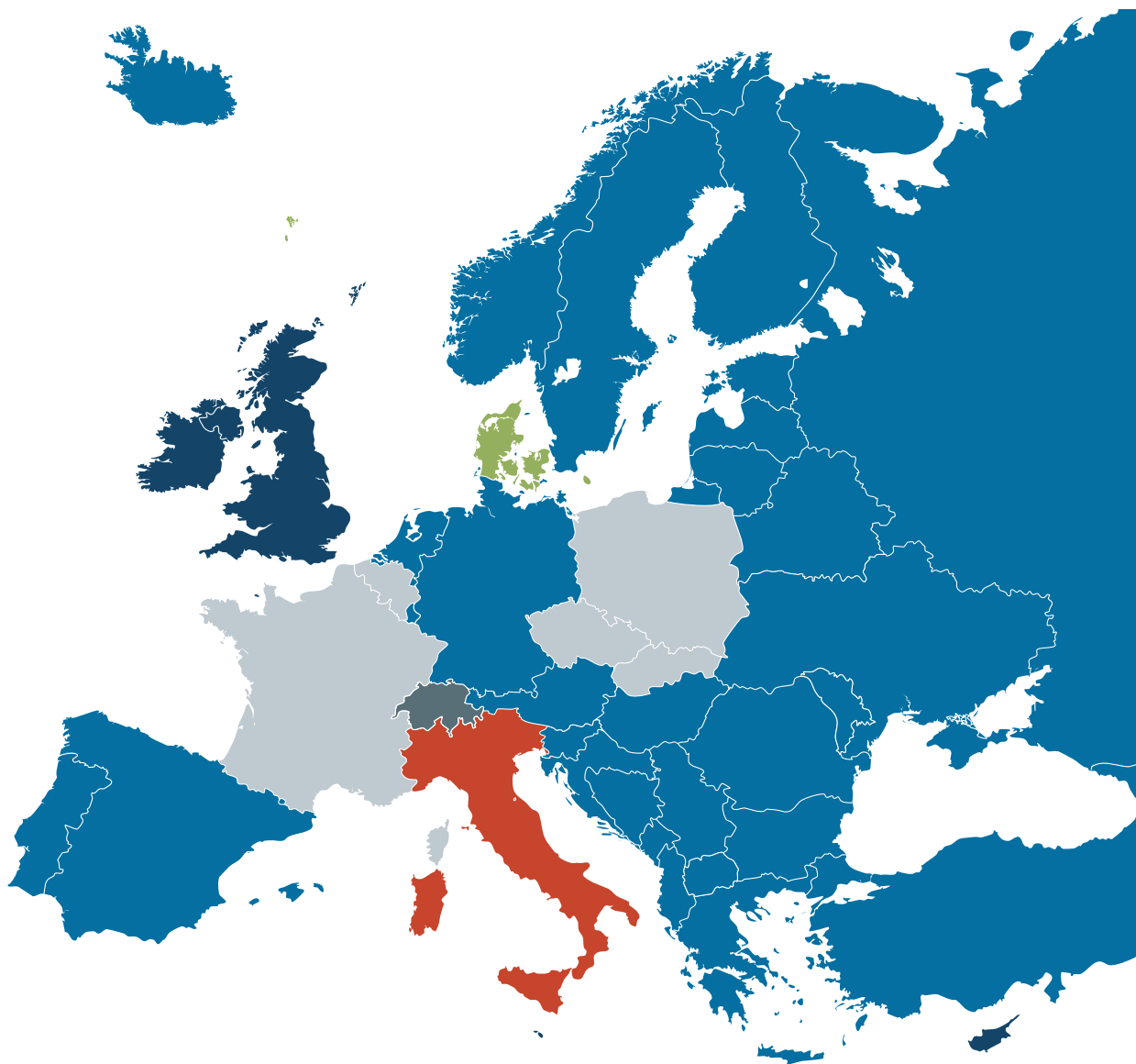
		Page
	<b>Plugs and socket outlets</b> S-NOVA / P-NOVA plus	<b>162</b>
	<b>Data socket CAT.6A (RJ45)</b> USB charging socket	<b>178</b>
	<b>Plugs and sockets IP66/68</b> Nautilus - watertight	<b>180</b>
	<b>TAURUS2</b> Plug and connector systems	<b>186</b>
	<b>TOPTAURUS2</b> Plug and connector systems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





## Systems in EUROPE


The safety sockets from PCE impress with their extremely robust design made of high quality polyamide.

Over 500 variations guarantee a perfect product for all applications.





**Type F**  
  
 Austrian/German system

**Type E**  
  
 French/Belgian system

**Type G**  
  
 British system

**Type L**  
  
 Italian system

**Type J**  
  
 Swiss system

**Type K**  
  
 Danish system



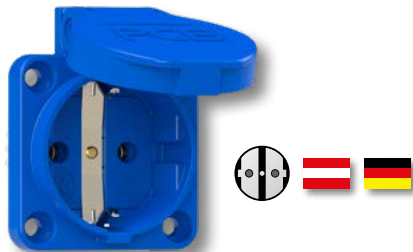


Full flexibility:

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

## 01 System - 2 versions

**Austrian/German system**  
Type F - with earth lug



**French/Belgian system**  
Type E - with earth pin



## 02 Flange size - 3 versions



**50x50mm**  
Flange: □ 50x50mm  
Fixing center: □ 38x38mm



**70x70mm**  
Flange: □ 70x70mm  
Fixing center: □ 56x56mm



**75x75mm**  
Flange: □ 75x75mm  
Fixing center: □ 60x60mm



## 03 Connection type - 3 versions

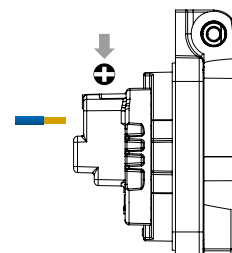
### Screw terminals

#### rear or side connection

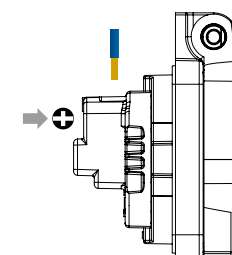
- Multi-slot screws (Type H, size 2)
- contacts open
- nickel-plated contacts
- captive screws
- **ready for wiring through**



#### rear connection



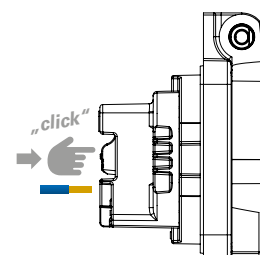
#### side connection from above



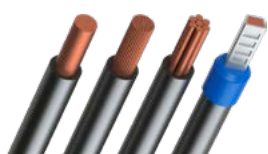
### Screwless terminal

#### rear connection

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



**TURBO** click  
**TERMINAL**



Insert wire



Press for closing terminal



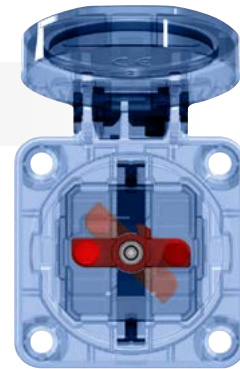
Ready!

## 04

### Shutter

SAFETY+

**Rotation shutter** (optional)  
for increased security



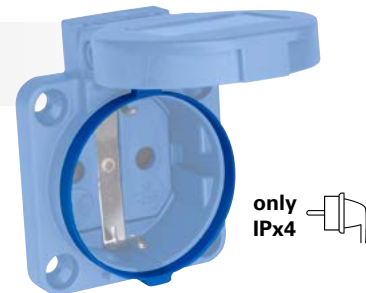
## 05

### Sealing bulge

**Sealing bulge** (optional)

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

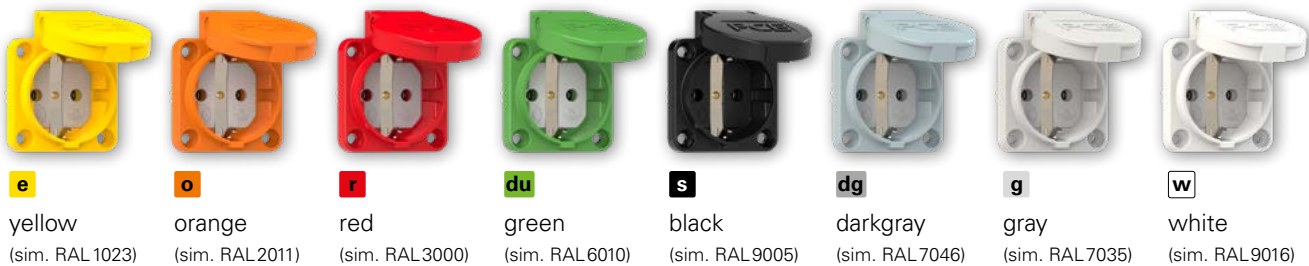
Examples for portable use:  
mobile distribution boxes and cable reels



## 06

### Colors - 9 versions

**b** blue (sim. RAL5017)  
**STANDARD**



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





## 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

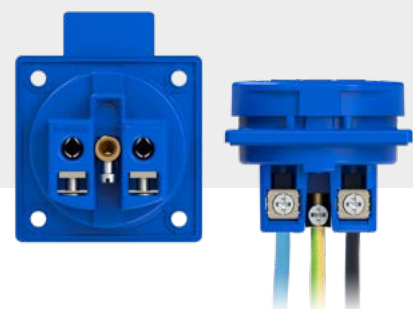


### Screw contact systems

side connection



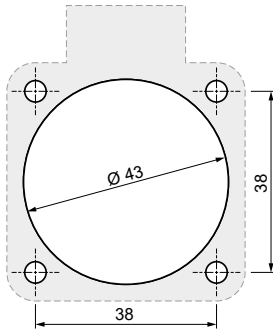
rear connection



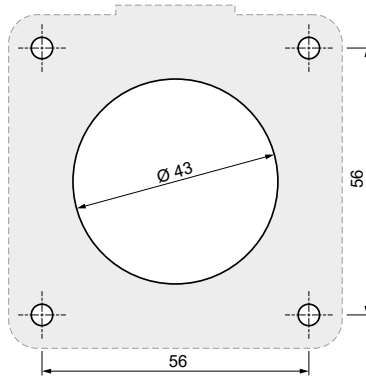


# Socket outlets

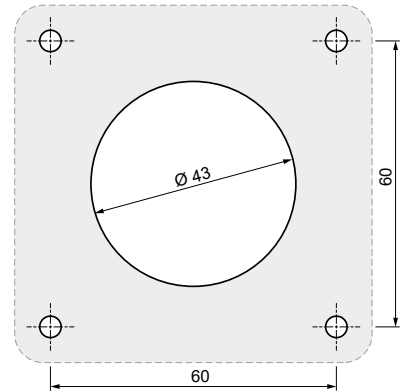
## Dimensions S-NOVA:



Flange: 50x50 mm

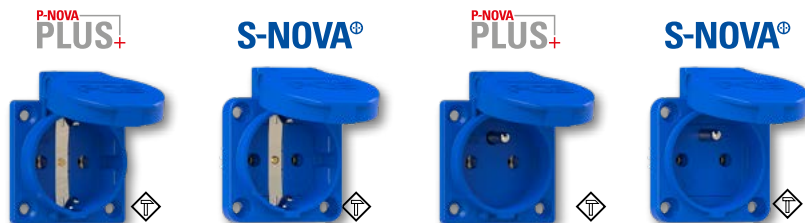






Flange: 70x70 mm



Flange: 75x75 mm

## Versions: Flange 50x50



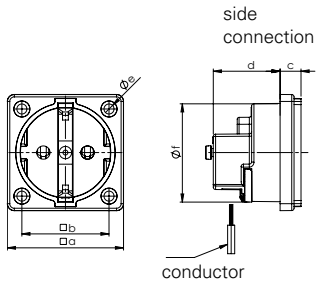
Connection type	Austrian/German system  		French/Belgian system  	
<b>Screw terminal rear connection</b>				
	<b>1050-0b</b>	<b>105-0b</b>	<b>1040-0b</b>	<b>104-0b</b>
incl. shutter	<b>1050-0bc</b>	<b>105-0bc</b>	<b>1040-0bc</b>	<b>104-0bc</b>
incl. sealing bulge*	<b>1050-0bw</b>	<b>105-0bw</b>		
<b>Screw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

\*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**



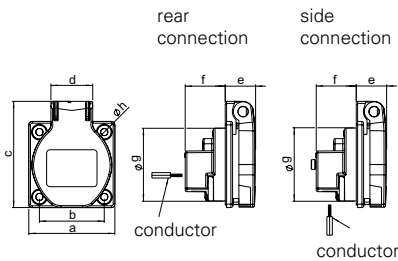
**Socket outlet Austrian/German system**

**• STANDARD •**

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

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

**IP20**



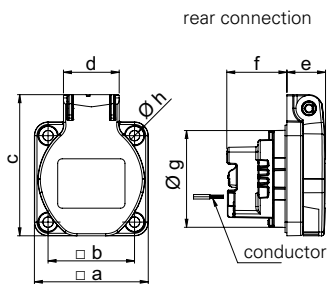
**Socket outlet Austrian/German system**

**• STANDARD •**

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

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

**IP54** splashproof



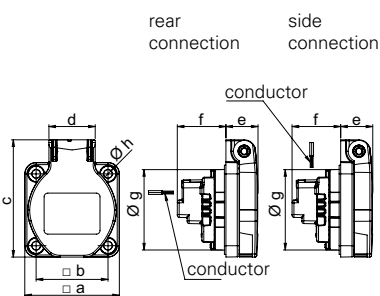
**Socket outlet Austrian/German system**

**• STANDARD •**

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

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

**IP54** splashproof



**Socket outlet Austrian/German system**

**• STANDARD •      • SPECIAL •**

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

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

**IP54** splashproof





STANDARD

SPECIAL

SPECIAL

250V~

250V~

250V~

50/60Hz  
Flange  
50x50

50/60Hz  
Flange  
70x70

50/60Hz  
Flange  
75x75

PCE

Amp.

Poles

pack.  
unit

Abbreviations/Types

Cat.No.

Cat.No.

Cat.No.

P-NOVA  
PLUS+

16

3

100

„sc“ side connection, with shutter

10584-0wsc



10584-0wsc

P-NOVA  
PLUS+

16

3

100

rear connection (standard)

1050-0b

16

3

100

„s“ side connection

1050-0bs

16

3

100

„c“ rear connection, with shutter

SAFETY+  
1050-0bc

16

3

100

„sc“ side connection, with shutter

SAFETY+  
1050-0bsc



1050-0b

S-NOVA®

16

3

100

rear connection (standard)

109-0b

16

3

100

„c“ rear connection, with shutter

SAFETY+  
109-0bc

TURBUclick  
TERMINAL



109-0b

S-NOVA®

16

3

100

rear connection (standard)

105-0b

105-7b

105-8b

16

3

100

„s“ side connection

105-0bs

105-7bs

105-8bs

16

3

100

„c“ rear connection, with shutter

SAFETY+  
105-0bc

105-7bc

105-8bc

16

3

100

„sc“ side connection, with shutter

SAFETY+  
105-0bsc

105-7bsc

105-8bsc



105-0b  
Flange = 50x50



105-8b  
Flange = 75x75

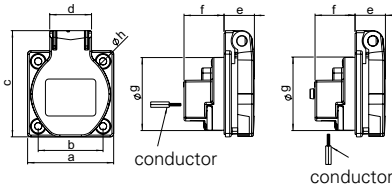
Special versions are available on request.



**Plugs and socket outlets**

**Flanged sockets** conforming to Austrian/German system for portable use

rear connection      side connection



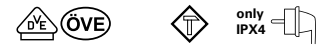
**Socket outlet Austrian/German system**

• STANDARD •

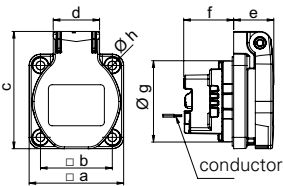
	16 Amp
<b>Poles</b>	2P + E
<b>Flange a</b> [mm]	50,5
<b>Fixing center b</b> [mm]	38
<b>c</b> [mm]	62
<b>d</b> [mm]	25
<b>e</b> [mm]	22
<b>f</b> [mm]	24
<b>g</b> [mm]	43
<b>h</b> [mm]	4,2
<b>Wire flexible</b> [mm <sup>2</sup> ]	1 - 2x2,5
<b>Wire solid</b> [mm <sup>2</sup> ]	1 - 2x2,5
<b>Contact screws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

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

**IP54** splashproof



rear connection



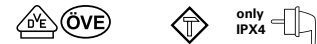
**Socket outlet Austrian/German system**

• STANDARD •

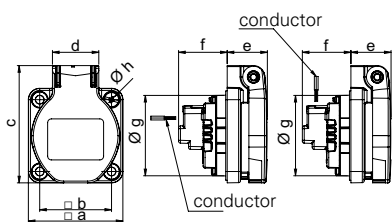
	16 Amp
<b>Poles</b>	2P + E
<b>Flange a</b> [mm]	50
<b>Fixing center b</b> [mm]	38
<b>c</b> [mm]	62
<b>d</b> [mm]	25
<b>e</b> [mm]	21
<b>f</b> [mm]	26
<b>g</b> [mm]	43
<b>h</b> [mm]	4,5
<b>Wire flexible</b> [mm <sup>2</sup> ]	1 - 2x2,5
<b>Wire solid</b> [mm <sup>2</sup> ]	1 - 2x2,5
<b>Weight</b> [g]	48

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

**IP54** splashproof



rear connection      side connection



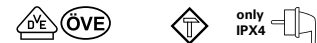
**Socket outlet Austrian/German system**

• STANDARD •      • SPECIAL •

	16 Amp	16 Amp	
	2P + E	2P + E	2P + E
<b>Poles</b>	2P + E	2P + E	2P + E
<b>Flange a</b> [mm]	50	70	75
<b>Fixing center b</b> [mm]	38	56	60
<b>c</b> [mm]	62	72	75
<b>d</b> [mm]	25	25	25
<b>e</b> [mm]	21	21	21
<b>f</b> [mm]	26	26	26
<b>g</b> [mm]	43	43	43
<b>h</b> [mm]	4,5	5,5	5,5
<b>Wire flexible</b> [mm <sup>2</sup> ]		1 - 2x2,5	
<b>Wire solid</b> [mm <sup>2</sup> ]		1 - 2x2,5	
<b>Contact screws</b> [Ncm]		80	
<b>Weight</b> [g]	48	52	57

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

**IP54** splashproof



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



STANDARD	SPECIAL	SPECIAL
<b>250V~</b>	<b>250V~</b>	<b>250V~</b>
50/60Hz Flange <b>50x50</b>	50/60Hz Flange <b>70x70</b>	50/60Hz Flange <b>75x75</b>
<b>Cat.No.</b>	<b>Cat.No.</b>	<b>Cat.No.</b>

**PCE**

Amp. Poles pack. unit Abbreviations/Types

16	3	100
16	3	100

**P-NOVA PLUS+**

**rear connection**, with sealing bulge  
side connection, with sealing bulge

1050-0bw  
1050-0bsw



1050-0bw

16	3	100
----	---	-----

**S-NOVA®**

**rear connection**, with sealing bulge

109-0bw

**TURBUCLICK TERMINAL**



109-0bw

16	3	100
16	3	100

**S-NOVA®**

**rear connection**, with sealing bulge  
side connection, with sealing bulge

105-0bw  
105-0bsw

105-7bw

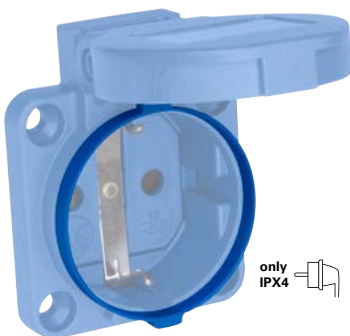
105-8bw



105-0bw

Explanation:

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

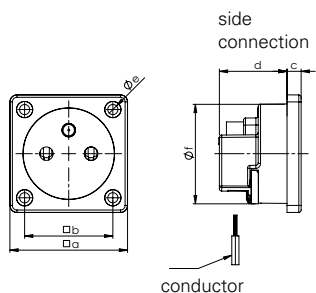


only IPX4



**Plugs and socket outlets**

**Flanged sockets conforming to French/Belgian system**

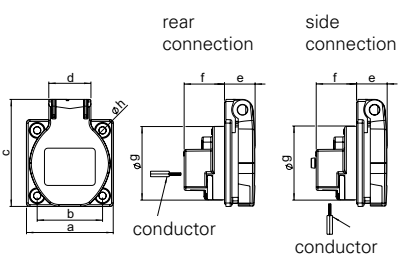


**Socket outlet French/Belgian system**

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

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

**IP20**

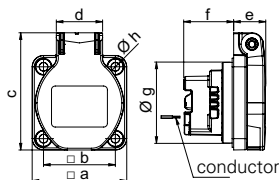


**Socket outlet French/Belgian system**

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

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

**IP54** splashproof

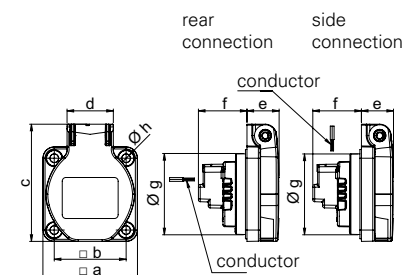


**Socket outlet French/Belgian version**

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

- 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	
<b>Poles</b>	2P + E	2P + E	2P + E
<b>Flange a</b> [mm]	50	70	75
<b>Fixing center b</b> [mm]	38	56	60
<b>c</b> [mm]	62	72	75
<b>d</b> [mm]	25	25	25
<b>e</b> [mm]	17	17	17
<b>f</b> [mm]	26	26	26
<b>g</b> [mm]	43	43	43
<b>h</b> [mm]	4,5	5,5	5,5
<b>Wire flexible</b> [mm <sup>2</sup> ]		1 - 2x2,5	
<b>Wire solid</b> [mm <sup>2</sup> ]		1 - 2x2,5	
<b>Contact screws</b> [Ncm]		80	
<b>Weight</b> [g]	46	50	54

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

**IP54** splashproof



STANDARD

SPECIAL

SPECIAL

250V~

250V~

250V~

50/60Hz  
Flange  
50x5050/60Hz  
Flange  
70x7050/60Hz  
Flange  
75x75

PCE

Amp.  
Poles  
pack.  
unit

Abbreviations/Types

Cat.No.

Cat.No.

Cat.No.

16  
3  
100P-NOVA  
PLUS+„s“ side connection  
color: white

10484-0ws



10484-0ws

16  
3  
100  
16  
3  
100  
16  
3  
100  
16  
3  
100P-NOVA  
PLUS+

rear connection (standard)

„s“ side connection

„c“ with shutter

„sc“ side connection, with shutter

1040-0b  
1040-0bs  
1040-0bc  
1040-0bsc

1040-0b

16  
3  
100  
16  
3  
100

S-NOVA®

rear connection (standard)

„c“ with shutter

108-0b  
108-0bcTURBOclick  
TERMINAL

108-0b

108-0b

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

S-NOVA®

rear connection (standard)

„s“ side connection

„c“ with shutter

„sc“ side connection, with shutter

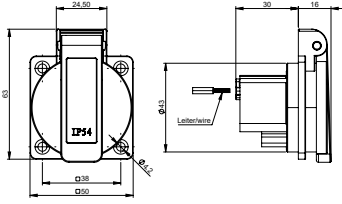
104-0b  
104-0bs  
104-0bc  
104-0bsc104-7b  
104-7bs  
104-7bc  
104-7bsc104-8b  
104-8bs  
104-8bc  
104-8bsc104-0b  
Flange = 50x50

Special versions are available on request.



## Plugs and socket outlets

# Flanged sockets conforming to Danish, English and Swiss system

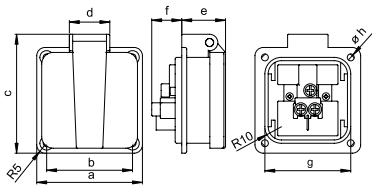


### Socket outlet Danish system

	16 Amp
<b>Poles</b>	2P + E
<b>a</b> [mm]	50
<b>b</b> [mm]	38
<b>c</b> [mm]	63
<b>d</b> [mm]	24,5
<b>e</b> [mm]	16
<b>f</b> [mm]	30
<b>g</b> [mm]	43
<b>h</b> [mm]	4,2
<b>Weight</b> [g]	44

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

**IP54** splashproof

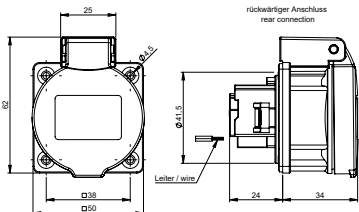
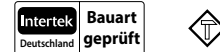


### Socket outlet English version

	13 Amp	13 Amp
<b>Poles</b>	2P + E	2P + E
<b>a</b> [mm]	64	50
<b>b</b> [mm]	52	38
<b>c</b> [mm]	72	64
<b>d</b> [mm]	25	25
<b>e</b> [mm]	26,5	18
<b>f</b> [mm]	18	22
<b>g</b> [mm]	52	35
<b>h</b> [mm]	4,2	4,5
<b>Weight</b> [g]	70	60

- with screw terminals
- housing material: PA6

**IP54** splashproof

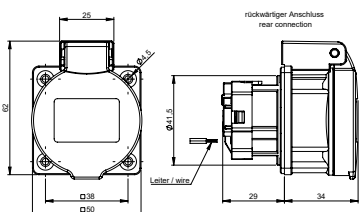


### Socket outlet IP55 Swiss version T13 and T23

	10 Amp	16 Amp
<b>Poles</b>	2P + E	2P + E
<b>Weight</b> [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
<b>Poles</b>	3L + N + PE
<b>Weight</b> [g]	67

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

**IP55** dust- and splashproof










250V~

440V~

50/60Hz

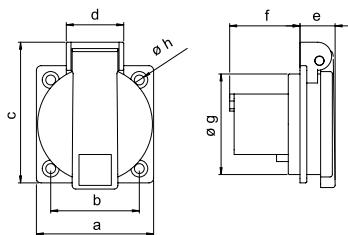
50/60Hz

Amp.	Poles	pack. unit	Abbreviations/Types	Cat.No.	Cat.No.
16	3	100	rear connection Flange: 50 x 50 blue	1030-0b	 <p>1030-0b</p>
16	3	100	rear connection Flange: 50 x 50 black	1030-0s	
13	3	100	side connection Flange: 64 x 64 black	1020-0s	 <p>1020-5s</p>
13	3	100	side connection Flange: 50 x 50 black	1020-5s	
10	3	100	T13 rear connection Flange: 50 x 50 black (lid blue), with Shutter	1313-0bc	 <p>1313-0bc</p>  <p>1323-0bc</p>
16	3	100	T23 rear connection Flange: 50 x 50 black (lid blue), with Shutter	1323-0bc	
16	3	100	T25 rear connection Flange: 50 x 50 black (lid red)	1325-0r	 <p>1325-0r</p>



# Plugs and socket outlets

## Flanged sockets and accessories

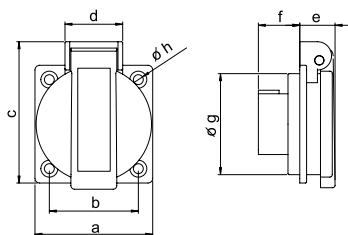


### Socket outlet Italian system

	16 Amp
<b>Poles</b>	2P + E
<b>a</b> [mm]	50
<b>b</b> [mm]	38
<b>c</b> [mm]	61,5
<b>d</b> [mm]	25,5
<b>e</b> [mm]	14,5
<b>f</b> [mm]	29
<b>g</b> [mm]	43,6
<b>h</b> [mm]	4,2
<b>Weight</b> [g]	45

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

**IP54** splashproof

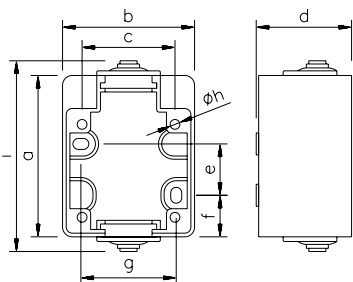


### Socket outlet Australian system

	15 Amp
<b>Poles</b>	2P + E
<b>a</b> [mm]	50
<b>b</b> [mm]	38
<b>c</b> [mm]	62
<b>d</b> [mm]	24,5
<b>e</b> [mm]	17,5
<b>f</b> [mm]	14
<b>g</b> [mm]	42
<b>h</b> [mm]	4,2
<b>Weight</b> [g]	45

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

**IP54**



### 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 1323-0bc and for Danish socket 1030-0b
- incl. 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




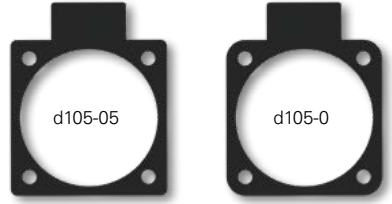

- flange 50x50mm

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+	<b>106-0</b>	blue	
		24	Mounting box for S-NOVA and P-NOVA+	106-0g	grey	
			<b>Fields of application:</b> designed for use in workshop halls, garages, industrial plants, outside walls,...			
			Mounting box is supplied complete.			
			<b>Flange gasket for P-NOVA Plus 50x50</b>	<b>d105-05</b>		
			<b>Flange gasket for S-NOVA 50x50</b>	d105-0		
			<b>Flange gasket for S-NOVA 70x70</b>	d10570		
			<b>Flange gasket for S-NOVA 75x75</b>	d10575		
				<b>ts105</b>		

P-NOVA  
**PLUS**+

**S-NOVA**®



## Plugs and socket outlets

# Data socket, USB socket and accessories



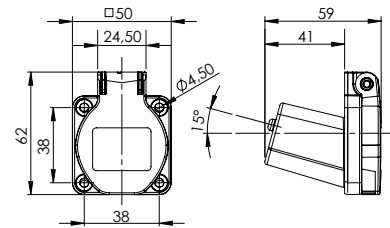
### Data socket with CAT 6<sub>A</sub> RJ45 module

- Data socket with hinged lid (2x opening)
- housing material: PA6 yellow
- incl. rubber seal with cable entry
- **incl. 2xCAT 6<sub>A</sub> 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)**

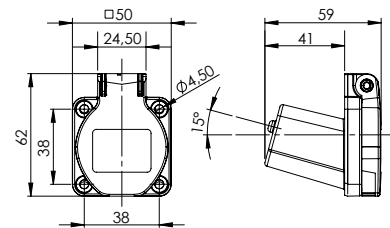
1x opening  
2x opening

**IP54** splashproof  
(lid closed)

**110m-0e**

**120m-0e**

pack.unit: 1



### Keystone module CAT 6<sub>A</sub>

- CAT 6<sub>A</sub> 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<sub>A</sub> RJ45/RJ45

- CAT 6<sub>A</sub> 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)
- IP44 (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

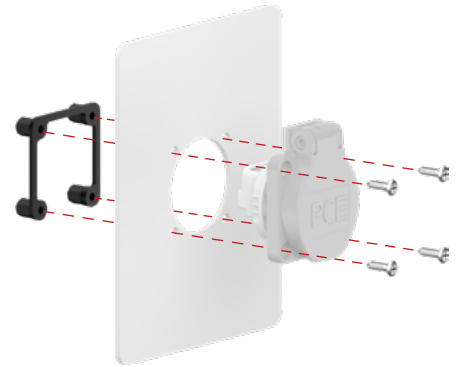
**12k452-1/4**

Mounting-set for panel thickness 4–8mm

**12k452-4/8**

Mounting-set for panel thickness 8–13mm

**12k452-8/13**



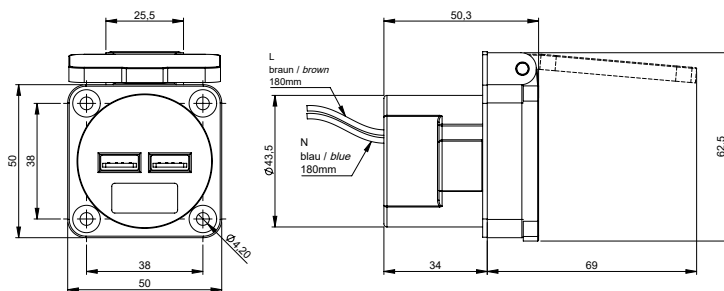
### USB charging socket 5V/2,1A (2x) with integrated power supply unit

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 HxVxD: 62,5x50x50,3 mm, flange hole spacing: 38x38 mm
- incl. flange gasket (rubber)

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



**U25050**

pack.unit: 20



PCE




MADE IN AUSTRIA


# NAUTILUS

## WATERTIGHT PLUGS, SOCKETS AND CONNECTORS

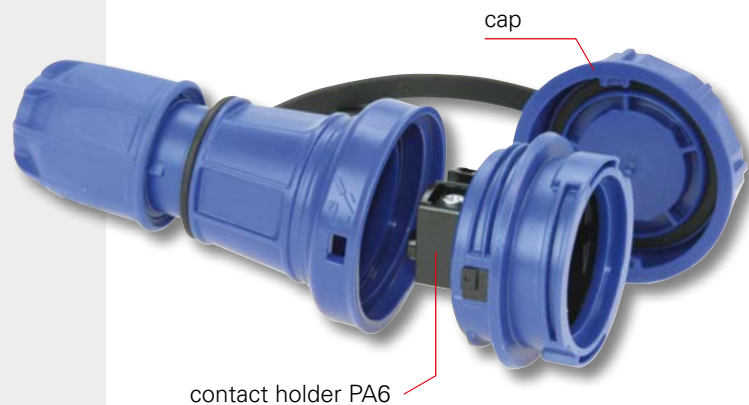
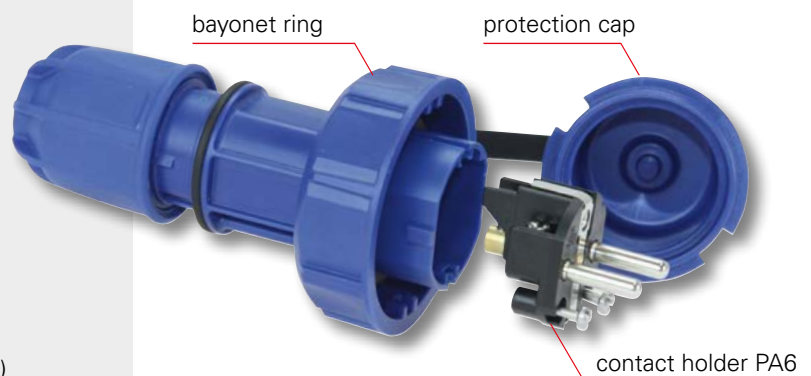
### IP66/68

#### Plug / Connector

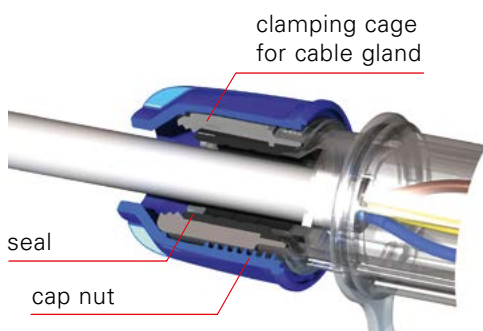
- IP66/68 waterproof up to 2 bar / 2 h
- for severe conditions
- with/without shutter 
- robust design
- housing material PC/ABS
- protection cover with bayonet
- contact supporting part of PA6, glow wire test 850°C
- open contact screw head +/- (Typ H, Size 2)
- nickel-plated screw terminals
- cover and cap with elastic band
- axels and mounting screws in stainless V2A quality
- two earthing system (plug)
- very large hinged lid opening angle (~160°)
- 2 color versions:
  - blue (sim. RAL5005)
  - bronze-green (sim. RAL6031)
- optional: weapon norm approval VG96926

   Austrian/German system

   French/Belgian system



#### Screwless cable gland

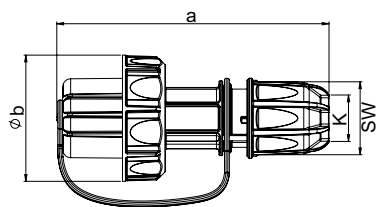


#### Flanged socket

nickel-plated screw terminals, rear connection

seal



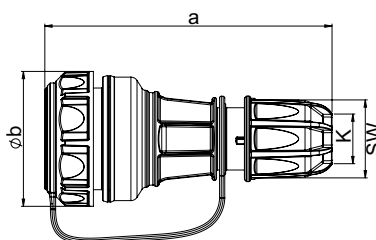


### Plug with protection cap IP66/68

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

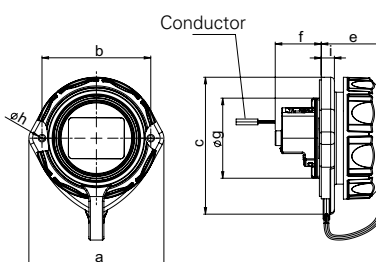


### Connector with cap IP66/68

	16 Amp
<b>Poles</b>	2P + E
<b>a</b> [mm]	140
<b>b Ø</b> [mm]	65
<b>K (cable Ø)</b> [mm]	6- 19
<b>SW</b> [mm]	38
<b>Wire flexible</b> [mm <sup>2</sup> ]	1- 2,5
<b>Contact screws</b> [Ncm]	80
<b>Weight</b> [g]	136

- 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

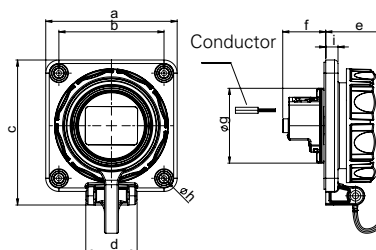


### Flanged socket oval with cover band IP66/68

	16 Amp
<b>Poles</b>	2P + E
<b>a</b> [mm]	72
<b>b</b> [mm]	58
<b>c</b> [mm]	75
<b>e</b> [mm]	36
<b>f</b> [mm]	25
<b>g</b> [mm]	43
<b>h</b> [mm]	4
<b>i</b> [mm]	7
<b>Wire flexible</b> [mm <sup>2</sup> ]	1- 2x2,5
<b>Wire solid</b> [mm <sup>2</sup> ]	1- 2x2,5
<b>Contact screws</b> [Ncm]	80
<b>Weight</b> [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
<b>Poles</b>	2P + E
<b>a</b> [mm]	75
<b>b</b> [mm]	60
<b>c</b> [mm]	84
<b>d</b> [mm]	30
<b>e</b> [mm]	36
<b>f</b> [mm]	25
<b>g</b> [mm]	43
<b>h</b> [mm]	5,5
<b>i</b> [mm]	7
<b>Wire flexible</b> [mm <sup>2</sup> ]	1- 2x2,5
<b>Wire solid</b> [mm <sup>2</sup> ]	1- 2x2,5
<b>Contact screws</b> [Ncm]	80
<b>Weight</b> [g]	101

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- rear connection
- 4-point fastening
- VG96926 (Weapon norm approval) on request!

**IP66/68** watertight  
up to 2 bar / 2h






Amp.	Poles	pack. unit	Abbreviations/Types	250V~	250V~
				50/60Hz blue	50/60Hz bronzegreen
				Cat.No.	Cat.No.

			<b>Austrian/German System</b> <b>French/Belgian System</b>		
16	3	10	2-earthing systems		
				20051-b	20051-u




			<b>Austrian/German System</b> without shutter with shutter	 SAFETY+	
16	3	10	without shutter		20251-b
16	3	10	with shutter		20251-bc
			<b>French/Belgian System</b> without shutter with shutter		20241-u
16	3	10	without shutter		20241-b
16	3	10	with shutter		20241-bc



			<b>Austrian/German System</b> rear connection rear connection, with shutter	 SAFETY+	
16	3	10	rear connection		20351-9b
16	3	10	rear connection, with shutter		20351-9bc
			<b>French/Belgian System</b> rear connection rear connection, with shutter		20341-u
16	3	10	rear connection		20341-b
16	3	10	rear connection, with shutter		20341-bc



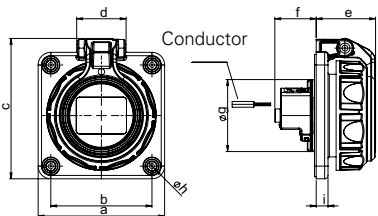
			<b>Austrian/German System</b> rear connection rear connection, with shutter	 SAFETY+	
16	3	10	rear connection		20351-8b
16	3	10	rear connection, with shutter		20351-8bc
			<b>French/Belgian System</b> rear connection rear connection, with shutter		20341-u
16	3	10	rear connection		20341-b
16	3	10	rear connection, with shutter		20341-bc



Information icons: i, electrical symbols, and a red button with a white electrical symbol.

Navigation icons: PD, a red button with a white electrical symbol, a shield with a lightning bolt, a microphone, a tablet, a game controller, a lightbulb, a car, and a hash symbol #.

## watertight flanged sockets IP66/68

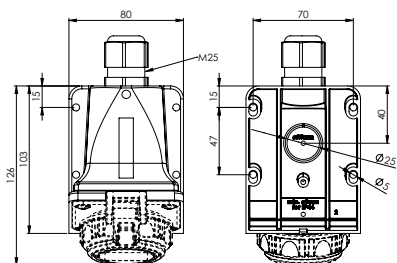


### Flanged socket 75x75mm with hinged lid IP66/68

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

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

**IP66/68** watertight  
up to 2 bar / 2h

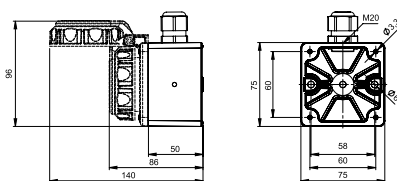


### Wall housing for flanged socket 75x75mm IP66/68

Example:



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



### Surface housing for flanged socket 75x75mm IP66/68

Example:



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



Fig.1

### Opening and closing:

When opening the hinged lid it latches into a defined position which prevents the lid when closing in a half position (Fig.1) on the housing.

The open and closed position is visible by the position of the silver label to make sure, that the socket is closed all the way to be watertight.




**Labelling field horizontal:**  
cover closed  
**waterproof**



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

Amp.	Poles	pack. unit	Abbreviations/Types	250V~	250V~
				50/60Hz blue	50/60Hz bronzegreen
				Cat.No.	Cat.No.

16	3	10	<b>Austrian/German System</b> rear connection	 SAFETY+	20352-8b	20352-8u
					20352-8bc	20352-8uc
16	3	10	<b>French/Belgian System</b> rear connection		20342-8b	20342-8u
					20342-8bc	20342-8uc



		10	grey wall housing (empty)		20168g	20168.u
--	--	----	------------------------------	--	--------	---------



		10	surface housing, no opening (blind)		80068	80068.u
		10	surface housing with 1x cable gland M20		80168	80168.u



### ■ Screw head seal:

Plastic bed „A“ acts as an additional screw head seal to prevent water entering through the screw head.  
 Flange gasket (seal) „B“ additionally prevents water entering through the threaded shaft of the screw.



Information icons: i, electrical symbols, and a red button with a white electrical symbol.



The new **TAURUS<sup>2</sup>** 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

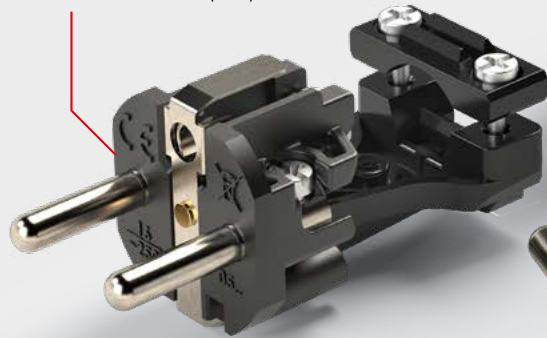
- for severe conditions
- 16A 250V~
- single and dual earthing system

<b>Torques:</b>	
contact screws:	80Ncm
strain relief/housing screw:	110Ncm

- ✓ easy disassembly of housing
- ✓ large connection area
- ✓ simple mounting of the contact carriers
- ✓ internal strain relief
- ✓ easy to use cable clamp elements (open screws)
- ✓ all contact screws can be adjusted from a single direction

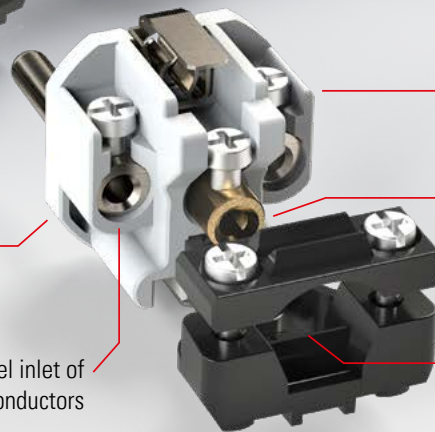
QUALITY  
IN EVERY DETAIL

**Solid rubber version**  
contact carrier rubber (TPE)



**Rubber version**  
contact carrier polyamide (PA6)

funnel inlet of  
conductors



open +/- contact  
screws (PH2)

PE terminal leading  
(no need to shorten  
L and N conductor)

open strain relief  
(PA6)

**2x8**  
COLOR VARIATIONS

**Standard version**  
housing black / ring red



special colors **ring**



special colors **housing**



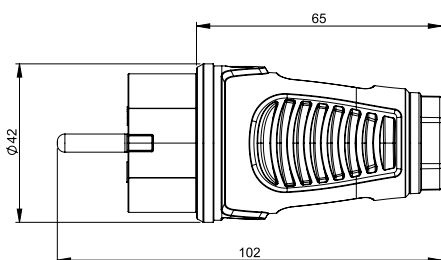
## Plug IP54

### Safety plug Series TAURUS<sup>2</sup>

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



0522-sr



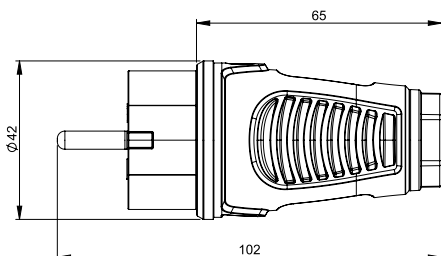
### Austrian/German system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
Austrian/German	<b>0511-sr</b>	<b>0512-sr</b>



pack. unit = 30 pcs. (minimum order quantity)



### Dual earthing system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
dual earthing system	<b>0521-sr</b>	<b>0522-sr</b>



pack. unit = 30 pcs. (minimum order quantity)



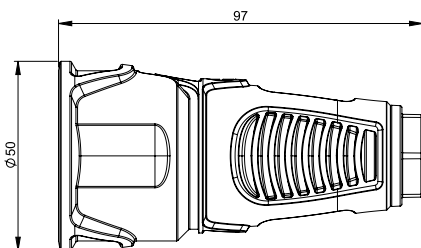
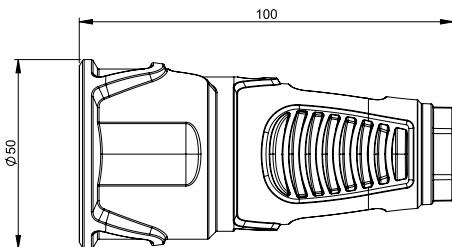
Special colors ring (MOQ 200 pcs.)	black	orange	yellow	green	blue	white	dark gray
Austrian/German rubber	0511-ss	0511-so	0511-se	0511-shu	0511-sb	0511-sw	0511-sdg
Austrian/German solid rubber	0512-ss	0512-so	0512-se	0512-shu	0512-sb	0512-sw	0512-sdg
dual earthing system rubber	0521-ss	0521-so	0521-se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



2520-sr



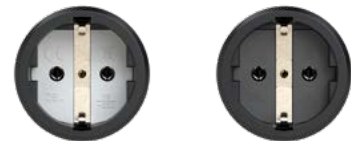
## Connector IP20

### Safety connector Series TAURUS<sup>2</sup>

- 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	<b>2510-sr</b>	<b>2520-sr</b>
Austrian/German with shutter SAFETY <sup>+</sup>	<b>2510-src</b>	–



pack. unit = 20 pcs. (minimum order quantity)



#### French/Belgian system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
French/Belgian	<b>2410-sr</b>	–
French/Belgian with shutter	<b>NF 2410-src</b>	–

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

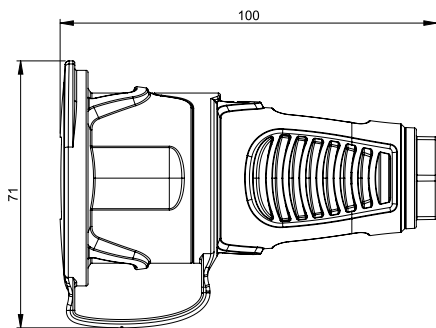
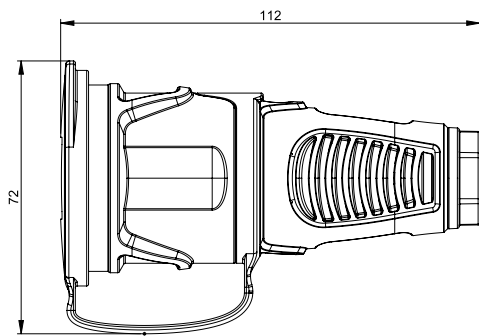




## Connector IP54 with cap

### Safety connector Series TAURUS<sup>2</sup>

- 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	<b>2511-sr</b>	<b>2521-sr</b>
Austrian/German with shutter SAFETY <sup>+</sup>	<b>2511-src</b>	–



pack. unit = 20 pcs. (minimum order quantity)



### French/Belgian system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
French/Belgian	<b>2411-sr</b>	–
French/Belgian with shutter	<b>NF 2411-src</b>	–



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



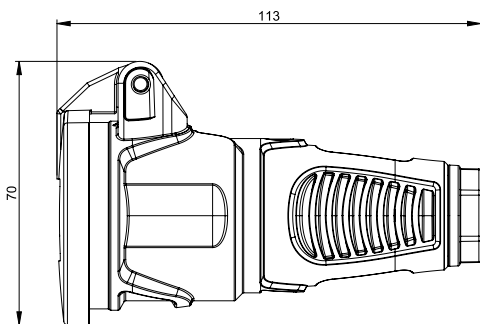
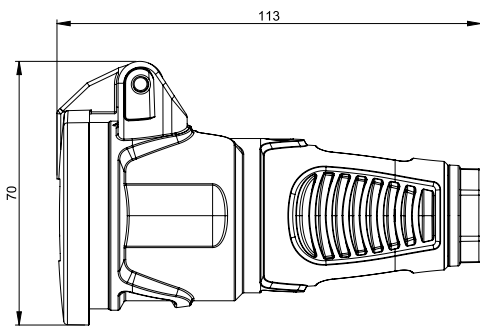


2522-sr

## Connector IP54 with hinged lid

### Safety connector Series TAURUS2

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



### Austrian/German system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
Austrian/German	<b>2512-sr</b>	<b>2522-sr</b>
Austrian/German with shutter SAFETY+	<b>2512-src</b>	–



pack. unit = 20 pcs. (minimum order quantity)



### French/Belgian system



Version	Rubber	Solid rubber
contact carriers	Polyamide (PA6)	Rubber (TPE)
French/Belgian	<b>2412-srw</b>	–
French/Belgian with shutter	<b>2412-srcw</b>	–



pack. unit = 20 pcs. (minimum order quantity)

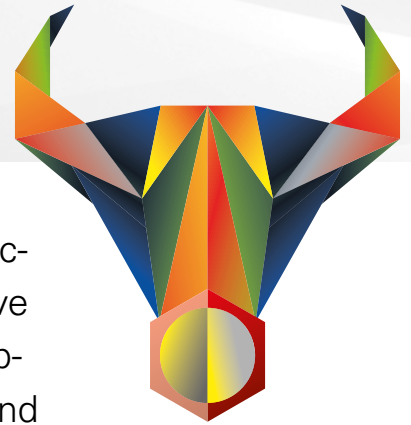


Special colors ring (MOQ 200 pcs.)	black	orange	yellow	green	blue	white	dark gray
Austrian/German rubber	2512-ss	2512-so	2512-se	2512-shu	2512-sb	2512-sw	2512-sdg
Austrian/German rubber with shutter	2512-ssc	2512-soc	2512-sec	2512-shuc	2512-sbc	2512-swc	2512-sdgc
Austrian/German solid rubber	2522-ss	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





The new series **TOPTAURUS<sup>2</sup>** 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



**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



### LED operating voltage indicator

for visual indication if voltage is present.  
(suitable for repeating tests)



## QUICK & EASY ASSEMBLY

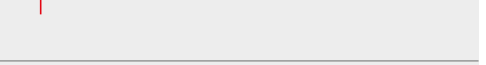
**1** Push in direction of the arrow to unlock contact carrier



**2** Pull out contact carrier



**3** Insert and connect cable



**4** Tighten housing cover  
contact carrier is automatically locked and strain relief is tightened



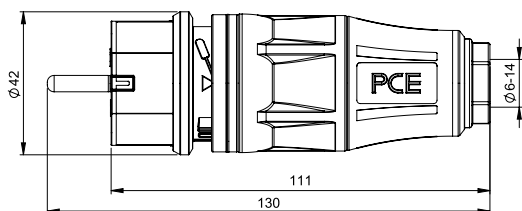
**READY!**



## Plug IP54

### Safety plug series TOPTAURUS<sup>2</sup>

- 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	<b>05721-sr</b>

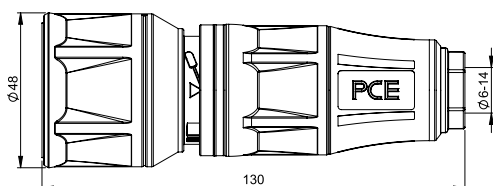


pack.unit = 20 pcs.

## Connector IP20

### Safety connector series TOPTAURUS<sup>2</sup>

- 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		<b>25710-sr</b>
connector IP20 with shutter	SAFETY <sup>+</sup>	<b>25710-src</b>
connector IP20 with LED voltage indicator	LED	<b>25730-sr</b>
connector IP20 with shutter and with LED voltage indicator	LED SAFETY <sup>+</sup>	<b>25730-src</b>

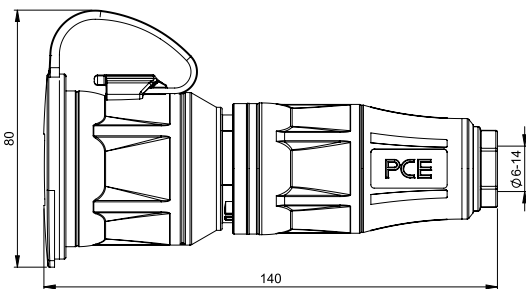


pack.unit = 10 pcs.

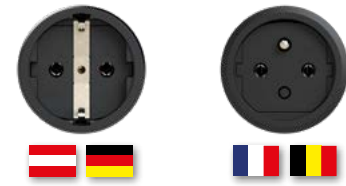
## Connector IP54 with cap

### Safety connector series TOPTAURUS2

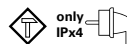
- material: PA6, 2-component rubberized
- system: Austrian/German or French/Belgian
- cap with band
- screwless quick lock system for housing cover and strain relief
- color: black/red
- optional: LED voltage indicator light
- protection class: **IP54** dust- and splashproof



25711-sr



version	Austr./German	French/Belgian
connector IP54 with cap	<b>25711-sr</b>	<b>24711-sr</b>
with shutter SAFETY+	<b>25711-src</b>	<b>24711-src</b>
with LED voltage indicator	<b>25731-sr</b>	<b>24731-sr</b>
with shutter and with LED voltage indicator	<b>25731-src</b>	<b>24731-src</b>

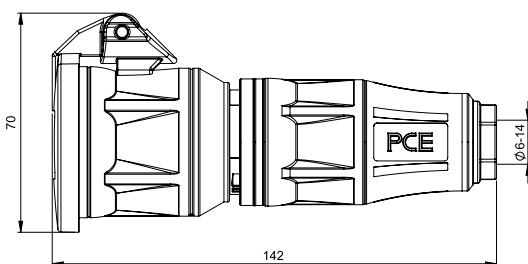


pack.unit = 10 pcs.

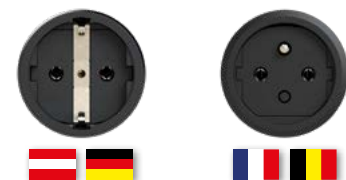
## Connector IP54 with hinged lid

### 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	<b>25712-sr</b>	<b>24712-sr</b>
with shutter SAFETY+	<b>25712-src</b>	<b>24712-src</b>
with LED voltage indicator	<b>25732-sr</b>	<b>24732-sr</b>
with shutter and with LED voltage indicator	<b>25732-src</b>	<b>24732-src</b>



pack.unit = 10 pcs.



## 3-way connector

# TAURUS

# TOPTAURUS



**optional LED**  
(voltage indication on the back)

**100%**  
MADE IN AUSTRIA

# FULL FLEXIBILITY...



SELECTION OPTIONS:

- 01 Strain relief**  
external / internal
- 02 Earthing system**  
Austrian/German or French/Belgian
- 03 Cap**  
with hinged lid / with band
- 04 Contact carrier**  
TPE (solid rubber) / PA6 (rubber)
- 05 Shutter**  
with / without shutter
- 06 LED**  
with / without LED voltage indicator
- 07 Connection terminal**  
3 pole / 5 pole
- 08 Colors**  
7 colors available

## 01 Strain relief

### TAURUS

**internal strain relief**  
with cable clamp and bend protection sleeve



### TOPTAURUS

**external strain relief**  
quick and easy assembly, incl. optimum bend protection



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

# 3-way connector

## 02 Earthing system

### Austrian/German system

Type F - with earth lug



### French/Belgian system

Typ E - with earth pin



## 03 Cap

cap with band



cap with hinged lid  
self closing

## 04 Contact carrier

### TPE (≙ solid rubber)

housing TPE + contact carrier TPE = solid rubber version



Contact carrier insert made of high-quality thermoplastic elastomer material (TPE) for the toughest conditions and extremely high loads

### PA6 (≙ rubber)

housing TPE + contact carrier PA6 = rubber version



Contact carrier insert made of robust PA6 plastic

## 05 Shutter

### rotary shutter

(optional) for increased contact protection



## 06 LED

### LED voltage indicator

(optional) for visual indication if voltage is present.

The LED offers particular advantages when testing the insulation resistance between L and N during repetitive tests.





## 07 Connection terminal

### 3 pole

Connection terminal with clamping range 1–2,5 mm<sup>2</sup>



### 5 pole

Allocation of the 3 sockets to the individual phases L1, L2 and L3 for supply cable CEE 16A 5p



## 08 available colors

Colors (similar to RAL)	red (RAL3000)	black (RAL9005)	dark gray (RAL7046)	blue (RAL5017)	green (RAL6018)	yellow (RAL1023)	orange (RAL2011)
Color code	sr	ss	sdg	sb	shu	se	so

### Hinged lid version (standard black/red)



### Cap with band version (standard black/red)



## 3-way connector



### 3-way connector with cap IP54

- cap with band
- internal strain relief
- versions: rubber (contact carrier PA6)  
solid rubber (contact carrier TPE)
- sealing bulge (Austrian/German system only)
- optional: shutter
- ready pre-wired on main terminal 3p or 5p

IP54 dust- and splashproof

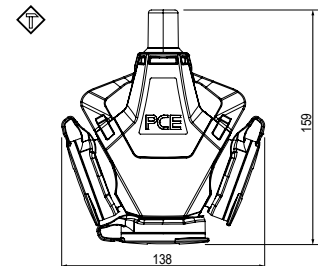
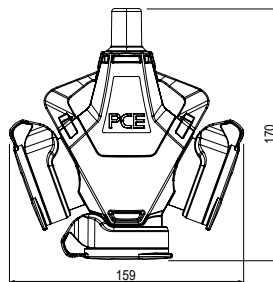


cap with band version	Austrian/German system 	
	rubber (PA6)	solid rubber (TPE)
3-way connector Taurus2	<b>253711-sr</b>	<b>253721-sr</b>
3-way connector Taurus2 <b>with shutter</b>	<b>253711-src</b>	–
3-way connector Taurus2 <b>5 pole</b>	<b>253711-sr5</b>	<b>253721-sr5</b>
3-way connector Taurus2 <b>5 pole with shutter</b>	<b>253711-src5</b>	–

French/Belgian system 
rubber (PA6)
<b>243711-sr</b>
<b>243711-src</b> 
<b>243711-sr5</b>
<b>243711-src5</b>



5-pole:  





### 3-way connector with hinged lid IP54

- hinged lid (self closing)
- internal strain relief
- versions: rubber (contact carrier PA6)  
solid rubber (contact carrier TPE)
- sealing bulge (Austrian/German system only)
- optional: shutter
- ready pre-wired on main terminal 3p or 5p

IP54 dust- and splashproof

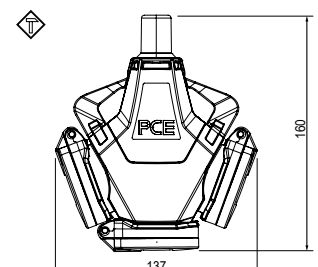
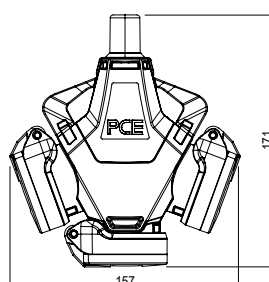


hinged lid version	Austrian/German system 	
	rubber (PA6)	solid rubber (TPE)
3-way connector Taurus2	<b>253712-sr</b>	<b>253722-sr</b>
3-way connector Taurus2 <b>with shutter</b>	<b>253712-src</b>	–
3-way connector Taurus2 <b>5 pole</b>	<b>253712-sr5</b>	<b>253722-sr5</b>
3-way connector Taurus2 <b>5 pole with shutter</b>	<b>253712-src5</b>	–

French/Belgian system 
rubber (PA6)
<b>243712-sr</b>
<b>243712-src</b> 
<b>243712-sr5</b>
<b>243712-src5</b>



5-pole:  

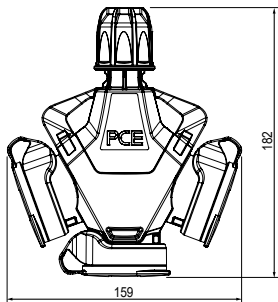


## 3-way connector

### 3-way connector with cap IP54

- cap with band
- external strain relief
- versions: rubber (contact carrier PA6)  
solid rubber (contact carrier TPE)
- sealing bulge
- optional: shutter, LED voltage indicator
- ready pre-wired on main terminal 3p or 5p

IP54 dust- and splashproof



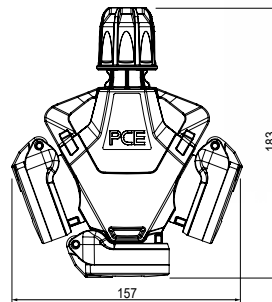
cap with band version	Austrian/German system	
	rubber (PA6)	solid rubber (TPE)
3-way connector TopTaurus2	<b>253811-sr</b>	<b>253821-sr</b>
3-way connector TopTaurus2 <b>with shutter</b> SAFETY+	<b>253811-src</b>	–
3-way connector TopTaurus2 <b>with LED</b> LED	<b>253831-sr</b>	<b>253841-sr</b>
3-way connector TopTaurus2 <b>with LED + shutter</b> LED SAFETY+	<b>253831-src</b>	–
3-way connector TopTaurus2 <b>5 pole</b>	<b>253811-sr5</b>	<b>253821-sr5</b>
3-way connector TopTaurus2 <b>5 pole + shutter</b>	<b>253811-src5</b>	–



### 3-way connector with hinged lid IP54

- hinged lid (self closing)
- external strain relief
- versions: rubber (contact carrier PA6)  
solid rubber (contact carrier TPE)
- sealing bulge
- optional: shutter, LED voltage indicator
- ready pre-wired on main terminal 3p or 5p

IP54 dust- and splashproof



hinged lid version	Austrian/German system	
	rubber (PA6)	solid rubber (TPE)
3-way connector TopTaurus2	<b>253812-sr</b>	<b>253822-sr</b>
3-way connector TopTaurus2 <b>with shutter</b> SAFETY+	<b>253812-src</b>	–
3-way connector TopTaurus2 <b>with LED</b> LED	<b>253832-sr</b>	<b>253842-sr</b>
3-way connector TopTaurus2 <b>with LED + shutter</b> LED SAFETY+	<b>253832-src</b>	–
3-way connector TopTaurus2 <b>5 pole</b>	<b>253812-sr5</b>	<b>253822-sr5</b>
3-way connector TopTaurus2 <b>5 pole + shutter</b>	<b>253812-src5</b>	–



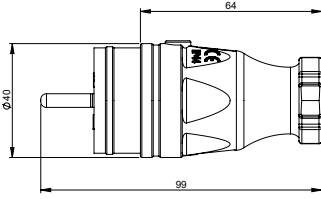
3-way connectors are also perfect for hanging use!


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



## Safety plugs

### Plug French/Belgian system IP44



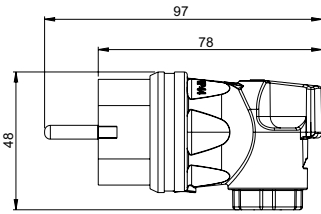
IP44 splashproof 




Version:	Rubber	Solid rubber
Contact carriers	polyamide (PA6)	rubber (TPE)
french/belgian	<b>0531-s</b>	<b>0532-s</b>

pack.unit: 30 pcs.

### Angled plug (rubber / solid rubber) IP44



IP44 splashproof 

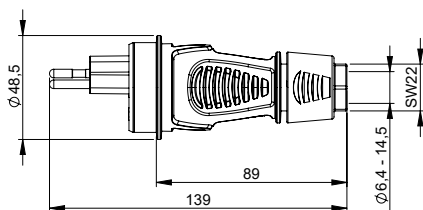


Insert:	acc. Austrian/German system	dual earthing system	acc. French/Belgian System
Polyamide	<b>05811-s</b>	<b>05821-s</b>	<b>05831-s</b>
Rubber	<b>05812-s</b>	<b>05822-s</b>	<b>05832-s</b>

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 system 16A 3p IP55
Cat.No.	<b>0313-ss</b>	<b>0323-ss</b>

pack unit: 20 pcs.

# PA/PP safety plugs and sockets

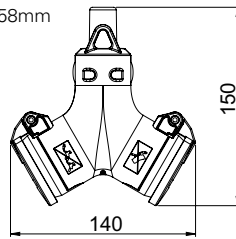
## 2-way connector with hinged lid IP44

- with hinged lid
- Insert: polyamide

**IP44** splashproof



Height = 58mm



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

pack.unit: 10 pcs.

## Safety plugs and connectors

Polypropylene (PP)

### dual earthing system

#### Plug

- Polypropylene (PP)

**IP20**

Color	pack. unit	cable entry central	cable entry side
white	50	08266	08309
brown	50	08282	08325
black	50	08295	08338
grey	50	08279	08312



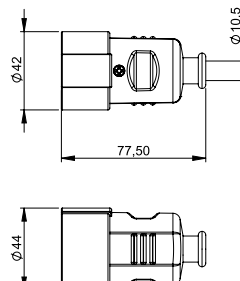
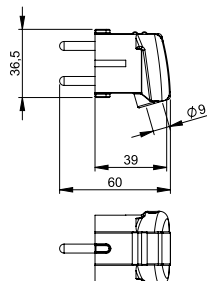
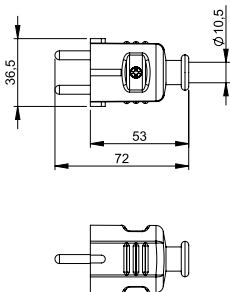
#### Connector

- Polypropylene (PP)

**IP20**

Color	pack. unit	acc. Aust./Germ. system	acc. French/Belg. system*
white	25	05148	08224
brown	25	05164	
black	25	05177	08253
grey	25	05180	

\*without shutter



## 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



MADE IN AUSTRIA



## PROTECT - CHECK - SWITCH

		Page
	<b>Mobile personal protection device</b> PRCD-S+, PRCD-K+, NM5p, Safety distribution boxes	<b>206</b>
	<b>CEE diagnostic plug</b>	<b>210</b>
	<b>CEE current measurement plug</b>	<b>211</b>
	<b>Adaptors</b>	<b>212</b>
	<b>Motor protection switch</b>	<b>213</b>
	<b>Motor protection plugs</b>	<b>214</b>



# 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](http://www.prcd-s.info)



# PRCD-S+ safety protection devices with comprehensive personal protection

## PRCD-S+ Mobile personal protection device

- for direct use inline with connection cords
- Cable inline version **PRCD-S+** 16A 30mA IP55
- Cable inline version **PRCD-S+** 16A 10mA IP55

967011355

967011155



## PRCD-S+ Safety extension cord IP44

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

- 25m H07RN-F 3G1,5
- 3x safety sockets (individually replaceable) with sealing bulge and self closing hinged lid 16A 250V, thermo protection switch and rubber safety plug (dual earthing system)
- Including mobile personal protection device **PRCD-S+** 16A 250V~ 30mA, IP44

9250027-p



## PRCD-S+ Safety cable reel XREEL®310

- 40m H07RN-F 3G2,5
- 4x safety sockets (individually replaceable) with sealing bulge and self closing hinged lid 16A 250V, thermo protection switch, power indicator light and rubber safety plug (dual earthing system).
- Including mobile personal protection device **PRCD-S+** 16A 250V~ 30mA, IP44

9350001-p



## PRCD-S+ Carrying case

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  $\geq 30\text{mA}$

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 & TN power 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

Input: L1 / L2 / L3 / N / PE and connection for external button

Output: control for 2x contactor (K1 and K2)

47365

### 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  $183V_{\text{rms}}$   
 → main circuit cannot be switched on or switches off.

- **Neutral conductor missing or carrying voltage against protective conductor:**

Rise of neutral voltage  $>20V_{\text{rms}}$  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  $>20V_{\text{rms}}$   
 → 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 5G2,5mm<sup>2</sup> 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 5G2,5mm<sup>2</sup> 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 5G6mm<sup>2</sup> with plug 32A 5p 400V
  - Outlet: 1x CEE-socket 32A 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

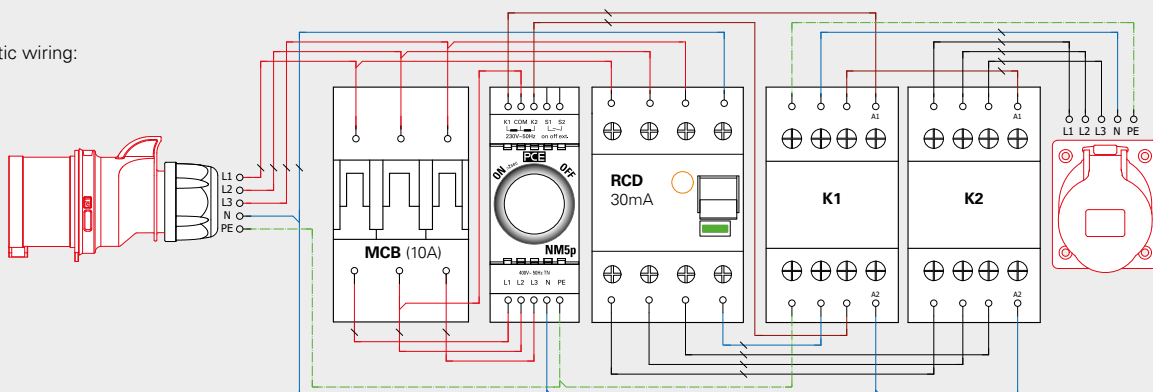
### PRCD-S Safety distribution box 400V 32A with NM5P

- Mobile rubber distribution box type SCHREMS IP54 255x400x300
  - Entry: 2m cable H07RN-F 5G6mm<sup>2</sup> with plug 32A 5p 400V
  - Outlet: 1x CEE-socket 32A 5p 400V fused by pre-fuse in entry  
1x CEE-socket 16A 5p 400V fused with 1x MCB 16A 3p C  
3x safety socket 16A 250V IP54 fused with 3x MCB 16A 1p C
  - Protection: 1x RCD 63A/4/0.03A (TYP A 40AT) over all outlets  
1x NM5p safety control 5-phase system PCE-control unit to monitor the 5-pole power supply entry side  
2x power contactor 15kW AC3 to switch off the outlets  
1x MCB 10A 3p B for control fuse



9504400

Schematic wiring:



# CEE diagnostic plug with LED display



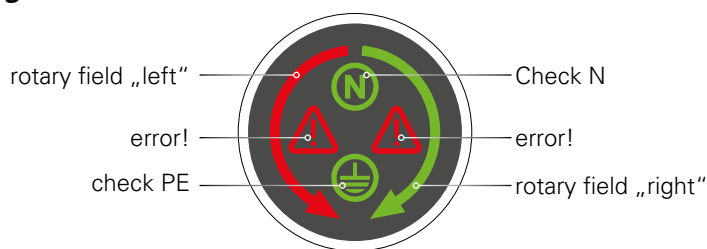
## CEE diagnostic plug\* with LED display

- 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

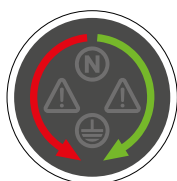
IP20

Version:	Cat.No.
16A CEE plug with LED display (16A 5p 6h 400V)	<b>9434152</b>
32A CEE plug with LED display (32A 5p 6h 400V)	<b>9434252</b>

### 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.

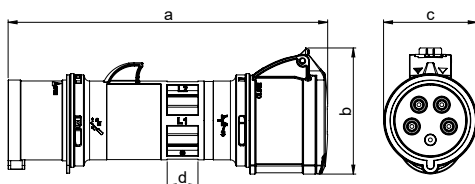
**Technical data:**

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	<b>9437420</b>
CEE-phase inverter 16A 5p 400V	–	CEE-socket 32A 5p 400V	<b>9437430</b>



## Reducing adaptor thermoplastic

IP44 splashproof

Entry	Protection	Outlet	Cat.No.
CEE-plug 32A 5p 400V 	MCB 16A 3p-C	CEE-socket 16A 5p 400V	<b>9436422</b>
CEE-phase inverter 32A 5p 400V 	MCB 16A 3p-C	CEE-socket 16A 5p 400V	<b>9436432</b>
CEE-plug 32A 5p 400V	MCB 16A 1p-C	safety socket 16A 250V	<b>9439633</b>

 ... available on stock!



## Reducing adaptor solid rubber, series ST. ANTON

Entry	Protection	Outlet	Cat.No.
1,5m cable 3G6 with CEE-plug 32A 3p 230V	2x RCBO 16A 1p+N 30mA CTYP A	2x safety socket 16A 250V <b>IP54</b>	<b>9439066</b>

## Reducing adaptor solid rubber, series TRAUNSEE

with carrying handle, IP44 splashproof



9216197

Entry	Protection	Outlet	Cat.No.
2m cable 5G6 with CEE-plug 32A 5p 400V	MCB 16A 3p-C RCD 40/4/0,03A	CEE-socket 16A 5p 400V	<b>9216197</b>
2m cable 5G10 with CEE-plug 63A 5p 400V	MCB 16A 3p-C RCD 40/4/0,03A	CEE-socket 16A 5p 400V	<b>9216631</b>
2m cable 5G10 with CEE-plug 63A 5p 400V	MCB 32A 3p-C RCD-therm 40/4/0,03A	CEE-socket 32A 5p 400V	<b>9216645</b>

## 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	<b>9226961</b>

## CEE adaptor cable

IP44 splashproof



980901506204-p

Entry	Outlet	Cat.No.
1m H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	CEE-connector 32A 5p 400V	<b>9809051-p</b>
1m H07RN-F 5G6 with CEE-plug 32A 5p 400V	CEE-connector 63A 5p 400V	<b>980901506204-p</b>

Special designs- available on request!

# Plug with switch, motor protection plug

## CEE-plug surface mounting

### + UVR – via contactor

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

201620



IP44 splashproof

## Housing

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

352531



## Iso-box with motor protection

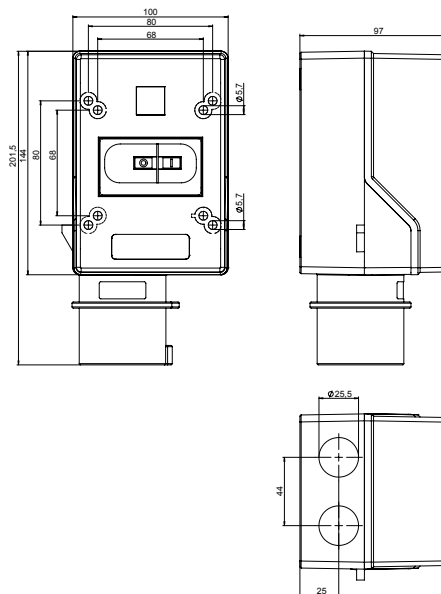
- with padlock barricade
- with undervoltage release (UVR) 400V 50Hz

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
<b>Setting range</b>	<b>Cat.No.</b>	<b>Cat.No.</b>
2,5 – 4,0A	<b>210316</b>	<b>210336</b>
4,0 – 6,3A	<b>210317</b>	<b>210337</b>
6,3 – 10,0A	<b>210318</b>	<b>210338</b>
10,0 – 16,0A	<b>210319</b>	<b>210339</b>



## 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





MADE IN AUSTRIA





## MOTOR PROTECTION PLUGS CEE PLUGS WITH SWITCH



Results without motor protection plugs:

### Do you know the problem of...

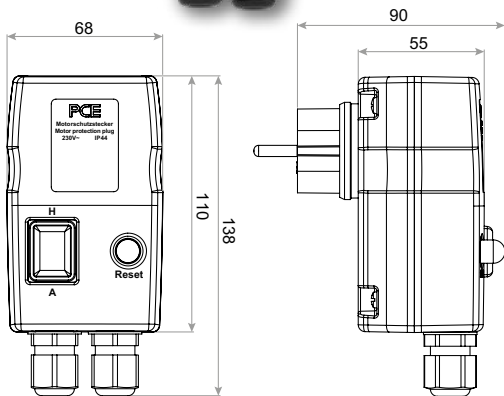
- ...a destroyed engine?
- ...a defective arrangement?
- ...a burnt through winding by overloading?
- ...mechanical damage on account of wrong rotation direction?
- ...secondary damage such as flooding?

### 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

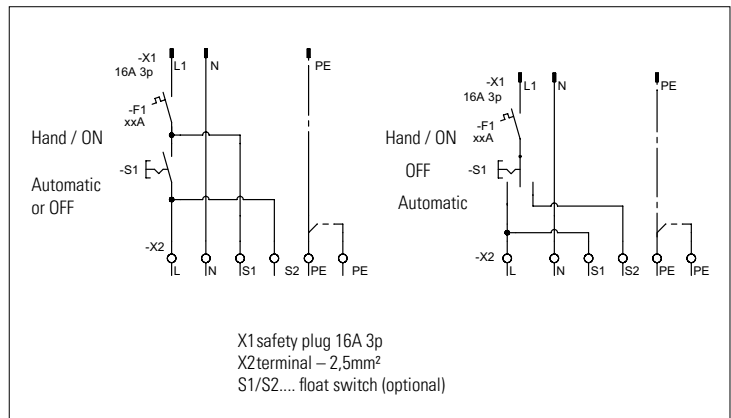
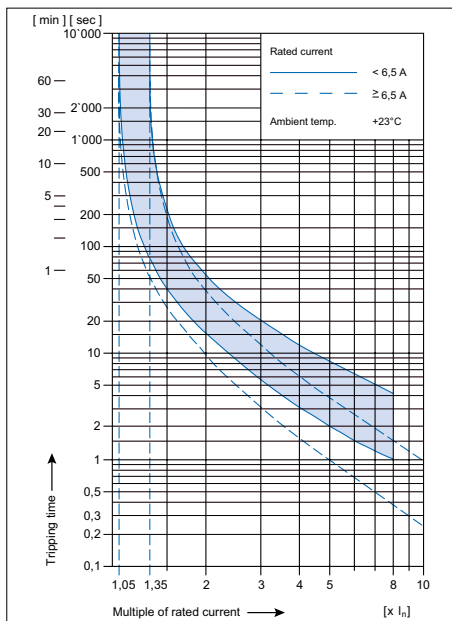
### Technical data:

- 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.



## Motor protection plug 16A 230V

- Hand-operation-Automatic or ON-OFF or
- Hand operation-OFF – Automatic
- cable gland: 2xM16 (5-10mm)

**IP44** splashproof

**setting range**

- 3,0A**
- 4,0A**
- 5,0A**
- 6,5A**
- 8,0A**

230V~ 50/60Hz	
HAND-AUTOMATIC or ON-OFF	HAND-OFF-AUTOMATIC
<b>56103000</b>	<b>56103001</b>
<b>56104000</b>	<b>56104001</b>
<b>56105000</b>	
<b>56106000</b>	
<b>56108000</b>	

\* Float switch see page 225

## Motor protection plugs 16A 230V 10 - 16A

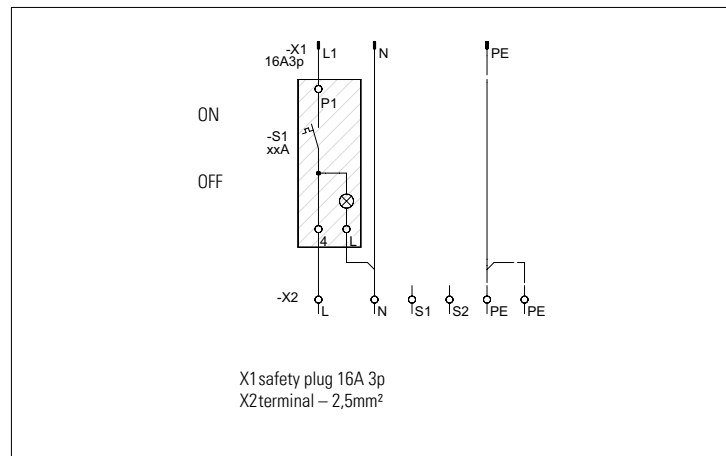
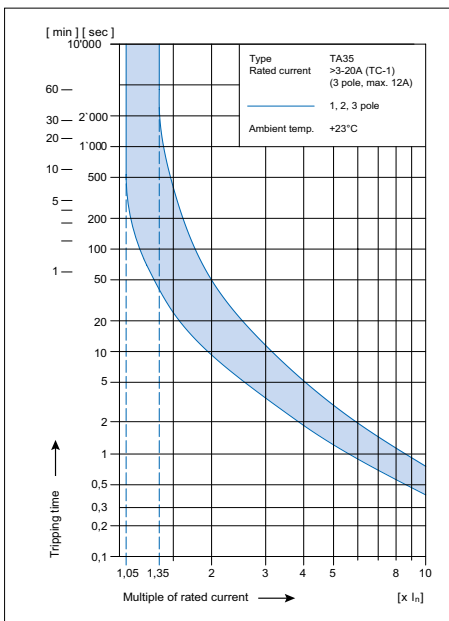
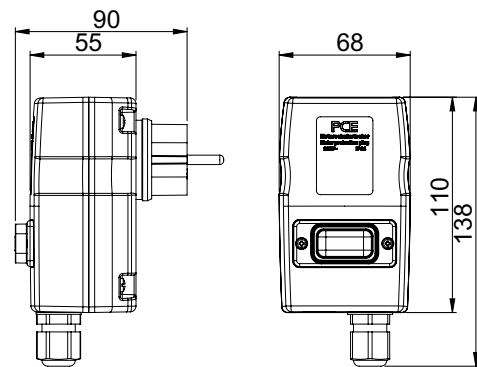
### Motor protection with safety plug 16A 230V for all single-phase motors

#### Technical data:

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

#### Designs:

- with rocker switch ON/OFF which lights green when switched on
- change between continuous duty, Off and Automatic for the use of a float switch\*
- currents: 10A, 12A, 14A, 15A, 16A
- cable entry:
  - 10-16A: 1xM16 cable glands (ø 5-10mm)
  - 1x marking for break through enlargement up to ø 16mm



### Motor protection plug 16A 230V

- ON-OFF
- cable gland: M16 (5-10mm)

**IP44** splashproof

#### setting range

10A  
12A  
14A  
15A  
16A

230V~ 50/60Hz

ON-OFF

56110004

56112004

56114004

56115004

56116004



# Motor protection plug with capacitor

## OFF/ON



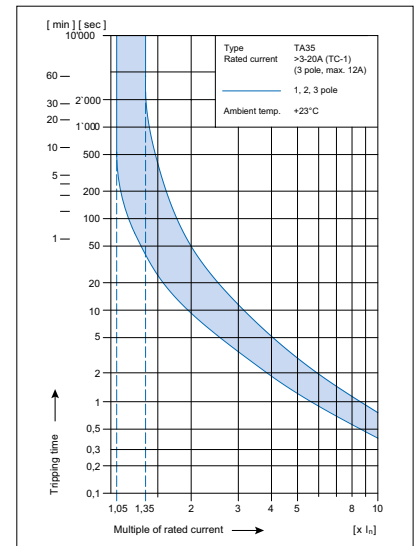
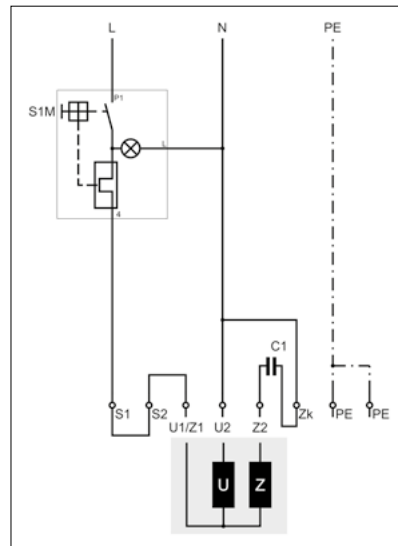
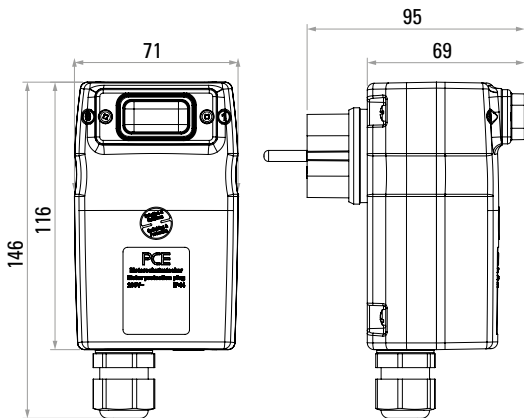
## Motor protection plug with capacitor 16A 230V for all single-phase motors

### Technical data:

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

### Designs:

- with rocker switch **ON/OFF (0-1)**
- switch illuminated
- plug with dual earthing system
- currents: 4A / 6A / 8A / 10A
- integrated capacitor: 20µF / 25µF / 30µF
- cable entry: M20



switch S1M (0/1)	0	1
appliance: e.g. pump	0	1

S1M    0 = OFF    1 = ON    illumination (green) = power supply existing

## Motor protection plug with integrated capacitor

- OFF/ON
- cable gland: M20

**IP44** splashproof

**Amp.**

- 4,0A
- 6,0A
- 8,0A
- 10,0A

230V~ 50/60Hz	
C = 20 µF	C = 30 µF
<b>561040C2001</b>	<b>561040C3001</b>
<b>561060C2001</b>	<b>561060C3001</b>
<b>561080C2001</b>	<b>561080C3001</b>
<b>561100C2001</b>	<b>561100C3001</b>

Other versions on request!

## Motor protection plug with capacitor

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

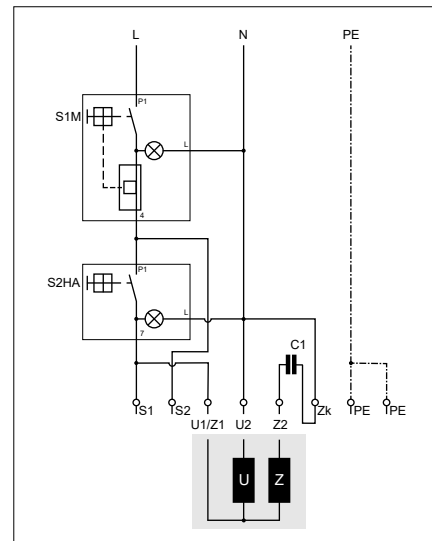
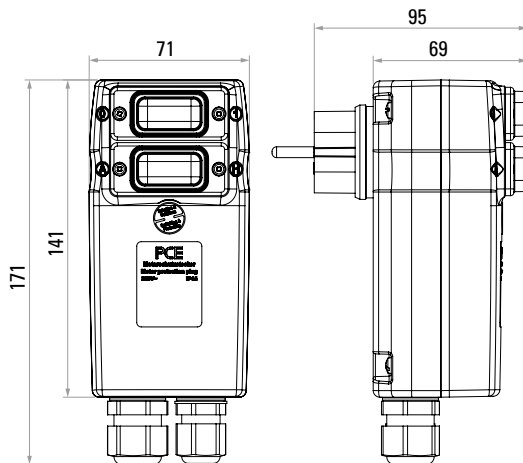
#### Technical data:

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

#### Designs:

- with rocker switch **ON/OFF** (0-1) and **HAND/AUTOMATIC** (H/A)
- switch illuminated
- plug with dual earthing system
- currents: 4A / 6A / 8A / 10A
- integrated capacitor: 20µF / 25µF / 30µF
- cable entry: M20 / M16

#### OFF/ON – HAND/AUTOMATIC



switch: S1M (0/1)	0	0	0	0	1	1	1	1
switch: S2HA (H/A)	A	A	H	H	A	A	H	H
external circuit element(0/1) e.g. float switch	0	1	0	1	1	0	1	0
appliance: e.g. pump	0	0	0	0	1	0	1	1

S1M	0 = OFF	1 = ON	illumination (green) = power supply existing
S2HA	H = HAND	A = AUTOMATIC	illumination (yellow) = appliance in operating state

### Motor protection plug with integrated capacitor

- OFF/ON and HAND/AUTOMATIC
- cable gland: M20 and M16

**IP44** splashproof

**Amp.**

**4,0A**

**6,0A**

**8,0A**

**10,0A**

**230V~ 50/60Hz**

**C = 20 µF**

**C = 30 µF**

**561040C2003**

**561040C3003**

**561060C2003**

**561060C3003**

**561080C2003**

**561080C3003**

**561100C2003**


**561100C3003**

\* Float switch see page 225

# CEE plugs with switch

## CEE-ON/OFF-Switch ML0-Plug



- ON/OFF switch: AC22A, 10kA 
- Cable gland: 16A: 4p M25, 5p M25  
32A: 4p M25, 5p M32
- 400V~ 50/60Hz 4p+5p=6h


**IP44** splashproof

without operating display  
with operating display  
with holder

16A		32A	
4p	5p	4p	5p
<b>54014530</b>	<b>54015530</b>	<b>54024530</b>	<b>54025530</b>
<b>540145301</b>	<b>540155301</b>	<b>540245301</b>	<b>540255301</b>
<b>53xxxxxx</b>	<b>53xxxxxx</b>	<b>53xxxxxx</b>	<b>53xxxxxx</b>

## CEE-ON/OFF-Switch ML0-plug with phase inverter



- ON/OFF switch: AC22A, 10kA 
- Cable gland: 16A: 4p M25, 5p M25  
32A: 4p M25, 5p M32
- 400V~ 50/60Hz 4p+5p=6h

**IP44** splashproof


without display  
with operating display  
with rotary field check  
with holder



16A		32A	
4p	5p	4p	5p
<b>54714530</b>	<b>54715530</b>	<b>54724530</b>	<b>54725530</b>
<b>547145301</b>	<b>547155301</b>	<b>547245301</b>	<b>547255301</b>
<b>547145303</b>	<b>547155303</b>	<b>547245303</b>	<b>547255303</b>
<b>53xxxxxx</b>	<b>53xxxxxx</b>	<b>53xxxxxx</b>	<b>53xxxxxx</b>

## CEE-Reversing switch CA10 (CA25) - plug



- AC22A 
- Reversing switch: 16A CA10, 32A CA25
- Cable gland: 16A: 4p M25, 5p M25  
32A: 4p M25, 5p M32
- 400V~ 50/60Hz 4p+5p=6h

**IP44** splashproof

without operating display  
with operating display  
with holder

16A		32A	
4p	5p	4p	5p
<b>54014610</b>	<b>54015610</b>	<b>54024625</b>	<b>54025625</b>
<b>540146101</b>	<b>540156101</b>	<b>540246251</b>	<b>540256251</b>
<b>53xxxxxx</b>	<b>53xxxxxx</b>	<b>53xxxxxx</b>	<b>53xxxxxx</b>

Other versions on request !

# CEE-motor protection plugs



## ■ ■ Technical data:

- housing material: PC/ABS
- protection degree IP44
- IK standard acc. EN50102: IK09
- all designs available with or without holder
- large connection area

## ■ ■ Advantages:

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

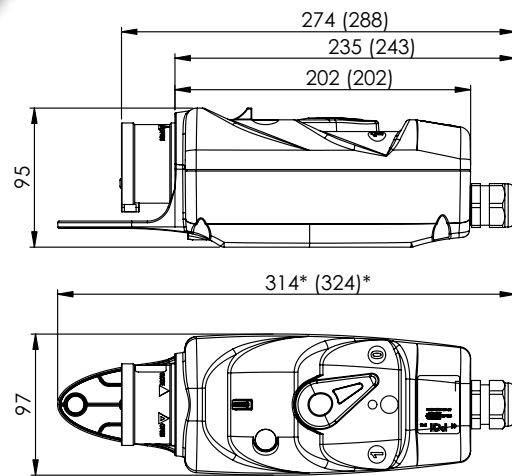
## ■ ■ Rotating field check:

Displays a field rotating in anti-clockwise direction.

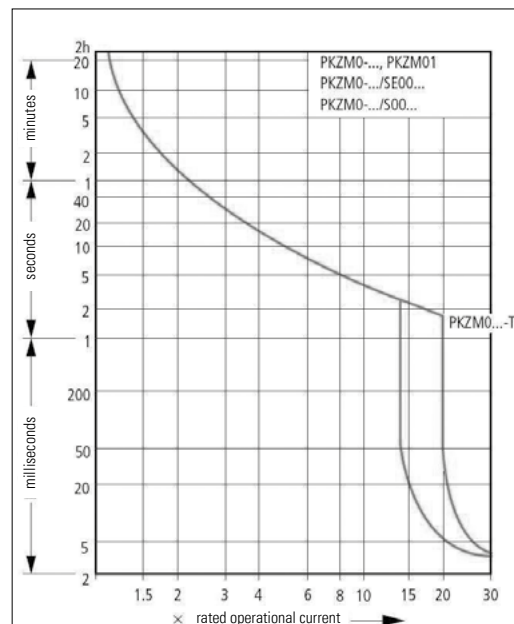
## ■ ■ Operating display:

Indicates the voltage supply of two phases of the connector.

- ■ **Main field of application: Switching and protection of AC 3-phase motors with outputs of up to 15kW such as industrial motors and those fitted to pumps and circular cold saws etc.**



- dimensions: 16A (32A)
- \* dimensions only valid for design with holder



# CEE-motor protection plugs PKZM0 with rotary lever

## CEE-Motor protection plug PKZM0



- cable gland: 16A 4p and 5p M25  
32A 4p M25, 32A 5p M32
- 400V~ 50/60Hz 4p+5p=6h
- 500V version on request

**IP44** splashproof

setting range	16A / 400V / 6h		32A / 400V / 6h	
	4p	5p	4p	5p
1,0- 1,6A	54014016	54015016	54024016	54025016
1,6- 2,5A	54014025	54015025	54024025	54025025
2,5- 4,0A	54014040	54015040	54024040	54025040
4,0- 6,3A	54014063	54015063	54024063	54025063
6,3- 10A	54014100	54015100	54024100	54025100
10- 16A	54014160	54015160	54024160	54025160
16- 20A			54024200	54025200
20- 25A			54024250	54025250
25- 32A			54024320	54025320
with holder	53xxxxxx	53xxxxxx	53xxxxxx	53xxxxxx

## CEE-Motor protection plug PKZM0 with operating display



- with operating display
- cable gland: 16A 4p and 5p M25  
32A 4p M25, 32A 5p M32
- 400V~ 50/60Hz 4p+5p=6h
- 500V version on request

**IP44** splashproof

setting range	16A / 400V / 6h		32A / 400V / 6h	
	4p	5p	4p	5p
1,0- 1,6A	540140161	540150161	540240161	540250161
1,6- 2,5A	540140251	540150251	540240251	540250251
2,5- 4,0A	540140401	540150401	540240401	540250401
4,0- 6,3A	540140631	540150631	540240631	540250631
6,3- 10A	540141001	540151001	540241001	540251001
10- 16A	540141601	540151601	540241601	540251601
16- 20A			540242001	540252001
20- 25A			540242501	540252501
25- 32A			540243201	540253201
with holder	53xxxxxx	53xxxxxx	53xxxxxx	53xxxxxx

## CEE-Motor protection plug PKZM0 with phase inverter and rotation field check



- with phase inverter and rotation field check
- cable gland: 16A 4p and 5p M25  
32A 4p M25, 32A 5p M32
- 400V~ 50/60Hz 4p+5p=6h
- 500V version on request

**IP44** splashproof

setting range	16A / 400V / 6h		32A / 400V / 6h	
	4p	5p	4p	5p
1,0- 1,6A	547140163	547150163	547240163	547250163
1,6- 2,5A	547140253	547150253	547240253	547250253
2,5- 4,0A	547140403	547150403	547240403	547250403
4,0- 6,3A	547140633	547150633	547240633	547250633
6,3- 10A	547141003	547151003	547241003	547251003
10- 16A	547141603	547151603	547241603	547251603
16- 20A			547242003	547252003
20- 25A			547242503	547252503
25- 32A			547243203	547253203
with holder	53xxxxxx	53xxxxxx	53xxxxxx	53xxxxxx

Other versions on request!

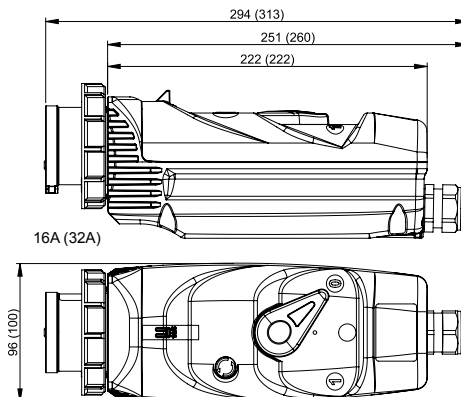


# CEE-motor protection plugs PKZM0 (IP67) with rotary lever

## 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	<b>587150163</b>	<b>587250163</b>
1,6- 2,5A	<b>587150253</b>	<b>587250253</b>
2,5- 4,0A	<b>587150403</b>	<b>587250403</b>
4,0- 6,3A	<b>587150633</b>	<b>587250633</b>
6,3- 10A	<b>587151003</b>	<b>587251003</b>
10- 16A	<b>587151603</b>	<b>587251603</b>
16- 20A		<b>587252003</b>
20- 25A		<b>587252503</b>
25- 32A		<b>587253203</b>



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



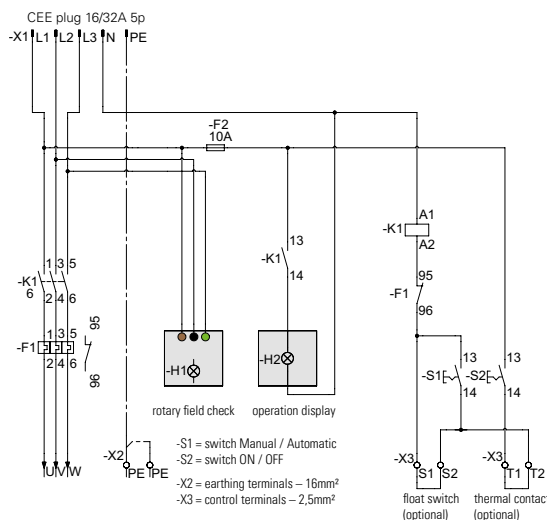
## CEE-Motor protection plug contactor up to 5,5kW (16A) and 7,5kW (32A)

### Technical data:

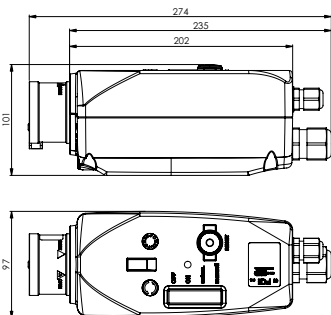
- enclosure material: PC/ABS
- protection degree: IP44
- IK standard acc. to EN50102: IK09
- temperature range: -25° C to +40°C
- large connection area

### 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...



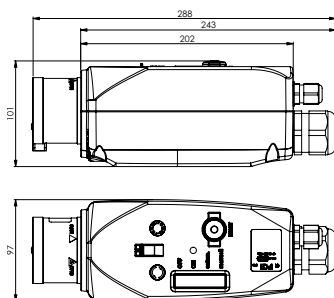
### CEE-Motor protection plug with contactor 16A 5p 400V

- 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 225

# CEE-motor protection plugs contactor up to 15 kW

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

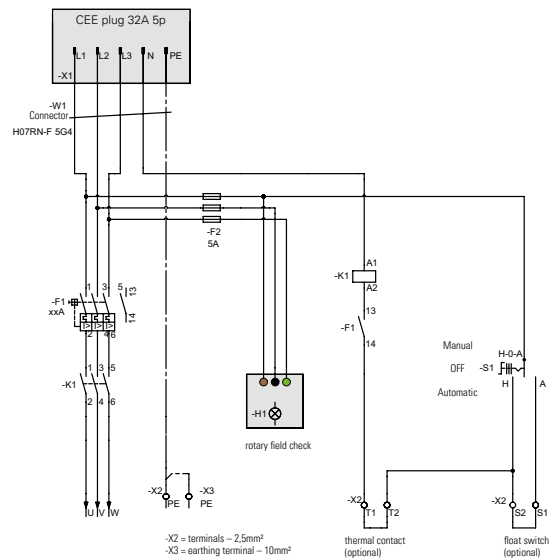
### Technical data:

- enclosure material: solid rubber
- protection degree: IP44 (IP66 on request)
- dimensions: HxVxD = 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 4G1mm<sup>2</sup> black (10m or 20m)



with 10m cable  
with 20m cable  
counterweight

1023011
1023012
1023031



PCE












MADE IN AUSTRIA



# EVENT TECHNOLOGY

## MIDNIGHT-SERIES

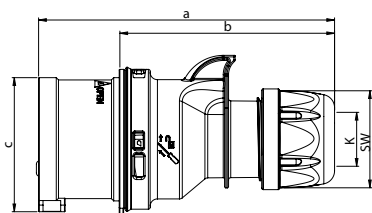
		Page
	<b>Plugs</b>	<b>228</b>
	<b>Flanged plugs</b>	<b>228</b>
	<b>Connectors</b>	<b>230</b>
	<b>Flanged sockets</b>	<b>230</b>
	<b>Socket outlet (DIN 49440)</b>	<b>234</b>
	<b>T-Connect</b>	<b>238</b>
	<b>H-Connect</b>	<b>239</b>
	<b>Distribution boxes</b>	<b>240</b>
	<b>Hinged windows</b>	<b>241</b>

■ Version in black (similar to RAL9005)



# Event technology MIDNIGHT-SERIES

## Plug IP44 SHARK



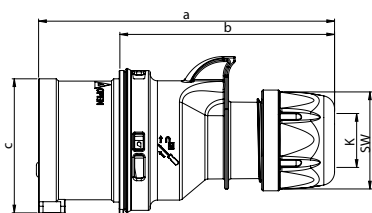
	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	122	128	134	150	150	155
<b>b [mm]</b>	86	92	98	104	104	109
<b>c [mm]</b>	47	53	61	63	63	70
<b>K_cable Ø [mm]</b>	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Contact screws [Ncm]</b>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

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

**IP44** splashproof

also available in IP67

## Plug IP44 SHARK TT



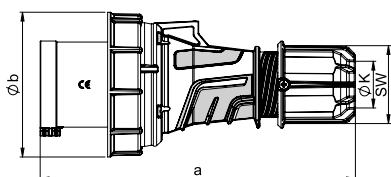
	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	122	128	134	150	150	155
<b>b [mm]</b>	86	92	98	104	104	109
<b>c [mm]</b>	47	53	61	63	63	70
<b>K_cable Ø [mm]</b>	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>SW [mm]</b>	42	42	42	50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

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

**IP44** splashproof

also available in IP67

## Plug IP67 POWER TWIST

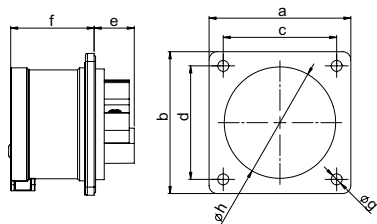


	63 Amp			125 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	250	250	250	270	270	270
<b>b [mm]</b>	115	115	115	131	131	131
<b>c [mm]</b>	47	53	61	63	63	70
<b>K_cable Ø [mm]</b>	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16			16-50		
<b>Contact screws [Ncm]</b>	200			450		
<b>SW [mm]</b>	61	61	61	81	81	81
<b>Weight [g]</b>	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

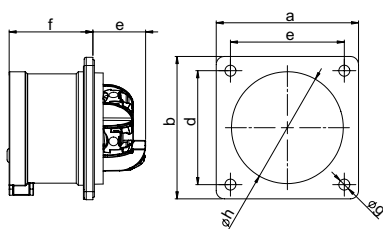


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	70	70	70	70	70	70
<b>Fixing center c x d [mm]</b>	56	56	56	56	56	56
<b>e [mm]</b>	21	21	20	21	21	21
<b>f [mm]</b>	42	42	42	51	51	51
<b>g [mm]</b>	5,5	5,5	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	43	55	55	55	55
<b>Wire flexible [mm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

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

**IP44** splashproof

## Flanged plug straight IP44 TT



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

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

**IP44** splashproof

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

Amp.	Poles	pack. unit
16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

<b>013-6x</b>	<b>014-6x</b> <b>015-6x</b>
<b>023-6x</b>	<b>024-6x</b> <b>025-6x</b>



023-6x

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

<b>013-6TTx</b>	<b>014-6TTx</b> <b>015-6TTx</b>
<b>023-6TTx</b>	<b>024-6TTx</b> <b>025-6TTx</b>



015-6TTx

63	3	2
63	4	2
63	5	2
125	3	2
125	4	2
125	5	2

<b>033-6xs</b>	<b>034-6xs</b> <b>035-6xs</b>
<b>043-6xs</b>	<b>044-6xs</b> <b>045-6xs</b>



035-6xs

**with flange 70 x 70 - fixing center 56 x 56**

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

<b>613-6x</b>	<b>614-6x</b> <b>615-6x</b>
<b>623-6x</b>	<b>624-6x</b> <b>625-6x</b>



625-6x

**with flange 70 x 70 - fixing center 56 x 56**

16	3	10
16	5	10
32	4	10
32	5	10

<b>613-6TTx</b>	<b>615-6TTx</b>
<b>624-6TTx</b> <b>625-6TTx</b>	



625-6TTx

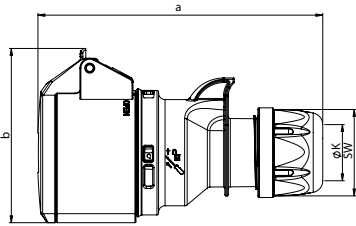
Minimum order quantity: 50 pcs.



# Event technology MIDNIGHT-SERIES

## Connector IP44

### SHARK



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

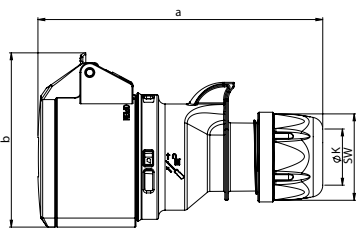
- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 215-6xv

**IP44** splashproof

also available in IP67

## Connector IP44

### SHARK TT



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

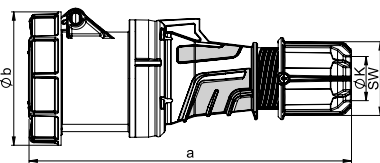
- screwless connection technology
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 215-6TTxv

**IP44** splashproof

also available in IP67

## Connector IP66/67

### POWER TWIST



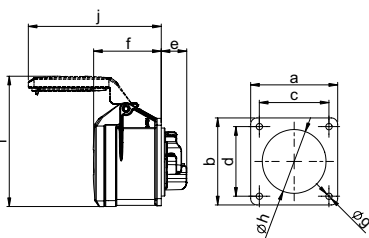
	63 Amp			125 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a</b> [mm]	269	269	269	287	287	287
<b>b</b> [mm]	114	114	114	124	124	124
<b>K cable Ø</b> [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
<b>Wire flexible</b> [mm <sup>2</sup> ]	6-16			16-50		
<b>Contact screws</b> [Ncm]	200			450		
<b>SW</b> [mm]	61	61	61	81	81	81
<b>Weight</b> [g]	673	714	772	1060	1167	1266

- Contact frame with screws for 125A with hexagon socket screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact please add a „5“ e.g. 2335-6xs (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 2336-6xs (see page 8)

**IP66/67** watertight

## Flanged socket straight IP44

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



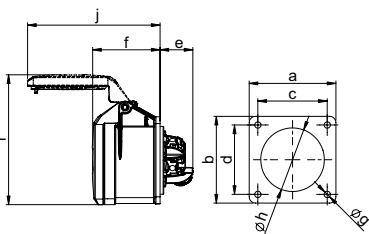
- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 315-6xv

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

also available in IP67

## Flanged socket straight IP44

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



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

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

also available in IP67



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

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

213-6x	214-6x 215-6x		
		223-6x	224-6x 225-6x



223-6x

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

213-6TTx	214-6TTx 215-6TTx		
		223-6TTx	224-6TTx 225-6TTx



215-6TTx

63	3	2
63	4	2
63	5	2
125	3	2
125	4	2
125	5	2

233-6xs	234-6xs 235-6xs		
		243-6xs	244-6xs 245-6xs



235-6xs

with flange 70 x 70 - fixing center 56 x 56

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

313-6x	314-6x 315-6x		
		323-6x	324-6x 325-6x



315-6x

with flange 70 x 70 - fixing center 56 x 56

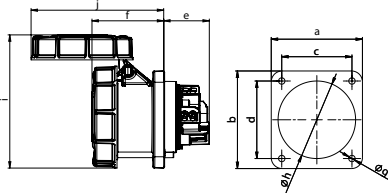
16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

313-6TTx	314-6TTx 315-6TTx		
		323-6TTx	324-6TTx 325-6TTx



313-6TTx

# Event technology MIDNIGHT-SERIES



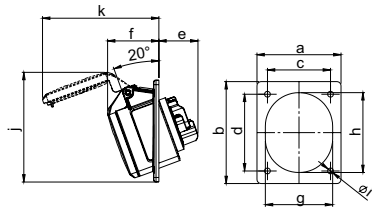
## Flanged socket straight 66/67

### POWER TWIST

	63 Amp			125 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	100	100	100	120	120	120
<b>Fixing center c x d [mm]</b>	80	80	80	100	100	100
<b>e [mm]</b>	50	50	50	48	48	48
<b>f [mm]</b>	80	80	80	101	101	101
<b>g [mm]</b>	7	7	7	8	8	8
<b>h [mm]</b>	85	85	85	90	90	90
<b>i [mm]</b>	147	147	147	159	159	159
<b>j [mm]</b>	146	146	146	179	179	179
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16			16-50		
<b>Wire solid [mm<sup>2</sup>]</b>	6-25			16-70		
<b>Contact screws [Ncm]</b>	200			450		
<b>Weight [g]</b>	488	533	587	752	890	986

- Contact frame with screws (63A) for 125A with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact please add a „5“ e.g. 3335-6xs (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 3336-6xs (see page 8)

**IP66/67** watertight



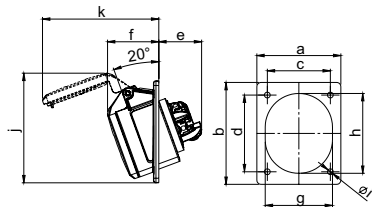
## Flanged socket sloping IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a [mm]</b>	80	80	80	80	80	80
<b>Flange b [mm]</b>	97	97	97	97	97	97
<b>Fixing center c [mm]</b>	60	60	60	60	60	60
<b>Fixing center d [mm]</b>	73	73	73	73	73	73
<b>e [mm]</b>	38	38	38	48	48	48
<b>f [mm]</b>	47	47	49	54	54	55
<b>g [mm]</b>	51	56	65	65	65	70
<b>h [mm]</b>	61	67	76	75	75	84
<b>i [mm]</b>	5,5	5,5	5,5	5,5	5,5	5,5
<b>j [mm]</b>	97	103	105	105	105	99
<b>k [mm]</b>	99	104	111	119	119	130
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10		
<b>Contact screws [Ncm]</b>	100			110		
<b>Weight [g]</b>	116	132	154	166	182	214

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

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

also available in IP67



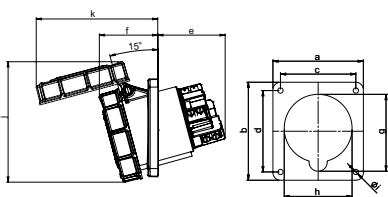
## Flanged socket sloping IP44 TT

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a [mm]</b>	80	80	80	80	80	80
<b>Flange b [mm]</b>	97	97	97	97	97	97
<b>Fixing center c [mm]</b>	60	60	60	60	60	60
<b>Fixing center d [mm]</b>	73	73	73	73	73	73
<b>e [mm]</b>	41	41	41	48	48	48
<b>f [mm]</b>	47	47	49	54	54	55
<b>g [mm]</b>	51	56	65	65	65	70
<b>h [mm]</b>	61	67	76	75	75	84
<b>i [mm]</b>	5,5	5,5	5,5	5,5	5,5	5,5
<b>j [mm]</b>	97	103	105	105	105	99
<b>k [mm]</b>	99	104	111	119	119	130
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10		
<b>Weight [g]</b>	119	133	158	165	182	215

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

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

also available in IP67



## Flanged socket sloping IP67

### POWER TWIST

	63 Amp			125 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a [mm]</b>	100	100	100	120	120	120
<b>Flange b [mm]</b>	112	112	112	130	130	130
<b>Fixing center c [mm]</b>	80	80	80	100	100	100
<b>Fixing center d [mm]</b>	88	88	88	108	108	108
<b>e [mm]</b>	64	64	64	92	92	92
<b>f [mm]</b>	80	80	80	77	77	77
<b>g [mm]</b>	92	92	92	102	102	102
<b>h [mm]</b>	82	82	82	90	90	90
<b>i [mm]</b>	7	7	7	7	7	7
<b>j [mm]</b>	148	148	148	160	160	160
<b>k [mm]</b>	154	154	154	162	162	162
<b>l [mm]</b>	154	154	154	162	162	162
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16			16-50		
<b>Wire solid [mm<sup>2</sup>]</b>	6-25			16-70		
<b>Contact screws [Ncm]</b>	200			450		
<b>Weight [g]</b>	495	540	595	804	896	995

- Contact frame with screws (63A) for 125A with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact please add a „5“ e.g. 4335-6xs (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 4336-6xs (see page 8)

**IP67** watertight

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

Amp.	Poles	pack. unit
<b>with flange 100 x 100 - fixing center 80 x 80</b>		
63	3	2
63	4	2
63	5	2
<b>with flange 120 x 120 - fixing center 100 x 100</b>		
125	3	2
125	4	2
125	5	2

333-6xs	
334-6xs	
335-6xs	
343-6xs	
344-6xs	
345-6xs	



335-6xs

<b>with flange 80 x 97 - fixing center 60 x 73</b>		
16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

413-6f8x	
414-6f8x	
415-6x	
423-6x	
424-6x	
425-6x	



415-6x

<b>with flange 80 x 97 - fixing center 60 x 73</b>		
16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

413-6TTf8x	
414-6TTf8x	
415-6TTx	
423-6TTx	
424-6TTx	
425-6TTx	

**TURBO** click  
**TERMINAL**



415-6TTx

<b>with flange 100 x 112 - fixing center 80 x 88</b>		
63	3	2
63	4	2
63	5	2
<b>with flange 120 x 130 - fixing center 100 x 108</b>		
125	3	2
125	4	2
125	5	2

433-6xs	
434-6xs	
435-6xs	
443-6xs	
444-6xs	
445-6xs	

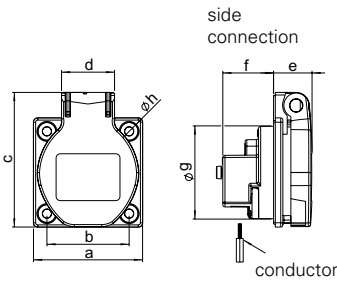


435-6xs



# Event technology MIDNIGHT-SERIES

## Socket outlet safety Austrian/German system

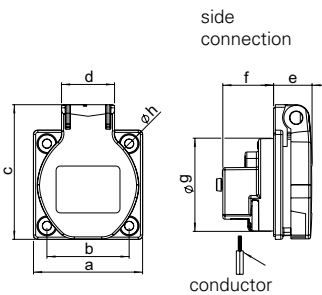


	• STANDARD •	
	16 Amp	
<b>Poles</b>	2P + E	
<b>Flange a</b> [mm]	50	
<b>Fixing center b</b> [mm]	38	
<b>c</b> [mm]	62	
<b>d</b> [mm]	25	
<b>e</b> [mm]	18	
<b>f</b> [mm]	24	
<b>g</b> [mm]	43	
<b>h</b> [mm]	4,2	
<b>Wire flexible</b> [mm <sup>2</sup> ]	1 - 2x2,5	
<b>Wire solid</b> [mm <sup>2</sup> ]	1 - 2x2,5	
<b>Contact screws</b> [Ncm]	80	
<b>Weight</b> [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	
<b>Poles</b>	2P + E	
<b>Flange a</b> [mm]	50	
<b>Fixing center b</b> [mm]	38	
<b>c</b> [mm]	62	
<b>d</b> [mm]	25	
<b>e</b> [mm]	22	
<b>f</b> [mm]	24	
<b>g</b> [mm]	43	
<b>h</b> [mm]	4,2	
<b>Wire flexible</b> [mm <sup>2</sup> ]	1 - 2x2,5	
<b>Wire solid</b> [mm <sup>2</sup> ]	1 - 2x2,5	
<b>Contact screws</b> [Ncm]	80	
<b>Weight</b> [g]	45	

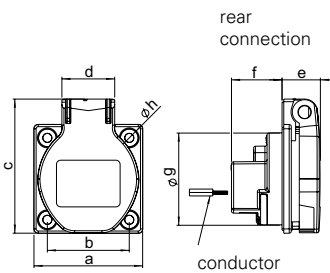
- with sealing bulge
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

**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

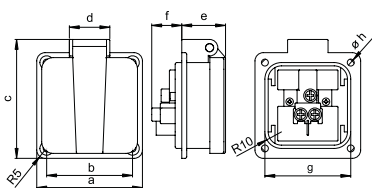


	• STANDARD •	
	16 Amp	
<b>Poles</b>	2P + E	
<b>Flange a</b> [mm]	50	
<b>Fixing center b</b> [mm]	38	
<b>c</b> [mm]	62	
<b>d</b> [mm]	25	
<b>e</b> [mm]	18	
<b>f</b> [mm]	24	
<b>g</b> [mm]	43	
<b>h</b> [mm]	4,2	
<b>Wire flexible</b> [mm <sup>2</sup> ]	1 - 2x2,5	
<b>Wire solid</b> [mm <sup>2</sup> ]	1 - 2x2,5	
<b>Contact screws</b> [Ncm]	80	
<b>Weight</b> [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
<b>Poles</b>	2P + E	2P + E
<b>Flange a</b> [mm]	64	50
<b>Fixing center b</b> [mm]	52	38
<b>c</b> [mm]	72	54
<b>d</b> [mm]	25	25
<b>e</b> [mm]	26,5	18
<b>f</b> [mm]	18	22
<b>g</b> [mm]	52	35
<b>h</b> [mm]	4,2	4,5
<b>Weight</b> [g]	67	50

- with screw terminals
- housing material: PA6
- side connection

**IP54** splashproof

250V~

50/60Hz

Amp.	Poles	pack. unit	Abbreviations/Types	Cat.No.
16	3	100	<p><b>P-NOVA PLUS+</b></p> <p>flange: 50x50mm, fixing center: 38x38mm</p>	<b>1050-0ss</b>
16	3	100	<p><b>P-NOVA PLUS+</b></p> <p>flange: 50x50mm, fixing center: 38x38mm</p>	<b>1050-0ssw</b>
16	3	100	<p><b>P-NOVA PLUS+</b></p> <p>flange: 50x50mm, fixing center: 38x38mm <b>without shutter</b></p>	<b>1040-0s</b>
16	3	100	<p><b>P-NOVA PLUS+</b></p> <p>flange: 50x50mm, fixing center: 38x38mm <b>incl. shutter</b></p>	<b>1040-0sc</b>
13	3	100	flange: 64x64mm, fixing center: 52x52mm	<b>1020-0s</b>
13	3	100	flange: 50x50mm, fixing center: 38x38mm	<b>1020-5s</b>



1040-0s

1040-0s



1020-0s

1020-5s



# Event technology MIDNIGHT-SERIES

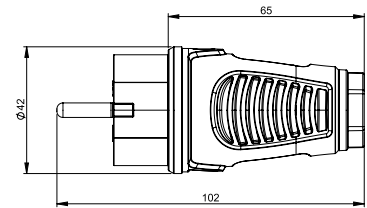
**TAURUS**  
Der Schutzkontaktstecker



## Safety plug Dual earthing system

- solid rubber version (TPE)
- internal strain relief
- contact carrier: TPE

IP54



**0522-ss**

pack.unit: 30

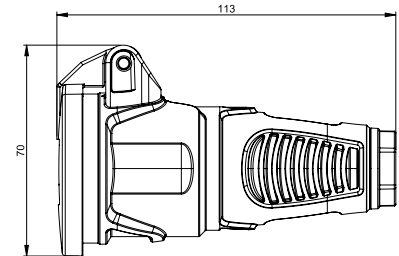
**TAURUS**  
Der Schutzkontaktstecker



## Safety connector with hinged lid Austrian/German system

- solid rubber version (TPE)
- internal strain relief
- contact carrier: TPE

IP54



**2522-ss**

pack.unit: 20

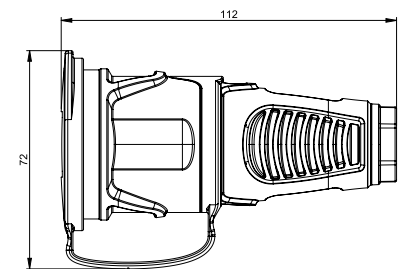
**TAURUS**  
Der Schutzkontaktstecker



## Safety connector with cap Austrian/German system

- solid rubber version (TPE)
- internal strain relief
- contact carrier: TPE

IP54



**2521-ss**

pack.unit: 20

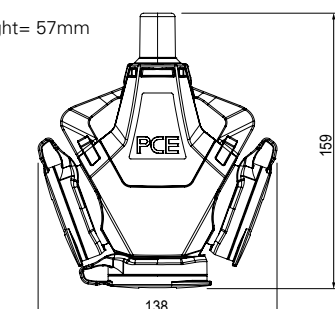


## 3-way connector rubber French/Belgian system

- with cap
- insert: polyamide

IP44 dust- and splashproof

Height= 57mm



**243711-ss**

with shutter **243711-ssc**

pack.unit: 5

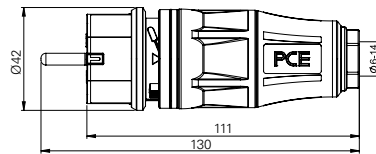
## Safety plug Dual earthing system

- with screwless cable gland
- rubberised surface
- insert: PA6

IP54 

**05721-ss**

pack.unit: 20





**TOPTAURUS<sup>2</sup>**  
Der Schutzkontaktstecker



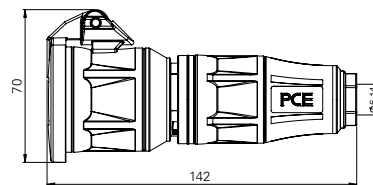
## Safety connector with hinged lid Austrian/German system or French/Belgian system

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

IP54 

		
standard	<b>25712-ss</b>	<b>24712-ss</b>
+ shutter	<b>25712-ssc</b>	<b>24712-ssc</b>
standard + LED	<b>25732-ss</b>	<b>24732-ss</b>
+ LED + shutter	<b>25732-ssc</b>	<b>24732-ssc</b>

pack.unit: 10






**TOPTAURUS<sup>2</sup>**  
Der Schutzkontaktstecker



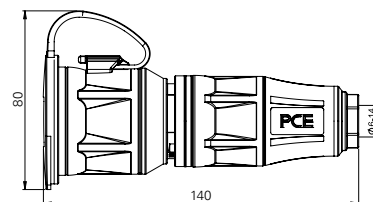
## Safety connector with cap Austrian/German system or French/Belgian system

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

IP54 

		
standard	<b>25711-ss</b>	<b>24711-ss</b>
+ shutter	<b>25711-ssc</b>	<b>24711-ssc</b>
standard + LED	<b>25731-ss</b>	<b>24731-ss</b>
+ LED + shutter	<b>25731-ssc</b>	<b>24731-ssc</b>

pack.unit: 10




**TOPTAURUS<sup>2</sup>**  
Der Schutzkontaktstecker



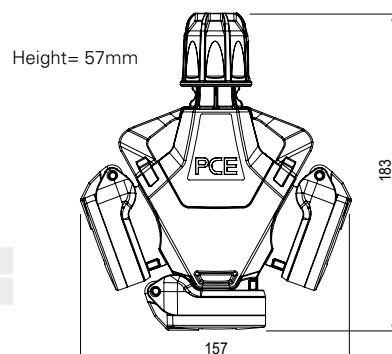
## 3-way connector solid rubber Austrian/German system

- with hinged lid
- insert: rubber
- with screwless cable gland

IP54 dust- and splashproof 

  
**253822-ss**  
**253842-ss**

pack.unit: 5



with LED power indicator 

# Event technology MIDNIGHT-SERIES



## T-Connect

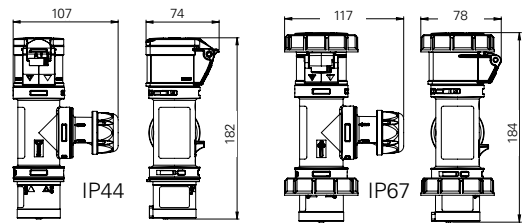
### Equipment:

- 1 CEE-plug 16A 3p 6h
- 1 CEE-socket 16A 3p 6h
- 1 cable exit  
(terminal block max. 3x2,5mm<sup>2</sup>)

- IP44** splashproof
- IP67** watertight

**94325000**  
**94326000**

pack.unit: 10



## T-Connect with cable

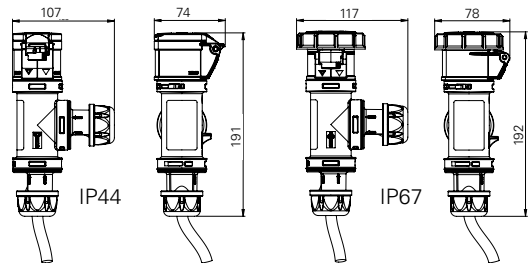
### Equipment:

- 1,5m cable H07RN-F 3G1,5 with CEE-plug 16A 3p 6h
- 1 cable entry  
(terminal block max. 3x2,5mm<sup>2</sup>)
- 1 CEE-socket 16A 3p 6h

- IP44** splashproof
- IP67** watertight

**94325001**  
**94326001**

pack.unit: 10



## T-Connect with cable entry

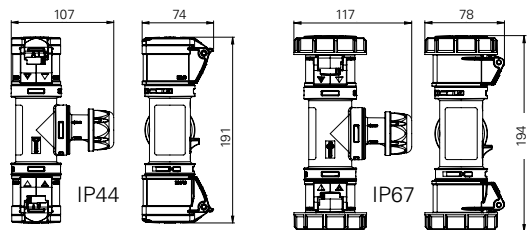
### Equipment:

- 1 cable entry  
(terminal block max. 3x2,5mm<sup>2</sup>)
- 2 CEE-sockets 16A 3p 6h outlet

- IP44** splashproof
- IP67** watertight

**94325002**  
**94326002**

pack.unit: 10



## T-Connect with CEE-plug

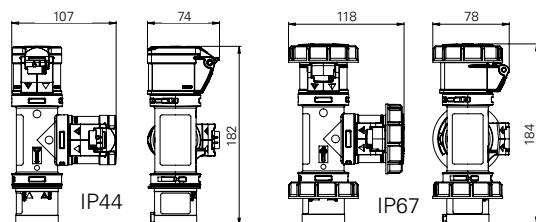
### Equipment:

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

- IP44** splashproof
- IP67** watertight

**94325003**  
**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: 5



optional: velcro tape



# Event technology MIDNIGHT-SERIES

## Compact distribution boxes Series St. Anton



9430052

- Plugs and sockets are black

**IP44** splashproof



9430053



9430054

**Entry:**

1 CEE-plug 16A 5p 400V

**Outlet:**

3 CEE-sockets 16A 5p 400V

1 CEE-socket 16A 5p 400V

2 safety sockets 16A 250V

3 CEE-sockets 16A 3p 230V

**9430052**

**9430053**

**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

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

details see page 333

unit	size	p.unit	Cat.No.
4	92x97mm	30	<b>9006504s</b>
6	128x97mm	20	<b>9006506s</b>
7	139x97mm	15	<b>9006507s</b>
8	164x97mm	15	<b>9006508s</b>
9	182x97mm	15	<b>9006509s</b>
10	200x97mm	10	<b>9006510s</b>
11	218x97mm	10	<b>9006511s</b>
12	236x97mm	10	<b>9006512s</b>
13	253x97mm	10	<b>9006513s</b>
14	272x97mm	10	<b>9006514s</b>
18	344x97mm	10	<b>9006518s</b>



## Hinged windows IP66/67

- especially compact (robust) design, made of shock-resistant polycarbonate
- for distributor's construction, O.E.M's, panel builders etc.
- sprung-loaded window with integrated knurled screws
- size of hinged window suitable for 2, 4, 5, 6, 7, 8, 9, 10, 12, 13, 18 modules
- with integrated gasket for flange mounting
- all metal parts corrosion-resistant
- color frame: black

**IP66/67** watertight

details see page 332

unit	size	p.unit	Cat.No.
2	49x93mm	40	<b>900602s</b>
4	85x93mm	20	<b>900604s</b>
5	103x93mm	20	<b>900605s</b>
6	121x93mm	15	<b>900606s</b>
7	139x93mm	15	<b>900607s</b>
8	157x93mm	15	<b>900608s</b>
9	175x93mm	15	<b>900609s</b>
10	193x93mm	15	<b>900610s</b>
12	229x93mm	10	<b>900612s</b>
13	247x93mm	10	<b>900613s</b>
18	337x93mm	12	<b>900618s</b>







PCE



MADE IN AUSTRIA



# PLUGS AND SOCKETS „CAMOUFLAGE“

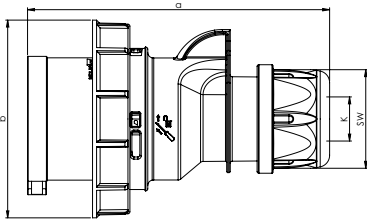
		Page
	<b>Plugs / Connectors 16A - 125A</b>	<b>244</b>
	<b>Flanged plugs / Wall mounted plugs</b>	<b>246</b>
	<b>Flanged sockets straight and sloping</b>	<b>248</b>
	<b>Watertight plugs and connectors IP66/68</b>	<b>250</b>

■ Version in bronze-green (similar to RAL6031)

Vertical sidebar containing various icons: 'i', a plug icon, a socket icon, a padlock icon, a face with a plug icon, a face with a socket icon, a face with a plug and socket icon, a face with a plug and lightning bolt icon, a microphone icon, a calculator icon, a game controller icon, a lightbulb icon, a car icon, and a hash symbol (#).

# CEE Plugs and connectors

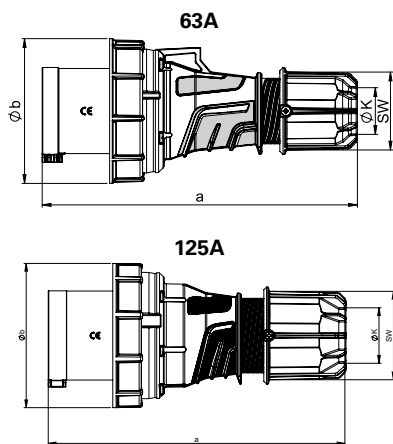
## Plug IP67 **SHARK**



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

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

**IP66/67** watertight

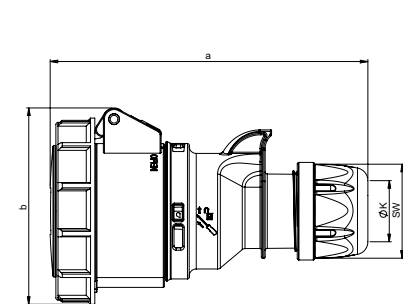


## Plug IP66/67 **POWER TWIST**

	63 Amp			125 Amp		
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	250	250	250	270	270	270
<b>b [mm]</b>	115	115	115	131	131	131
<b>K_cable Ø [mm]</b>	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16			16-50		
<b>Contact screws [Ncm]</b>	200			450		
<b>SW [mm]</b>	61	61	61	81	81	81
<b>Weight [g]</b>	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

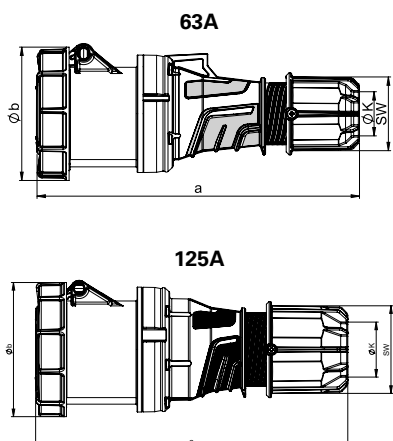


## Connector IP66/67 **SHARK**

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

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

**IP66/67** watertight



## Connector IP66/67 **POWER TWIST**

	63 Amp			125 Amp		
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	269	269	269	287	287	287
<b>b [mm]</b>	114	114	114	124	124	124
<b>K_cable Ø [mm]</b>	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16			16-50		
<b>Contact screws [Ncm]</b>	200			450		
<b>SW [mm]</b>	61	61	61	81	81	81
<b>Weight [g]</b>	673	714	772	1060	1167	1266

- contact frame with screws; 125A with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact add a „5“ e.g. 2435-6.u (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 2436-6.u (see page 8)

**IP66/67** watertight

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

16	3	10
16	5	10
32	3	10
32	5	10

0132-6.u

0152-6.u

0232-6.u

0252-6.u



0152-6.u

63	3	2
63	4	2
63	5	2
125	3	2
125	4	2
125	5	2

033-6.u

034-6.u

035-6.u

043-6.u

044-6.u

045-6.u



035-6.u

16	3	10
16	5	10
32	3	10
32	5	10

2132-6.u

2152-6.u

2232-6.u

2252-6.u



2152-6.u

63	3	2
63	4	2
63	5	2
125	3	2
125	4	2
125	5	2

233-6.u

234-6.u

235-6.u

243-6.u

244-6.u

245-6.u

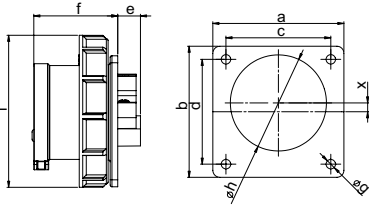


235-6.u



# CEE Flanged plugs / wall mounted plugs

## Flanged plug straight IP67



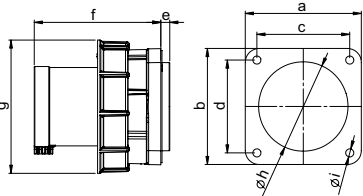
	16 Amp		32 Amp	
	3	5	3	5
<b>Poles</b>	3	5	3	5
<b>Flange a x b [mm]</b>	75	75	75	75
<b>Fixing center c x d [mm]</b>	60	60	60	60
<b>e [mm]</b>	15	13	14	14
<b>f [mm]</b>	48	48	58	58
<b>g [mm]</b>	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	55	55	55
<b>i [mm]</b>	71	87	93	100
<b>x [mm]</b>	11,3	5	4,5	0
<b>Wire flexible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

### POWERTWIST

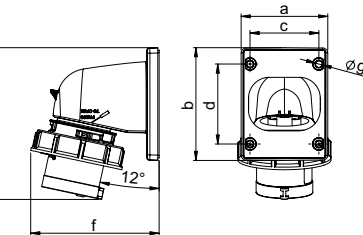


	63 Amp			125 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	100	100	100	120	120	120
<b>Fixing center c x d [mm]</b>	80	80	80	100	100	100
<b>e [mm]</b>	8	8	8	13	13	13
<b>f [mm]</b>	109	109	109	118	118	118
<b>g [mm]</b>	115	115	115	131	131	131
<b>h [mm]</b>	77	77	77	95	95	95
<b>i [mm]</b>	7	7	7	7	7	7
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16			16-50		
<b>Wire solid [mm<sup>2</sup>]</b>	6-15			16-70		
<b>Contact screws [Ncm]</b>	200			450		
<b>Weight [g]</b>	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 56

**IP66/67** watertight

## Flanged plug angled IP67

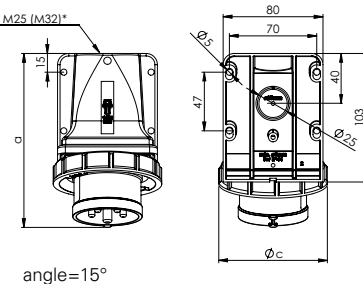


	16 Amp		32 Amp	
	3	5	3	5
<b>Poles</b>	3	5	3	5
<b>a [mm]</b>	66	90	90	90
<b>b [mm]</b>	86	100	100	100
<b>c [mm]</b>	53	77	77	77
<b>d [mm]</b>	61	85	85	85
<b>e [mm]</b>	116	153	163	164
<b>f [mm]</b>	99	107	110	114
<b>g [mm]</b>	5	5	5	5
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5		2,5-6	
<b>Wire solid [mm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

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

**IP67** watertight

## Wall mounted plug IP67



	16 Amp		32 Amp	
	3	5	3	5
<b>Poles</b>	3	5	3	5
<b>a [mm]</b>	136	140	150	152
<b>Height [mm]</b>	99	100	104	102
<b>c [mm]</b>	71	87	93	102
<b>M* [mm]</b>	25	25	25	25
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5		2,5-6	
<b>Wire solid [mm<sup>2</sup>]</b>	1-4		2,5-10	
<b>Contact screws [Ncm]</b>	100		110	
<b>Weight [g]</b>	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



230V~	400V~
50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h
<b>Cat.No.</b>	<b>Cat.No.</b>

**Amp.**  
**Poles**  
**pack. unit**

flange 75 x 75 - fixing center 60 x 60			230V~	400V~
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			230V~	400V~
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			230V~	400V~
125	3	2	643-6.u	
125	4	2		644-6.u
125	5	2		645-6.u



645-6.u

			230V~	400V~
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

			230V~	400V~
16	3	10	5132-6k.u	
16	5	10		5152-6k.u
32	3	10	5232-6k.u	
32	5	10		5252-6k.u

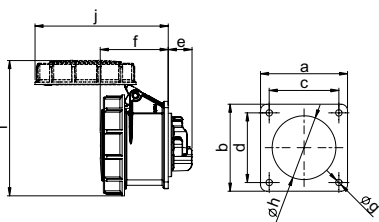


5152-6k.u

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# CEE Flanged sockets straight and sloping

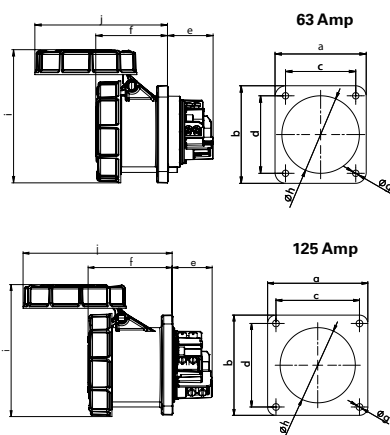
## Flanged socket straight IP67



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

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

**IP67** watertight

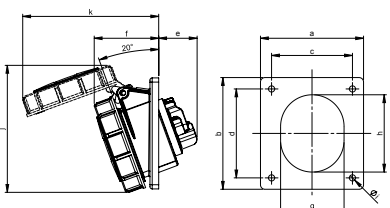


## Flanged socket straight IP66/67 POWER TWIST

	63 Amp			125 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	100	100	100	120	120	120
<b>Fixing center c x d [mm]</b>	80	80	80	100	100	100
<b>e [mm]</b>	50	50	50	48	48	48
<b>f [mm]</b>	80	80	80	101	101	101
<b>g [mm]</b>	7	7	7	8	8	8
<b>h [mm]</b>	85	85	85	90	90	90
<b>i [mm]</b>	147	147	147	159	159	159
<b>j [mm]</b>	146	146	146	179	179	179
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16			16-50		
<b>Wire solid [mm<sup>2</sup>]</b>	6-25			16-70		
<b>Contact screws [Ncm]</b>	200			450		
<b>Weight [g]</b>	488	533	587	752	890	986

- contact frame with screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact please add a „5“, e.g. 3355-6.u (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 3356-6.u (see page 8)

**IP66/67** watertight

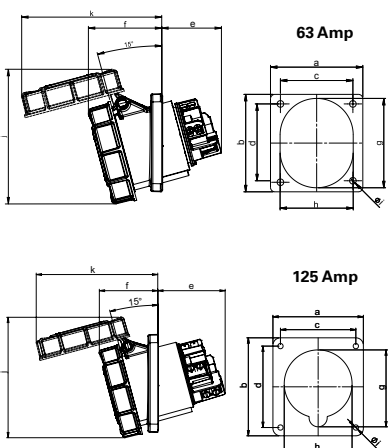


## Flanged socket sloping IP67

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

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

**IP67** watertight



## Flanged socket sloping IP67 POWER TWIST

	63 Amp			125 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a [mm]</b>	100	100	100	120	114	114
<b>Flange b [mm]</b>	112	112	112	130	114	114
<b>Fixing center c [mm]</b>	80	80	80	100	90	90
<b>Fixing center d [mm]</b>	88	88	88	108	90	90
<b>e [mm]</b>	64	64	64	92	92	92
<b>f [mm]</b>	80	80	80	77	77	77
<b>g [mm]</b>	92	92	92	102	102	102
<b>h [mm]</b>	82	82	82	90	90	90
<b>i [mm]</b>	7	7	7	7	7	7
<b>j [mm]</b>	148	148	148	160	160	160
<b>k [mm]</b>	154	154	154	162	162	162
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16			16-50		
<b>Wire solid [mm<sup>2</sup>]</b>	6-25			16-70		
<b>Contact screws [Ncm]</b>	200			450		
<b>Weight [g]</b>	495	540	595	804	896	995

- contact frame with screws; 125A with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact please add a „5“ e.g. 4455-6.u (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 4456-6.u (see page 8)

**IP66/67** watertight

230V~	400V~
50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h
<b>Cat.No.</b>	<b>Cat.No.</b>

**Amp.**  
**Poles**  
**pack.**  
**unit**

flange 75 x 75 - fixing center 60 x 60				
16	3	10	3132-6.u	
16	5	10		3152-6.u
32	3	10	3232-6.u	
32	5	10		3252-6.u



3152-6.u

flange 100 x 100 - fixing center 80 x 80				
63	3	2	333-6.u	
63	4	2		334-6.u
63	5	2		335-6.u
flange 120 x 120 - fixing center 100 x 100				
125	3	2	343-6.u	
125	4	2		344-6.u
125	5	2		345-6.u



335-6.u

flange 92 x 100 - fixing center 77 x 85				
16	3	10	4132-6.u	
16	5	10		4152-6.u
32	3	10	4232-6.u	
32	5	10		4252-6.u



4152-6.u

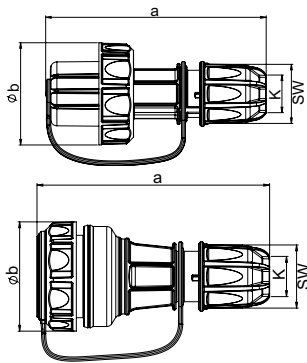
flange 100 x 112 - fixing center 80 x 88				
63	3	2	433-6.u	
63	4	2		434-6.u
63	5	2		435-6.u
flange 120 x 130 - fixing center 100 x 108				
125	3	2	443-6.u	
125	4	2		444-6.u
125	5	2		445-6.u



445-6.u



# Watertight plugs and connectors IP66/68



## Plug with protection cap IP66/68

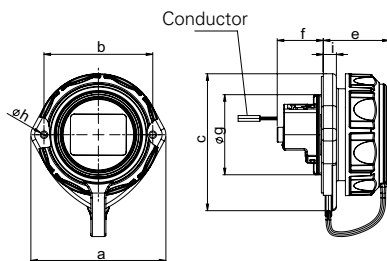
	Plug 16 Amp	Connector 16 Amp
<b>Poles</b>	2P + E	2P + E
<b>a</b> [mm]	144	140
<b>b Ø</b> [mm]	65	65
<b>K (cable Ø)</b> [mm]	6- 19	6- 19
<b>SW</b> [mm]	38	38
<b>Wire flexible</b> [mm <sup>2</sup> ]	1- 2,5	1- 2,5
<b>Contact screws</b> [Ncm]	80	80
<b>Weight</b> [g]	120	140
	protection cap with band	cap 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

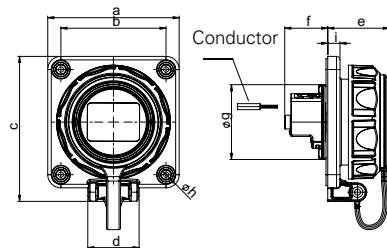


## Flanged socket oval with cover band

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

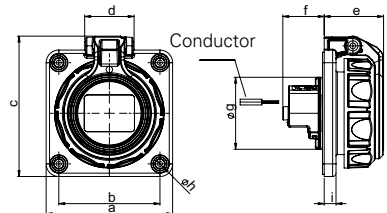


## Flanged socket 75x75 mm with cover band

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

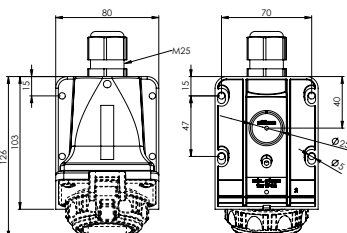
	16 Amp
<b>Poles</b>	2P + E
<b>a</b> [mm]	75
<b>b</b> [mm]	60
<b>c</b> [mm]	84
<b>d</b> [mm]	30
<b>e</b> [mm]	36
<b>f</b> [mm]	25
<b>g</b> [mm]	43
<b>h</b> [mm]	5,5
<b>i</b> [mm]	7
<b>Wire flexible</b> [mm <sup>2</sup> ]	1- 2x2,5
<b>Wire solid</b> [mm <sup>2</sup> ]	1- 2x2,5
<b>Contact screws</b> [Ncm]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



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

20168.u + 20352-8u

250V~

50/60Hz

Amp.	Poles	pack. unit	Abbreviations/Types	Cat.No.
16	3	10	Plug (2-earthing systems)	20051-u
			<b>Austrian/German System</b>	
16	3	10	Connector without shutter	20251-u
16	3	10	Connector with shutter	20251-uc
			<b>French/Belgian System</b>	
16	3	10	Connector without shutter	20241-u
16	3	10	Connector with shutter	20241-uc
16	3	10	<b>Austrian/German System</b> rear connection without shutter	20351-9u
16	3	10	rear connection with shutter	20351-9uc
			<b>French/Belgian System</b>	
16	3	10	rear connection without shutter	20341-9u
16	3	10	rear connection with shutter	20341-9uc
16	3	10	<b>Austrian/German System</b> rear connection without shutter	20351-8u
16	3	10	rear connection with shutter	20351-8uc
			<b>French/Belgian System</b>	
16	3	10	rear connection without shutter	20341-8u
16	3	10	rear connection with shutter	20341-8uc
16	3	10	<b>Austrian/German System</b> rear connection without shutter	20352-8u
16	3	10	rear connection with shutter	20352-8uc
			<b>French/Belgian System</b>	
16	3	10	rear connection without shutter	20342-8u
16	3	10	rear connection with shutter	20342-8uc
		10	Wall housing (empty) incl. 4x screws and cable gland M25	20168.u
		10	Surface housing (empty) incl. 4x screws and cable gland M20	80168.u



20051-u



20251-u



20351-9u



20351-8u



20352-8u



20168.u

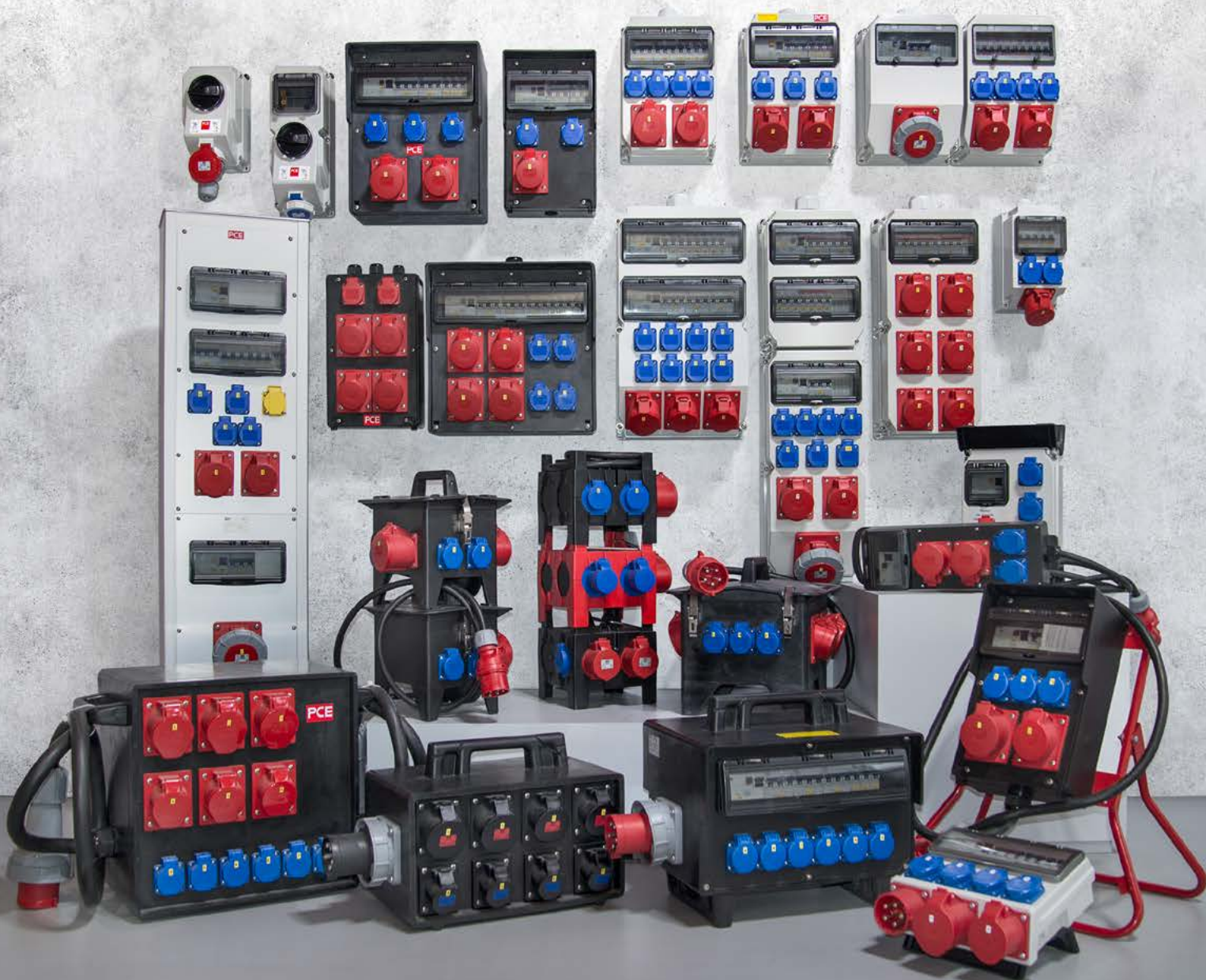


80168.u



# 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 configuration.
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

<p><math>U_n</math> Rated voltage</p> <p><math>I_{nA}</math> Rated current of switchgear and control gear assembly</p> <p><math>I_{cc}</math> Conditional rated short-circuit current</p>	<div style="display: flex; justify-content: space-between;"> <div style="text-align: left;"> <p><b>PCE</b> www.pcelectric.at</p> <p>Typ: 9025575 Strobl BV 32/5 16/5 3xSSD M32ÖoBVu H PC Un: 230/400V~ InA: 40A</p> <p>Icc: 10KA Abmessung LxBxH: 520x222x140 EN 61439-3</p> </div> <div style="text-align: right;"> <p>CE <span style="border: 1px solid black; padding: 2px;">  </span></p> <p><b>IP54</b></p> <p>fn: 50Hz Gewicht/KG: 6,00 Stromart: AC</p> <p>Prod.Datum JJMM: 16/01</p> </div> </div>	<p>Protection class</p> <p><b>IP</b> Ingress protection</p> <p><math>f_n</math> Rated frequency</p> <p><b>RDF</b> Rated diversity factor</p>
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**PCE**










MADE IN AUSTRIA





# WALL-MOUNTED DISTRIBUTION BOXES

## MADE OF SOLID RUBBER

		Page
	<b>Zams</b> Dimensions: HxWxD = 527x400x205(154)mm	<b>258</b>
	<b>Bruck</b> Dimensions: HxWxD = 370x370x203mm	<b>259</b>
	<b>Salzburg</b> Dimensions: HxWxD = 370x298x203mm	<b>260</b>
	<b>Furt</b> Dimensions: HxWxD = 350x210x146mm	<b>261</b>
	<b>Grein</b> Dimensions: HxWxD = 350x210x97mm	<b>262</b>
	<b>Traunsee</b> Dimensions: HxWxD = 260x165x90mm	<b>263</b>
	<b>Freistadt</b> Dimensions: HxWxD = 129x129x83mm	<b>264</b>



## 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.



## STANDARD DESIGN

- **TOP assembly** – all fastening elements and sockets in the cover. Easy preliminary fitting of the empty lower section to the wall
- Distributors wired to terminal (individual connection)
- Waterproof screwed cable gland (IP68) optionally top or bottom mounting
- Circuit breakers (MCB) „C“ 10KA  
RCDs 30mA with numbering for correct circuit assignment
- Clear wiring with insulated wire end sleeves
- Protective isolation through 4-point attachment to the wall outside the wiring compartment – partitioned.
- Also available with external mounting brackets on request
- Hinges between housing base and cover
- Increased mechanical protection edge (roof)
- Safety device material under impact resistant, opening hinged window with large opening angle (accessory: locking device)
- Safety sockets with self-closing hinged lid
- Isolated plastic nut for socket fixation
- All exposed metal parts of stainless steel. Captive screws
- CEE sockets made of PA6, with nickel-plated contacts, impact resistant, individually interchangeable
- Vulcanised brass nut



External mounting brackets made of stainless steel (optional)

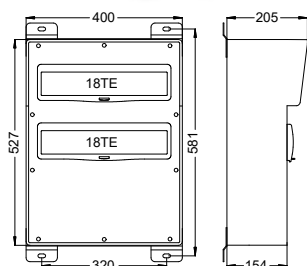


TOP assembly



# Wall-mounted distribution boxes – solid rubber

## Series ZAMS



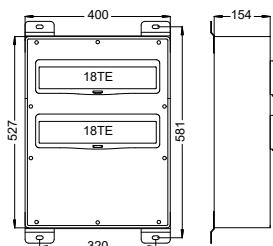
### Series ZAMS

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure with protective roof
- **Dimensions HxWxD = 527x400x205 mm**
- Room for larger switchgear and sockets
- Front cover made out of plastics (black)
- Window for up to max. 3x18 modules
- Ready wired for connection
- **IP54** (IP67 on request)

#### Standard version:

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

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
	1	1	1	3	1xRCD 63A/4/0.3A (TYPE A 63AT) 1xRCD 63A/4/0.03A (TYPE A 63AT)	2xMCB 63A 3p-C before RCD 1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM50 (ø32-38mm) bottom	InA 100A RDF 0,6	<b>9543014</b>



### 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)

Option: protective roof stainless steel cover - see page 303

Layout	CEE 400V 5p		SS 250V	Protection		Connection	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
		1	10	1xRCD 63A/4/0.03A (TYPE A 63AT)	1xMCB 16A 3p-C 5xMCB 16A 1p-C	1xM32 (ø18-25mm) bottom incl. AC meter DIGI and main switch 40A 3p over all outlets	InA 32A RDF 0,6	<b>9544020</b>

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

## Wall-mounted distribution boxes – solid rubber Series BRUCK

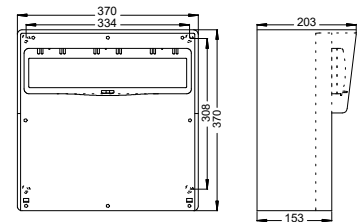
### Series BRUCK

- **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
- Ready wired on main connecting terminal for wiring through (max. 5x25mm<sup>2</sup> / 5x16mm<sup>2</sup> YF)
- Cable gland IP68 selective on top or bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable



Option: protective roof stainless steel cover - see page 303

Layout examples: (other combinations on request!)

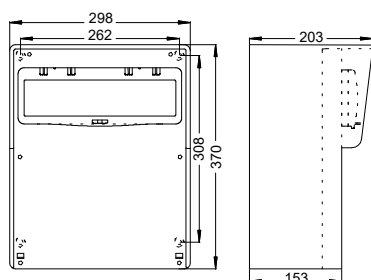
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	2	4	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 4xMCB 16A 1p-B	1xM32 (ø18-25mm) top 1xM32 (blind cap) bottom	InA 40A RDF 0,4	<b>9240539</b>
		2	2	4	1xRCD 63A/4/0.03A (TYPE A 63AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 4xMCB 16A 1p-C	1xM40 (ø22-32mm) top 1xM40 (blind cap) bottom	InA 63A RDF 0,5	<b>9240862</b>
		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	<b>9240544</b> 
		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	<b>92402851</b>
	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	<b>92401633</b>
	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	<b>92402427</b>

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
- **IP54** (IP67 on request)

#### Standard version:

- **TOP-mounting** up to 13 modules- all switchgear and sockets mounted on front cover for easy fixation of the housing to the wall.
- **BOTTOM-mounting** up to 14 modules- all switchgear mounted on the housing.
- Protective insulation via 4-way wall fastening outside of wiring space
- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Window opening angle >180° (Optional: locking device)
- Ready wired on main connecting terminal for wiring through (max. 5x25mm<sup>2</sup> / 5x16mm<sup>2</sup> YF)
- Cable gland IP68 selective on top or bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

Option: protective roof stainless steel cover - see page 303

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	<b>9227142</b>
		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	<b>92272488</b>
		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	
					1xRCD 40A/4/0.03A (TYPE B 40AT)				
					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	<b>92273146</b> + 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	<b>9227354</b>
	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	<b>9227746</b>

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

...available on stock!

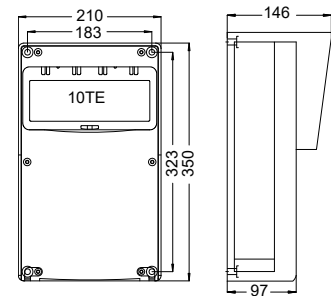
## Wall-mounted distribution boxes – solid rubber Series FURT

### 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
- **IP54** (IP67 on request)

#### Standard version:

- Protective insulation via 4-way wall fastening outside of wiring space
- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Window opening angle >180° (Optional: locking device)
- Ready wired on main connecting terminal
- Cable gland IP68 selective on top or bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				6	1xRCD 63A/4/0.03A (TYPE A 40AT)	6xMCB 16A 1p-C	1xM25 (ø13-18mm) top 1xM25 (blind cap) bottom	InA 32A RDF 0,6	<b>9217134</b>
				9			1xM20 (ø7-14mm) top	VS max.16A	<b>9217005</b>
			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	<b>9217041</b>
			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	<b>9217102</b>
		1	1	2			1xM25 (ø13-18mm) top 2xM20 (ø7-14mm) top	VS max.16A max.32A	<b>9217090</b>
		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	<b>9217001</b>
			2	3		2xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM25 (ø13-18mm) bottom	InA 32A RDF 0,6	<b>9217035</b>
		1	1	3		1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM32 (ø18-25mm) bottom	InA 40A RDF 0,5	<b>9217055</b>
		2		6			1xM25 (ø13-18mm) top 1xM20 (ø7-14mm) top	VS max.16A max.32A	<b>9217100</b>

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

# Wall-mounted distribution boxes – solid rubber

## Series GREIN

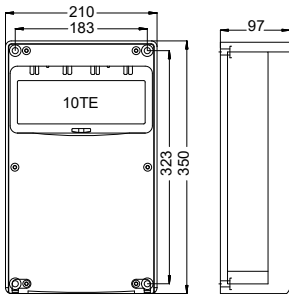


### Series GREIN

- **Socket outlet combination**
- Solid rubber enclosure
- **Dimensions HxWxD = 350x210x97**
- Front cover hinged to housing
- Ready wired for connection
- **IP54** (IP67 on request)

#### Standard version:

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



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	1	3			1xM25 (ø13-18mm) top 2xM20 (ø7-14mm) top	max.16A max.32A	<b>9218090</b>
			4	2			2xM25 (ø13-18mm) top 1xM20 (ø7-14mm) top	max.16A	<b>9218145</b>



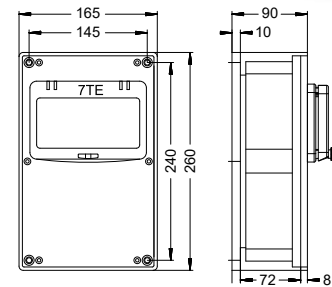
## Wall-mounted distribution boxes – solid rubber Series TRAUNSEE

### Series TRAUNSEE

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure
- **Dimensions HxWxD = 260x165x90**
- Ready wired for connection
- **IP54** (IP67 on request)

#### Standard version:

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



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				3	1xRCD 63A/4/0.03A (TYPE A 40AT)	3xMCB 16A 1p-C	1xM25 (ø13-18mm) top 1xM25 (blind cap) bottom	InA 32A RDF 0,8	<b>9216140</b>
		1		1	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 16A 1p-C	1xM32 (ø18-25mm) top 1xM32 (blind cap) bottom	InA 32A RDF 0,6	<b>9216427</b>
				4			1xM20 (ø10-14mm) top 1xM20 (blind cap) bottom	max.16A	<b>9216027</b>
			1	2			1xM20 (ø10-14mm) top	max.16A	<b>9216237</b>
				4			2xterminal 3p 10mm <sup>2</sup> 2xM20 (ø10-14mm) top	max.16A	<b>9216111</b>
			1	2			1xterminal 5p 10mm <sup>2</sup> 1xterminal 3p 10mm <sup>2</sup> 1xM25 (ø13-18mm) top 1xM20 (ø10-14mm) top	max.16A	<b>9216231</b>
		1		2			1xterminal 5p 10mm <sup>2</sup> 1xterminal 3p 10mm <sup>2</sup> 1xM32 (ø18-25mm) top 1xM25 (ø13-18mm) top	max.16A max.32A	<b>9216236</b>

# Wall-mounted distribution boxes – solid rubber

## Series FREISTADT

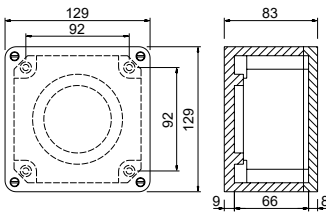


### Series FREISTADT

- Solid rubber enclosure
- **Dimensions HxWxD = 129x129x83**
- Ready wired for connection
- **IP54** (IP67 on request)

#### Standard version:

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



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				2			1xterminal 3p 10mm <sup>2</sup> 1xM20 (ø10-14mm) top	max.16A	<b>9848030</b>
			1	2*			1xterminal 5p 10mm <sup>2</sup> 1xM20 (ø7-14mm) top * SS mounted on the side	max.16A	<b>9848050</b>

Wall-mounted distribution boxes – solid rubber



External mounting brackets made of stainless steel (optional)



PCE












MADE IN AUSTRIA

# DELTA<sup>^</sup>

## WALL-MOUNTED DISTRIBUTION BOXES

MADE OF THERMOPLASTIC

		Page
	<b>Sölden</b> Dimensions: HxWxD = 520x297x165mm	<b>271</b>
	<b>Strobl</b> Dimensions: HxWxD = 520x222x140mm	<b>272</b>
	<b>Anif4</b> Dimensions: HxWxD= 320x222x114mm	<b>273</b>
	<b>Anif7</b> Dimensions: HxWxD= 320x222x140mm	<b>274</b>
	<b>Lofer7</b> Dimensions: HxWxD = 255x204x140mm	<b>276</b>
	<b>Lofer4</b> Dimensions: HxWxD = 255x204x114mm	<b>277</b>
	<b>Opole</b> Dimensions: HxWxD = 355x300x128mm	<b>277</b>
	<b>Murau / Schwaz</b> Dimensions: HxWxD = 255x204x114mm	<b>278</b>
	<b>Lech</b> Dimensions: HxWxD = 230x130x130mm	<b>279</b>
	<b>Enclosure Series FLEX</b>	<b>280</b>
	<b>Enclosure Series T-BOX</b>	<b>285</b>
	<b>PV-Box DC</b>	<b>286</b>



## Wall-mounted thermoplastic distribution boxes DELTA<sup>^</sup>



# DELTA<sup>^</sup> 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**.

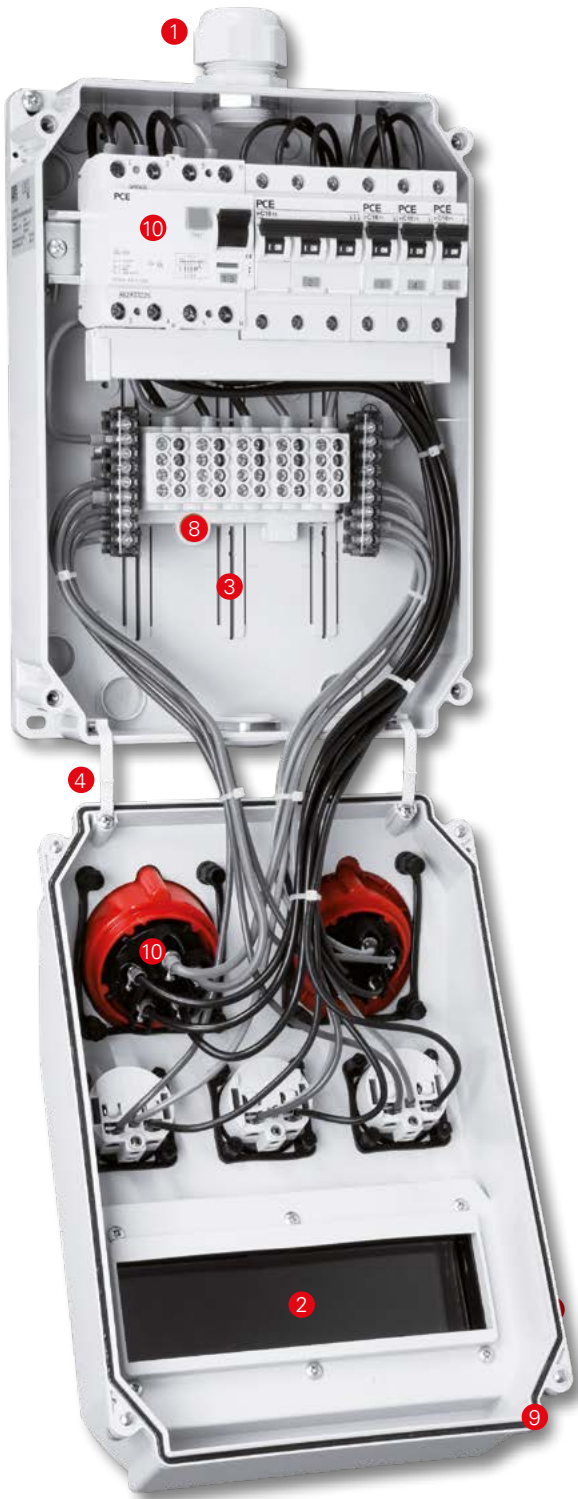
\*) IEC/EN 62208:2011

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.



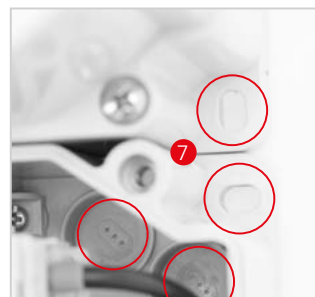
# DELTA<sup>^</sup> detail



- 1 Cable entries up to max. M63, preferably from the top or bottom.
- 2 PCE hinged windows from 2 to 18 modules can be used in IP54 or IP66/67. The transparent protective, upward opening, cover of the window can be locked and sealed.
- 3 A variable groove shaped rail retention system on the inside floor allows optimum and individual positioning of the fittings, assembly plates, etc.
- 4 The cover and bottom part of the enclosure is connected by a flexible hinge, available in 2 different lengths.
- 5 The enclosures can be optimally adapted to each other thanks to the straight housing walls.
- 6 All external screws are made from stainless steel to resist in especially demanding operating conditions.
- 7 Wall mounting is possible in- or outside the protective area.
- 8 Distribution box ready wired on main terminal
- 9 Use of high-quality foamed\* polyurethane seals.
- 10 Any type of switchgears, socket devices, such as CEE sockets 16A 3p to 125A 5p and safety sockets (Austrian/German, French/Belgian, Danish, British or Swiss standards) can be used for assembling.
- 11 Metric thread insert made of brass\*\*.

\*) inserted in series Lech

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





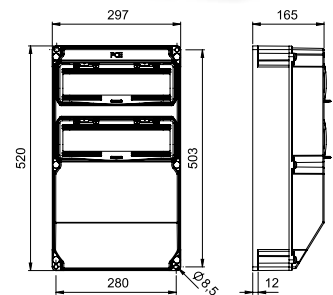
## Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series SÖLDEN

### Series SÖLDEN

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 520x297x165 mm**
- Switchgear up to 2x14 modules, behind transparent window
- Ready wired for connection
- **IP54** (IP67 on request)

#### Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through (max. 5x25mm<sup>2</sup> / 5x16mm<sup>2</sup> 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!)

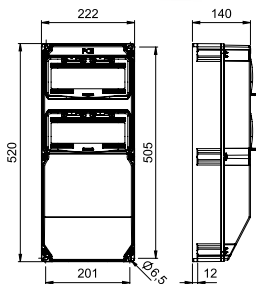
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	2	6	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,5	<b>9028738</b>
		1	2	9	1xRCD 63A/4/0.03A (TYPE A 63AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 9xMCB 16A 1p-C	1xM40 (hole) top 1xM40 (blind cap) bottom	InA 63A RDF 0,5	<b>9028883</b> 
		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	<b>9029541</b>
		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	<b>9028086</b>
	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	<b>9029153</b>
	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	<b>9029070</b>
	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	<b>9029074</b> 

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

...available on stock!

# Thermoplastic insulated distribution boxes **DELTA**<sup>▲</sup>

## Series STROBL



### Series STROBL

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 520x222x140 mm**
- Switchgear up to 2x10 modules, behind transparent window
- Ready wired for connection
- **IP54** (IP67 on request)

### Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through (max. 5x25mm<sup>2</sup> / 5x16mm<sup>2</sup> YF)
- Opening for cable gland on top, blind cap on bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4	1xRCD 40A/4/0.03A (TYPE A 25AT)	2xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 25A RDF 0,5	<b>9025162</b>
		1	1	2	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,6	<b>9025512</b>
		1	1	3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,6	<b>9025575</b> 
		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	InA 40A RDF 0,6	<b>90251319</b> + 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	InA 40A RDF 0,5	<b>9025521</b>
		1	2	2	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,5	<b>9025612</b>
		1	2	4	1xRCD 63A/4/0.03A (TYPE B 63AT)	1xMCB 32A 3p-C 2xMCB 16A 3p-C 4xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 63A RDF 0,4	<b>90251023</b>
	1xRCD 63A/4/0.03A (TYPE A 40AT)				1xMCB 32A 3p-C 2xMCB 16A 3p-C 4xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,4	<b>9025231</b> 	
	1xRCD 63A/4/0.03A (TYPE A 63AT)				1xMCB 32A 3p-C 2xMCB 16A 3p-C 4xMCB 16A 1p-C	1xM40 (hole) top 1xM40 (blind cap) bottom	InA 63A RDF 0,5	<b>9025587</b>	

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

...available on stock!

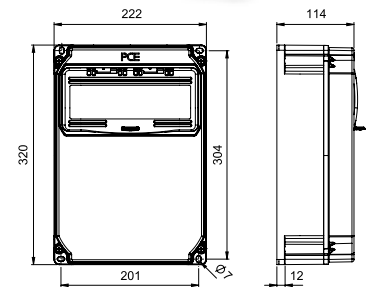
## Thermoplastic insulated distribution boxes DELTA Series ANIF4

### Series ANIF4

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 320x222x114 mm**
- Switchgear up to 10 modules, behind transparent window
- Ready wired for connection
- **IP54** (IP67 on request)

#### Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through (max. 5x25mm<sup>2</sup> / 5x16mm<sup>2</sup> 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	<b>9134029</b>
		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	<b>9134227</b>
		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 0,5	<b>9134520</b>
				<b>CEE 16A 3p</b> 4*	4xRCBO 16A 1p+N C 30mA TYPE A		1xM25 cable gland (ø13-18mm) bottom 4xCEE-sockets 16A 3p 230V lockable with padlock	InA 32A RDF 0,5	<b>9134194</b>

- \*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,...



9134194

# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series ANIF7

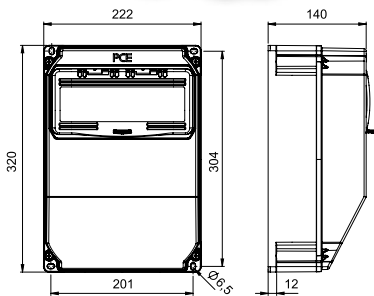


## Series ANIF7

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 320x222x140 mm**
- Switchgear up to 10 modules, behind transparent window
- Ready wired for connection
- **IP54** (IP67 on request)

### Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through (max. 5x25mm<sup>2</sup> / 5x16mm<sup>2</sup> 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	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	<b>9135112</b>
			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	<b>9135114</b>
		1	1	2	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 32A RDF 0,5	<b>9135512</b>
		1	1	2		1xMCB 32A 3p-C 1xMCB 16A 3p-C 2xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,6	<b>9135511</b>
			2	2		2xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 32A RDF 0,6	<b>9135123</b>
		1		3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 3xMCB 16A 1p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,7	<b>9135136</b>
		2		2		2xMCB 32A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,5	<b>9135523</b>

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	<b>9135110</b>
			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	<b>9135151</b>
			2	3		2xMCB 16A 3p-C 3xMCB 16A 1p-B	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,7	<b>9135153</b>
		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	<b>9135551</b>
		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	<b>9135510</b> 
		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	<b>9135552</b>
		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	<b>9135584</b>
		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	<b>9135653</b>
		1	1			1xMCB 32A 3p-C 1xMCB 16A 3p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,8	<b>9135417</b>
		2				2xMCB 32A 3p-C	1xM32 (hole) top 1xM32 (blind cap) bottom	InA 40A RDF 0,6	<b>9135421</b>
		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	<b>9135647</b> + 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 1x USB-charging socket with 2x USB Type A	InA 32A RDF 0,5	<b>9135710</b>

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

...available on stock!

# Thermoplastic insulated distribution boxes **DELTA**<sup>▲</sup>

## Series LOFER7

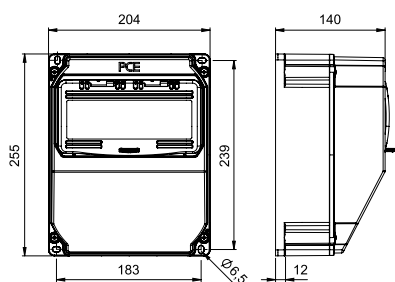


### Series LOFER7

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 255x204x140 mm**
- Switchgear up to 9 modules, behind transparent window
- Ready wired for connection
- **IP54** (IP67 on request)

### Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through
- Opening for cable gland on top, blind cap on bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	2	1xRCD 40A/4/0.03A (TYPE A 25AT)	1xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM25 (hole) top 1xM25 (blind cap) bottom	InA 25A RDF 0,7	<b>9018112</b> 
			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	<b>9018114</b>
		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	<b>9018164</b>
				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	<b>9018012</b>
		1	1			1xMCB 16A 3p-C	1xM25 (hole) top 1xM25 (blind cap) bottom	InA 32A RDF 0,6	<b>9018088</b>
			2			2xMCB 16A 3p-C	1xM25 (hole) top 1xM25 (blind cap) bottom	InA 32A RDF 0,8	<b>9018161</b>

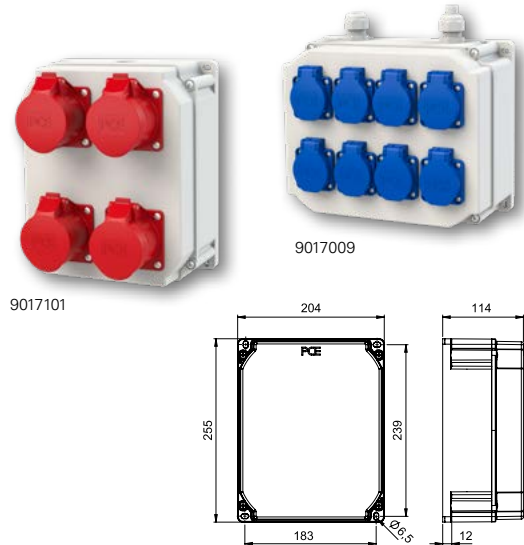
## Thermoplastic insulated distribution boxes DELTA Series LOFER4

### Series LOFER4

- **Socket outlet combination**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 255x204x114 mm**
- Ready wired for connection
- **IP54** (IP67 on request)

#### Standard version:

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



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	<b>9017037</b>
				8			2xM20 (cable gland ø10-14mm) top	max. 16A	<b>9017009</b>
			4				1xM25 (hole) top 1xM25 (blind cap) bottom	max. 16A	<b>9017101</b>

## 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 0,6	<b>45460101</b>
		1	2	5	1xRCD 63A/4/0,03A (TYPE A 40AT)	1xMCB 32A 3p-C 1xMCB 16A 3p-C 4xMCB 16A 1p-C	1 x M32 (Ø18-25mm) top	InA 40A RDF 0,6	<b>45460102</b>

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

# Thermoplastic insulated distribution boxes **DELTA**<sup>▲</sup> Series MURAU/SCHWAZ



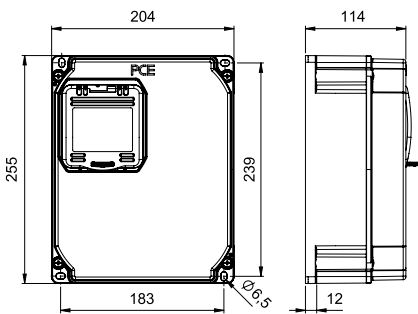
MURAU: 9013012

## Series MURAU/SCHWAZ

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 255x204x114 mm**
- MURAU: Switchgear up to 4 modules, behind transparent window
- SCHWAZ: without window
- Ready wired for connection
- **IP54** (IP67 on request)

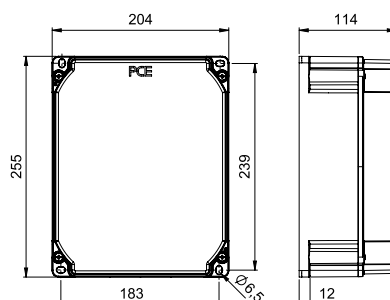
### Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through
- Opening for cable gland on top, blind cap on bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				5	1xRCD 40A/4/0.03A (TYPE A 25AT)		1xM25 (hole) top 1xM25 (blind cap) bottom	InA 16A RDF 0,7	<b>9013039</b>
			1	3	1xRCD 40A/4/0.03A (TYPE A 25AT)		1xM25 (hole) top 1xM25 (blind cap) bottom	InA 16A RDF 0,7	<b>9013031</b>
			2	4			1xM20 (cable gland (ø10-14mm) top	VS max.16A	<b>9014120-p</b>



SCHWAZ: 9014120

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



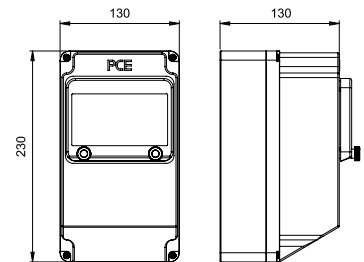
## Thermoplastic insulated distribution boxes DELTA Series LECH

### 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
- **IP54** (IP67 on request)

#### Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through
- Thread for cable gland 1xM25 on top, 2x break out openings M25 bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	1		1x MCB 16A 1p-B	1x M25 (thread) top 2x M25 (break out) bottom	InA 16A RDF 0,5	<b>9605105</b>
		1		1		1x MCB 16A 1p-B	1x M25 (thread) top 2x M25 (break out) bottom	InA 32A RDF 0,8	<b>9605351</b>
			1	2		1x MCB 16A 3p-C 2x MCB 16A 1p-B	1x M25 (thread) top 2x M25 (break out) bottom	InA 32A RDF 0,8	<b>9605153</b>
			1	2		1x MCB 16A 3p-C 2x MCB 16A 1p-C	1x M25 (thread) top 2x M25 (break out) bottom	InA 32A RDF 0,8	<b>9605159</b>
			1	2	1x RCD 40A/4/0.03A (TYPE A 25AT)	2x MCB 16A 1p-B	1x M25 (thread) top 2x M25 (break out) bottom	InA 16A RDF 0,5	<b>9605150</b>
		1		2		2x MCB 16A 1p-B	1x M25 (thread) top 2x M25 (break out) bottom	InA 32A RDF 0,6	<b>9605056</b>
		1		2	1x RCD 63A/4/0.03A (TYPE A 40AT)	2x MCB 16A 1p-B	1x M25 (thread) top 2x M25 (break out) bottom	InA 32A RDF 0,6	<b>9605320</b>
				3	1x RCD 40A/4/0.03A (TYPE A 25AT)		1x M25 (thread) top 2x M25 (break out) bottom	InA 16A RDF 0,8	<b>9605010</b>

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

PCE



# FLEX ENCLOSURE

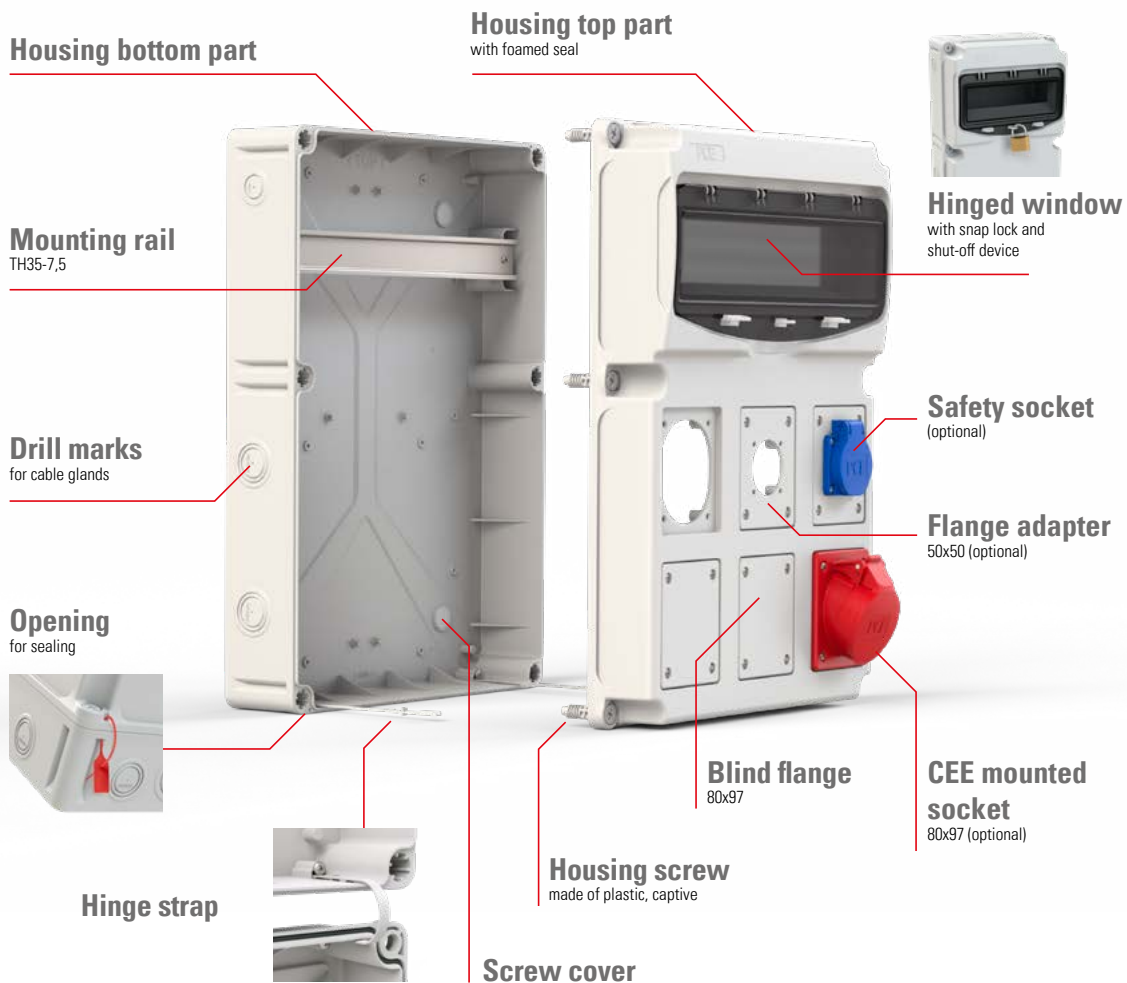
## FOR LOW-VOLTAGE SWITCHGEAR ASSEMBLIES

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 283)



### 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	50	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



## Thermoplastic insulated enclosure Series FLEX - Accessories



P-NOVA  
**PLUS+**

### Safety socket IP54

Flange 50x50mm

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



**S-NOVA®**

### Safety socket IP54

Flange 50x50mm

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



12k452-0e

### Data socket IP54

Flange 50x50mm

	pack. unit (MOQ)	Cat.No.
incl. 2x CAT 6 <sub>A</sub> RJ45 module	1	<b>12k452-0e</b>
Data socket with hinged lid (empty), 1x opening	1	<b>110m-0e</b>
Module CAT 6 <sub>A</sub> RJ45	1	<b>093617</b>
Module USB 2.0 A / USB 2.0 A	1	<b>086317</b>



### CEE flanged socket sloping IP44/54

- with screw terminals
- brass contacts
- flange 80x97mm

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



### CEE flanged socket sloping IP67

- with screw terminals
- brass contacts
- flange 80x97mm

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

# 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



# Lightning and surge protection for photovoltaic systems

## PV-BOX DC

### PV-Box Type 1+2 / Type 2



### PV-BOX DC1

#### Complete solution for PV-systems with 1 MPP-tracker, 1000V DC

- Plastic enclosure with transparent window for 8 units
- Number of MPP-tracker: 1 / number of strings: 1
- 1x surge arrester Type 1+2 or Type 2
- 4x PV-connectors or 4x cable gland M16
- 2x cable gland M16 for earth connection
- ready wired (only with PV-connectors)

		Type 1+2	Type 2
PV-BOX SOL-LINE DC1-MC	PV-connectors	<b>090PV005</b>	<b>090PV010</b>
PV-BOX SOL-LINE DC1-M16	Cable gland M16	<b>090PV027</b>	<b>090PV030</b>



### PV-BOX DC2

#### Complete solution for PV-systems with 2 MPP-tracker, 1000V DC

- Plastic enclosure with transparent window for 8 units
- Number of MPP-tracker: 2 / number of strings: 1
- 2x surge arrester Type 1+2 or Type 2
- 8x PV-connectors or 8x cable gland M16
- 2x cable gland M16 for earth connection
- ready wired (only with PV-connectors)

		Type 1+2	Type 2
PV-BOX SOL-LINE DC2-MC	PV-connectors	<b>090PV004</b>	<b>090PV009</b>
PV-BOX SOL-LINE DC2-M16	Cable gland M16	<b>090PV028</b>	<b>090PV031</b>



### PV-BOX DC3

#### Complete solution for PV-systems with 3 MPP-tracker, 1000V DC

- Plastic enclosure with transparent window for 18 units
- Number of MPP-tracker: 3 / number of strings: 1
- 3x surge arrester Type 1+2
- 12x PV-connectors
- 2x cable gland M16 for earth connection
- ready wired

		Type 1+2	Type 2
PV-BOX SOL-LINE DC3-MC	PV-connectors	<b>090PV034</b>	on request
PV-BOX SOL-LINE DC3-M16	Cable gland M16	on request	on request



## PV-Box with disconnecter switch / string fuse

### PV-BOX DC1 with disconnecter switch Complete solution for PV-systems with 1 MPP-tracker, 1000V DC

- Plastic enclosure with transparent window for 8 units
- Number of MPP-tracker: 1 / number of strings: 1-2
- 1x surge arrester Type 1+2
- 1x DC disconnecter switch 32A 1000V DC 2p
- 6x PV-connectors
- 2x cable gland M16 for earth connection
- ready wired



		Type 1+2	Type 2
PV-BOX SOL-LINE DC1-TS-MC	PV-connectors	<b>090PV033</b>	on request
PV-BOX SOL-LINE DC1-TS-M16	Cable gland M16	on request	on request

### PV-BOX DC2 with disconnecter switch Complete solution for PV-systems with 2 MPP-tracker, 1000V DC

- Plastic enclosure with transparent window for 18 units
- Number of MPP-tracker: 2 / number of strings: 1-2
- 2x surge arrester Type 1+2
- 2x DC disconnecter switch 32A 1000V DC 2p
- 12x PV-connectors or 12x cable gland M16
- 2x cable gland M16 for earth connection
- ready wired (only with PV-connectors)



		Type 1+2	Type 2
PV-BOX SOL-LINE DC2-TS-MC	PV-connectors	<b>090PV039</b>	on request
PV-BOX SOL-LINE DC2-TS-M16	Cable gland M16	<b>090PV040</b>	on request

### PV-BOX DC2 with string fuse Complete solution for PV-systems with 2 MPP-tracker, 1000V DC

- Plastic enclosure with transparent window for 12 units
- Number of MPP-tracker: 2 / number of strings: 1
- 2x surge arrester Type 1+2 or Type 2
- 4x fuse inserts D01 16A gPV 1000V DC
- 8x PV-connectors or 8x cable gland M16
- 2x cable gland M16 for earth connection
- ready wired (only with PV-connectors)



		Type 1+2	Type 2
PV-BOX SOL-LINE DC2-SICH-MC	PV-connectors	<b>090PV001</b>	<b>090PV006</b>
PV-BOX SOL-LINE DC2-SICH-M16	Cable gland M16	<b>090PV029</b>	<b>090PV032</b>



PCE









MADE IN AUSTRIA



# MOBILE DISTRIBUTION BOXES

## MADE OF SOLID RUBBER

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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 T 



Customized labeling  
(engraving plate) on request!

Example

Property of  
Company  
XYZ



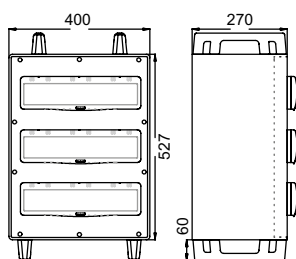
# Solid-rubber distribution boxes – mobile

## 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	InA 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	InA 125A RDF 0,5	<b>9545069</b>
	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	InA 125A RDF 0,5	<b>9545311</b>
		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	InA 125A RDF 0,4	<b>9545312</b>

## Solid-rubber distribution boxes – mobile Series SCHREMS

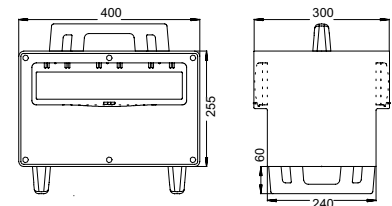
### Series SCHREMS

- **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



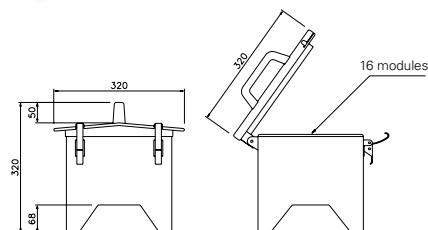
Layout examples: (other combinations on request!)

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	<b>9504138</b>
	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	<b>9504124</b>
		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	<b>9504540</b>
		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	<b>9504020</b>
		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	<b>9504450</b>
	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	<b>9504103</b>

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!)

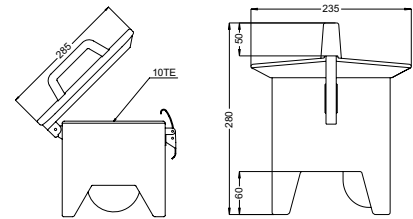
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	2	3	1 x RCD 63A/4/0,03A (TYPE A 63AT)	1 x MCB 32A 3p-C 2 x MCB 16A 3p-C 3 x MCB 16A 1p-C	2m cable H07RN-F 5G16 with CEE-plug 63A 5p 400V	InA 63A RDF 0,6	<b>94741511</b> 
		1	2	4	1 x RCD 63A/4/0,03A (TYPE A 40AT)	2 x MCB 16A 3p-C 4 x MCB 16A 1p-B	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,6	<b>9474584</b>
		2	2	4	1 x RCD 63A/4/0,03A (TYPE A 40AT)	2 x MCB 16A 3p-C 4 x MCB 16A 1p-B	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,4	<b>9474590</b>
					1 x RCD 63A/4/0,03A (TYPE A 40AT)	1 x MCB 16A 3p-C 4 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,4	<b>94741386</b> 
		3		4	1 x RCD 63A/4/0,03A (TYPE A 63AT)	3 x MCB 32A 3p-C 2 x MCB 16A 1p-B	2m cable H07RN-F 5G10 with CEE-plug 63A 5p 400V	InA 63A RDF 0,4	<b>9474320</b>
			2	6	1 x RCD 63A/4/0,03A (TYPE A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-B	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,8	<b>9474154</b>
				10	1 x RCD 63A/4/0,03A (TYPE A 40AT)	10 x MCB 16A 1p-B	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,5	<b>9474144</b>



## Solid-rubber distribution boxes – mobile Series RIED

### Series RIED

- **Socket outlet combination acc. EN 61439**
- Portable solid rubber distribution box
- **Dimensions: HxWxD = 280x235x285 mm**
- Lifting hinged top cover with 2 quick acting closures
- Fuses, control devices e.g. MCB, RCD, current indicator, ... under top cover
- Maximum safety- closed casing bottom with high ground clearance, prevention of water intake from bottom
- Sockets protected by overhanging box cover
- Space-saving storage- distributors are stackable



### Standard version:

- Enclosure with solid rubber carrying handle
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable
- All outer metal parts made out of stainless steel
- Entry connection made out of flexible rubber cable with plug or flanged plug
- Housing protection **IP54** (IP44 with 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	2	3	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	1xCEE-wall mounted plug 32A 5p 400V	InA 32A RDF 0,5	<b>9473377</b>
		1	2	3	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,5	<b>9473080</b>
			2	4	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,8	<b>9473012</b>
			2	4	1 x RCD 40A/4/0.03A (TYPE A 25AT)	2 x MCB 16A 1p-C	2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	InA 16A RDF 0,5	<b>9473070</b>
			2	4	1 x RCD 40A/4/0.03A (TYPE A 25AT)	2 x MCB 16A 1p-C	1xCEE-wall mounted plug 16A 5p 400V	InA 16A RDF 0,5	<b>9473071</b>
			2	4	1 x RCD 63A/4/0.03A (TYPE A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-C	1xCEE-wall mounted plug 32A 5p 400V	InA 32A RDF 0,5	<b>9473435</b>
				6		6 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,7	<b>9473487</b>
			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	InA 16A RDF 0,5	<b>9473255</b>

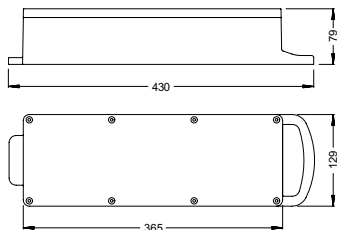
InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

# 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	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	2	1 x RCD 40A/4/0.03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	InA 16A RDF 0,8	<b>9441065</b>
		2		2	1 x RCD 63A/4/0.03A (TYPE A 40AT)	2 x MCB 16A 1p-C	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V	InA 32A RDF 0,8	<b>9441075</b>
			1	3			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max.16A	<b>9441050</b>
			1	3	1 x RCD 40A/4/0.03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	InA 16A RDF 0,8	<b>9441051</b>
			2	3			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max.16A	<b>9441151</b> 
				4			2m cable H07RN-F 3G2,5mm2 with solid rubber plug 16A 2p+PE 230V	VS max.16A	<b>9441010</b>
			3				2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max.16A	<b>9441070</b>
				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	InA 16A RDF 0,8	<b>9441700</b>

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

...available on stock!

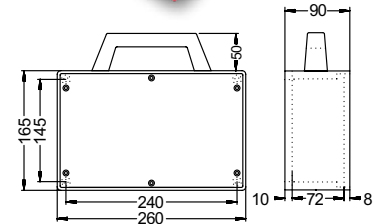
## Solid-rubber distribution boxes – mobile Series TRAUNSEE

### 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	<b>9216051</b>
				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	<b>9216066</b>
				4			1,5m cable H07RN-F 3G2,5 with solid rubber plug 16A 2p+PE 230V	VS max.16A	<b>9216011</b>

# Solid-rubber distribution boxes – mobile with electricity meters

123456 kWh

Layout examples: (other combinations on request!)

CEE 400V 5p		SS 250V	Version / Equipment	Cat.No.	
32A	16A	16A			
			<b>Mobile distribution box - solid rubber - series SPITZ IP54 with locking unit</b> 4 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	<b>94742251</b>	
	1	4	<b>Mobile distribution box - solid rubber - series SPITZ IP54 with locking unit</b> 4 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	<b>94742241</b>	
	2	4	<b>Mobile distribution box - solid rubber - series SPITZ IP54 with locking unit</b> 4 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	<b>94742242</b>	
	1	2	3	<b>Mobile distribution box - solid rubber - series SPITZ IP54 with locking unit</b> 3 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	<b>94742249</b>
	1	2	6	<b>Mobile distribution box - solid rubber - series SCHREMS IP54</b> CEE-flanged plug 32A 5p 400V 1 x MCB 16A 3p-C 3 x MCB 16A 1p-C 1 x RCD 63A/4/0.03A (TYPE A 40AT) 1 x electronic kWh AC meter 80A 400V 3p	<b>9504376</b>
	1	2	6	<b>Mobile distribution box - solid rubber - series SCHREMS IP54</b> 6 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 80A 400V 3p	<b>9504368</b>

## Solid-rubber distribution boxes - mobile with isolation transformer

with galvanic isolation 230/230V~  
according to EN61558-2-4 (VDE 0570 part 2-4)



9474410

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		SSD 250V	Version / Equipment	Cat.No.
	32A	16A	16A		
			1	<b>Series SPITZ</b> 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	<b>Series SCHREMS</b> Isolation transformer 2500VA 230/230V~ Entry: 3m cable 2 x 2,5 with safety plug 16A 250V~ Outlet: 1 safety socket 16A 250V~	9502619

## 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	<b>Series TRAUNSEE</b> 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
		4	<b>Series RIED</b> Safety transformer 500VA 230/42V~ Entry: 3m cable 2G1,5 with contour plug 16A 250V~ Outlet: 4 CEE-sockets 16A 2p 42V~	9473401



## Solid-rubber distribution boxes – mobile

### Special versions – examples



#### Solid rubber 2-way distributor combination Series COMBI of 2 ZIRL

with 2 crane eyelets size M12 mounted on a galvanised 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 disconnecter 160A as input fuse

3x control lights (L1,L2,L3)



# Solid-rubber distribution boxes Special versions – examples

## Solid rubber 2-way distributor combination Series COMBI with 2 ZIRL

on transport trolley made of angel irons, galvanized, with 2 guide rollers and 2 fixed rollers, solid rubber tyres

**HxWxD = 610x800x270mm**

Equipment:

3 control lamps to monitor the input

2 CEE-sockets 63A 5p 400V

3 CEE-sockets 32A 5p 400V

6 CEE-sockets 16A 5p 400V

9 sockets (DIN 49440) 16A 240V

2 MCBs 63A 3p-C

3 MCBs 32A 3p-C

6 MCBs 16A 3p-C

9 MCBs 16A 1p-C

2 RCDs 63/4/0,1A on CEE-sockets 63A

1 RCD 63/4/0,03A on CEE-sockets 32A

1 RCD 63/4/0,03A on CEE-sockets 16A

1 RCD 40/4/0,03A back-up fuse in the form of a RCD earthed contact socket



## Revision cart IP54 Series COMBI with 4 ZIRL

on transport trolley made of angel irons, galvanized, with 2 guide rollers and 2 fixed rollers, solid rubber tyres

**HxWxD = 990x1100x720mm**

Equipment:

1 CEE-socket 125A 5p 400V

2 CEE-sockets 63A 5p 400V

2 CEE-sockets 32A 5p 400V

2 CEE-sockets 16A 5p 400V

6 sockets (DIN 49440) 16A 240V

1 power switch 125A with RCD

2 Minized 63A 3p 2 Fi 63/4/0,03A on CEE-Dosen 63A

2 LS 32A 3p-C 1 Fi 63/4/0,03A on CEE-Dosen 32A

2 LS 16A 3p-C 1 Fi 63/4/0,03A on CEE-Dosen 16A

6 LS16A 1p-C 2 Fi 40/4/0,03A back-up fuse in the form of a RCD earthed contact socket



5 Powerlock 400A



## Distribution boxes – special versions





# Universal racks and power column stands

## Universal rack

- solid welded frame, with ergonomic handle
- hinged reel
- mounting holes predrilled for individual distribution boxes for self-installation
- prepared for different sizes of distribution boxes series ANIF, FURT, LOFER, SALZBURG, GREIN, MURAU and SCHWAZ

598053



## Protective roof stainless steel

- Version in 2mm stainless steel V2A quality
- Protective roof series ZAMS
  - for distribution boxes series ZAMS **only with wall holders**
  - WxHxD = 412x587x250mm
- Protective roof series SALZBURG
  - for distribution boxes series SALZBURG **only with wall holders**
  - WxHxD = 318x422x250mm
- Protective roof series BRUCK
  - for distribution boxes series Bruck **only with wall holders**
  - WxHxD = 390x422x250mm

40799001

40799002

40799003



## Power column stand Typ 340

- 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

410998



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** 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**.











MADE IN AUSTRIA



# MOBILE DISTRIBUTION BOXES

## MADE OF THERMOPLASTIC

		Page
	<p><b>Ischl</b> Dimensions: HxWxD = 200x300x200mm</p>	<b>306</b>
	<p><b>Imst</b> Dimensions: HxWxD = 200x197x197mm</p>	<b>308</b>
	<p><b>Pegasus</b> Dimensions: HxWxD = 230x140x140mm</p>	<b>310</b>
	<p><b>Anif4</b> Dimensions: HxWxD = 320x222x114mm</p>	<b>312</b>
	<p><b>Murau / Schwaz / Lofer 4</b> Dimensions: HxWxD = 255x204x114mm</p>	<b>312</b>
	<p><b>Horn</b> Dimensions: HxWxD = 263x246x75mm</p>	<b>313</b>
	<p><b>Opole</b> Dimensions: HxWxD = 405x300x128mm</p>	<b>313</b>
	<p><b>St. Anton compact distribution boxes</b></p>	<b>314</b>



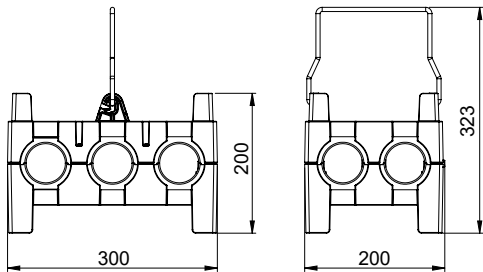
# Thermoplastic insulated distribution boxes – mobile Series ISCHL



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	<b>9130074</b>
			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	<b>9130012</b> 
			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	<b>9130154</b>
			3	6			2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	VS max.16A	<b>9130005</b>
			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	<b>9130006</b>

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	<b>9130080</b>
		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	<b>9130374</b>
		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	<b>9130008</b> 
		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	<b>9130007</b>

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

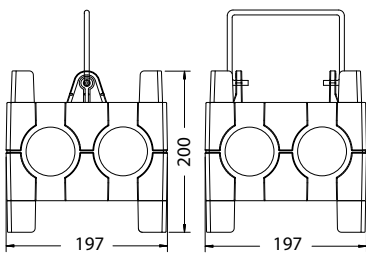


Boxes are stackable:  
space-saving storage

# Thermoplastic insulated distribution boxes – mobile Series IMST



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	<b>9030614</b>
			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	<b>9030119</b>
			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	<b>9030129</b>
		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	<b>9030117</b> 
			2	4			1 x CEE-flanged plug 16A 5p 400V	VS max. 16A	<b>9030010</b> 
			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	<b>9030014</b> 

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

...available on stock!

## Thermoplastic insulated distribution boxes – mobile Series IMST

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4	1 x RCD 40A/4/0.03A (TYPE A 25AT)	2 x MCB 16A 1p-C	1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 0,5	<b>9030206</b>
			2	5			2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	VS max.16A	<b>9030020</b> 
			2	5	1 x RCD 40A/4/0.03A (TYPE A 25AT)		2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	InA 16A RDF 0,7	<b>9030004</b>
			2	5	1 x RCD 40A/4/0.03A (TYPE A 25AT)	2 x MCB 16A 1p-C	2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	InA 16A RDF 0,5	<b>9030204</b> 
				7			2m cable H07RN-F 3G2,5 with solid rubber safety plug	VS max.16A	<b>9030030</b>
				7	1 x RCD 25A/2/0.03A (TYPE A 25AT)		2m cable H07RN-F 3G2,5 with solid rubber safety plug	InA 16A RDF 0,7	<b>9030040</b>

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



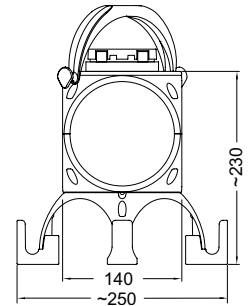
# Thermoplastic insulated distribution boxes – mobile

## 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!)





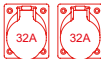



Layout	CEE 400V 5p		SS 250V	Protection		Connection	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
		2	2			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max.16A	<b>9034003</b>
		1	3			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max.16A	<b>9034004</b>
			4			2m cable H07RN-F 5G2,5 CEE-with plug 16A 5p 400V	VS max.16A	<b>9034006</b>
			4			2m cable H07RN-F 3G2.5 with safety plug (solid rubber) 16A 2p+PE 230V	VS max.16A	<b>9034007</b>
			6			1 x CEE-flanged plug 16A 5p 400V	VS max.16A	<b>9034011</b>
			8			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max.16A	<b>9034005</b>
		3				1 x CEE-flanged plug 16A 5p 400V	VS max.16A	<b>9034009</b>
		4				2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	VS max.16A	<b>9034002</b>
	4					2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V	VS max.32A	<b>9034001</b>

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	<b>9034030</b>
		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	<b>9034031</b>
		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	<b>9034032</b>
			6		3 x MCB 16A 1p-C	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V	InA 32A RDF 0,9	<b>9034033</b>
	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	<b>9034050</b>
		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	<b>9034052</b>
			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	<b>9034053</b>
			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	<b>9034055</b>

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



Special color yellow



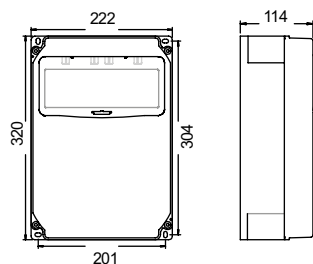
# Thermoplastic insulated distribution boxes – mobile

## Series ANIF4 / MURAU / SCHWAZ / LOFER4



### Series ANIF4

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



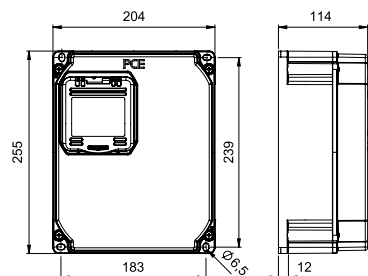
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4		2 x MCB 16A 3p-C 4 x MCB 16A 1p-B	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V <b>Portable frame</b>	InA 32A RDF 0,5	<b>9134124</b>
		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 <b>Carrying handle</b>	InA 32A RDF 0,4	<b>9134532</b>
		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 <b>Carrying handle</b>	InA 32A RDF 0,5	<b>9134518</b>



### Series MURAU/SCHWAZ/LOFER4

- Socket outlet combination acc. EN 61439
- Compact design
- Material: PC/ABS
- **Dimensions: HxWxD = 255x204x114 mm**
- 4 modules (MURAU)
- without window (SCHWAZ/LOFER4)
- Ready wired for connection
- **IP54** splashproof
- for assembly plants, electricians, ...



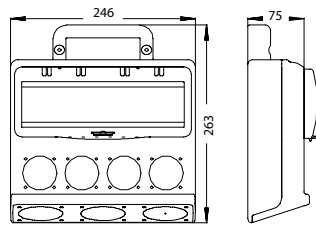
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	3	1 x RCD 40A/4/0,03A (TYPE A 25AT)		2m cable H07RN-F 5G1,5 with CEE-plug 16A 5p 400V Carrying handle and stand	InA 16A RDF 0,8	<b>9013022</b>
			2	4			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V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

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	<b>9004001-p</b>
			2	4		2 x MCB 16A 1p-C	1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 0,8	<b>9004004-p</b>
			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	<b>9004006-p</b>
		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	<b>9004002-p</b>
		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	<b>9004012-p</b>

## 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	<b>45460103</b>
		1	2	5	1xRCD 63A/4/0,03A (TYPE A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,6	<b>45460104</b>

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


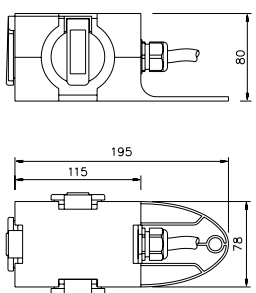


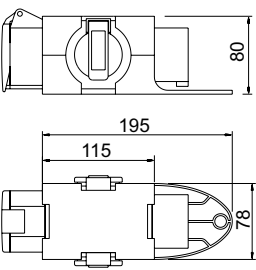


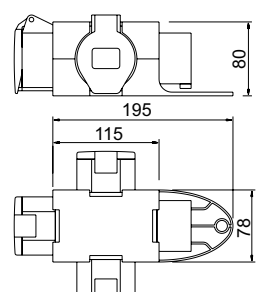
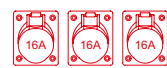

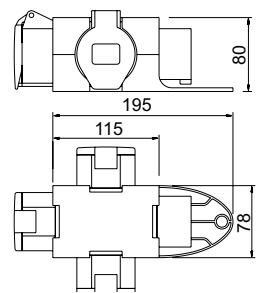
# Compact distribution boxes Series ST. ANTON


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

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

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

- compact shape made of shock-resistant polyamide
- space saving storage- ergonomic design
- with shackle (optional: without shackle)
- ready wired for connection
- **IP44** splashproof
- well adapted for industry.

Symbolic picture	Entry	Outlet	Cat.No.
 	M20 cable gland without cable	3 x safety sockets 16A 250V with self-closing lid 	<b>9430406</b>
	1,5m H07RN-F 3G1,5 with safety plug (rubber) 16A 250V		<b>9430409</b>
	1,5m H07RN-F 5G1,5 with CEE-plug 16A 5p 400V		<b>9430429</b>
	1 x CEE-flanged plug 16A 5p 400V		<b>9430412</b>
 	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 	<b>9430402</b>
	1 x CEE-phase inverter flanged plug 16A 5p 400V		<b>9430452</b>
	1,5m H07RN-F 5G1,5 with CEE-plug 16A 5p 400V		<b>9430715</b>
	1,5m H07RN-F 5G1,5 with CEE-phase inverter plug 16A 5p 400V		<b>9430719</b>
 	1 x CEE-flanged plug 16A 5p 400V	3 x CEE-sockets 16A 5p 400V 	<b>9430411</b>
	1 x CEE-phase inverter flanged plug 16A 5p 400V		<b>9430453</b>
	1,5m H07RN-F 5G1,5 with CEE-plug 16A 5p 400V		<b>9430718</b>
	1,5m H07RN-F 5G1,5 with CEE-phase inverter plug 16A 5p 400V		<b>9430721</b>
 	1 x CEE-flanged plug 16A 3p 230V	3 x CEE-sockets 16A 3p 230V	<b>9430401</b>
	1,5m H07RN-F 3G1,5 with CEE-plug 16A 3p 230V		<b>9430155</b>
	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	<b>9430455</b>
	1,5m H07RN-F 5G1,5 with CEE-plug 16A 5p 400V	3 x CEE-sockets 16A 3p 230V	<b>9430439</b>

 ...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	<b>9430301*</b>
	1 x CEE-flanged plug 32A 3p 4h 110V	3 x CEE-sockets 32A 3p 4h 110V	<b>9437560*</b>
Symbolic picture	Entry	Outlet	Cat.No.
	1 x CEE-flanged plug 16A 4p 6h 400V	3 x CEE-sockets 16A 4p 6h 400V	<b>9430311*</b>
	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)	<b>9430050*</b>
	1,5m H07RN-F 4G1,5 with CEE-plug 16A 4p 6h 400V	3 x CEE-sockets 16A 4p 6h 400V	<b>9430343</b>
	1,5m H07RN-F 4G1,5 with CEE-plug 16A 4p 9h 250V	3 x CEE-sockets 16A 4p 9h 250V	<b>9430498</b>
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.)	<b>9430479</b>
	1 x CEE-flanged plug 16A 5p 6h 400V		<b>9430478</b>
	1 x CEE-flanged plug 16A 5p 6h 400V	1 x CEE-socket 16A 5p 6h 400V	<b>9430477</b>
	1,5m H07RN-F 5G1,5 with CEE-plug 16A 5p 6h 400V	2 x safety socket 16A 250V (French/Belgian.)	<b>9430476</b>
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	<b>9430024</b>
	1,5m H07RN-F 2 x 2,5 with plug 16A 2p 42V	3 x extra low voltage sockets 16A 2p 42V	<b>9430350v</b>
Symbolic picture	Entry	Outlet	Cat.No.
 <p>St. Anton 4f</p>	1,5m H07RN-F 5G4 with CEE-plug 32A 5p 6h 400V	3 x CEE-sockets 32A 5p 6h 400V	<b>9437113</b> 
	1 CEE-flanged plug 32A 5p 6h 400V		<b>9437413</b> 
	1,5m H07RN-F 5G4 with CEE-phase inverter plug 400V		<b>9437114</b>
	1 CEE-flanged plug phase inverter 32A 5p 400V		<b>9437454</b>

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

# Compact distribution boxes

## Series ST. ANTON 6F

### Series ST. ANTON 6F

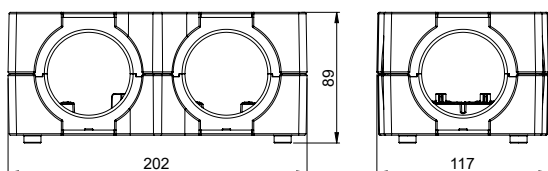


9439004

- **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!)

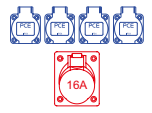

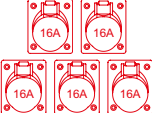

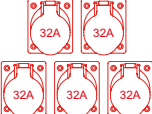

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,8	<b>9439002</b> 
			1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with plug 32A 5p 400V	InA 32A RDF 0,8	<b>9439006</b>
			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	<b>9439004</b> 
			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	<b>9439007</b>
			3		1 x RCD 40A/4/0.03A (TYPE A 25AT)		1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 0,8	<b>9439003</b>
		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	<b>9439500</b>
		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	<b>9439005</b>
		3			1 x RCD 63A/4/0.03A (TYPE A 40AT)		1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 1,0	<b>9439001</b>
				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	<b>9439061</b>

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	<b>9438002</b> 
			5			1 x CEE-flanged plug 16A 5p 400V	VS max.16A	<b>9438001</b> 
		5				1 x CEE-flanged plug 32A 5p 400V	VS max.32A	<b>9438413</b> 


### 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	<b>9439078</b>
				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	<b>9439079</b>
			1			1x AC-meter 3p (counter)	2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	VS max.16A	<b>9439075</b>
		1				1x AC-meter 3p (counter)	2m cable H07RN-F 5G6 with plug 32A 5p 400V	VS max.32A	<b>9439076</b>


### Series ST. ANTON 6F - incl. FI Typ A

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1		1 x RCD 40A/4/0.03A (TYPE A 25AT)		1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 1,0	<b>9439033</b>
		1			1 x RCD 63A/4/0.03A (TYPE A 40AT)		1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 1,0	<b>9439041</b>

### 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	<b>9439013</b>

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

 ...available on stock!

PCE






MADE IN AUSTRIA





# DISTRIBUTION BOXES WITH SUSPENSION HOOK

## MADE OF THERMOPLASTIC AND SOLID RUBBER

		Page
	<b>Pegasus</b> Dimensions: HxWxD = 220x140x140mm	<b>320</b>
	<b>Lofer7 Kombi</b> Dimensions: HxWxD = 225x204x284	<b>322</b>
	<b>Freistadt</b> Dimensions: HxWxD = 129x129x120mm	<b>323</b>

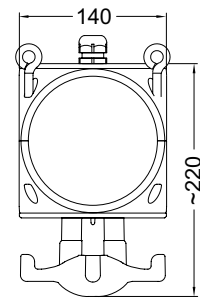


# Thermoplastic insulated distribution boxes – with suspension hook **Series PEGASUS**



## 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	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
	1	1	2			1 x M32 (ø18-25mm) top 1 x M25 (ø13-18mm) top 2 x VC-terminal 5p	max. 16A max. 32A	<b>9033002</b>
		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	<b>9033004</b>
		1	3			1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	max. 16A	<b>9033005</b> 
			4			1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	max. 16A	<b>9033007</b>
			4			1 x M20 (ø10-14mm) top 1 x VC-terminal 3p	max. 16A	<b>9033008</b> 
			8			1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	max. 16A	<b>9033006</b>
	2	2				1 x M32 (ø18-25mm) top 1 x M25 (ø13-18mm) top 2 x VC-terminal 5p	max. 16A max. 32A	<b>9033001</b>
		4				1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	max. 16A	<b>9033003</b>
<b>with data socket</b>								
		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	<b>9033550</b> + 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	<b>9033551</b> + 12k452-0e 9033-CATmont

VS = backup fuse

...available on stock!

Layout	CEE 400V 5p		SS 250V	with protection		Connection	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
	1	1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x M32 (ø18-25mm) top 1 x VC-terminal 5p	InA 32A RDF 0,5	<b>9033030</b>
		2	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x M32 (ø18-25mm) top 1 x VC-terminal 5p	InA 32A RDF 0,8	<b>9033031</b>
		1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x M32 (ø18-25mm) top 1 x VC-terminal 5p	InA 32A RDF 0,8	<b>9033032</b>
		2	2	1 x RCD 40A/4/0.03A (TYPE A 25AT)		1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	InA 16A RDF 0,9	<b>9033050</b>
		1	3	1 x RCD 40A/4/0.03A (TYPE A 25AT)		1 x M25 (ø13-18mm) top 1 x VC-terminal 5p	InA 16A RDF 0,5	<b>9033051</b>
			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	<b>9033052</b>
			3	1 x RCD 25A/2/0.03A (TYPE A 25AT)		1 x M20 (ø10-14mm) top 1 x VC-terminal 3p	InA 16A RDF 0,8	<b>9033053</b>
<b>distribution boxes with compressed air</b>								
		1	3			1 x M25 (ø13-18mm) top 1 x VC-terminal 5p 1 x compressed air double, size 7,2mm	VS max. 16A	<b>9033071</b>
			4			1 x M20 (ø10-14mm) top 1 x VC-terminal 3p 1 x compressed air double, size 7,2mm	VS max. 16A	<b>9033073</b>



**Data socket (yellow):**  
with lid  
2 x CAT 6<sub>A</sub> RJ45 module  
tool free cable installation  
(to be ordered separate)



9033012



**with compressed air:**

9033073



**Accessories for suspended version:**

- Pegasus suspension kit ( 4x)
- L=300mm

**9033-1**



# 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	<b>90992339</b>
		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	<b>90992341</b>
<b>distribution boxes with compressed air</b>								
	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	<b>90992342</b>


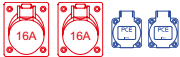

## Solid rubber distribution boxes – with suspension hook **Series FREISTADT**



### 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	<b>9848251</b>
		2	2			1 x M20 (ø10-14mm) top 1 x VC-terminal 5p	max. 16A	<b>9848250</b>
			4			1 x M20 (ø10-14mm) top 1 x VC-terminal 3p	max. 16A	<b>9848263</b>

# 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	InA RDF	Cat.No.
		16A	RCD	MCB			
<b>MURAU</b>		2	2x RCBO 6A 1p+N 30mA CTYP A		1 x M20 (top) 1 x M20 (blind cap) bottom	InA 16A RDF 0,8	<b>9013024</b>
<b>ANIF4</b>		3	3x RCBO 6A 1p+N 30mA CTYP A		1 x M20 (top) 1 x M20 (blind cap) bottom	InA 16A RDF 0,7	<b>9134248</b>
<b>PILA</b>		3	3x RCBO 6A 1p+N 30mA CTYP A		1 x M25 (ø13-18mm) bottom	InA 16A RDF 0,8	<b>9081330</b>

# eMobility

## Charging infrastructure

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

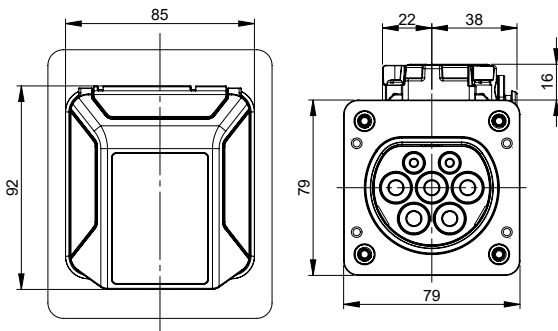
- DESIGN..... clear, modern design
- ERGONOMICS.. easy operation (one-hand)
- QUALITY ..... high quality materials, glass fiber reinforced lid
- SERVICE ..... all parts can be easily replaced
- ASSEMBLY..... various mounting options (front or rear panel mounting, different actuator positions)

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: <a href="http://www.pcelectric.at">www.pcelectric.at</a> )	
Charging power	22 kW AC 3~
Rated current $I_{nA}$	32A
Rated voltage $U_N$	480V AC
Cable cross section L1-L3, N, PE	2,5- 6,0 mm <sup>2</sup>
Cable cross section CP, PP	0,5 mm <sup>2</sup>
Actuator connection cable length	500 mm

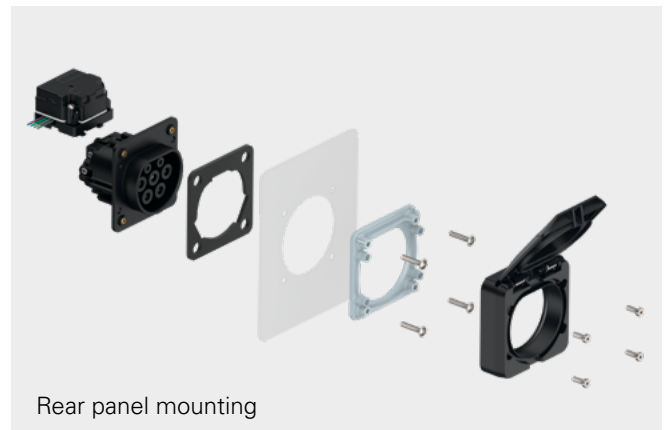


Front panel mounting  
 Rear panel mounting

Cat.No.

**e325-f**

**e325-r**



The communicative

## EV11.3 WALLBOX

phase switching via modbus TCP



The charging power of the **EV11.3 WALLBOX**, which can be controlled via Modbus TCP, including phase switching, ensures a wide power range (controllable by various building and load management systems). In addition to the adjustable charging current limitation, an external digital enable input and internal temperature monitoring, the charging station can also be equipped with a MID-compliant meter.



## EV11.3 WALLBOX

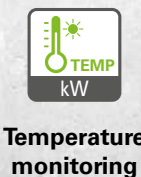
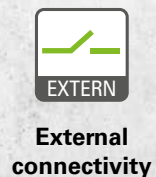
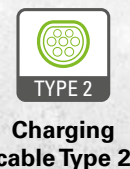
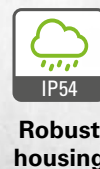
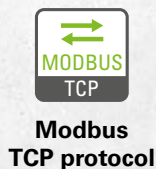
Charging station with  
Type 2 charging coupler

Current type AC 3-phase (AC 1-phase)  
Charging power adjustable up to 11 kW  
Charging mode 3

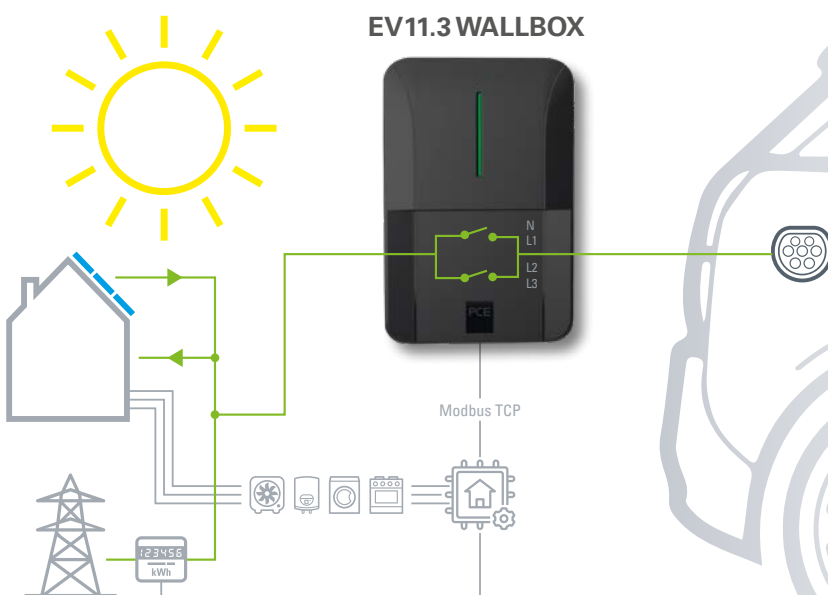
Dimensions (WxDxH): 262 x 126 x 395mm

Cat.No. **37031110-ss**  
**37031111-ss** with energy meter

- **weatherproof, robust housing** (IP54) suitable for outdoor use
- **up to 11kW charging power**
- **charging cable 5m**
- **phase switching via modbus TCP**
- **integrated DC fault current sensor**
- **external digital enable input**
- **internal temperature monitoring**
- **LED indicator**
- **energy meter MID compliant** (optional)

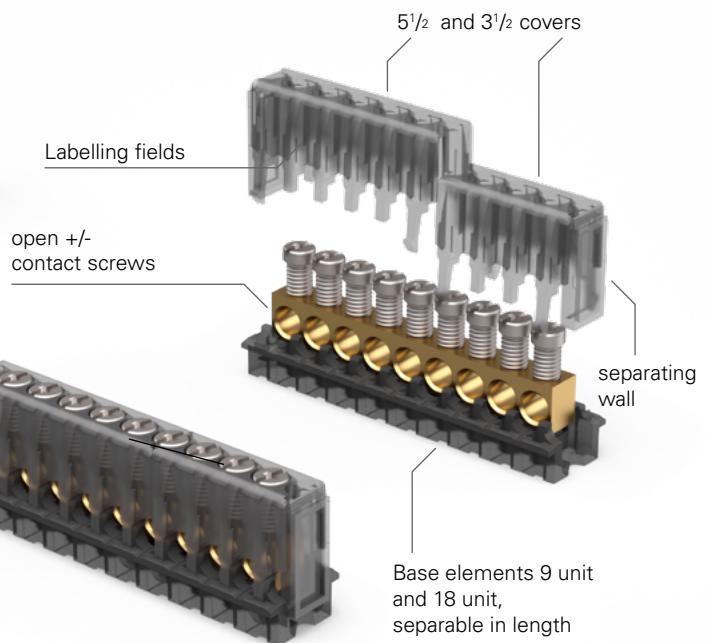
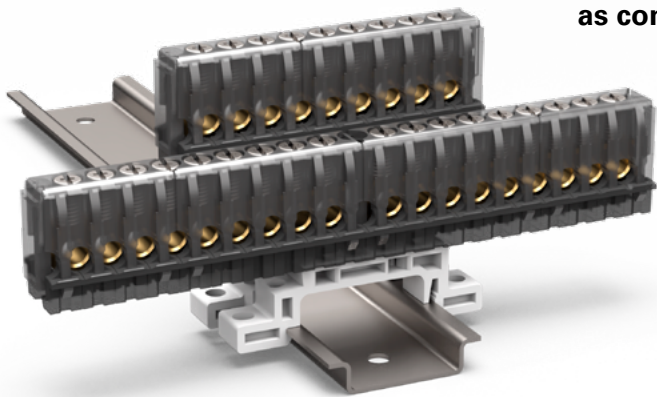


You can find detailed, up-to-date information in the folder „PCE eMobility charging infrastructure“ and at: [www.pcelectric.at](http://www.pcelectric.at)



# Vario Connector – variable connector block

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

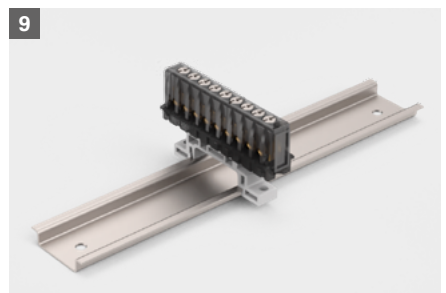
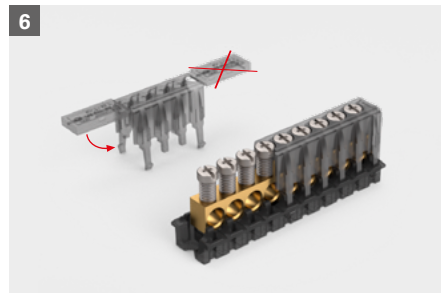
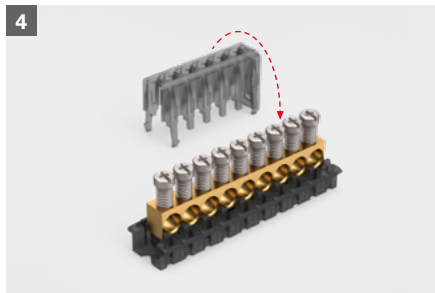
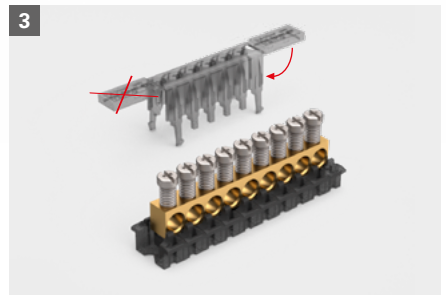
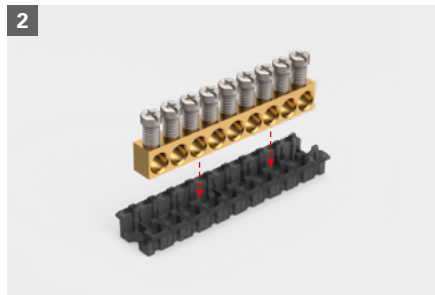
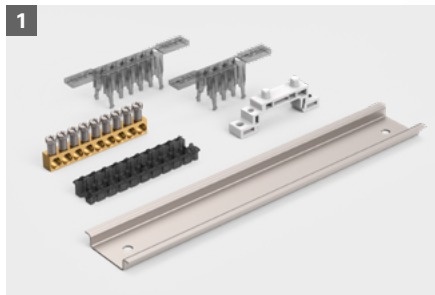


## Advantages:

- modular construction
- connection of various potentials
- variable fixing possibilities
- EN 60998-2-1
- connection 1,5mm<sup>2</sup> to 10mm<sup>2</sup>
- isolation voltage 450V
- ambient temperature: T85/-25°C
- IP20

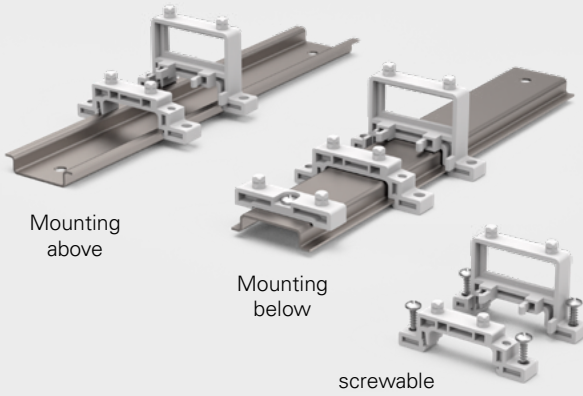
ÖVE

## Vario Connector - example with basis 9:

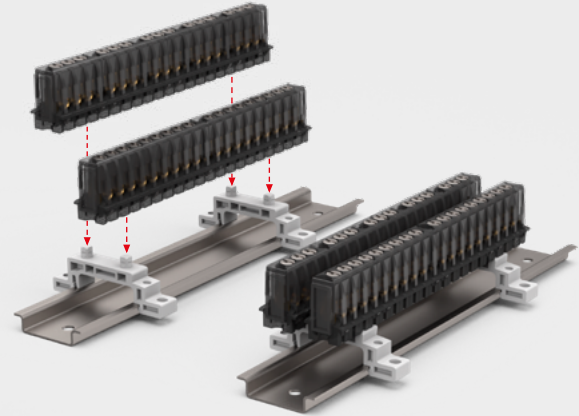


# Vario Connector – mounting possibilities

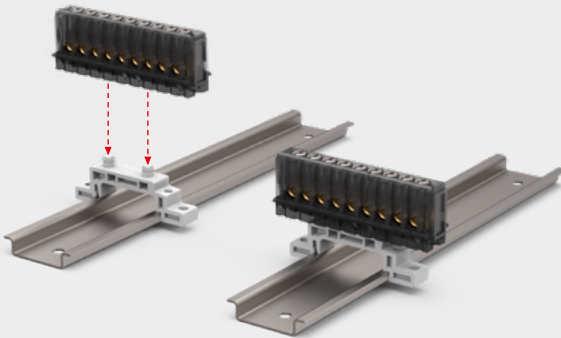
## Receptors for DIN-rail 35mm



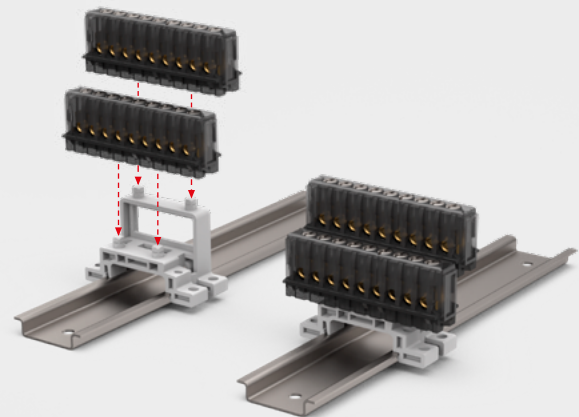
## Length-wise assembly on DIN-rail 35mm



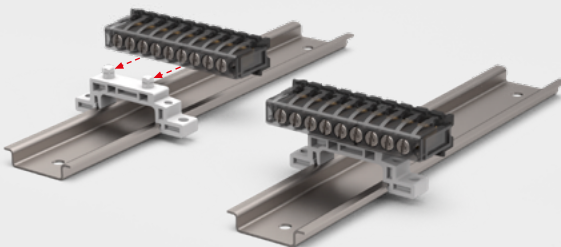
## Cross-wise assembly on DIN-rail 35mm



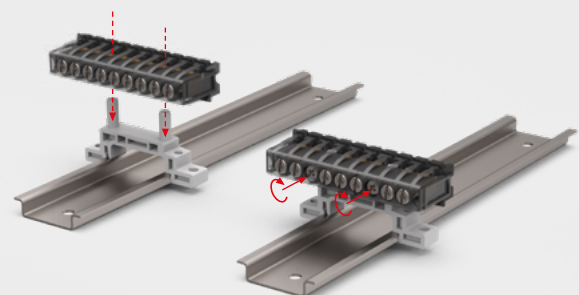
## Cross-wise assembly - 2<sup>nd</sup> row raised



## Horizontal mounting - plugged



## Horizontal mounting - screwed



## Vario Connector examples of application:

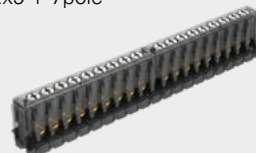
3x3 + 7pole



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**



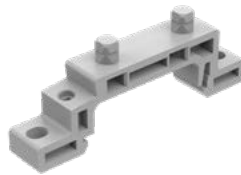
Terminal VC Bar Rail 9p  
**171409-20**

## Holder

packaging unit: 50



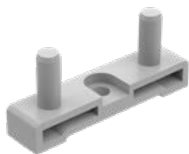
Terminal VC Holder Snap 7  
**667307-50**



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**

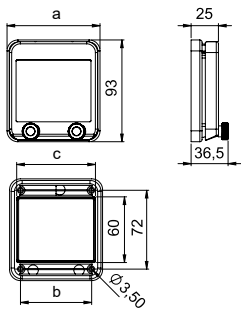


# Hinged windows – fuse window IP66/67



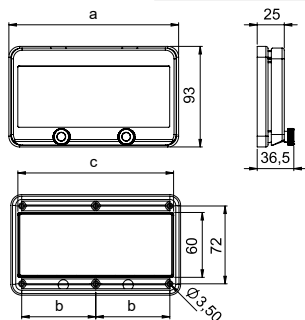
### Technical characteristics:

- 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



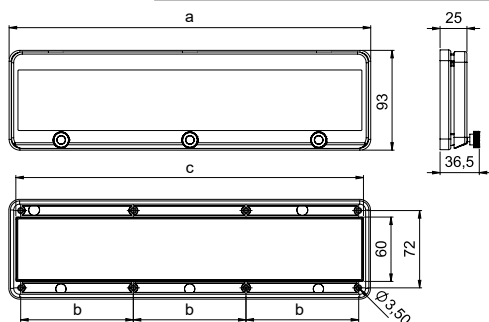
### Hinged window 2 / 4 modules

	a [mm]	b [mm]	c [mm]	Weight [g]	pack.unit	Cat.No.
2 Modules	49	27	36	51	40	<b>900602</b>
4 Modules	85	65	72	80	20	<b>900604</b>



### 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	<b>900605</b>
6 Modules	121	50,5	108	102	15	<b>900606</b>
7 Modules	139	59,5	126	114	15	<b>900607</b>
8 Modules	157	68,5	144	126	15	<b>900608</b>
9 Modules	175	77,5	162	133	15	<b>900609</b>
10 Modules	193	86,5	180	145	15	<b>900610</b>
12 Modules	229	104,5	216	168	10	<b>900612</b>
13 Modules	247	113,5	234	180	10	<b>900613</b>



### Hinged window 18 modules

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

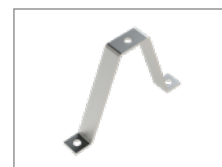
### Accessories for hinged windows IP66/67:

Locking- and lead-sealing device  
(usable from 4 modules)  
for padlock (40 mm)

Mounting clamp for DIN-rail  
(for front cover mounting)  
H=53 mm



ts9000g



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

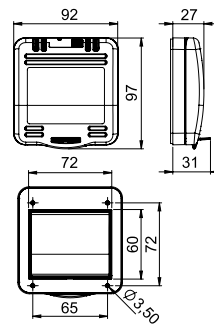


window handle **ti0207**



## Hinged window 4 modules

	Weight [g]	pack.unit	Cat.No.
4 Modules	97	30	<b>9006504</b>



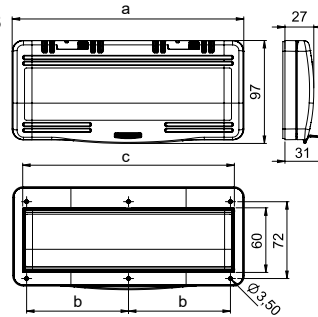
Delivery: incl. window holder (standard colour: black)  
Also possible to order separately



**ti0007s**

## Hinged window 6 / 7 / 8 / 9 / 10 / 11 / 12 modules

	a [mm]	b [mm]	c [mm]	Weight [g]	pack.unit	Cat.No.
6 Modules	128	51	108	127	20	<b>9006506</b>
7 Modules	139	59,5	126	146	15	<b>9006507</b>
8 Modules	164	69	144	155	15	<b>9006508</b>
9 Modules	182	78	162	166	15	<b>9006509</b>
10 Modules	200	87	180	181	10	<b>9006510</b>
11 Modules	218	96	198	198	10	<b>9006511</b>
12 Modules	236	105	216	207	10	<b>9006512</b>



**Examples of use for window holder:**



for fit-up aid



receptacle- padlock



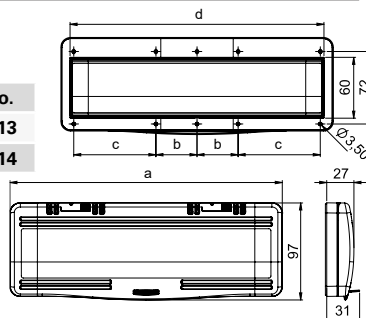
window holder for service works 90°



window holder for service works 180°

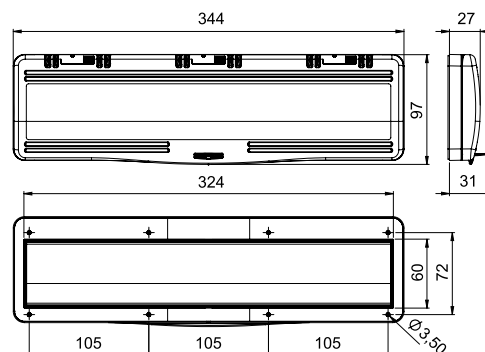
## Hinged window 13 / 14 modules

	a [mm]	b [mm]	c [mm]	d [mm]	Weight [g]	pack.unit	Cat.No.
13 Modules	253	41	73	233	223	10	<b>9006513</b>
14 Modules	272	41	82	252	232	10	<b>9006514</b>



## Hinged window 18 modules

	Weight [g]	pack.unit	Cat.No.
18 Modules	299	10	<b>9006518</b>





PCE








200 1000





# ENERGY PILLARS MADE OF METAL

		Page
	<b>Energy pillars</b> Series PILA	<b>336</b>
	<b>MOSER Systemelektrik</b> Garden- and gate intercom columns, office connection technology, industrial supply columns	<b>340</b>
	<b>Stainless steel distributors</b> Surface-mounted, flush-mounted	<b>344</b>
	<b>Energy bollards</b> Typ E III, Typ E VI	<b>345</b>
	<b>Underground connection</b> TerraMo, Series SE, Series SEK	<b>346</b>






## PILA<sup>1</sup> Energy pillars

### ■ Energy pillars, made out of metal with integrated, closed distribution boxes and protection class II

#### ■ Fields of application

- Industry and commerce
- Public places, parks, event locations
- Industrial buildings and halls
- Camping sites and marina
- and many more ...

#### ■ Advantages

- Metal construction (stable, long lasting, robust)
- Simple mounting and installation
- **EPS** ENCLOSURE PROTECTION SYSTEM – electrical components are perfectly protected in a closed distribution box!
- Individual configuration (power, network, compressed air, water,...)
- Pillar ready wired and tested.
-  protection class II
- Ingress protection: IP54



Certified steel pillars acc. EN 61439-7. Low-voltage switchgear and controlgear assemblies for specific applications such as marinas, camping sites, market squares and electrical vehicles charging stations.



# PILA<sup>1</sup> Energy pillars – steel sheet metal


## ■ Pillar: Steel sheet powder coated

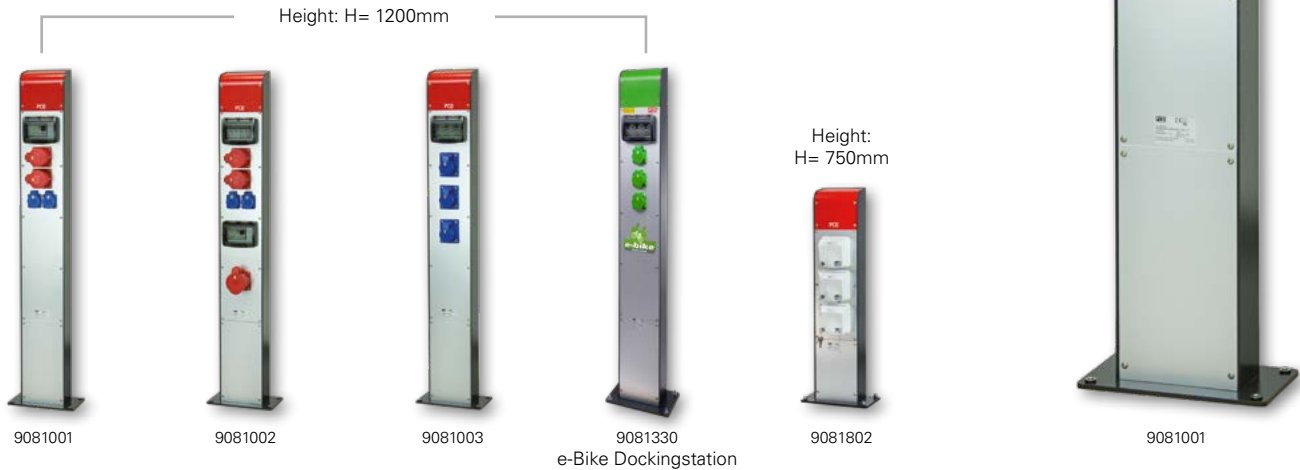
- Steel sheet construction powder coated
- Front plate removable, anodized aluminium
- Individual configuration

### Technical data pillar:

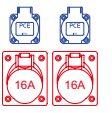
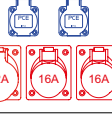
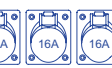

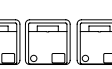
- Dimensions: (H x W x D) 750/1200 x 165 x 85 mm
- Stand: 250 x 150 mm
- Colour: Housing grey (RAL 7016 powder coated)  
Top cover red (RAL 3000 powder coated)  
Front plate: aluminium silver anodized

### 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)



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	<b>9081001</b>
	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	<b>9081002</b>
			3		3 x RCBO 16A 1p+N 0,03A C		1 x M25 (ø13-18mm) bottom	InA 16A RDF 0,8	<b>9081003</b>
				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	<b>9081330</b>
		1		2			1 x M25 (ø13-18mm) bottom design socket, lockable	VS max.16A	<b>9081802</b>

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

## PILA<sup>1</sup> Energy pillars


### ■ Pillar: Stainless steel or sheet metal powder coated

- Pillar made out of V2A stainless steel or steel sheet powder coated
- Individual heights possible

#### Technical data pillar:

- Dimensions: (H x W x D) 1200 x 248 x 107 mm
- Stand fixing center: 330 x 295 mm
- Other versions on request

#### Technical data distribution box (integrated):

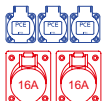
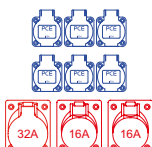
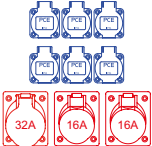
- Rubber distribution box
- Ready wired on main terminal
- Fuse window self closing
-  protection class II
- Ingress protection: IP54 (others in request)



**EPS**  
ENCLOSURE  
PROTECTION  
SYSTEM  
**IP54**

Height: H= 1200mm

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		SS 250V	Protection		Connection	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
		2	3	1 x RCD 40A/4/0.03A (TYP A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	1 x M32 (ø18-25mm) bottom  Column made out of steel sheet metal, powder coated (RAL 7016)	InA 25A RDF 0,7	<b>9082002</b>
	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	<b>9082001</b>
	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  <b>Column made out of stainless steel V2A</b>	InA 50A RDF 0,5	<b>9082003</b>

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](http://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](http://www.pcelectric.at))



# Garden- and gate intercom columns



## Garden supply tower MS10

The garden supply tower for outside, comprising a closed aluminium profile with lid. A protective-conductor terminal with equipotential bonding is integrated for the electrical connection. The supply towers can be equipped with all common standard devices.

### Technical data:

Dimension: 100 x 50 x 300/500/1150 mm, IP44

Material, colour: aluminium profile, silver anodized (RAL colours upon request)

Examples:	Cat.No.
MS10, 100x50x300, IP44, unequipped, incl. stand	<b>50300027</b>
MS10, 100x50x500, IP44, unequipped, incl. stand	<b>50500045</b>
MS10, 100x50x300, IP44, incl. 2 sockets and stand	<b>50307056</b>
MS10, 100x50x500, IP44, incl. 2 sockets and stand	<b>50507021</b>



## 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	<b>61407322</b>
MS18, 180x100x1400, IP44, unequipped, incl. stand and LED lid	<b>71407323</b>



## 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	<b>80800072</b>



## 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	<b>51400254</b>
MSR20, Ø200x1400, IP44, unequipped, incl. stand and LED lid	<b>61400255</b>



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:	<b>1</b> MS10: 100 x 50 x 300/500 mm	IP-rating: IPX0
	<b>2</b> MSR12: Ø120 x 300/500 mm	Material: aluminium
	<b>3</b> MS15: 150 x 100 x 300/500 mm	Color: silver anodized
	<b>4</b> 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:	<b>1</b> MS10: 100 x 50 x 2700 mm
	<b>2</b> 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

40800104

41000202



Example:	Cat.No.
MS18, window 10 units, 2x safety sockets protected with 2xMCB 16A 1p C, 1xC EE 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, 1xC EE 16A 5p 400V protected with 1xMCB 16A 3p C, 1xC EE 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 2,5-40mm <sup>2</sup> WxHxD 400x530x220mm	max.40A	<b>620000000</b>



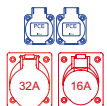
## Flush-mounted distributor

- 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	<b>621010003</b>

## Stainless steel energy bollards



Floor adapter for embedding in concrete optionally available

Bollards are usually used as access restrictions for exposed locations. Our stainless steel bollards combine this function with an intelligent power supply.

- floor mounting with flange plate
- incl. socket outlet distributor
- door incl. profile half cylinder
- Equipped with water supply unit and pipe trace heating optionally possible

### Technical data:

diameter: 330 mm or 450mm  
 height: 650/850/1050/1280/1400 mm  
 material: V2A stainless steel or V4A stainless steel  
 IP-rating: IP44

**Individual equipment and heights on request!**  
**Individual coatings (RAL/DB) on request!**



## Market place distributors

The Market-place distributors of corrosion-resistant steel are the solution for market and festival places in case a supply from the ground is not desired or not possible. By the precious stainless steel finish, the Market-place distributors optimally fit into the general view. Especially in modern designed market- and festival places it is useful to offer these supply units.

- integrated base with internal fixing points
- removable cover
- cable outlet for use in closed condition
- lockable door (equipped with bar lock)

### Technical data:

dimensions: 465 x 1200 x 360 mm  
 790 x 1610 x 360 mm  
 1100 x 1610 x 480 mm  
 material thickness: 1,5–4mm  
 IP-rating: IP44

**Individual equipment and heights on request!**  
**Individual coatings (RAL/DB) on request!**



# Underground connection

## Underground connection with lid SEK20



Made of robust stainless steel for flush floor installation indoors or outdoors.

- hinged lid with chequer plate surface
- recessed lock prevents misuse by third parties
- unequipped or incl. CEE connector IP67/68 with approx. 2m flexible cable
- decentralised protection of the coupling via supply line
- load capacity of the lid 25t (acc. DIN EN 124 – C250)
- on-site drainage required

Housing dimensions (LxWxD): 200x200x400mm  
Lid dimensions (LxW): 190x190mm

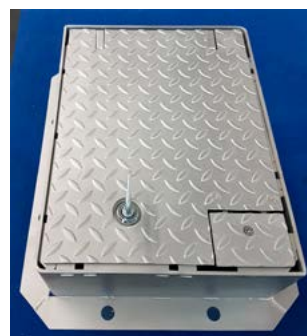


## Underground connection with lid SEK30

Underfloor housing made of robust stainless steel with solid rubber distributor for flush floor installation indoors or outdoors.

- hinged lid with chequer plate surface
- recessed lock prevents misuse by third parties
- equipped with solid rubber distributor IP68 (mounted on the ground); distributor can optionally be encapsulated with casting resin after installation
- decentralised protection of the coupling via supply line
- load capacity of the lid 12,5t (acc. DIN EN 124 – B125)
- on-site drainage required

Housing dimensions (LxWxD): 480x380x420mm  
Lid dimensions (LxW): 400x300mm



# Retractable connection technology

## Underground connection: TerraMo

Modern underground system for power supply in- and outdoors. The field of application ranges from shopping malls, offices, congress centers, fair grounds as well as market places, private homes and parking lots.

### Technical data:

IP-rating:	IP 44
Total weight:	11 kg
Dimensions (HxWxD):	303x390x310 mm
Install. depth, extendible height:	303 mm, 136 mm
Load capacity of cover:	support weight of car
Heater:	20W switch cabinet heater
Lifting mechanism:	gas pressure spring
Drainage connection:	1 DN 40



Example:	Cat.No.
TerraMo, 2x safety socket 16A 250V	502010001
TerraMo, window 4 units, 1xCEE 16A 5p 400V, 2x safety socket, RCBO 16/0,03A 4p-C	502010005

## Underground connection: series SE

Retractable, freely accessible for vehicles, electrical connections and distribution columns for open areas and halls for groundflush installation in compliance with VDE regulations, comprising:

Concrete pit with integrated drainage, cable feed-throughs and cable terminal boxes, corrosion-proof aluminium pit insert, supply tower with pit cover of cast aluminium suitable for paving, electrical device modules and hand crank.

Options: Water supply or other energy sources

### Technical data: (general)

IP-rating:	IP 44 (IP67)
Protection degree:	Earth conductor, protection class 1
Rated power:	up to 130 kW
Load capacity of cover:	up to 40t

**Please ask for detailed technical documentation!**



## Underground connection with lid: series SEK

The new Moser underground connection with hinged lid made out of stainless steel are the perfect supply possibility for areas in- and outdoors. Once the lid is closed, the unit is almost invisible and protected against vandalism. The integrated full rubber distribution box can be equipped individually. The flexible use of space and the invisible storage of power supply, even in small areas, fit perfectly in every townscape.

Options: Cable exit (lid can stay closed during operation)  
Water supply or other energy sources

### Technical data: (general)

IP-rating: (distribution box)	IP 54 (others on request)
Load capacity of lid:	selectable 1,5t, 12,5t and 40t



**Please ask for detailed technical documentation and individual equipment!**



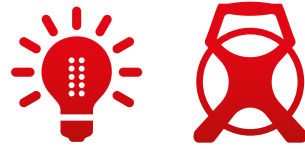
**PCE**







**PCE MA40 LED**

**XREEL 300**  
www.XREEL.eu

**PCE**



## LED WORK LIGHTS / CABLE REELS

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# LED lights pro - Handlights / Headlight



**450**  
Lumen

Size comparison

## LED Mini-worklight Penlight P450

Extremely bright worklight in compact mini format, **boost-function** (450 lm), magnet on the back and bottom, belt clip, sturdy aluminum housing

<b>Switching functions</b>	100%	30%	Boost
<b>Luminous flux</b>	300 lm	100 lm	450 lm
<b>Light duration (approx.)</b>	1,5 h	3 h	≈1 min.
Battery pack (integrated)	Li-Po 3,7V / 600mAh / 2,22 Wh		
Charging possibility	USB Type-C		
Protection class / protection	IPX3 / IK07		
Accessories incl.	cable USB Type-A → USB Type-C (≈80cm)		
Weight	43g		
Dimensions (WxHxD)	88 x 21 x 12 mm		



**720450**



**800**  
Lumen



SENSOR

## LED Headlight S800

Powerful, with **sensor function** for touch-free switching on and off, 36° swivelling, non-slip headband (adjustable), additionally with red LED

<b>Switching functions</b>	LED spot	LED flood	LED red
<b>2 steps (+ stepless)</b>	100% / 40%	100% / 40%	100%
<b>Luminous flux (single)</b>	500 / 200 lm	500 / 200 lm	5 lm
<b>Light duration (single)</b>	3 h / 8 h	3 h / 8 h	30 h
<b>Luminous flux (spot+flood)</b>	800 lm		
<b>Light duration (spot+flood)</b>	2 h		
Battery pack (integrated)	Li-Ion 3,7V / 2000mAh / 7,4 Wh		
Charging possibility	USB Type-C		
Protection class / protection	IPX6 / IK07		
Accessories incl.	cable USB Type-A → USB Type-C (≈100cm)		
Weight	126g		
Dimensions (WxHxD)	82 x 43 x 45 mm		



**720800**



**2800**  
Lumen

## LED Floodlight A2800

Powerful worklight with **powerbank function**, 180° rotatable joint incl. magnet, fold-out hook (360° rotatable) rubberised rim, incl. charge control and remaining capacity display

<b>Switching functions</b>	100%	50%	25%
<b>Luminous flux</b>	2800 lm	1400 lm	700 lm
<b>Light duration (approx.)</b>	3 h	7 h	13 h
Battery pack (integrated)	Li-Ion 3,7V / 6600mAh / 24,42 Wh		
Charging possibility	USB Type-C		
Protection class / protection	IP64 / IK08		
Accessories incl.	cable USB Type-A → USB Type-C (≈100cm)		
Weight	685g		
Dimensions (WxHxD)	178 x 125 x 46 mm		



**7202800**



## LED Handlight H500

Compact handlight with **powerbank function**, stand can be swivelled 180°, magnet on the bottom of the light, suspension hook, belt clip, dimmable, mains failure electronics (**emergency light function**)

<b>Switching functions</b>	main-LED 4W	top-LED 2W
<b>Dimming wheel (stepless)</b>	10% - 100%	-
<b>Luminous flux</b>	50 - 500 lm	180 lm
<b>Light duration (approx.)</b>	3,5 - 26 h	4 h
Battery pack (integrated)	Li-Po 3,7V / 1800mAh / 6,66 Wh	
Charging possibility	USB Type-C, docking station	
Protection class / protection	IP54 / IK07	
Accessories incl.	cable USB Type-A → USB Type-C (≈100cm)	
Weight	237g	
Dimensions (WxHxD)	131 x 65 x 40 mm	



720500

**500**  
Lumen

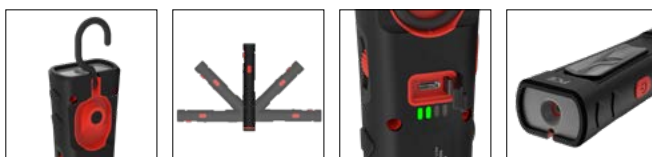


Compatible with H1000 charging station (not included with H500)

## LED Handlight H1000

Powerful flashlight incl. docking station, base can be swivelled 180° and rotated 360°, magnets on the bottom and back (2x), suspension hook, dimmable, mains failure electronics (**emergency light function**), incl. docking station with USB-connector

<b>Switching functions</b>	main-LED 10W	top-LED 2W
<b>Dimming wheel (stepless)</b>	10% - 100%	-
<b>Luminous flux</b>	60 - 1000 lm	180 lm
<b>Light duration (approx.)</b>	3,25 - 46 h	9,25 h
Battery pack (integrated)	Li-Ion 3,7V / 5000mAh / 18,5 Wh	
Charging possibility	USB Type-C, docking station	
Protection class / protection	IP54 / IK07	
Accessories incl.	cable USB Type-A → USB Type-C (≈100cm) docking station (for H500 and H1000)	
Weight	426g (lamp), 272g (docking station)	
Dimensions (WxHxD)	256 x 58 x 38 mm (lamp) 103 x 113 x 76 mm (docking station)	



7201000

**1000**  
Lumen



inclusive docking station (also suitable for H500)



# LED Hand lamps



## 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

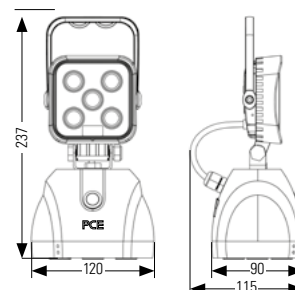
### Inclusive accessories:



Charger  
230 VAC, 50/60 Hz



Car charger  
12-24V DC



# Mobile work lights

## PCE mini LED

Power/Voltage: 40W / 220-240V~ (50-60Hz)  
 Luminous flux: 5600 lm / luminous color 5000 Kelvin  
 Dimensions: (BxHxT): 213 x 410 x 145mm  
 Cable: 5m H07RN-F 3G1,5 with safety plug  
 Housing / color: 2-component plastic/rubber (2K) / red-black  
 IP rating: **IP54**

Incl. switch (ON/OFF) and additional **safety socket** (max. 3kW) with lid on the side.

**4303020**



## PCE mini LED safety

**incl. rechargeable battery for emergency light**  
 (approx. 90 minutes)  
 Technical data in mains operation as 4303020,  
 in emergency lighting mode approx. 1200 lm.

**4303025**



## PCE maxi LED

Power/Voltage: 108W / 220-240V~ (50-60Hz)  
 Luminous flux: 10600 lm / luminous color 5000 Kelvin  
 Dimensions: (BxHxT): 378 x 505 x 165mm  
 Cable: 5m H07RN-F 3G1,5 with safety plug  
 Housing / color: 2-component plastic/rubber (2K) / red-black  
 IP rating: **IP54**

Incl. 2 pcs. safety socket with lid (backside) and ON/OFF switch

**4307520**



## PCE maxi LED safety

**incl. rechargeable battery for emergency light**  
 (approx. 60 minutes)  
 Technical data in mains operation as 4307520,  
 in emergency lighting mode approx. 2200 lm.

**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

### Tripod adapter quadruple

for mounting of work lights  
 (4 pcs. PCE mini LED / standard LED / maxi LED), adjustable gradient of lights (snap-fit) complete with KlickFix fastening system, incl. TV-centering pivo (Ø 28 mm) for tripod



Example of use:  
 Tripod adapter quadruple with 4x PCE maxi LED, lightning current = 4 x 7270 Lumen

4304019



### Elevating tripod (3-pcs.) 3,8m

incl. mounted TV-centering pivo Ø 28 mm (L=11,5cm, M10)  
 full height approx. 3,8 m, max. load: 50kg  
 Dimensions (folded): 260 x 185 x 1950 mm

1410000310



### Stand tripod (3-pcs.)

Solid, simple tripod (3-pieces)  
 Zinc coated metal with handle  
 Height adjustable up to 2,75m

70015



### Stand tripod (3-pcs.) with wheels

Identical to Cat.No. 70015 but incl. 3 rotatable, removable wheels (Ø50mm, one wheel with stop function)

70019





**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

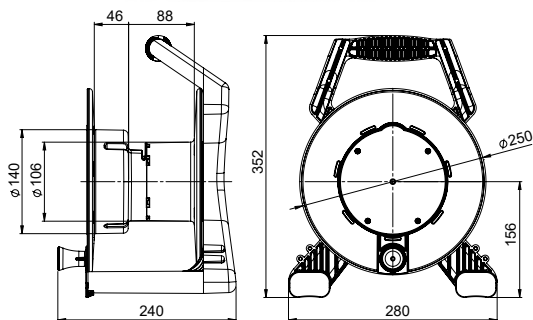
**Brake system**  
centric placed in spindle

**Plug parking spaces**  
for safe storage of the plug

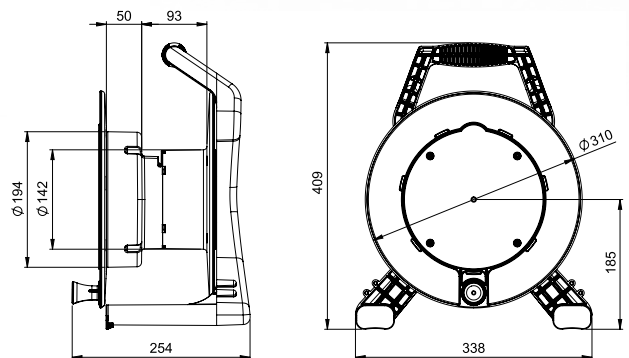
**Reliable stand**  
due to wide supporting points



**XREEL® 250**



**XREEL® 310**



# XREEL® 250



## Cable reel made of special plastics Ø250mm

Stable carrying rack with ergonomic handle made of extremely durable plastic, central brake mechanism as well as 2 parking positions for the plug.

### Equipment:

- 4 x safety sockets with shutter 16A 250V
- Thermal protection, power indicator light and safety plug (rubber) with dual earthing system

IP20

Cable type	Cable length	Cat.No.
<b>H05RR-F 3G1,5</b> rubber sheated cable Cable color black ■	25m	<b>9250005-p</b>
<b>H05VV-F 3G1,5</b> PVC-sheated cable Cable color black ■	25m	<b>9250002-p</b>



### 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	<b>9250006-p</b>	-
25m	<b>9250007-p*</b>	-
33m	<b>9250024-p</b>	-
Cable length	H05VV-F PVC-sheated cable - cable color black ■	
	3G1,5	3G2,5
25m	<b>9250004-p</b>	-
33m	<b>9250023-p</b>	-
Cable length	H07RN-F rubber sheated cable - cable color black ■	
	3G1,5	3G2,5
25m	<b>9250013-p</b>	<b>9250029-p</b>
25m	-	<b>9250025-p*</b>
Cable length	N07V3V3-F PVE building site cable K35 - cable color yellow ■	
	3G1,5	3G2,5
25m	<b>9250156-p</b>	<b>9250016-p</b>

*Cable type N07V3V3-F can only be used in Austria on building sites. (National regulations have to be observed!)*



## Empty cable reel made of special plastics Ø250mm

Stable carrying rack with ergonomic handle made of extremely durable plastic, central brake mechanism as well as 2 parking positions for the plug.

Empty reel with crank, cable entry and strain relief

Description	Cat.No.
<b>Empty reel</b> (without central panel), color: black	<b>9250998-p</b>
<b>Blind cover</b> (undrilled, unequipped), color: black	<b>925001</b>
<b>Central panel 4xSSD</b> 4x safety socket IP54 incl. thermal protection and operation display, ready wired on main terminal	<b>925004</b>
<b>Central panel 3xSSD</b> 3x safety socket IP54 individually replaceable, incl. thermal protection, ready wired on main terminal	<b>925006</b>



## 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)

Cable length	H07RN-F rubber sheathed cable - Cable color black <span style="float:right">K2 ■</span>	
	3G1,5	3G2,5
25m	9250012-p	9250034-p
25m	9250001-p*	-
33m	9250022-p	-
Cable length	H07BQ-F polyurethane cable - Cable color orange <span style="float:right">K2 ■</span>	
	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 <span style="float:right">■</span>	
	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

Cable type	Cable length	Cat.No.
H07RN-F 3G2,5 rubber sheathed cable Cable color black	25m	9250008-p

#### Equipment:

- 3 x sockets 13A 250V british system IP54
- Thermal circuit breaker and plug 13A 2p+PE british system IP32

Cable type	Cable length	Cat.No.
H07RN-F 3G1,5 rubber sheathed cable Cable color black	25m	9250009-p

#### Equipment:

- 1 x CEE-socket 16A 3p 6h 230V
- 1 x safety socket with sealing bulge and self-closing hinged lid 16A 250V
- Thermal circuit breaker and CEE plug 16A 3p 6h 230V

Cable type	Cable length	Cat.No.
H07RN-F 3G2,5 rubber sheathed cable Cable color black <span style="float:right">K2</span>	20m	9250035-p



# XREEL® 310

## Cable reel made of special plastics Ø310mm


Stable carrying rack with ergonomic handle made of extremely durable plastic, central brake mechanism as well as 2 parking positions for the plug. **IP54**




### Equipment:

- 4 x safety sockets (individual replaceable), sealing bulge and self-closing hinged lids 16A 250V
- Thermal protection, power indicator light and safety plug (solid rubber) with dual earthing system




Cable length	H07RN-F rubber sheathed cable - Cable color black  ■	
	3G1,5	3G2,5
25m	9350150-p	9350142-p
30m	9350132-p	9350167-p
40m	9350015-p	9350202-p
50m	9350160-p	9350163-p



Cable length	H07BQ-F Polyurethane cable - Cable color orange  ■	
	3G1,5	3G2,5
25m	9350145-p	9350159-p
30m	9350147-p	9350196-p
40m	9350146-p	9350162-p
50m	9350151-p	9350009-p



Cable length	N07V3V3-F PVC building site cable K35 - Cable color yellow  ■	
	3G1,5	3G2,5
25m	9350156-p	9350154-p
30m	9350153-p	9350165-p
40m	9350164-p	9350157-p
50m	9350161-p	9350155-p

*Cable type N07V3V3-F can only be used in Austria on building sites.  
(National regulations have to be observed!)*



### Empty reel 310

with central panel, 4x safety sockets with hinged lids, thermal protection and power indicator light, ready wired on main terminal, color: black (without cable and plug)

8935097-p

### Max. cable length [m] XREEL® 250 / 310

XREEL® 250 / 310	H05VV-F	H05RR-F	H07RN-F	N07V3V3-F	H07BQ-F
3G1,5	33 / 60	33 / 60	33 / 60	33 / 60	33 / 60
3G2,5	25 / 50	25 / 50	25 / 50	25 / 50	25 / 50
5G2,5	- / -	- / 33	- / 33	- / 33	- / 33

# XREEL® 310

## Cable reel made of special plastics Ø310mm

Stable carrying rack with ergonomic handle made of extremely durable plastic, central brake mechanism as well as 2 parking positions for the plug. **IP54**

### Equipment:

- 1 x CEE socket 16A 5p 400V, 3x safety sockets (individually replaceable), sealing bulge and self-closing hinged lids 16A 250V
- Thermal protection 3p and CEE-plug 16A 5p 400V

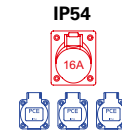
Cable type		Cable length	Cat.No.
<b>H07RN-F 5G2,5</b> rubber sheathed cable Cable color black	K2 ■	25m	<b>9350235-p</b>
		33m	<b>9350042-p</b>
<b>H07BQ-F 5G2,5</b> polyurethane cable Cable color orange	K2 ■	25m	<b>9350189-p</b>
		30m	<b>9350008-p</b>
<b>N07V3V3-F 5G2,5</b> PVC building site cable K35 Cable color yellow	■	25m	<b>9350180-p</b>
		30m	<b>9350193-p</b>

*Cable type N07V3V3-F can only be used in Austria on building sites.  
(National regulations have to be observed!)*

### Empty reel 310

with central panel, 1x CEE socket 16A 5p 400V, 3x safety sockets with hinged lids, thermal protection 3p, ready wired on main terminal, color: black

**8935096-p**

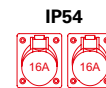


### Equipment:

- 2 x CEE sockets 16A 5p 400V
- Thermal protection and CEE-plug 16A 5p 400V

Cable type		Cable length	Cat.No.
<b>H07RN-F 5G2,5</b> rubber sheathed cable Cable color black	K2 ■	25m	<b>9350245-p</b>
		30m	<b>9350022-p</b>
<b>N07V3V3-F 5G2,5</b> PVC building site cable K35 Cable color yellow	■	25m	<b>9350290-p</b>

*Cable type N07V3V3-F can only be used in Austria on building sites.  
(National regulations have to be observed!)*



### Bestückung:

- 4 x safety sockets 16A 250V **IP68 (watertight)**
- Thermal protection and safety plug 16A 250V **IP68**

Cable type		Cable length	Cat.No.
<b>H07RN-F 3G2,5</b> rubber sheathed cable Cable color black	K2 ■	25m	<b>9350017-p</b>
		25m	<b>9350005-p</b>
<b>H07BQ-F 3G2,5</b> polyurethane cable Cable color orange	K2 ■	50m	<b>9350212-p</b>
		25m	<b>9350004-p</b>
<b>N07V3V3-F 3G2,5</b> PVC building site cable K35 Cable color yellow	■	25m	<b>9350004-p</b>

*Cable type N07V3V3-F can only be used in Austria on building sites.  
(National regulations have to be observed!)*



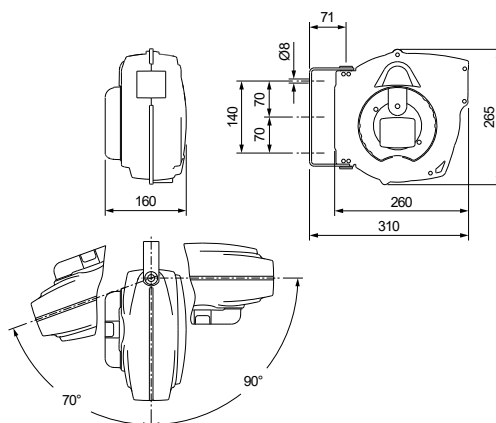
## Cable revider / hose revider



### Cable revider 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



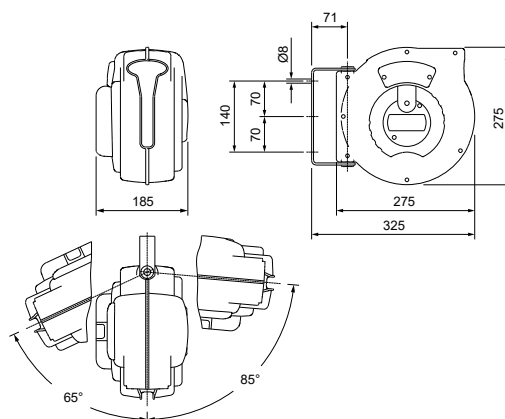
42170



### Cable revider 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



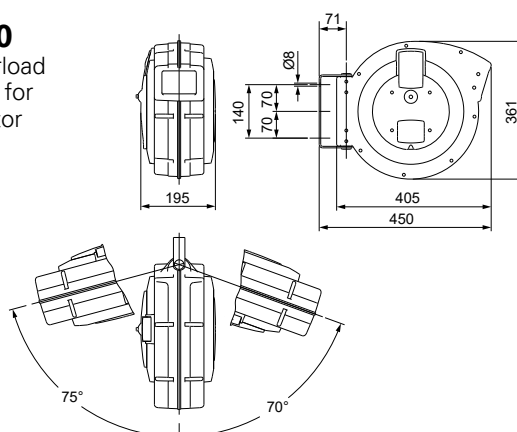
42174



### Cable revider 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

# 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	<b>H07RN-F</b> rubber sheathed cable <b>5G2,5</b>	16A 5p 400V	<b>825525114v</b>
25m	<b>H07RN-F</b> rubber sheathed cable <b>5G6</b>	32A 5p 400V	<b>825506214v</b>



...available on stock!

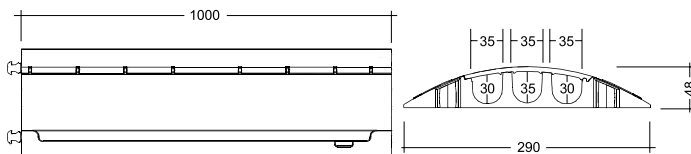
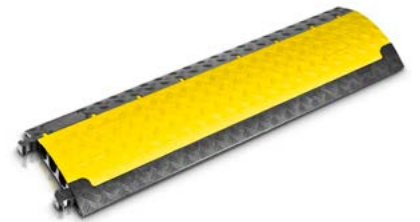
## Cable protector bridge DEFENDER Mini

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	<b>85200</b>
3 pcs.	1000x290x48 mm	5 kg	<b>85200BLK</b>

cover: yellow  
cover: black



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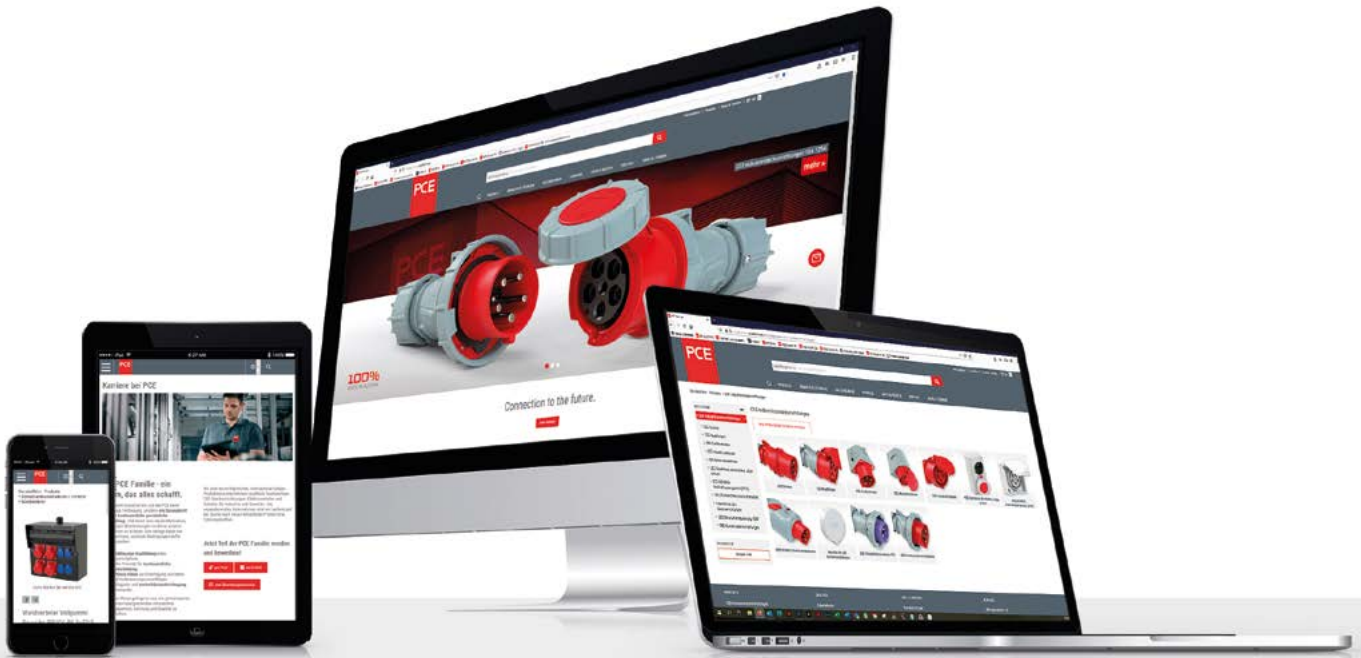
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