

# PCE

Connection  
to the future



**Industrial Plugs and Sockets**

**2018/19**

MADE IN AUSTRIA





























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

**PCE**

Connection  
to the future



# Contents

		Page	
	<b>Information</b>	<b>3 - 15</b>	
	<b>Industrial plugs and sockets 16A - 125A</b> Plugs, angled plugs, wall mounted plugs, flanged plugs, phase inverters, accessories, connectors	<b>16 - 57</b>	
	<b>CEE wall and flanged sockets 16A - 125A</b> Wall sockets, flanged sockets straight / sloping, CEE design sockets	<b>58 - 103</b>	
	<b>Switched interlocked sockets</b> Compact series, with DIN-rail, with fuse, with protection	<b>104 - 121</b>	
	<b>Special plugs and sockets</b> Extra-low voltage plugs and sockets, plugs and sockets 7-poles, container- and caravan-plugs and sockets, multiple-sockets outlet, adaptors	<b>122 - 153</b>	
	<b>Plugs and sockets with earth contact</b> S-Nova, P-Nova+, Nautilus watertight, Taurus, Top Taurus	<b>154 - 189</b>	
	<b>Protect - Check - Switch</b> PRCD-S+, PRCD-K+, CEE diagnostic plug, CEE current measurement plug, adaptors, CEE plugs with switch, motor protection plugs	<b>190 - 211</b>	
	<b>Event technology - Midnight Series</b> Camouflage Series	<b>212 - 235</b>	
	<b>Solid-rubber and thermoplastic distribution boxes - wall mounting</b>	<b>236 - 265</b>	
	<b>Solid-rubber and thermoplastic distribution boxes - mobile</b> Compact distribution boxes, empty distribution boxes, distribution boxes with suspension hook, energy pillars, Vario Connector, hinged windows	<b>266 - 321</b>	
	<b>LED-industrial products, work lights</b>	<b>322 - 325</b>	
	<b>Cable reels</b> Cable protector bridges	<b>326 - 333</b>	
	<b>Index</b>	<b>334 - 346</b>	

# PC ELECTRIC GMBH



Connection  
to the future

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

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

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

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

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

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

**The following subsidiaries are also  
production sites:**

**PCE POLSKA**, Dzierżoniów, Poland

**PCE MERZ**, Gaildorf, Germany

**PCEL**, Sri Lanka

**BRANDT GESMBH**, Inzersdorf, Austria

**WINKLER GMBH**, Ingolstadt, Germany

**MOSER Systemelektrik**, Gaildorf, Germany





## Mobile power distributors

## Testing technology

## Sheet metal technology



*Switch to Quality!*



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

- Assemblies for Construction Sites
- Event Distributor
- Underfloor Distributors



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



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



### Switchgear

- Cam switchers
- Disconnect Switches
- DC-switches



The **Winkler GmbH** specializes in manual and electric systems up to 4000A, which are manufactured for industry and public buildings up to large-scale industry.

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





## QUALITY MANAGEMENT

---

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

## RESEARCH & DEVELOPMENT

---

- Cost-effective and innovative manufacturing
- Numerous patent applications





## CUSTOMER FOCUS

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

## GLOBAL PRESENCE

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



# Informationen

## 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 CCA-method (CENELEC Certification Agreement) for mutual recognition of national approvals. PCE has tested all important products according to this method. An outline of certificates obtained is listed below for reference:





## CEE and IEC

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

## CONFORMITY TO STANDARDS

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

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

## CENELEC

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

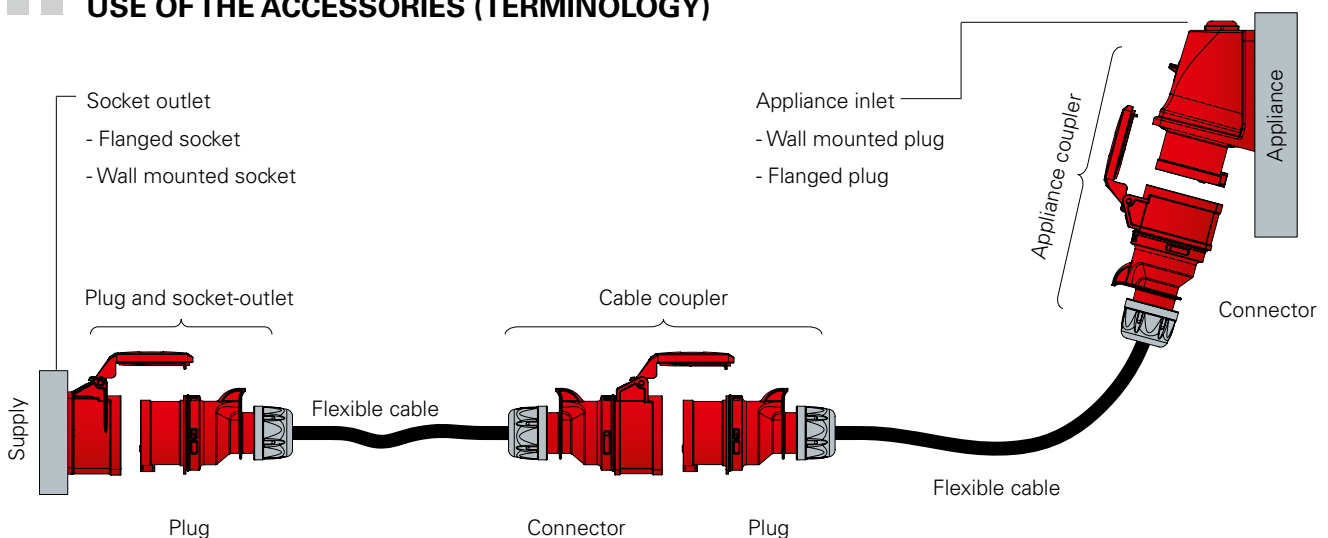
## SYSTEM

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

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

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

## USE OF THE ACCESSORIES (TERMINOLOGY)



# Informationen

## 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)

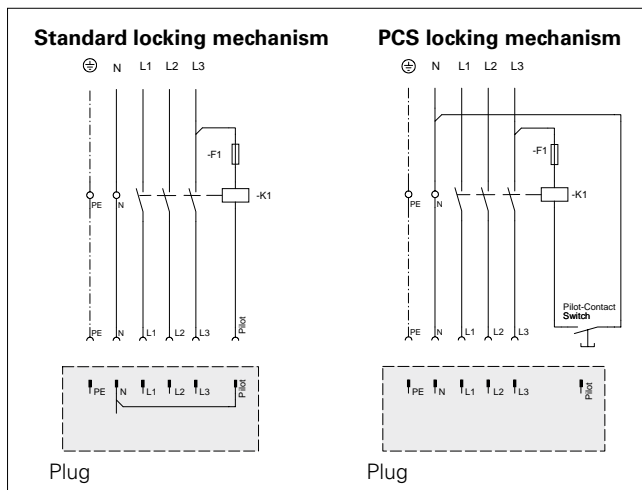
The PCS is a built-in auxiliary contact, used only for 63A and 125A connectors and socket-outlets, for protective electrical interlocking or for additional control purposes, with isolated connection in the socket-outlet. CEE connectors and sockets have longer phase contacts and guarantee no finger protection; 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
Taurus and TopTaurus plug	0,75 - 2,5		30	7
Taurus and TopTaurus connector	1 - 2,5		30	7
Taurus and Top Taurus 3-way connector	1 - 2,5		30	7
Nautilus plug and connector	1 - 2,5		30	7
Nautilus flanged socket	1 - 2x2,5	1 - 2x2,5		7

<sup>\*)</sup> End sleeves must be used!



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

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

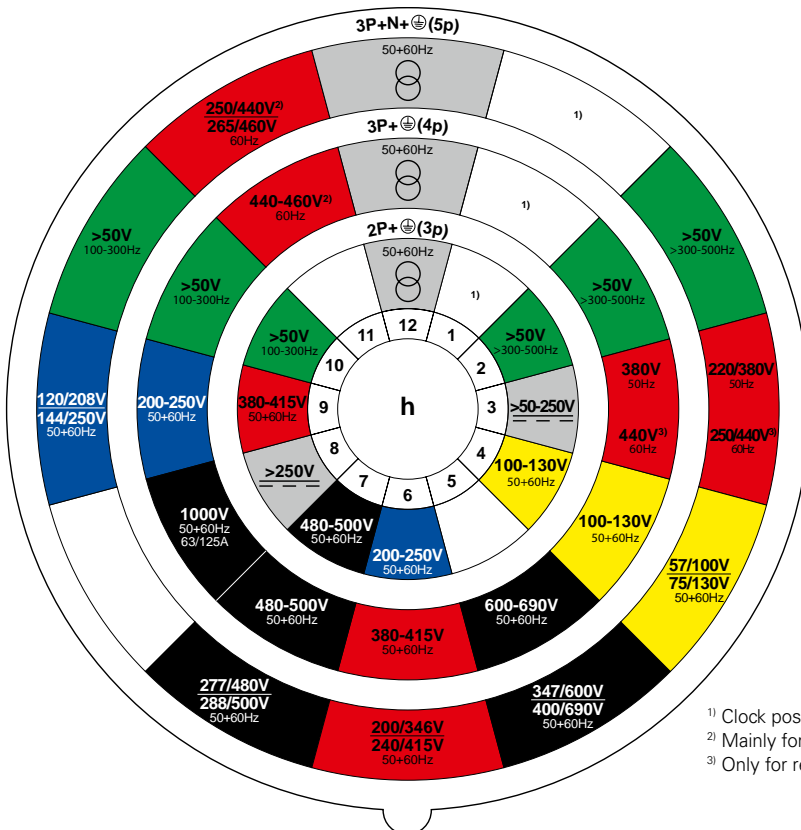
## COLOUR CODES

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

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

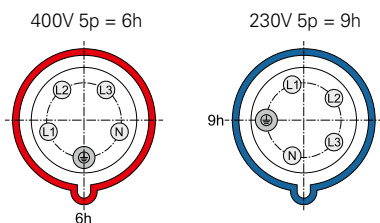
## INTERNATIONAL RATING – SERIE I

for appliances >50V – details see table above



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

Example:



<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

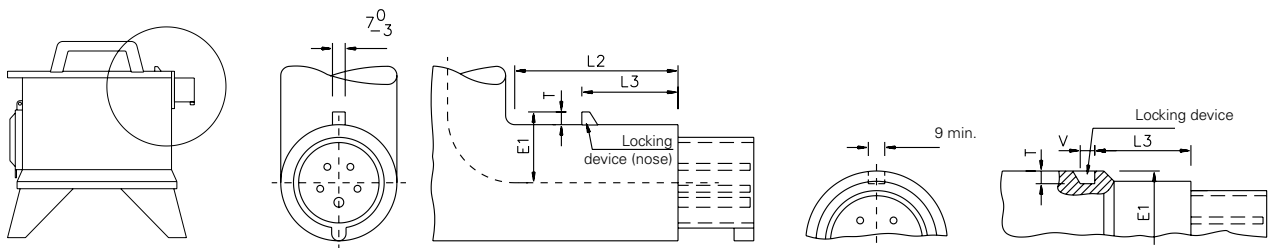
# Informationen

## LOCKING DEVICE

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

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

Extract from the standard EN60309 for plugs and flanged plugs:



Positioning table (in mm):

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

## CONTACTS

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

- high electric conducting capacity 15 MS/m / (m/Ω mm<sup>2</sup>);
- 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:** IEC/EN 60309 applies to CEE plugs and sockets which are used at an ambient temperature that does not normally exceed the range from -25°C to +40°C.

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

## IK-CODE:

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

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

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

## PLASTIC MATERIAL

Our plugs and sockets are produced from POLYAMIDE 6 as well as PC/ABS.  
The main characteristics of these materials are:

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

PCE – overview chemical resistance:

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

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

+ resistant    o conditionally resistant    - not resistant    x not specified

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





# Informationen

## TORQUES FOR PCE PRODUCTS

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

## IP (INGRESS PROTECTION)-RATINGS

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

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

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

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

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

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

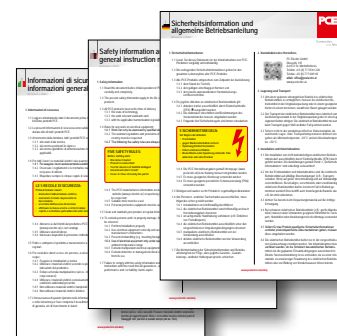
According to IEC 60529, an accessory designated with second characteristic numeral 7 or 8 is only suitable for immersion. For protection against exposure to water jets, additional testing is required according to second characteristic numeral 5 or 6 and then the product should be marked accordingly.

## SAFETY INFORMATION and general instruction manual

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



[www.manufacturer-safety.info](http://www.manufacturer-safety.info)



## WEEE DIRECTIVE



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

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

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

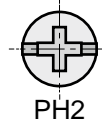
# CEE 16/32A

## CONNECTION TYPES

### SCREW TERMINAL

#### Contact screws

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



### SCREWLESS CONNECTION TECHNOLOGY TURBO TERMINAL

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



1) Insert wire      2) Close terminal      3) Reopen 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 or without end sleeve
- or solid wires

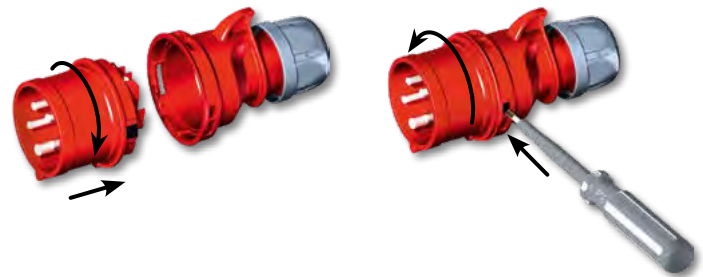
## LOCKING MECHANISM

### No screws needed to assemble the plug

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

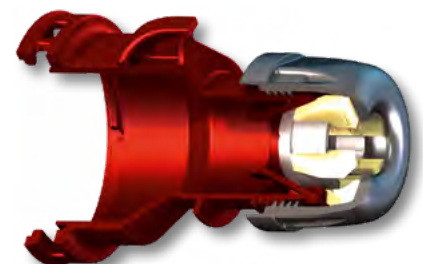
### Dismantling (open)

- simply unlock and twist to open



## ADVANTAGES OF CABLE LOCK GLAND

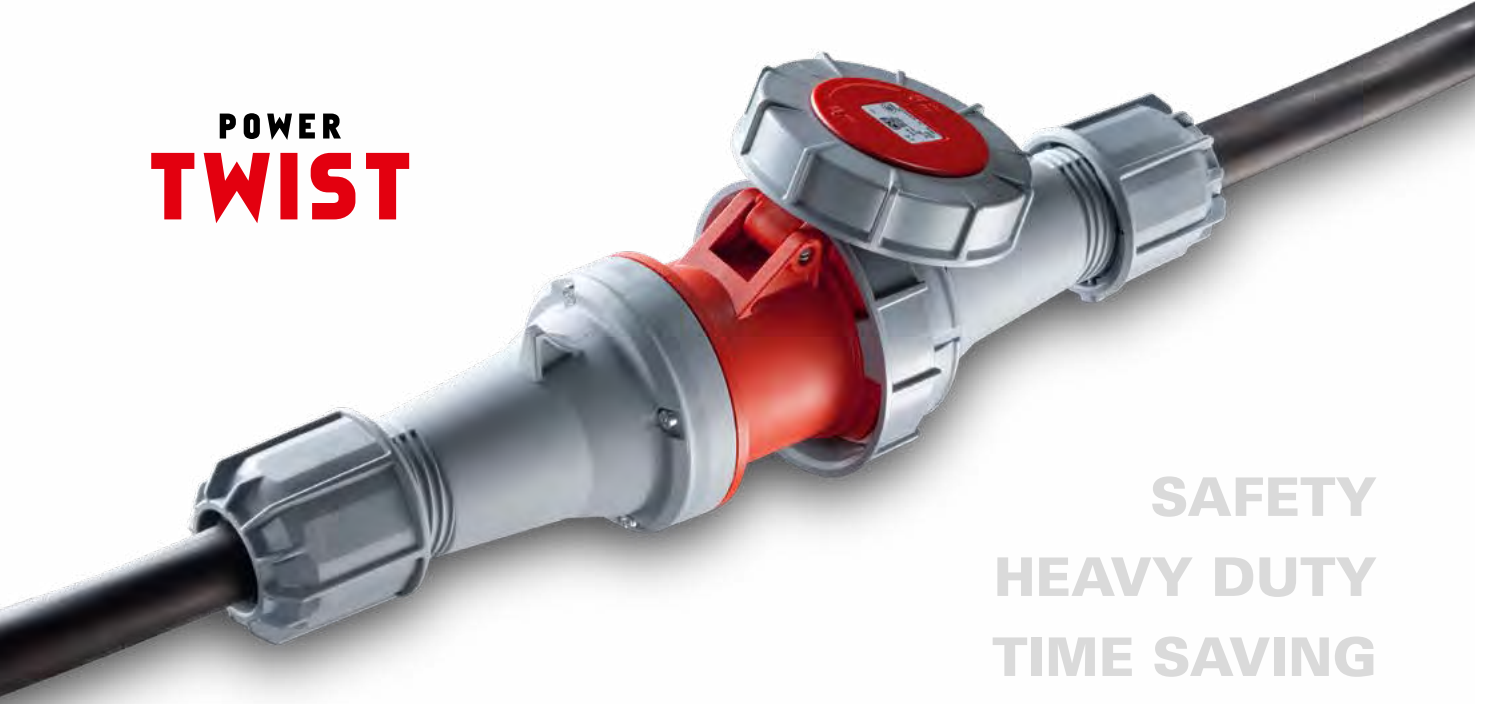
- Time saving
- Simple insertion of the cable in less time
- Strain relief and sealing of the cable by tightening the cable-lock gland
- Usable for all known cable types
- Self-adjusting gasket for different cable diameters
- Maximum cable security





# CEE 63/125A

## POWER TWIST



SAFETY  
HEAVY DUTY  
TIME SAVING

### SAFETY

#### Lamellar spring

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

#### TWIST-cable gland

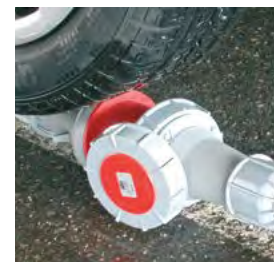
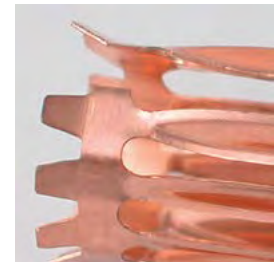
- Secures the cable firmly in position
- Protects from water and dust
- Safety screw locks the screw cap in position

### HEAVY DUTY

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

### TIME SAVING

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














# **CEE INDUSTRIAL PLUGS AND SOCKETS**

**16A - 125A**

# CEE Industrial plugs and sockets 16A - 125A



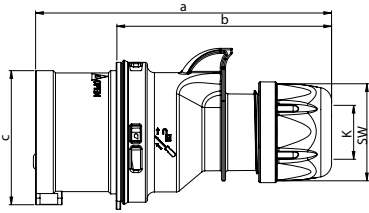
	Page	
<b>CEE Plugs</b>	<b>18</b>	
<b>CEE Angled plugs</b>	<b>24</b>	
<b>CEE Wall mounted plugs</b>	<b>26</b>	
<b>CEE Flanged plugs</b>	<b>32</b>	
<b>CEE Phase inverters</b>	<b>44</b>	
<b>Accessories</b>	<b>50</b>	
<b>CEE Connectors</b>	<b>52</b>	





# CEE Plugs

## Plug IP44 SHARK

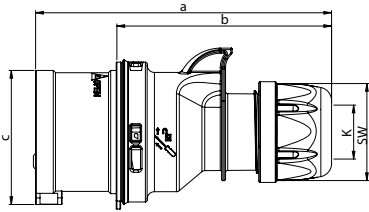


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	122	128	134	150	150	155
<b>b [mm]</b>	86	92	98	104	104	109
<b>c [mm]</b>	47	53	61	63	63	70
<b>K_cable Ø [mm]</b>	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Contact screws [Ncm]</b>	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. 015-6v

**IP44** splashproof

## Plug IP44 SHARK TT

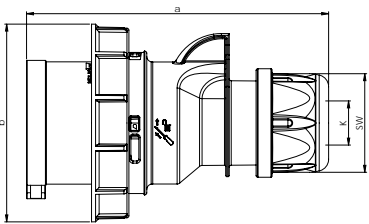


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	122	128	134	150	150	155
<b>b [mm]</b>	86	92	98	104	104	109
<b>c [mm]</b>	47	53	61	63	63	70
<b>K_cable Ø [mm]</b>	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>SW [mm]</b>	42	42	42	50	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. 015-6TTv

**IP44** splashproof

## Plug IP67 SHARK

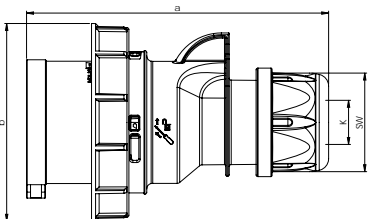


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	122	128	134	150	150	155
<b>b [mm]</b>	71	79	87	93	93	100
<b>K_cable Ø [mm]</b>	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Contact screws [Ncm]</b>	100			110		
<b>SW [mm]</b>	42	42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

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

**IP66/67** watertight

## Plug IP67 SHARK TT



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



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



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
Poles	5	5
a [mm]	157	182
b [mm]	117	143
c [mm]	61	70
d [mm]	79	93
K_cable Ø [mm]	8-16	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	178	271

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

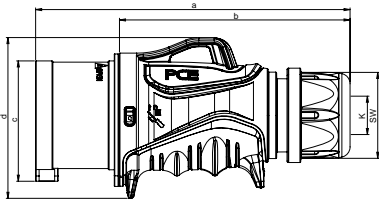
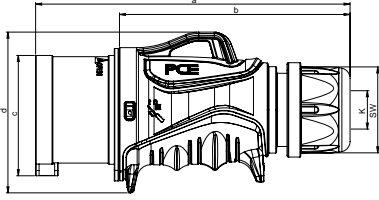
IP44/54 splashproof

## Plug IP44/54 GRIP TT

	16 Amp	32 Amp
Poles	5	5
a [mm]	157	182
b [mm]	117	143
c [mm]	61	70
d [mm]	79	93
K_cable Ø [mm]	8-16	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5	2,5-6
SW [mm]	42	50
Weight [g]	183	280

- screwless connection technology
- housing material: 2K (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~ 50/60Hz 4h	230V~ 50/60Hz 3p=6h 4p+5p=9h	400V~ 50/60Hz 3p=9h 4p+5p=6h	500V~ 50/60Hz 7h	>50- 500V~ 100-300Hz 10h	>50- 500V~ 301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

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



0153-6

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

**TURBOclick**  
**TERMINAL**



0253-6TT



## MORE GRIP MORE „POWER“

The new CEE plugs and connectors 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

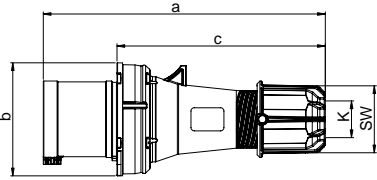
**7 GRIP**  
ergonomically shaped grip area, secure hold - perfect for all applications

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



# CEE Plugs

## Plug IP44 **POWER TWIST**

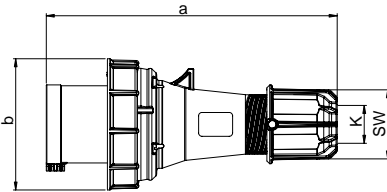


	63 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>a [mm]</b>	257	257	257
<b>b [mm]</b>	102	102	102
<b>c [mm]</b>	190	190	190
<b>K_cable Ø [mm]</b>	14,5-36	14,5-36	14,5-36
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16		
<b>Contact screws [Ncm]</b>	200		
<b>SW [mm]</b>	61	61	61
<b>Weight [g]</b>	530	572	621

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

**IP44** splashproof

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

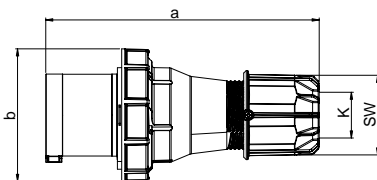


	63 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>a [mm]</b>	257	257	257
<b>b [mm]</b>	114	114	114
<b>K_cable Ø [mm]</b>	14,5-36	14,5-36	14,5-36
<b>Wire flexible [mm<sup>2</sup>]</b>	6-16		
<b>Contact screws [Ncm]</b>	200		
<b>SW [mm]</b>	61	61	61
<b>Weight [g]</b>	570	617	666

- 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 [mm<sup>2</sup>]</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 hexagon socket screws
- housing material: PA6
- contacts: nickel-plated contacts with pilot contact (see page 8)

**IP66/67** watertight

### POWER TWIST



■ ■ ■ Safety

■ ■ ■ High impact resistance

■ ■ ■ Optimum grip

■ ■ ■ Large connection area

■ ■ ■ Time saving



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



0351-6

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



035-6

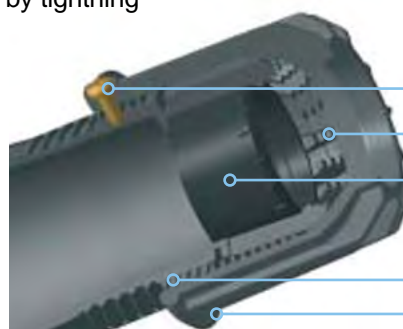
125	3	2	043-4	<b>043-6</b>	043-9	043-7	043-10	043-2
125	4	2	044-4	044-9	<b>044-6</b>	044-7	044-10	044-2
125	5	2	045-4	045-9	<b>045-6</b>	045-7	045-10	045-2



045-6

### Time saving:

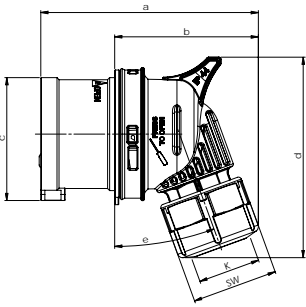
- Simple and fast insertion of the cable
- Strain-relief and sealing of the cable by tightening the cable gland
- All current cables for 63A from  $\varnothing 14,5\text{mm}$  to  $\varnothing 36\text{mm}$  for 125A from  $\varnothing 22,5\text{mm}$  to  $\varnothing 50\text{mm}$
- 100% Tightness of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

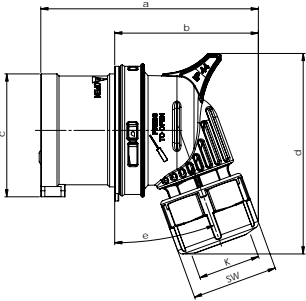


## Angled plug IP44 TWIST

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	96	98	108	127	127	135
b [mm]	59	62	71	82	82	90
c [mm]	47	53	61	63	63	70
d [mm]	82	87	99	111	111	114
e [°]	15	15	20	25	25	25
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [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

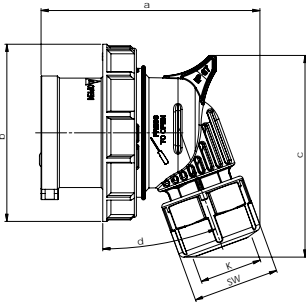


## Angled plug IP44 TWIST TT

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	96	98	108	127	127	135
b [mm]	59	62	71	82	82	90
c [mm]	47	53	61	63	63	70
d [mm]	82	87	99	111	111	114
e [°]	15	15	20	25	25	25
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [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	244

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

**IP44** splashproof

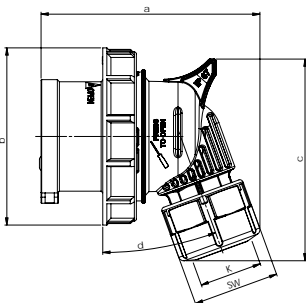


## Angled plug IP67 TWIST

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	96	98	108	127	127	135
b [mm]	71	79	87	93	93	100
c [mm]	82	87	99	111	111	114
d [°]	15	15	20	25	25	25
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [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]	96	98	108	127	127	135
b [mm]	71	79	87	93	93	100
c [mm]	82	87	99	111	111	114
d [°]	15	15	20	25	25	25
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [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~	>50-500V~
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
16	3	10	8013-4	<b>8013-6</b>	8013-9	8013-7	8013-10	8013-2
16	4	10	8014-4	8014-9	<b>8014-6</b>	8014-7	8014-10	8014-2
16	5	10	8015-4	8015-9	<b>8015-6</b>	8015-7	8015-10	8015-2
32	3	10	8023-4	<b>8023-6</b>	8023-9	8023-7	8023-10	8023-2
32	4	10	8024-4	8024-9	<b>8024-6</b>	8024-7	8024-10	8024-2
32	5	10	8025-4	8025-9	<b>8025-6</b>	8025-7	8025-10	8025-2



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>			

**TURBOclick**  
**TERMINAL**



8013-6TT

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



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

**TURBOclick**  
**TERMINAL**



80142-6TT



# CEE Wall mounted plugs

## 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 [mm]</b>	120	121	122	131	131	132
<b>Height [mm]</b>	76	76	79	82	82	85
<b>M [mm]</b>	25	25	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>	173	188	205	212	232	253

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

**IP44** splashproof

## Wall mounted plug IP44 TT

	16 Amp		32 Amp	
	3	5	4	5
<b>Poles</b>	3	5	4	5
<b>a [mm]</b>	120	122	131	132
<b>Height [mm]</b>	76	79	82	85
<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>Weight [g]</b>	176	209	238	261

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

**IP44** splashproof

## Wall mounted plug with lid IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	127	128	128	137	137	140
<b>Height [mm]</b>	92	94	97	99	99	104
<b>M [mm]</b>	25	25	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>	230	245	263	272	292	316

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

**IP44** splashproof

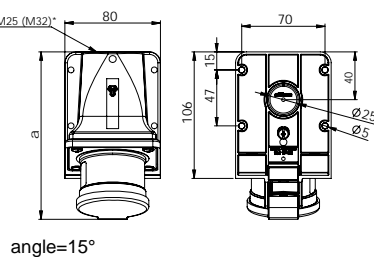
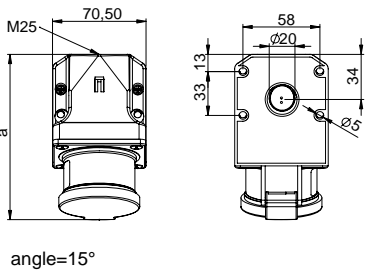
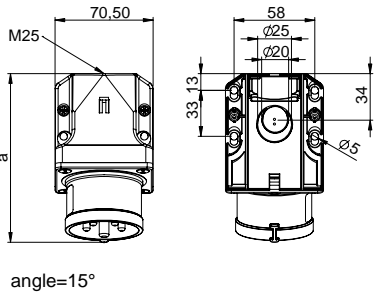
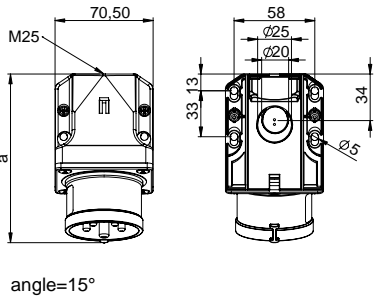
## Wall mounted plug with lid IP44

	16 Amp		32 Amp	
	5	5	5	5
<b>Poles</b>	5	5	5	5
<b>a [mm]</b>	141	151	141	151
<b>Height [mm]</b>	99	112	99	112
<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>	257		310	

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

**IP44** splashproof

\*M32 optional on request available





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



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>			

**TURBO**  
TERMINAL



515-6TT

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



515-6d

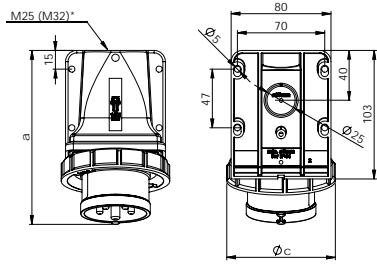
16	5	10	515-4kd	515-9kd	<b>515-6kd</b>	515-7kd	515-10kd	515-2kd
32	5	10	525-4kd	525-9kd	<b>525-6kd</b>	525-7kd	525-10kd	525-2kd



515-6kd

# CEE Wall mounted plugs

## Wall mounted plug IP67



angle=15°

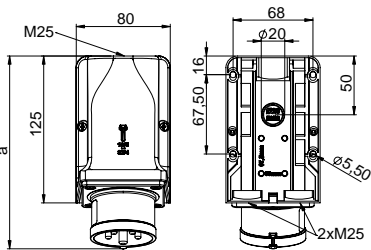
	16 Amp			32 Amp		
	3	4	5	4	5	
<b>Poles</b>	3	4	5	4	5	
<b>a [mm]</b>	136	138	140	150	152	
<b>Height [mm]</b>	99	94	100	104	102	
<b>c [mm]</b>	71	79	87	93	102	
<b>M* [mm]</b>	25	25	25	25	25	
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10		
<b>Contact screws [Ncm]</b>	100			110		
<b>Weight [g]</b>	200	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



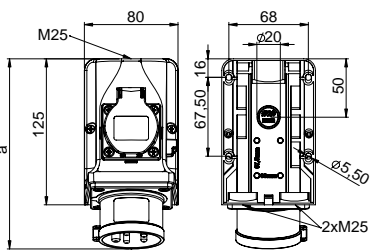
angle=15°

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	163	163	164	173	173	174
<b>Height [mm]</b>	109	109	112	115	115	118
<b>M [mm]</b>	3x25	3x25	3x25	3x25	3x25	3x25
<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>	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



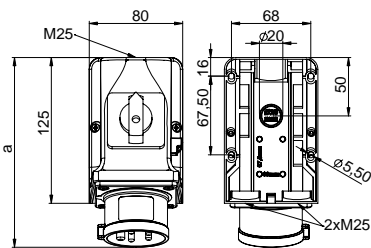
angle=15°

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	162	162	163	172	172	173
<b>Height [mm]</b>	117	117	117	117	117	118
<b>M [mm]</b>	3x25	3x25	3x25	3x25	3x25	3x25
<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 CEE [Ncm]</b>	100			110		
<b>Screw terminals [Ncm]</b>	120					
<b>Weight [g]</b>	367	382	399	422	442	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



angle=15°

	16 Amp		32 Amp	
	5	5	5	5
<b>Poles</b>	5	5	5	5
<b>a [mm]</b>	163		173	
<b>Height [mm]</b>	128		128	
<b>M [mm]</b>	3x25		3x25	
<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>	474		522	

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

**IP44** splashproof

Amp.	Poles	pack unit	110V~ 50/60Hz 4h	230V~ 50/60Hz 3p=6h 4p+5p=9h	400V~ 50/60Hz 3p=9h 4p+5p=6h	500V~ 50/60Hz 7h	>50- 500V~ 100-300Hz 10h	>50- 500V~ 301-500Hz 2h
			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	5132-2k
16	4	5	5142-4k	5142-9k	<b>5142-6k</b>	5142-7k	5142-10k	5142-2k
16	5	5	5152-4k	5152-9k	<b>5152-6k</b>	5152-7k	5152-10k	5152-2k
32	3	5	5232-4k	<b>5232-6k</b>	5232-9k	5232-7k	5232-10k	5232-2k
32	4	5	5242-4k	5242-9k	<b>5242-6k</b>	5242-7k	5242-10k	5242-2k
32	5	5	5252-4k	5252-9k	<b>5252-6k</b>	5252-7k	5252-10k	5252-2k



5252-6k

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



9515-6

16	3	5		<b>95213-6</b>				
16	4	5		95214-9	<b>95214-6</b>			
16	5	5			<b>95215-6</b>			
32	3	5		<b>95223-6</b>				
32	4	5		95224-9	<b>95224-6</b>			
32	5	5			<b>95225-6</b>			



95225-6



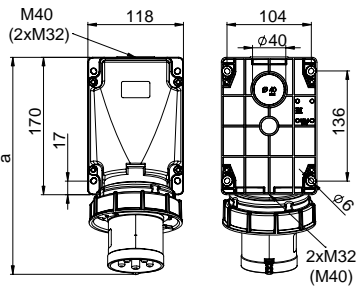
95215-6

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



75615-6

# CEE Wall mounted plugs



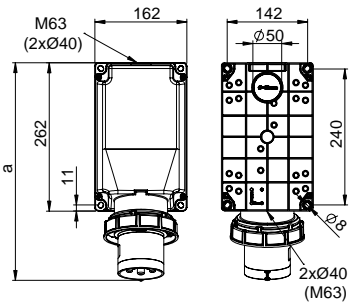
angle=15°

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

	63 Amp		
	3	4	5
<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 51

**IP66/67** watertight



angle=15°

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

	125 Amp		
	3	4	5
<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 51

**IP66/67** watertight



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



535-6

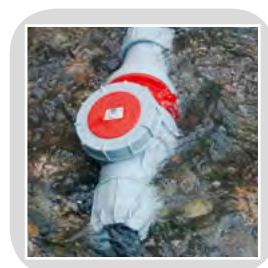
125	3	1	543-4	<b>543-6</b>	543-9	543-7	543-10	543-2
125	4	1	544-4	544-9	<b>544-6</b>	544-7	544-10	544-2
125	5	1	545-4	545-9	<b>545-6</b>	545-7	545-10	545-2



545-6

Accessories see page 51

## POWER TWIST



# CEE Flanged plugs

## Connection types:

Screw terminal:  
16/32A



**TURBO**click  
TERMINAL

Screwless terminal:  
16/32A



**POWER**  
**TWIST**

Contact frame:  
63/125A



### Screw terminal

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

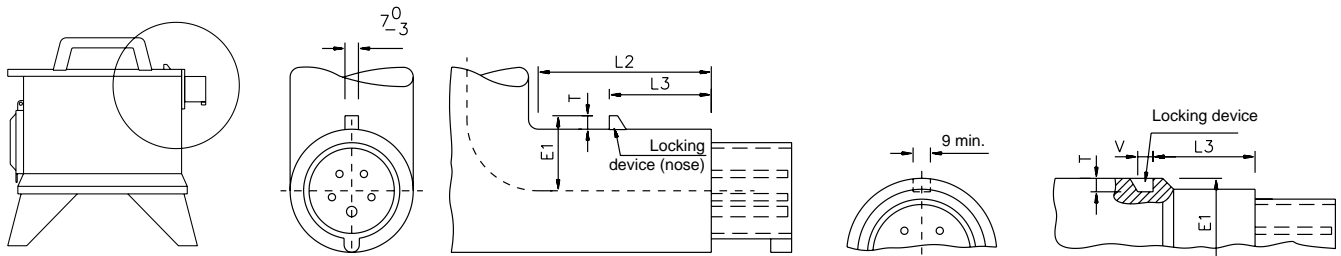
### Screwless terminal

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

### Contact frame

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

## Locking device:



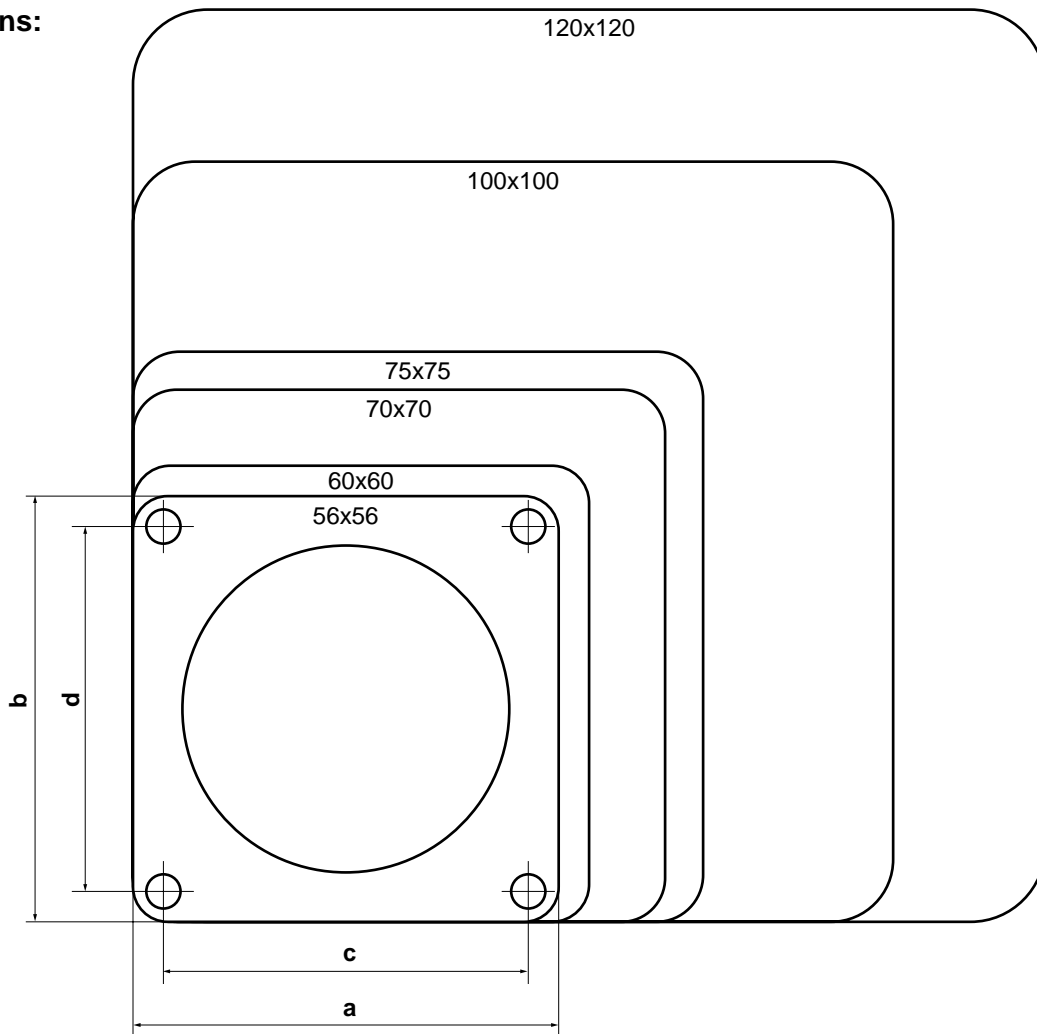
Positioning table (in mm):

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

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

# Flanged plugs straight

Dimensions:



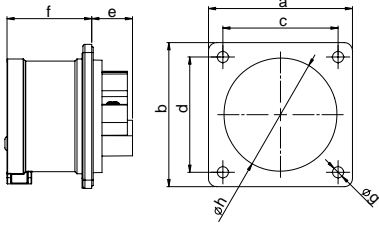
Versions:

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

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

# CEE Flanged plugs

## Flanged plug straight IP44

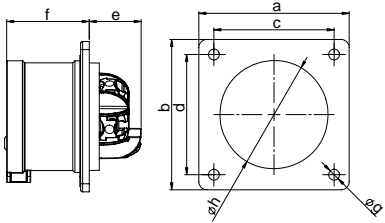


Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	21	21	20	21	21	21
f [mm]	42	42	42	51	51	51
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	43	55	55	55	55
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]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

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

**IP44** splashproof

## Flanged plug straight IP44 TT

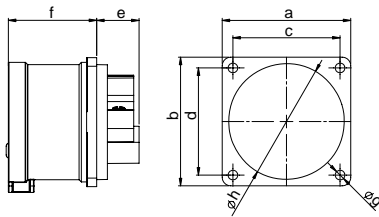


Poles	16 Amp		32 Amp	
	3	5	4	5
Flange a x b [mm]	70	70	70	70
Fixing center c x d [mm]	56	56	56	56
e [mm]	26	26	29	29
f [mm]	42	42	51	51
g [mm]	5,5	5,5	5,5	5,5
h [mm]	43	55	55	55
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
Wire solid [mm <sup>2</sup> ]	1-4		2,5-10	
Weight [g]	89	122	151	172

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

**IP44** splashproof

## Flanged plug straight IP44

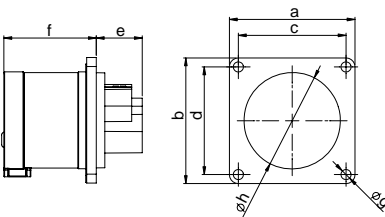


Poles	16 Amp		
	3	4	5
Flange a x b [mm]	60	60	60
Fixing center c x d [mm]	50	50	50
e [mm]	21	21	20
f [mm]	42	42	42
g [mm]	4,5	4,5	4,5
h [mm]	43	43	55
Wire flexible [mm <sup>2</sup> ]	1-2,5		
Wire solid [mm <sup>2</sup> ]	1-4		
Contact screws [Ncm]	100		
Weight [g]	78	93	109

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 615-6f6v
- According to EN 60309: For correct use a locking device has to be provided (see page 10)

**IP44** splashproof

## Flanged plug straight IP44



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

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

**IP44** splashproof



**110V~**

50/60Hz  
4h

**230V~**

50/60Hz  
3p=6h  
4p+5p=9h

**400V~**

50/60Hz  
3p=9h  
4p+5p=6h

**500V~**

50/60Hz  
7h

**>50-  
500V~**

100-300Hz  
10h

**>50-  
500V~**

301-500Hz  
2h

Amp.	Poles	pack unit	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	613-2
16	4	10	614-4	614-9	<b>614-6</b>	614-7	614-10	614-2
16	5	10	615-4	615-9	<b>615-6</b>	615-7	615-10	615-2
32	3	10	623-4	<b>623-6</b>	623-9	623-7	623-10	623-2
32	4	10	624-4	624-9	<b>624-6</b>	624-7	624-10	624-2
32	5	10	625-4	625-9	<b>625-6</b>	625-7	625-10	625-2



625-6

<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>			



613-4TT

<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	613-2f6
16	4	10	614-4f6	614-9f6	<b>614-6f6</b>	614-7f6	614-10f6	614-2f6
16	5	10	615-4f6	615-9f6	<b>615-6f6</b>	615-7f6	615-10f6	615-2f6



613-6f6

<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	613-2f3
16	4	10	614-4f3	614-9f3	<b>614-6f3</b>	614-7f3	614-10f3	614-2f3

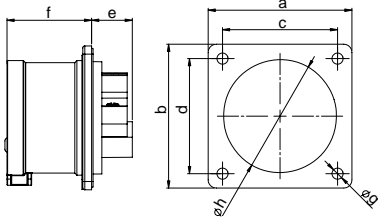


614-6f3



# CEE Flanged plugs

## Flanged plug straight IP44

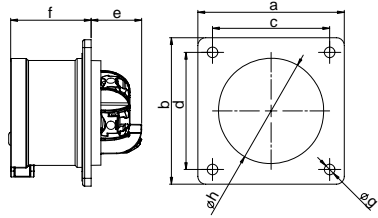


	16 Amp		32 Amp	
Poles		5		5
Flange a x b [mm]		75		75
Fixing center c x d [mm]		60		60
e [mm]		20		21
f [mm]		42		51
g [mm]		5,5		5,5
h [mm]		55		55
Wire flexible [mm <sup>2</sup> ]		1-2,5		2,5-6
Wire solid [mm <sup>2</sup> ]		1-4		2,5-10
Contact screws [Ncm]		100		110
Weight [g]		121		170

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

**IP44** splashproof

## Flanged plug straight IP44 TT

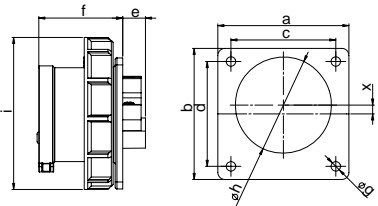


	16 Amp		32 Amp	
Poles		5		5
Flange a x b [mm]		75		75
Fixing center c x d [mm]		60		60
e [mm]		26		29
f [mm]		42		51
g [mm]		5,5		5,5
h [mm]		55		55
Wire flexible [mm <sup>2</sup> ]		1-2,5		2,5-6
Wire solid [mm <sup>2</sup> ]		1-4		2,5-10
Weight [g]		126		178

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

**IP44** splashproof

## Flanged plug straight IP67

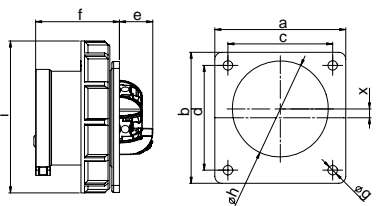


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	75	75	75	75	75	75
Fixing center c x d [mm]	60	60	60	60	60	60
e [mm]	15	14	13	14	15	14
f [mm]	48	48	48	58	58	58
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	44	55	55	55	55
i [mm]	71	79	87	93	93	100
x [mm]	11,3	6	5	4,5	4,5	0
Wire flexible [mm <sup>2</sup>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

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

**IP67** watertight

## Flanged plug straight IP67 TT



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

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

**IP67** watertight

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

flange 75 x 75 - fixing center 60 x 60								
16	5	10	615-4f7	615-9f7	<b>615-6f7</b>	615-7f7	615-10f7	615-2f7
32	5	10	625-4f7	625-9f7	<b>625-6f7</b>	625-7f7	625-10f7	625-2f7



615-6f7

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

**TURBO**click  
**TERMINAL**



615-6TTf7

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



6152-6

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

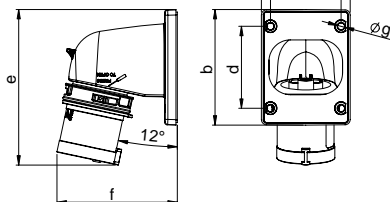
**TURBO**click  
**TERMINAL**



6252-6TT



# CEE Flanged plugs



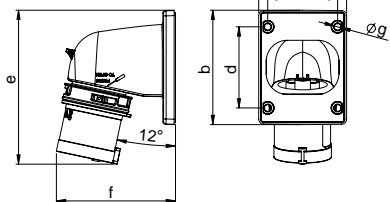
## Flanged plug angled IP44

### TWIST

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	66	66	90	90	90	90
b [mm]	86	86	100	100	100	100
c [mm]	53	53	77	77	77	77
d [mm]	61	61	85	85	85	85
e [mm]	116	117	153	163	163	164
f [mm]	90	93	98	100	100	103
g [mm]	5	5	5	5	5	5
Wire flexible [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	247

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

**IP44** splashproof



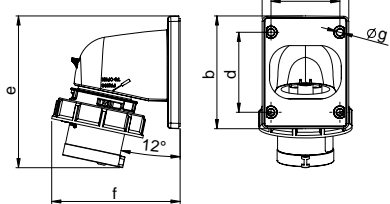
## Flanged plug angled IP44

### TWIST TT

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	66	66	90	90	90	90
b [mm]	86	86	100	100	100	100
c [mm]	53	53	77	77	77	77
d [mm]	61	61	85	85	85	85
e [mm]	116	117	153	163	163	164
f [mm]	90	93	98	100	100	103
g [mm]	5	5	5	5	5	5
Wire flexible [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



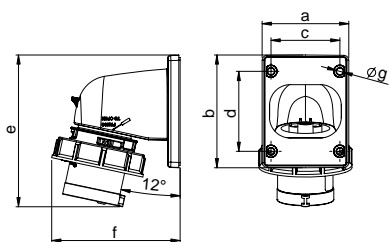
## Flanged plug angled IP67

### 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~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	10	77713-4	<b>77713-6</b>	77713-9	77713-7	77713-10	77713-2
16	4	10	77714-4	77714-9	<b>77714-6</b>	77714-7	77714-10	77714-2
16	5	10	77715-4	77715-9	<b>77715-6</b>	77715-7	77715-10	77715-2
32	3	5	77723-4	<b>77723-6</b>	77723-9	77723-7	77723-10	77723-2
32	4	5	77724-4	77724-9	<b>77724-6</b>	77724-7	77724-10	77724-2
32	5	5	77725-4	77725-9	<b>77725-6</b>	77725-7	77725-10	77725-2



77713-6

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

**TURBO** click  
**TERMINAL**



77713-6TT

Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	10	777132-4	<b>777132-6</b>	777132-9	777132-7	777132-10	777132-2
16	4	10	777142-4	777142-9	<b>777142-6</b>	777142-7	777142-10	777142-2
16	5	5	777152-4	777152-9	<b>777152-6</b>	777152-7	777152-10	777152-2
32	3	5	777232-4	<b>777232-6</b>	777232-9	777232-7	777232-10	777232-2
32	4	5	777242-4	777242-9	<b>777242-6</b>	777242-7	777242-10	777242-2
32	5	5	777252-4	777252-9	<b>777252-6</b>	777252-7	777252-10	777252-2



777132-6

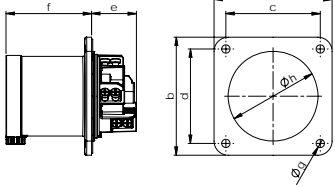
Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	3	10	777132-4TT	<b>777132-6TT</b>	777132-9TT			
16	4	10	777142-4TT	777142-9TT	<b>777142-6TT</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>			

**TURBO** click  
**TERMINAL**



777152-6TT

# CEE Flanged plugs



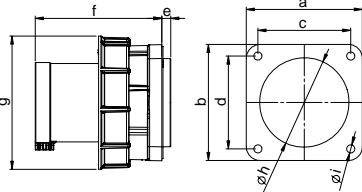
## Flanged plug straight IP44

### 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 51

**IP44** splashproof



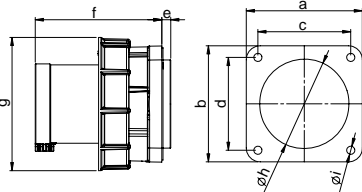
## Flanged plug straight IP66/67

### 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	531	570

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- for waterproof cover see accessories on page 51

**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 51

**IP66/67** watertight

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

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

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



6351-6k

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

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



635-6

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

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



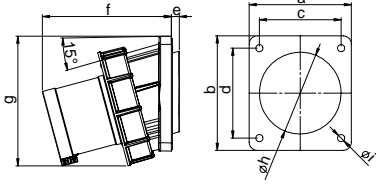
645-6



# CEE Flanged plugs

## Flanged plug sloping IP66/67

### POWER TWIST



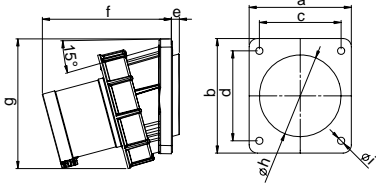
Poles	63 Amp		
	3	4	5
a [mm]	100	100	100
b [mm]	112	112	112
c [mm]	80	80	80
d [mm]	88	88	88
e [mm]	8	8	8
f [mm]	127	127	127
g [mm]	127	127	127
h [mm]	80	80	80
i [mm]	7	7	7
Wire flexible [mm <sup>2</sup> ]	6-16		
Wire solid [mm <sup>2</sup> ]	6-25		
Contact screws [Ncm]	200		
Weight [g]	515	566	608

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 8)
- for waterproof cover see accessories on page 51

IP66/67 watertight

## Flanged plug sloping IP66/67

### POWER TWIST



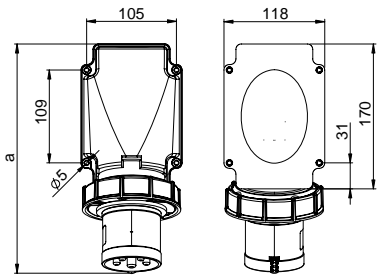
Poles	125 Amp		
	3	4	5
a [mm]	120	120	120
b [mm]	130	130	130
c [mm]	100	100	100
d [mm]	108	108	108
e [mm]	8	8	8
f [mm]	139	139	139
g [mm]	145	145	145
h [mm]	100	100	100
i [mm]	7	7	7
Wire flexible [mm <sup>2</sup> ]	16-50		
Wire solid [mm <sup>2</sup> ]	16-70		
Contact screws [Ncm]	450		
Weight [g]	833	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 51

IP66/67 watertight

## Flanged plug IP66/67

### POWER TWIST



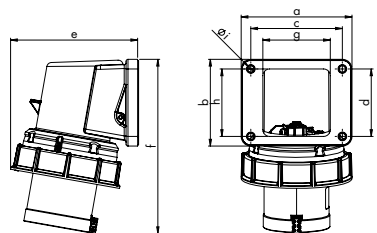
Poles	63 Amp		
	3	4	5
a [mm]	271	271	271
Height [mm]	124	124	124
Wire flexible [mm <sup>2</sup> ]	6-16		
Wire solid [mm <sup>2</sup> ]	6-25		
Contact screws [Ncm]	200		
Weight [g]	653	704	746

- 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 51
- 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 51
- rear entry
- incl. flange gasket

IP66/67 watertight



**110V~**  
50/60Hz  
4h

**230V~**  
50/60Hz  
3p=6h  
4p+5p=9h

**400V~**  
50/60Hz  
3p=9h  
4p+5p=6h

**500V~**  
50/60Hz  
7h

**>50-  
500V~**  
100-300Hz  
10h

**>50-  
500V~**  
301-500Hz  
2h

Amp.	Poles	pack unit	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	733-4	<b>733-6</b>	733-9	733-7	733-10	733-2
63	4	2	734-4	734-9	<b>734-6</b>	734-7	734-10	734-2
63	5	2	735-4	735-9	<b>735-6</b>	735-7	735-10	735-2



735-6

<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	743-2
125	4	2	744-4	744-9	<b>744-6</b>	744-7	744-10	744-2
125	5	2	745-4	745-9	<b>745-6</b>	745-7	745-10	745-2



745-6

<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	77733-2
63	4	2	77734-4	77734-9	<b>77734-6</b>	77734-7	77734-10	77734-2
63	5	2	77735-4	77735-9	<b>77735-6</b>	77735-7	77735-10	77735-2



77735-6

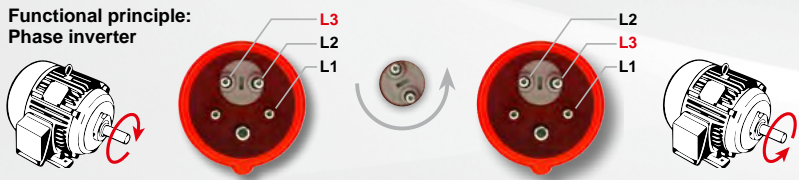
<b>flange 116 x 91 - fixing center 95 x 70</b>								
63	3	2	77733-4k	<b>77733-6k</b>	77733-9k	77733-7k	77733-10k	77733-2k
63	4	2	77734-4k	77734-9k	<b>77734-6k</b>	77734-7k	77734-10k	77734-2k
63	5	2	77735-4k	77735-9k	<b>77735-6k</b>	77735-7k	77735-10k	77735-2k



77735-6k



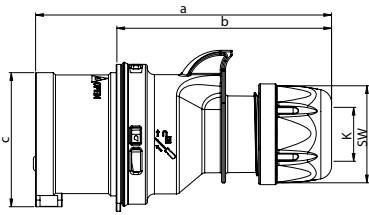
Functional principle:  
Phase inverter



## CEE Phase inverters

### Phase inverter plug IP44

### SHARK



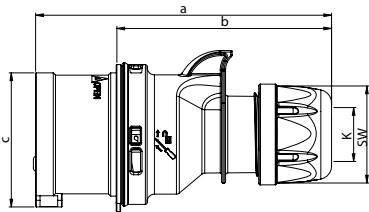
	16 Amp		32 Amp	
	4	5	4	5
a [mm]	128	134	150	155
b [mm]	92	98	104	109
c [mm]	53	61	63	70
K_cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Wire flexible class 5 or 6 [mm <sup>2</sup> ]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]	42	42	50	50
Weight [g]	131	154	204	236

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

IP44 splashproof

### Phase inverter plug IP44

### SHARK TT



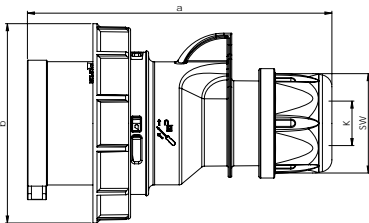
	16 Amp		32 Amp	
	4	5	4	5
a [mm]		134		155
b [mm]		98		109
c [mm]		61		70
K_cable Ø [mm]		8-16		11,5-22
Wire flexible class 5 or 6 [mm <sup>2</sup> ]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]		42		50
Weight [g]		156		237

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

IP44 splashproof

### Phase inverter plug IP67

### SHARK



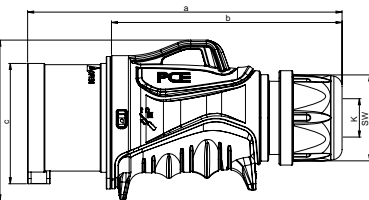
	16 Amp		32 Amp	
	4	5	4	5
a [mm]	128	134	150	155
b [mm]	79	87	93	100
c [mm]	61	61	63	70
K_cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Wire flexible class 5 or 6 [mm <sup>2</sup> ]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]	42	42	50	50
Weight [g]	153	183	245	280

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

IP66/67 watertight

### Phase inverter plug IP44/54

### GRIP



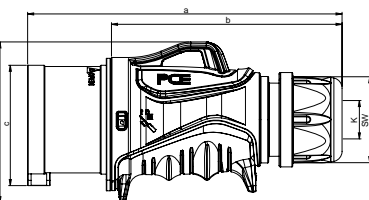
	16 Amp		32 Amp	
	4	5	4	5
a [mm]		157		155
b [mm]		117		100
c [mm]		61		
d [mm]		79		
K_cable Ø [mm]		8-16		11,5-22
Wire flexible class 5 or 6 [mm <sup>2</sup> ]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]		42		50
Weight [g]		180		273

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

IP44/54 splashproof

### Phase inverter plug IP44/54

### GRIP TT



	16 Amp		32 Amp	
	4	5	4	5
a [mm]		157		155
b [mm]		117		100
c [mm]		61		
d [mm]		79		
K_cable Ø [mm]		8-16		11,5-22
Wire flexible class 5 or 6 [mm <sup>2</sup> ]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]		42		50
Weight [g]		183		279

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

IP44/54 splashproof

**230V~**

50/60Hz  
4p=9h

**400V~**

50/60Hz  
4p+5p=6h

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

**Cat.No.**

**Cat.No.**

7014-9

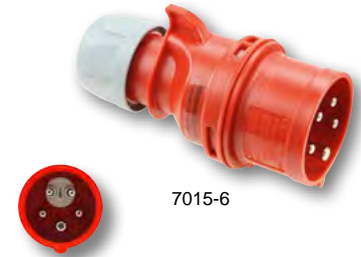
7014-6

**7015-6**

7024-9

7024-6

**7025-6**



7015-6

16	5	10
32	5	10

**7015-6TT**

**7025-6TT**



7015-6TT

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

70142-9

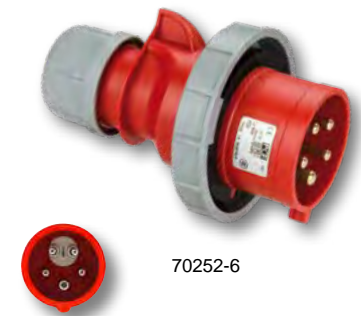
70142-6

**70152-6**

70242-9

70242-6

**70252-6**



70252-6

16	5	10
32	5	10

**70153-6**

**70253-6**



70253-6

16	5	10
32	5	10

**70153-6TT**

**70253-6TT**

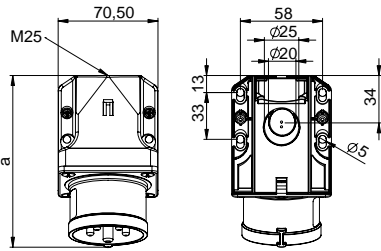


70153-TT6



# CEE Phase inverters

## Phase inverter - Wall mounted plug IP44



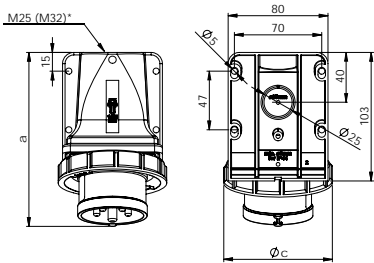
angle=15°

	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



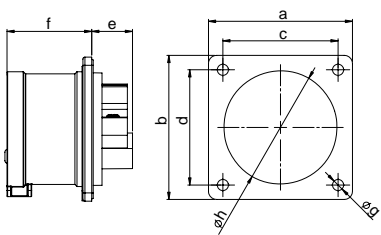
angle=15°

	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>		71	93	100
<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

## Phase inverter - Flanged plug straight IP44

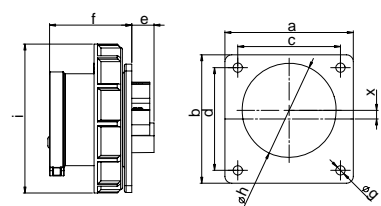


	16 Amp		32 Amp	
<b>Poles</b>		5	4	5
<b>Flange a x b [mm]</b>		70	70	70
<b>Fixing center c x d [mm]</b>		56	56	56
<b>e [mm]</b>		20	21	21
<b>f [mm]</b>		42	51	51
<b>g [mm]</b>		5,5	5,5	5,5
<b>h [mm]</b>		55	55	55
<b>Wire flexible class 5 or 6 [mm<sup>2</sup>]</b>		1-2,5	2,5-6	
<b>Contact screws [Ncm]</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>h [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~**

50/60Hz  
4p=9h

**400V~**

50/60Hz  
4p+5p=6h

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

**Cat.No.**

**Cat.No.**

		7715-6
		7715-6d
		7724-6
		7724-6d
		<b>7725-6</b>
		7725-6d

with cap

with cap

with cap



7715-6

16	5	5
32	4	5
32	5	5

77242-9k

**77152-6k**

77242-6k

**77252-6k**



77152-6k

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

16	5	10
32	4	10
32	5	10

8624-9

**8615-6**

8624-6

**8625-6**



8624-6

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

16	5	10
32	4	10
32	5	10

86242-9

**86152-6**

86242-6

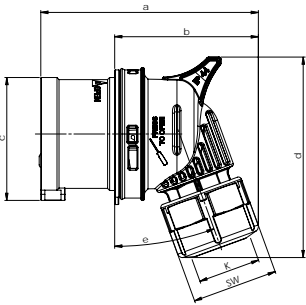
**86252-6**



86152-6



# CEE Phase inverters

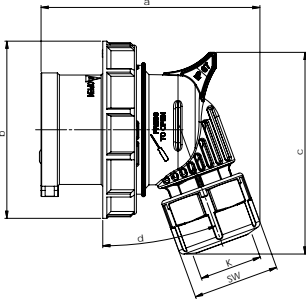


## Phase inverter - Angled plug IP44 TWIST

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

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

**IP44** splashproof

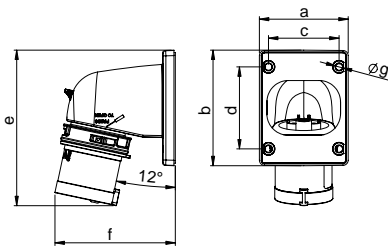


## Phase inverter - Angled plug IP67 TWIST

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

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

**IP67** watertight

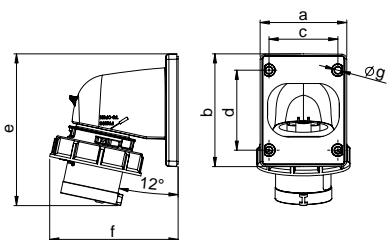


## Phase inverter - Flanged plug angled IP44 TWIST

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

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

**IP44** splashproof



## Phase inverter - Flanged plug angled IP67 TWIST

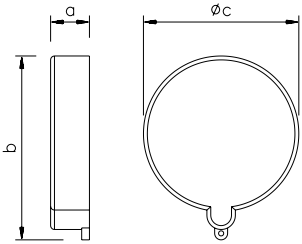
	16 Amp		32 Amp	
	4	5	4	5
Poles	4	5	4	5
a [mm]	66	90	90	90
b [mm]	86	100	100	100
c [mm]	53	77	77	77
d [mm]	61	85	85	85
e [mm]	117	153	163	164
f [mm]	103	107	110	114
g [mm]	5	5	5	5
Wire flexible class 5 or 6 [mm <sup>2</sup> ]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
Weight [g]	171	225	261	297

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

**IP67** watertight



# Accessories



## Dust cap 16A and 32A

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

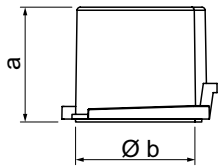
- for plugs and appliance plugs to protect contacts against dust
- material: TPE/PP

## Dust cap 63A and 125A

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

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

## Water protection cap 16A and 32A



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

- for 16 and 32A plugs and appliance plugs
- material: Polypropylen
- colour: light grey
- incl. nylon band (appr. 220mm)

**IP67** watertight

## Water protection cap 63A and 125A



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

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

**IP67** watertight

## Special tool for plug- and connector cable gland nuts

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



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

**711632**

**POWER TWIST 63/125A** wrench open, L=313mm

**7163125**

**NAUTILUS / Top Taurus** wrench open, L=206mm

**711633**

**TWIST 16/3 / Extra Low Voltage** wrench open, L=204mm

**71163062**

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



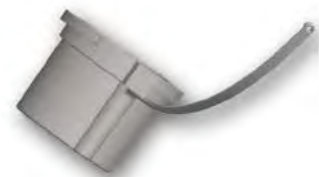
16	3	10	20163
16	4	10	20164
16	5	10	20165
32	3	10	} 203234
32	4	10	
32	5	10	
			20325



0152-6TT + 20165



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



## Cable gland IP68, black

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

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

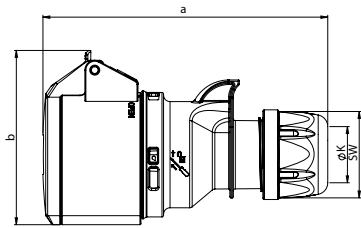




# CEE Connectors

## Connector IP44

### SHARK



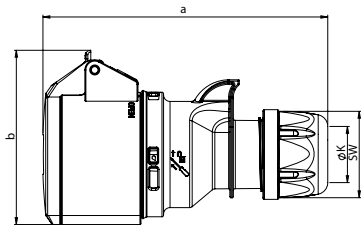
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	133	138	145	161	161	168
b [mm]	74	82	89	94	94	99
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	134	161	188	228	244	270

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

IP44 splashproof

## Connector IP44

### SHARK TT



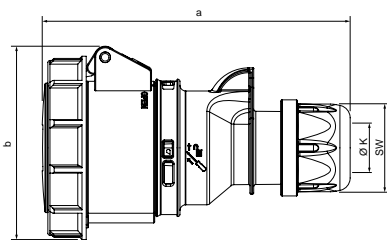
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	133	138	145	161	161	168
b [mm]	74	82	89	94	94	99
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
SW [mm]	42	42	42	50	50	50
Weight [g]	136	161	193	228	243	271

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

IP44 splashproof

## Connector IP66/67

### SHARK



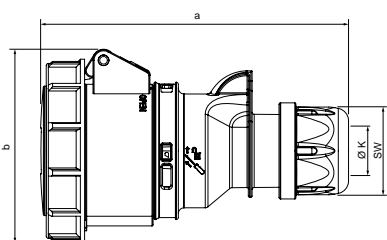
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	132	139	147	163	163	171
b [mm]	78	84	92	96	96	102
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	155	186	227	275	292	338

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

IP66/67 watertight

## Connector IP66/67

### SHARK TT



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

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

IP66/67 watertight

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



215-6

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



215-6TT

Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
16	3	10	2132-4	<b>2132-6</b>	2132-9	2132-7	2132-10	2132-2
16	4	10	2142-4	2142-9	<b>2142-6</b>	2142-7	2142-10	2142-2
16	5	10	2152-4	2152-9	<b>2152-6</b>	2152-7	2152-10	2152-2
32	3	10	2232-4	<b>2232-6</b>	2232-9	2232-7	2232-10	2232-2
32	4	10	2242-4	2242-9	<b>2242-6</b>	2242-7	2242-10	2242-2
32	5	10	2252-4	2252-9	<b>2252-6</b>	2252-7	2252-10	2252-2



2252-6

Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
16	3	10	2132-4TT	<b>2132-6TT</b>	2132-9TT			
16	4	10	2142-4TT	2142-9TT	<b>2142-6TT</b>			
16	5	10	2152-4TT	2152-9TT	<b>2152-6TT</b>			
32	3	10	2232-4TT	<b>2232-6TT</b>	2232-9TT			
32	4	10	2242-4TT	2242-9TT	<b>2242-6TT</b>			
32	5	10	2252-4TT	2252-9TT	<b>2252-6TT</b>			



2252-6TT

# CEE Connectors

## Connector IP44/54

### GRIP

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

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

IP44/54 splashproof

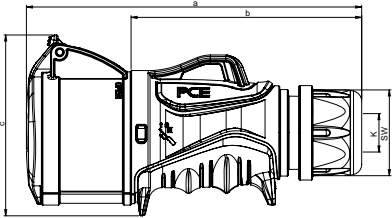
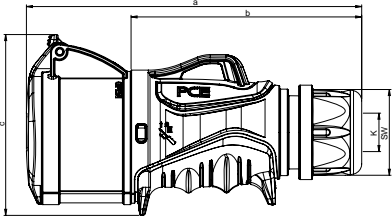
## Connector IP44/54

### GRIP TT

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

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

IP44/54 splashproof



## STANDARD

with screw terminals



## TURBO TERMINAL

screwless connection technology



**TURBO** click  
**TERMINAL**

## MIDNIGHT

also available in „black“ with screw terminals



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



2153-6

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

**TURBO** click  
**TERMINAL**



2253-6TT

## MORE GRIP MORE „POWER“

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



# CEE Connectors

## Connector IP44

### POWER TWIST

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

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

IP44 splashproof

## Connector IP66/67

### POWER TWIST

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

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

IP66/67 watertight

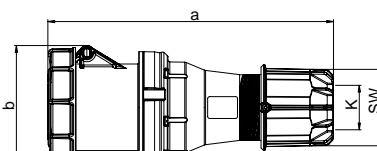
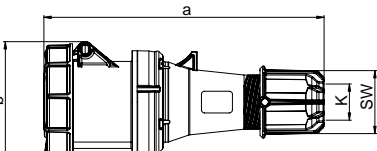
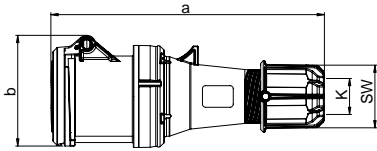
## Connector IP66/67

### POWER TWIST

	125 Amp		
	3	4	5
Poles	3	4	5
a [mm]	287	287	287
b [mm]	124	124	124
K_cable Ø [mm]	22,5-50	22,5-50	22,5-50
Wire flexible [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~	>50-500V~
			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	2331-2
63	4	2	2341-4	2341-9	<b>2341-6</b>	2341-7	2341-10	2341-2
63	5	2	2351-4	2351-9	<b>2351-6</b>	2351-7	2351-10	2351-2



2351-6

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



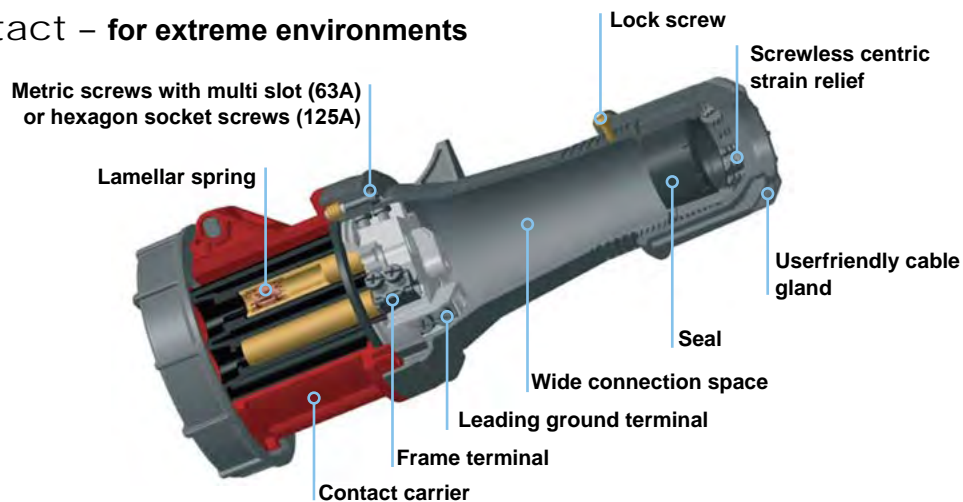
235-6

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



245-6

## One contact – for extreme environments









**CEE WALL AND FLANGED SOCKETS**  
**16A - 125A**

## CEE Wall and flanged sockets

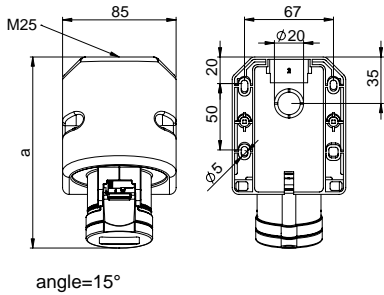


	Page	
CEE Wall sockets	60	
CEE Flanged sockets straight	72	
CEE Flanged sockets sloping	85	
CEE Design-Sockets	98	



# CEE Wall sockets

## Wall socket IP44

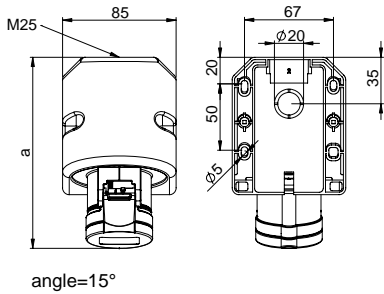


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	142	145	144	155	155	157
<b>Height [mm]</b>	97	98	104	106	106	111
<b>M [mm]</b>	25	25	25	25	25	25
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10		
<b>Contact screws [Ncm]</b>	100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

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

**IP44** splashproof

## Wall socket IP44 TT

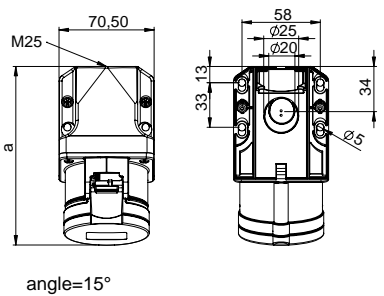


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	142	145	144	155	155	157
<b>Height [mm]</b>	97	98	104	106	106	111
<b>M [mm]</b>	25	25	25	25	25	25
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10		
<b>Weight [g]</b>	228	240	264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

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

**IP44** splashproof

## Wall socket IP44

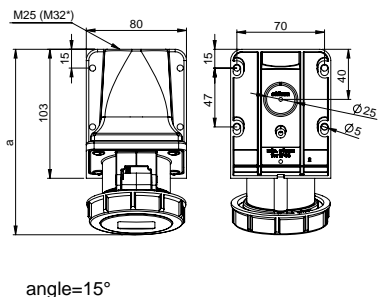


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	132	133	133	145	145	145
<b>Height [mm]</b>	94	97	100	103	103	107
<b>M [mm]</b>	25	25	25	25	25	25
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10		
<b>Contact screws [Ncm]</b>	100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

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

**IP44** splashproof

## Wall socket IP67



	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	146	148	148	161	161	163
<b>Height [mm]</b>	96	99	102	108	108	112
<b>M* [mm]</b>	25	25	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>	226	241	275	298	314	351

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

**IP67** watertight

\*M32 optional on request available



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

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	113-2
16	4	10	114-4	114-9	<b>114-6</b>	114-7	114-10	114-2
16	5	10	115-4	115-9	<b>115-6</b>	115-7	115-10	115-2
32	3	10	123-4	<b>123-6</b>	123-9	123-7	123-10	123-2
32	4	10	124-4	124-9	<b>124-6</b>	124-7	124-10	124-2
32	5	10	125-4	125-9	<b>125-6</b>	125-7	125-10	125-2



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>			



113-6TT

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



115-6k

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



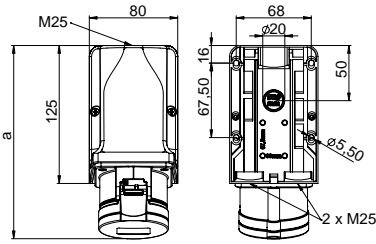
1152-6

- 
- 
- 
- 
- 
- 
-



# CEE Wall sockets

## Wall socket IP44



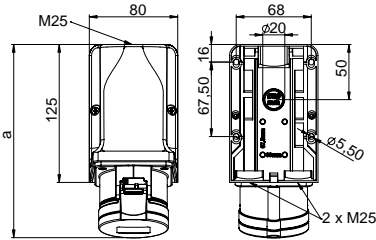
angle=15°

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	175	176	176	188	188	188
<b>Height [mm]</b>	127	130	133	136	136	141
<b>M [mm]</b>	3x25	3x25	3x25	3x25	3x25	3x25
<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>	291	304	322	338	355	382

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

**IP44** splashproof

## Wall socket IP44



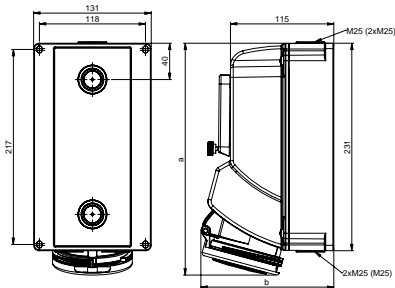
angle=15°

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	175	176	176	188	188	188
<b>Height [mm]</b>	127	130	133	136	136	141
<b>M [mm]</b>	3x25	3x25	3x25	3x25	3x25	3x25
<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>	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



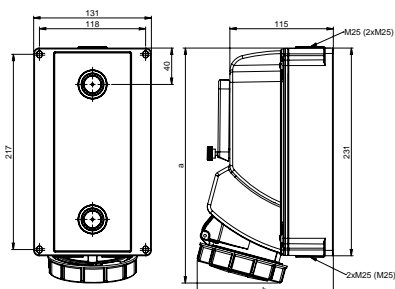
	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	249	249	249	259	259	259
<b>b [mm]</b>	141	141	141	142	142	148
<b>M* [mm]</b>	3x25	3x25	3x25	3x25	3x25	3x25
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5			2,5-6		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10		
<b>Weight [g]</b>	917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

\* Option: M32 or closed

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

**IP44/54** splashproof

## Wall socket with window IP67



	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	253	253	253	259	259	259
<b>b [mm]</b>	141	141	141	145	145	153
<b>M* [mm]</b>	3x25	3x25	3x25	3x25	3x25	3x25
<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>	952	957	1002	1007	1020	1068

\* Option: M32 or closed

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

**IP67** watertight

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



915-6

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



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



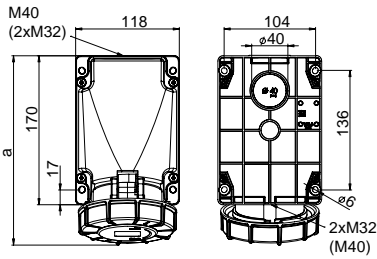
752523-6



# CEE Wall sockets

## Wall socket IP66/67

## POWER TWIST



angle=15°

	63 Amp		
	3	4	5
Poles	3	4	5
a [mm]	213	213	213
Height [mm]	173	173	173
Wire flexible [mm <sup>2</sup> ]	6-16		
Wire solid [mm <sup>2</sup> ]	6-25		
Contact screws [Ncm]	200		
Weight [g]	820	869	923

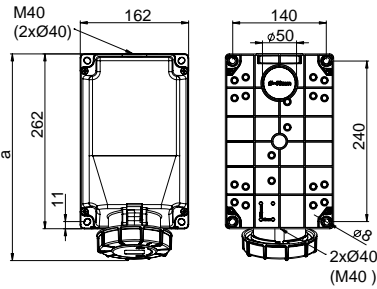
- contact frame with screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact add a „5“ e.g. 1335-6 (see page 8)
  - to order with pilot contact system (PCS) add a „6“ e.g. 1336-6 (see page 8)
- top, bottom or rear entry
- housing can be rotated by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

IP66/67 watertight

IP44 on request

## Wall socket IP66/67

## POWER TWIST



angle=15°

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

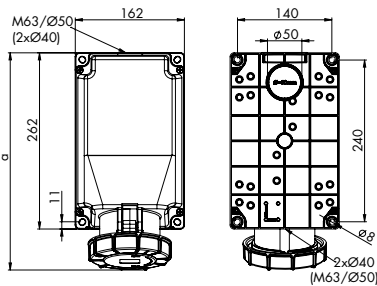
- contact frame with screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact add a „5“ e.g. 13575-6 (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 13576-6 (see page 8)
- top, bottom or rear entry
- housing can be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

IP66/67 watertight

IP44 on request

## Wall socket IP66/67

## POWER TWIST



angle=15°

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

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

IP66/67 watertight

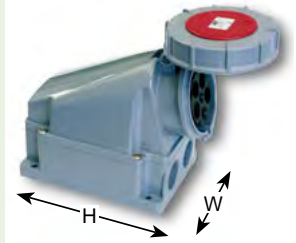
### Advantages:

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

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

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

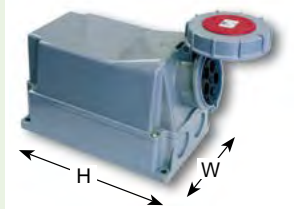
63	3	2	133-4	<b>133-6</b>	133-9	133-7	133-10	133-2
63	4	2	134-4	134-9	<b>134-6</b>	134-7	134-10	134-2
63	5	2	135-4	135-9	<b>135-6</b>	135-7	135-10	135-2



135-6

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

63	3	2	1337-4	<b>1337-6</b>	1337-9	1337-7	1337-10	1337-2
63	4	2	1347-4	1347-9	<b>1347-6</b>	1347-7	1347-10	1347-2
63	5	2	1357-4	1357-9	<b>1357-6</b>	1357-7	1357-10	1357-2



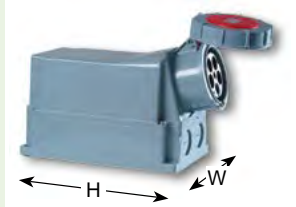
1357-6

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

125	3	1	143-4	<b>143-6</b>	143-9	143-7	143-10	143-2
-----	---	---	-------	--------------	-------	-------	--------	-------

**Basic unit HxWxD = 262x162x205; 1xM63; 2xØ40**

125	4	1	144-4	144-9	<b>144-6</b>	144-7	144-10	144-2
125	5	1	145-4	145-9	<b>145-6</b>	145-7	145-10	145-2



145-6

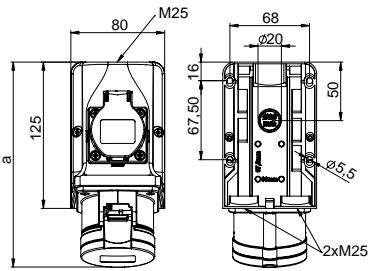


Accessories (cable glands) see page 51

- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
-

# CEE Wall sockets COMBO

## Wall socket COMBO IP44



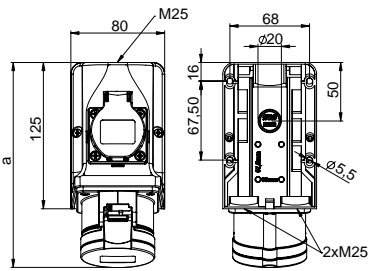
angle=15°

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

- with screw terminals
- wall socket with integrated safety socket according to Austrian/German system
- connecting terminals up to 10 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



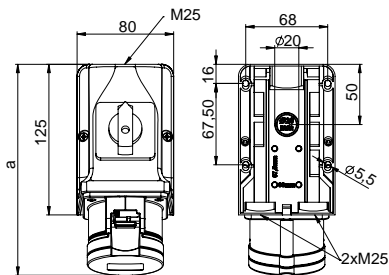
angle=15°

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

- with screw terminals
- wall socket with integrated safety socket according to Austrian/German system
- connecting terminals up to 10 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°

Poles	16 Amp	32 Amp
	5	5
a [mm]	176	188
Height [mm]	133	143
M [mm]	3x25	3x25
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]	448	543

- 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
- top, 2x bottom or rear entry
- incl. threaded cable grommet

**IP44** splashproof



**230V~**

50/60Hz  
3p=6h  
4p+5p=9h

**400V~**

50/60Hz  
3p=9h  
4p+5p=6h

Amp.	Poles	pack unit
16	3	5
16	4	5
16	5	5
32	3	5
32	4	5
32	5	5

**Cat.No.**

**Cat.No.**

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



9215-6w

16	5	5
32	5	5

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

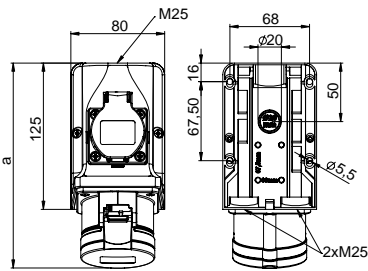


75915-6

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

# CEE Wall sockets COMBO

## Wall socket COMBO IP44



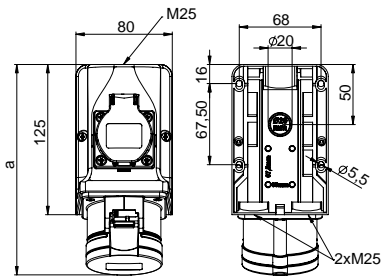
angle=15°

	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>a [mm]</b>	175	176	176	188	188	188
<b>Height [mm]</b>	127	130	133	136	136	141
<b>M [mm]</b>	3x25	3x25	3x25	3x25	3x25	3x25
<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 CEE [Ncm]</b>	100			110		
<b>Screw terminals [Ncm]</b>	120					
<b>Weight [g]</b>	387	404	423	454	469	480

- with screw terminals
- wall socket with integrated safety socket according to **Belgian/French system**
- connecting terminals up to 10 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

## 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 [mm]</b>	175	176	176	188	188	188
<b>Height [mm]</b>	128	130	133	137	137	143
<b>M [mm]</b>	3x25	3x25	3x25	3x25	3x25	3x25
<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 CEE [Ncm]</b>	100			110		
<b>Screw terminals [Ncm]</b>	120					
<b>Contact screws SSD [Ncm]</b>	80					
<b>Weight [g]</b>	352	369	388	409	424	435

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

**IP44** splashproof

**230V~**

50/60Hz  
3p=6h  
4p+5p=9h

**400V~**

50/60Hz  
3p=9h  
4p+5p=6h

Amp.	Poles	pack unit
16	3	5
16	4	5
16	5	5
32	3	5
32	4	5
32	5	5

**Cat.No.**

**Cat.No.**

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



9215-6f

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

**9213-6fw**

9214-9fw

**9214-6fw**

**9215-6fw**

**9223-6fw**

9224-9fw

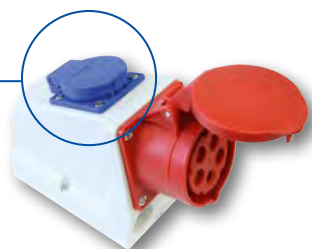
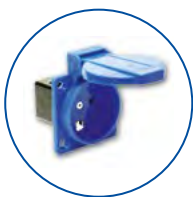
**9224-6fw**

**9225-6fw**



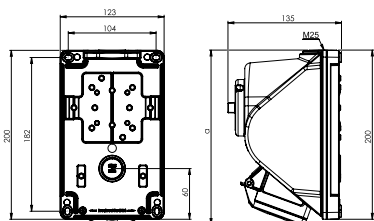
9215-6fw

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



# CEE Wall sockets COMBOPOL

## Wall socket COMBO-POL with flanged socket sloping



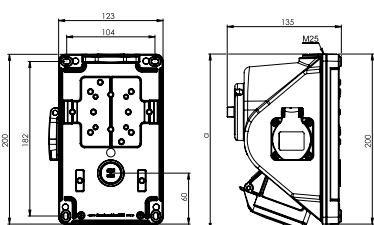
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	208	209	207	211	211	212
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	1-4			2,5-10		
Weight [g]	675	695	705	755	780	805

- 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

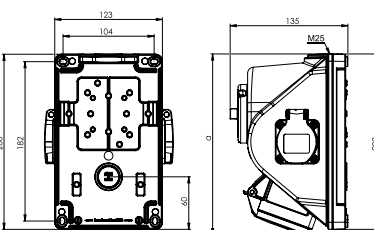


Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a [mm]	208	209	207	211	211	212
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	1-4			2,5-10		
Weight [g]	675	695	705	755	780	805

- 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 Belg./French, 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 Belg./French, Danish, British and Swiss sockets
- design with rotary lever on request

IP44 splashproof

### Technical data:

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

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



96061550

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



96062551

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



96061552

Other versions on request!





## Flanged sockets

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

### Versions:

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

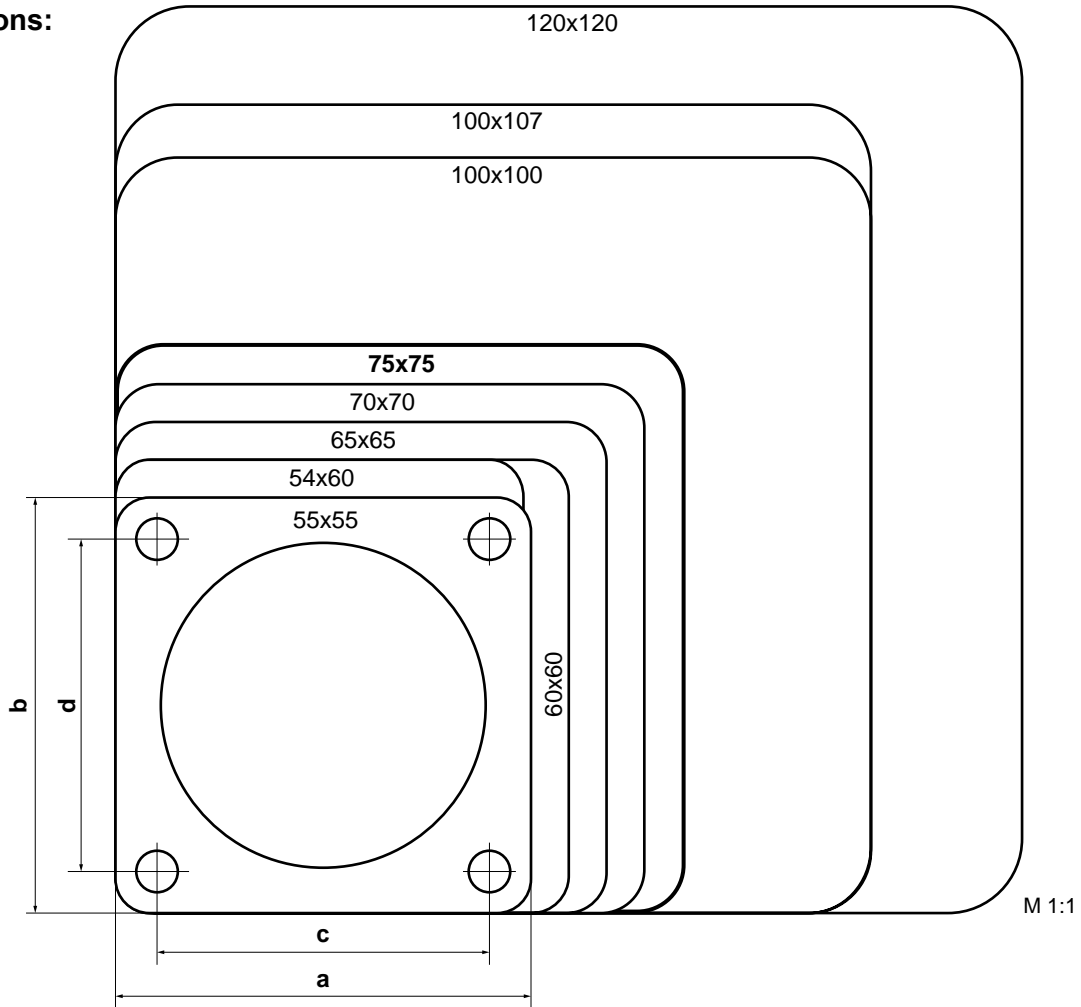
### Advantages:

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



# CEE Flanged sockets straight

Dimensions:



Versions:

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

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

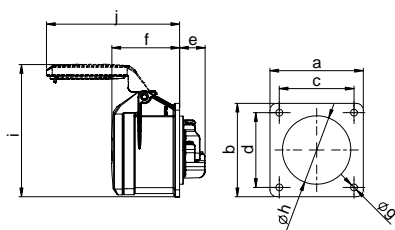
# CEE Flanged sockets straight

## Flanged socket straight IP44

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

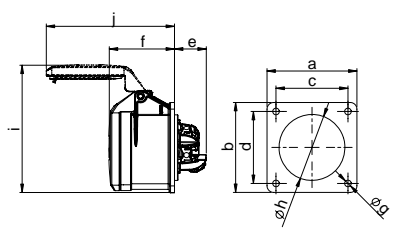


## Flanged socket straight IP44 TT

	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	132	155	167	182	211

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

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

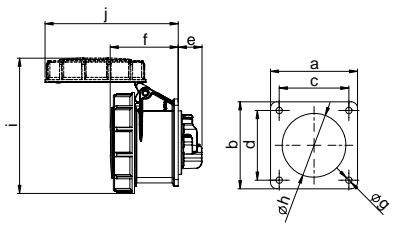


## Flanged socket straight IP67

	16 Amp			32 Amp		
	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	183	206	222	260

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

**IP67** watertight

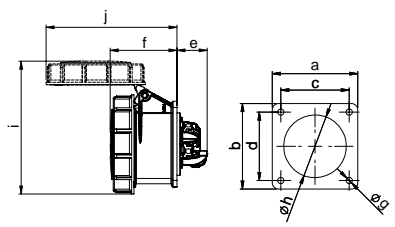


## Flanged socket straight IP67 TT

	16 Amp			32 Amp		
	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

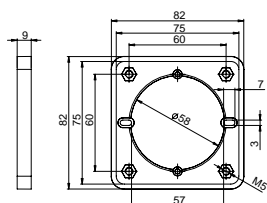
**IP67** watertight



## Cable conduit installation

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

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



Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			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	313-2f7
16	4	10	314-4f7	314-9f7	<b>314-6f7</b>	314-7f7	314-10f7	314-2f7
16	5	10	315-4f7	315-9f7	<b>315-6f7</b>	315-7f7	315-10f7	315-2f7
32	3	10	323-4f7	<b>323-6f7</b>	323-9f7	323-7f7	323-10f7	323-2f7
32	4	10	324-4f7	324-9f7	<b>324-6f7</b>	324-7f7	324-10f7	324-2f7
32	5	10	325-4f7	325-9f7	<b>325-6f7</b>	325-7f7	325-10f7	325-2f7



315-6f7

Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			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>			

**TURBO**clicks  
**TERMINAL**



313-6TTf7

Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			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	3132-2
16	4	10	3142-4	3142-9	<b>3142-6</b>	3142-7	3142-10	3142-2
16	5	10	3152-4	3152-9	<b>3152-6</b>	3152-7	3152-10	3152-2
32	3	10	3232-4	<b>3232-6</b>	3232-9	3232-7	3232-10	3232-2
32	4	10	3242-4	3242-9	<b>3242-6</b>	3242-7	3242-10	3242-2
32	5	10	3252-4	3252-9	<b>3252-6</b>	3252-7	3252-10	3252-2



3152-6

Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			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>			

**TURBO**clicks  
**TERMINAL**

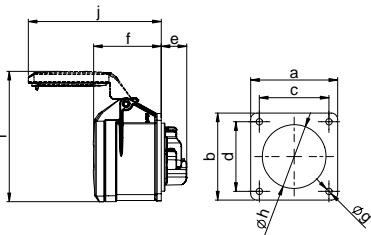


3132-6TT



# CEE Flanged sockets straight

## Flanged socket straight IP44

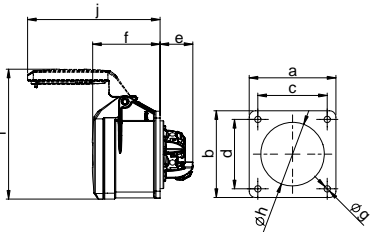


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	70	70	70	70	70	70
<b>Fixing center c x d [mm]</b>	56	56	56	56	56	56
<b>e [mm]</b>	21	21	21	23	23	23
<b>f [mm]</b>	55	55	55	67	67	67
<b>g [mm]</b>	5,5	5,5	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	45	55	55	55	58
<b>i [mm]</b>	87	101	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	141	162	178	206

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

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

## Flanged socket straight IP44 TT

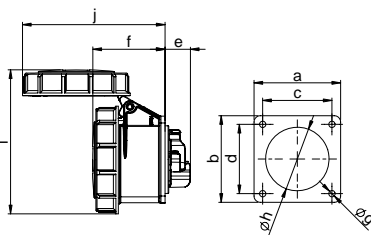


	16 Amp			32 Amp		
	3	4	5	3	4	5
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	70	70	70	70	70	70
<b>Fixing center c x d [mm]</b>	56	56	56	56	56	56
<b>e [mm]</b>	27	27	27	27	27	27
<b>f [mm]</b>	55	55	55	67	67	67
<b>g [mm]</b>	5,5	5,5	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	45	55	55	55	58
<b>i [mm]</b>	87	101	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	146	161	178	207

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

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

## Flanged socket straight IP67

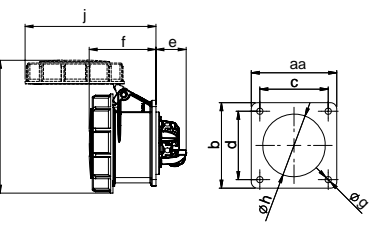


	16 Amp		32 Amp
	3	5	5
<b>Poles</b>	3	5	5
<b>Flange a x b [mm]</b>	70	70	70
<b>Fixing center c x d [mm]</b>	56	56	56
<b>e [mm]</b>	21	21	23
<b>f [mm]</b>	56	59	71
<b>g [mm]</b>	5,5	5,5	5,5
<b>h [mm]</b>	43	55	58
<b>i [mm]</b>	102	117	130
<b>j [mm]</b>	101	115	136
<b>Wire flexible [mm<sup>2</sup>]</b>	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. 3152-6f70v

**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. 3152-6TTf70v

**IP67** watertight



Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			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	313-2
16	4	10	314-4	314-9	<b>314-6</b>	314-7	314-10	314-2
16	5	10	315-4	315-9	<b>315-6</b>	315-7	315-10	315-2
32	3	10	323-4	<b>323-6</b>	323-9	323-7	323-10	323-2
32	4	10	324-4	324-9	<b>324-6</b>	324-7	324-10	324-2
32	5	10	325-4	325-9	<b>325-6</b>	325-7	325-10	325-2



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>			

TURBOclick  
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	3132-2f70
16	5	10	3152-4f70	3152-9f70	<b>3152-6f70</b>	3152-7f70	3152-10f70	3152-2f70
32	5	10	3252-4f70	3252-9f70	<b>3252-6f70</b>	3252-7f70	3252-10f70	3252-2f70



3132-6f70

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

TURBOclick  
TERMINAL

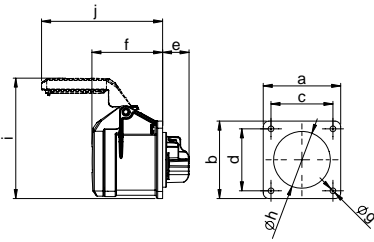


3132-6ttf70

Information icons and symbols including a question mark, a terminal block icon, a lightning bolt, a game controller, and a hash symbol.

# CEE Flanged sockets straight

## Flanged socket straight IP44

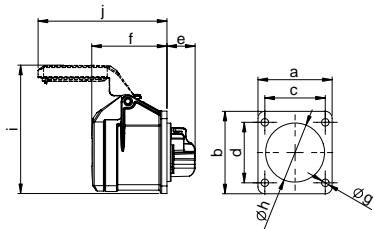


	16 Amp		16 Amp	
	3	4	3	4
Poles	3	4	3	4
Flange a x b [mm]	65	65	60	60
Fixing center c x d [mm]	52	52	47	47
e [mm]	21	21	21	21
f [mm]	55	55	55	55
g [mm]	5,5	5,5	5,5	5,5
h [mm]	43	45	43	45
i [mm]	84	99	82	99
j [mm]	101	100	101	101
Wire flexible [mm <sup>2</sup> ]			1-2,5	
Wire solid [mm <sup>2</sup> ]	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

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

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

## Flanged socket straight IP44

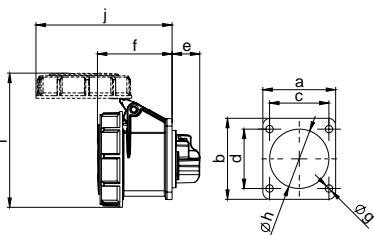


	16 Amp		16 Amp	
	3	3	3	3
Poles	3	3	3	3
Flange a [mm]	54		55	
Flange b [mm]	60		55	
Fixing center c x d [mm]	44		44	
e [mm]	21		21	
f [mm]	55		55	
g [mm]	5,5		5,5	
h [mm]	43		43	
i [mm]	82		80	
j [mm]	101		101	
Wire flexible [mm <sup>2</sup> ]			1-2,5	
Wire solid [mm <sup>2</sup> ]			1-4	
Contact screws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

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

**IP44/54** splashproof and dustproof

## Flanged socket straight IP67



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

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

**IP67** watertight

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

			110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
<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	313-2f0
16	4	10	314-4f0	314-9f0	<b>314-6f0</b>	314-7f0	314-10f0	314-2f0
<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	313-2f6
16	4	10	314-4f6	314-9f6	<b>314-6f6</b>	314-7f6	314-10f6	314-2f6



313-6f0

			110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
<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	313-2f9
<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	313-2f5



313-6f9

			110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
<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	3132-2f0
<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	3132-2f6
<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	3132-2f9
<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	3132-2f5

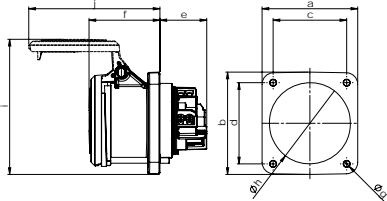


3132-6f9

- 
- 
- 
- 
- 
- 
- 
-

# CEE Flanged sockets straight

## Flanged socket straight IP44 POWER TWIST

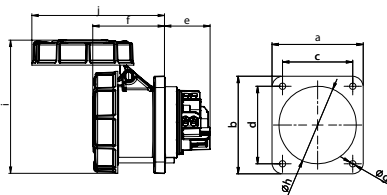


	63 Amp			63 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100
Flange b [mm]	100	100	100	107	107	107
Fixing center c [mm]	80	80	80	77	77	77
Fixing center d [mm]	80	80	80	85	85	85
e [mm]	50	50	50	50	50	50
f [mm]	75	75	75	75	75	75
g [mm]	7	7	7	7	7	7
h [mm]	85	85	85	85	85	85
i [mm]	138	138	138	142	142	142
j [mm]	138	138	138	138	138	138
Wire flexible [mm <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

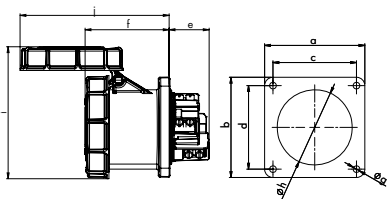


	63 Amp			63 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100
Flange b [mm]	100	100	100	107	107	107
Fixing center c [mm]	80	80	80	77	77	77
Fixing center d [mm]	80	80	80	85	85	85
e [mm]	50	50	50	50	50	50
f [mm]	80	80	80	80	80	80
g [mm]	7	7	7	7	7	7
h [mm]	85	85	85	85	85	85
i [mm]	147	147	147	147	147	147
j [mm]	146	146	146	146	146	146
Wire flexible [mm <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



	125 Amp		
	3	4	5
Poles	3	4	5
Flange a x b [mm]	120	120	120
Fixing center c x d [mm]	100	100	100
e [mm]	48	48	48
f [mm]	101	101	101
g [mm]	8	8	8
h [mm]	90	90	90
i [mm]	159	159	159
j [mm]	179	179	179
Wire flexible [mm <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~ 50/60Hz 4h	230V~ 50/60Hz 3p=6h 4p+5p=9h	400V~ 50/60Hz 3p=9h 4p+5p=6h	500V~ 50/60Hz 7h	>50- 500V~ 100-300Hz 10h	>50- 500V~ 301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

			flange 100 x 100 - fixing center 80 x 80					
63	3	2	3331-4	<b>3331-6</b>	3331-9	3331-7	3331-10	3331-2
63	4	2	3341-4	3341-9	<b>3341-6</b>	3341-7	3341-10	3341-2
63	5	2	3351-4	3351-9	<b>3351-6</b>	3351-7	3351-10	3351-2
			flange 100 x 107 - fixing center 77 x 85					
63	3	2	3331-4fc	<b>3331-6fc</b>	3331-9fc	3331-7fc	3331-10fc	3331-2fc
63	4	2	3341-4fc	3341-9fc	<b>3341-6fc</b>	3341-7fc	3341-10fc	3341-2fc
63	5	2	3351-4fc	3351-9fc	<b>3351-6fc</b>	3351-7fc	3351-10fc	3351-2fc



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



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	343-2
125	4	2	344-4	344-9	<b>344-6</b>	344-7	344-10	344-2
125	5	2	345-4	345-9	<b>345-6</b>	345-7	345-10	345-2

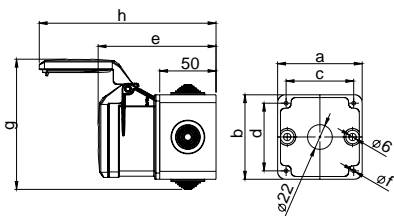


345-6

- 
- 
- 
- 
- 
- 
- 
-



# Accessories for flanged sockets

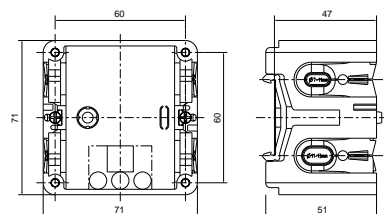


## Surface outlet with/for flanged sockets 75x75

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
Flange a x b [mm]	75	75	75	75	75	75
Fixing center c x d [mm]	60	60	60	60	60	60
e [mm]	105	105	105	115	115	115
f [mm]	3,3	3,3	3,3	3,3	3,3	3,3
g [mm]	110	113	116	118	118	122
h [mm]	144	152	157	172	172	77
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]	190	205	220	260	270	295

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 80015-6v
- suitable for flanged sockets 16A, 32A (75x75)
- available with 2, 4 or without lead-through nipple

**IP44** splashproof



## 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
- colour: 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 of 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**

**230V~**  
50/60Hz  
3p=6h  
4p+5p=9h

**400V~**  
50/60Hz  
3p=9h  
4p+5p=6h

Ampere	Poles	pack. unit
16	3	10
16	4	10
16	5	10
16	3	10
16	4	10
16	5	10
16	3	10
16	4	10
16	5	10

32A and special clock positions - available on request!

Cat.No.	Cat.No.
<b>surface outlet complete</b>	<b>surface outlet empty</b>
80013-6	80014-6 80015-6
80213-6	80214-6 80215-6
80413-6	80414-6 80415-6

80000 } without nipple  
80200 } 2 nipples  
80400 } 4 nipples



80415-6

		1
--	--	---

	<b>37004701</b>
--	-----------------



37004701

16	5	1
32	5	1

	<b>81315-6</b>
	<b>81325-6</b>



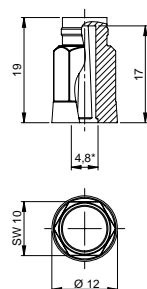
Example of use:



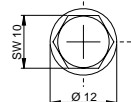
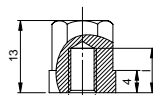
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
-

# Mounting accessories for flanged sockets

## plastic nut with collar (isolated)



d	M4	M5	M6
l	6	8	9

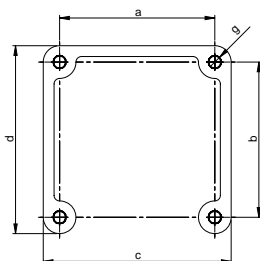
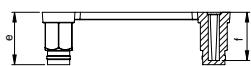


\* recommended screw diameter

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

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

## plastic nut 4-times (isolated)



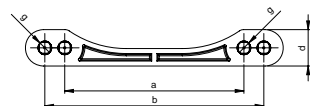
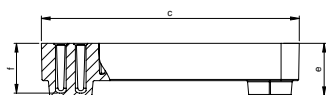
	38x38	50x65	56x56	58x33	60x60	60x73
a	38	50	56	58	60	60
b	38	65	56	33	60	73
c	50	62	68	70	72	72
d	49	77	68	45	73	85
e	14	19	19	19	19	19
f	10	17	17	17	17	17
g*	4,2	4,8	4,8	4,8	4,8	4,8

\* recommended screw diameter

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

size	pack. unit	Cat.No.
38x38	500	<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



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

\* recommended screw diameter

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

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

## Mounting example:

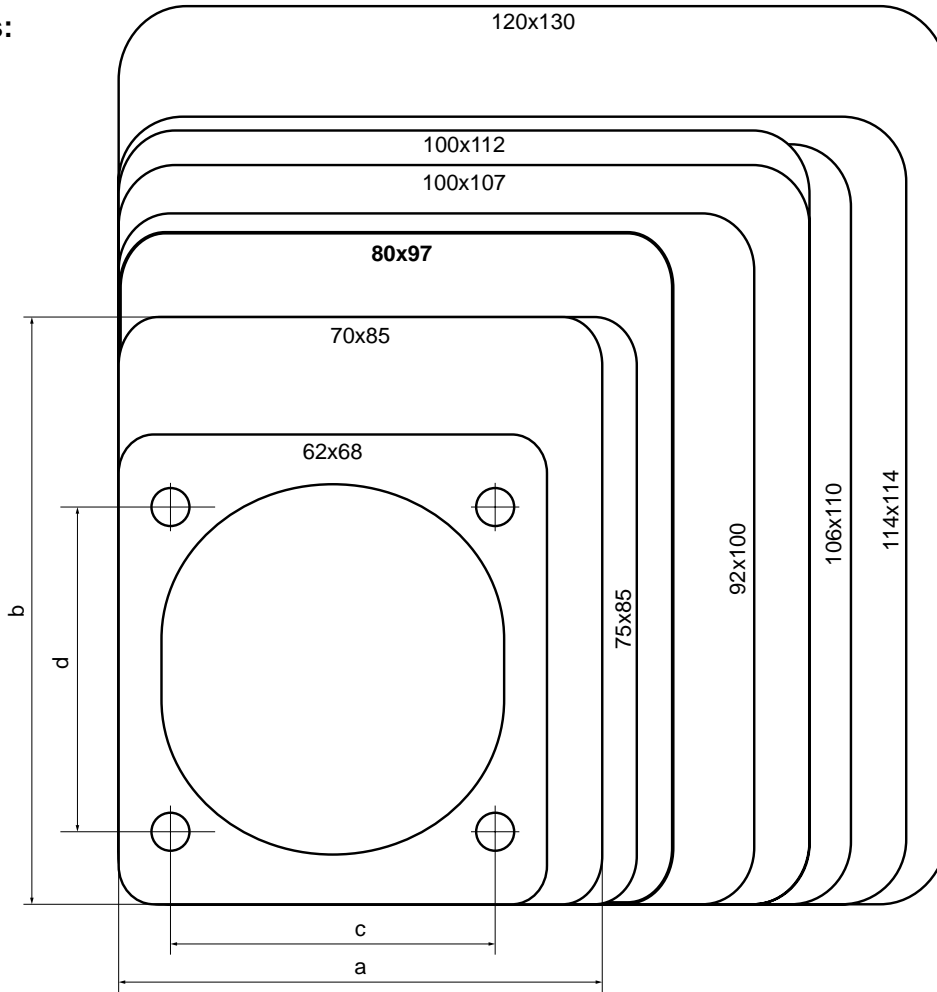
**tm43838s**  
safety socket  
flange: 50x50mm  
fixing center: 38x38mm

**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	92-93	IP44*											
70	85	50	65	88-89	IP44*	IP44*										
					IP67*	IP67*										
75	85	60	60	90-91	IP44*	IP44*	IP44*									
					IP67*	IP67*	IP67*									
80	97	60	73	86-87	IP44*	IP44*	IP44*	IP44*	IP44*	IP44*						
					IP67*	IP67*	IP67*	IP67*	IP67*	IP67*						
92	100	77	85	94-95	IP44*	IP44*	IP44*	IP44*	IP44*	IP44*						
					IP67*	IP67*	IP67*	IP67*	IP67*	IP67*						
100	107	77	85	96-97							IP44	IP44	IP44			
											IP67	IP67	IP67			
100	112	80	88	96-97							IP44	IP44	IP44			
											IP67	IP67	IP67			
106	110	90	90	96-97							IP44	IP44	IP44			
											IP67	IP67	IP67			
114	114	90	90	96-97										IP67	IP67	IP67
120	130	100	108	96-97										IP67	IP67	IP67

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

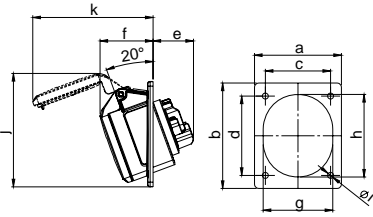
# CEE Flanged sockets sloping

## Flanged socket sloping IP44

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

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

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

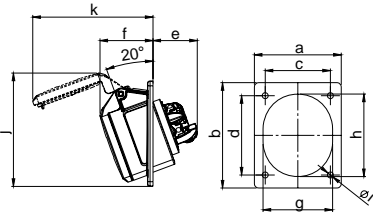


## Flanged socket sloping IP44 TT

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	41	41	41	48	48	48
f [mm]	47	47	49	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	97	103	105	105	105	99
k [mm]	99	104	111	119	119	130
Wire flexible [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** splashproof  
**IP44/54** 16/3; 16/5 and 32/5 are splash- and dustproof

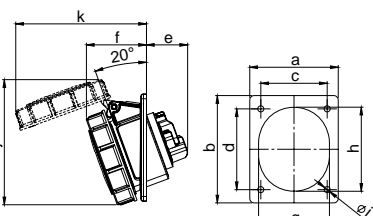


## Flanged socket sloping IP67

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	38	38	38	48	48	48
f [mm]	50	52	55	59	59	61
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	102	106	114	120	120	127
k [mm]	103	110	119	127	127	133
Wire flexible [mm <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. 4152-6f78v

**IP67** watertight

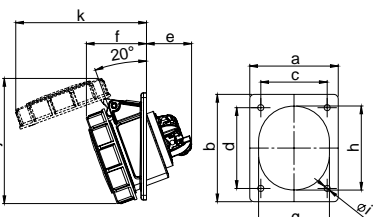


## Flanged socket sloping IP67 TT

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	41	41	41	48	48	48
f [mm]	50	52	55	59	59	61
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	102	106	114	120	120	127
k [mm]	103	110	119	127	127	133
Wire flexible [mm <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~ 50/60Hz 4h	230V~ 50/60Hz 3p=6h 4p+5p=9h	400V~ 50/60Hz 3p=9h 4p+5p=6h	500V~ 50/60Hz 7h	>50- 500V~ 100-300Hz 10h	>50- 500V~ 301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

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

16	3	10	413-4f8	<b>413-6f8</b>	413-9f8	413-7f8	413-10f8	413-2f8
16	4	10	414-4f8	414-9f8	<b>414-6f8</b>	414-7f8	414-10f8	414-2f8
16	5	10	415-4	415-9	<b>415-6</b>	415-7	415-10	415-2
32	3	10	423-4	<b>423-6</b>	423-9	423-7	423-10	423-2
32	4	10	424-4	424-9	<b>424-6</b>	424-7	424-10	424-2
32	5	10	425-4	425-9	<b>425-6</b>	425-7	425-10	425-2



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>			
32	3	10	423-4TT	<b>423-6TT</b>	423-9TT			
32	4	10	424-4TT	424-9TT	<b>424-6TT</b>			
32	5	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	4132-2f8
16	4	10	4142-4f8	4142-9f8	<b>4142-6f8</b>	4142-7f8	4142-10f8	4142-2f8
16	5	10	4152-4f78	4152-9f78	<b>4152-6f78</b>	4152-7f78	4152-10f78	4152-2f78
32	3	10	4232-4f78	<b>4232-6f78</b>	4232-9f78	4232-7f78	4232-10f78	4232-2f78
32	4	10	4242-4f78	4242-9f78	<b>4242-6f78</b>	4242-7f78	4242-10f78	4242-2f78
32	5	10	4252-4f78	4252-9f78	<b>4252-6f78</b>	4252-7f78	4252-10f78	4252-2f78



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>			
32	3	10	4232-4TTf78	<b>4232-6TTf78</b>	4232-9TTf78			
32	4	10	4242-4TTf78	4242-9TTf78	<b>4242-6TTf78</b>			
32	5	10	4252-4TTf78	4252-9TTf78	<b>4252-6TTf78</b>			

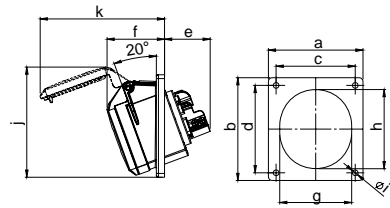
**TURBOclick**  
**TERMINAL**



4152-6TTf78

# CEE Flanged sockets sloping

## Flanged socket sloping IP44

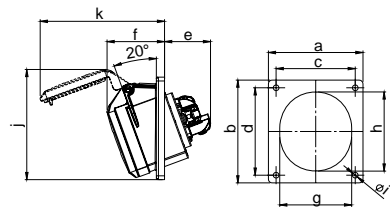


	16 Amp	
	3	4
Poles	3	4
Flange a [mm]	70	70
Flange b [mm]	85	85
Fixing center c [mm]	50	50
Fixing center d [mm]	65	65
e [mm]	38	38
f [mm]	47	47
g [mm]	51	56
h [mm]	61	67
i [mm]	5,5	5,5
j [mm]	85	96
k [mm]	99	104
Wire flexible [mm <sup>2</sup> ]	1-2,5	
Wire solid [mm <sup>2</sup> ]	1-4	
Contact screws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

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

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

## Flanged socket sloping IP44 TT

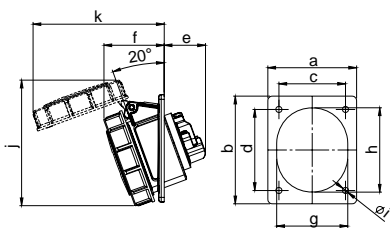


	16 Amp	
	3	4
Poles	3	4
Flange a [mm]	70	70
Flange b [mm]	85	85
Fixing center c [mm]	50	50
Fixing center d [mm]	65	65
e [mm]	41	41
f [mm]	47	47
g [mm]	51	56
h [mm]	61	67
i [mm]	5,5	5,5
j [mm]	85	96
k [mm]	99	104
Wire flexible [mm <sup>2</sup> ]	1-2,5	
Wire solid [mm <sup>2</sup> ]	1-4	
Weight [g]	114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

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

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

## Flanged socket sloping IP67

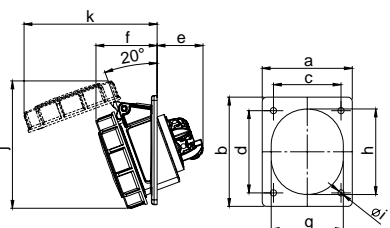


	16 Amp	
	3	4
Poles	3	4
Flange a [mm]	70	70
Flange b [mm]	85	85
Fixing center c [mm]	50	50
Fixing center d [mm]	65	65
e [mm]	38	38
f [mm]	50	52
g [mm]	51	56
h [mm]	61	67
i [mm]	5,5	5,5
j [mm]	97	104
k [mm]	102	111
Wire flexible [mm <sup>2</sup> ]	1-2,5	
Wire solid [mm <sup>2</sup> ]	1-4	
Contact screws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

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

**IP67** watertight

## Flanged socket sloping IP67 TT



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

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

**IP67** watertight

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

Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
<b>flange 70 x 85 - fixing center 50 x 65</b>								
16	3	10	413-4	<b>413-6</b>	413-9	413-7	413-10	413-2
16	4	10	414-4	414-9	<b>414-6</b>	414-7	414-10	414-2



413-6

Amp.	Poles	pack unit	110V~	230V~	400V~
<b>flange 70 x 85 - fixing center 50 x 65</b>					
16	3	10	413-4TT	<b>413-6TT</b>	413-9TT
16	4	10	414-4TT	414-9TT	<b>414-6TT</b>



414-6TT

Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
<b>flange 70 x 85 - fixing center 50 x 65</b>								
16	3	10	4132-4f78	<b>4132-6f78</b>	4132-9f78	4132-7f78	4132-10f78	4132-2f78
16	4	10	4142-4f78	4142-9f78	<b>4142-6f78</b>	4142-7f78	4142-10f78	4142-2f78



4132-6f78

Amp.	Poles	pack unit	110V~	230V~	400V~
<b>flange 70 x 85 - fixing center 50 x 65</b>					
16	3	10	4132-4TTf78	<b>4132-6TTf78</b>	4132-9TTf78
16	4	10	4142-4TTf78	4142-9TTf78	<b>4142-6TTf78</b>

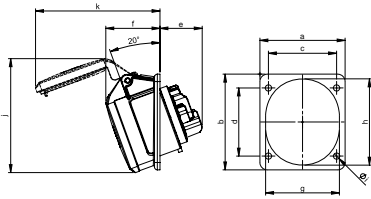


4132-6TTf78



# CEE Flanged sockets sloping

## Flanged socket sloping IP44

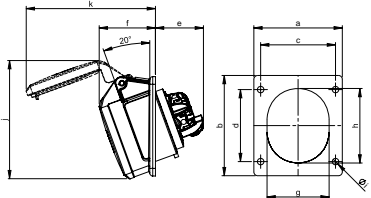


	16 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>Flange a [mm]</b>	75	75	75
<b>Flange b [mm]</b>	85	85	85
<b>Fixing center c x d [mm]</b>	60	60	60
<b>e [mm]</b>	38	38	39
<b>f [mm]</b>	47	47	48
<b>g [mm]</b>	51	56	65
<b>h [mm]</b>	61	67	76
<b>i [mm]</b>	5,5	5,5	5,5
<b>j [mm]</b>	85	96	101
<b>k [mm]</b>	99	104	111
<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>	111	127	153

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

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

## Flanged socket sloping IP44 TT

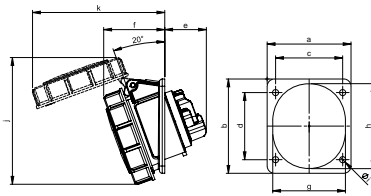


	16 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>Flange a [mm]</b>	75	75	75
<b>Flange b [mm]</b>	85	85	85
<b>Fixing center c x d [mm]</b>	60	60	60
<b>e [mm]</b>	41	41	41
<b>f [mm]</b>	47	47	49
<b>g [mm]</b>	51	56	65
<b>h [mm]</b>	61	67	76
<b>i [mm]</b>	5,5	5,5	5,5
<b>j [mm]</b>	85	96	101
<b>k [mm]</b>	99	104	111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

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

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

## Flanged socket sloping IP67

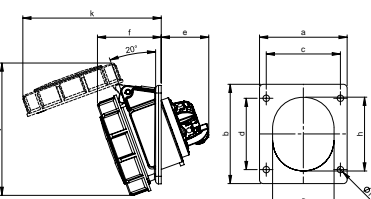


	16 Amp		
	3	4	5
<b>Poles</b>	3	4	5
<b>Flange a [mm]</b>	75	75	75
<b>Flange b [mm]</b>	85	85	85
<b>Fixing center c x d [mm]</b>	60	60	60
<b>e [mm]</b>	38	38	39
<b>f [mm]</b>	49	50	54
<b>g [mm]</b>	51	56	65
<b>h [mm]</b>	61	67	76
<b>i [mm]</b>	5,5	5,5	5,5
<b>j [mm]</b>	97	104	114
<b>k [mm]</b>	102	111	119
<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	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 [mm]</b>	75	75	75
<b>Flange b [mm]</b>	85	85	85
<b>Fixing center c x d [mm]</b>	60	60	60
<b>e [mm]</b>	41	41	41
<b>f [mm]</b>	49	50	54
<b>g [mm]</b>	51	56	65
<b>h [mm]</b>	61	67	76
<b>i [mm]</b>	5,5	5,5	5,5
<b>j [mm]</b>	97	104	114
<b>k [mm]</b>	102	111	119
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5		
<b>Wire solid [mm<sup>2</sup>]</b>	1-4		
<b>Weight [g]</b>	127	148	181

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

**IP67** watertight

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

**flange 75 x 85 - fixing center 60 x 60**

16	3	10	413-4f87	<b>413-6f87</b>	413-9f87	413-7f87	413-10f87	413-2f87
16	4	10	414-4f87	414-9f87	<b>414-6f87</b>	414-7f87	414-10f87	414-2f87
16	5	10	415-4f87	415-9f87	<b>415-6f87</b>	415-7f87	415-10f87	415-2f87



413-6f87



**flange 75 x 85 - fixing center 60 x 60**

16	3	10	413-4TTf87	<b>413-6TTf87</b>	413-9TTf87	413-7TTf87	413-10TTf87	413-2TTf87
16	4	10	414-4TTf87	414-9TTf87	<b>414-6TTf87</b>	414-7TTf87	414-10TTf87	414-2TTf87
16	5	10	415-4TTf87	415-9TTf87	<b>415-6TTf87</b>	415-7TTf87	415-10TTf87	415-2TTf87



413-6TTf87



**flange 75 x 85 - fixing center 60 x 60**

16	3	10	4132-4f87	<b>4132-6f87</b>	4132-9f87	4132-7f87	4132-10f87	4132-2f87
16	4	10	4142-4f87	4142-9f87	<b>4142-6f87</b>	4142-7f87	4142-10f87	4142-2f87
16	5	10	4152-4f87	4152-9f87	<b>4152-6f87</b>	4152-7f87	4152-10f87	4152-2f87



4152-6f87



**flange 75 x 85 - fixing center 60 x 60**

16	3	10	4132-4TTf87	<b>4132-6TTf87</b>	4132-9TTf87	4132-7TTf87	4132-10TTf87	4132-2TTf87
16	4	10	4142-4TTf87	4142-9TTf87	<b>4142-6TTf87</b>	4142-7TTf87	4142-10TTf87	4142-2TTf87
16	5	10	4152-4TTf87	4152-9TTf87	<b>4152-6TTf87</b>	4152-7TTf87	4152-10TTf87	4152-2TTf87



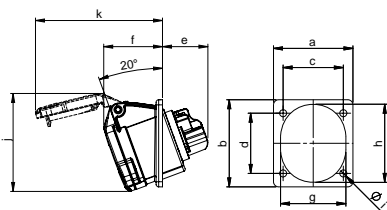
4152-6TTf87





# CEE Flanged sockets sloping - lockable / with switch

## Flanged socket sloping, lockable IP44

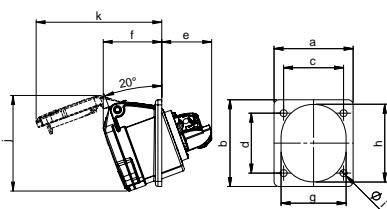


	16 Amp	
<b>Poles</b>	3	
<b>Flange a [mm]</b>	62	
<b>Flange b [mm]</b>	68	
<b>Fixing center c x d [mm]</b>	47	
<b>e [mm]</b>	38	
<b>f [mm]</b>	46	
<b>g [mm]</b>	51	
<b>h [mm]</b>	61	
<b>i [mm]</b>	5,5	
<b>j [mm]</b>	77	
<b>k [mm]</b>	99	
<b>Wire flexible [mm<sup>2</sup>]</b>		1-2,5
<b>Wire solid [mm<sup>2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

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

**IP44/54** splash- and dustproof

## Flanged socket sloping, lockable IP44 TT

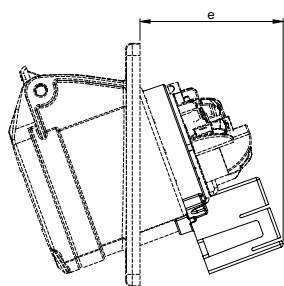


	16 Amp	
<b>Poles</b>	3	
<b>Flange a [mm]</b>	62	
<b>Flange b [mm]</b>	68	
<b>Fixing center c x d [mm]</b>	47	
<b>e [mm]</b>	41	
<b>f [mm]</b>	46	
<b>g [mm]</b>	51	
<b>h [mm]</b>	61	
<b>i [mm]</b>	5,5	
<b>j [mm]</b>	77	
<b>k [mm]</b>	99	
<b>Wire flexible [mm<sup>2</sup>]</b>		1-2,5
<b>Wire solid [mm<sup>2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

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

**IP44/54** splash- and dustproof

## Flanged socket sloping with auxiliary switch

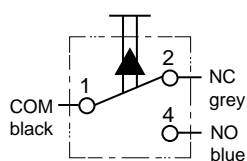


	16 Amp	32 Amp
<b>Poles</b>	3	3
<b>e [mm]</b>	51	58
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5	2,5-6
<b>Wire solid [mm<sup>2</sup>]</b>	1-4	2,5-10
<b>Auxiliary switch:</b>		
<b>Switching capacity</b>	10(1,5)A, 250VAC	
<b>Conductor</b>	3 x 0,75 mm <sup>2</sup>	
<b>Conductor length</b>	500 mm	
<b>Contacts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

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

further technical details please see flanged sockets without auxiliary switch

circuit diagram:



Amp.	Poles	pack unit	110V~ 50/60Hz 4h	230V~ 50/60Hz 3p=6h 4p+5p=9h	400V~ 50/60Hz 3p=9h 4p+5p=6h	500V~ 50/60Hz 7h	>50-500V~ 100-300Hz 10h	>50-500V~ 301-500Hz 2h
			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	413-2f66
----	---	----	----------	-----------------	----------	----------	-----------	----------



flange 62 x 68 - fixing center 47 x 47

16	3	10	413-4TTf66	<b>413-6TTf66</b>	413-9TTf66	413-7TTf66	413-10TTf66	413-2TTf66
----	---	----	------------	-------------------	------------	------------	-------------	------------



Amp.	Poles	pack unit	Cat.No.	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
16	3	10	4132-6h	92x100	77x85	IP67



423-6f9h

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, plug, socket, lock, lightning bolt, microphone, game controller, lightbulb, car, hash symbol #.

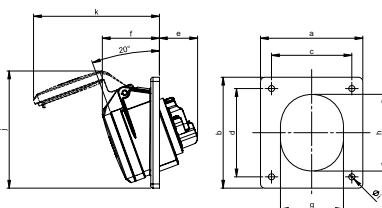
# CEE Flanged sockets sloping

## Flanged socket sloping IP44

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

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

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

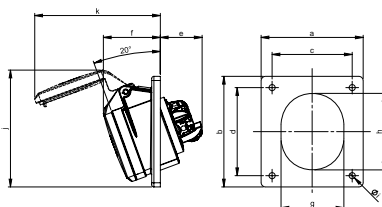


## Flanged socket sloping IP44 TT

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

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

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

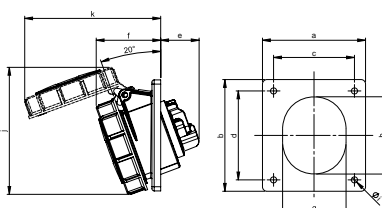


## Flanged socket sloping IP67

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

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

**IP67** watertight

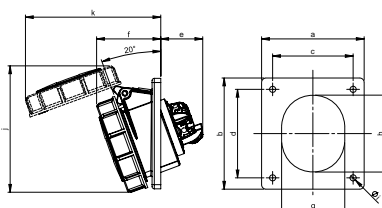


## Flanged socket sloping IP67 TT

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

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

**IP67** watertight



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

**flange 92 x 100 - fixing center 77 x 85**

16	3	10	413-4f9	<b>413-6f9</b>	413-9f9	413-7f9	413-10f9	413-2f9
16	4	10	414-4f9	414-9f9	<b>414-6f9</b>	414-7f9	414-10f9	414-2f9
16	5	10	415-4f9	415-9f9	<b>415-6f9</b>	415-7f9	415-10f9	415-2f9
32	3	10	423-4f9	<b>423-6f9</b>	423-9f9	423-7f9	423-10f9	423-2f9
32	4	10	424-4f9	424-9f9	<b>424-6f9</b>	424-7f9	424-10f9	424-2f9
32	5	10	425-4f9	425-9f9	<b>425-6f9</b>	425-7f9	425-10f9	425-2f9



415-6f9

**flange 92 x 100 - fixing center 77 x 85**

16	3	10	413-4TTf9	<b>413-6TTf9</b>	413-9TTf9			
16	4	10	414-4TTf9	414-9TTf9	<b>414-6TTf9</b>			
16	5	10	415-4TTf9	415-9TTf9	<b>415-6TTf9</b>			
32	3	10	423-4TTf9	<b>423-6TTf9</b>	423-9TTf9			
32	4	10	424-4TTf9	424-9TTf9	<b>424-6TTf9</b>			
32	5	10	425-4TTf9	425-9TTf9	<b>425-6TTf9</b>			

**TURBOclick**  
**TERMINAL**



425-9TTf9

**flange 92 x 100 - fixing center 77 x 85**

16	3	10	4132-4	<b>4132-6</b>	4132-9	4132-7	4132-10	4132-2
16	4	10	4142-4	4142-9	<b>4142-6</b>	4142-7	4142-10	4142-2
16	5	10	4152-4	4152-9	<b>4152-6</b>	4152-7	4152-10	4152-2
32	3	10	4232-4	<b>4232-6</b>	4232-9	4232-7	4232-10	4232-2
32	4	10	4242-4	4242-9	<b>4242-6</b>	4242-7	4242-10	4242-2
32	5	10	4252-4	4252-9	<b>4252-6</b>	4252-7	4252-10	4252-2



4132-6

**flange 92 x 100 - fixing center 77 x 85**

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

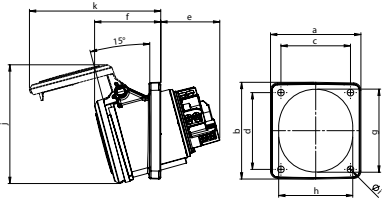
**TURBOclick**  
**TERMINAL**



4142-6TT

Information icons: 'i', a power symbol with a circle and dots, a red square with a white circle and dots, a red square with a white circle and a diagonal line, a red square with a white circle and a lightning bolt, a red square with a white circle and a microphone, a red square with a white circle and a game controller, a red square with a white circle and a lightbulb, a red square with a white circle and a car, and a red square with a white circle and a hashtag.

# CEE Flanged sockets sloping

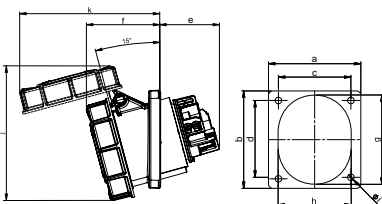


## Flanged socket sloping IP44 POWER TWIST

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	395	550

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

IP44 splashproof

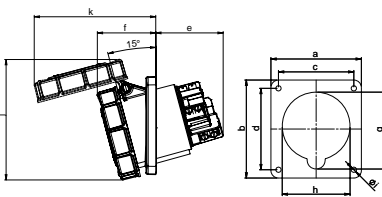


## Flanged socket sloping IP67 POWER TWIST

Poles	63 Amp			63 Amp			63 Amp		
	3	4	5	3	4	5	3	4	5
Flange a [mm]	100	100	100	100	100	100	106	106	106
Flange b [mm]	112	112	112	107	107	107	110	110	110
Fixing center c [mm]	80	80	80	77	77	77	90	90	90
Fixing center d [mm]	88	88	88	85	85	85	90	90	90
e [mm]	64	64	64	64	64	64	64	64	64
f [mm]	80	80	80	80	80	80	80	80	80
g [mm]	92	92	92	92	92	92	92	92	92
h [mm]	82	82	82	82	82	82	82	82	82
i [mm]	7	7	7	7	7	7	7	7	7
j [mm]	148	148	148	148	148	148	148	148	148
k [mm]	154	154	154	154	154	154	154	154	154
Wire flexible [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	443	598

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

IP66/67 watertight



## Flanged socket sloping IP67 POWER TWIST

Poles	125 Amp			125 Amp		
	3	4	5	3	4	5
Flange a [mm]	120	120	120	114	114	114
Flange b [mm]	130	130	130	114	114	114
Fixing center c [mm]	100	100	100	90	90	90
Fixing center d [mm]	108	108	108	90	90	90
e [mm]	92	92	92	92	92	92
f [mm]	77	77	77	77	77	77
g [mm]	102	102	102	102	102	102
h [mm]	90	90	90	90	90	90
i [mm]	7	7	7	7	7	7
j [mm]	160	160	160	160	160	160
k [mm]	162	162	162	162	162	162
Wire flexible [mm <sup>2</sup> ]				16-50		
Wire solid [mm <sup>2</sup> ]				16-70		
Contact screws [Ncm]				450		
Weight [g]	804	896	995	792	880	987

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

IP66/67 watertight



Amp.	Poles	pack unit	110V~ 50/60Hz 4h	230V~ 50/60Hz 3p=6h 4p+5p=9h	400V~ 50/60Hz 3p=9h 4p+5p=6h	500V~ 50/60Hz 7h	>50- 500V~ 100-300Hz 10h	>50- 500V~ 301-500Hz 2h
			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	4331-2
63	4	2	4341-4	4341-9	<b>4341-6</b>	4341-7	4341-10	4341-2
63	5	2	4351-4	4351-9	<b>4351-6</b>	4351-7	4351-10	4351-2
<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	4331-2fc
63	4	2	4341-4fc	4341-9fc	<b>4341-6fc</b>	4341-7fc	4341-10fc	4341-2fc
63	5	2	4351-4fc	4351-9fc	<b>4351-6fc</b>	4351-7fc	4351-10fc	4351-2fc
<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	4331-2fd
63	4	2	4341-4fd	4341-9fd	<b>4341-6fd</b>	4341-7fd	4341-10fd	4341-2fd
63	5	2	4351-4fd	4351-9fd	<b>4351-6fd</b>	4351-7fd	4351-10fd	4351-2fd



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	433-2
63	4	2	434-4	434-9	<b>434-6</b>	434-7	434-10	434-2
63	5	2	435-4	435-9	<b>435-6</b>	435-7	435-10	435-2
<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	433-2fc
63	4	2	434-4fc	434-9fc	<b>434-6fc</b>	434-7fc	434-10fc	434-2fc
63	5	2	435-4fc	435-9fc	<b>435-6fc</b>	435-7fc	435-10fc	435-2fc
<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	433-2fd
63	4	2	434-4fd	434-9fd	<b>434-6fd</b>	434-7fd	434-10fd	434-2fd
63	5	2	435-4fd	435-9fd	<b>435-6fd</b>	435-7fd	435-10fd	435-2fd



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	443-2
125	4	2	444-4	444-9	<b>444-6</b>	444-7	444-10	444-2
125	5	2	445-4	445-9	<b>445-6</b>	445-7	445-10	445-2
<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	443-2fe
125	4	2	444-4fe	444-9fe	<b>444-6fe</b>	444-7fe	444-10fe	444-2fe
125	5	2	445-4fe	445-9fe	<b>445-6fe</b>	445-7fe	445-10fe	445-2fe



445-6

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



# DESIGN-SOCKETS

# Design-Sockets



**Flanged socket**

Page

**100**



**Surface outlet**

**100**



**Flush outlet**

**100**

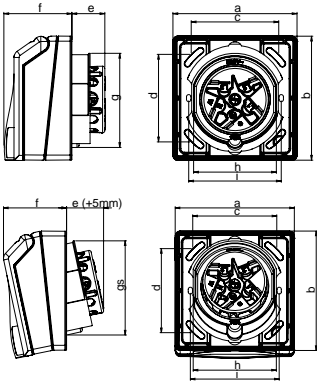


**Accessories**

**102**



# Design Socket

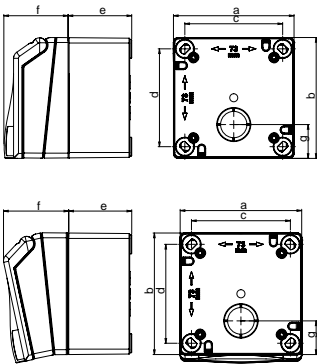


## Flanged socket

	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>	1-2,5			2,5-6	1 - 2x2,5
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10	1 - 2x2,5
<b>Contact screws [Ncm]</b>	100			110	80
<b>Weight [g]</b>	196	215	231	290	159

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

**IP44** splashproof

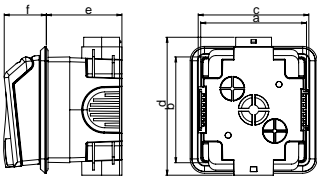


## Surface outlet

	16 Amp			32 Amp	SSD
<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>	1-2,5			2,5-6	1 - 2x2,5
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10	1 - 2x2,5
<b>Contact screws [Ncm]</b>	100			110	80
<b>Weight [g]</b>	282	302	318	376	245

- with screw terminals for wiring trough
- 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>	1-2,5			2,5-6	1 - 2x2,5
<b>Wire solid [mm<sup>2</sup>]</b>	1-4			2,5-10	1 - 2x2,5
<b>Contact screws [Ncm]</b>	100			110	80
<b>Weight [g]</b>	278	298	313	373	240

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

**IP44** splashproof



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

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





<b>110V~</b> 50/60Hz 4h	<b>230V~</b> 50/60Hz 3p=6h 4p+5p=9h	<b>400V~</b> 50/60Hz 3p=9h 4p+5p=6h	<b>250V~</b> 50/60Hz 2P+E
<b>Cat.No.</b>	<b>Cat.No.</b>	<b>Cat.No.</b>	<b>Cat.No.</b>

**Amp.**  
**Poles**  
**pack unit**

(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**

Flush socket outlet projection



All Design Sockets are available in the following colours: 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

Information icons: i, power, plug, fire, lightning, microphone, calculator, game controller, lightbulb, car, hash symbol.



# Design Socket Accessories



## Cover frame 1-way with gasket

- Dimensions: 105 x 105

white	9021
light grey	9021g
pack.unit: 25	



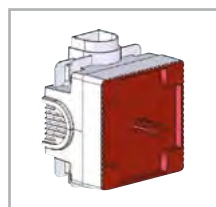
## Cover frame 2-way with gasket

- Dimensions: 195 x 105

white	9022
light grey	9022g
pack.unit: 25	



## Plaster Cover



903
pack.unit: 25



## Flush socket

- incl. screws 4 pcs.

light grey	88300
pack.unit: 10	

### Installation help:

Connection device for 1-way frame



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

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

Sliding connection for 2-way frame



2x flush socket (88300)

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

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

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

\*) assembly only possible with frame cover

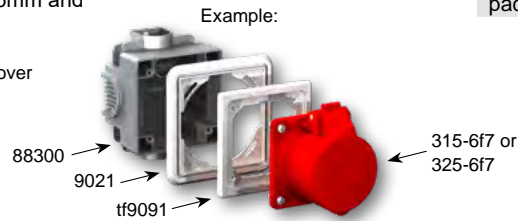
white	<b>tf9092</b>
light grey	<b>tf9092g</b>
pack.unit: 25	



## 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	<b>tf9091</b>
light grey	<b>tf9091g</b>
pack.unit: 25	



## Surface socket

- incl. screws 4 pcs.



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

white	<b>86300</b>
light grey	<b>86300g</b>
pack.unit: 10	



## Locking

	<b>901026</b>
simultaneous locking	<b>901025</b>
pack.unit: 1	



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











# SWITCHED INTERLOCKED SOCKETS

16A - 125A

## Switched interlocked sockets



	Page	
<b>Switched interlocked sockets – Compact series</b>	<b>106</b>	
<b>Switched interlocked sockets</b>	<b>110</b>	
<b>Switched interlocked sockets with DIN-rail</b>	<b>118</b>	
<b>Switched interlocked sockets fused</b>	<b>120</b>	



# 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>	456	481	505	507	530	565

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

**IP44/54** splashproof


## Switched interlocked socket - panel mounting IP67

	16 Amp			32 Amp		
	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>	474	502	535	538	563	603

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

**IP66/67** watertight

### Advantages:

- compact design
- small dimensions - space saving storage
- all components are mounted on top
- as flanged version suitable for distribution boxes and boards
- ready wired for connection
- at switch-off position: lockable by padlock 
- mechanical interlock:  
After plugging and switching-on **plug is locked.**  
After switching-off and unplugging **switch is locked.**
- coloured 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	6013-4	<b>6013-6</b>	6013-9	6013-7	
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	6023-7	
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	60132-7	
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	60232-7	
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



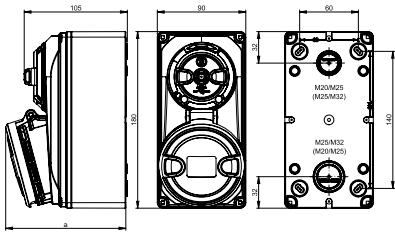
### ■ ■ ■ Technical data:

- 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 – Compact series

mechanical interlock, lockable by padlock

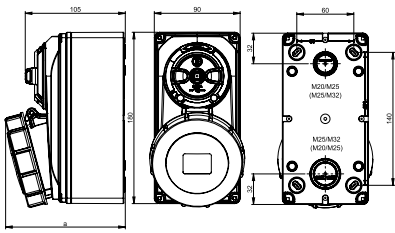


## Switched interlocked socket - wall mounting IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a [mm]	115	117	118	123	123	124
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]	617	641	664	666	691	726

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

IP44/54 splashproof

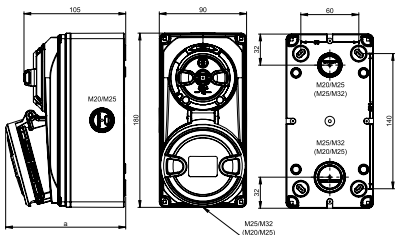


## Switched interlocked socket - wall mounting IP67

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a [mm]	116	118	122	124	124	127
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]	636	664	694	698	725	765

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

IP66/67 watertight

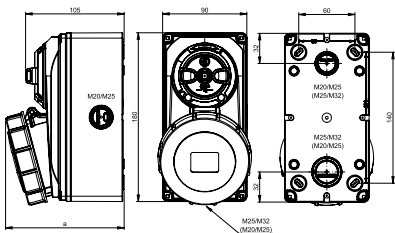


## Switched interlocked socket - wall mounting with knock-out IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a [mm]	115	117	118	123	123	124
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]	616	640	663	665	691	725

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

IP44/54 splashproof




## Switched interlocked socket - wall mounting with knock-out IP67

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a [mm]	116	118	122	124	124	127
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]	635	663	693	697	725	764

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

IP66/67 watertight

### Advantages:

- compact design
- small dimensions - space saving storage
- all components are mounted on top
- as flanged version suitable for distribution boxes and boards
- ready wired for connection
- at switch-off position: lockable by padlock 

- mechanical interlock:  
After plugging and switching-on  
**plug is locked.**  
After switching-off and unplugging  
**switch is locked.**
- coloured switch position

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

Amp.	Poles	pack unit
16	3	1
16	4	1
16	5	1
32	3	1
32	4	1
32	5	1

6113-4	<b>6113-6</b>	6113-9	6113-7
6114-4	6114-9	<b>6114-6</b>	6114-7
6115-4	6115-9	<b>6115-6</b>	6115-7
6123-4	<b>6123-6</b>	6123-9	6123-7
6124-4	6124-9	<b>6124-6</b>	6124-7
6125-4	6125-9	<b>6125-6</b>	6125-7

6115-6



16	3	1
16	4	1
16	5	1
32	3	1
32	4	1
32	5	1

61132-4	<b>61132-6</b>	61132-9	61132-7
61142-4	61142-9	<b>61142-6</b>	61142-7
61152-4	61152-9	<b>61152-6</b>	61152-7
61232-4	<b>61232-6</b>	61232-9	61232-7
61242-4	61242-9	<b>61242-6</b>	61242-7
61252-4	61252-9	<b>61252-6</b>	61252-7

61152-6



16	3	1
16	4	1
16	5	1
32	3	1
32	4	1
32	5	1

6113-4k	<b>6113-6k</b>	6113-9k	6113-7k
6114-4k	6114-9k	<b>6114-6k</b>	6114-7k
6115-4k	6115-9k	<b>6115-6k</b>	6115-7k
6123-4k	<b>6123-6k</b>	6123-9k	6123-7k
6124-4k	6124-9k	<b>6124-6k</b>	6124-7k
6125-4k	6125-9k	<b>6125-6k</b>	6125-7k

6115-6k



16	3	1
16	4	1
16	5	1
32	3	1
32	4	1
32	5	1

61132-4k	<b>61132-6k</b>	61132-9k	61132-7k
61142-4k	61142-9k	<b>61142-6k</b>	61142-7k
61152-4k	61152-9k	<b>61152-6k</b>	61152-7k
61232-4k	<b>61232-6k</b>	61232-9k	61232-7k
61242-4k	61242-9k	<b>61242-6k</b>	61242-7k
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



Information icons: i, power, plug, PD, lightning, microphone, game controller, lightbulb, car, #

## Switched interlocked sockets 16/32A

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

### VERSIONS:


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

### ADVANTAGES:

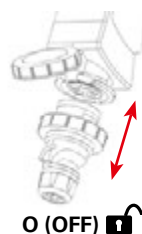
- Housing components made of high valuable PC/ABS plastics
- Robust construction for wall mounting

- Housing screws stainless steel



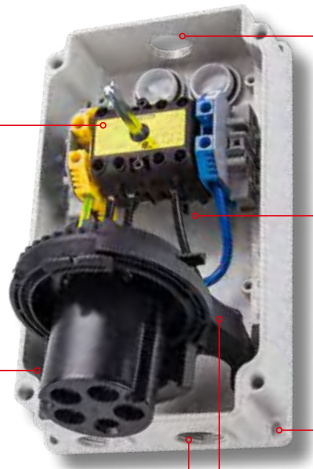
- Large rotary knob  
3-times lockable in OFF position with padlock (40mm , Ø<sub>max.</sub> 9mm) 

- \*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

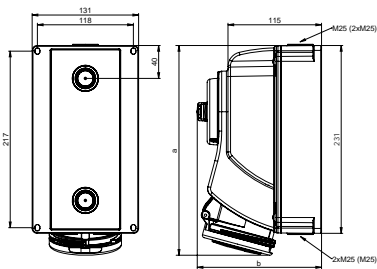
- long version (340mm) with window for 5 units
- window easy accessible on top
- integrated DIN rail EN50022 for all standard protection elements (MCB, RCD, ... )
- ready wired to the DIN rail





# Switched interlocked sockets – for wall mounting

mechanical interlock, lockable by padlock



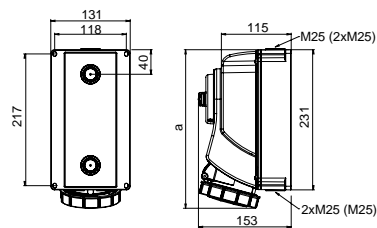
## Switched interlocked socket – wall mounting IP44

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

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

**IP44/54** splashproof

\* Option: M32 or closed



## Switched interlocked socket – wall mounting IP67


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

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

**IP66/67** watertight

\* Option: M32 or closed

### 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) 

Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	440V~
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	60Hz 3h
16	3	1	7513-4	<b>7513-6</b>	7513-9	7513-7	
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	7523-7	
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	75132-7	
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	75232-7	
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

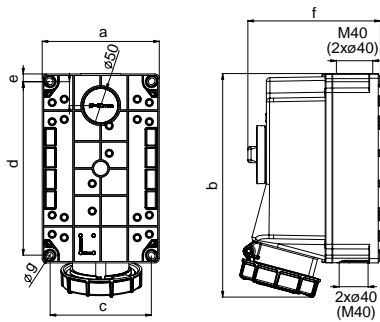
### ■ ■ ■ Technical data:

- 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 [mm]</b>	162	162	162
<b>b [mm]</b>	310	310	310
<b>c [mm]</b>	140	140	140
<b>d [mm]</b>	240	240	240
<b>e [mm]</b>	11	11	11
<b>f [mm]</b>	184	184	184
<b>g [mm]</b>	9	9	9
<b>Wire flexible [mm<sup>2</sup>]</b>	6-25		
<b>Wire solid [mm<sup>2</sup>]</b>	6-35		
<b>Weight [g]</b>	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

### 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

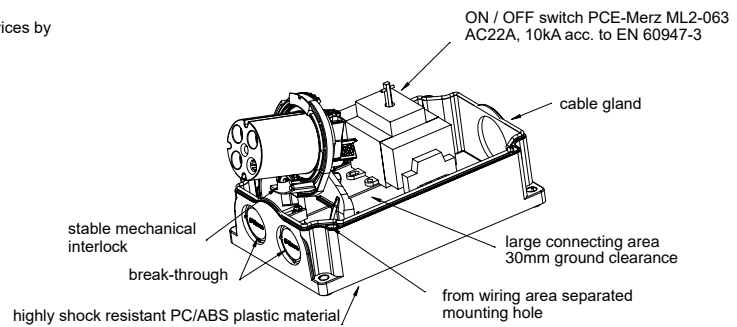
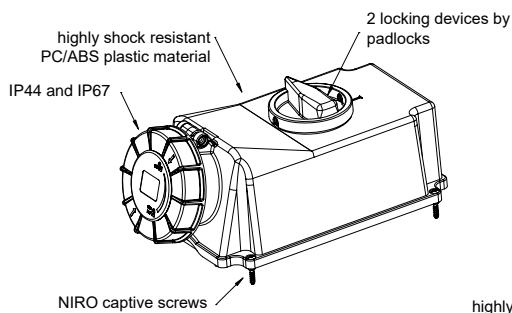
Special designs available on request

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

## 63A version



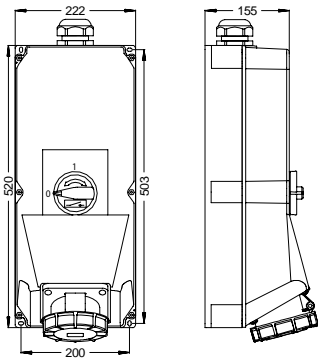
### Technical data 63A:

- 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

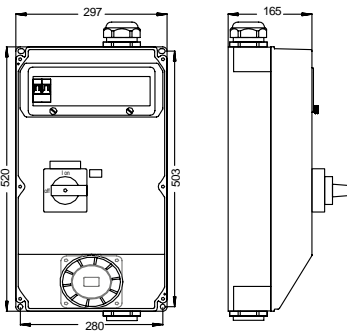
mechanical or electric interlock, lockable by padlock



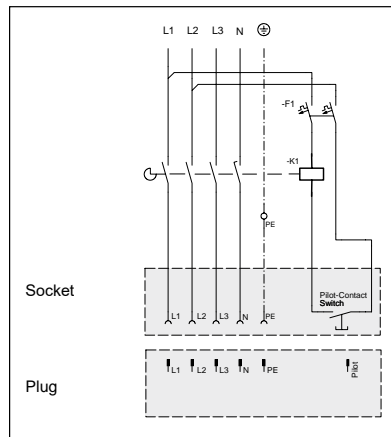
## Switched interlocked socket – mechanical interlock 125A

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

IP67 watertight

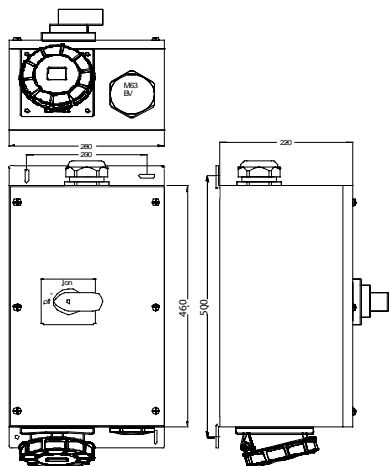


## Switched interlocked socket – electric interlock 125A

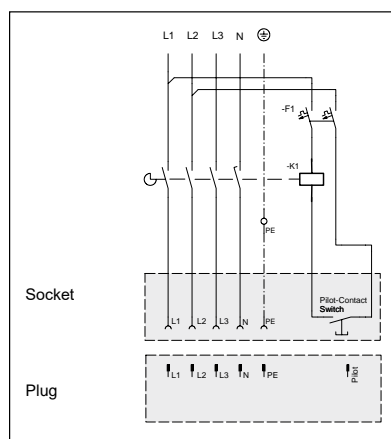


- WxHxD = 520x297x165mm
- material PC/ABS
- compact design
- controlled by circuit breaker 125A 4p with integrated low voltage circuit breaker 400V by PCS-system (see page 8)
- top or bottom entry (M63)
- control circuit protected with circuit breaker 10A 2p
- thermic release adjustable from 0,7 to 1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

IP54 splash- and dustproof  
IP66 on request



## Switched interlocked socket – electric interlock 125A



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

IP66 watertight

Circuit diagram

### ■ ■ ■ Technical data 125A:

- 125A 3-, 4- and 5 poles
- terminals max. 70/50mm<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	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.
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>
-----	---	---	--	--	--	--	----------------

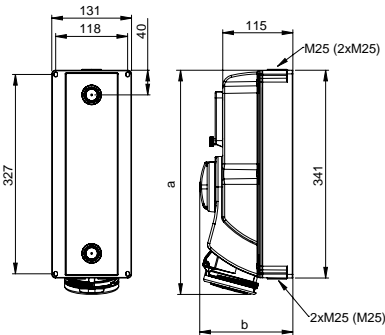


- circuit breaker PCE Merz ML3
  - category AC22A, 690V (AC3, 690V, 3~, 45kW)
  - rated conditional short-circuit-current 10kA
  - mechanical life of 30.000 cycles
- approved acc. to EN60309, ÖVE



# Switched interlocked sockets – with DIN-rail

mechanical interlock, lockable by padlock



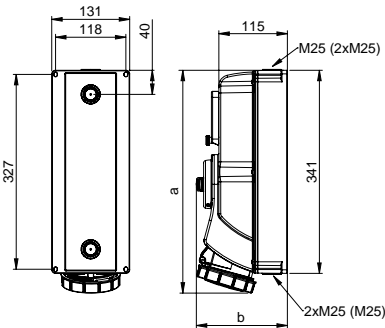
## Switched interlocked socket – wall mounting IP44

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	1459	1505	1510	1523	1570

\* Option: M32 or closed

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

IP44/54 splashproof



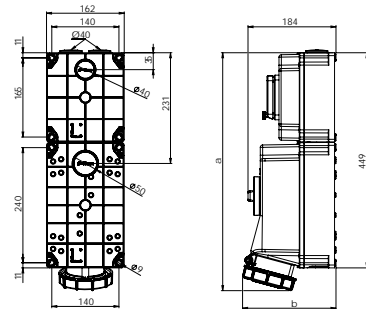
## Switched interlocked socket – wall mounting IP67

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

\* Option: M32 or closed

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

IP66/67 watertight



## Switched interlocked socket – wall mounting IP67 POWER TWIST

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> ]	6-16		
Weight [g]	2900	2975	3050

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

IP66/67 watertight

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

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

Amp.	Poles	pack unit	110V~	230V~	400V~	500V~	440V~
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	60Hz 3h
16	3	1	7613-4	<b>7613-6</b>	7613-9	7613-7	
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	7623-7	
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	76132-7	
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	76232-7	
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

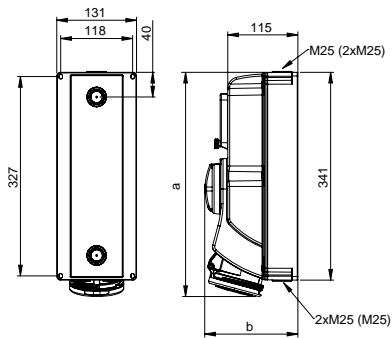
### Technical data to 63A version:

- 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 fuse

mechanical interlock, lockable by padlock



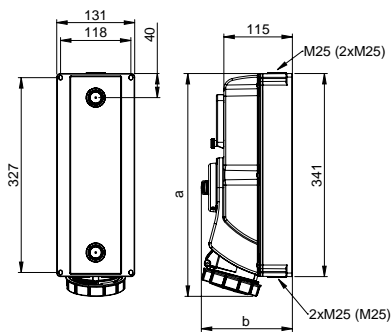
## Switched interlocked socket – wall mounting IP44

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

\* Option: M32 or closed

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- mechanical interlock
- top, bottom or rear entry
- incl. threaded bung
- fuse - Neozed  
(> 400V cylindrical fuse 14x51)

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]	1819	1824	1870	1875	1888	1935

\* Option: M32 or closed

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated contacts
- mechanical interlock
- top, bottom or rear entry
- incl. threaded bung
- fuse - Neozed  
(> 400V cylindrical fuse 14x51)

IP66/67 watertight

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

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

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

Amp.	Poles	pack unit	110V~ Cat.No.	230V~ Cat.No.	400V~ Cat.No.	500V~ Cat.No.	440V~ Cat.No.
16	3	1	7813-4	<b>7813-6</b>	7813-9	7813-7	
16	4	1	7814-4	7814-9	<b>7814-6</b>	7814-7	
16	5	1	7815-4	7815-9	<b>7815-6</b>	7815-7	
32	3	1	7823-4	<b>7823-6</b>	7823-9	7823-7	
32	4	1	7824-4	7824-9	<b>7824-6</b>	7824-7	
32	5	1	7825-4	7825-9	<b>7825-6</b>	7825-7	



7825-6

Amp.	Poles	pack unit	110V~ Cat.No.	230V~ Cat.No.	400V~ Cat.No.	500V~ Cat.No.	440V~ Cat.No.
16	3	1	78132-4	<b>78132-6</b>	78132-9	78132-7	
16	4	1	78142-4	78142-9	<b>78142-6</b>	78142-7	
16	5	1	78152-4	78152-9	<b>78152-6</b>	78152-7	
32	3	1	78232-4	<b>78232-6</b>	78232-9	78232-7	
32	4	1	78242-4	78242-9	<b>78242-6</b>	78242-7	78242-3
32	5	1	78252-4	78252-9	<b>78252-6</b>	78252-7	



78252-6

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



## Protective extra-low-voltage

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

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

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



# TWIST EXTRA-LOW VOLTAGE

## TWIST Extra-low voltage



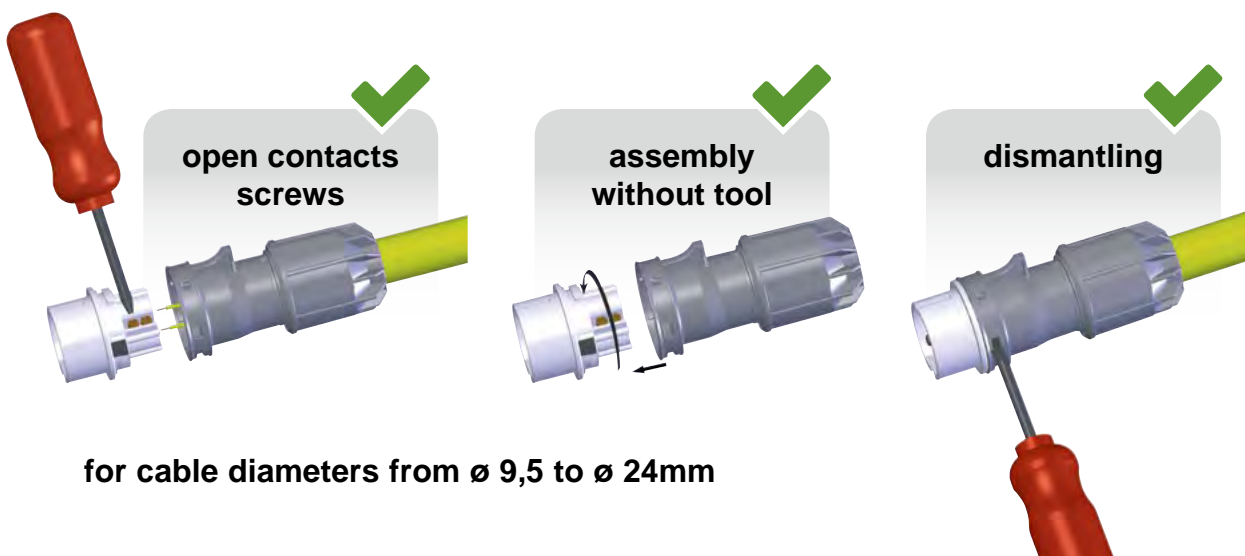
### VERSIONS:

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



### ADVANTAGES:

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



for cable diameters from  $\varnothing$  9,5 to  $\varnothing$  24mm

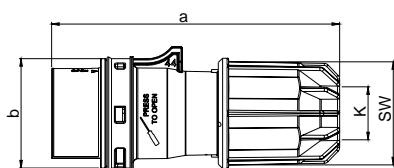


# Extra-low voltage – plugs and sockets

## Protective extra-low voltage

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

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

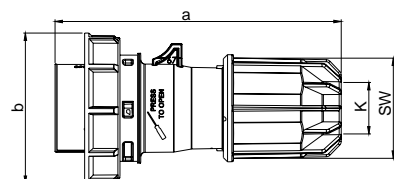


### Plug IP44 TWIST

	16 Amp		32 Amp	
	2	3	2	3
<b>Poles</b>	2	3	2	3
<b>a [mm]</b>	135	135	135	135
<b>b [mm]</b>	51	51	51	51
<b>c [mm]</b>	51	51	51	51
<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>	142	160	142	160

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

**IP44** splashproof

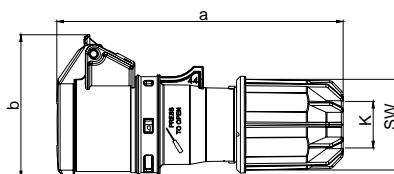


### Plug IP67 TWIST

	16 Amp		32 Amp	
	2	3	2	3
<b>Poles</b>	2	3	2	3
<b>a [mm]</b>	124	131	146	152
<b>b [mm]</b>	79	87	93	100
<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>	164	182	164	182

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

**IP67** watertight

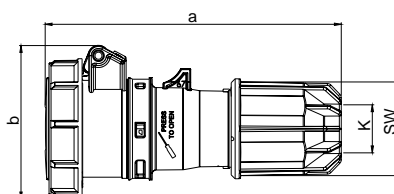


### Connector IP44 TWIST

	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>c [mm]</b>	51	51	51	51
<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>	179	199	179	199

- 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>c [mm]</b>	51	51	51	51
<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>	199	219	199	219

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

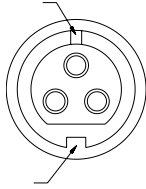
**IP67** watertight

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

### 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		Colour acc. to EN 60309
		2P	3P	
20 - 25	50 / 60	without Minor key	without Minor key	Violet
40 - 50	50 / 60	12	12	White
20 - 25 and 40 - 50	100 - 200	4	4	Green
	300	2	2	Green
	400	3	3	Green
	> 400 - 500	11	11	Green
	DC	10	-	White

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

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

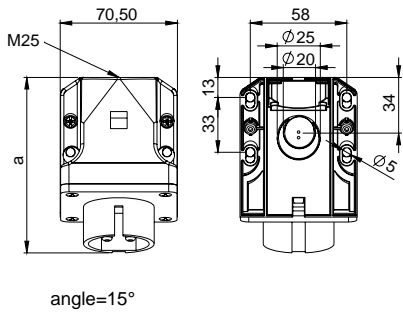
16	2	10	<b>262v</b>	<b>282-12v</b>	282-4v	282-2v	282-3v	282-11v	282-10v	
16	3	10	<b>263v</b>	<b>283-12v</b>	283-4v	283-2v	283-3v	283-11v	283-10v	
32	2	10	<b>272v</b>	<b>292-12v</b>	292-4v	292-2v	292-3v	292-11v	292-10v	282-4v
32	3	10	<b>273v</b>	<b>293-12v</b>	293-4v	293-2v	293-3v	293-11v	293-10v	

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





# Extra-low voltage – plugs and sockets

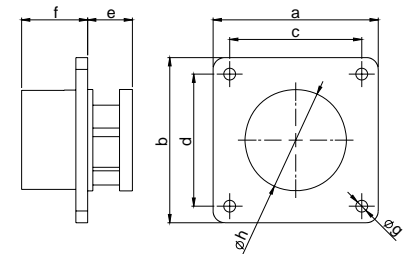


## Wall mounted plug IP44

	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>	165	180	165	180

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

**IP44** splashproof

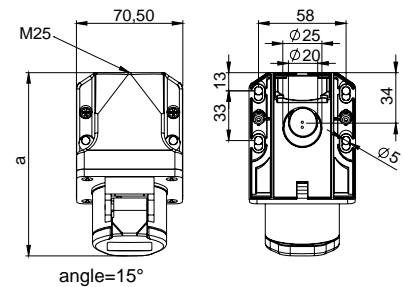


## Flanged plug straight IP44

	16 Amp		32 Amp	
	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>	77	93	77	93

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

**IP44** splashproof

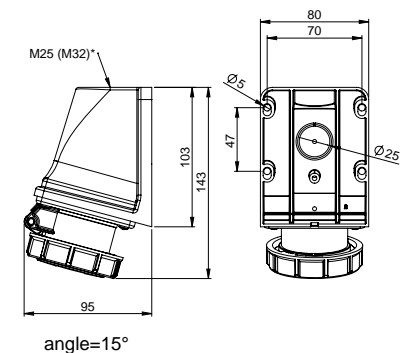


## Wall socket IP44

	16 Amp		32 Amp	
	2	3	2	3
<b>Poles</b>	2	3	2	3
<b>a [mm]</b>	119	119	119	119
<b>Height [mm]</b>	85	85	85	85
<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>	110			
<b>Weight [g]</b>	198	215	198	215

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

**IP44** splashproof



## Wall socket IP66/67

	16 Amp		32 Amp	
	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>	110			
<b>Weight [g]</b>	231	251	231	251

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

**IP66/67** watertight

\* Option: M32



Amp.	Poles	pack. unit	24V~	42V~	24/42V~	24/42V~	24/42V~	24/42V~	24/42V~	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.	Cat.No.

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



582-12v

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

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



682-12v

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



162v

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



1922-4v

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

## Extra-low voltage – plugs and sockets

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

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



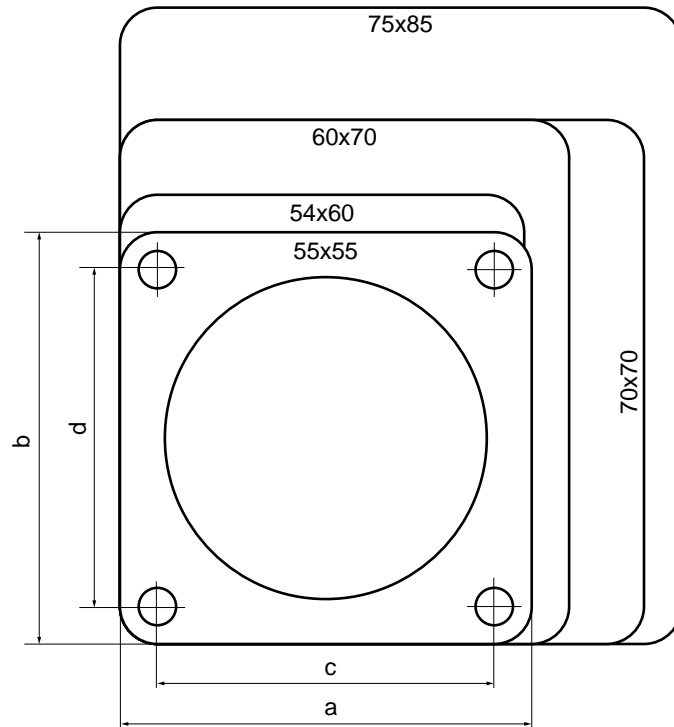
#### ADVANTAGES:

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



# Flanged socket straight

Dimensions:



Versions:

Flange		Fixing center		Page	16A		32A	
a	b	c	d	#	2p	3p	2p	3p
54	60	44	44	130-131	IP44	IP44	IP44	IP44
				132-133	IP67	IP67	IP67	IP67
55	55	41	41	130-131	IP44	IP44	IP44	IP44
55	55	45	45	130-131	IP44	IP44	IP44	IP44
60	70	47	53	130-131	IP44	IP44	IP44	IP44
70	70	56	56	130-131	IP44	IP44	IP44	IP44
75	85	60	60	130-131	IP44	IP44	IP44	IP44
				132-133	IP67	IP67	IP67	IP67

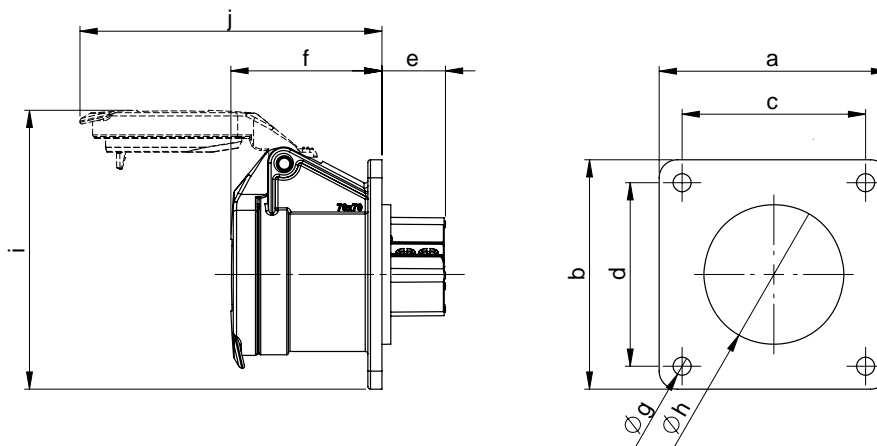


# Extra-low voltage – plugs and sockets

## Flanged socket straight IP44/54

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

**IP44/54** dust- & splashproof



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

- Connection type: Screw terminal
- Wire flexible: 1-10 mm<sup>2</sup>
- Wire solid: 1,5-10 mm<sup>2</sup>
- Contact screws: 110 Ncm

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



373f87v



392-3f87v

- 
- 
- 
- 
- 
- 
- 
-

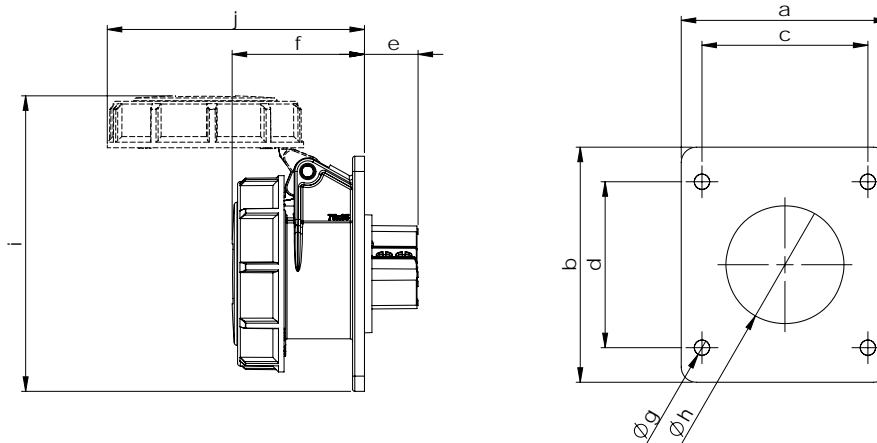


# Extra-low voltage – plugs and sockets

## Flanged socket straight IP66/67

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

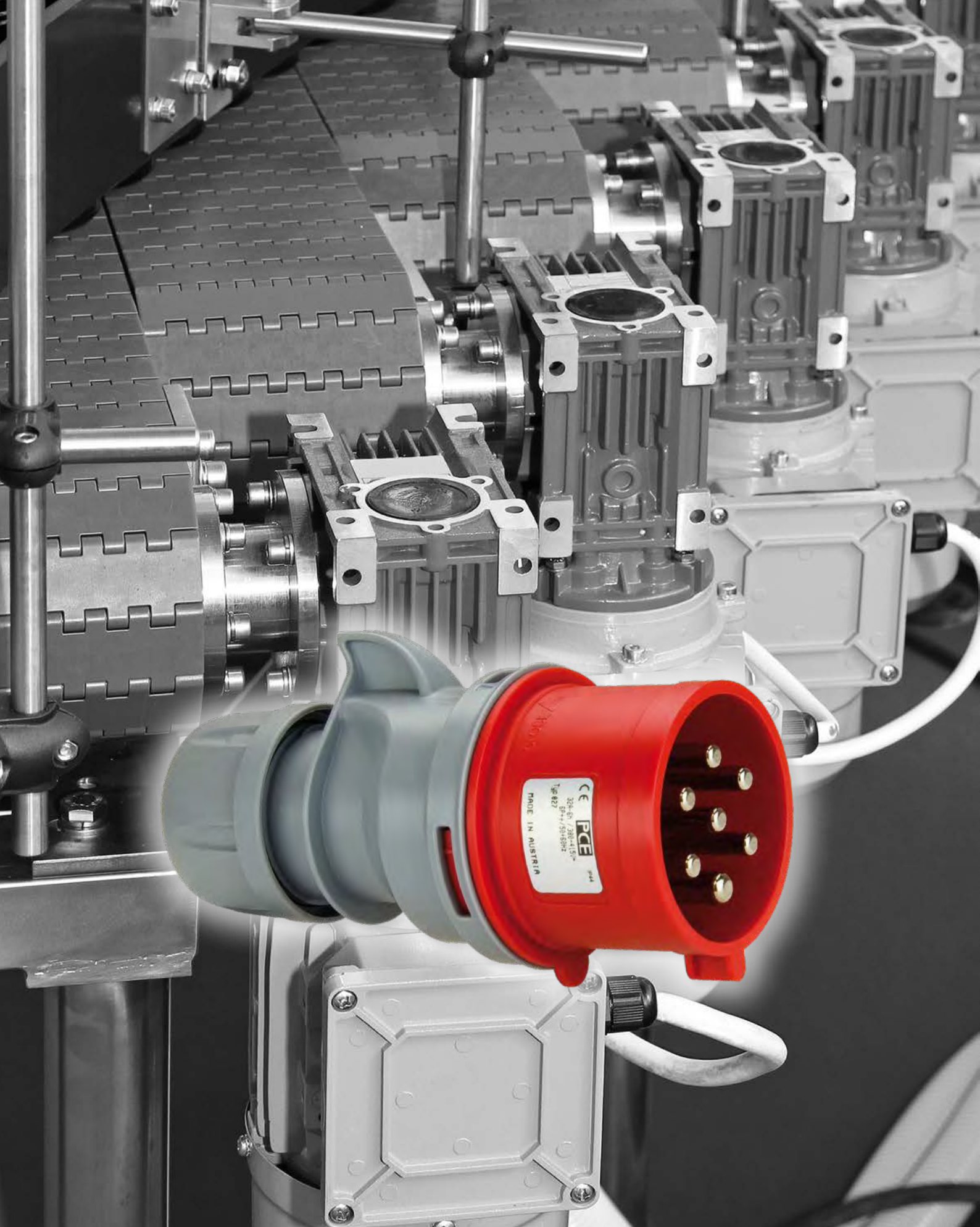
IP66/67 watertight



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

- Connection type: Screw terminal
- Wire flexible: 1-10 mm<sup>2</sup>
- Wire solid: 1,5-10 mm<sup>2</sup>
- Contact screws: 110 Ncm





## PLUGS AND SOCKETS 7-POLES

## Plugs and sockets 7-poles

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

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

### Application for industry, agriculture and commerce:

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

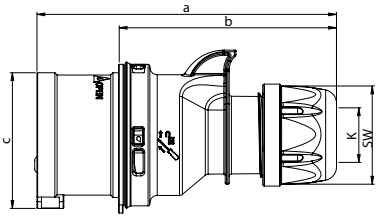
### Products: plugs and sockets 7-pole:

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

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



# Plugs and sockets 7-poles

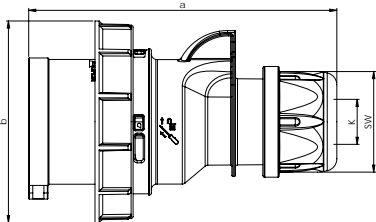


## Plug IP44/54 SHARK

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

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

**IP44/54** dust- and splashproof

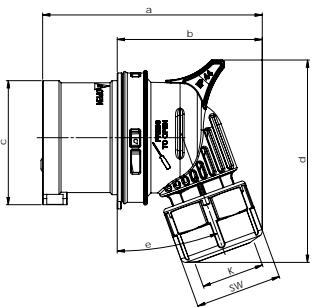


## Plug IP66/67 SHARK

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

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

**IP66/67** watertight

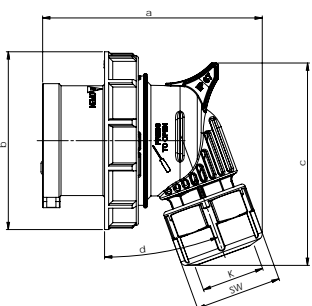


## Angled plug IP44/54 TWIST

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

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

**IP44/54** dust- and splashproof



## Angled plug IP66/67 TWIST

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

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

**IP66/67** watertight



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

Amp.	Poles	pack. unit	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

- 
- 
- 
- 
- 
- 
- 
-



<b>110V~</b> 50/60Hz 4h	<b>230V~</b> 50/60Hz 9h	<b>400V~</b> 50/60Hz 6h	<b>500V~</b> 50/60Hz 7h
<b>Cat.No.</b>	<b>Cat.No.</b>	<b>Cat.No.</b>	<b>Cat.No.</b>

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>Flange 70 x 70 - Fixing center: 56 x 56</b>						
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
<b>Flange 75 x 75 - Fixing center: 60 x 60</b>						
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

<b>Flange 75 x 75 - Fixing center: 60 x 60</b>						
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
<b>for wiring through (M25 top, 2xM25 bottom)</b>						
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



527-6v

9527-6v

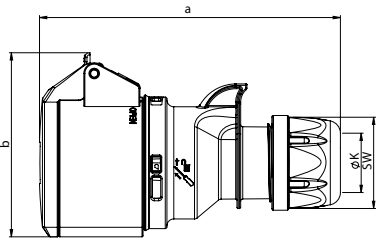
16	7	5	5172-4kv	5172-9kv	<b>5172-6kv</b>	5172-7kv
32	7	5	5272-4kv	5272-9kv	<b>5272-6kv</b>	5272-7kv



5272-6kv

# Plugs and sockets 7-poles

## Connector IP44/54 SHARK

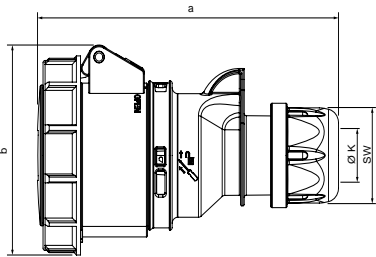


	16 Amp	32 Amp
Poles	7	7
a [mm]	145	168
b [mm]	89	99
K_cable Ø [mm]	8-16	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	210	310

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

IP44/54 dust- and splashproof

## Connector IP66/67 SHARK

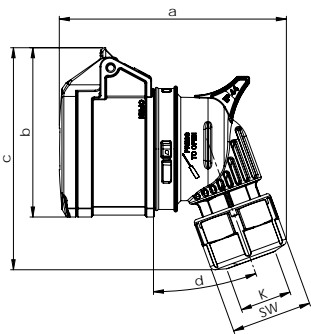


	16 Amp	32 Amp
Poles	7	7
a [mm]	147	171
b [mm]	92	102
K_cable Ø [mm]	8-16	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	254	377

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

IP66/67 watertight

## Angled connector IP44/54 TWIST

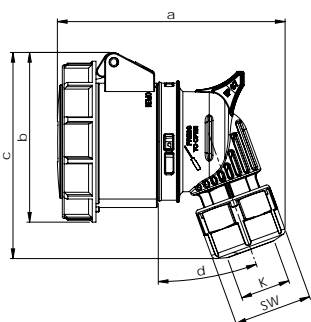


	16 Amp	32 Amp
Poles	7	7
a [mm]	119	147
b [mm]	89	99
c [mm]	117	126
d [°]	20	25
e [mm]		
K_cable Ø [mm]	8-16	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5	2,5-6
Contact screws [Ncm]	100	110
SW [mm]	42	50
Weight [g]	214	313

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

IP44/54 dust- and splashproof

## Angled connector IP66/67 TWIST



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

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

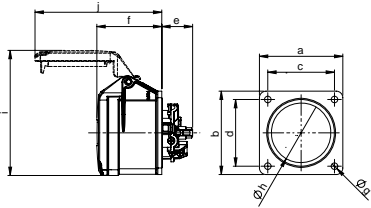
IP66/67 watertight





# Plugs and sockets 7-poles

## Flanged socket straight IP44/54

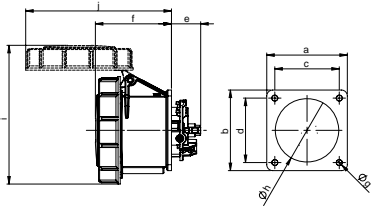


Poles	16 Amp		32 Amp	
	7	7	7	7
a [mm]	70	75	70	75
b [mm]	70	75	70	75
c [mm]	56	60	56	60
d [mm]	56	60	56	60
e [mm]	26	26	28	23
f [mm]	55	55	67	67
Ø g [mm]	5,5	5,5	5,5	5,5
Ø h [mm]	52	52	58	58
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
Wire solid [mm <sup>2</sup> ]	1-4		2,5-10	
Contact screws [Ncm]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

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

**IP44/54** dust- and splashproof

## Flanged socket straight IP66/67

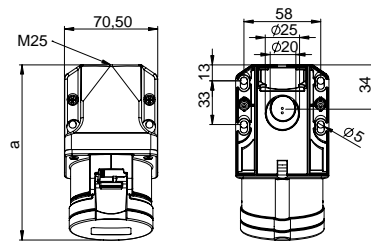


Poles	16 Amp		32 Amp	
	7	7	7	7
a [mm]	70	75	70	75
b [mm]	70	75	70	75
c [mm]	56	60	56	60
d [mm]	56	60	56	60
e [mm]	26	26	28	28
f [mm]	59	59	71	71
Ø g [mm]	5,5	5,5	5,5	5,5
Ø h [mm]	55	55	60	60
i [mm]	117	117	130	130
j [mm]	115	115	136	136
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
Wire solid [mm <sup>2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

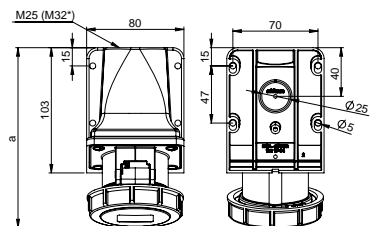


Poles	16 Amp		32 Amp	
	7	7	7	7
a [mm]	133	145	133	145
Height [mm]	100	107	100	107
M [mm]	25	25	25	25
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
Wire solid [mm <sup>2</sup> ]	1-4		2,5-10	
Contact screws [Ncm]	100		110	
Weight [g]	261	261	330	330

- 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** splashproof

## Wall mounted socket IP66/67



Poles	16 Amp		32 Amp	
	7	7	7	7
a [mm]	148	163	148	163
Height [mm]	102	112	102	112
M [mm]	25	25	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	302	390	390

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

**IP66/67** watertight

\*M32 optional on request

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

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>with flange 70 x70 - fixing center 56 x 56</b>						
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
<b>with flange 75 x 75 - fixing center 60 x 60</b>						
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

<b>with flange 70 x70 - fixing center 56 x 56</b>						
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
<b>with flange 75 x 75 - fixing center 60 x 60</b>						
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
<b>for wiring through (M25 top, 2xM25 bottom)</b>						
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

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

- 
- 
- 
- 
- 
- 
- 
- 
-



# CONTAINER PLUGS AND SOCKETS



## Container plugs and sockets

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

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



### Container products:

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



# Container plugs and sockets



## Container Plug **SHARK**

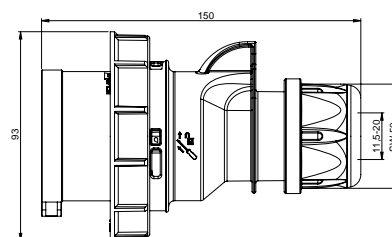
- 32A 4p 3h 440V
- nickel-plated contacts

IP67 watertight



**0242-3v**

pack.unit: 10



## Container Connector **SHARK**

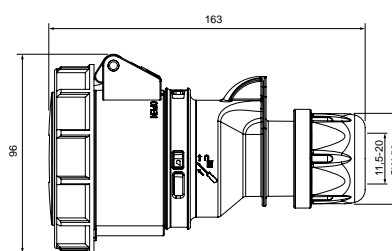
- 32A 4p 3h 440V
- nickel-plated contacts

IP67 watertight

**SHARK**

**2242-3v**

pack.unit: 10



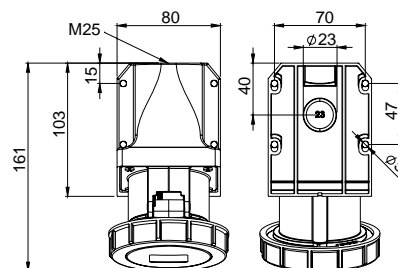
## Container Wall socket

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

IP67 watertight

**1242-3v**

pack.unit: 5



height=108mm  
angle=15°



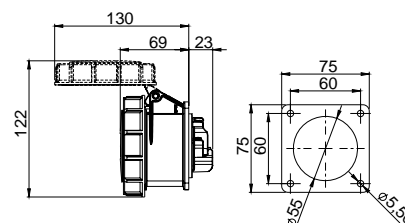
## Container Flanged socket straight

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

IP67 watertight

**3242-3v**

pack.unit: 10



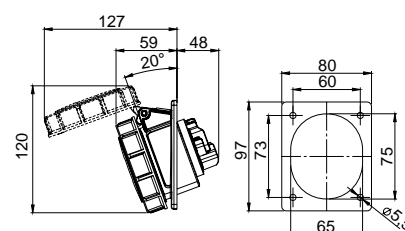
## Container Flanged socket sloping

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

IP67 watertight

**4242-3f78v**

pack.unit: 10





## Container Switched interlocked socket

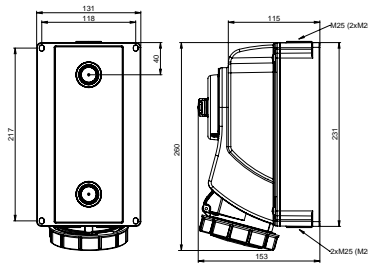
- 32A 4p 3h 440V
- nickel-plated contacts
- up to 3 x M25 cable entries
- mechanical interlock
- lockable by padlock

IP67 watertight



75242-3

pack.unit: 1



## Container Switched interlocked socket with fuse

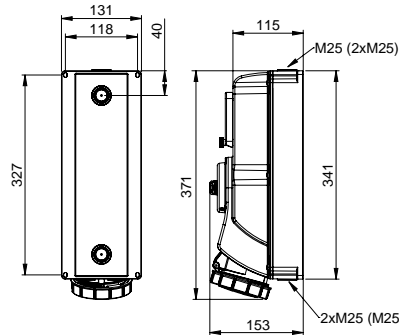
- 32A 4p 3h 440V
- nickel-plated contacts
- cylindrical fuse 14x51
- up to 3 x M25 cable entries
- mechanical interlock
- lockable by padlock

IP67 watertight



78242-3

pack.unit: 1



## Container Switched interlocked socket with DIN rail

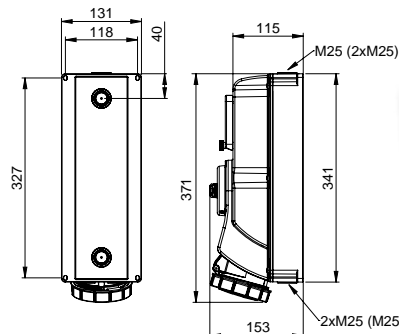
- 32A 4p 3h 440V
- nickel-plated contacts
- DIN rail with window for 5 modules
- up to 3 x M25 cable entries
- mechanical interlock
- lockable by padlock

IP67 watertight



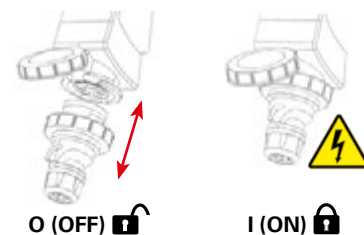
76242-3

pack.unit: 1



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

Detailed information see page 104 ... „Switched interlocked sockets“.





## CARAVAN PLUGS AND SOCKETS

## Caravan plugs and sockets

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

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

### Caravan products

- plug and connector
- flanged socket lockable
- wall mounted plug
- angled plug, angled connector
- adapters
- distribution products
- energy pillars (see page 306)





# Caravan plugs and sockets for camping areas



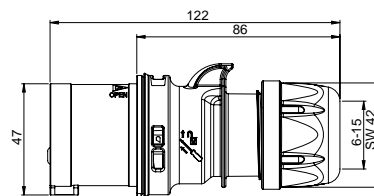
## Caravan Plug **SHARK**

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

IP44 splashproof

**013-6**

pack.unit: 10



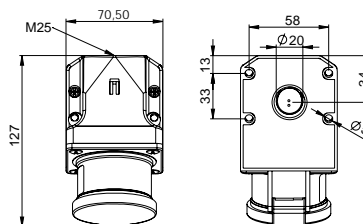
## Caravan Wall mounted plug

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

IP44 splashproof

**513-6d**

pack.unit: 10



height= 92mm  
angle= 15°



## Caravan Connector

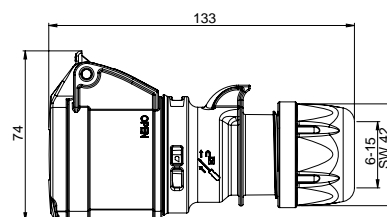
**SHARK**

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

IP44 splashproof

**213-6**

pack.unit: 10



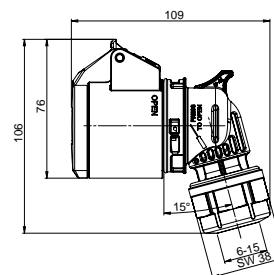
## Caravan Angled connector

- 16A 3p 230V
- contacts: brass

IP44 splashproof

**8213-6**

pack.unit: 10



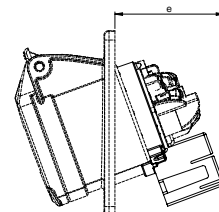
## Flanged socket sloping with auxiliary switch

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

IP44/54 splash- and dustproof

**413-6h**

pack.unit: 10

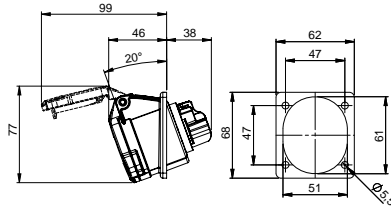


other versions and more technical information see page 92

## Flanged socket sloping lockable

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

**IP44** splashproof



**413-6f66**

pack.unit: 10



## Caravan Adapter

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

**IP44** splashproof

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

**Outlet:**  
1 safety socket 16A 2p+E 250V

**9433100\***

pack.unit: 10



## Caravan Adapter

- plug for domestic use with two earthing systems / CEE-socket outlet
- nickel-plated contacts

**IP20**

**Entry:**  
1 plug (two earthing system) 2p+E 250V

**Outlet:**  
1 CEE-socket 16A 3p 230V

**9434100\***

pack.unit: 10



## Caravan Adapter with cable

- 16A 3p 230V

**IP44** splashproof

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

**9007**

pack.unit: 10

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

**900726**

pack.unit: 10

80cm cable H07RN-F 3G1,5 with solid rubber safety plug (two earthing system) 16A 2p+E 250V and CEE-connector 16A 3p 230V

**9009**

pack.unit: 10



## Caravan Combination Series St. Anton

**IP44** splashproof

**Entry:**  
1,5m cable H07RN-F 3G1,5 with CEE-plug 16A 3p 230V

**Outlet:**  
1 safety socket acc. Aust./German system 16A 2p+E 250V

**Protection:**  
1 RCD 25A 0,03A

**9437125**

pack.unit: 1



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





# Multiple-sockets outlet

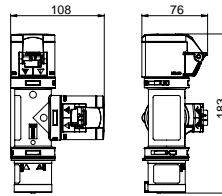


## T-Connect 2-way connector with CEE plug

### Fittings:

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

IP44 splashproof  
IP67 watertight



IP44 94325103\*

IP67 94326103\*

pack unit: 10

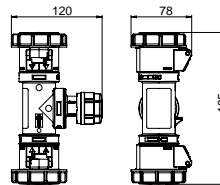


## T-Connect 2-way connector with cable entry

### Fittings:

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

IP44 splashproof  
IP67 watertight



IP44 94325102

IP67 94326102

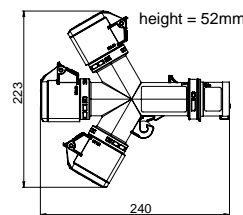
pack unit: 10



## Multiple-socket outlet

- nickel plated contacts
- also available in 110V

IP44 splashproof  
IP67 watertight



### Entry:

1 CEE-plug 16A 3p 230V

### Outlet:

3 CEE-sockets 16A 3p 230V

IP44 9432000\*

IP67 9432001\*

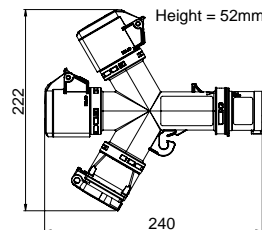
pack unit: 5



## Multiple-socket outlet

- nickel plated contacts
- also available in 110V
- available also with Belg./French, Danish and British sockets

IP44 splashproof



### Entry:

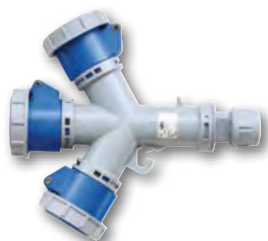
1 CEE-plug 16A 3p 230V

### Outlet:

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

IP44 9432004\*

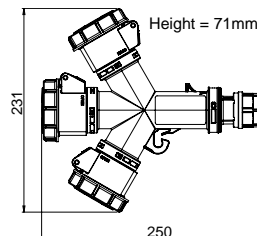
pack unit: 5



## Multiple-socket outlet

- nickel plated contacts
- also available in 110V

IP44 splashproof  
IP67 watertight



### Entry:

1 Twist-cable gland prewired on terminals

### Outlet:

3 CEE-sockets 16A 3p 230V

IP44 9432006

IP67 9432007

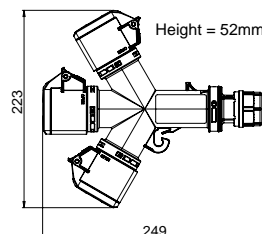
pack unit: 5



## Multiple-socket outlet

- nickel plated contacts
- also available in 110V

IP44 splashproof  
IP67 watertight



### Entry:

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

### Outlet:

3 CEE-sockets 16A 3p 230V

IP44 9432002

IP67 9432003

pack unit: 5

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

# Multiple-sockets outlet and adaptors

## Adaptor

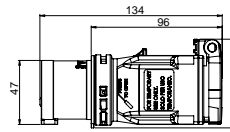
### CEE-plug 16A 3p / safety socket

- available also with belg./french, danish and british sockets
- nickel-plated contacts

IP44 splashproof

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

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



height = 52mm



- german **9433100\***
- belg./french **9433101\***
- danish **9433102\***
- british **9433103\***



9433101\*



9433103\*

## Adaptor

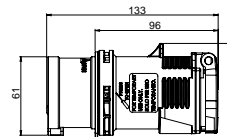
### CEE-plug 16A 5p / safety socket

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

IP44 splashproof

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

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



height = 66mm



**9433020\***

## Adaptor

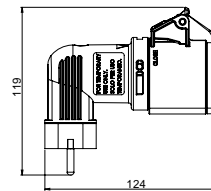
### Plug for domestic use / CEE-socket outlet

- nickel-plated contacts

IP20

**Entry:**  
1 plug 16A 2p+E 250V  
(dual earthing system)

**Outlet:**  
1 CEE-socket 16A 3p 230V



height = 52mm



**9434100\***

## Adaptor

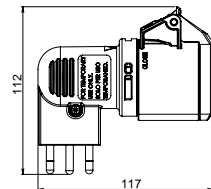
### Plug for domestic use / CEE-socket outlet

- nickel-plated contacts

IP20

**Entry:**  
1 plug italien system P17

**Outlet:**  
1 CEE-socket 16A 3p 230V



height = 52mm



**9434200\***

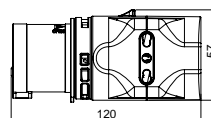
## Adaptor

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

IP20

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

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



height = 53mm



**9433170\***

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












## **SAFETY PLUGS AND SOCKETS**

## Safety plugs and sockets / accessories



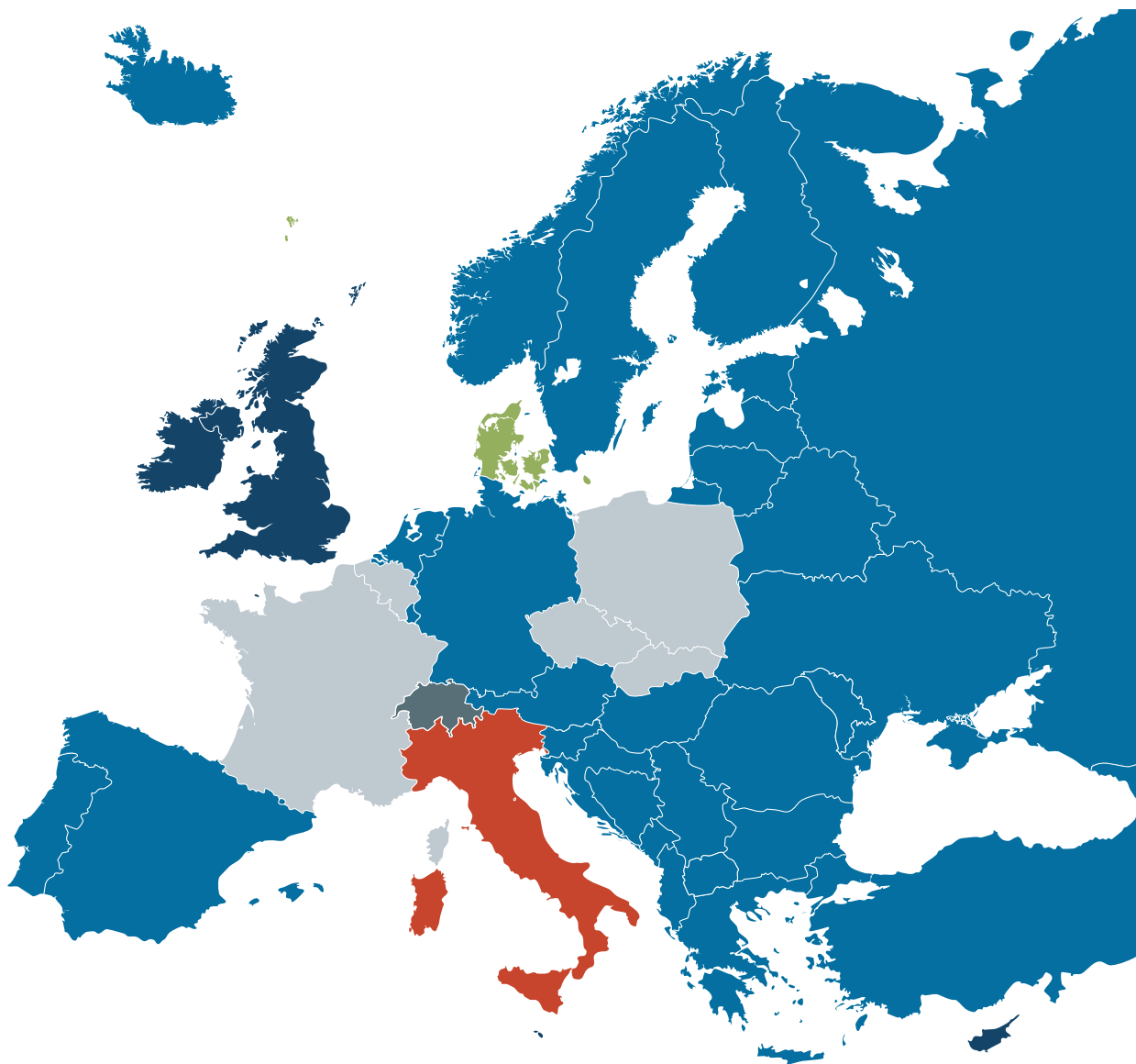
	Page	
<b>Plugs and socket outlets</b> S-NOVA / P-NOVA plus	156	
<b>Data socket CAT.6A (RJ45)</b> Accessories for plugs and socket outlets	170	
<b>Plugs and sockets IP66/68</b> Nautilus - watertight	172	
<b>Taurus</b> Plug and connector systems	178	
<b>Top Taurus</b> Plug and connector systems	186	





## Systems in EUROPE


The safety sockets from PCE impresses with its 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**  
  
 Belgian/French system

**Type G**  
  
 British system

**Type L**  
  
 Italian system

**Type J**  
  
 Swiss system

**Type K**  
  
 Danish system





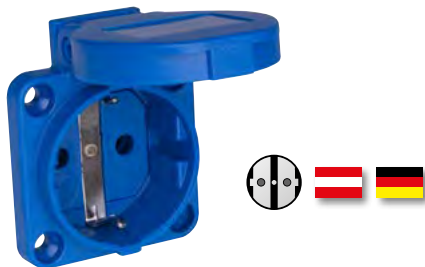


## Full flexibility:

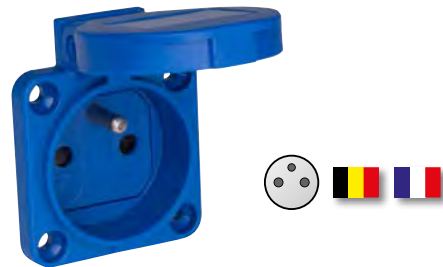
- |    |  |
|----|--|
| 01 | <b>System</b><br>Austrian/German or Belgian/French       |
| 02 | <b>Flange size</b><br>50x50 / 70x70 / 75x75 mm           |
| 03 | <b>Connection type</b><br>rear / side / screwless        |
| 04 | <b>Rotation shutter</b><br>child protection              |
| 05 | <b>Sealing bulge</b><br>special sealing contour for IP54 |
| 06 | <b>Colours</b><br>7 different colours                    |

## 01 System - 2 versions

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



**Belgian/French 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

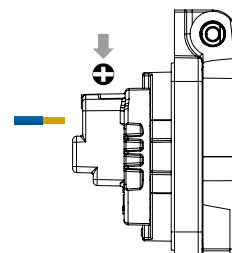
### Screw terminals

#### rear or side connection

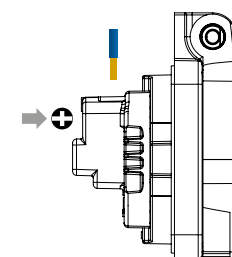
- Multi-slot screws (Type H, size 2)
- contacts open
- nickel-plated contacts
- captive screws
- ready for wiring through



#### rear connection



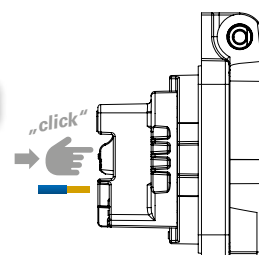
#### side connection from above



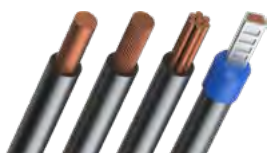
### Screwless terminal

#### 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



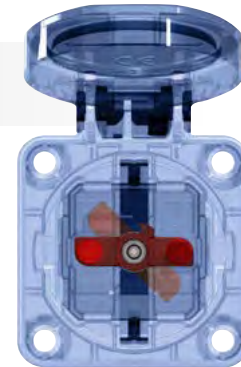
Press for closing terminal



Ready!

## 04 Shutter

**Rotation shutter** (optional)  
Child protection 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 Colours - 7 versions



**e** yellow  
(sim. RAL1023)



**r** red  
(sim. RAL3000)



**u** green  
(sim. RAL6018)



**g** gray  
(sim. RAL7035)



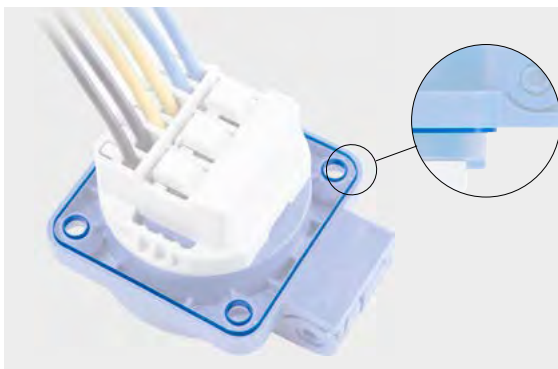
**w** white  
(sim. RAL9016)



**s** black  
(sim. RAL9005)

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

available on request (minimum quantity 200 pcs.)

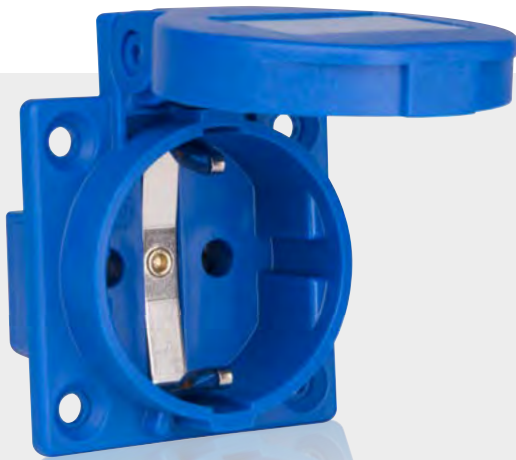


### Sealing bulge (for perfect sealing)

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

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





## Product features:

### minimized contact carrier

for mounting in narrow surroundings (cable reels)

### high stability

by single-part housing also in case of child protection (shutter)!

### robust construction

based on highgrade polyamide 6

### flange size 50x50 mm

(thinner flange, no separate gasket necessary)

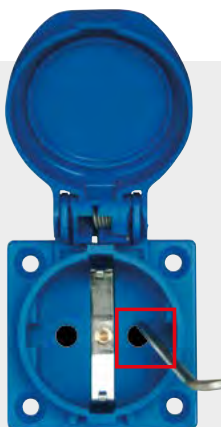
### fixing center 38x38 mm

(fourpoint-mounting with countersunk screw)

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

### Child protection (shutter)

Optional with  
child protection  
(rotation shutter)



### Belgian/French standard

Earth pin with  
single part  
terminal - also  
available in version  
with child protection  
(shutter)



### Screw contact systems

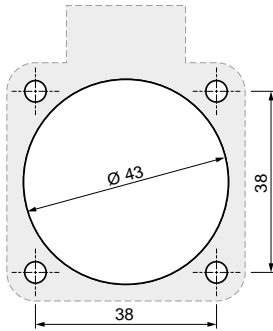
side  
connection



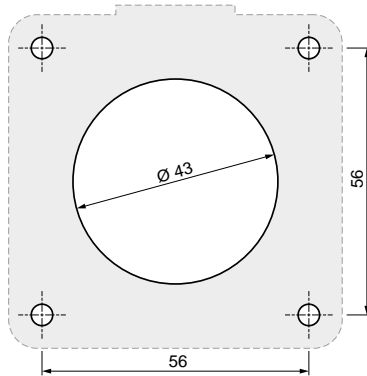
rear  
connection

# Socket outlets

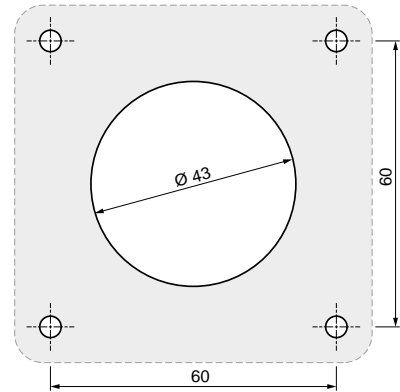
## Dimensions S-NOVA:



Flange: 50x50 mm

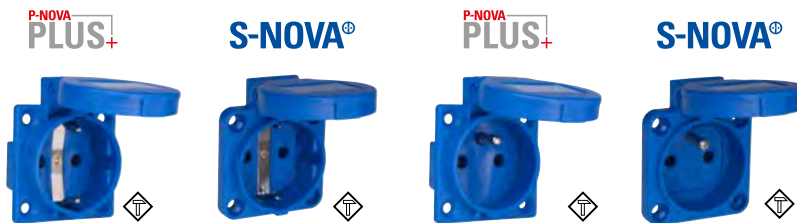






Flange: 70x70 mm



Flange: 75x75 mm

## Versions: Flange 50x50

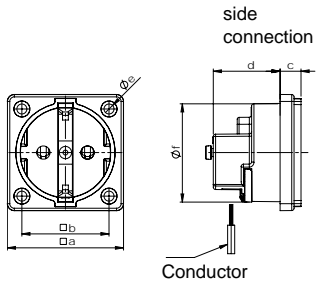


Connection type	Austrian/German system  		Belgian/French system  	
<b>Screw terminal rear connection</b>				
	1050-0b	105-0b	1040-0b	104-0b
incl. child protection (shutter)	1050-0bc	105-0bc	1040-0bc	104-0bc
incl. sealing bulge*	1050-0bw	105-0bw		
<b>Screw terminal side connection</b>				
	1050-0bs	105-0bs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

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







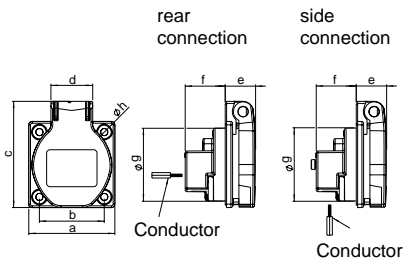
**Socket outlet Austrian/German system**

• STANDARD •

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

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

**IP20**



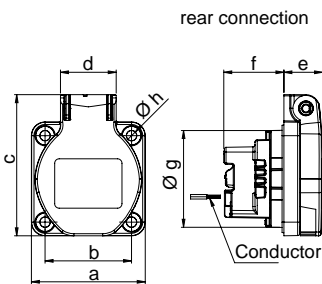
**Socket outlet Austrian/German system**

• STANDARD •

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

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

**IP54** splashproof



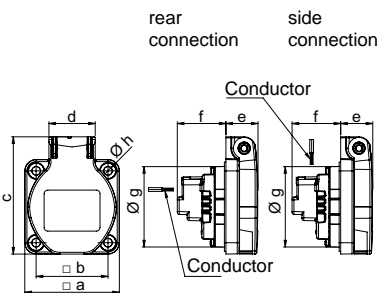
**Socket outlet Austrian/German system**

• STANDARD •

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

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

**IP54** splashproof



**Socket outlet Austrian/German system**

• STANDARD •      • SPECIAL •

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

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

**IP54** splashproof





STANDARD

SPECIAL

SPECIAL

250V~  
50/60Hz  
Flange  
50x50250V~  
50/60Hz  
Flange  
70x70250V~  
50/60Hz  
Flange  
75x75

PCE

Amp.	Poles	pack. unit	Abbreviations/Types	Cat.No.	Cat.No.	Cat.No.
------	-------	------------	---------------------	---------	---------	---------

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

P-NOVA  
PLUS+

„sc“ side connection, with child protection (shutter)

10584-0wsc



10584-0wsc

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

P-NOVA  
PLUS+

rear connection (standard)

1050-0b

„s“ side connection

1050-0bs

„c“ rear connection, with child protection (shutter)

1050-0bc

„sc“ side connection, with child protection (shutter)

1050-0bsc



1050-0b

16	3	100				
16	3	100				

S-NOVA®

rear connection (standard)

109-0b

„c“ rear connection, with child protection (shutter)

109-0bc

TURBU<sup>click</sup>  
TERMINAL

109-0b

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

S-NOVA®

rear connection (standard)

105-0b

„s“ side connection

105-0bs

„c“ rear connection, with child protection (shutter)

105-0bc

„sc“ side connection, with child protection (shutter)

105-0bsc

105-7b

105-7bs

105-7bc

105-7bsc

105-8b

105-8bs

105-8bc

105-8bsc

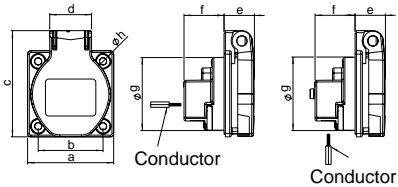
105-0b  
Flange = 50x50105-8b  
Flange = 75x75

Special versions are available on request.

**Plugs and socket outlets**

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

rear connection      side connection



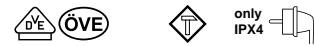
**Socket outlet Austrian/German system**

• STANDARD •

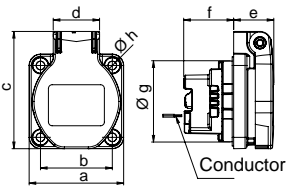
	16 Amp
<b>Poles</b>	2P + E
<b>Flange a [mm]</b>	50
<b>Fixing center b [mm]</b>	38
<b>c [mm]</b>	62
<b>d [mm]</b>	25
<b>e [mm]</b>	22
<b>f [mm]</b>	24
<b>g [mm]</b>	43
<b>h [mm]</b>	4,2
<b>Wire flexible [mm<sup>2</sup>]</b>	1 - 2x2,5
<b>Wire solid [mm<sup>2</sup>]</b>	1 - 2x2,5
<b>Contact screws [Ncm]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

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

**IP54** splashproof



rear connection



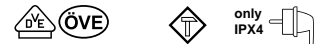
**Socket outlet Austrian/German system**

• STANDARD •

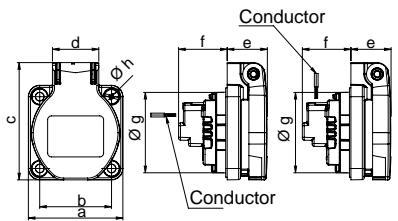
	16 Amp
<b>Poles</b>	2P + E
<b>Flange a [mm]</b>	50
<b>Fixing center b [mm]</b>	38
<b>c [mm]</b>	62
<b>d [mm]</b>	25
<b>e [mm]</b>	21
<b>f [mm]</b>	26
<b>g [mm]</b>	43
<b>h [mm]</b>	4,2
<b>Wire flexible [mm<sup>2</sup>]</b>	1 - 2x2,5
<b>Wire solid [mm<sup>2</sup>]</b>	1 - 2x2,5
<b>Weight [g]</b>	44

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

**IP54** splashproof



rear Connection      side connection



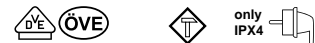
**Socket outlet Austrian/German system**

• STANDARD •      • SPECIAL •

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

- 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

250V~  
50/60Hz  
Flange  
50x50

250V~  
50/60Hz  
Flange  
70x70

250V~  
50/60Hz  
Flange  
75x75

PCE

Amp. Poles pack. unit

Abbreviations/Types

Cat.No.

Cat.No.

Cat.No.

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

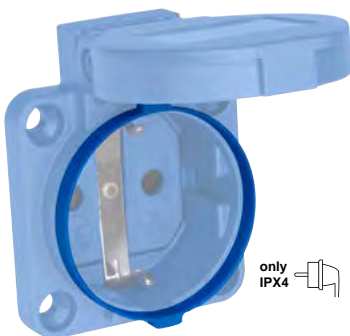
105-8bw



105-0bw

Explanation:

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

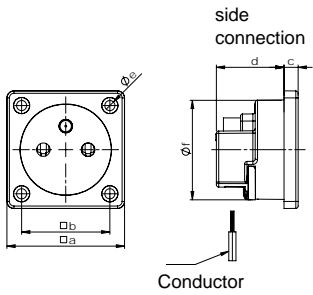


only IPX4



**Plugs and socket outlets**

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

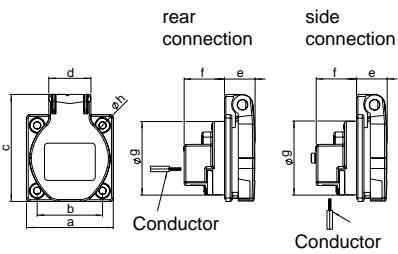


**Socket outlet Belgian/French system**

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

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

**IP20**

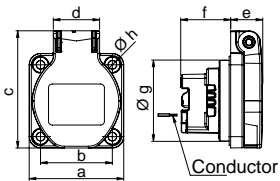


**Socket outlet Belgian/French system**

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

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

**IP54** splashproof

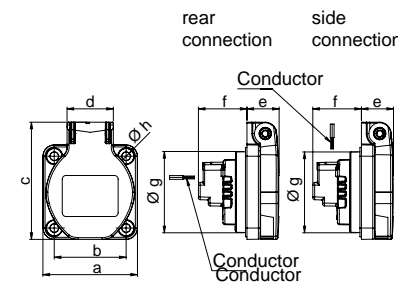


**Socket outlet Belgian/French version**

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

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

**IP54** splashproof



**Socket outlet Belgian/French version**

	• STANDARD •		• SPECIAL •	
	16 Amp		16 Amp	
<b>Poles</b>	2P + E	2P + E	2P + E	2P + E
<b>Flange a [mm]</b>	50	70	75	
<b>Fixing center b [mm]</b>	38	56	60	
<b>c [mm]</b>	62	72	75	
<b>d [mm]</b>	25	25	25	
<b>e [mm]</b>	17	17	17	
<b>f [mm]</b>	26	26	26	
<b>g [mm]</b>	43	43	43	
<b>h [mm]</b>	4,2	5,5	5,5	
<b>Wire flexible [mm<sup>2</sup>]</b>	1 - 2x2,5			
<b>Wire solid [mm<sup>2</sup>]</b>	1 - 2x2,5			
<b>Contact screws [Ncm]</b>	80		51	
<b>Weight [g]</b>	45	50	51	

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

**IP54** splashproof





STANDARD

SPECIAL

SPECIAL

**250V~**  
 50/60Hz  
 Flange  
**50x50**
**250V~**  
 50/60Hz  
 Flange  
**70x70**
**250V~**  
 50/60Hz  
 Flange  
**75x75**
**PCE**

Amp.	Poles	pack. unit	Abbreviations/Types	Cat.No.	Cat.No.	Cat.No.
16	3	100	<b>P-NOVA PLUS+</b> „S“ side connection color: white	10484-0ws		
16	3	100	<b>P-NOVA PLUS+</b> <b>rear connection (standard)</b>	1040-0b		
16	3	100	„S“ side connection	1040-0bs		
16	3	100	„C“ with child protection (shutter)	NF 1040-0bc		
16	3	100	„SC“ side connection, with child protection (shutter)	NF 1040-0bsc		
16	3	100	<b>S-NOVA®</b> <b>rear connection (standard)</b>	108-0b		
16	3	100	„C“ with child protection (shutter)	NF 108-0bc		
16	3	100	<b>S-NOVA®</b> <b>rear connection (standard)</b>	104-0b	104-7b	104-8b
16	3	100	„S“ side connection	104-0bs	104-7bs	104-8bs
16	3	100	„C“ with child protection (shutter)	NF 104-0bc	104-7bc	104-8bc
16	3	100	„SC“ side connection, with child protection	NF 104-0bsc	104-7bsc	104-8bsc



10484-0ws



1040-0b

**TURBOclick**  
**TERMINAL**


108-0b

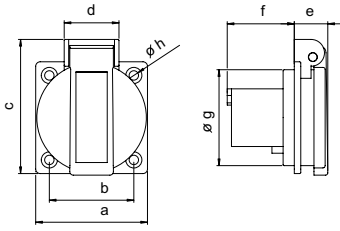
108-0b

104-0b  
Flange = 50x50

Special versions are available on request.

## Plugs and socket outlets

### Flanged sockets conforming to Danish, English and Swiss system

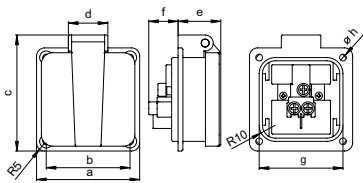


#### Socket outlet Danish system

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

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

**IP54** splashproof

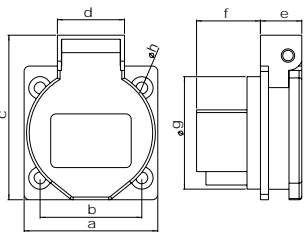
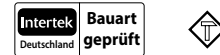


#### Socket outlet English version

	13 Amp	13 Amp
<b>Poles</b>	2P + E	2P + E
<b>a [mm]</b>	64	50
<b>b [mm]</b>	52	38
<b>c [mm]</b>	72	64
<b>d [mm]</b>	25	25
<b>e [mm]</b>	26,5	18
<b>f [mm]</b>	18	22
<b>g [mm]</b>	52	35
<b>h [mm]</b>	4,2	4,5
<b>Weight [g]</b>	67	50

- with screw terminals
- housing material: PA6

**IP54** splashproof

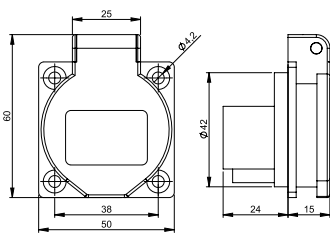


#### Socket outlet Swiss version T13

	10 Amp
<b>Poles</b>	2P + E
<b>a [mm]</b>	50
<b>b [mm]</b>	38
<b>c [mm]</b>	62
<b>d [mm]</b>	29
<b>e [mm]</b>	15
<b>f [mm]</b>	23
<b>g [mm]</b>	42
<b>h [mm]</b>	4,2
<b>Weight [g]</b>	42

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

**IP54** splashproof

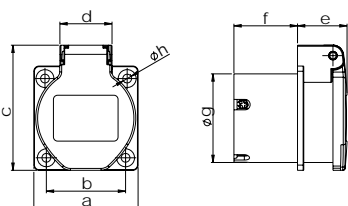


#### Socket outlet Swiss version T23

	16 Amp
<b>Poles</b>	2P + E
<b>a [mm]</b>	50
<b>b [mm]</b>	38
<b>c [mm]</b>	60
<b>d [mm]</b>	25
<b>e [mm]</b>	15
<b>f [mm]</b>	24
<b>g [mm]</b>	42
<b>h [mm]</b>	4,2
<b>Weight [g]</b>	42

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

**IP54** splashproof



#### Socket outlet Swiss version T25

	16 Amp
<b>Poles</b>	3L + N + PE
<b>a [mm]</b>	50
<b>b [mm]</b>	38
<b>c [mm]</b>	60
<b>d [mm]</b>	25
<b>e [mm]</b>	24
<b>f [mm]</b>	31
<b>g [mm]</b>	43
<b>h [mm]</b>	4,2
<b>Weight [g]</b>	64

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts
- 250V/400V~ 16A

**IP54** splashproof



250V~

50/60Hz

400V~

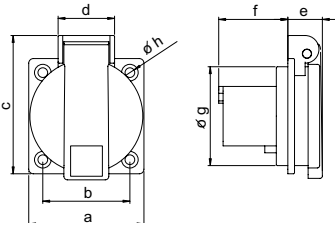
50/60Hz

Amp.	Poles	pack. unit	Abbreviations/Types	Cat.No.	Cat.No.	
16	3	100	rear connection Flange: 50 x 50	1030-0b	blue	 1030-0b
16	3	100	rear connection Flange: 50 x 50	1030-0s	black	
13	3	100	side connection Flange: 64 x 64	1020-0s	black	 1020-5s
13	3	100	side connection Flange: 50 x 50	1020-5s	black	
10	3	100	rear connection Flange: 50 x 50	1013-0b	blue	 1013-0b
10	3	100	rear connection Flange: 50 x 50	1013-0s	black	
16	3	100	side connection Flange: 50 x 50	1023-0bs	blue	 1023-0bs
16	5	100	rear connection Flange: 50 x 50	1025-0r	red	 1025-0r

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

## Plugs and socket outlets

# Flanged sockets, data socket and accessories

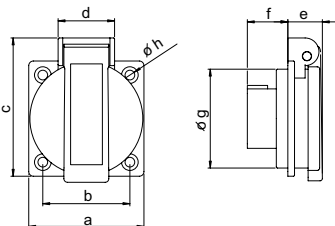


### Socket outlet Italian system

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

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

**IP54** splashproof

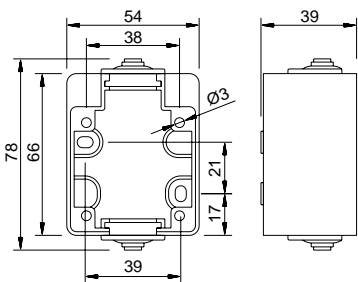


### Socket outlet Australian system

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

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

**IP54** splashproof



### Mounting box

**S-NOVA®** **P-NOVA PLUS+**

#### Advantages:

- easy mounting - long holes for screws
- hole distance dimensions - on the rear
- space between wall and box by nipples
- 2 entries (top and bottom)
- holes for dehydration available

- for sockets S-NOVA and P-NOVA Plus with hinged lid and flange size 50x50 mm
- suitable also for Swiss socket T23 1023-0bs and for Danish socket 1030-0b
- inkl. flange gasket (d105-05)

**IP44** splashproof

### Flange gasket for P-NOVA plus and S-NOVA

Flange gasket can be mounted additionally if required. (e.g.: for uneven surfaces)

- material: rubber

P-NOVA plus: s=1mm  
• flange 50x50mm

S-NOVA: s=1,5mm  
• flange 50x50 / 70x70 / 75x75mm

### Protective cover for P-NOVA plus and S-NOVA

- protective cover
- material: PP

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

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



093617

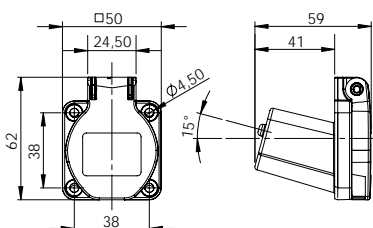







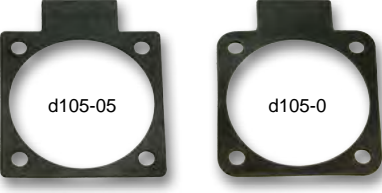


110m-0e

- Data socket with hinged lid
- colour: yellow
- housing material: PA6
- incl. rubber seal with cable entry

**IP54** splashproof (lid closed)

- CAT 6<sub>A</sub> Keystone module, shielded, RJ45 to LSA stripes
- tool free cable installation, colour coded acc. to EIA/TIA 568 A&B



Amp.	Poles	pack unit	Abbreviations/Types	Cat.No.		
16	3	100	rear connection Flange: 50 x 50	1036-0s	black	 <p>1036-0s</p>
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	 <p>106-0</p>
		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>Flange gasket for S-NOVA 50x50</b> <b>Flange gasket for S-NOVA 70x70</b> <b>Flange gasket for S-NOVA 75x75</b>	  	d105-05  d105-0 d105-70 d105-75	
		100	transparent	<b>ts105</b>		
		1	Data socket with hinged lid (2x opening) incl. 2xCAT 6 <sub>A</sub> RJ45 module (093617)	<b>12k452-0e</b>	yellow	 <p>12k452-0e</p>
		1	Data socket with hinged lid (1x opening) empty (without module)	11om-0e	yellow	
		1	Module CAT 6 <sub>A</sub> RJ45	093617		

















# NAUTILUS



**WATERTIGHT  
PLUGS AND CONNECTORS IP66/68**

# Watertight Plugs and Sockets IP66/68

## PLUG / CONNECTOR

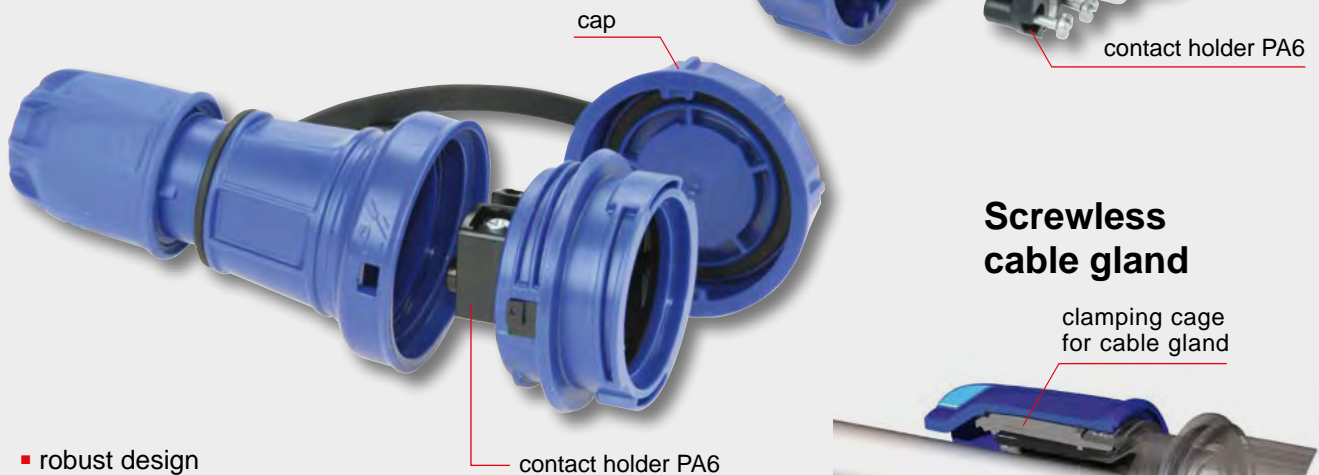
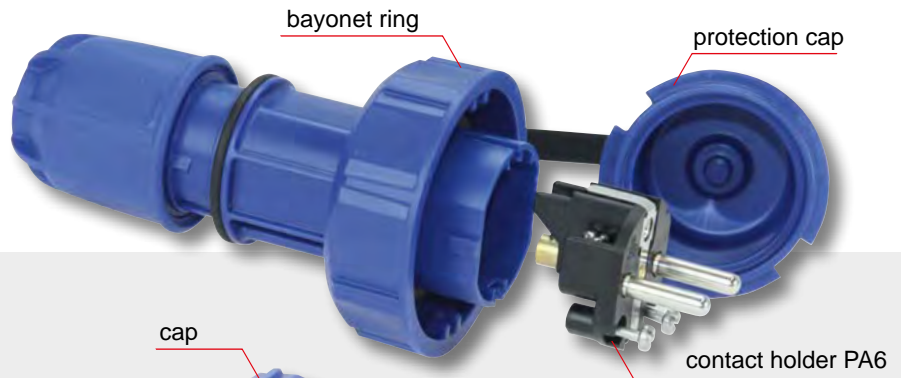
- IP66/68 waterproof up to 2 bar / 2 h
-  for severe conditions
- with/without shutter



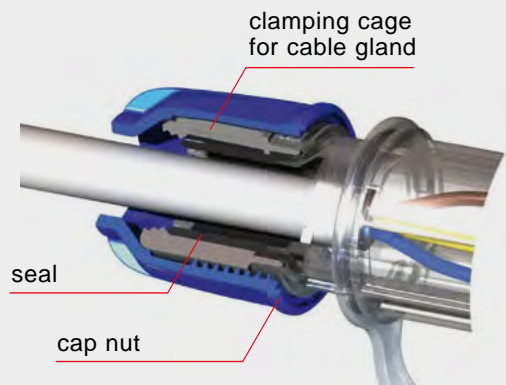
Austrian/German system



Belgian/French system



### Screwless cable gland



- robust design
- housing material PC/ABS
- protection cover with bayonet
- contact supporting part of PA6, glow wire test 850°C
- open contact screw head +/-
- 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 colour versions:
  - blue (sim. RAL5005)
  - bronze-green (sim. RAL6031)
- optional: weapon norm approval VG96926

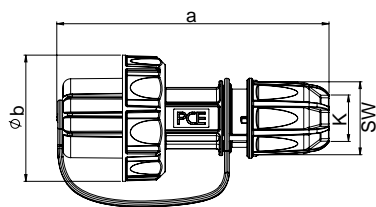
Kabel  $\varnothing$  6–19

## FLANGED SOCKET



Information icons: 'i', plug symbols, 'IP', 'IP68', 'IP66', 'Screwless cable gland', 'Seal', 'Cap nut', 'Flanged socket', 'Light bulb', 'Game controller', 'Car', '#'

## Watertight plugs and connectors IP66/68

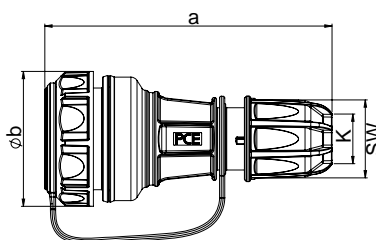


### Plug with protection cap IP66/68

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

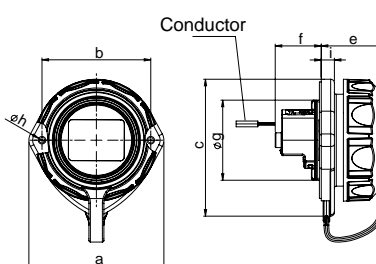


### Connector with cap IP66/68

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

- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated
- cap with band
- VG96926 (Weapon norm approval) on request!

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

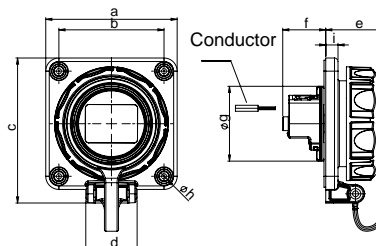


### Flanged socket oval with cover band IP66/68

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

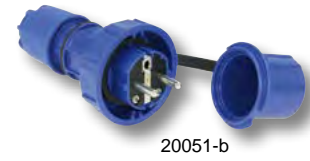




**250V~**  
50/60Hz  
blue

**250V~**  
50/60Hz  
bronzegreen

Amp.	Poles	pack. unit	Abbreviations/Types	Cat.No.	Cat.No.
16	3	10	<b>Austrian/German System</b> <b>Belgian/French System</b>	20051-b	20051-u
			2-earthing systems		
16	3	10	<b>Austrian/German System</b> without child protection (shutter)	20251-b	20251-u
			with child protection (shutter)	20251-bc	20251-uc
16	3	10	<b>Belgian/French System</b> without child protection (shutter)	20241-b	20241-u
			with child protection (shutter)	20241-bc	20241-uc
16	3	10	<b>Austrian/German System</b> rear connection	20351-9b	20351-9u
			rear connection, with child protection (shutter)	20351-9bc	20351-9uc
16	3	10	<b>Belgian/French System</b> rear connection	20341-9b	20341-9u
			rear connection, with child protection (shutter)	20341-9bc	20341-9uc
16	3	10	<b>Austrian/German System</b> rear connection	20351-8b	20351-8u
			rear connection, with child protection (shutter)	20351-8bc	20351-8uc
16	3	10	<b>Belgian/French System</b> rear connection	20341-8b	20341-8u
			rear connection, with child protection (shutter)	20341-8bc	20341-8uc



20051-b



20051-u



20251-b



20251-u



20351-9b



20351-9u



20341-8b

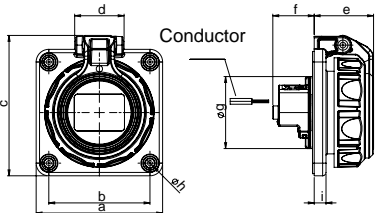


20341-8u



## watertight flanged sockets IP66/68

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



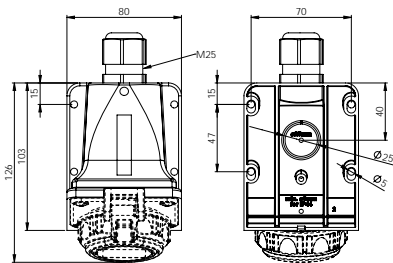
	<b>16 Amp</b>
<b>Poles</b>	2P + E
<b>a [mm]</b>	75
<b>b [mm]</b>	60
<b>c [mm]</b>	84
<b>d [mm]</b>	30
<b>e [mm]</b>	36
<b>f [mm]</b>	25
<b>g [mm]</b>	43
<b>h [mm]</b>	5,5
<b>i [mm]</b>	7
<b>Wire flexible [mm<sup>2</sup>]</b>	1 - 2x2,5
<b>Wire solid [mm<sup>2</sup>]</b>	1 - 2x2,5
<b>Contact screws [Ncm]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



### ■ Opening and closing:

When opening the hinged lid it latches into a defined position which prevents the lid when closing in a half position (Fig.1) on the housing. The open and closed position is visible by the position of the silver label to make sure, that the socket is closed all the way to be watertight.

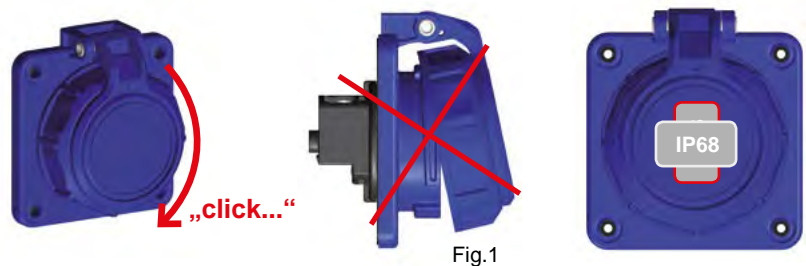


Fig.1

Labelling field horizontal

=> cover waterproof closed

IP68

Labelling field vertical






=> cover not closed correctly (not seal)

IP68



250V~  
50/60Hz  
blue

250V~  
50/60Hz  
bronzegreen

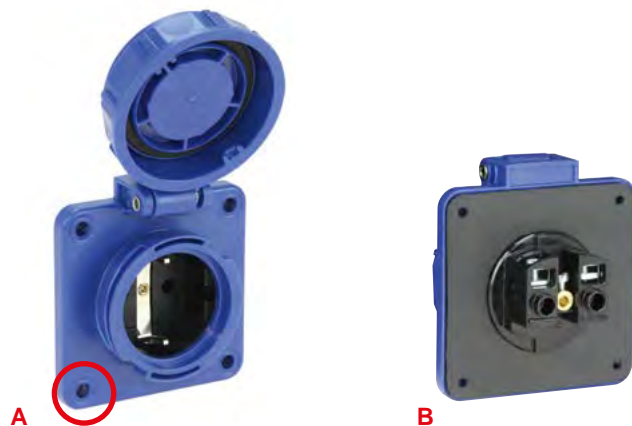
Amp.	Poles	pack. unit	Abbreviations/Types		Cat.No.	Cat.No.	
			<b>Austrian/German System</b>				
16	3	10	rear connection		20352-8b	20352-8u	
16	3	10	rear connection, with child protection (shutter)		20352-8bc	20352-8uc	
			<b>Belgian/French System</b>				
16	3	10	rear connection		20342-8b	20342-8u	
16	3	10	rear connection, with child protection (shutter)		20342-8bc	20342-8uc	
							20342-8b
							20342-8u
		10	wall housing (empty)		20168g	20168.u	
							
							20168g
							20168.u

Example:



### ■ 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.






SERIES

# TAURUS

## Plug and connector systems

### PLUGS

- IP44
-  for severe conditions
- 16A 250V~
- single and dual-point earthing system



RUBBER

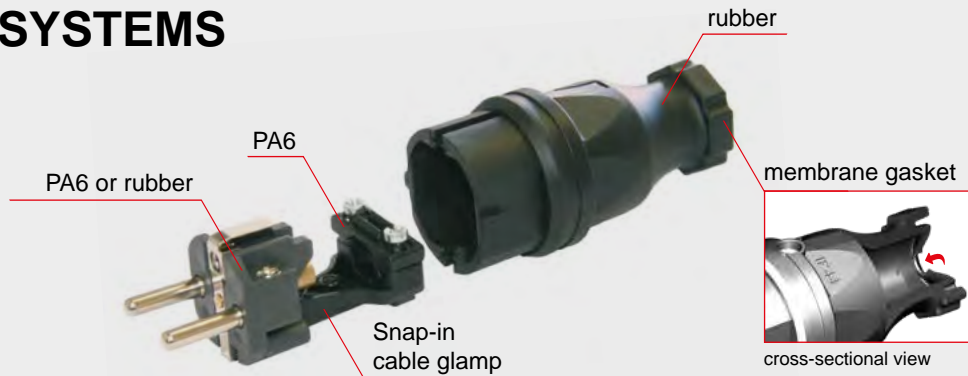


SOLID RUBBER

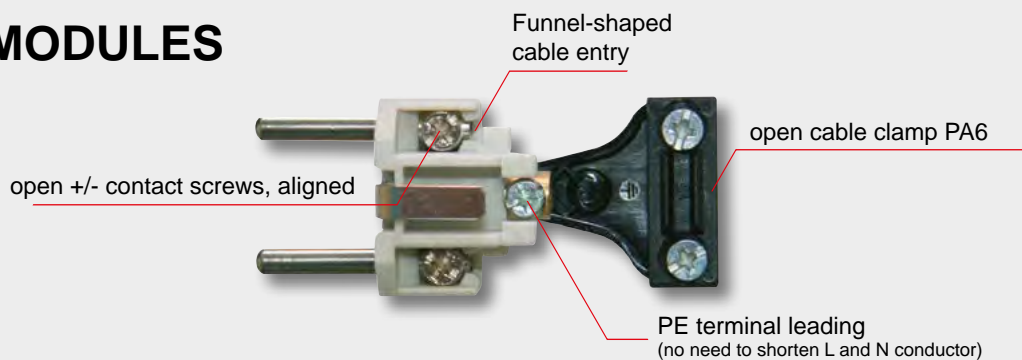
- easy assembly and disassembly of the contact carriers
- large connection area
- time saving installation

- simple handling
- robust design
- easy disassembly of shroud
- slim design

### PLUG SYSTEMS




### PLUG MODULES



up to 3G2,5 mm<sup>2</sup> rubber cable, cable diameter 6–13mm

## CONNECTOR SYSTEMS

- IP44
-  for severe conditions
- 16A 250V~
- dual-point earthing system



**RUBBER and SOLID RUBBER**



**Connector with HINGED LID**



**Connector with INTERLOCKED RING**

- internal cable clamp
- easy to use cable clamp elements (open screws)
- large connection area
- simple initial assembly
- all contact screws can be adjusted from a single direction (parallel alignment)



Solid rubber connector

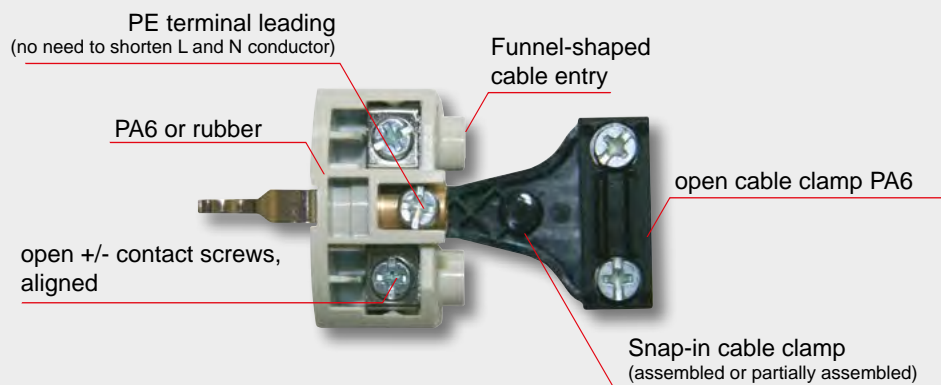


Rubber connector



Rubber connector Belgian/French

## CONNECTOR MODULES



up to 3G2,5 mm<sup>2</sup> rubber cable, cable diameter 6–13mm





SERIES

# TAURUS

## Plug and connector systems

### 3-WAY CONNECTOR

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



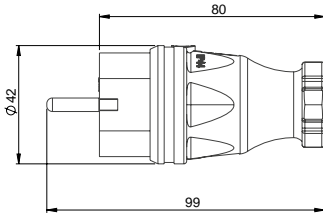
cap with band

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

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

# Safety plugs

## Rubber plug IP44



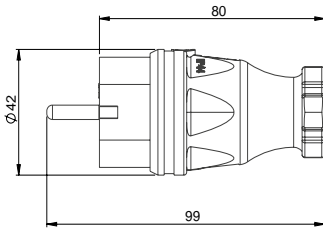
• Insert: polyamide

IP44 splashproof



Insert:	acc. Austrian/German system	dual earthing system	acc. Belg./French System
Polyamide	0511-s	0521-s	0531-s
pack.unit:	30	30	30

## Solid rubber plug IP44



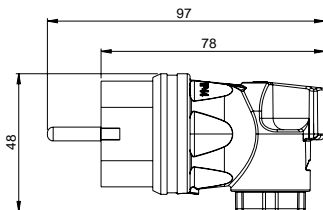
• Insert: rubber

IP44 splashproof



Insert:	acc. Austrian/German system	dual earthing system	acc. Belg./French System
Rubber	0512-s	0522-s	0532-s
pack.unit:	30	30	30

## Angled plug (rubber / solid rubber) IP44



IP44 splashproof



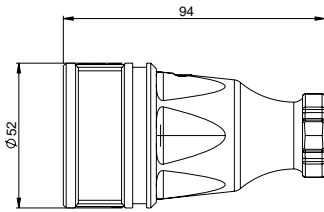
Insert:	acc. Austrian/German system	dual earthing system	acc. Belg./French System
Polyamide	05811-s	05821-s	05831-s
Rubber	05812-s	05822-s	05832-s
pack.unit	30	30	30





## Safety connectors

### Rubber connector IP20



- Insert: polyamide

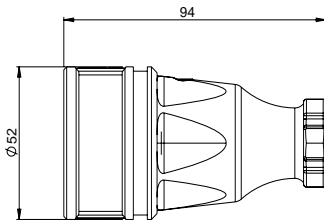
IP20



Insert:	acc. Austrian/German system	acc. Belg./French System
Polyamide	2510-s	2410-s
Polyamide with child protection	2510-sc	2410-sc
pack.unit	20	20



### Solid rubber connector IP20

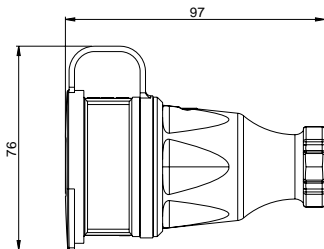


- Insert: rubber



Insert:	acc. Austrian/German system	
Rubber	2520-s	
pack.unit	20	

### Rubber connector with cap IP44



- with cap
- Insert: polyamide

IP44 splashproof

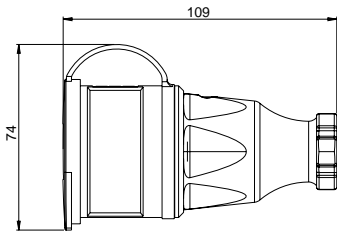


Insert:	acc. Austrian/German system	acc. Belg./French System
Polyamide	2511-s	2411-s
Polyamide with child protection	2511-sc	2411-sc
pack.unit	20	20



# Safety connectors

## Solid rubber connector with cap IP44



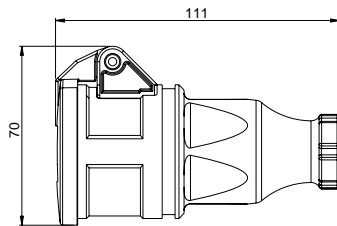
• Insert: rubber

IP44 splashproof



Insert:	acc. Austrian/German system	
Rubber	2521-s	
pack.unit	20	

## Solid rubber connector with hinged lid IP44



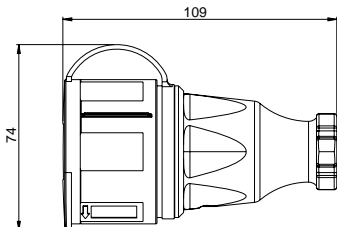
• Insert: rubber

IP44 splashproof



Insert:	acc. Austrian/German system	
Rubber	2522-s	
pack.unit	20	

## Rubber connector with cap and locking ring IP44



• With cap and locking ring  
• Insert: polyamide

IP44 splashproof

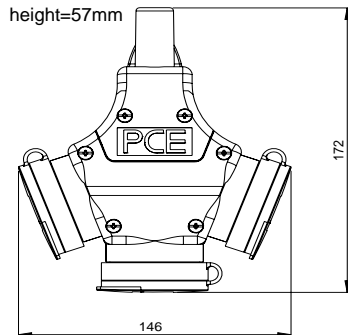


Insert:	acc. Austrian/German system	acc. Belg./French System
Polyamide	2511-sl	2411-sl
Polyamide with child protection	2511-scl	2411-scl
VPE	20	20




## 3-way connector

### 3-way connector rubber with cap\* IP44



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

IP44 splashproof 



Insert:	acc. Austrian/German system	acc. Belg./French System
Polyamide	25311-s	24311-s
Polyamide with child protection	25311-sc	24311-sc
pack.unit	5	5




\* 3-way connectors with hinged lid see page 189

### 3-way connector rubber with cap\* and 5-pole connector IP44



- 5-pole connector terminal
- With cap
- Insert: polyamide
- Ready pre-wired on main terminal

IP44 splashproof 



Insert:	acc. Austrian/German system	acc. Belg./French System
Polyamide	25311-s5	24311-s5
Polyamide with child protection		24311-sc5
pack.unit	5	5



\* 3-way connectors with hinged lid see page 189

# Safety plugs and sockets POLYAMIDE

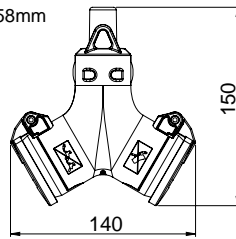
## 2-way connector with hinged lid IP44

- With hinged lid
- Insert: polyamide

IP44 splashproof



Height = 58mm



Insert:	acc. Austrian/German system	acc. Belg./French System
Polyamide	25212-r	24212-r
Polyamide with child protection	25212-rc	24212-rc
pack.unit	10	10

## Safety plugs and connectors

Polyamide

### Plug

- Polyamide

IP20

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



### Connector

- Polyamide

IP20

Colour	pack. unit	acc. Belg./Franz. system
white	25	05148
brown	25	05164
black	25	05177
grey	25	05180



## Plug British system 13A

### Plug

- Polyamide
- With integrated 13A fuse
- Cable entry: side


IP32

Color	pack unit.	acc. british system cable entry side
black	10	00200



## Plug and connector systems

### PLUG & CONNECTOR

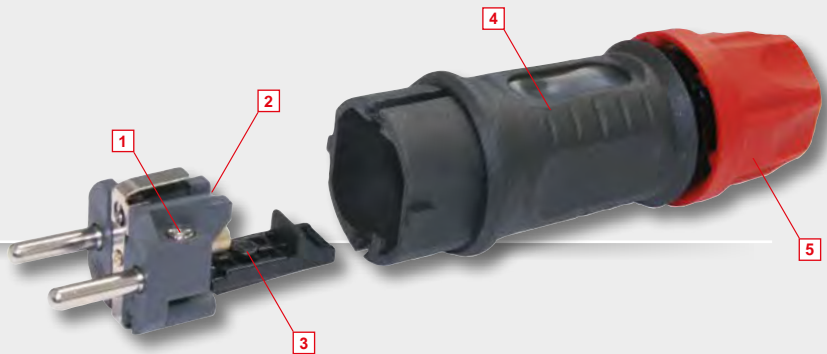
- IP44
-  for severe conditions
- 16A 250V~
- only solid rubber



- screwless cable gland
- perfect grip
- plug: dual earthing system
- connector: two earthing systems (Austrian/German system, Belg./French system)
- easy assembly and disassembly of the contact carriers

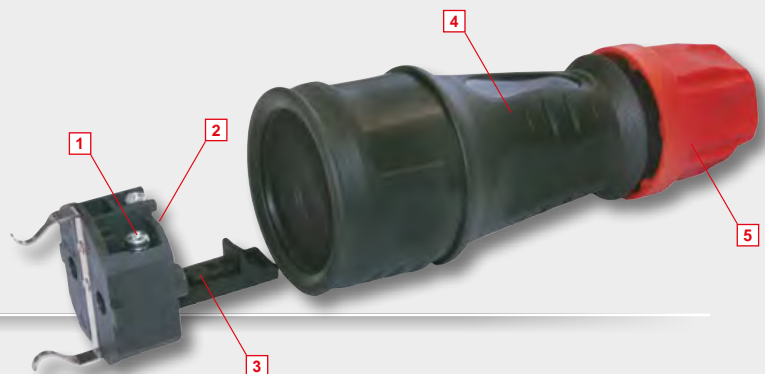
- time saving (shorter connection time) due to the external cable clamp
- large connection area
- simple handling
- robust design
- up to 3G2,5mm<sup>2</sup>

#### PLUG MODULES



- 1** open +/- contact screws, aligned
- 2** contact holder
- 3** contact support
- 4** housing
- 5** cable gland

#### CONNECTOR MODULES





## 3-WAY CONNECTOR

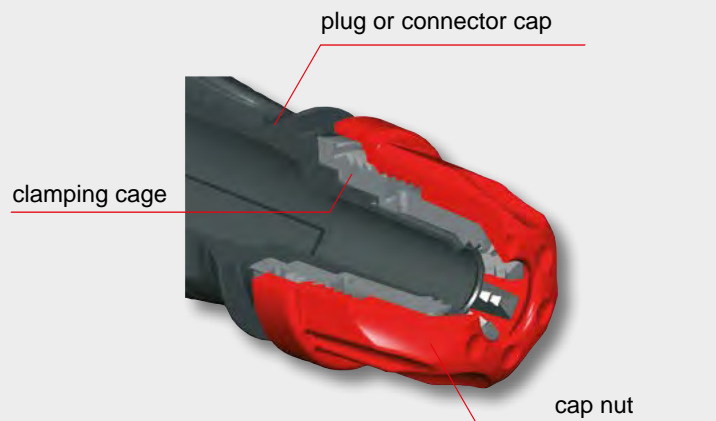


LED-indicator optional

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

## CABLE CLAMP

- externally placed
- easy handling
- simple assembly
- for cable diameters from:  
6–13mm (plug & connector)  
6–19mm (3-way connector)



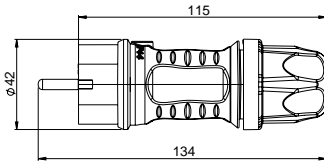
exploded view with cable



cable gland with cable



### Solid rubber plug IP44



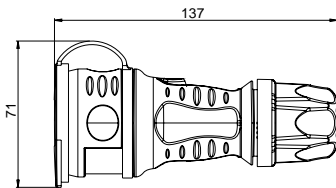
• Insert: rubber

IP44 splashproof



Insert:		dual earthing system	
Rubber		05622-s	
pack.unit		20	

### Solid rubber connector with cap IP44

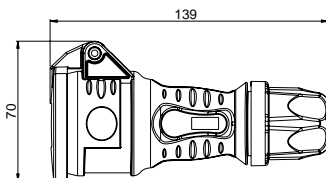


• with cap

IP44 splashproof

Insert:	acc. Austrian/German system	acc. Belg./French System
Rubber	25621-s	
Polyamide with sealing bulge		24611-s
Polyamide with sealing bulge and child protection		24611-sc
pack.unit	10	10

### Solid rubber connector with hinged lid IP44



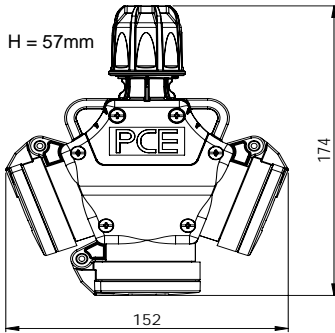
• with hinged lid

IP44 splashproof

Insert:	acc. Austrian/German system	
Rubber	25622-s	
pack.unit	10	

## CONNECTOR SYSTEMS

### 3-way connector solid rubber with hinged lid IP44



- With hinged lid
- External centric cable gland
- Insert: rubber
- Ready wired on main terminal

IP44 splashproof



Insert:	acc. Austrian/German system	
Rubber	<b>253622-s</b>	
Rubber (with LED indicator)	<b>253642-s</b>	
pack.unit	5	

other versions (e.g. child protection) on request!

### 3-way connector solid rubber with hinged lid and 5-pole terminal IP44

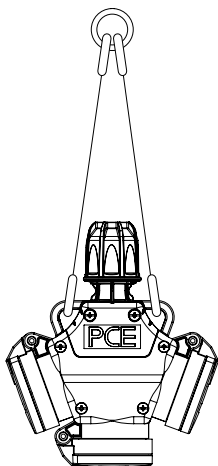


- 5-pole terminal
- With hinged lid
- External centric cable gland
- Insert: rubber
- Ready wired on main terminal

IP44 splashproof



Insert:	acc. Austrian/German system	
Rubber	<b>253622-s5</b>	
pack.unit	5	



3-way connectors are also perfectly for hanging usage!

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













**PROTECT - CHECK - SWITCH**

## Protect - Check - Switch



	Page	
<b>Mobile personal protection device</b> PRCD-S+, PRCD-K+, NM5p, Safety distribution boxes	<b>192</b>	
<b>CEE diagnostic plug</b>	<b>196</b>	
<b>CEE current measurement plug</b>	<b>197</b>	
<b>Adaptors</b>	<b>198</b>	
<b>Motor protection switch</b>	<b>199</b>	
<b>Motor protection plugs</b>	<b>200</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 The integral surge voltage protection detects 400 VAC and 220 VDC and does not allow these to pass (a weak point occurs).
- 7 Undervoltage will be recognized and the **PRCD-S+** switches off.
- 8 The **PRCD-S+** recognises conductor interruptions or wiring errors from the source system.
- 9 The **PRCD-S+** from PCE is very handy and light weight, much simpler in comparison to an isolation transformer and cheaper in acquisition and usage.

PCE's **PRCD-S+** protects the user against incorrect electrical installations.

- ✓ N or L conductor interrupted
- ✓ External voltage on the PE conductor
- ✓ Surge voltage
- ✓ Wiring errors ( L and PE conductor reversed)
- ✓ PE conductor interrupted
- ✓ Undervoltage or voltage failure
- ✓ DC voltage
- ✓ Fault currents with rated values of 30mA (or 10mA)

[www.prcd-s.info](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

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

4670001



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

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

4670002



## PRCD-S+ Safety cable reel XREEL®250

- 25m H07RN-F 3G1,5
- 3x safety sockets (individually replaceable) with sealing bulge and self closing hinged lid 16A 250V, thermo protection switch and rubber safety plug (dual earthing system)
- Including mobile personal protection device **PRCD-S+** 16A 250V~ 30mA, IP44

9250027-p



## PRCD-S+ Safety cable reel XREEL®310

- 40m H07RN-F 3G2,5
- 4x safety sockets (individually replaceable) with sealing bulge and self closing hinged lid 16A 250V, thermo protection switch, power indicator light and rubber safety plug (dual earthing system).
- Including mobile personal protection device **PRCD-S+** 16A 250V~ 30mA, IP44

9350001-p



## Carrying case for PRCD-S+

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:**  
The PRCD-K+ is an all-pole switching mobile personal safety device with electronic fault evaluation for use with sockets with unknown protective measures to allow persons and electrical equipment to safely draw current from a supply point!
  - Unlike the PRCD-S+, the PRCD-K+ has no PE circuit monitoring, as it has been specially developed for use in IT power grids (isolating transformers, power generators, etc...).
  - **The PRCD-K+ recognizes and protects in the following cases:**
    - N conductor interrupted
    - Undervoltage or voltage failure
    - Surge voltage
    - DC voltage
    - Wiring errors
    - Fault currents with rated values of 30mA
- To protect against surge voltage in the PE conductor a varistor is built-in, which shuts off all poles of the PRCD-K+. Therefore, the highest possible personal protection is given!*

- Cable inline version **PRCD-K+** 16A 30mA IP55

968011355

# PRCD-S protective switching device 3-phase

with comprehensive personal protection



## NM5p Network monitor device

- **The processor-controlled network monitor device NM5p is used to monitor phases, neutral and grounding of 5-pin 400V plug-in devices in TN power supply networks.**
- **PRCD-S protection device:**  
The NM5p, in conjunction with a tested circuit arrangement by RCD and contactors, provides reliable protection against electrical accidents in the case of power supply-side faults. (Example: incorrectly connected plug-in devices)
- **NM5P monitoring device** for DIN rail mounting (2TE) with push button  
Input: L1 / L2 / L3 / N / PE and connection for external button  
Output: control for 2x contactor (K1 and K2)

47365

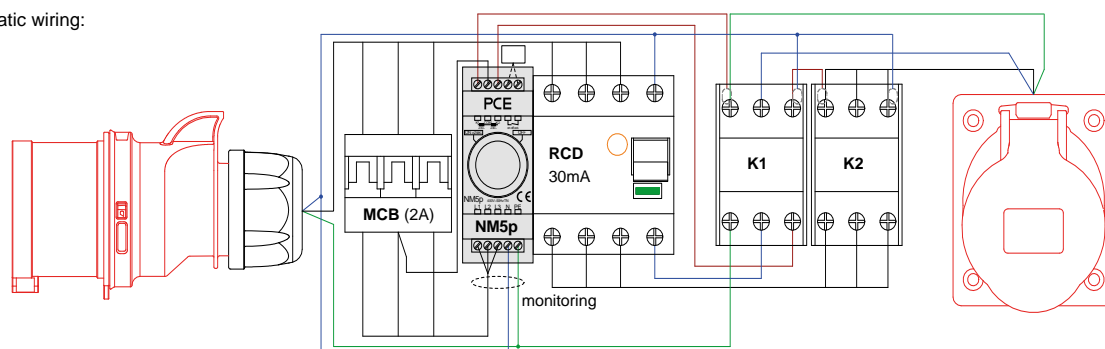


### Error detection:

The NM5p monitoring device will not turn on or switches off within 0,1 sec. if:

- **Phase error:**  
Drop of one or more phase voltages towards star point, device can not be switched on or switches off within 0,1 sec.
- **Neutral is missing or carries voltage against earth:**  
Increase of the neutral conductor voltage  $> 50V_{eff}$  against earth, device can not be switched on or switches off within 0,1 sec.
- **Ground is missing or carries voltage against measured reference:**  
Increase of the voltage at the earthing line  $> 50V_{eff}$ , device can not be switched on or switches off within 0,1 sec.
- **Protection against automatic restart:**  
In the event of power failures, protection against automatic re-switching on, prevents uncontrolled starting of electrical appliances.

Schematic wiring:



## PRCD-S Safety distribution box 3-phase with comprehensive personal protection

### PRCD-S Safety distribution box 400V 16A with NM5P

- Mobile thermo plastic distribution box type ISCHL IP54 197x290x200
  - 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



symbolic picture

### PRCD-S Safety distribution box 400V 16A with NM5P

- Mobile rubber distribution box type RIED IP44 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



symbolic picture

### 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 16A 5p 400V fused by pre-fuse in entry
  - Protection: 1x RCD 63A/4/0.03A (TYP A 40AT) over all outlets  
1x NM5p safety control 5-phase system PCE - control unit to monitor the 5-pole power supply entry side  
2x power contactor 15kW AC3 to switch off the outlets

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
  - Ausgang: 1x CEE-socket 32A 5p 400V fused by pre-fuse in entry  
1x CEE-socket 16A 5p 400V fused with 1xMCB 16A 3p C  
3x safety socket 16A 250V IP54 fused with 3xMCB 16A 1p C
  - Protection: 1x RCD 63A/4/0.03A (TYP A 40AT) over all outlets  
1x NM5p safety control 5-phase system PCE - control unit to monitor the 5-pole power supply entry side  
2x power contactor 15kW AC3 to switch off the outlets

9504400





# CEE diagnostic plug with LED display



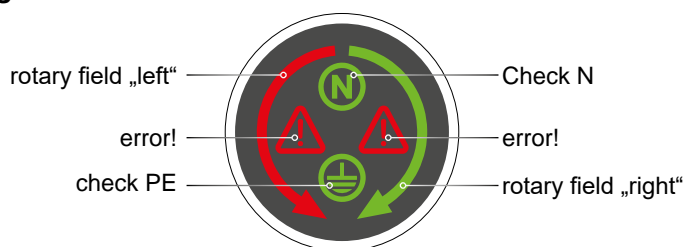
## CEE diagnostic plug\* with LED display

- The practical helper for all electricians in industry, craft and on construction sites!
- Multiple display- and diagnostic functions
  - Rotary field check
  - Phase conductor check
  - Neutral conductor check
  - Protective earth conductor check

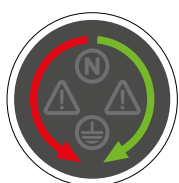
IP20

Version	Cat.No.
16A CEE plug with LED display (16A 5p 6h 400V)	<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	Cat.No.
16A CEE adapter without rotation field check	<b>9434150</b>
16A CEE adaptor with rotation field check	<b>9434151</b>



## Current measurement plug\* 32A (L1-L2-L3-N-PE)

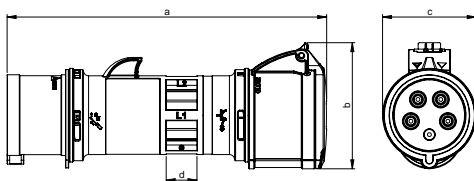
The new CEE current measurement test adapter allows a simple and easy measurement of each single phase L1-L2-L3 as well as N and PE separate with a standard clamp meter and offers an optional rotation field check.

**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	Cat.No.
32A CEE current adapter without rotation field check	<b>9434250</b>
32A CEE current adapter with rotation field check	<b>9434251</b>



Ampere	16 A	32 A
Poles	5	5
a	220	250
b	89	99
c	66	73
d	20	24



Fig.: Example with connected plug, connector and clamp meter.

**ADVANTAGES**

- **SAFE** - plugs, enclosures and connectors do not have to be opened in order to expose the wires.
- **SIMPLE** - handy and easy operation by comfortable plug-in operation (adapter function)..
- **FAST** - fast current measurement or symmetrical diagnosis for three phase loads (e.g. in combination with distribution boxes).
- **UNIVERSAL** - current measurement with standard clamp meter\* and optional rotation field check in one unit.

\* only for temporary use!



# Adaptors

## Adaptor thermoplastic

IP44 splashproof






Entry	Protection	Outlet	Cat.No.
CEE-plug 16A 5p 400V	-	CEE-socket 32A 5p 400V	<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>9437633</b>

 ... available on stock!

## Reducing adaptor solid rubber, series FREISTADT

Entry	Protection	Outlet	Cat.No.
2m cable 3G4 with CEE-plug 32A 5p 400V	MCB 16A 1p-C	safety socket 16A 250V IP54	<b>9848715</b>

Entry	Protection	Outlet	Cat.No.
CEE-plug 63A 5p 400V	MCB 16A 3p-C	2m cable 5G2,5 with CEE-connector 16A 5p 400V IP44	<b>9848069</b>

## Reducing adaptor solid rubber, series TRAUNSEE

with carrying handle

IP44 splashproof

Entry	Protection	Outlet	Cat.No.
2m cable 5G4 with CEE-plug 32A 5p 400V	MCB 16A 3p-C	CEE-socket 16A 5p 400V	<b>9216635</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

Entry	Protection	Outlet	Cat.No.
1m H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	-	CEE-connector 32A 5p 400V	<b>9809051</b>
1m H07RN-F 5G6 with CEE-plug 32A 5p 400V	-	CEE-connector 63A 5p 400V	<b>980901506204</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 - I<sub>e</sub> = 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

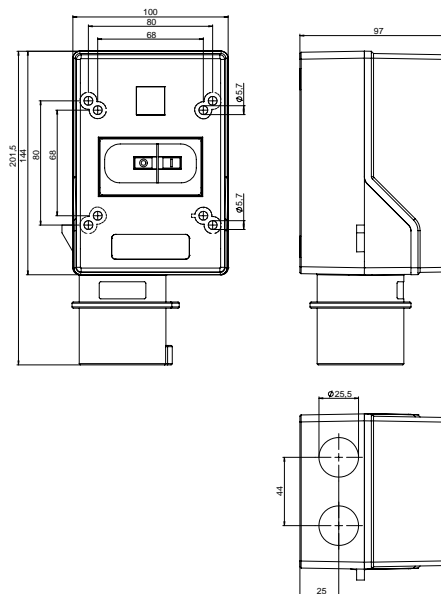
- with padlock barricade
- with undervoltage release (UVR) 400V 50Hz

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
Setting range	Cat.No.	Cat.No.
2,5 – 4,0A	210316	210336
4,0 – 6,3A	210317	210337
6,3 – 10,0A	210318	210338
10,0 – 16,0A	210319	210339



## Compact distribution box St. Anton

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

9437109







# MOTOR PROTECTION PLUGS CEE PLUGS WITH SWITCH



# Motor protection plugs

## Results without motor protection plugs:

Do you know the problem of ...

- >> ... a destroyed engine?
- >> ... a defective arrangement?
- >> ... a burnt through winding by overloading?
- >> ... mechanical damage on account of wrong rotation direction?
- >> ... secondary damage such as flooding?

## Field of Applications

### >> Pumps

Submerged pumps, mobile pumping plants, pumps for construction sites, water pumps, ...

### >> Agitators

Mobile machines for mixing (building site machines)

### >> Blowers

Ventilators, space ventilation, ...

### >> Compressors

Breathing air compressors, mobile compressors, ...

### >> Conveyors

Rolling and chain conveyors, band-conveyors, ...

### >> Industrial motors

### >> Construction machines

Circular saws, hand tools, ...

### >> Extractions

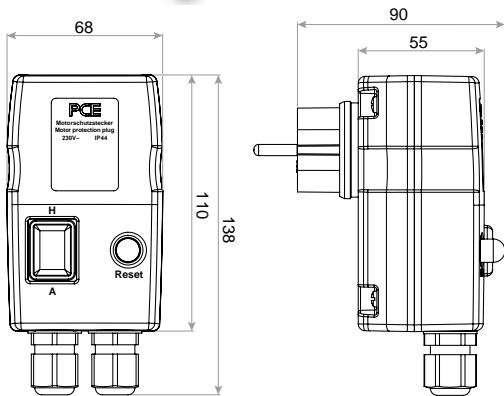
mobile laboratory ventilation, smoke extraction, ...





# Motor protection plugs 16A 230V 1,5 - 8,0A

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



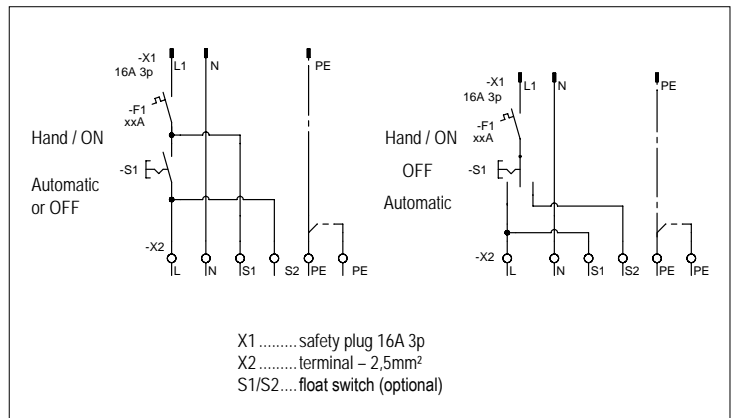
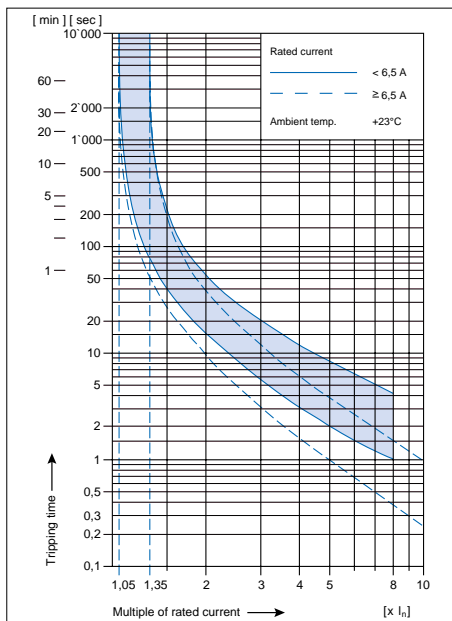
### Technical datas:

- 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: 1,5A, 3A, 4A, 5A, 6,5A, 8A
- cable entry:  
1,5–8,0A: 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

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

\* Float switch see page 211

## Motor protection plugs 16A 230V 10 - 16A

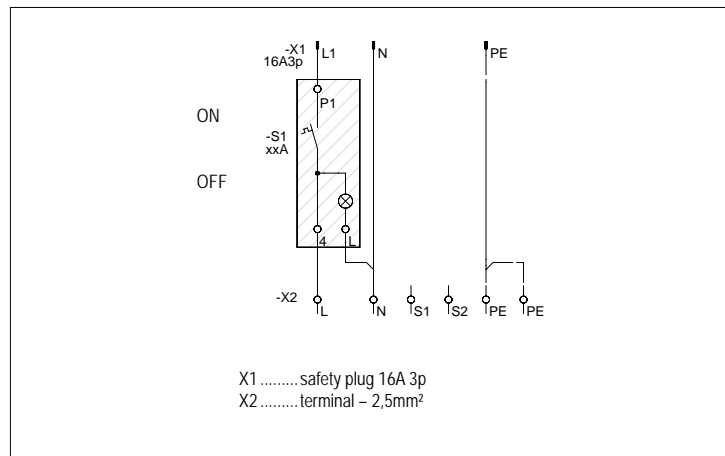
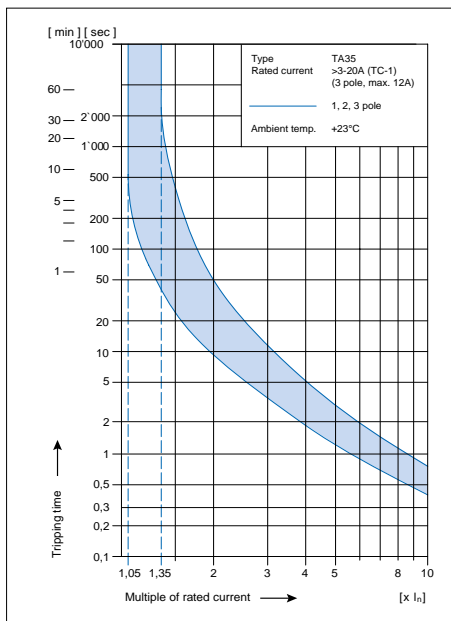
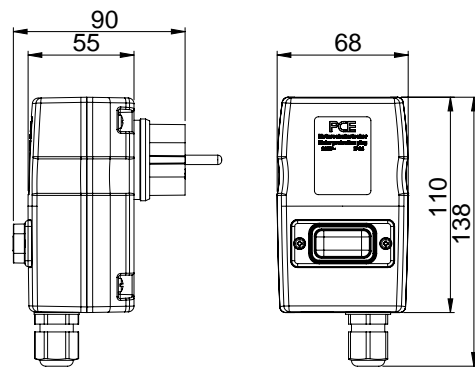
Motor protection with safety plug 16A 230V for all single-phase motors

### Technical datas:

- 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	
10A	56110004
12A	56112004
14A	56114004
15A	56115004
16A	56116004



# Motor protection plug with capacitor

## OFF/ON



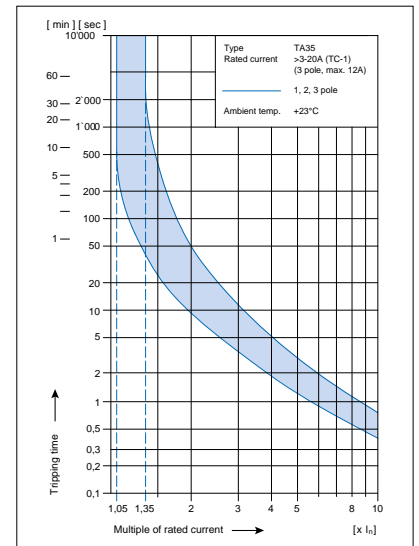
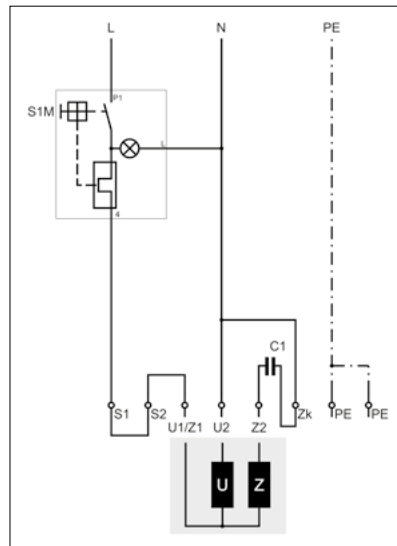
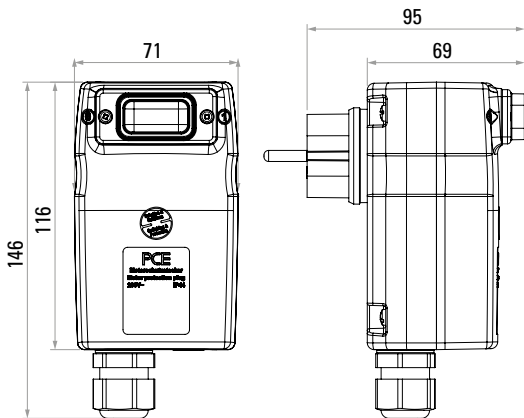
### Motor protection plug with capacitor 16A 230V for all single-phase motors

#### Technical datas:

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

Other versions on request!

# Motor protection plug with capacitor

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

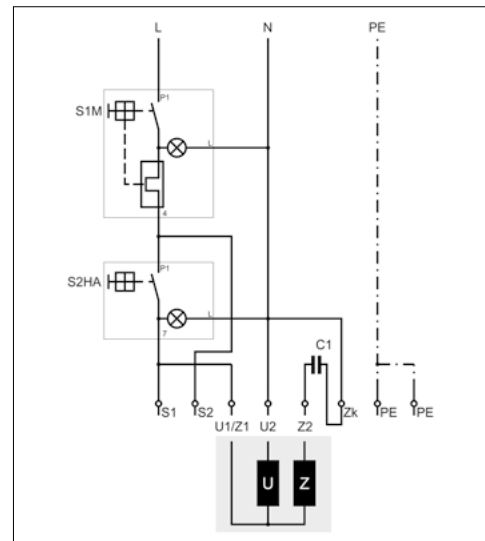
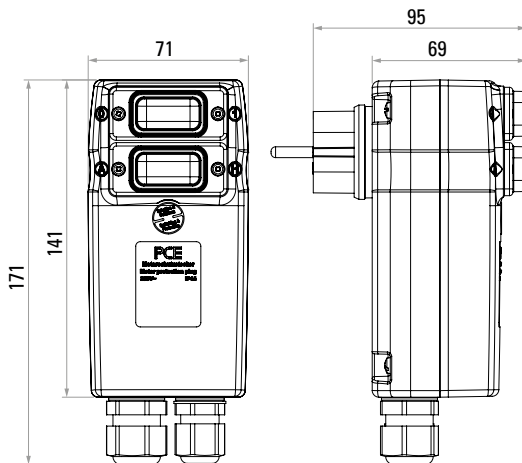
■ OFF/ON – HAND/AUTOMATIC

### Technical datas:

- 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



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


\* Float switch see page 211



# CEE plugs with switch

## CEE-ON/OFF-Switch ML0-Plug



- ON/OFF switch: AC22A, 10kA 
- Cable gland: 16A: 4p M25, 5p M25  
32A: 4p M25, 5p M32
- 400V~ 50/60Hz 4p+5p=6h

IP44 splashproof


without operating display  
with operating display

with holder

16A		32A	
4p	5p	4p	5p
54014530	54015530	54024530	54025530
540145301	540155301	540245301	540255301
53xxxxxx	53xxxxxx	53xxxxxx	53xxxxxx

## CEE-ON/OFF-Switch ML0-plug with phase inverter



- ON/OFF switch: AC22A, 10kA 
- Cable gland: 16A: 4p M25, 5p M25  
32A: 4p M25, 5p M32
- 400V~ 50/60Hz 4p+5p=6h

IP44 splashproof


without display  
with operating display  
with rotary field check

with holder

16A		32A	
4p	5p	4p	5p
54714530	54715530	54724530	54725530
547145301	547155301	547245301	547255301
547145303	547155303	547245303	547255303
53xxxxxx	53xxxxxx	53xxxxxx	53xxxxxx

## CEE-Reversing switch CA10 (CA25) - plug



- AC22A 
- Reversing switch: 16A CA10, 32A CA25
- Cable gland: 16A: 4p M25, 5p M25  
32A: 4p M25, 5p M32
- 400V~ 50/60Hz 4p+5p=6h

IP44 splashproof

without operating display  
with operating display

with holder

16A		32A	
4p	5p	4p	5p
54014610	54015610	54024625	54025625
540146101	540156101	540246251	540256251
53xxxxxx	53xxxxxx	53xxxxxx	53xxxxxx

Other versions on request !



## CEE-motor protection plugs



### Technical data:

- housing material: PC/ABS
- protection degree IP44
- IK standard acc. EN50102: IK09
- all designs available with or without holder
- large connection area

### Advantages:

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

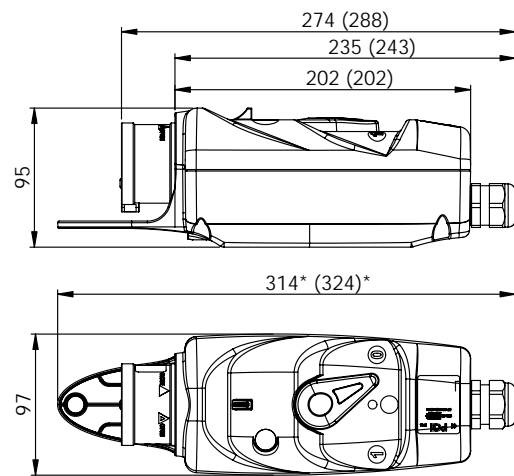
### Rotating field check:

Displays a field rotating in anti-clockwise direction.

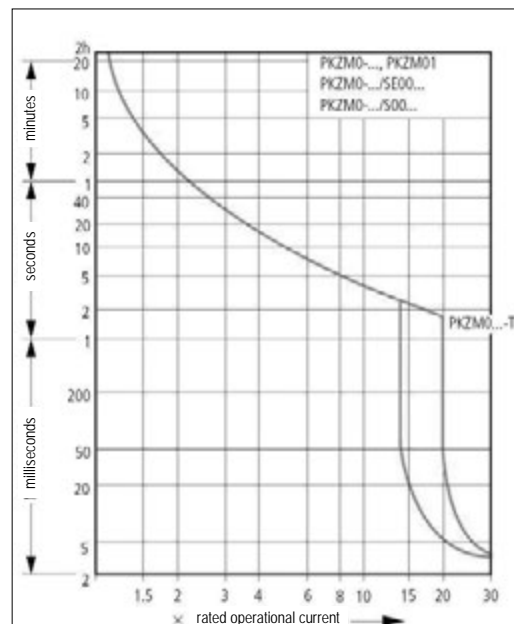
### Operating display:

Indicates the voltage supply of two phases of the connector.

- **Main field of application: Switching and protection of AC 3-phase motors with outputs of up to 15kW such as industrial motors and those fitted to pumps and circular cold saws etc.**



- dimensions: 16A (32A)
- \* dimensions only valid for design with holder



# CEE-motor protection plugs PKZM0 with rotary lever

## CEE-Motor protection plug PKZM0

- cable gland: 16A 4p and 5p M25  
32A 4p M25, 32A 5p M32
- 400V~ 50/60Hz 4p+5p=6h
- 500V version on request

IP44 splashproof



setting range	16A / 400V / 6h		32A / 400V / 6h	
	4p	5p	4p	5p
1,0 - 1,6A	54014016	54015016	54024016	54025016
1,6 - 2,5A	54014025	54015025	54024025	54025025
2,5 - 4,0A	54014040	54015040	54024040	54025040
4,0 - 6,3A	54014063	54015063	54024063	54025063
6,3 - 10A	54014100	54015100	54024100	54025100
10 - 16A	54014160	54015160	54024160	54025160
16 - 20A			54024200	54025200
20 - 25A			54024250	54025250
25 - 32A			54024320	54025320
with holder	53xxxxxx	53xxxxxx	53xxxxxx	53xxxxxx

## CEE-Motor protection plug PKZM0 with operating display

- with operating display
- cable gland: 16A 4p and 5p M25  
32A 4p M25, 32A 5p M32
- 400V~ 50/60Hz 4p+5p=6h
- 500V version on request

IP44 splashproof



setting range	16A / 400V / 6h		32A / 400V / 6h	
	4p	5p	4p	5p
1,0 - 1,6A	540140161	540150161	540240161	540250161
1,6 - 2,5A	540140251	540150251	540240251	540250251
2,5 - 4,0A	540140401	540150401	540240401	540250401
4,0 - 6,3A	540140631	540150631	540240631	540250631
6,3 - 10A	540141001	540151001	540241001	540251001
10 - 16A	540141601	540151601	540241601	540251601
16 - 20A			540242001	540252001
20 - 25A			540242501	540252501
25 - 32A			540243201	540253201
with holder	53xxxxxxxx	53xxxxxxxx	53xxxxxxxx	53xxxxxxxx

## CEE-Motor protection plug PKZM0 with phase inverter and rotation field check

- with phase inverter and rotation field check
- cable gland: 16A 4p and 5p M25  
32A 4p M25, 32A 5p M32
- 400V~ 50/60Hz 4p+5p=6h
- 500V version on request

IP44 splashproof



setting range	16A / 400V / 6h		32A / 400V / 6h	
	4p	5p	4p	5p
1,0 - 1,6A	547140163	547150163	547240163	547250163
1,6 - 2,5A	547140253	547150253	547240253	547250253
2,5 - 4,0A	547140403	547150403	547240403	547250403
4,0 - 6,3A	547140633	547150633	547240633	547250633
6,3 - 10A	547141003	547151003	547241003	547251003
10 - 16A	547141603	547151603	547241603	547251603
16 - 20A			547242003	547252003
20 - 25A			547242503	547252503
25 - 32A			547243203	547253203
with holder	53xxxxxxxx	53xxxxxxxx	53xxxxxxxx	53xxxxxxxx

Other versions on request!

# CEE-motor protection plugs PKZM0 (IP67) with rotary lever

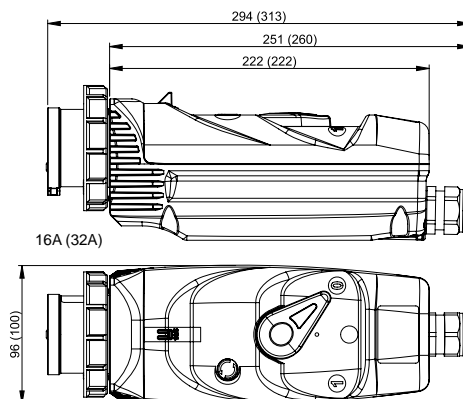
## CEE-Motor protection plug PKZM0 with phase inverter and rotation field check IP67

- with phase inverter and rotation field check
- cable gland: 16A 5p M25  
32A 5p M32
- 400V~ 50/60Hz 5p=6h
- 500V version on request
- IP67 watertight

setting range	16A / 400V / 6h		32A / 400V / 6h	
		5p		5p
1,0 - 1,6A		587150163		587250163
1,6 - 2,5A		587150253		587250253
2,5 - 4,0A		587150403		587250403
4,0 - 6,3A		587150633		587250633
6,3 - 10A		587151003		587251003
10 - 16A		587151603		587251603
16 - 20A				587252003
20 - 25A				587252503
25 - 32A				587253203



**IP67**  
watertight



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



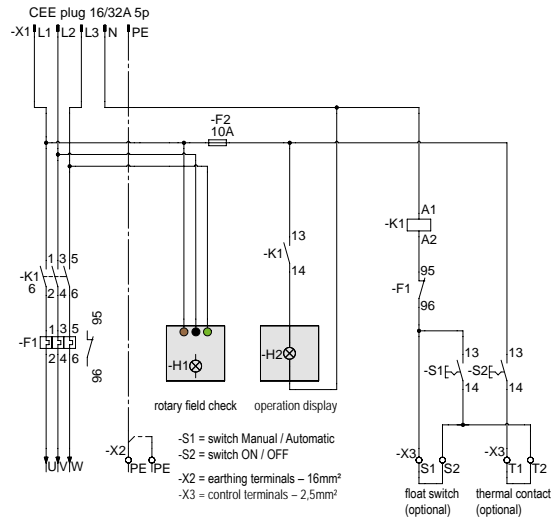
## CEE-Motor protection plug contactor up to 5,5kW (16A) and 7,5kW (32A)

### Technical data:

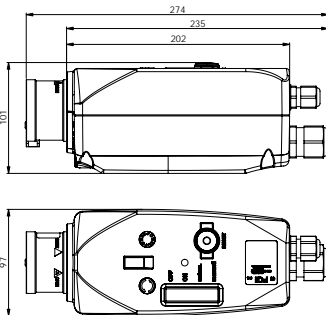
- enclosure material: PC/ABS
- protection degree: IP44
- IK standard acc. to EN50102: IK09
- temperature range: -25° C bis +40°C
- large connection area

### 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 (∅13–18mm) at 16A and M32 (∅13–20mm) at 32A
  - top part: 1x cable gland M16 (∅4–10mm) 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...

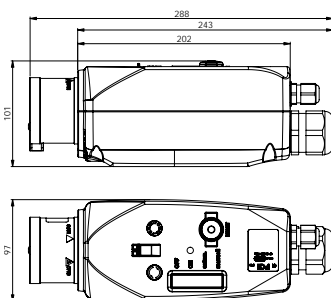


### CEE-Motor protection plug with contactor 16A 5p 400V

- 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 211

# CEE-motor protection plugs contactor up to 15 kW

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

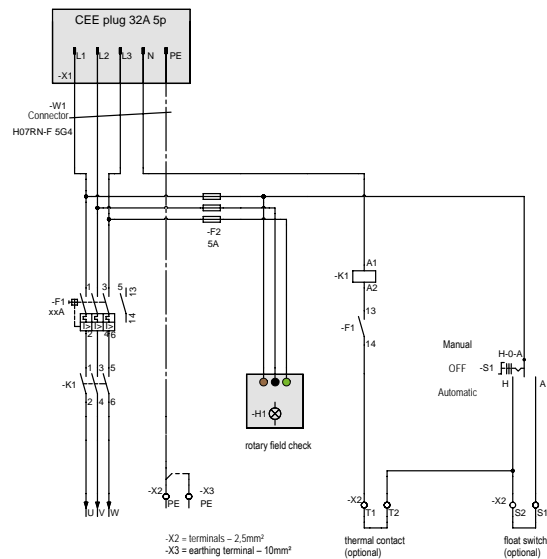
### Technical data:

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

### Designs:

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

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



### CEE-Motor protection plug glandwith 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)



### setting range

16 - 20A

20 - 25A

25 - 32A

### contactor

12,5 kW

12,5 kW

15,0 kW

**32A**

**9216211**

**9216210**

**9216212**

IP44 splashproof

### 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**















**EVENT TECHNOLOGY**

## Event technology



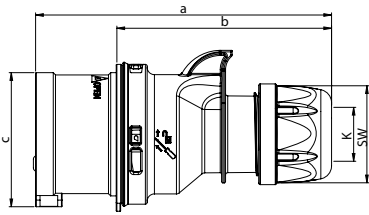
	Page	
<b>Plugs</b>	<b>214</b>	
<b>Flanged plugs</b>	<b>214</b>	
<b>Connectors</b>	<b>216</b>	
<b>Flanged sockets</b>	<b>216</b>	
<b>Socket outlet (DIN 49440)</b>	<b>220</b>	
<b>T-Connect</b>	<b>223</b>	
<b>Distribution boxes</b>	<b>224</b>	
<b>Hinged windows</b>	<b>225</b>	

■ Version in black (similar to RAL9005)

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

# Event technology MIDNIGHT-SERIES

## Plug IP44 SHARK



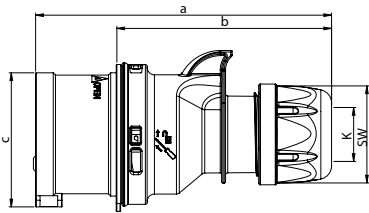
	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	86	92	98	104	104	109
c [mm]	47	53	61	63	63	70
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight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

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

**IP44** splashproof

also available in IP67

## Plug IP44 SHARK TT



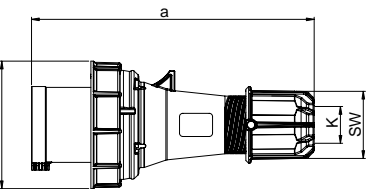
	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a [mm]	122	128	134	150	150	155
b [mm]	86	92	98	104	104	109
c [mm]	47	53	61	63	63	70
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
SW [mm]	42	42	42	50	50	50
Weight [g]	111	132	156	186	206	241

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

**IP44** splashproof

also available in IP67

## Plug IP67 POWER TWIST

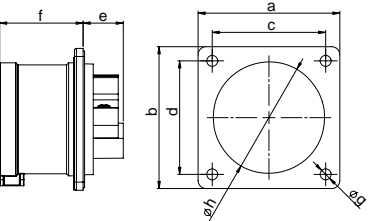


	63 Amp			125 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a [mm]	257	257	257	270	270	270
b [mm]	114	114	114	131	131	131
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Wire flexible [mm <sup>2</sup> ]	6-16			16-50		
Contact screws [Ncm]	200			450		
SW [mm]	61	61	61	81	81	81
Weight [g]	570	617	666	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

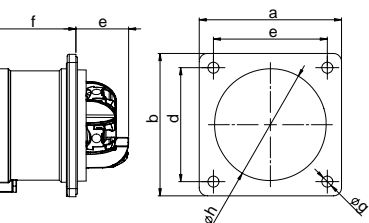


	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	21	21	20	21	21	21
f [mm]	42	42	42	51	51	51
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	43	55	55	55	55
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2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

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

**IP44** splashproof

## Flanged plug straight IP67 TT



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

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

**IP44** splashproof

**230V~**

50/60Hz  
3p=6h  
4p+5p=9h

**400V~**

50/60Hz  
3p=9h  
4p+5p=6h

Amp.	Poles	pack unit
16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

**013-6x**

**014-6x**  
**015-6x**

**023-6x**

**024-6x**  
**025-6x**



023-6x

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

**013-6TTx**

**014-6TTx**  
**015-6TTx**

**023-6TTx**

**024-6TTx**  
**025-6TTx**



015-6TTx

63	3	2
63	4	2
63	5	2
125	3	2
125	4	2
125	5	2

**033-6xs**

**034-6xs**  
**035-6xs**

**043-6xs**

**044-6xs**  
**045-6xs**



035-6xs

with flange 70 x 70 - fixing center 56 x 56

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

**613-6x**

**614-6x**  
**615-6x**

**623-6x**

**624-6x**  
**625-6x**



625-6x

with flange 70 x 70 - fixing center 56 x 56

16	3	10
16	5	10
32	4	10
32	5	10

**613-6TTx**

**615-6TTx**

**624-6TTx**  
**625-6TTx**



625-6TTx

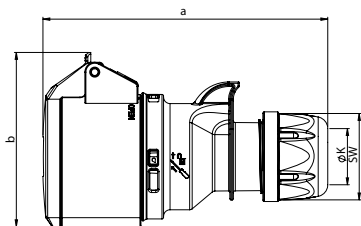
Minimum order quantity: 50 pcs.



# Event technology MIDNIGHT-SERIES

## Connector IP44

### SHARK



	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a [mm]	133	138	145	161	161	168
b [mm]	76	80	89	91	94	100
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100			110		
SW [mm]	42	42	42	50	50	50
Weight [g]	134	161	188	228	244	270

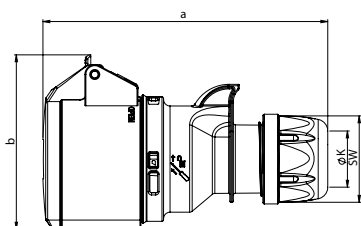
- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 215-6xv

**IP44** splashproof

also available in IP67

## Connector IP44

### SHARK TT



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

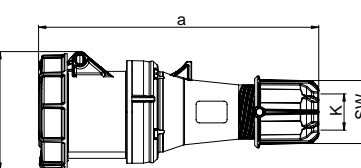
- screwless connection technology
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 215-6TTxv

**IP44** splashproof

also available in IP67

## Connector IP66/67

### POWER TWIST

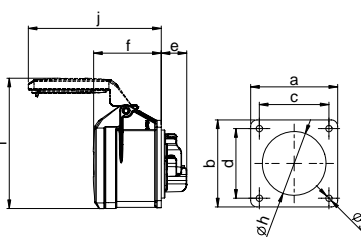


	63 Amp			125 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a [mm]	269	269	269	287	287	287
b [mm]	114	114	114	124	124	124
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Wire flexible [mm <sup>2</sup> ]	6-16			16-50		
Contact screws [Ncm]	200			450		
SW [mm]	61	61	61	81	81	81
Weight [g]	669	710	768	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



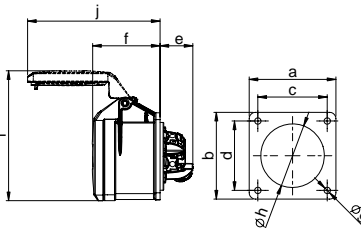
	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	21	21	21	23	23	23
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	87	101	105	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [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]	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
Poles	3	4	5	3	4	5
Flange a x b [mm]	70	70	70	70	70	70
Fixing center c x d [mm]	56	56	56	56	56	56
e [mm]	27	27	27	27	27	27
f [mm]	55	55	55	67	67	67
g [mm]	5,5	5,5	5,5	5,5	5,5	5,5
h [mm]	43	45	55	55	55	58
i [mm]	87	101	105	112	112	108
j [mm]	101	101	107	122	122	136
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Wire solid [mm <sup>2</sup> ]	1-4			2,5-10		
Weight [g]	117	128	146	161	178	207

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

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

also available in IP67



**230V~**

50/60Hz  
3p=6h  
4p+5p=9h

**400V~**

50/60Hz  
3p=9h  
4p+5p=6h

Amp.	Poles	pack unit
16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

**Cat.No.**

**Cat.No.**

**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**

**TURBO** click  
**TERMINAL**



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**

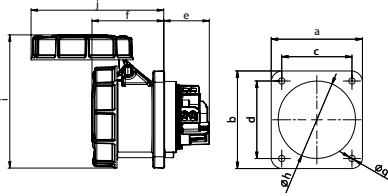
**TURBO** click  
**TERMINAL**



313-6TTx

Minimum order quantity: 50 pcs.

# Event technology MIDNIGHT-SERIES



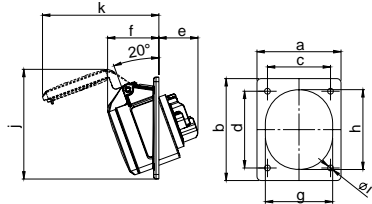
## Flanged socket straight 66/67

### POWER TWIST

	63 Amp			125 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a x b [mm]	100	100	100	120	120	120
Fixing center c x d [mm]	80	80	80	100	100	100
e [mm]	50	50	50	48	48	48
f [mm]	80	80	80	101	101	101
g [mm]	7	7	7	8	8	8
h [mm]	85	85	85	90	90	90
i [mm]	147	147	147	159	159	159
j [mm]	146	146	146	179	179	179
Wire flexible [mm <sup>2</sup> ]	6-16			16-50		
Wire solid [mm <sup>2</sup> ]	6-25			16-70		
Contact screws [Ncm]	200			450		
Weight [g]	488	533	587	752	890	986

- Contact frame with screws (63A) for 125A with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact please add a „5“ e.g. 3335-6xs (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 3336-6xs (see page 8)

IP66/67 watertight



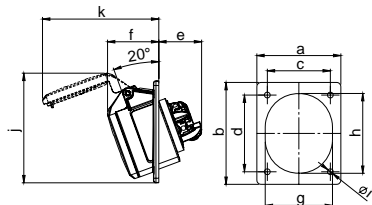
## Flanged socket sloping IP44

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

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

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

also available in IP67



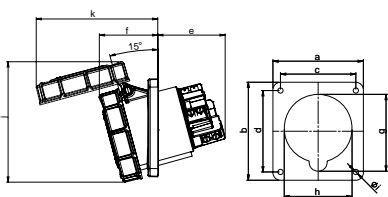
## Flanged socket sloping IP44 TT

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a [mm]	80	80	80	80	80	80
Flange b [mm]	97	97	97	97	97	97
Fixing center c [mm]	60	60	60	60	60	60
Fixing center d [mm]	73	73	73	73	73	73
e [mm]	41	41	41	48	48	48
f [mm]	47	47	49	54	54	55
g [mm]	51	56	65	65	65	70
h [mm]	61	67	76	75	75	80
i [mm]	5,5	5,5	5,5	5,5	5,5	5,5
j [mm]	97	103	105	105	105	99
k [mm]	99	104	111	119	119	130
Wire flexible [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. 415-6TTxv

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

also available in IP67



## Flanged socket sloping IP67

### POWER TWIST

	63 Amp			125 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange a [mm]	100	100	100	120	120	120
Flange b [mm]	112	112	112	130	130	130
Fixing center c [mm]	80	80	80	100	100	100
Fixing center d [mm]	88	88	88	108	108	108
e [mm]	64	64	64	92	92	92
f [mm]	80	80	80	77	77	77
g [mm]	92	92	92	102	102	102
h [mm]	82	82	82	90	90	90
i [mm]	7	7	7	7	7	7
j [mm]	148	148	148	160	160	160
k [mm]	154	154	154	162	162	162
l [mm]	154	154	154	162	162	162
Wire flexible [mm <sup>2</sup> ]	6-16			16-50		
Wire solid [mm <sup>2</sup> ]	6-25			16-70		
Contact screws [Ncm]	200			450		
Weight [g]	495	540	595	804	896	995

- Contact frame with screws (63A) for 125A with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact please add a „5“ e.g. 4335-6xs (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 4336-6xs (see page 8)

IP67 watertight

**230V~**

50/60Hz  
3p=6h  
4p+5p=9h

**400V~**

50/60Hz  
3p=9h  
4p+5p=6h

Amp.	Poles	pack unit	Cat.No.	Cat.No.
<b>with flange 100 x 100 - fixing center 80 x 80</b>				
63	3	2	333-6xs	
63	4	2		334-6xs
63	5	2		335-6xs
<b>with flange 120 x 120 - fixing center 100 x 100</b>				
125	3	2	343-6xs	
125	4	2		344-6xs
125	5	2		345-6xs



335-6xs

<b>with flange 80 x 97 - fixing center 60 x 73</b>				
16	3	10	413-6f8x	
16	4	10		414-6f8x
16	5	10		415-6x
32	3	10	423-6x	
32	4	10		424-6x
32	5	10		425-6x



415-6x

<b>with flange 80 x 97 - fixing center 60 x 73</b>				
16	3	10	413-6TTf8x	
16	4	10		414-6TTf8x
16	5	10		415-6TTx
32	3	10	423-6TTx	
32	4	10		424-6TTx
32	5	10		425-6TTx

**TURBO** click  
**TERMINAL**



415-6TTx

<b>with flange 100 x 112 - fixing center 80 x 88</b>				
63	3	2	433-6xs	
63	4	2		434-6xs
63	5	2		435-6xs
<b>with flange 120 x 130 - fixing center 100 x 108</b>				
125	3	2	443-6xs	
125	4	2		444-6xs
125	5	2		445-6xs

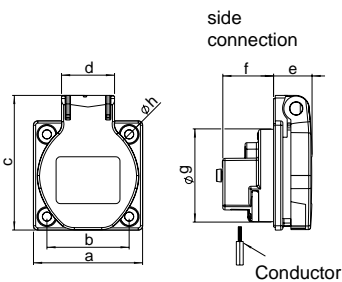


435-6xs



# Event technology MIDNIGHT-SERIES

## Socket outlet safety Austrian/German system

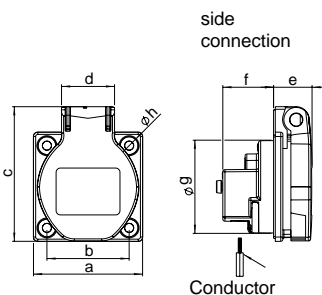


	• STANDARD •	
	16 Amp	
Poles	2P + E	
Flange a [mm]	50	
Fixing center b [mm]	38	
c [mm]	62	
d [mm]	25	
e [mm]	18	
f [mm]	24	
g [mm]	43	
h [mm]	4,2	
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5	
Wire solid [mm <sup>2</sup> ]	1 - 2x2,5	
Contact screws [Ncm]	80	
Weight [g]	45	

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

IP54 splashproof

## Socket outlet safety Austrian/German system with sealing bulge



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

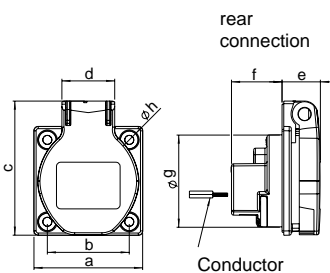
- with sealing bulge
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof



\* 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 Belgian/French system

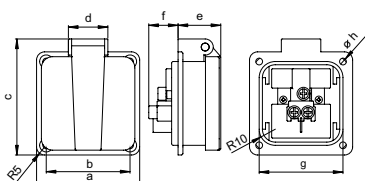


	• STANDARD •	
	16 Amp	
Poles	2P + E	
Flange a [mm]	50	
Fixing center b [mm]	38	
c [mm]	62	
d [mm]	25	
e [mm]	18	
f [mm]	24	
g [mm]	43	
h [mm]	4,2	
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5	
Wire solid [mm <sup>2</sup> ]	1 - 2x2,5	
Contact screws [Ncm]	80	
Weight [g]	45	

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts
- with child protection (shutter)

IP54 splashproof

## Socket outlet safety British system



	13 Amp	13 Amp
Poles	2P + E	2P + E
Flange a [mm]	64	50
Fixing center b [mm]	52	38
c [mm]	72	54
d [mm]	25	25
e [mm]	26,5	18
f [mm]	18	22
g [mm]	52	35
h [mm]	4,2	4,5
Weight [g]	67	50

- with screw terminals
- housing material: PA6
- side connection

IP54 splashproof

250V~

50/60Hz

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>	1050-0ss
16	3	100	<p><b>P-NOVA PLUS+</b></p> <p>Flange: 50x50mm, Fixing center: 38x38mm</p>	1050-0ssw
16	3	100	<p><b>P-NOVA PLUS+</b></p> <p>Flange: 50x50mm, Fixing center: 38x38mm <b>without child protection</b></p>	1040-0s
16	3	100	<p><b>P-NOVA PLUS+</b></p> <p>Flansch: 50x50mm, Lochabstand: 38x38mm <b>incl. child protection (shutter)</b></p>	1040-0sc
13	3	100	Flange: 64x64mm, Fixing center: 52x52mm	1020-0s
13	3	100	Flange: 50x50mm, Fixing center: 38x38mm	1020-5s





# Event technology MIDNIGHT-SERIES



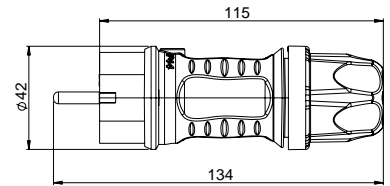
## Solid rubber plug

- with screwless cable gland
- dual earthing system
- insert: rubber

IP44 splashproof

**05622-ss**

pack.unit: 20



## Solid rubber connector

Austr./German system

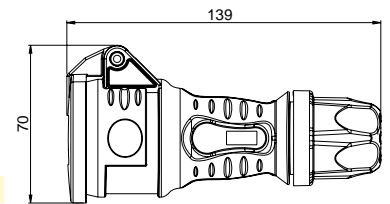
- with screwless cable gland
- with cap
- insert: rubber

IP44 splashproof

with cap **25621-ss**

with hinged lid **25622-ss**

pack.unit: 10



## Solid rubber connector

Belg./French system

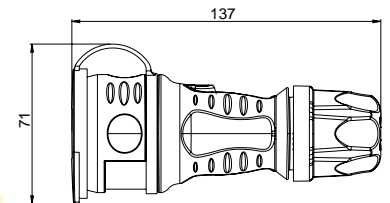
- with screwless cable gland
- with cap
- insert: polyamide

IP44 splashproof

integrated gasket inside **24611-ss**

integrated gasket inside and child protection **24611-ssc**

pack.unit: 10



## 3-way connector solid rubber

Austr./German system

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

IP44 splashproof

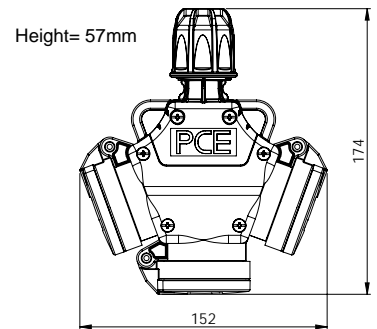


with LED-display

**253622-sxs**

**253642-sxs**

pack.unit: 5



## 3-way connector rubber

Belgian/French system

- with cap
- insert: polyamide

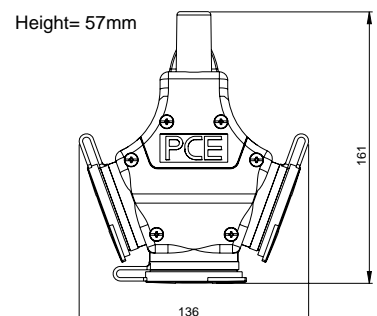
IP44 splashproof

with child protection (shutter)

**24311-sxs**

**24311-sxsc**

pack.unit: 5



## T-Connect

### Equipment:

- 1 CEE-plug 16A 3p 6h
- 1 CEE-socket 16A 3p 6h
- 1 cable entry  
(terminal block max. 3x2,5mm<sup>2</sup>)

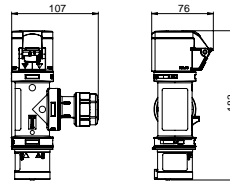
**IP44** splashproof



Example

**94325000**

pack.unit: 10



## T-Connect

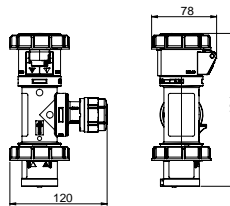
### Equipment:

- 1 CEE-plug 16A 3p 6h
- 1 CEE-socket 16A 3p 6h
- 1 cable entry  
(terminal block max. 3x2,5mm<sup>2</sup>)

**IP67** watertight

**94326000**

pack.unit: 10



## T-Connect with cable

### Equipment:

- 1,5m cable H07RN-F 3G1,5  
with CEE-plug 16A 3p 6h
- 1 cable entry  
(terminal block max. 3x2,5mm<sup>2</sup>)
- 1 CEE-socket 16A 3p 6h

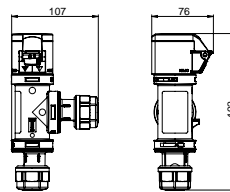
**IP44** splashproof

**IP44 94325001**

**IP67** watertight

**IP67 94326001**

pack.unit: 10



## T-Connect

### 2-way connector with cable entry

### Equipment:

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

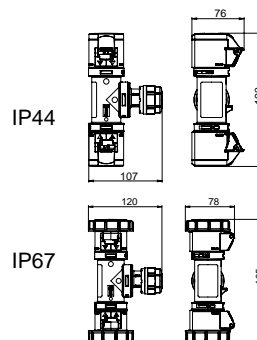
**IP44** splashproof

**IP44 94325002**

**IP67** watertight

**IP67 94326002**

pack.unit: 10



## T-Connect

### 2-way connector with CEE-plug

### Equipment:

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

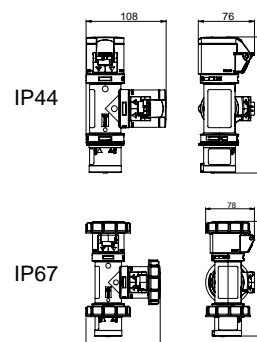
**IP44** splashproof

**IP44 94325003**

**IP67** watertight

**IP67 94326003**

pack.unit: 10



# Event technology MIDNIGHT-SERIES

## Compact distribution boxes Series St. Anton



- Plugs and sockets are black

**IP44** splashproof

**Entry:**

1 CEE-plug 16A 5p 400V

**Outlet:**

3 CEE-sockets 16A 5p 400V

**9430052**

1 CEE-socket 16A 5p 400V  
2 safety sockets 16A 250V

**9430053**

3 CEE-sockets 16A 3p 230V

**9430054**

## Wall distribution boxes series Salzburg

Dimensions: HxWxD = 370x298x203mm

**Equipment:**

1 CEE-socket 32A 5p 400V black  
1 CEE-socket 16A 5p 400V black  
2 safety sockets 16A 250V black

- 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

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

**IP54** dust- and splashproof

**92271649**



## Wall distribution boxes series Bruck

Dimensions: HxWxD = 370x370x203mm

**Equipment:**

1 CEE-socket 32A 5p 400V black  
2 CEE-sockets 16A 5p 400V black  
4 safety sockets 16A 250V black

- 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

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

**IP54** dust- and splashproof

**92401543**



## Mobile distribution boxes series Spitz

Dimensions: HxWxD = 320x320x320mm

**Equipment:**

2 CEE-sockets 32A 5p 400V black  
2 CEE-sockets 16A 5p 400V black  
4 safety sockets 16A 250V black

- 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

2m cable 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

**IP54** dust- and splashproof

**94741367**



## Mobile distribution boxes series Steyregg

Dimensions: HxWxD = 79x430x129mm

**Equipment:**

2 CEE-sockets 16A 5p 400V black  
2 safety sockets 16A 250V black

- portable, handy solid-rubber mobile box
- housing with carrying handle
- ready wired for connection

2m cable 5G4 with  
CEE-plug 32A 5p 400V black

**Protection:**

1 MCB 16A 3p-C  
2 MCBs 16A 1p-C

**IP54** dust- and splashproof

**9441480**



## Series M-SVE3 63/11-12/V/2/2M/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/V/17/G/E/A/MS

Dimensions: HxWxD = 340x560x350mm

- shock-resistant, robust and mobile insulated thermoplastic box
- very lightweight and handy
- stackable
- resistant to weather and ageing

**IP44** splashproof

### Equipment:

- 1 CEE-socket 16A 5p 400V black
- 16 sockets (DIN 49440) 16A 250V black

Connection cable 44 kVA

CEE-plug 63A 5p 400V black  
with cable loop in the entry

### Protection:

- 1 MCB 16A 3p-C
- 16 RCBOs 16A 1p-C/0,03A
- 1 RCD 40/0,03A

**854009285**



## Hinged windows IP54

- especially compact (robust) design, made of shock-resistant polycarbonate
- for distributor's construction, O.E.M's, panel builders etc.
- self-closing window
- size of hinged window suitable for 4, 6, 7, 8, 9, 10, 11, 12, 13, 14 and 18 modules
- angle of vee > 180°
- with integrated gasket for flange mounting
- integrated free position for lead seal
- color frame: black

**IP54** splashproof

unit	size	p.unit	Cat.No.
4	92x97mm	30	<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>



details see page 321

## 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

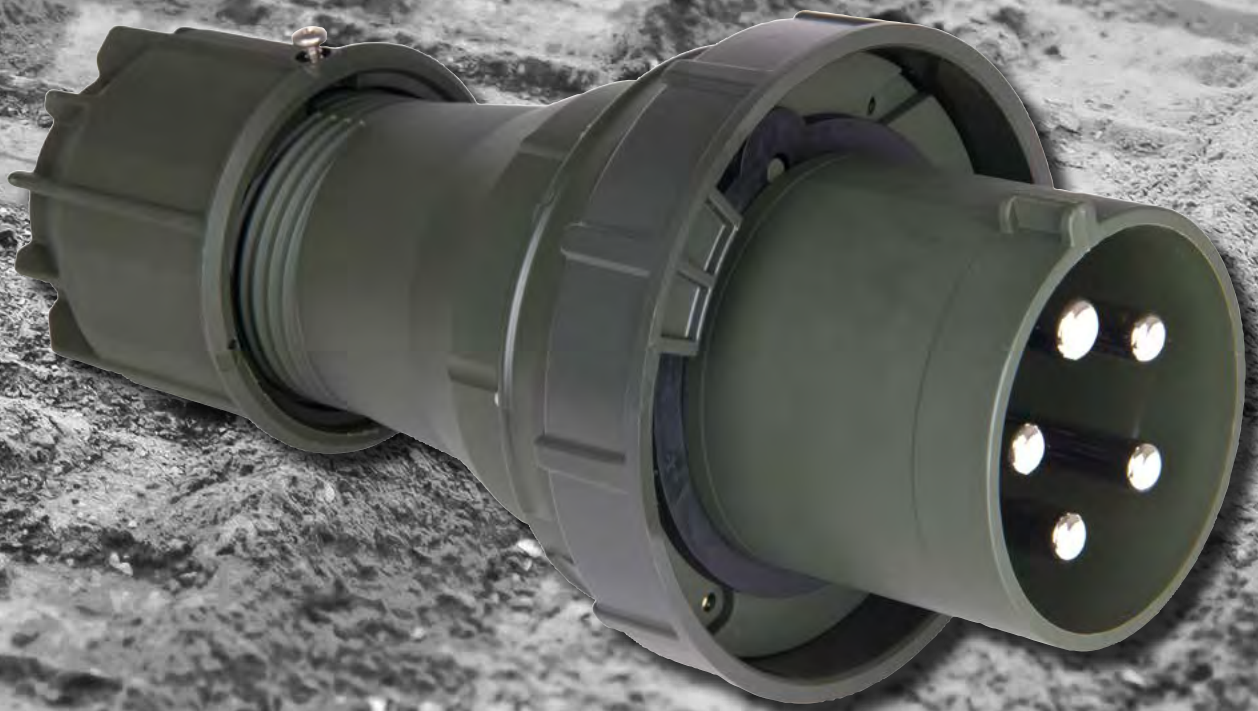
unit	Maße	p.unit	Cat.No.
2	49x93mm	40	<b>900602s</b>
4	85x93mm	20	<b>900604s</b>
5	103x93mm	20	<b>900605s</b>
6	121x93mm	15	<b>900606s</b>
7	139x93mm	15	<b>900607s</b>
8	157x93mm	15	<b>900608s</b>
9	175x93mm	15	<b>900609s</b>
10	193x93mm	15	<b>900610s</b>
12	229x93mm	10	<b>900612s</b>
13	247x93mm	10	<b>900613s</b>
18	337x93mm	12	<b>900618s</b>



details see page 320











**PLUGS AND SOCKETS „CAMOUFLAGE“**



# Plugs and sockets „Camouflage“

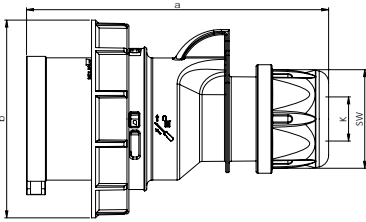
	Page	
Plugs / Connectors 16A - 125A	228	
Flanged plugs / Wall mounted plugs	230	
Flanged sockets straight and sloping	232	
Watertight plugs and connectors IP66/68	234	

■ Version in bronze-green (similar to RAL6031)

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

# CEE Plugs and connectors

## Plug IP67 **SHARK**

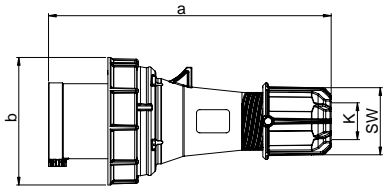


	16 Amp		32 Amp	
	3	5	3	5
Poles	3	5	3	5
a [mm]	122	134	150	155
b [mm]	71	87	93	100
K_cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]	42	42	50	50
Weight [g]	130	183	223	276

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

**IP66/67** watertight

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

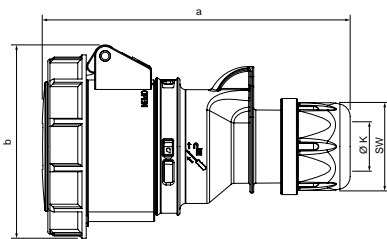


	63 Amp			125 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a [mm]	257	257	257	270	270	270
b [mm]	114	114	114	131	131	131
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Wire flexible [mm <sup>2</sup> ]	6-16			16-50		
Contact screws [Ncm]	200			450		
SW [mm]	61	61	61	81	81	81
Weight [g]	570	617	666	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**

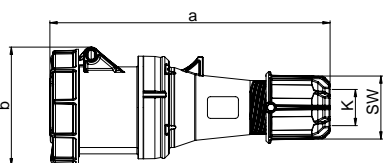


	16 Amp		32 Amp	
	3	5	3	5
Poles	3	5	3	5
a [mm]	132	147	163	171
b [mm]	78	92	96	102
K_cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
Contact screws [Ncm]	100		110	
SW [mm]	42	42	50	50
Weight [g]	155	227	275	338

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

**IP66/67** watertight

## Connector IP66/67 **POWER TWIST**



	63 Amp			125 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a [mm]	269	269	269	287	287	287
b [mm]	114	114	114	124	124	124
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Wire flexible [mm <sup>2</sup> ]	6-16			16-50		
Contact screws [Ncm]	200			450		
SW [mm]	61	61	61	81	81	81
Weight [g]	669	710	768	1060	1167	1266

- contact frame with screws; 125A with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact add a „5“ e.g. 2435-6.u (see page 8)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 2436-6.u (see page 8)

**IP66/67** watertight

**230V~**

50/60Hz  
3p=6h  
4p+5p=9h

**400V~**

50/60Hz  
3p=9h  
4p+5p=6h

Amp.	Poles	pack unit
16	3	10
16	5	10
32	3	10
32	5	10

**Cat.No.**

**Cat.No.**

**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**

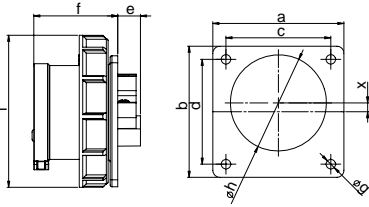


235-6.u



# CEE Flanged plugs / wall mounted plugs

## Flanged plug straight IP67



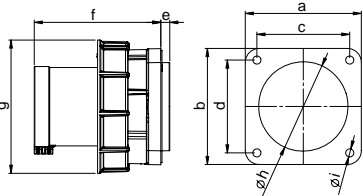
	16 Amp		32 Amp	
<b>Poles</b>	3	5	3	5
<b>Flange a x b [mm]</b>	75	75	75	75
<b>Fixing center c x d [mm]</b>	60	60	60	60
<b>e [mm]</b>	15	13	14	14
<b>f [mm]</b>	48	48	58	58
<b>g [mm]</b>	5,5	5,5	5,5	5,5
<b>h [mm]</b>	43	55	55	55
<b>i [mm]</b>	71	87	93	100
<b>x [mm]</b>	11,3	5	4,5	0
<b>Wire flexible [mm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

### POWER TWIST

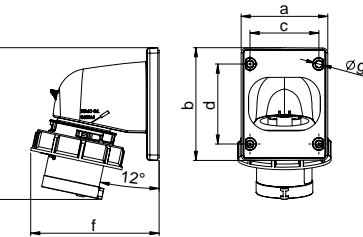


	63 Amp			125 Amp		
<b>Poles</b>	3	4	5	3	4	5
<b>Flange a x b [mm]</b>	100	100	100	120	120	120
<b>Fixing center c x d [mm]</b>	80	80	80	100	100	100
<b>e [mm]</b>	8	8	8	13	13	13
<b>f [mm]</b>	109	109	109	118	118	118
<b>g [mm]</b>	115	115	115	131	131	131
<b>h [mm]</b>	77	77	77	95	95	95
<b>i [mm]</b>	7	7	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 51

**IP66/67** watertight

## Flanged plug angled IP67

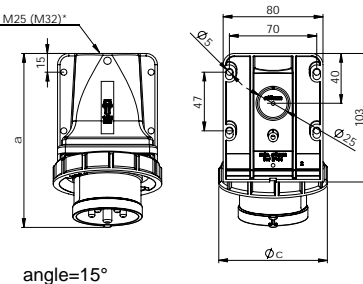


	16 Amp		32 Amp	
<b>Poles</b>	3	5	3	5
<b>a [mm]</b>	66	90	90	90
<b>b [mm]</b>	86	100	100	100
<b>c [mm]</b>	53	77	77	77
<b>d [mm]</b>	61	85	85	85
<b>e [mm]</b>	116	153	163	164
<b>f [mm]</b>	99	107	110	114
<b>g [mm]</b>	5	5	5	5
<b>Wire flexible [mm<sup>2</sup>]</b>	1-2,5		2,5-6	
<b>Wire solid [mm<sup>2</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	
<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~**

50/60Hz  
3p=6h  
4p+5p=9h

**400V~**

50/60Hz  
3p=9h  
4p+5p=6h

Amp.	Poles	pack unit	Cat.No.	Cat.No.
<b>flange 75 x 75 - fixing center 60 x 60</b>				
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

<b>flange 100 x 100 - fixing center 80 x 80</b>				
63	3	2	633-6.u	
63	4	2		634-6.u
63	5	2		635-6.u
<b>flange 120 x 120 - fixing center 100 x 100</b>				
125	3	2	643-6.u	
125	4	2		644-6.u
125	5	2		645-6.u



645-6.u

16	3	10	777132-6.u	
16	5	10		777152-6.u
32	3	10	777232-6.u	
32	5	10		777252-6.u



777152-6.u

16	3	10	5132-6k.u	
16	5	10		5152-6k.u
32	3	10	5232-6k.u	
32	5	10		5252-6k.u



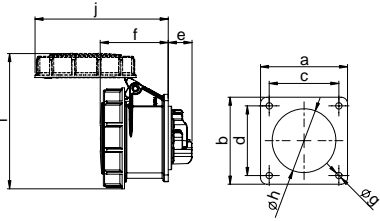
5152-6k.u





# CEE Flanged sockets straight and sloping

## Flanged socket straight IP67

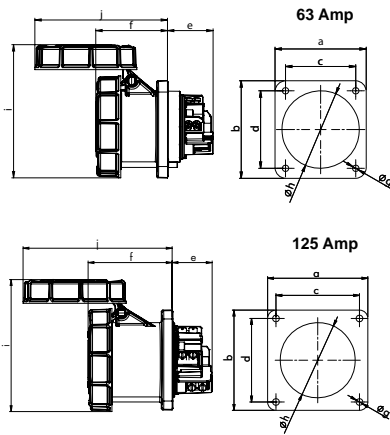


	16 Amp		32 Amp	
Poles	3	5	3	5
Flange a x b [mm]	75	75	75	75
Fixing center c x d [mm]	60	60	60	60
e [mm]	21	21	23	23
f [mm]	56	59	69	71
g [mm]	5,5	5,5	5,5	5,5
h [mm]	43	55	55	58
i [mm]	102	117	122	130
j [mm]	101	115	130	136
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
Wire solid [mm <sup>2</sup> ]	1-4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

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

IP67 watertight

## Flanged socket straight IP66/67 POWER TWIST

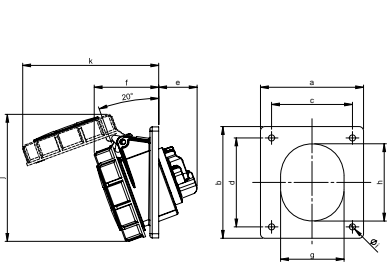


	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
Flange a x b [mm]	100	100	100	120	120	120
Fixing center c x d [mm]	80	80	80	100	100	100
e [mm]	50	50	50	48	48	48
f [mm]	80	80	80	101	101	101
g [mm]	7	7	7	8	8	8
h [mm]	85	85	85	90	90	90
i [mm]	147	147	147	159	159	159
j [mm]	146	146	146	179	179	179
Wire flexible [mm <sup>2</sup> ]	6-16			16-50		
Wire solid [mm <sup>2</sup> ]	6-25			16-70		
Contact screws [Ncm]	200			450		
Weight [g]	488	533	587	752	890	986

- contact frame with screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
- to order with pilot contact please add a „5“, e.g. 3355-6 (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 sloping IP67

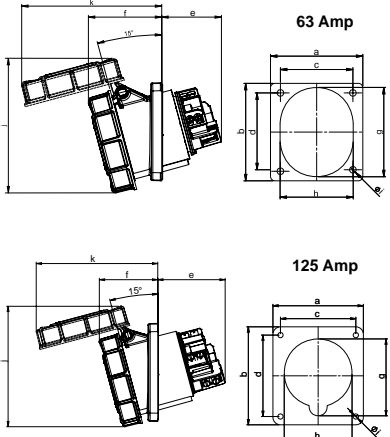


	16 Amp		32 Amp	
Poles	3	5	3	5
Flange a [mm]	92	92	92	92
Flange b [mm]	100	100	100	100
Fixing center c [mm]	77	77	77	77
Fixing center d [mm]	85	85	85	85
e [mm]	33	38	48	48
f [mm]	53	58	62	62
g [mm]	51	65	65	70
h [mm]	61	76	75	80
i [mm]	5,5	5,5	5,5	5,5
j [mm]	101	114	120	128
k [mm]	107	122	130	131
Wire flexible [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]	160	199	221	280

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

IP67 watertight

## Flanged socket sloping IP67 POWER TWIST



	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
Flange a [mm]	100	100	100	120	114	114
Flange b [mm]	112	112	112	130	114	114
Fixing center c [mm]	80	80	80	100	90	90
Fixing center d [mm]	88	88	88	108	90	90
e [mm]	64	64	64	92	92	92
f [mm]	80	80	80	77	77	77
g [mm]	92	92	92	102	102	102
h [mm]	82	82	82	90	90	90
i [mm]	7	7	7	7	7	7
j [mm]	148	148	148	160	160	160
k [mm]	154	154	154	162	162	162
Wire flexible [mm <sup>2</sup> ]	6-16			16-50		
Wire solid [mm <sup>2</sup> ]	6-25			16-70		
Contact screws [Ncm]	200			450		
Weight [g]	495	540	595	804	896	995

- contact frame with screws; 125A with hexagon socket screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
- to order with pilot contact please add a „5“ e.g. 4455-6 (see page 8)
- to order with pilot contact system (PCS) please add a „6“ e.g. 4456-6 (see page 8)

IP66/67 watertight

**230V~**

50/60Hz  
3p=6h  
4p+5p=9h

**400V~**

50/60Hz  
3p=9h  
4p+5p=6h

Amp.	Poles	pack unit	Cat.No.	Cat.No.
<b>flange 75 x 75 - fixing center 60 x 60</b>				
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

<b>flange 100 x 100 - fixing center 80 x 80</b>				
63	3	2	333-6.u	
63	4	2		334-6.u
63	5	2		335-6.u
<b>flange 120 x 120 - fixing center 100 x 100</b>				
125	3	2	343-6.u	
125	4	2		344-6.u
125	5	2		345-6.u



335-6.u

<b>flange 92 x 100 - fixing center 77 x 85</b>				
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

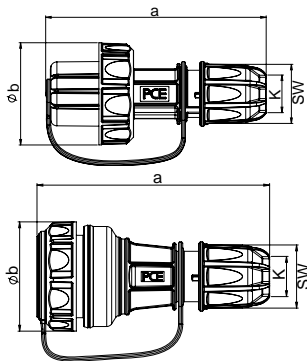
<b>flange 100 x 112 - fixing center 80 x 88</b>				
63	3	2	433-6.u	
63	4	2		434-6.u
63	5	2		435-6.u
<b>flange 120 x 130 - fixing center 100 x 108</b>				
125	3	2	443-6.u	
125	4	2		444-6.u
125	5	2		445-6.u



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 [mm]</b>	144	140
<b>b Ø [mm]</b>	65	65
<b>K (cable Ø) [mm]</b>	6 - 19	6 - 19
<b>SW [mm]</b>	38	38
<b>Wire flexible [mm<sup>2</sup>]</b>	1 - 2,5	1 - 2,5
<b>Contact screws [Ncm]</b>	80	80
<b>Weight [g]</b>	120	140
	protection cap with band	cap with band

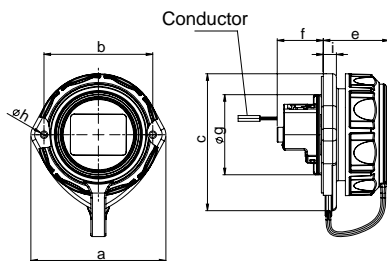
- with screw terminals
- housing material: PC/ABS
- contacts: nickel-plated
- VG96926 (Weapon norm approval) on request

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



## Connector with cap IP66/68

## Flanged socket oval with cover band



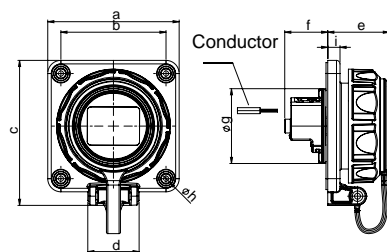
	16 Amp
<b>Poles</b>	2P + E
<b>a [mm]</b>	72
<b>b [mm]</b>	58
<b>c [mm]</b>	75
<b>e [mm]</b>	36
<b>f [mm]</b>	25
<b>g [mm]</b>	43
<b>h [mm]</b>	4
<b>i [mm]</b>	7
<b>Wire flexible [mm<sup>2</sup>]</b>	1 - 2x2,5
<b>Wire solid [mm<sup>2</sup>]</b>	1 - 2x2,5
<b>Contact screws [Ncm]</b>	80
<b>Weight [g]</b>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



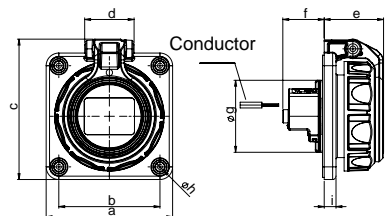
	16 Amp
<b>Poles</b>	2P + E
<b>a [mm]</b>	75
<b>b [mm]</b>	60
<b>c [mm]</b>	84
<b>d [mm]</b>	30
<b>e [mm]</b>	36
<b>f [mm]</b>	25
<b>g [mm]</b>	43
<b>h [mm]</b>	5,5
<b>i [mm]</b>	7
<b>Wire flexible [mm<sup>2</sup>]</b>	1 - 2x2,5
<b>Wire solid [mm<sup>2</sup>]</b>	1 - 2x2,5
<b>Contact screws [Ncm]</b>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



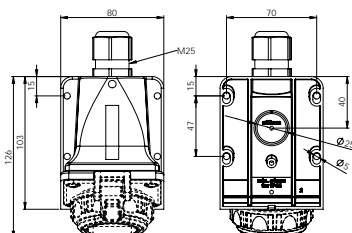
	16 Amp
<b>Poles</b>	2P + E
<b>a [mm]</b>	75
<b>b [mm]</b>	60
<b>c [mm]</b>	84
<b>d [mm]</b>	30
<b>e [mm]</b>	36
<b>f [mm]</b>	25
<b>g [mm]</b>	43
<b>h [mm]</b>	5,5
<b>i [mm]</b>	7
<b>Wire flexible [mm<sup>2</sup>]</b>	1 - 2x2,5
<b>Wire solid [mm<sup>2</sup>]</b>	1 - 2x2,5
<b>Contact screws [Ncm]</b>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

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

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



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



20168.u + 20352-8u

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

250V~

50/60Hz

PCE

Amp.	Poles	pack unit	Abbreviations/Types	Cat.No.
16	3	10	Plug (2-earthing systems)	20051-u
			<b>Austrian/German System</b>	
16	3	10	Connector without child protection (shutter)	20251-u
16	3	10	Connector with child protection (shutter)	20251-uc
			<b>Belgian/French System</b>	
16	3	10	Connector without child protection (shutter)	20241-u
16	3	10	Connector with child protection (shutter)	20241-uc
			<b>Austrian/German System</b>	
16	3	10	rear connection without child protection	20351-9u
16	3	10	rear connection with child protection (shutter)	20351-9uc
			<b>Belgian/French System</b>	
16	3	10	rear connection without child protection	20341-9u
16	3	10	rear connection with child protection (shutter)	20341-9uc
			<b>Austrian/German System</b>	
16	3	10	rear connection without child protection	20351-8u
16	3	10	rear connection with child protection (shutter)	20351-8uc
			<b>Belgian/French System</b>	
16	3	10	rear connection without child protection	20341-8u
16	3	10	rear connection with child protection (shutter)	20341-8uc
			<b>Austrian/German System</b>	
16	3	10	rear connection without child protection	20352-8u
16	3	10	rear connection with child protection (shutter)	20352-8uc
			<b>Belgian/French System</b>	
16	3	10	rear connection without child protection	20342-8u
16	3	10	rear connection with child protection (shutter)	20342-8uc
		10	Wall housing (empty) incl. 4x screws and cable gland M25	20168.u



20051-u



20251-u



20351-9u



20341-8u



20352-8u



20168.u



# Product Information distribution boxes

PCE supplies a variety of high-grade, solid rubber and plastic distributors meeting all specifications and needs in the industrial field as well as those of the construction industry, the crafts, exhibition halls and traffic control equipment.

In addition to a wide range of standard types we also specialize in the manufacturing of customized products.

## 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.

## ACCOMPLISHING YOUR SOLUTION

1. You select a housing.
2. You determine the make-up.
3. If necessary, you specify your particular needs where they deviate from the standard.
4. We draw up the technical solution and submit an offer forthwith.
5. Upon an order being placed, we manufacture the TYPEEs 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 service and the provision of extensions etc. is a matter of course.

## Socket outlet combinations acc. EN 61439 - Example TYPE plate





## Distribution boxes



### Distribution boxes for wall mounting

- |   | Page       |
|---|------------|
| ▪ made of solid rubber                                      | <b>238</b> |
| ▪ made of thermo-plastic – Series <b>DELTA</b> <sup>▲</sup> | <b>250</b> |



### Mobile distribution boxes

- |                               |            |
|-------------------------------|------------|
| ▪ made of solid rubber        | <b>268</b> |
| - with electricity meters     | <b>276</b> |
| - with isolation transformer  | <b>277</b> |
| - special versions – examples | <b>279</b> |
| ▪ made of thermo-plastic      | <b>282</b> |

### Distribution boxes with suspension hook made of thermoplastic and solid rubber

**300**

### Energy pillars PILA<sup>1</sup>

**306**

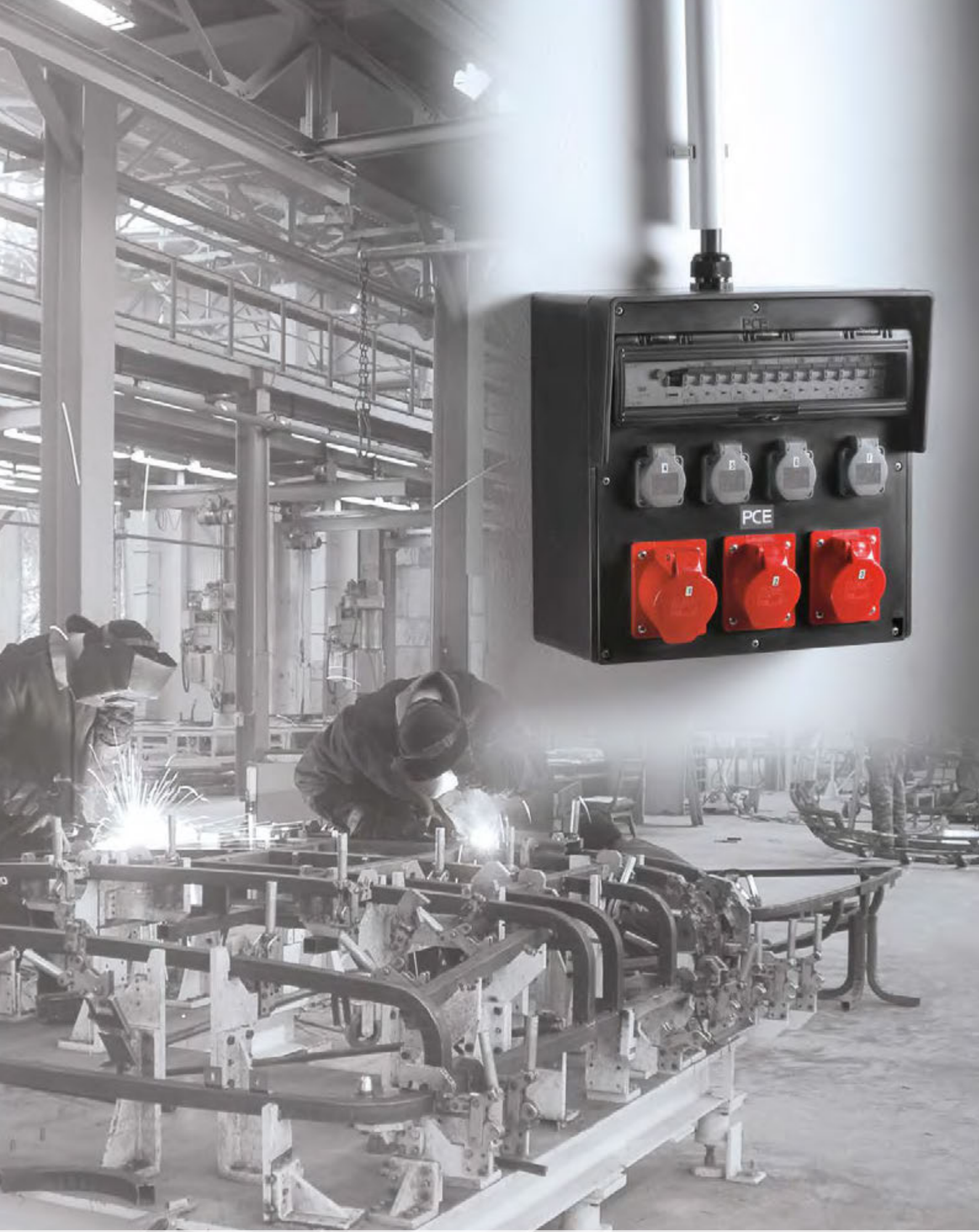
### MOSER SYSTEMELEKTRIK

**310**

### Accessories

**316**





**DISTRIBUTION BOXES – WALL MOUNTING**  
made of solid rubber or thermoplastic

# Solid rubber distribution boxes – wall mounting



Page

## Information

240

### Zams

Dimensions: HxWxD = 527x400x205(154)mm

242



### Bruck

Dimensions: HxWxD = 370x370x203mm

243



### Salzburg

Dimensions: HxWxD = 370x298x203mm

244



### Furt

Dimensions: HxWxD = 350x210x146mm

245



### Grein

Dimensions: HxWxD = 350x210x97mm

246



### Traunsee

Dimensions: HxWxD = 260x165x90mm

247



### Freistadt

Dimensions: HxWxD = 129x129x83mm

248



# Solid rubber distribution boxes – wall mounting – Information

## SOLID RUBBER HOUSINGS


Our solid rubber distributor housings are made from a mixture of natural rubber, styrene and butadiene (NK/SBR). The raw material is processed – in slab form – at pressures of up to 400 t and at a temperature of 180°C. This triggers a vulcanization process which lends the distributor its final form without affecting its consistency.

## FEATURES

- unbreakable, halogen-free and aging-resistant solid rubber housing
- resistant to a diversity of oils, greases, gasoline and acids
- high mechanical strength, aging and corrosion resistant
- UV and ozone resistant
- insensitive to fountains of welding sparks and similar
- temperature resistant -30°C to + 80°C
- not flammable according to EN 60695-11-5

## TYPE OF PROTECTION

Empty housings to IP54 (IP67 on request), in line with the lowest TYPEe of protection on the extension sockets.

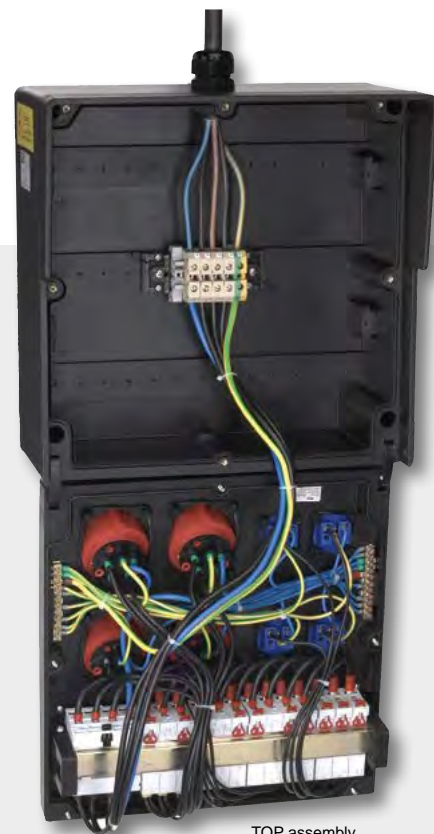
IP54 T 





## STANDARD DESIGN

- **TOP assembly** – all fastening elements and sockets in the cover. Easy preliminary fitting of the empty lower section to the wall
- Distributors wired to terminal (individual connection)
- Waterproof screwed cable gland (IP68) optionally top or bottom mounting
- Circuit breakers (MCB) „C“10KA  
RCDs 30mA with numbering for correct circuit assignment
- Clear wiring with insulated wire end sleeves
- Protective isolation through 4-point attachment to the wall outside the wiring compartment – partitioned.
- Also available with DIN rail 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



TOP assembly





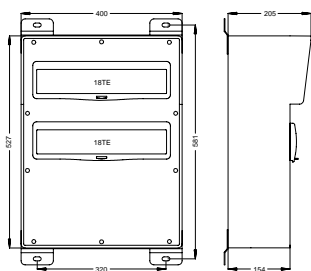
# Solid-rubber distribution boxes – wall mounting

## Series ZAMS



### Series ZAMS

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure with protective roof
- **Dimensions HxWxD = 527x400x205**
- 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:

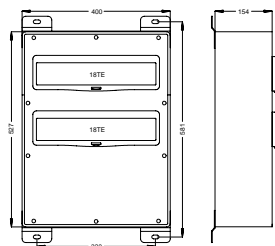
- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Window opening angle >180° (Optional: locking device)
- Ready wired on main connecting terminal for wiring through
- Cable gland IP68 selective on top or bottom
- CEE-sockets and 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 with protective roof
- **Dimensions HxWxD = 527x400x154**
- Room for larger switchgear and sockets
- Front cover made out of plastics (black)
- Window for up to max. 3x18 modules
- Ready wired for connection
- **IP54** (IP67 on request)



Layout	CEE 400V 5p		SS 250V	Protection		Connection	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
		1	10	1xRCD 63A/4/0.03A (TYPE A 63AT)	1xMCB 16A 3p-C 5xMCB 16A 1p-C	1xM32 (ø18-25mm) bottom incl. AC meter DIGI and main switch 40A 3p over all outlets	InA 32A RDF 0,6	<b>9544001</b>

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

## Solid-rubber distribution boxes – wall mounting Series BRUCK

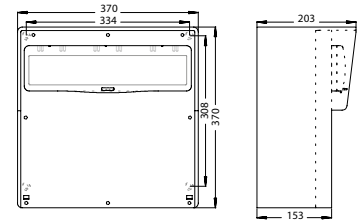
### Series BRUCK

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



### Standard version:

- **TOP-mounting** up to 17 modules - all switchgear and sockets mounted on front cover for easy fixation of the housing to the wall.
- **BOTTOM-mounting** up to 18 modules - all switchgear mounted on the housing.
- Protective insulation via 4-way wall fastening outside of wiring space
- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Window opening angle >180° (Optional: locking device)
- Ready wired on main connecting terminal for wiring through (max. 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



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>
	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!

# Solid-rubber distribution boxes – wall mounting

## Series SALZBURG

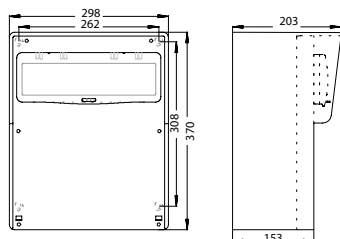


### Series SALZBURG

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure with protective roof (optional without roof)
- **Dimensions HxWxD = 370x298x203**
- Front cover hinged to housing
- Window for up to max. 14 modules
- Ready wired for connection
- **IP54** (IP67 on request)

#### Standard version:

- **TOP-mounting** up to 13 modules - all switchgear and sockets mounted on front cover for easy fixation of the housing to the wall.
- **BOTTOM-mounting** up to 14 modules - all switchgear mounted on the housing.
- Protective insulation via 4-way wall fastening outside of wiring space
- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Window opening angle >180° (Optional: locking device)
- Ready wired on main connecting terminal for wiring through (max. 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



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		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	<b>92272001</b> 
		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!

## Solid-rubber distribution boxes – wall mounting Series FURT

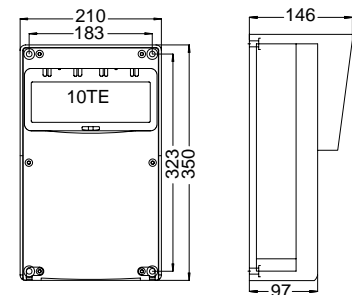
### Series FURT

- **Socket outlet combination acc. EN 61439**
- Solid rubber enclosure with protective roof (optional without roof)
- **Dimensions HxWxD = 350x210x146**
- Window up to max. 10 modules
- Ready wired for connection
- **IP54** (IP67 on request)



### Standard version:

- Protective insulation via 4-way wall fastening outside of wiring space
- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Window opening angle >180° (Optional: locking device)
- Ready wired on main connecting terminal
- Cable gland IP68 selective on top or bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				6	1xRCD 63A/4/0.03A (TYPE A 40AT)	6xMCB 16A 1p-C	1xM25 (ø13-18mm) top 1xM25 (blind cap) bottom	InA 32A RDF 0,6	<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 0,7	<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

# Solid-rubber distribution boxes – wall mounting

## Series GREIN

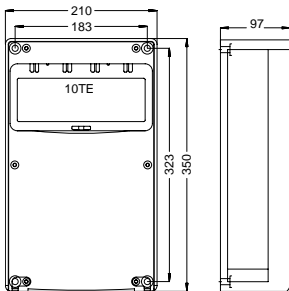


### Series GREIN

- **Socket outlet combination**
- Solid rubber enclosure
- **Dimensions HxWxD = 350x210x97**
- Front cover hinged to housing
- Ready wired for connection
- **IP54** (IP67 on request)

#### Standard version:

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



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS max.16A max.32A	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	1	3			1xM25 (ø13-18mm) top 2xM20 (ø7-14mm) top		<b>9218090</b>
			4	2			2xM25 (ø13-18mm) top 1xM20 (ø7-14mm) top		<b>9218145</b>



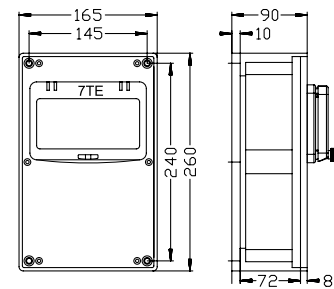
## Solid-rubber distribution boxes – wall mounting Series TRAUNSEE

### Series TRAUNSEE

- Socket outlet combination acc. EN 61439
- Solid rubber enclosure
- Dimensions HxWxD = 260x165x90
- Ready wired for connection
- IP54 (IP67 on request)

#### Standard version:

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

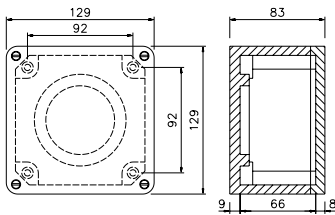


Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	VS InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				3	1xRCD 40A/4/0.03A (TYPE A 40AT)	3xMCB 16A 1p-C	1xM25 (ø13-18mm) top 1xM25 (blind cap) bottom	InA 32A RDF 0,8	<b>9216140</b>
		1		1	1xRCD 40A/4/0.03A (TYPE A 40AT)	1xMCB 16A 1p-C	1xM32 (ø18-25mm) top 1xM32 (blind cap) bottom	InA 32A RDF 0,6	<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>

# Solid-rubber distribution boxes – wall mounting

## Series FREISTADT



### Series FREISTADT

- **Socket outlet combination**
- 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

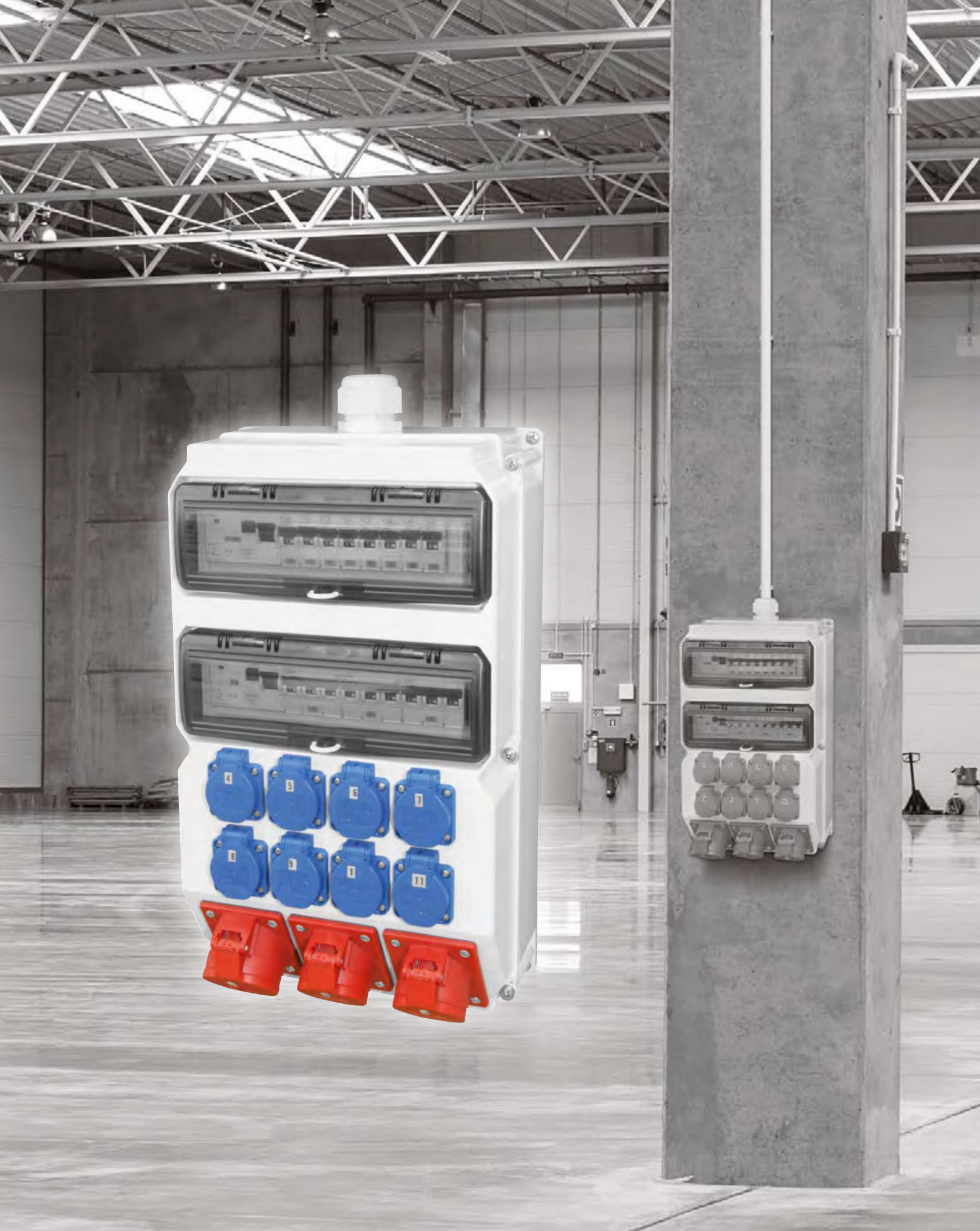
Layout examples: (other combinations on request!)

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>
							1xEMERGENCY-STOP button 3p (opener) 1xterminal 3p 10mm <sup>2</sup> 2xM25 (ø13-18mm) top		<b>9848233</b>

Solid rubber distribution boxes – wall mounting







**DISTRIBUTION BOXES wall mounting**  
**DELTA<sup>^</sup> thermoplastic**

# Thermoplastic distribution boxes DELTA<sup>^</sup> wall mounting



Page

## Information

252

### Sölden

Dimensions: HxWxD = 520x297x165mm

256



### Strobl

Dimensions: HxWxD = 520x222x140mm

257



### Anif7

Dimensions: HxWxD = 320x222x140mm

258



### Anif4

Dimensions: HxWxD = 320x222x114mm

260



### Murau / Schwaz

Dimensions: HxWxD = 255x204x114mm

261



### Lofer7

Dimensions: HxWxD = 255x204x140mm

262



### Lofer4

Dimensions: HxWxD = 255x204x114mm

263



### Lech

Dimensions: HxWxD = 230x130x130mm

264



### DELTA COMBI

265





## Thermoplastic distribution boxes DELTA<sup>^</sup> wall mounting





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**.

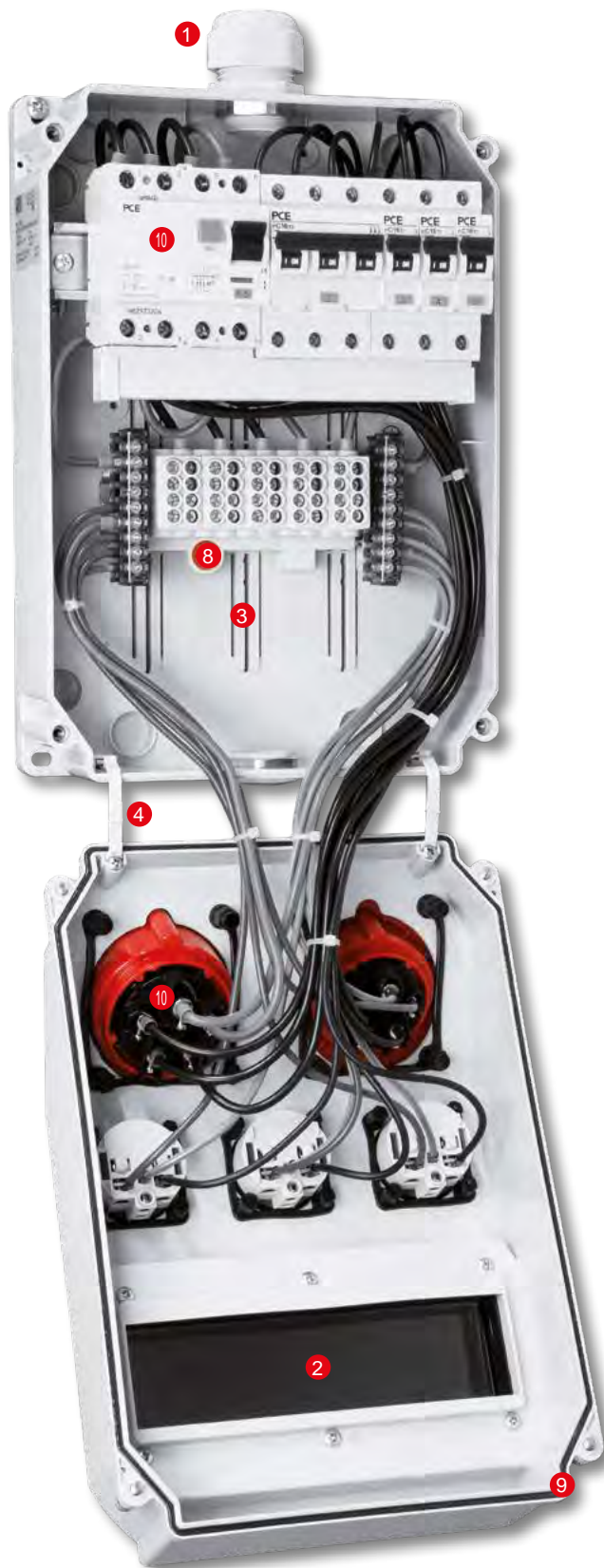
\*) IEC/EN 62208:2011

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.

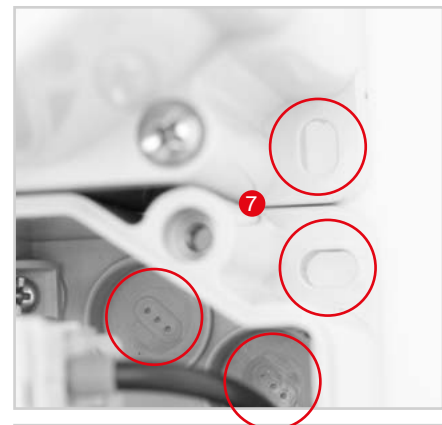
It defines terms, classifications, characteristics and test requirements for enclosures that may be used for such purposes as for example IEC 61439 series switchgear assemblies with a rated voltage not exceeding 1000V AC or 1500V DC, for general indoor or outdoor installation use.



# 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, Belgian/French, Danish, British or Swiss standards) can be used for assembling.
- 11 Metric thread insert made of brass\*\*.



\*) inserted in series Lech

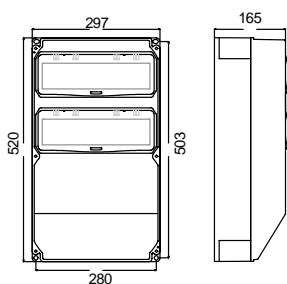
\*\*\*) with series Lech directly in the plastic





# 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 0,5	<b>9028086</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!



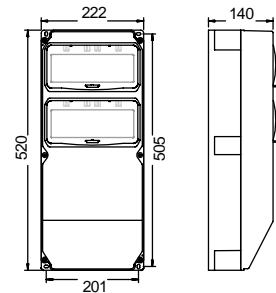
## Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series STROBL

### 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!)

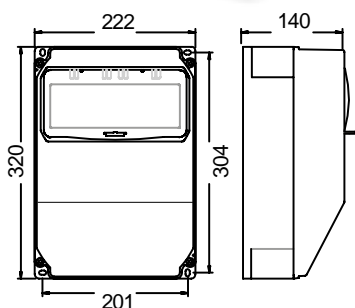
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4	1xRCD 40A/4/0.03A (TYPE A 25AT)	2xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top, 1xM32 (blind cap) bottom	InA 25A RDF 0,5	<b>9025162</b>
		1	1	2	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 32A 3p-C 1xMCB 16A 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	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 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> 
		1	2	4	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**<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

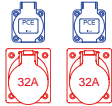
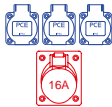
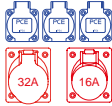


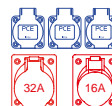
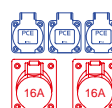
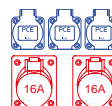
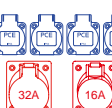
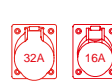
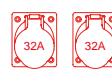
Layout examples: (other combinations on request!)

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>


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 16A	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A		RCD	MCB			
		2		2		2xMCB 32A 3p-C 2xMCB 16A 1p-B	1xM32 (hole) top, 1xM32 (blind cap) bottom	InA 40A RDF 0,5	9135523
			1	3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM25 cable gland (ø13-18mm) top 1xM25 (blind cap) bottom	InA 32A RDF 0,7	9135110
		1	1	3		1xMCB 32A 3p-C 1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM32 cable gland (ø18-25mm) top 1xM32 (blind cap) bottom	InA 40A RDF 0,6	9135551
		1	1	3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM32 cable gland (ø18-25mm) top 1xM32 (blind cap) bottom	InA 32A RDF 0,5	9135510 
		1	1	3	1xRCD 63A/4/0.03A (TYPE A 40AT)	1xMCB 16A 3p-C 3xMCB 16A 1p-B	1xM32 (hole) top, 1xM32 (blind cap) bottom	InA 32A RDF 0,5	9135552
			2	3		2xMCB 16A 3p-C 3xMCB 16A 1p-C	1xM25 cable gland (ø13-18mm) top 1xM25 (blind cap) bottom	InA 32A RDF 0,6	9135151
			2	3		2xMCB 16A 3p-C 3xMCB 16A 1p-B	1xM32 (hole) top, 1xM32 (blind cap) bottom	InA 40A RDF 0,7	9135153
		1	1	4		1xMCB 32A 3p-C 1xMCB 16A 3p-C 4xMCB 16A 1p-B	1xM32 (hole) top, 1xM32 (blind cap) bottom	InA 40A RDF 0,5	9135653
		1	1			1xMCB 32A 3p-C 1xMCB 16A 3p-C	1xM32 (hole) top, 1xM32 (blind cap) bottom	InA 40A RDF 0,8	9135417
		2				2xMCB 32A 3p-C	1xM32 (hole) top, 1xM32 (blind cap) bottom	InA 40A RDF 0,6	9135421

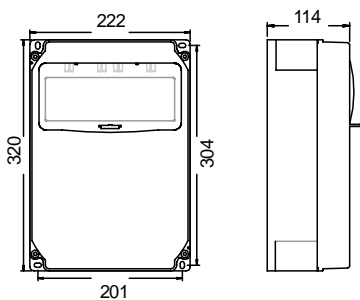
InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor

 ...available on stock!



# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup>

## 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	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>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 0,7	<b>9134520</b>
				<b>CEE 16A 3p</b> 4*	4xRCBO 16A 2p C 30mA TYPE A		1xM25 cable gland (ø13-18mm) bottom 4xCEE-sockets 16A 3p 230V lockable with padlock	InA 32A RDF 0,7	<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

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

## Thermoplastic insulated distribution boxes DELTA Series MURAU/SCHWAZ

### Series MURAU/SCHWAZ

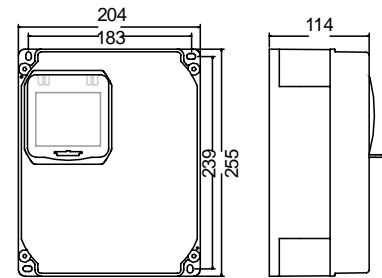
- **Socket outlet combination acc. EN 61439**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 255x204x114 mm**
- MURAU: Switchgear up to 4 modules, behind transparent window
- SCHWAZ: without window
- Ready wired for connection
- **IP54** (IP67 on request)



MURAU: 9013329

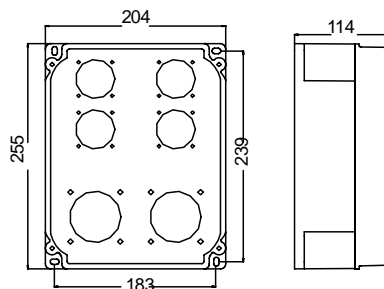
#### Standard version:

- 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</b>



SCHWAZ: 9014120



# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup>

## Series LOFER7

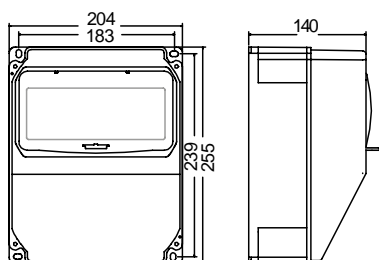


### Series LOFER7

- **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 0,8	<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 0,8	<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>

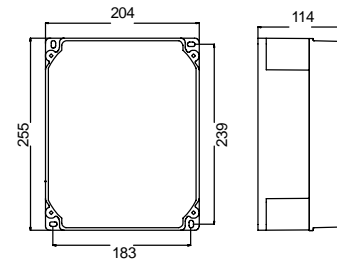
## Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series LOFER4

### 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 **DELTA**<sup>▲</sup>

## Series LECH

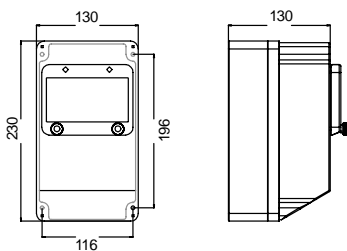


### Series LECH

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable, impact resistant PC
- **Dimensions HxWxD = 230x130x130 mm**
- Switchgear up to 6 modules, behind transparent window
- Ready wired for connection
- **IP54** (IP67 on request)

#### Standard version:

- All outer metal parts made out of stainless steel, captive screws
- Switchgear built in under impact resistant window
- Ready wired on main connecting terminal for wiring through
- Thread for cable gland 1xM25 on top, 2x break out openings M25 bottom
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	1		1xMCB 16A 1p-B	1xM25 (thread) top, 2xM25 (break out) bottom	InA 16A RDF 0,8	<b>9605105</b>
		1		1		1xMCB 16A 1p-B	1xM25 (thread) top, 2xM25 (break out) bottom	InA 32A RDF 0,8	<b>9605351</b>
			1	2		1xMCB 16A 3p-C 2xMCB 16A 1p-B	1xM25 (thread) top, 2xM25 (break out) bottom	InA 32A RDF 0,8	<b>9605153</b>
			1	2		1xMCB 16A 3p-C 2xMCB 16A 1p-C	1xM25 (thread) top, 2xM25 (break out) bottom	InA 32A RDF 0,8	<b>9605159</b>
			1	2	1xRCD 40A/4/0.03A (TYPE A 25AT)	2xMCB 16A 1p-B	1xM25 (thread) top, 2xM25 (break out) bottom	InA 16A RDF 0,8	<b>9605150</b>
		1		2		2xMCB 16A 1p-B	1xM25 (thread) top, 2xM25 (break out) bottom	InA 32A RDF 0,8	<b>9605056</b>
		1		2	1xRCD 63A/4/0.03A (TYPE A 40AT)	2xMCB 16A 1p-B	1xM25 (thread) top, 2xM25 (break out) bottom	InA 32A RDF 0,6	<b>9605320</b>
				3	1xRCD 40A/4/0.03A (TYPE A 25AT)		1xM25 (thread) top, 2xM25 (break out) bottom	InA 16A RDF 0,8	<b>9605010</b>

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

# DELTA COMBI

## DELTA COMBI

- **Socket outlet combination acc. EN 61439**
- Housing made of high durable, impact resistant PC
- Ready wired for connection
- **IP54** (IP67 on request)

Due to the compact design the DELTA enclosures can be combined individually and offer an endless possibility of solutions. According to each customer wish, we can offer and deliver within very short lead time a custom based solution.

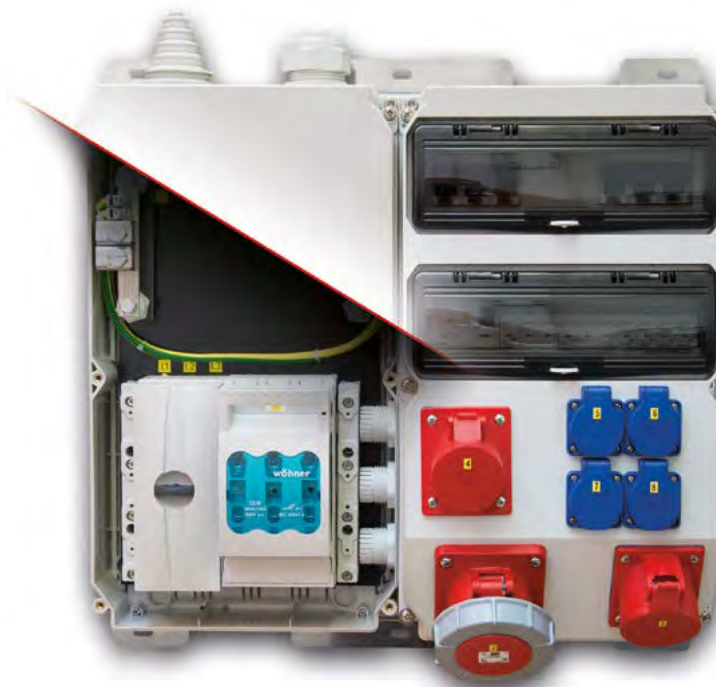
Contact our sales team, we are happy to help you!



Combi with 2xStrobl7  
HxWxD = 520x444x140 mm

Layout example: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
	1	1	1	4	1 x RCD 63A/4/0.03A (TYP A 63AT)	1xNH-fused load break switch 00 100A 3p 1XTytan D02 63A 3p 1 x LS 32A 3p-C 1 x LS 16A 3p-C 4 x LS 16A 1p-C	1 x KT3 cable grommet oben (ø14-54mm) 1 x M50 cable gland top (ø32-38mm) Terminal 3p (L1-L3) 35-120mm <sup>2</sup> Copper bus bar terminal (N&PE) 16-120mm <sup>2</sup>	InA 200A RDF 0,6	<b>90992198</b>



90992198  
Combi with 2xSÖLDEN  
HxWxD = 520x594x165

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

Vertical sidebar containing various icons: information (i), electrical symbols (circuit breaker, socket, plug), a padlock, a speech bubble, a person icon, a shield with a lightning bolt, a microphone, a calendar, a game controller, a lightbulb, a car, and a hash symbol (#).





**DISTRIBUTION BOXES – MOBILE**  
made of solid rubber or thermoplastic



# Solid rubber distribution boxes – mobile



Page

## Information

268

### Zirl

Dimensions: HxWxD = 527x400x270mm

270



### Schrems

Dimensions: HxWxD = 285x405x275mm

271



### Spitz

Dimensions: HxWxD = 320x320x320mm

272



### Ried

Dimensions: HxWxD = 280x235x285mm

273



### Steyregg

Dimensions: HxWxD = 79x430x129mm

274



### Traunsee

Dimensions: HxWxD = 165x260x90mm

275



**Distribution boxes** with electricity meters

276

**Distribution boxes** with transformers

277

**Distribution boxes** special versions, examples

279

**Universal racks, column stands, protection roof**

281



# Solid rubber distribution boxes – mobile Information

## SOLID RUBBER HOUSINGS

Our solid rubber distributor housings are made from a mixture of natural rubber, styrene and butadiene (NK/SBR). The raw material is processed – in slab form – at pressures of up to 400 t and at a temperature of 180°C. This triggers a vulcanization process which lends the distributor its final form without affecting its consistency.

## FEATURES

- unbreakable, halogen-free and aging-resistant solid rubber housing
- resistant to a diversity of oils, greases, gasoline and acids
- high mechanical strength, aging and corrosion resistant
- UV and ozone resistant
- insensitive to fountains of welding sparks and similar
- temperature resistant -30°C to + 80°C
- not flammable according to EN 60695-11-5




## TYPE OF PROTECTION

IP54 (IP67 on request)

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

## STANDARD DESIGN

- enclosure with carrying handle made of solid-rubber
- entry: high-flexible rubber cable or plug
- CEE sockets i.e. protective contact sockets made of PA6 with nickel plated exchangeable contacts
- safety device material under impact resistant, opening hinged window (opening angle > 180°)
- all exposed metal parts of stainless steel. Captive screws
- numbered electrical circuits and extension sockets – fast, clear identification
- MCBs „C“ characteristics
- RCDs 30mA, over all outlets
- distributors wired to terminals (individual connection)

IP54 T 



# Solid-rubber distribution boxes – mobile

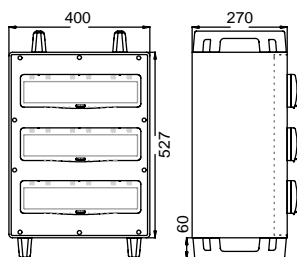
## Series ZIRL



9545020

### Series ZIRL

- **Socket outlet combination acc. EN 61439**
- Portable solid rubber distribution box (lid: thermoplastic)
- **Dimensions: HxWxD = 527x400x270 mm**
- Place for large equipment
- Window for up to max. 3x18 modules (54 modules)
- DIN-rail mounted control units, such as MCBs, RCDs, electronic current meter etc. in a robust plastic cover installed on the back
- Ready wired for using
- Housing protection **IP54** (IP67 on request)



### Standard version:

- Enclosure with solid rubber carrying handles
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable
- All outer metal parts made out of stainless steel
- Entry connection made out of flexible rubber cable with plug or flanged plug

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p				CEE 230V 3p	SS 250V	Protection / Connection	InA RDF	Cat. No.
	125A	63A	32A	16A	16A	16A			
		2	2	2		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 (TYP A 63AT) for CEE 63A 2xRCD 40A/4/0.03A (TYP A 40AT) for CEE 32A 1xRCD 63A/4/0.03A (TYP 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 (TYP A 63AT) for CEE 63A 1xRCD 63A/4/0.03A (TYP A 63AT) for CEE 32A fused with Tytan D02 63A 3p 1xRCD 63A/4/0.03A (TYP A 63AT) for CEE 16A 1xRCD 63A/4/0.03A (TYP A 63AT) for SS  2m cable H07RN-F 5G35 with CEE-plug 125A 5p 400V	InA 125A RDF 0,5	<b>9545020</b>
		4					4 x Tytan D02 63A 3p  2m cable H07RN-F 5G35 with CEE-plug 125A 5p 400V  mounted on zinc coated rack with 2 crane eyes Dimensions: HxWxD = 900x500x600mm	InA 125A RDF 0,4	<b>9545640</b>



9545640

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

## Solid-rubber distribution boxes – mobile Series SCHREMS

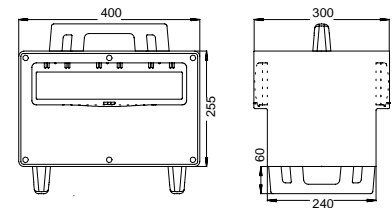
### Series SCHREMS

- **Socket outlet combination acc. EN 61439**
- Portable solid rubber distribution box, stackable
- **Dimensions: HxWxD = 255x400x300mm**
- Place for large equipment
- Window for up to max. 36 modules
- DIN-rail mounted control units, such as MCBs, RCDs, electronic current meter etc. installed on the back
- Ready wired for using
- Housing protection **IP54** (IP67 on request)



#### Standard version:

- Enclosure with solid rubber carrying handles
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable
- All outer metal parts made out of stainless steel
- Entry connection made out of flexible rubber cable with plug or flanged plug



Layout examples: (other combinations on request!)

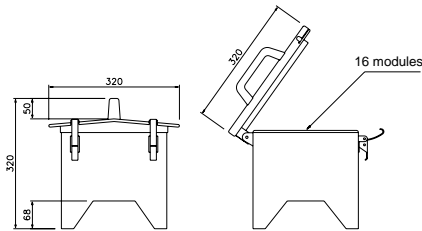
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
	1*	3	2	2	RCD 63A/4/0,03A (TYP A 63AT) for CEE 32A RCD 63A/4/0,03A (TYP A 63AT) for CEE 16A & SS	3 x MCB 32A 3p-C 2 x MCB 16A 3p-C 2 x MCB 16A 1p-C	2m cable H07RN-F 5G16 with CEE-plug 63A 5p 400V * not over RCD	InA 63A RDF 0,4	<b>9504138</b>
	1*	2	2	4	1 x RCD 63A/4/0,03A (TYP A 63AT)	2 x MCB 32A 3p-C 2 x MCB 16A 3p-C 2 x MCB 16A 1p-C	2m cable H07RN-F 5G16 with CEE-plug 63A 5p 400V * not over RCD	InA 63A RDF 0,5	<b>9504124</b>
		2	4	6	1 x RCD 63A/4/0,03A (TYP 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 (TYP 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 (TYP 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 (TYP A 63AT) 1 x RCD 63A/4/0,03A (TYP 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** (IP67 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 (TYP 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 (TYP 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 (TYP 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>
		2	2	4	1 x RCD 63A/4/0,03A (TYP 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 (TYP 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 (TYP 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 (TYP A 40AT)	10 x MCB 16A 1p-B	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,6	<b>9474144</b>

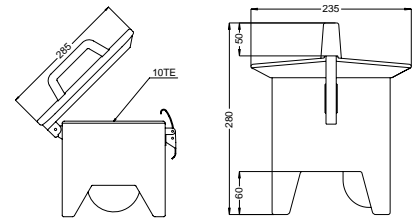
InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse

...available on stock!

## Solid-rubber distribution boxes – mobile Series RIED

### Series RIED

- **Socket outlet combination acc. EN 61439**
- Portable solid rubber distribution box
- **Dimensions: HxWxD = 280x235x285 mm**
- Lifting hinged top cover with 2 quick acting closures
- Fuses, control devices e.g. MCB, RCD, current indicator, ... under top cover
- Maximum safety - closed casing bottom with high ground clearance, prevention of water intake from bottom
- Sockets protected by overhanging box cover
- Space-saving storage - distributors are stackable



### Standard version:

- Enclosure with solid rubber carrying handle
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable
- All outer metal parts made out of stainless steel
- Entry connection made out of flexible rubber cable with plug or flanged plug
- Housing protection **IP54**

Layout examples: (other combinations on request!)

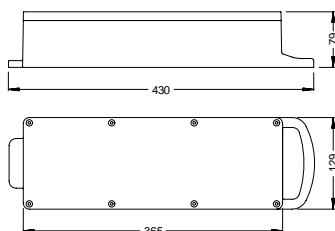
Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A		RCD	MCB			
		1	2	3	1 x RCD 63A/4/0.03A (TYP A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	1xCEE-wall mounted plug 32A 5p 400V	InA 32A RDF 0,8	<b>9473377</b>
		1	2	3	1 x RCD 63A/4/0.03A (TYP A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	2m cable H07RN-F 5G6 with CEE-plug 32A 5p 400V	InA 32A RDF 0,8	<b>9473080</b>
			2	4	1 x RCD 63A/4/0.03A (TYP 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 (TYP A 25AT)	2 x MCB 16A 1p-C	2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	InA 16A RDF 0,8	<b>9473070</b>
			2	4	1 x RCD 40A/4/0.03A (TYP A 25AT)	2 x MCB 16A 1p-C	1xCEE-wall mounted plug 16A 5p 400V	InA 16A RDF 0,8	<b>9473071</b>
			2	4	1 x RCD 63A/4/0.03A (TYP A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-C	1xCEE-wall mounted plug 32A 5p 400V	InA 32A RDF 0,9	<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>
				8	1 x RCD 40A/4/0.03A (TYP A 25AT)		1xCEE-wall mounted plug 16A 5p 400V	InA 16A RDF 0,7	<b>9473274</b>

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



# Solid-rubber distribution boxes – mobile

## Series STEYREGG



### Series STEYREGG

- **Socket outlet combination acc. EN 61439**
- Portable solid rubber distribution box
- **Dimensions: HxWxD = 79x430x129 mm**
- With or without fuse protection
- Ready wired for use
- Housing protection **IP54**

#### Standard version:

- Enclosure with solid rubber carrying handle
- CEE-sockets and safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable
- Entry connection made out of flexible rubber cable with plug

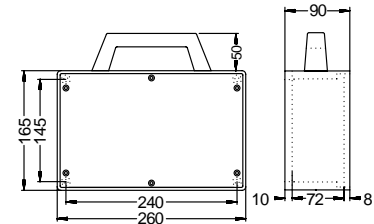
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	2	1 x RCD 40A/4/0.03A (TYP 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 (TYP 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 (TYP 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>

## 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>
			1	2	1 x RCD 25A/2/0.03A (TYP A 25AT) only over safety sockets		1,5m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V	InA 16A RDF 0,9	<b>9216052</b>
				3	1 x RCD 25A/2/0.03A (TYP 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




Layout examples: (other combinations on request!)

Symbol / Series	CEE 400V 5p		SS 250V	Version / Equipment	Cat.No.	
	32A	16A	16A			
 <p>TRAUNSEE</p>			2	<b>Mobil distribution box - solid rubber - series TRAUNSEE IP54</b> 5m cable 3G1,5 with safety plug 16A 250V 2 x safety sockets 16A 250V 1 x RCBO 16A 2p C 30mA TYP A 1 x electronic kWh AC meter DIGI 32A 230V 1p	9216150	
 <p>SPITZ</p>			4	<b>Mobil distribution box - solid rubber - series SPITZ IP54 with locking unit</b> 2m cable 3G2,5 with safety plug 16A 250V 4 x MCB 16A 1p-B 1 x RCD 25A/2/0.03A (TYP A 25AT) 1 x electronic kWh AC meter 230V	9474162	
		1	4	<b>Mobil distribution box - solid rubber - series SPITZ IP54 with locking unit</b> 2m cable 5G2,5 with CEE-plug 16A 5p 400V 4 x MCB 16A 1p-B 1 x RCD 40A/4/0.03A (TYP A 25AT) 1 x electronic kWh AC meter 3x230/400V	9474164	
		2	4	<b>Mobil distribution box - solid rubber - series SPITZ IP54 with locking unit</b> 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 (TYP A 25AT) 1 x electronic kWh AC meter 3x230/400V	9474166	
		1	2	3	<b>Mobil distribution box - solid rubber - series SPITZ IP54 with locking unit</b> 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 (TYP A 40AT) 1 x electronic kWh AC meter 65A 400V 3p	9474540
			3	4	<b>Mobil distribution box - solid rubber - series SPITZ IP54 with locking unit</b> 2m cable 5G2,5 with CEE-plug 16A 5p 400V 4 x MCB 16A 1p-B 1 x RCD 40A/4/0.03A (TYP A 25AT) 1 x electronic kWh AC meter 65A 400V 3p	9474176
 <p>SCHREMS</p>	1	2	6	<b>Mobil 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-B 1 x RCD 63A/4/0.03A (TYP A 40AT) 1 x electronic kWh AC meter 65A 400V 3p	9504524	
	1	2	6	<b>Mobil distribution box - solid rubber - series SCHREMS IP54</b> 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 (TYP A 40AT) 1 x electronic kWh AC meter 65A 400V 3p	9504528	



## Solid-rubber distribution boxes - mobile with isolation transformer with galvanic isolation 230/230V~ according to EN61558-2-4 (VDE 0570 part 2-4)

Layout examples: (other combinations on request!)

Symbol / Series	CEE 400V 5p		SSD 250V	Version / Equipment	Cat.No.
	32A	16A	16A		
			1	<b>Series TRAUNSEE</b> <b>Isolation transformer 500VA 230/230V~</b>  Entry: 3m cable 2 x 1,5 with safety plug 16A 250V~ Outlet: 1 safety socket 16A 250V~	9216453
			1	<b>Series SPITZ</b> <b>Isolation transformer 1000VA 230/230V~</b>  Entry: 3m cable 2 x 1,5 with safety plug 16A 250V~ Outlet: 1 safety socket 16A 250V~	9474410
			1	<b>Series SCHREMS</b> <b>Isolation transformer 2500VA 230/230V~</b>  Entry: 3m cable 2 x 2,5 with safety plug 16A 250V~ Outlet: 1 safety socket 16A 250V~	9502619

### Mobile distribution box with isolation transformer Series ZIRL

- Mounted on special transport cart zinc coated
- 10m cable 5G6 with CEE-plug 32A 5p 400V
- 1 isolation transformer 14,72 kVA **primary 3p 400V**, secondary 4x230V 2p over separate coils
- 4 safety sockets 16A 230V galvanic separated and fused by MCB 16A 2p-C
- Transformer protected by power switch 18-25A
- Control circuit and cooling fan protected by separate transformer with Neozed fuse
- Transformers protected against over temperature
- Under voltage protection
- Inlet air on the bottom and outlet air on the side protected with rubber grids



Example





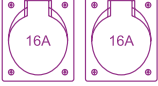
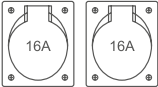
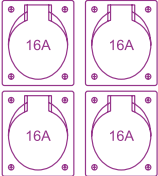
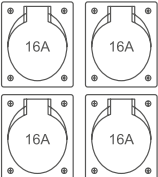
## Solid-rubber distribution boxes – mobile

with safety transformers with secondary-side extra low voltage 230/24V~  
or 230/42V~ according to EN61558-2-6 (VDE 0570 part 2-6)

### 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.

Bestückungsbeispiele: (Weitere Kombinationen auf Anfrage!)

Layout	CEE 16A 2p		Performance / Equipment	Cat.No.
	24V~	42V~		
	1		<b>Series TRAUNSEE</b> <b>Safety transformer 120VA 230/24V~</b>  <b>Entry:</b> 3m cable 2 x 1,5 with contour plug 16A 250V~ <b>Outlet:</b> 1 CEE-socket 16A 2p 24V~	<b>9216423</b>
		1	<b>Series TRAUNSEE</b> <b>Safety transformer 120VA 230/42V~</b>  <b>Entry:</b> 3m cable 2 x 1,5 with contour plug 16A 250V~ <b>Outlet:</b> 1 CEE-sockets 16A 2p 42V~	<b>9216440</b>
	2		<b>Series TRAUNSEE</b> <b>Safety transformer 500VA 230/24V~</b>  <b>Entry:</b> 3m cable 2 x 1,5 with contour plug 16A 250V~ <b>Outlet:</b> 2 CEE-sockets 16A 2p 24V~	<b>9216452</b>
		2	<b>Series TRAUNSEE</b> <b>Safety transformer 500VA 230/42V~</b>  <b>Entry:</b> 3m cable 2 x 1,5 with contour plug 16A 250V~ <b>Outlet:</b> 2 CEE-sockets 16A 2p 42V~	<b>9216451</b>
	4		<b>Series RIED</b> <b>Safety transformer 500VA 230/24V~</b>  <b>Entry:</b> 3m cable 2G1,5 with contour plug 16A 250V~ <b>Outlet:</b> 4 CEE-sockets 16A 2p 24V~	<b>9473400</b>
		4	<b>Series RIED</b> <b>Safety transformer 500VA 230/42V~</b>  <b>Entry:</b> 3m cable 2G1,5 with contour plug 16A 250V~ <b>Outlet:</b> 4 CEE-sockets 16A 2p 42V~	<b>9473401</b>

## Special versions – examples

### Solid-rubber distribution boxes – mobile

#### Solid rubber 2-way distributor combination Series BRUCK

with 2 crane eyelets size M12 mounted on a galvanized sub-frame

HxWxD = 700x370x450mm

Equipment:

4 CEE-sockets 63A 5p 400V

2 MCBs 63A 3p-C  
2 RCD 63/4/0,03A

2m cable 5G35 with CEE-plug 125A 5p 400V



#### Solid rubber 2-way distributor combination Series COMBI of 2 ZIRL

with 2 crane eyelets size M12 mounted on a galvanized sub-frame

HxWxD = 700x1100x600mm

Equipment:

2 CEE-sockets 63A 5p 400V

6 CEE-sockets 32A 5p 400V

2 CEE-sockets 16A 5p 400V

6 sockets (DIN 49440) 16A 240V

2 MCB 63A 3p-C

6 MCBs 32A 3p-C

2 MCBs 16A 3p-C

6 MCB 16A 1p-C

2 RCDs 63/4/0,3A on CEE-socket 63A

3 RCDs 63/4/0,03A on CEE-sockets 32A

1 RCDs 40/4/0,03A on CEE-sockets 16A

1 RCD 40/4/0,03A on socket (DIN 49440)



#### Solid rubber 3-way distributor combination Series COMBI of 3 ZIRL

fahrbar, auf Transportwagen montiert mit 2 Griffen

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 (TYP A 63AT) over 2x CEE 63/5

1x RCD 63A/4/0,03A „G“ (TYP A 63AT) over 3x CEE 32/5 fused with 1x MCB 63A 3p C

1x RCD 63A/4/0,03A (TYP A 63AT) over 6x CEE 16/5 fused with 1x MCB 63A 3p C

1x RCD 63A/4/0,03A (TYP A 63AT) over 9x SS fused with 1x MCB 63A 3p C

1x switch disconnecter 160A as input fuse

3x control lights (L1,L2,L3)



## Special versions – examples

### Solid-rubber distribution boxes – mobile



#### Solid rubber distribution box

##### Series ZIRL with two separate circuits

on transport trolley made of angel irons, galvanized, with 2 guide rollers and 2 fixed rollers, solid rubber tyres

HxWxD = 610x520x270mm

Equipment:

4 CEE-sockets 63A 5p 400V

4 switch-disconnectors 63A 3p-C acting as back-up fuse

4 RCDs 63/4/0,03A

2 CEE-plug 125A 5p 400V



#### Solid rubber 2-way distributor combination

##### Series COMBI of 2 ZIRL

on transport trolley made of angel irons, galvanized, with 2 guide rollers and 2 fixed rollers, solid rubber tyres

HxWxD = 610x800x270mm

Equipment:

3 control lamps to monitor the input

2 CEE-sockets 63A 5p 400V

2 MCBs 63A 3p-C

2 RCDs 63/4/0,1A on CEE-sockets 63A

3 CEE-sockets 32A 5p 400V

3 MCBs 32A 3p-C

1 RCD 63/4/0,03A on CEE-sockets 32A

6 CEE-sockets 16A 5p 400V

6 MCBs 16A 3p-C

1 RCD 63/4/0,03A on CEE-sockets 16A

9 sockets (DIN 49440) 16A 240V

9 MCBs 16A 1p-C

1 RCD 40/4/0,03A back-up fuse in the form of a RCD earthed contact socket

#### Revision cart IP54

##### Series KOMBI with 4 ZIRL

on transport trolley made of angel irons, galvanized, with 2 guide rollers and 2 fixed rollers, solid rubber tyres

HxWxD = 990x1100x720mm

Equipment:

1 CEE-socket 125A 5p 400V

1 power switch 125A with RCD

2 CEE-sockets 63A 5p 400V

2 Minized 63A 3p

2 Fi 63/4/0,03A on CEE-Dosen 63A

2 CEE-sockets 32A 5p 400V

2 LS 32A 3p-C

1 Fi 63/4/0,03A on CEE-Dosen 32A

2 CEE-sockets 16A 5p 400V

2 LS 16A 3p-C

1 Fi 63/4/0,03A on CEE-Dosen 16A

6 sockets (DIN 49440) 16A 240V

6 LS16A 1p-C

2 Fi 40/4/0,03A back-up fuse in the form of a RCD earthed contact socket

1 Multimeter

5 Powerlock 400A



# Universal racks and power column stands

## Universal rack

- solid welded frame, with ergonomic handle
- hinged reel
- mounting holes predrilled for individual distribution boxes for self-installation
- prepared for different sizes of distribution boxes series ANIF, FURT, LOFER, SALZBURG, GREIN, MURAU and SCHWAZ

598053



## Column stand 1200mm

- made of hot-galvanized sheet steel with base mounting plate
- square column 80x80mm, base plate 400x400mm (construction in stainless steel on request)
- prepared for distribution box series SALZBURG
- **WxHxD = 400x1206x243mm**
- prepared for distribution box series BRUCK
- **WxHxD = 500x1206x243mm**

410726



410725

## Protective roof stainless steel

- Version in 2mm stainless steel V2A quality
- Protective roof series ZAMS
- for distribution boxes series ZAMS **only with wall holders**
- WxHxD = 412x587x250mm
- 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





**M**obile thermoplastic distribution boxes are suitable for **indoor and outdoor areas**. The boxes are available in **different sizes and designs**.

**Protection degree:** IP44, IP54 and IP66/67

The massive and high-quality **enclosure made from PC/ABS** tested and certified according to IEC/EN 62208\* provides a wide range of **positive features**. Such as high impact resistance and notched bar impact strength, high thermal stability, dielectric strength, weather, UV and wear resistance, good insulation properties, and resistance against many chemicals. The material used is free from cadmium, red phosphor and halogens (fluorine, chlorine, bromine, iodine and astatine).

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

Adjusted to your needs we put together individually tailored and **optimally equipped wall distribution boxes**.



## **MOBILE DISTRIBUTION BOXES** thermoplastic

# Thermoplastic distribution boxes – mobile



## Anif4

Dimensions: HxWxD = 320x222x114mm

Page

284



## Murau / Schwaz / Lofer 4

Dimensions: HxWxD = 255x204x114mm

284



## Horn

Dimensions: HxWxD = 263x246x75mm

285



## Ischl

Dimensions: HxWxD = 200x300x200mm

286



## Imst

Dimensions: HxWxD = 200x197x197mm

288



## Pegasus

Dimensions: HxWxD = 230x140x140mm

290



## St. Anton

Compact distribution boxes

292



T-Box

296

M-Box

297



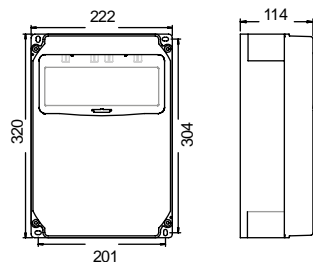
# Thermoplastic insulated distribution boxes – mobile

## Series ANIF4 / MURAU / SCHWAZ / LOFER4



### Series ANIF4

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



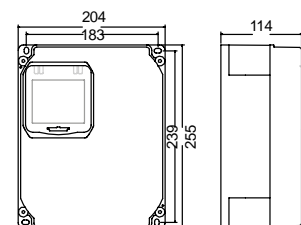
Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4		2 x MCB 16A 3p-C 4 x MCB 16A 1p-B	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V  Portable frame	InA 32A RDF 0,7	<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  Carrying handle	InA 32A RDF 0,7	<b>9134532</b>
		1	1	4	1 x RCD 63A/4/0,03A (TYP A 40AT)	1 x MCB 16A 3p-C 2 x MCB 16A 1p-B	2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V  Carrying handle	InA 32A RDF 0,8	<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 (TYP 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>
				6			2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V  Carrying handle	VS max.16A	<b>9017050</b>
			4				2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V  Carrying handle	VS max.16A	<b>9017115</b>

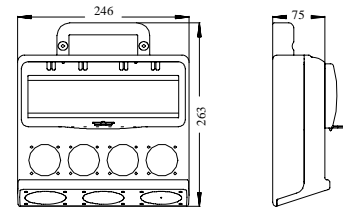
InA= Rated current of switchgear and control gear assembly; RDF = Rated diversity factor; VS = backup fuse



## 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 (4 fixing holes) also possible
- Ready wired for connection
- **IP54** splashproof
- for assembly plants, construction sites, agriculture, electricians, ...



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A		RCD	MCB			
			2	4	1 x RCD 63A/4/0,03A (TYP 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</b>
			2	4		2 x MCB 16A 1p-C	1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 0,8	<b>9004004</b>
			2	4	1 x RCD 40A/4/0,03A (TYP A 25AT)		1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 0,6	<b>9004006</b>
		1	1	4	1 x RCD 63A/4/0,03A (TYP A 40AT)	1 x MCB 16A 3p-C 4 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,6	<b>9004002</b>
		1	1	4	1 x RCD 63A/4/0,03A (TYP 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</b>

#### Accessoires:

Support stand with screws



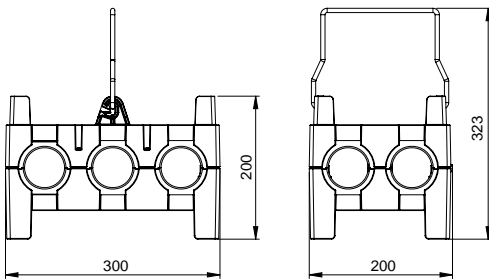
Cat.No. **900404**

# Thermoplastic insulated distribution boxes – mobile Series ISCHL



## Series ISCHL

- **Socket outlet combination acc. EN 61439**
- Handy, robust, mobile distribution box made of shock-resistant polyamide
- **Dimensions: HxWxD = 200x300x200 mm**
- Maximum rated current of 32A
- Up to 10 sockets (inlet plug + 8 sockets or cable with plug + 9 sockets)
- Up to 13 modules under window
- With carrying-handle made of high-grade steel
- With take-up device for the connecting cable
- Stackable
- Housing colour: black
- Ready wired for connection
- **IP44 splashproof**



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			2	4	1 x RCD 40A/4/0.03A (TYP 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 (TYP 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 (TYP 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 (TYP 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

... ab Lager lieferbar!

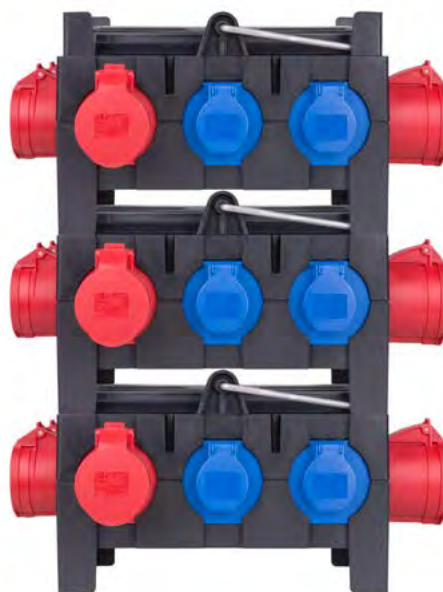


## Thermoplastic insulated distribution boxes – mobile Series ISCHL

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 (TYP 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>9130080</b>
		1	2	4	1 x RCD 63A/4/0.03A (TYP 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>9130374</b>
		1	2	6	1 x RCD 63A/4/0.03A (TYP 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 (TYP 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



- space-saving storage
- boxes are stackable



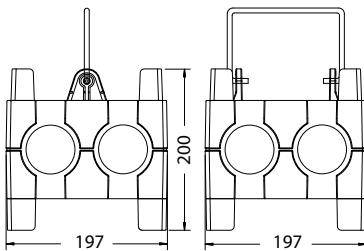
# Thermoplastic insulated distribution boxes – mobile

## Series IMST



### Series IMST

- **Socket outlet combination acc. EN 61439**
- Handy, robust, mobile distribution box made of shock-resistant polyamide
- **Dimensions: HxWxD = 200x197x197 mm**
- With carrying-handle made of high-grade steel
- Maximum rated current of 32A
- Up to 7 sockets
- 8 modules under window
- Ready wired for connection
- For distributing electricity to powered equipment or lighting systems on building sites
- Ideal for craft business, the building trades, farmers, etc.
- Housing colours: black or red
- Stackable, with take-up device for the connecting cable
- **IP44 splashproof**



Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
		1	1	2	1 x RCD 63A/4/0.03A (TYP A 40AT)	1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,8	<b>9030109</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 0,8	<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 0,8	<b>9030129</b>
		1	1	3	1 x RCD 63A/4/0.03A (TYP 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 (TYP 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!

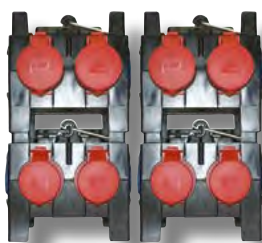
## Thermoplastic insulated distribution boxes – mobile Series IMST

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 (TYP A 25AT)	2 x MCB 16A 1p-C	1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 0,8	<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 (TYP 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 (TYP A 25AT)	2 x MCB 16A 1p-C	2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	InA 16A RDF 0,7	<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 (TYP 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!



- space-saving storage
- boxes are stackable



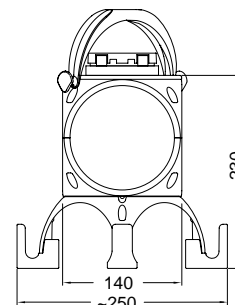
# Thermoplastic insulated distribution boxes – mobile

## Series PEGASUS



### Series PEGASUS

- **Socket outlet combination acc. EN 61439**
- Handy, robust, mobile distribution box made of shock-resistant polyamide
- **Dimensions: HxWxD = 230x140x140 mm**
- Maximum rated current of 32A
- Max. 6 mounting surfaces
- 4 modules under window
- With plastic carrying handle
- Anti-tilt bracket as standard with 4 rubber stoppers, can also be use to coil cables
- Ready wired for connection
- Housing colours: red (standard), yellow (special version)
- Suitable for construction sites, workshops, agriculture, domestic, industrial, commercial and for event
- **IP44 splashproof**




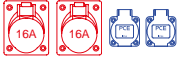


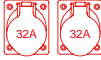



Layout examples: (other combinations on request!)

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 0,8	<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 (TYP 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 (TYP 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 (TYP 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 (TYP 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





# Compact distribution boxes

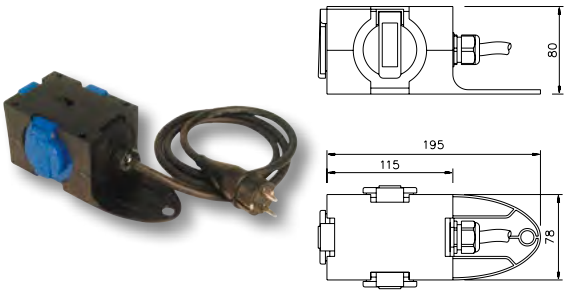

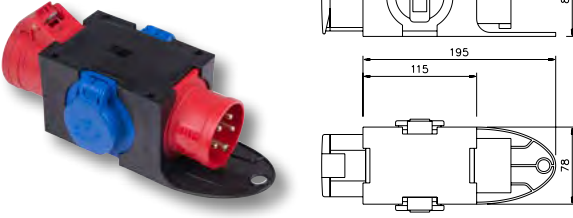

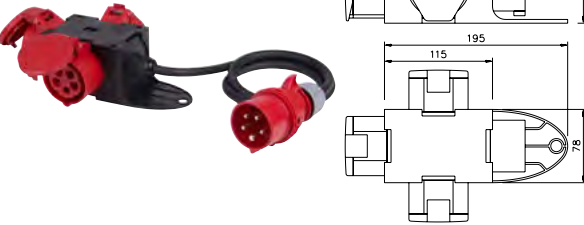
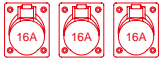
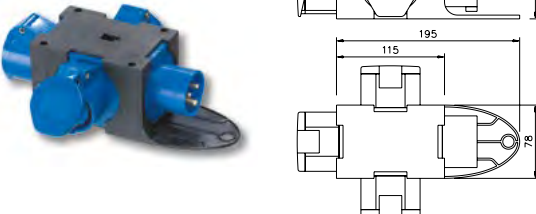
## Series ST. ANTON


**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 (belg./ french)	<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 (belg./french.) 250V	3 x safety socket 16A 250V (belg./ french.)	<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 2 x safety socket 16A 250V (belg./ french.)	<b>9430477</b>
	1,5m H07RN-F 5G1,5 with CEE-plug 16A 5p 6h 400V		<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 16A 2p 42V	<b>9430350</b>
Symbolic picture	Entry	Outlet	Cat.No.
	1,5m H07RN-F 5G4 with CEE-plug 32A 5p 6h 400V	3 x CEE-sockets 32A 5p 6h 400V	<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>

St. Anton 4f

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

 ...available on stock!

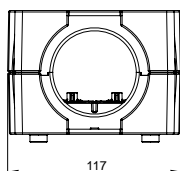
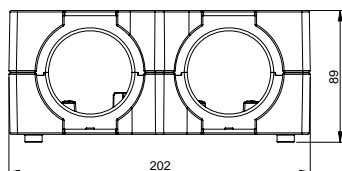
# Compact distribution boxes

## Series ST. ANTON 6F

### Series ST. ANTON 6F



- **Socket outlet combination acc. EN 61439**
- Handy, robust, mobile distribution box made of shock-resistant polyamide
- **Dimensions: HxWxD = 89x202x117 mm**
- Maximum rated current of 32A
- Up to 6 sockets (flanged plug or cable + 5 sockets)
- 4 modules under window
- Optional: meter, timer or switches (e.g. emergency stop)
- Ready wired for connection
- Ideal for craft business, the building trades, farmers, etc.
- Housing colour: black
- **IP44 splashproof**



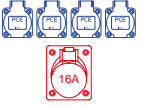
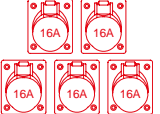

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1	2		1 x MCB 16A 3p-C 1 x MCB 16A 1p-C	1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,8	<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 (TYP 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 (TYP A 25AT)		2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	InA 16A RDF 0,8	<b>9439007</b>
			3		1 x RCD 40A/4/0.03A (TYP 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 0,8	<b>9439500</b>
		3			1 x RCD 63A/4/0.03A (TYP 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 (TYP A 40AT)		1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,8	<b>9439001</b>





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

# Compact distribution boxes Series ST. ANTON 6F

## Series ST. ANTON 6F - without protection



Layout	CEE 400V 5p			SS 250V	without protection / without modules	Connection	InA RDF	Cat.No.
	63A	32A	16A	16A				
			1	4		1 x CEE-flanged plug 16A 5p 400V	VS max.16A	9438002
			5			1 x CEE-flanged plug 16A 5p 400V	VS max.16A	9438001
		5				1 x CEE-flanged plug 32A 5p 400V	VS max.32A	9438413

## Series ST. ANTON 6F - incl. electric meter


Layout	CEE 400V 5p			SS 250V	Protection / meter		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	meter			
				3		3x AC-meter 1p (counter)	2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	VS max.16A	9439010
				4	1 x RCD 25A/2/0.03A (TYP A 25AT)	1x AC-meter 1p (counter)	1,5m cable H07RN-F 3G2,5 with safety plug 16A 230V	InA 16A RDF 1,0	9439015
			1			1x AC-meter 3p (counter)	2m cable H07RN-F 5G2,5 with plug 16A 5p 400V	VS max.16A	9439009
		1				1x AC-meter 3p (counter)	2m cable H07RN-F 5G6 with plug 32A 5p 400V	VS max.32A	9439008

## Series ST. ANTON 6F - incl. FI Typ MI ( AC-DC sensitive)

trips at max. 6mA DC - specially for mobile installation to make sure prior residual current devices stay correct functionally.

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
			1		1 x RCD 16A/2/0.03A (TYP B SK 16AT)		1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 1,0	9439011
		1			1 x RCD 40A/4/0.03A (TYP B SK 40AT)		1 x CEE-flanged plug 32A 5p 400V	InA 32A RDF 0,8	9439012

## Series ST. ANTON 6F - with timer

Layout	CEE 400V 5p			SS 250V	Timer / Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	Timer	MCB			
			1		1 x timer (digital) with contactor	1 x MCB 6A 1p-C	1 x CEE-flanged plug 16A 5p 400V	InA 16A RDF 1,0	9439013

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



# Thermoplastic insulated empty distribution box – wall mounting **Series T-BOX**



## Series T-BOX 4

- dimensions: HxWxD = 215x141x110mm
- windows up to 4 modules
- IP65 watertight

**1519004**  
pack.unit: 32



## Series T-BOX 8

- dimensions: HxWxD = 215x235x110mm
- windows up to 8 modules
- IP65 watertight

**1519008**  
pack.unit: 16



## Series T-BOX 12

- dimensions: HxWxD = 215x307x110mm
- windows up to 12 modules
- IP65 watertight

**1519012**  
pack.unit: 12



## Series T-BOX 26

- dimensions: HxWxD = 409x307x150mm
- windows up to 26 modules
- IP65 watertight

**1519026**  
pack.unit: 5



## Series T-BOX 42

- dimensions: HxWxD = 563x326x150mm
- windows up to 42 modules
- IP65 watertight

**1519042**  
pack.unit: 4

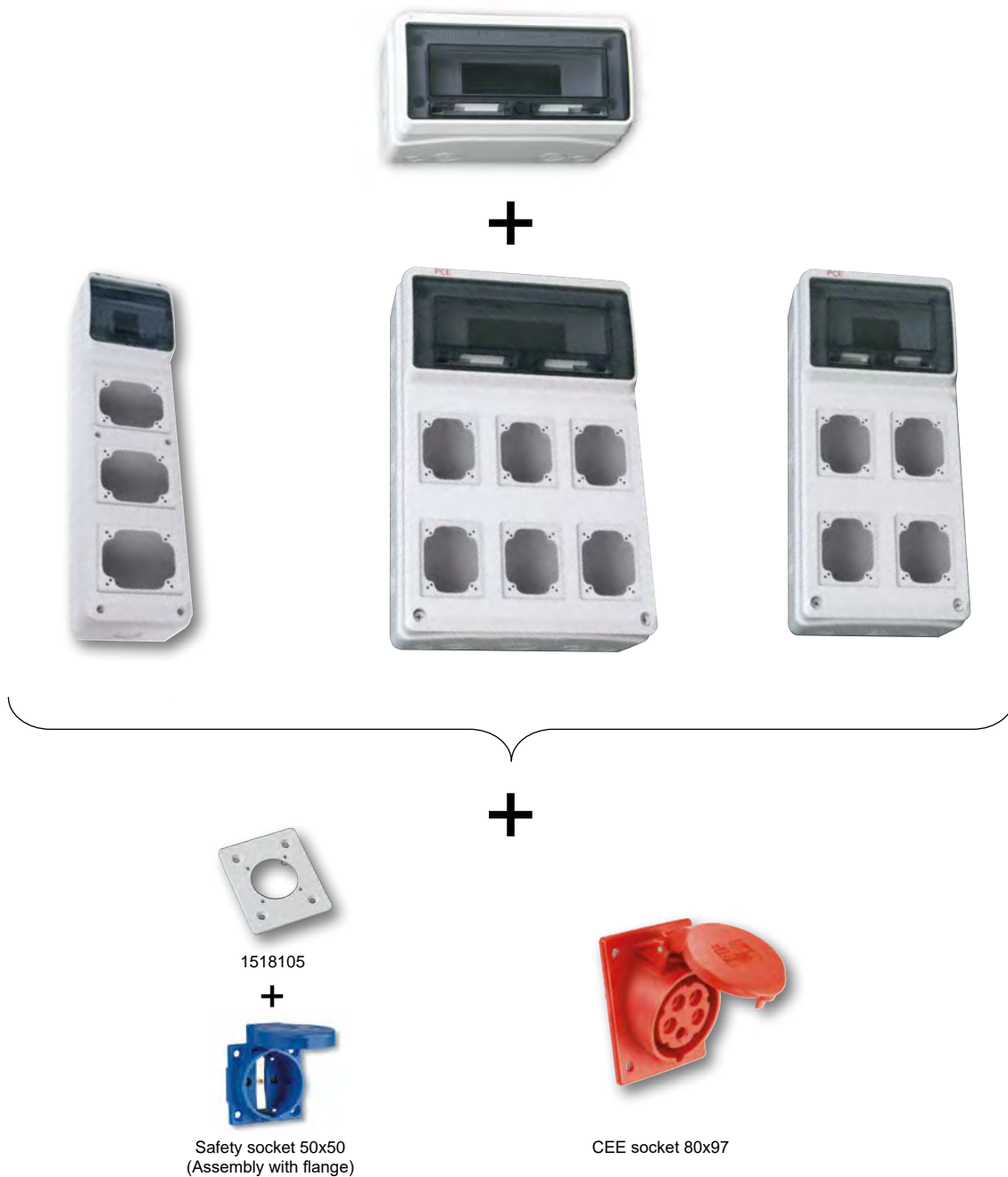


# Thermoplastic insulated empty distribution box – wall mounting **Series M-BOX**

## ■ ■ Series M-BOX:

- high-quality thermoplastic material
- IP65 watertight
- window up to 6, 8 or 16 modules
- many combination possibilities of housings and sockets without mechanical use
- numerous equipment

## ■ ■ Example:



# Thermoplastic insulated empty distribution box – wall mounting **Series M-BOX**

## ■ ■ Included in every box:

- housing with window
- instruction manual
- screws for the mounting of the sockets
- 4 caps for wall fixing screws
- **IP65** (depending of the equipped sockets)

### Series M-BOX 6S

- **dimensions:** HxWxD=490x125x107mm
- windows up to 6 modules
- 3 perforations only for PCE sockets
- without flange: for assembling sockets 16A 3p up to 32A 5p

For sockets and accessories see page 299!



**1518063**  
pack.unit: 18

### Series M-BOX 6E

- **dimensions:** HxWxD=490x125x107mm
- windows up to 6 modules



**1518062**  
pack.unit: 18

### Series M-BOX 8S

- **dimensions:** HxWxD=506x230x150mm
- windows up to 8 modules
- 4 perforations only for PCE sockets
- without flange: for assembling sockets 16A 3p up to 32A 5p

For sockets and accessories see page 299!



**1518083**  
pack.unit: 6

### Series M-BOX 8E

- **dimensions:** HxWxD=506x230x150mm
- windows up to 8 modules



**1518082**  
pack.unit: 6

### Series M-BOX 16S

- **dimensions:** HxWxD=506x330x150mm
- windows up to 16 modules
- 6 perforations only for PCE sockets
- without flange: for assembling sockets 16A 3p up to 32A 5p

For sockets and accessories see page 299!



**1518133**  
pack.unit: 4

### Series M-BOX 16E

- **dimensions:** HxWxD=506x330x150mm
- windows up to 16 modules



**1518132**  
pack.unit: 4

## Thermoplastic insulated empty distribution box – wall mounting **Series M-BOX**

	16A 3p=6h <b>230V~</b>	16A 4p=6h <b>400V~</b>	16A 5p=6h <b>400V~</b>	32A 3p=6h <b>230V~</b>	32A 4p=6h <b>400V~</b>	32A 5p=6h <b>400V~</b>
	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>IP44</b>	413-6f8	414-6f8	415-6	423-6	424-6	425-6
<b>IP67</b>	4132-6f8	4142-6f8	4152-6f78	4232-6f78	4242-6f78	4252-6f78

Technical details and other clock positions see page 84-85



	Cat.No.	Cat.No.
rear connection	Austrian/ German system <b>1050-0b</b>	Belgian/ French system <b>1040-0b</b>
side connection	<b>1050-0bs</b>	<b>1040-0bs</b>

Other versions see page 156 to 165!



### Series M-BOX 13WH

- dimensions:  
**WxHxD=180x330x150mm**
- windows up to 13 modules (6 units are blinded)

**1518134**  
pack.unit: 12



### Blind flange

**1518000**  
pack.unit: 6



### Flange for sockets 70x85

**1518413**  
pack.unit: 6



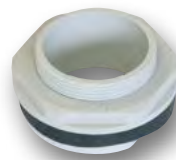
### Flange for safety sockets 50x50

**1518105**  
pack.unit: 6



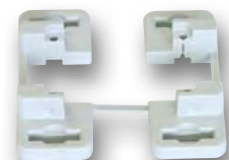
### Connecting device M40, IP65

**1518010**  
pack.unit: 10



### Wall fixing center

**1518020**  
pack.unit: 10



### Metal lock for window

**1518030**  
pack.unit: 1



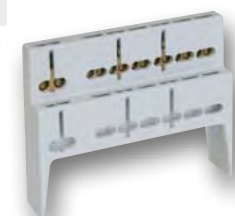
### Terminal block 14p

**1518040**  
pack.unit: 1



### Terminal block 14p incl. holder (for input of a second terminal block)

**1518045**  
pack.unit: 1







**DISTRIBUTION BOXES WITH SUSPENSION HOOK**  
made of thermoplastic and solid rubber

# Distribution boxes with suspension hook



## Pegasus

Dimensions: HxWxD = 220x140x140mm

Page

302



## Freistadt

Dimensions: HxWxD = 129x129x120mm

304



## eMobility - charging stations

mobile

305



## eMobility - accessories

charging cable

305



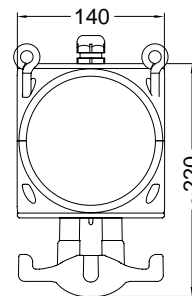


# Thermoplastic insulated distribution boxes – with suspension hook **Series PEGASUS**



## Series PEGASUS

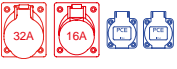








- Handy, robust and compact distribution box made of shock-resistant polyamide
- **Dimensions: HxWxD = 220x140x140 mm**
- With 4 ring bolts for ceiling fastening
- Maximum rated current of 32A
- Max. 6 mounting surfaces
- 4 modules under window
- Ready wired for connection
- Housing colours: red (standard),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



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 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>

## Thermoplastic insulated distribution boxes – with suspension hook Series PEGASUS

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	1 x M32 (ø18-25mm) top 1 x VC-terminal 5p	InA 32A RDF 0,8	<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 (TYP 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 (TYP 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 (TYP 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 (TYP A 25AT)		1 x M20 (ø10-14mm) top 1 x VC-terminal 3p	InA 16A RDF 0,8	<b>9033053</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>



9033031



9033073



### Accessories for suspended version:

- Pegasus suspension kit ( 4x)
- L=300mm

**9033-1**




# Solid rubber distribution boxes – with suspension hook **Series FREISTADT**



## Series FREISTADT

- Robust distribution box solid rubber - hanging version
- **Dimensions: HxWxD = 129x129x100 mm**
- With 2 eye screws
- Hook handle (plastic) on the bottom
- Max. rated current 16A
- Ready wired for connection
- **IP54,**

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		SS 250V	Protection		Connection	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
		1	3			1 x M20 (ø10-14mm) top 1 x VC-terminal 5p	max.16A	<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>



# eMobility - charging stations

## Charging station eMobility-mobile (home/industry)

- Mobile charging station solid rubber series SCHREMS acc. IEC61851
- **Dimensions: HxWxD = 255x400x300 mm**
- Input: 2m cable H07RN-F 5G2,5 with CEE plug 16A 5p 400V
- 1x charging socket Type 2, 20A 480V 3p with e-lock 24V and hinged lid
- 1x Charge controller with 1x differential RCD modul
- 1x Contactor 4p AC3 12,5kW/400V
- 1x Indicator lights error/charging/connected
- Ready wired to use
- **IP54**
- For industry and private use



Layout example: (other combinations on request!)

Type 2 with electric lock	load capacity max.	Protection		Connection	Cat.No.
		RCD	MCB		
	11 kW AC 3-phase 16A	1 x RCD 40A/4/0.03A (TYP A 25AT)	1 x MCB 16A 3p-C	2m cable H07RN-F 5G2,5 with CEE plug 16A 5p 400V	<b>9502800</b>
	22 kW AC 3-phase 32A	1 x RCD 63A/4/0.03A (TYP A 40AT)	1 x MCB 32A 3p-C	2m cable H07RN-F 5G6 with CEE plug 32A 5p 400V	<b>9502801</b>

## Accessories: charging cable for electric vehicles

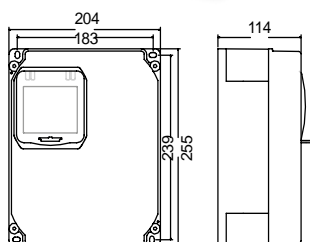
- Mobile AC-charging cable L=5m with vehicle connector and infrastructure plug acc. IEC62196-2, charge mode 3 - case B

Charging plug		Cable	Cat.No.
Vehicle	Infrastructure		
TYPE 2	TYPE 2	5m, 5x6mm <sup>2</sup> + 1x0,5mm <sup>2</sup> , 3 Ph, 32A, 480V	<b>1627692</b>
TYPE 1	TYPE 2	5m, 3x6mm <sup>2</sup> + 1x0,5mm <sup>2</sup> , 1 Ph, 32A, 250V	<b>1628028</b>



# e-bike DOCKING STATION

## Series MURAU



- **Socket outlet combination**
- Housing made of high durable PC/ABS, compact design
- **Dimensions HxWxD = 255x204x114 mm**
- Switchgear up to 4 modules, behind transparent window
- Ready wired for connection
- Rating: **IP54**

### Standard version:

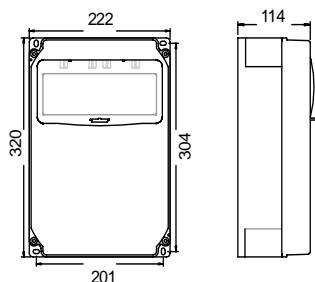
- Switchgear built in under impact resistant window
- All outer metal parts made out of stainless steel, captive screws
- Ready wired on main connecting terminal (max. 3x10mm<sup>2</sup>)
- Safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

### e-bike DOCKING STATION:

- Protection RCBO(6A) combination per socket outlet for additional safety
- safety socket 250V/16A in green colour
- sticker e-bike DOCKING STATION

Layout	CEE 400V 5p			SS 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				2	2x RCBO 6A 1p+N 30mA C TYP A		1 x M20 (top) 1 x M20 with blind cap (bottom)	InA 16A RDF 0,8	<b>9013024</b>

## Series ANIF4



- **Socket outlet combination**
- 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
- Rating: **IP54**

### Standard version:

- Switchgear built in under impact resistant window
- All outer metal parts made out of stainless steel, captive screws
- Ready wired on main connecting terminal (max. 5x10mm<sup>2</sup>)
- Safety sockets made of PA6, contacts nickel plated, sockets individual exchangeable

### e-bike DOCKING STATION:

- Protection RCBO(6A) combination per socket outlet for additional safety
- safety socket 250V/16A in green colour
- sticker e-bike DOCKING-STATION

Layout	CEE 400V 5p			SSD 250V	Protection		Connection	InA RDF	Cat.No.
	63A	32A	16A	16A	RCD	MCB			
				3	3x RCBO 6A 1p+N 30mA C TYP A		1 x M20 (top) 1 x M20 with blind cap (bottom)	InA 16A RDF 0,7	<b>9134248</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

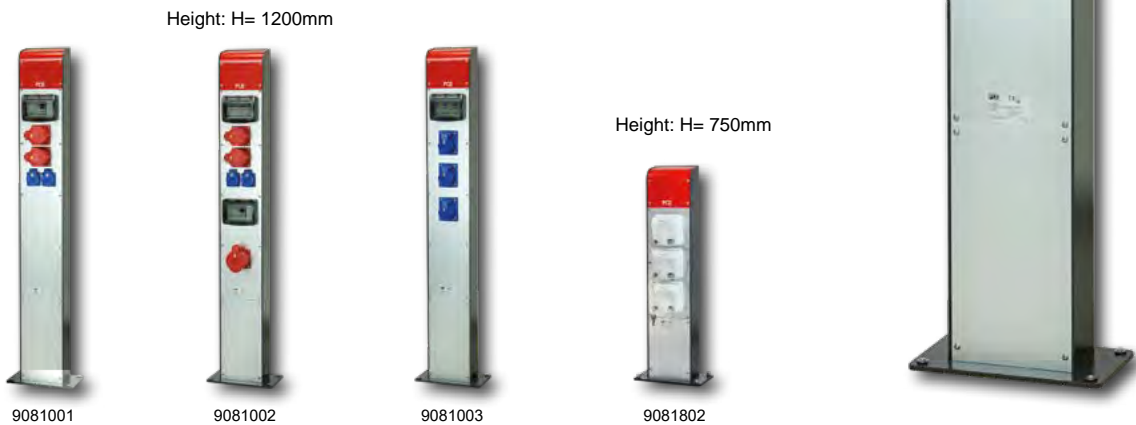
- Steel sheet construction powder coated
- Front plate removable, anodized aluminium
- Individual configuration

### Technical data pillar:

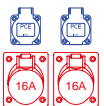
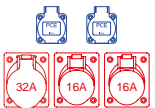
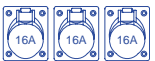
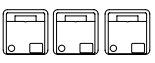
- Dimensions: (H x W x D) 750/1200 x 165 x 85 mm
- Stand: 250 x 150 mm
- Colour: Housing grey (RAL 7016 powder coated)  
Top cover red (RAL 3000 powder coated)  
Front plate: aluminium silver anodized

### 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	VS max.16A	<b>9081003</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)

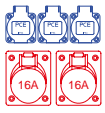
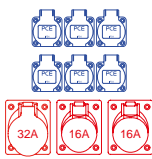
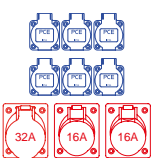


**EPS**  
ENCLOSURE  
PROTECTION  
SYSTEM  
**IP54**

Height: H= 1200mm

9082003 version: stainless steel V2A

Layout examples: (other combinations on request!)

Layout	CEE 400V 5p		SS 250V	Protection		Connection	InA RDF	Cat.No.
	32A	16A	16A	RCD	MCB			
		2	3	1 x RCD 40A/4/0.03A (TYP A 40AT)	1 x MCB 16A 3p-C 3 x MCB 16A 1p-C	1 x M32 (ø18-25mm) bottom Column made out of steel sheet metal, powder coated (RAL 7016)	InA 25A RDF 0,7	<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)

Example:	Cat.No.
MS10, 100x50x300, IP44, unequipped, incl. stand	50300027
MS10, 100x50x500, IP44, unequipped, incl. stand	50500045



### Garden supply- and gate intercom tower MS18

Supply column for outside areas, comprising a closed rectangular profile and aluminium intermediate cover. Integrated equipotential bonding terminal with protection conductor for the electrical connection. 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)

Example:	Cat.No.
MS18, 180x100x1400, IP44, unequipped, incl. stand	61407322
MS18, 180x100x1400, IP44, unequipped, incl. stand and LED lid	71407323



### Garden supply tower MSR12

Supply column for outside areas, comprising a closed round profile of aluminium with a flat side for equipping, including round segment profile for covering the section of the tower that is not equipped, 2 plastic segment covers, aluminium intermediate cover, incl. equipotential bonding terminal with protection conductor. The column is prepared at the factory for equipping on one side with all standard equipment programs. (Frame width max. 85 mm)

**Option:** Light (LED lid for orientation, or regular surrounding light)

**Technical data:**

Technical data: Ø 120 x 500/800/1150 mm, IP44

Material, colour: aluminium profile, silver anodized (RAL colours upon request)

Example:	Cat.No.
MSR12, Ø120x800, IP44, unequipped, incl. stand and LED lid	80800072



### Garden supply- and gate intercom tower MSR20

The MSR20 gate intercom column comprises an anodised aluminium profile, cover and footplate. 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)

Example:	Cat.No.
MSR20, Ø200x1400, IP44, unequipped, incl. stand	51400254
MSR20, Ø200x1400, IP44, unequipped, incl. stand and LED lid	61400255





## Office connection technology

### Floor- office columns MS10 / MSR12 / MS15 / MS240



**MS10:** Connection column for offices comprises a closed, anodised aluminium profile with cover and equipotential bonding with protective conductor terminal. The connection column for offices can be equipped on one side with all standard device ranges.

**MSR12:** Connection column for offices comprises a closed round aluminium profile with flat surface for equipping, including round segment profile for covering the non-equipped part of the column, 2 segment covers, equipotential bonding terminal, without base plate. 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. A separating rail is necessary for separating various electric circuits inside a column.



**MS240:** Connection column for offices for equipping with standard devices, instabus devices, selective back-up, distribution. The MS240 offers sufficient manoeuvring space for functional bending radii and strain relief for coaxial cables, optical waveguides, stranded conductors (twisted) and high voltage lines.

MS240 comprises a flush-fitted base plate, profiled side panels, screw-on cover, separating rail including a C-rail and a top hat rail for mounting terminals and strain 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:	MS10: 100 x 50 x 300/500 mm	IP-rating:	IPX0
	MSR12: Ø120 x 300/500 mm	Material:	aluminium
	MS15: 150 x 100 x 300/500 mm	Colour:	silver anodized
	MS240: 240 x 175 x 310/410/510 mm		(RAL colours 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:	MS10: 100 x 50 x 2700 mm
	MSDR12: Ø120 x 2700 mm
IP-rating:	IPX0
Material:	aluminium
Colour:	silver anodized (RAL colours upon request)

Individual equipment and heights on request!

# Industrial supply columns

## Industrial floor column MS15

MS15 connection column for industry for vertical connection technology comprising closed aluminium profile with cover and equipotential bonding with protective-conductor terminal, distributor (with 6 units), circuit-breaker and built-in devices.

The MS15 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 MS15 industrial column is also deliverable with a modular connector. Hinged frames, modules and intermediate bearings for modular connector have to be ordered separately.

### 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, colour: aluminium profile, silver anodized



Example:	Cat.No.
MS15, window 6 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, 150x100x660 mm, incl. stand	60667001
MS15, window 6 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, 150x100x990 mm, incl. stand	60997012

## 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 bore-holes on the 2nd side separately. A separating rail is necessary for separating various electric circuits inside a column.

**MSDI165+:** MSDI165+ ceiling connection column for industry for vertical connection technology, for supplying energy from either the ceiling or the floor comprising:

- closed extruded aluminium profile, especially for the electrical connections.
- side flaps for e.g. compressed air, vacuum connections, suction lines, water and other media if technically possible.
- Column cover and base plate.

### Possible equipment:

On 1, 2 and 4 sides with all standard device ranges including high and low voltage devices as well as an emergency-off button or CEE-surface-mounted sockets up to 63 A and distribution fuse board up to max. 8 partitions per distributor. Compressed air units, vacuum connections, suction lines, water and other media if technically possible.

### Technical data:

Dimensions: MSD15: 150 x 100 x 2700 mm  
 MSDI165+: 295 x 120 x 3000 mm  
 IP-rating : IPX5  
 Material: aluminium  
 Colour: silver anodized



Individual equipment and heights on request!





## Stainless steel energy bollards

The energy bollard has a diameter of 330 mm and is available in the standard heights 650, 850, 1050, 1280 and 1500 mm. Special sizes are available on request. The bollards can be equipped with both electric components as well with fresh or drinking water connections. (Optionally a pipe heating is available). It is standard, that the bollards are made out of V2A chromenickel steel (1.4301) and are powder coated. Alternatively possible is the execution of V4A stainless steel (1.4571). The surface is sanded and passivated.

### Technical data:

Dimensions: 330mm diameter x 650/850/1050/1280/1500 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.

### 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!



## Stainless steel wall distributors

The stainless-steel wall-energy distributors are the perfect solution, wherever a connection from the ground is not possible and the power supply from the wall should take place. A retrofitting is possible by the variations in-wall- and on-wall-mounted distributors. Thanks to the stainless steel construction, the wall distributors are ideally suited for outdoor use. Since the cable outlet can also be used in a closed state, the distributors are protected against unauthorized current drain and unintentional unplugging of cables..

### Technical data:

Dimensions: ESS1 402 x 1410 x 210 mm  
 ESS2 345 x 1140 x 311 mm  
 IP-rating: IP54

Individual equipment and heights on request!  
 Individual coatings (RAL/DB) on request!



# 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:	303mm, 136 mm
Load capacity of cover:	support weight of car
Heater:	20 W switch cabinet heater
Lifting mechanism:	gas pressure spring
Drainage connection:	1 DN 40



Example:	Best.Nr.
TerraMo, 2x safety socket 16A 250V	502010001
TerraMo, window 4 units, 1xCEE 16A 5p 400V, 2x safety socket, RCBO 16/0,03A 4p-C	502010005

## Underground connection: series SE

Retractable, freely accessible for vehicles, electrical connections and distribution columns for open areas and halls for groundflush installation in compliance with VDE regulations, comprising:

Concrete pit with integrated drainage, cable feed-throughs and cable terminal boxes, corrosion-proof aluminium pit insert, supply tower with pit cover of cast aluminium suitable for paving, electrical device modules and hand crank.

Options: Water supply or other energy sources

### Technical data: (general)

IP-rating:	IP 44 (IP67)
Protection degree:	Earth conductor, protection class 1
Rated power:	up to 130 kW
Load capacity of cover:	up to 40t

Please ask for detailed technical documentation!



## Underground connection with lid: series SEK

The new Moser underground connection with hinged lid made out of stainless steel are the perfect supply possibility for areas in- and outdoors. Once the lid is closed, the unit is almost invisible and protected against vandalism. The integrated full rubber distribution box can be equipped individually. The flexible use of space and the invisible storage of power supply, even in small areas, fit perfectly in every townscape.

Options: Cable exit (lid can stay closed during operation)  
Water supply or other energy sources

### Technical data: (general)

IP-rating: (distribution box)	IP 54 (others on request)
Load capacity of lid:	selectable 1,5t, 12,5t and 40t



Individual equipment and heights on request!

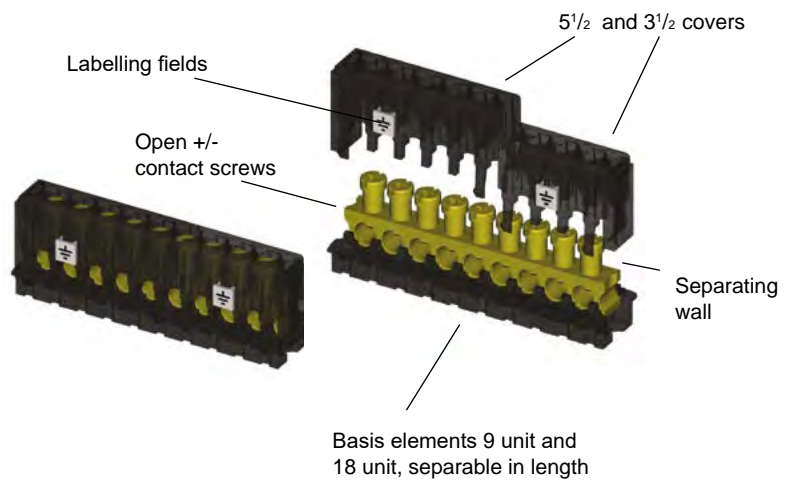
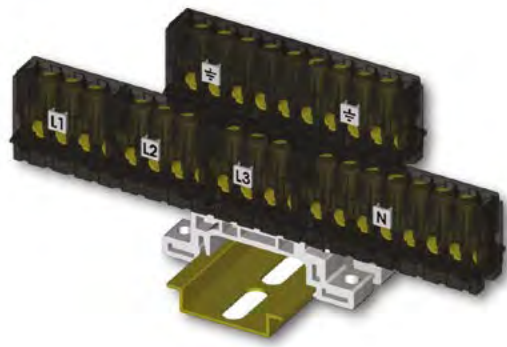
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 

# Vario Connector – variable connector block

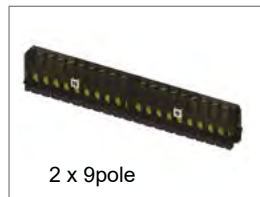
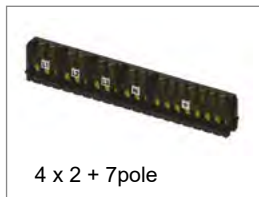
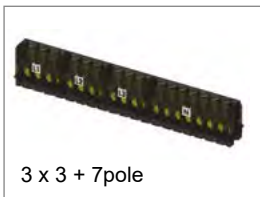
For use in distribution boxes and cabinets, applicable as connecting terminal and intermediate terminal.

## 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

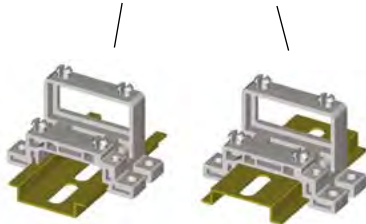


## Examples of application:



## Mounting possibilities:

Receptors for DIN-rail 35mm  
above or below



Cross- or length-wise assembly on DIN rail 35mm



screwable





# Vario Connector overview

## Cover

packaging unit: 50



Terminal VC Cover 3.5  
667235-50



Terminal VC Cover 5.5  
667255-50



Terminal VC Basis 9  
667109-50



Terminal VC Basis 19  
667119-50

## Holder

packaging unit: 50



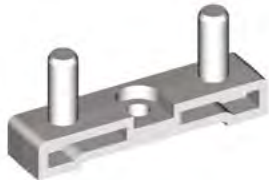
Terminal VC Holder Snap 7  
667307-50



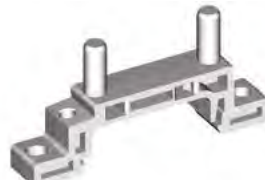
Terminal VC Holder Snap 16  
667316-50  
(screw 3,0x10) for DIN-rail  
fixing 201803-1000



Terminal VC Holder Snap 34  
667334-50



Terminal VC Holder Pin 7  
667407-50



Terminal VC Holder Pin 16  
667416-50  
(screw 3,0x10) for DIN-rail  
fixing 201803-1000



Terminal VC Holder Pin 34  
667434-50

## Bar Rail

packaging unit: 20



Terminal VC Bar Rail 2p  
171402-20



Terminal VC Bar Rail 3p  
171403-20



Terminal VC Bar Rail 6p  
171406-20



Terminal VC Bar Rail 9p  
171409-20

## Dekafix

packaging unit: 500



Terminal Dekafix 5 neutral  
0473361044-500



Terminal Dekafix 5 GS N  
0132961034-500



Terminal Dekafix 5 GS  
0157261203-500

Cat. No.

Information icons: i, power, plug, lock, shield, microphone, calculator, game controller, lightbulb, car, hash symbol.

# Vario Connector overview



Terminal VC complete 1x3p

**667109-1/3**

Pack. unit: 200



Terminal VC complete 1x6p

**667109-1/6**

Pack. unit: 200



Terminal VC complete 1x9p

**667109-1/9**

Pack. unit: 200



Terminal VC complete 2x3p

**667109-2/3**

Pack. unit: 200



Terminal VC complete 3x2p

**667109-3/2**

Pack. unit: 200



Terminal VC complete 1x6p

**667119-1/6**

Pack. unit: 200



Terminal VC complete 2x6p

**667119-2/6**

Pack. unit: 200



Terminal VC complete 2x9p

**667119-2/9**

Pack. unit: 200



Terminal VC complete 3x2p

**667119-3/2**

Pack. unit: 200



Terminal VC complete 3x3p

**667119-3/3**

Pack. unit: 200



Terminal VC complete 5x2p

**667119-5/2**

Pack. unit: 200

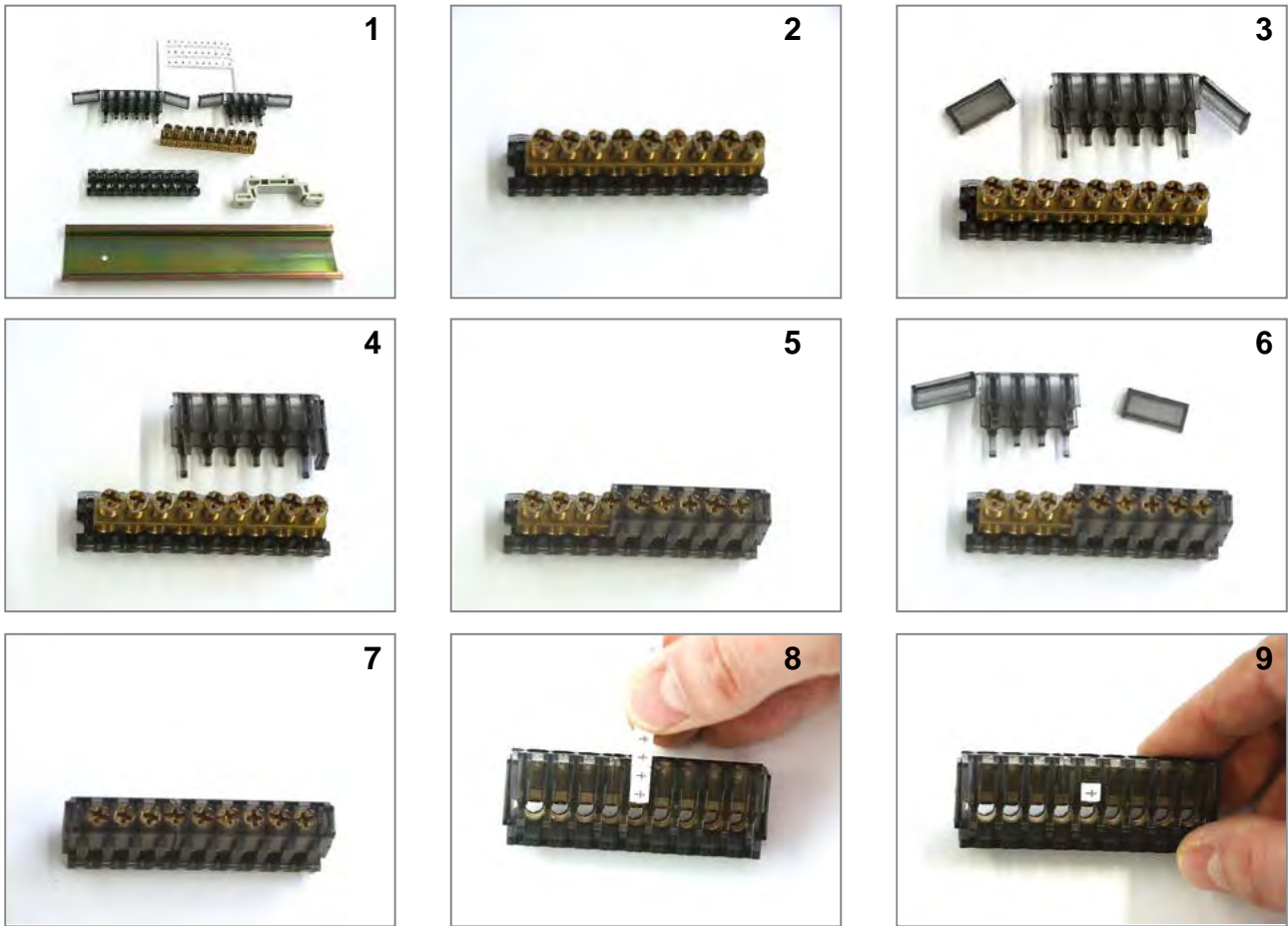


Terminal VC complete 5x3p

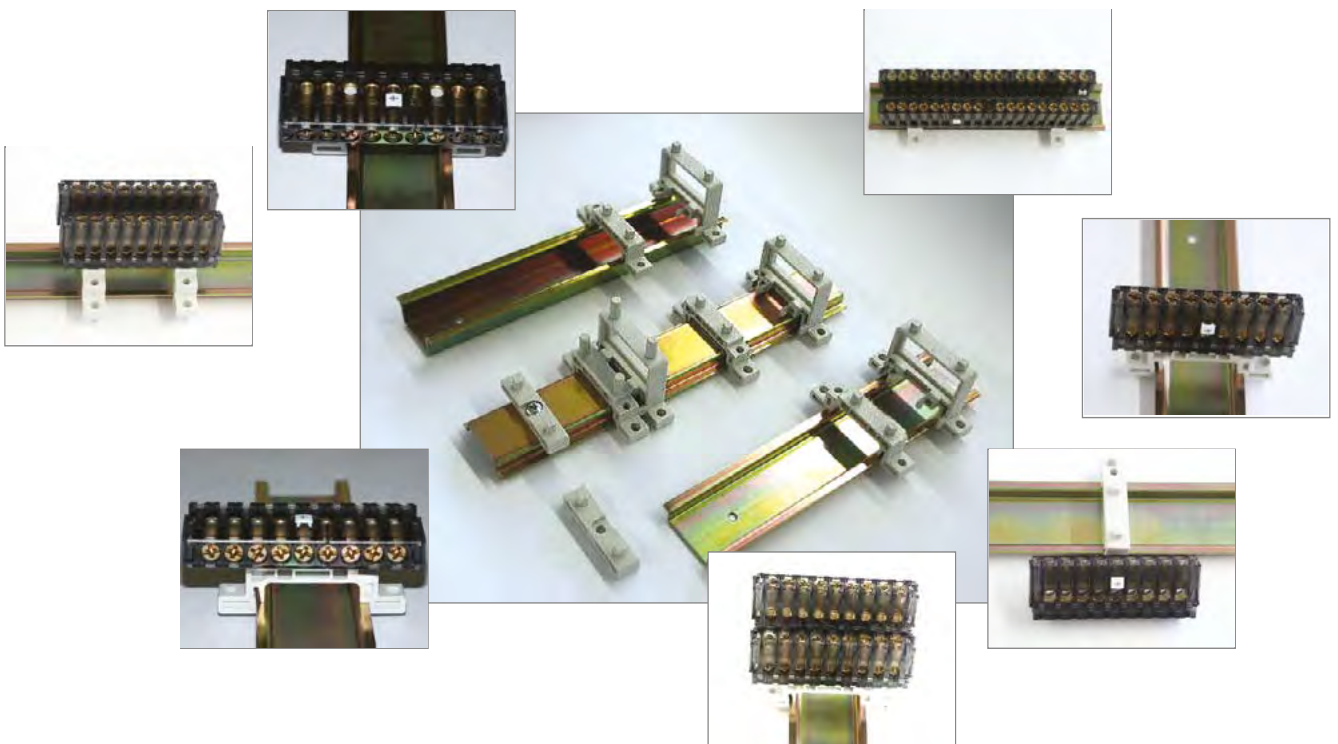
**667119-5/3**

Pack. unit: 200

## Vario Connector example with basis 9



## Vario Connector examples

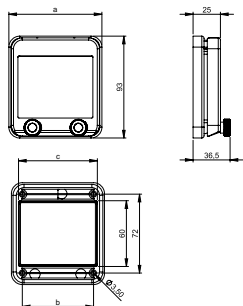


# Hinged windows – fuse window IP66/67



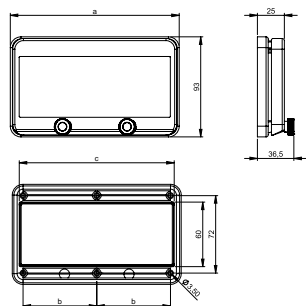
## Technical characteristics:

- especially compact (robust) design, made of shock-resistant polycarbonate
- for **distributor's construction, O.E.M's, panel builders, etc.**
- sprung-loaded window with integrated knurled screws
- size of hinged window suitable for **2, 4, 5, 6, 8, 10, 13, 18 modules** (17,5mm each)
- mounting frame made of shock-resistant polycarbonate with integrated gasket for flange mounting
- all metal parts corrosion-resistant
- IP66/67 watertight



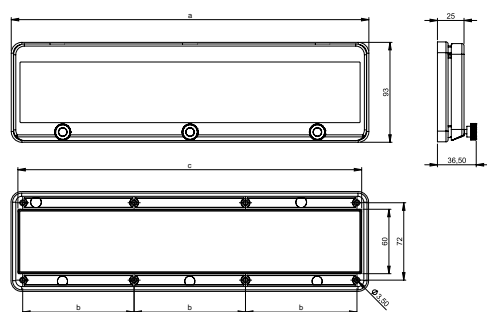
## Hinged window 2 / 4 modules

	a [mm]	b [mm]	c [mm]	Weight [g]	pack.unit	Cat.No.
2 Modules	49	27	36	51	40	900602
4 Modules	85	65	72	80	20	900604



## Hinged window 5 / 6 / 7 / 8 / 9 / 10 / 12 / 13 modules

	a [mm]	b [mm]	c [mm]	Weight [g]	pack.unit	Cat.No.
5 Modules	103	41,5	90	90	20	900605
6 Modules	121	50,5	108	102	15	900606
7 Modules	139	59,5	126	114	15	900607
8 Modules	157	68,5	144	126	15	900608
9 Modules	175	77,5	162	133	15	900609
10 Modules	193	86,5	180	145	15	900610
12 Modules	229	104,5	216	168	10	900612
13 Modules	247	113,5	234	180	10	900613

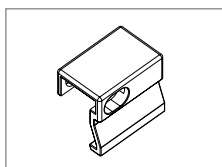


## Hinged window 18 modules

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

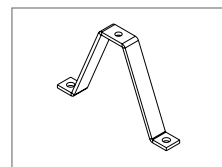
## Accessories for IP66/67:

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



ts9000g

Mounting clamp for DIN-rail H=53 mm



19892



# Hinged windows – fuse window IP54

**Technical data:**

- especially compact (robust) design, made of shock-resistant polycarbonate
- for **distributor's construction, O.E.M.'s panel builders, etc.**
- self-closing window
- size of hinged window suitable for **4, 6, 8, 9, 10, 11, 12, 13, 14, 18 modules** (17,5mm each)
- bearing by means of double hinges
- **angle of vee > 180°**
- mounting frame made of shock-resistant polycarbonate with integrated gasket for flange mounting
- all metal parts corrosion-resistant
- transport and installation protection of the window with peel back foil
- integrated free position for lead seal
- window holder included
- Protection degree IP54 in vertical position
- Protection degree IP44 in horizontal position

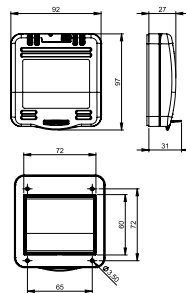


window handle **ti0207**



## Hinged window 4 modules

	Weight [g]	pack.unit	Cat.No.
4 modules	97	30	<b>9006504</b>



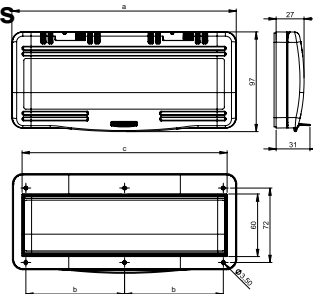
Delivery: incl. window holder (standard colour: black)  
Also possible to order separately



**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



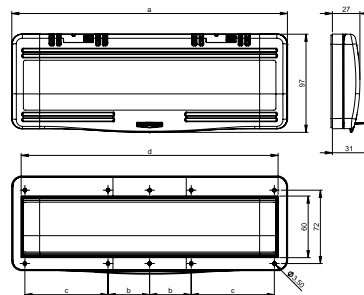
window holder for service works 90°



window holder for service works 180°

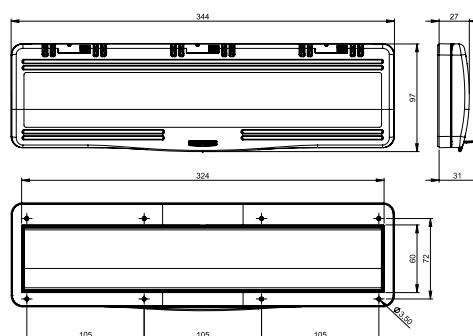
## Hinged window 13 / 14 modules

	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>







# Work lights

# Work lights - mobile

## PCE mini LED



Power/Voltage: 30W / 220-240V~ (50-60Hz)  
 Lightning current: 3800 lm / Luminous colour 4000 Kelvin  
 Dimensions: (WxHxD): 213 x 410 x 145mm  
 Cable: 5m H07RN-F 3G1,5 with safety plug  
 Housing / colour: 2-component plastic/rubber, red-black  
 IP rating : **IP54** IK08   
 Incl. switch (ON/OFF) and additional safety socket with lid on the side.

**4303020**



## PCE mini LED safety



incl. rechargeable battery for emergency light, approx. 90 minutes

**4303025**

## PCE maxi LED



Power/Voltage: 75W / 220-240V~ (50-60Hz)  
 Lightning current: 7270 lm / Luminous colour 4000 Kelvin  
 Dimensions: (WxHxD): 378 x 505 x 165mm  
 Cable: 5m H07RN-F 3G1,5 with safety socket  
 Housing / colour: 2-component plastic/rubber, red-black  
 IP rating: **IP54** IK08   
 Incl. 2 pcs. safety socket with lid (backside) and ON/OFF switch

**4307520**



## KLICK-FIX quick fastening system

for PCE mini LED / maxi LED

sturdy, fast fixation (swivelling)  
 simple, fast mounting

**43030201**



## Turn- and swivelling wall-holder

for PCE mini LED / maxi LED

Turnable and swivelling holder  
 for wall mounting

**4304011**



## Magnet holder for PCE maxi LED

Magnet holder (3x magnets),  
 fix mounting, swivelling

**4304015**



## Magnet holder for PCE mini LED

Magnet holder (2x magnets),  
 KLICK-FIX fastening system, swivelling

**4304016**





## Accessories for mobile work lights



### Tripod adapter quadruple

for mounting of work lights  
(4 pcs. PCE mini LED / maxi LED)  
adjustable gradient of lights  
(snap-fit) complete with Klick-Fix  
fastening system, incl. TV-centering pivo  
(Ø 28 mm ) for tripod

4304019



Example of use:  
Tripod adapter quadruple  
with 4x PCE maxi LED,  
lightning current = 4x 7270 Lumen



### ELEVATING TRIPOD (3-pcs.) 3,8m

incl. mounted TV-centering pivo Ø 28 mm  
(L=11,5cm, M10),  
full height approx. 3,8 m, max. load: 50kg  
Dimensions (folded): 260 x 185 x 1950 mm

1410000310



### STAND TRIPOD (3-pcs.)

Solid, simple tripod (3-pieces)  
Zinc coated metal with handle  
Height adjustable up to 2,75m

70015



### STAND TRIPOD (3-pcs.) with wheels

Identical to Cat.No. 70015 but  
incl. 3 rotatable, removable wheels  
(Ø50mm, one wheel with stop function)

70019

### Spare bulb TC-L 840 2G11 (coolwhite)



24W PCE mini/standard



L= 325mm

4304017

36W PCE maxi



L= 430mm

4304018

# LED-Hand lamps

## LED-Hand lamp PCE Akku LED 200 5+1 Ultra High Power LED (SMD)

**Technical specifications:**

Lamp: 5+1 Ultra High Power LED (SMD)  
200 Lumen (lamp)  
100 Lumen (flashlight)

Battery: Lithium-ion 3,7 V - 1100 mAh

Operating time: approx. 2,75 h (lamp) / approx. 5,5 h (flashlight mode)

Charging time: approx. 3 h

Charger: 12-24V DC and 100-240 V AC 50/60 Hz and USB connector

Charging: LED green (full) - red (charging)

Switch: 2 functions: 5 LEDs (lamp) / 1 LED (flashlight)

Enclosure (lens): Impact-resistant polycarbonate IK07

Protection class: 2/3

IP rating: IP54



730010

**Inclusive accessories:**

Charging adapter: IN: 100-240V AC 50/60 Hz OUT: 5V / 500mA (USB)

Micro car charger: 12-24V DC

USB-cable



## LED-Hand lamp PCE Akku LED 500 10+1 Ultra High Power LED (SMD)

**Technical specifications:**

Lamp: 10+1 Ultra High Power LED (SMD)  
500 Lumen (lamp)  
120 Lumen (flashlight)

Battery: Lithium-ion 3,7 V - 4400 mAh

Operating time: approx. 4,5 h (lamp) / approx. 17 h (flashlight mode)

Charging time: approx. 3,5 h

Charger: 12-24V DC and 100-240 V AC 50/60 Hz and USB connector

Charging: LED green (full) - red (charging)

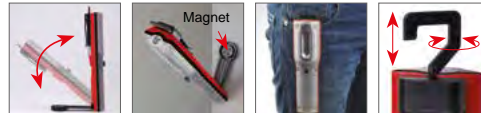
Switch: 2 functions: 10 LEDs (lamp) / 1 LED (flashlight)

Enclosure (lens): Impact-resistant polycarbonate

Protected: against overcharging and fully discharge

Protection class: III

IP rating: IP54



740010

**Inclusive accessories:**

Charging adapter: IN: 100-240V AC 50/60 Hz OUT: 5V / 1000mA (USB)

Micro car charger: 12-24V DC

USB-cable



## LED light with rechargeable battery, 5x3W

Base with magnet 4x 50N  
handle can be swivelled 180°

**Technical specifications:**

Lamp: 5x3W 900 Lumen

Battery: Battery Lithium-Ion 7,4VDC 4400mAh

Light functions: 100% / 50% / blinking function

Operating time: mode 100% approx. 5h, mode 50% approx. 10h

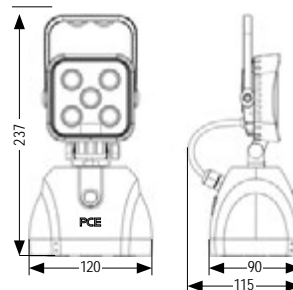
Charger: 230VAC 50/60Hz IP20, Car 12/24VDC/8,4VDC optional 5-times charger 230VAC

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

Ingress protection: IP 65



450020

**Option: charger 5-times 230V/70VA**

for simultaneous charging of 5 pcs. lights

450012

**Inclusive accessories:**

Charger 230 VAC, 50/60 Hz

Car charger 12-24V DC





**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

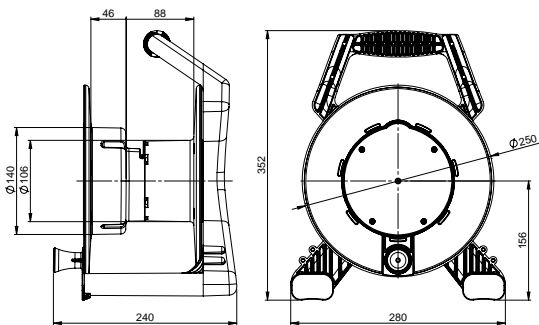
**Brake system**  
centric placed in spindle

**Plug parking spaces**  
for safe storage of the plug

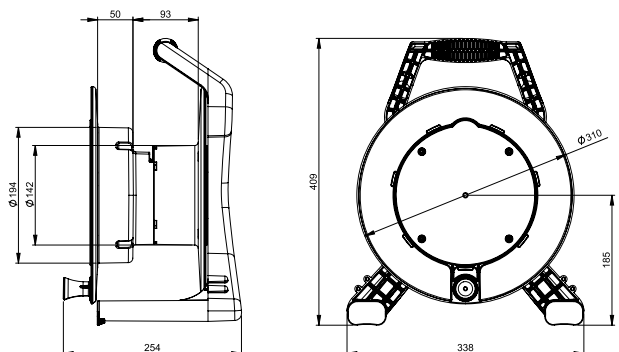
**Reliable stand**  
due to wide supporting points



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 child protection (shutter) 16A 250V
- Thermal protection, power indicator light and safety plug (rubber) with dual earthing system



Cable length	Cable type	Cable colour	IP	Cat.No.
25m	H05RR-F 3G1,5 rubber sheated cable	■ black	IP20	9250005-p
25m	H05VV-F 3G1,5 PVC sheated cable	■ black	IP20	9250002-p

### Equipment:

- 4 x safety sockets with child protection (shutter), sealing bulge and self closing hinged lid 16A 250V
- Thermal protection, power indicator light and safety plug (rubber) with dual earthing system



Cable length	Cable type	Cable colour	IP	Cat.No.
25m	H05RR-F 3G1,5 rubber sheated cable	■ black	IP54	9250006-p
25m	H05RR-F 3G1,5 rubber sheated cable	■ black	IP54	9250007-p*
33m	H05RR-F 3G1,5 rubber sheated cable	■ black	IP54	9250024-p
25m	H05VV-F 3G1,5 PVC sheated cable	■ black	IP54	9250004-p
33m	H05VV-F 3G1,5 PVC sheated cable	■ black	IP54	9250023-p
25m	H07RN-F 3G1,5 rubber sheated cable	■ black	IP54	9250013-p
25m	H07RN-F 3G2,5 rubber sheated cable	■ black	IP54	9250029-p
25m	H07RN-F 3G2,5 rubber sheated cable	■ black	IP54	9250025-p*
25m	N07V3V3-F 3G1,5 PVC building site cable	■ yellow	IP54	9250156-p
25m	N07V3V3-F 3G2,5 PVC building site cable	■ yellow	IP54	9250016-p

<sup>1)</sup> Cable type can only be used in Austria on building sites. (National regulations have to be observed!)

1)

## Empty cable reel made of special plastics Ø250mm

Stable carrying rack with ergonomic handle made of extremely durable plastic, central brake mechanism as well as 2 parking positions for the plug.

Empty reel with crank, cable entry and strain relief



Description	Cat.No.
Empty reel (without central panel), colour: black	9250998-p
Blind cover (undrilled, unequipped), colour: black	925001
Central panel 4xSSD 4x safety socket IP54 incl. thermal protection and operation display, ready wired on main terminal	925004
Central panel 3xSSD 3x safety socket IP54 individually replaceable incl. thermal protection, ready wired on main terminal	925006

# XREEL® 250



## Cable reel made of special plastics Ø250mm

Stable carrying rack with ergonomic handle made of extremely durable plastic, central brake mechanism as well as 2 parking positions for the plug.

### Equipment:

- 3 x safety sockets (individually replaceable), with sealing bulge and self-closing hinged lids 16A 250V
- Thermal circuit breaker, solid rubber plug (dual earthing system)

Cable length	Cable type	Cable colour	IP	Cat.No.
25m	H07RN-F 3G1,5 rubber sheathed cable	■ black	IP54	9250012-p
33m	H07RN-F 3G1,5 rubber sheathed cable	■ black	IP54	9250022-p
25m	H07RN-F 3G2,5 rubber sheathed cable	■ black	IP54	9250034-p
25m	H07BQ-F 3G1,5 polyurethane cable	■ orange	IP54	9250010-p
30m	H07BQ-F 3G1,5 polyurethane cable	■ orange	IP54	9250033-p
33m	H07BQ-F 3G1,5 polyurethane cable	■ orange	IP54	9250026-p
25m	H07BQ-F 3G2,5 polyurethane cable	■ orange	IP54	9250018-p
25m	N07V3V3-F 3G1,5 PVC building site cable	■ yellow	IP54	9250121-p
25m	N07V3V3-F 3G1,5 PVC building site cable	■ yellow	IP54	9250001-p*
33m	N07V3V3-F 3G1,5 PVC building site cable	■ yellow	IP54	9250019-p
20m	N07V3V3-F 3G2,5 PVC building site cable	■ yellow	IP54	9250020-p
25m	N07V3V3-F 3G2,5 PVC building site cable	■ yellow	IP54	9250021-p

<sup>1)</sup> Cable type can only be used in Austria on building sites. (National regulations have to be observed!)

1)



### Equipment:

- 2 x CEE-sockets 16A 3p 4h 110V
- Thermal circuit breaker and CEE plug 16A 3p 4h 110V

Cable length	Cable type	Cable colour	IP	Cat.No.
25m	H07RN-F 3G2,5 rubber sheathed cable	■ black	IP54	9250008-p

### Equipment:

- 3 x sockets 13A 250V british system IP54
- Thermal circuit breaker and plug 13A 2p+PE british system IP32

Cable length	Cable type	Cable colour	IP	Cat.No.
25m	H07RN-F 3G1,5 rubber sheathed cable	■ black	IP32	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 length	Cable type	Cable colour	IP	Cat.No.
20m	H07RN-F 3G2,5 rubber sheathed cable	■ black	IP54	9250035-p

Equipment samples: (other versions on request)

\*French/Belgian system with child protection (shutter)

## Recommended max. cable lengths [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

For general information about cable types see page 333!



# 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.



### 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	Cable type	Cable colour	IP	Cat.No.
25m	N07V3V3-F 3G1,5 PVC building site cable	yellow	IP54	9350156-p
30m	N07V3V3-F 3G1,5 PVC building site cable	yellow	IP54	9350153-p
40m	N07V3V3-F 3G1,5 PVC building site cable	yellow	IP54	9350164-p
50m	N07V3V3-F 3G1,5 PVC building site cable	yellow	IP54	9350161-p
25m	N07V3V3-F 3G2,5 PVC building site cable	yellow	IP54	9350154-p
30m	N07V3V3-F 3G2,5 PVC building site cable	yellow	IP54	9350165-p
40m	N07V3V3-F 3G2,5 PVC building site cable	yellow	IP54	9350157-p
50m	N07V3V3-F 3G2,5 PVC building site cable	yellow	IP54	9350155-p

25m	H07BQ-F 3G1,5 polyurethane cable	orange	IP54	9350145-p	K2
30m	H07BQ-F 3G1,5 polyurethane cable	orange	IP54	9350147-p	K2
40m	H07BQ-F 3G1,5 polyurethane cable	orange	IP54	9350146-p	K2
50m	H07BQ-F 3G1,5 polyurethane cable	orange	IP54	9350151-p	K2
25m	H07BQ-F 3G2,5 polyurethane cable	orange	IP54	9350159-p	K2
30m	H07BQ-F 3G2,5 polyurethane cable	orange	IP54	9350196-p	K2
40m	H07BQ-F 3G2,5 polyurethane cable	orange	IP54	9350162-p	K2
50m	H07BQ-F 3G2,5 polyurethane cable	orange	IP54	9350009-p	K2

25m	H07RN-F 3G1,5 rubber sheathed cable	black	IP54	9350150-p	K2
30m	H07RN-F 3G1,5 rubber sheathed cable	black	IP54	9350132-p	K2
40m	H07RN-F 3G1,5 rubber sheathed cable	black	IP54	9350015-p	K2
50m	H07RN-F 3G1,5 rubber sheathed cable	black	IP54	9350160-p	K2
25m	H07RN-F 3G2,5 rubber sheathed cable	black	IP54	9350142-p	K2
30m	H07RN-F 3G2,5 rubber sheathed cable	black	IP54	9350167-p	K2
40m	H07RN-F 3G2,5 rubber sheathed cable	black	IP54	9350202-p	K2
50m	H07RN-F 3G2,5 rubber sheathed cable	black	IP54	9350163-p	K2

<sup>1)</sup> Cable type 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, colour: black (without cable and plug)

8935097-p

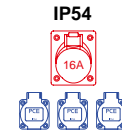
## XREEL® 310

### 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.

#### 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 length	Cable type	Cable colour	IP	Cat.No.
25m	<b>N07V3V3-F 5G2,5</b> PVC building site cable	yellow	IP54	<b>9350180-p</b>
30m	<b>N07V3V3-F 5G2,5</b> PVC building site cable	yellow	IP54	<b>9350193-p</b>
25m	<b>H07BQ-F 5G2,5</b> polyurethane cable	orange	IP54	<b>9350189-p</b>
30m	<b>H07BQ-F 5G2,5</b> polyurethane cable	orange	IP54	<b>9350008-p</b>
25m	<b>H07RN-F 5G2,5</b> rubber sheathed cable	black	IP54	<b>9350235-p</b>
33m	<b>H07RN-F 5G2,5</b> rubber sheathed cable	black	IP54	<b>9350042-p</b>

<sup>1)</sup> Cable type 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, colour: black

8935096-p



#### Equipment:

- 2 x CEE sockets 16A 5p 400V
- Thermal protection and CEE-plug 16A 5p 400V



Cable length	Cable type	Cable colour	IP	Cat.No.
25m	<b>N07V3V3-F 5G2,5</b> PVC building site cable	yellow	IP54	<b>9350290-p</b>
30m	<b>H07BQ-F 5G2,5</b> polyurethane cable	orange	IP54	<b>9350022-p</b>
25m	<b>H07RN-F 5G2,5</b> rubber sheathed cable	black	IP54	<b>9350245-p</b>

<sup>1)</sup> Cable type can only be used in Austria on building sites. (National regulations have to be observed!)



#### Equipment:

- 4 x safety sockets 16A 250V **IP68 (watertight)**
- Thermal protection and safety plug 16A 250V **IP68**

Cable length	Cable type	Cable colour	IP	Cat.No.
25m	<b>N07V3V3-F 3G2,5</b> PVC building site cable	yellow	IP54	<b>9350004-p</b>
25m	<b>H07BQ-F 3G2,5</b> polyurethane cable	orange	IP54	<b>9350005-p</b>
50m	<b>H07BQ-F 3G2,5</b> polyurethane cable	orange	IP54	<b>9350212-p</b>
25m	<b>H07RN-F 3G2,5</b> rubber sheathed cable	black	IP54	<b>9350017-p</b>

<sup>1)</sup> Cable type can only be used in Austria on building sites. (National regulations have to be observed!)





# Cable rewriter / hose rewriter

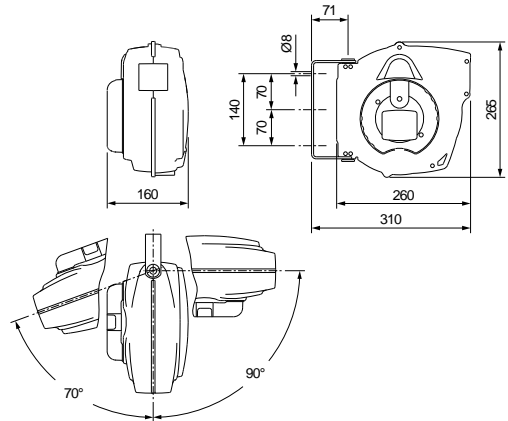


## Cable rewriter JUNIOR 230

housing made of unbreakable plastic, with overload protection and disconnectable blocking device, for wall and ceiling mounting, Incl. safety plug and connector, TÜV-GS approved

cable length: 10m  
 pull-out cable: H05VV-F 3G1,5  
 rated voltage: 230V~  
 power (wound up/unwound): 800W/2000W  
 protection: IP24  
 weight: 3,8 kg

**42170**

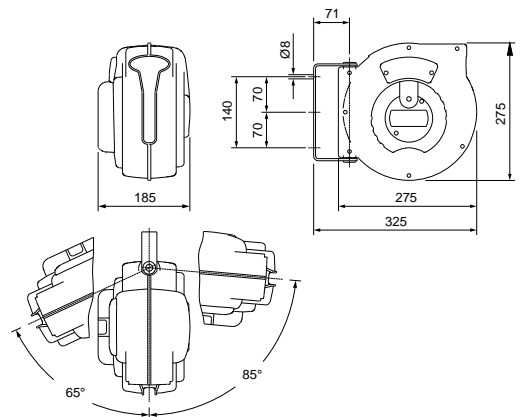


## Cable rewriter MASTER 230

housing made of unbreakable plastic, with overload protection and disconnectable blocking device, for wall and ceiling mounting, Incl. safety plug and connector with lid IP44, TÜV-GS approved

cable length: 10m  
 pull-out cable: H07RN-F 3G2,5  
 rated voltage: 230V~  
 power (wound up/unwound): 800W/2000W  
 protection: IP20  
 weight: 4,0 kg

**42174**

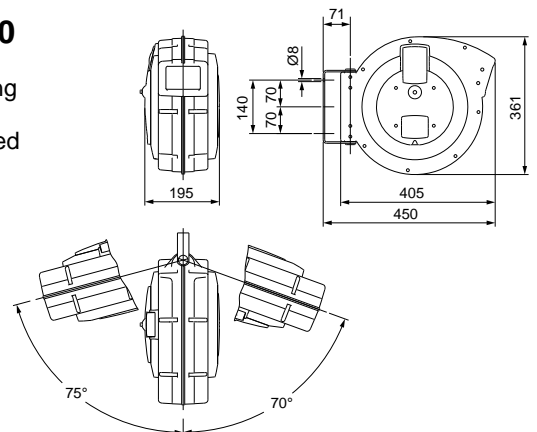


## Cable rewriter MAJOR PLUS 400

housing made of unbreakable plastic, with overload protection and disconnectable blocking device, for wall mounting, incl. CEE-plug and CEE-connector 16A 5p 400V; TÜV-GS approved

cable length: 15m  
 pull-out cable: H07RN-F 5G2,5  
 rated voltage: 400V~  
 power (wound up/unwound): 2800W/5000W  
 protection: IP24  
 weight: 5,6 kg

**42285**

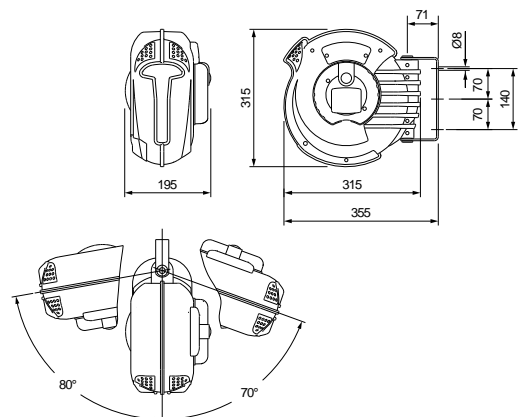


## Hose rewriter AIR MASTER

housing made of unbreakable plastic, disconnectable blocking device, for wall and ceiling mounting, mit air socket and connection 1/2"

Schlauchlänge: 12m  
 Schlauchlänge Zuleitung: 2m  
 Schlauchqualität: Polyurethan 8x12mm  
 max. Arbeitsdruck: 15 bar  
 weight: 4,5 kg

**42164**



# Cable protector bridges

## Cable protector bridge DEFENDER Mini

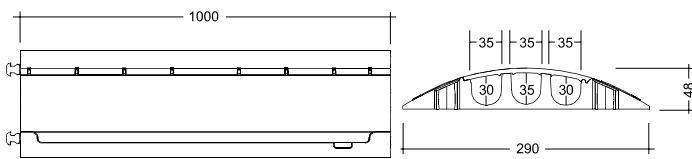
with anti slip surface and hinged lid. Lid available in yellow or black. Made of polyurethane, individual expandable

Tire weight : approx. 2 tons on a surface of 20x20cm.

**Dimensions:** LxWxH = 1000x290x48mm      **Weight:** 5kg

**Cable channels:** 3 pcs.

<b>85200</b>	cover: yellow
<b>85200BLK</b>	cover: black



## Cable types

type / application	construction	temperature range
<p><b>H05VV-F PVC Sheathed Wire</b></p> <p>Suitable in dry and humid locations for connections of electrical appliances submitted to medium level mechanical strength, like washing machines, refrigerators, etc. Suitable for heating appliances provided that there is no risk of contact with hot parts.</p>	<ol style="list-style-type: none"> <li>1 fine-stranded bare copper</li> <li>2 polyvinyl chloride (PVC) insulation</li> <li>3 polyvinyl chloride (PVC) outer sheath</li> </ol>	-5°C till +70°C
<p><b>H05RR-F Rubber Sheathed Cable for Weak Mechanical Stress</b></p> <p>For general use in dry locations for connections of electrical apparatus submitted to weak mechanical strength, like vacuum cleaner, kitchen appliance, etc. unsuitable for industrial and agricultural use.</p>	<ol style="list-style-type: none"> <li>1 fine-stranded bare copper</li> <li>2 core insulation of rubber</li> <li>3 outer sheath of ordinary ethylene propylene rubber, black</li> </ol>	-25°C till +60°C
<p><b>H07RN-F Rubber Sheathed Cable for Medium-Level Mechanical Stress</b></p> <p>For general use in dry, humid and wet locations, for outdoor use, for agricultural applications or in locations subject to explosion hazards. Also suitable for connections of industrial and workshop electrical equipment submitted to medium-level mechanical stress. It can be used for fixed installations in temporary buildings as well as for connections of mobile machines and hoists.</p>	<ol style="list-style-type: none"> <li>1 fine-stranded bare copper</li> <li>2 EPR rubber insulation</li> <li>3 outer sheath of polychloroprene compound (EM2), black, abrasion and oil resistant, flame retardant</li> </ol>	-25°C till +60°C
<p><b>N07V3V3-F PVC Building Site Cable</b></p> <p>This cable is suitable for connecting electrical equipment particularly on building sites. It is used in dry and damp locations, outdoors and in areas with explosion hazard.</p> <p><i>Cable type can only be used in Austria on building sites. (National regulations have to be observed)</i></p>	<ol style="list-style-type: none"> <li>1 fine-stranded bare copper</li> <li>2 core insulation of cold-resistant polyvinyl chloride(PVC)</li> <li>3 outer sheath of cold-resistant polyvinylchloride (PVC), yellow</li> </ol>	-35°C till +70°C
<p><b>H07BQ-F Polyurethane Building Site Cable with Rubber Insulated Conductors</b></p> <p>This termination and connection cable with high mechanical stress-resistance can be used in dry, damp or wet rooms as well as in the open-air. It is ideal for application in industrial plants, building sites, in fact everywhere where extreme wear and tear resistance is required and where the cable is subjected to hard utilisation.</p>	<ol style="list-style-type: none"> <li>1 fine-stranded tinned or bare copper</li> <li>2 core insulation of a rubber compound (EL6)</li> <li>3 outer sheath of polyurethane (PUR), orange</li> </ol>	-40°C till +90°C

Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
000256	193	015-9TT	19	025-6	19	044-4	23	083-2v	125
00200	185	0172-4v	137	025-6TT	19	044-6	23	083-3v	125
013-10	19	0172-6v	137	025-6TTx	215	044-6.u	229	083-4v	125
013-2	19	0172-7v	137	025-6x	215	044-6xs	215	092-10v	125
0132-10	19	0172-9v	137	025-7	19	044-7	23	092-11v	125
0132-2	19	017-4v	137	025-9	19	044-9	23	092-12v	125
0132-4	19	017-6v	137	025-9TT	19	045-10	23	0922-10v	125
0132-4TT	19	017-7v	137	0272-4v	137	045-2	23	0922-11v	125
0132-6	19	017-9v	137	0272-6v	137	045-4	23	0922-12v	125
0132-6.u	229	023-10	19	0272-7v	137	045-6	23	0922-2v	125
0132-6TT	19	023-2	19	0272-9v	137	045-6.u	229	0922-3v	125
0132-7	19	0232-10	19	027-4v	137	045-6xs	215	0922-4v	125
0132-9	19	0232-2	19	027-6v	137	045-7	23	092-2v	125
0132961034-500	317	0232-4	19	027-7v	137	045-9	23	092-3v	125
0132-9TT	19	0232-4TT	19	027-9v	137	0473361044-500	317	092-4v	125
013-4	19	0232-6	19	02958	185	05018	185	093-10v	125
013-4TT	19	0232-6.u	229	02961	185	05021	185	093-11v	125
013-6	19,150	0232-6TT	19	02974	185	05034	185	093-12v	125
013-6TT	19	0232-7	19	02980	185	05040	185	0932-10v	125
013-6TTx	215	0232-9	19	033-10	23	0511-s	181	0932-11v	125
013-6x	215	0232-9TT	19	0331-10	23	0512-s	181	0932-12v	125
013-7	19	023-4	19	0331-2	23	05148	185	0932-2v	125
013-9	19	023-4TT	19	0331-4	23	05164	185	0932-3v	125
013-9TT	19	023-6	19	0331-6	23	05177	185	0932-4v	125
014-10	19	023-6TT	19	0331-7	23	05180	185	093-2v	125
014-2	19	023-6TTx	215	0331-9	23	0521-s	181	093-3v	125
0142-10	19	023-6x	215	033-2	23	0522-s	181	093-4v	125
0142-2	19	023-7	19	033-4	23	0531-s	181	093617	171
0142-4	19	023-9	19	033-6	23	0532-s	181	1013-0b	169
0142-4TT	19	023-9TT	19	033-6.u	229	05622-s	188	1013-0s	169
0142-6	19	024-10	19	033-6xs	215	05622-ss	222	1020-0s	169,221
0142-6TT	19	024-2	19	033-7	23	05811-s	181	1020-5s	169,221
0142-7	19	0242-10	19	033-9	23	05812-s	181	1023011	211
0142-9	19	0242-2	19	034-10	23	05821-s	181	1023012	211
0142-9TT	19	0242-3v	146	0341-10	23	05822-s	181	1023031	211
014-4	19	0242-4	19	0341-2	23	05831-s	181	1023-0bs	169
014-4TT	19	0242-4TT	19	0341-4	23	05832-s	181	1025-0r	169
014-6	19	0242-6	19	0341-6	23	0622v	125	1030-0b	169
014-6TT	19	0242-6TT	19	0341-7	23	062v	125	1030-0s	169
014-6TTx	215	0242-7	19	0341-9	23	0632v	125	1036-0s	171
014-6x	215	0242-9	19	034-2	23	063v	125	1037-0s	171
014-7	19	0242-9TT	19	034-4	23	0722v	125	1040-0b	167,299
014-9	19	024-4	19	034-6	23	072v	125	1040-0bc	167
014-9TT	19	024-4TT	19	034-6.u	229	0732v	125	1040-0bs	167,299
015-10	19	024-6	19	034-6xs	215	073v	125	1040-0bsc	167
015-2	19	024-6TT	19	034-7	23	082-10v	125	1040-0s	221
0152-10	19	024-6TTx	215	034-9	23	082-11v	125	1040-0sc	221
0152-2	19	024-6x	215	035-10	23	082-12v	125	104-0b	167
0152-4	19	024-7	19	0351-10	23	0822-10v	125	104-0bc	167
0152-4TT	19	024-9	19	0351-2	23	0822-11v	125	104-0bs	167
0152-6	19	024-9TT	19	0351-4	23	0822-12v	125	104-0bsc	167
0152-6.u	229	025-10	19	0351-6	23	0822-2v	125	104-7b	167
0152-6TT	19	025-2	19	0351-7	23	0822-3v	125	104-7bc	167
0152-7	19	0252-10	19	0351-9	23	08224	185	104-7bs	167
0152-9	19	0252-2	19	035-2	23	0822-4v	125	104-7bsc	167
0152-9TT	19	0252-4	19	035-4	23	082-2v	125	10484-0ws	167
0153-4	21	0252-4TT	19	035-6	23	082-3v	125	104-8b	167
0153-4TT	21	0252-6	19	035-6.u	229	082-4v	125	104-8bc	167
0153-6	21	0252-6.u	229	035-6xs	215	08253	185	104-8bs	167
0153-6TT	21	0252-6TT	19	035-7	23	08266	185	104-8bsc	167
0153-9	21	0252-7	19	035-9	23	08282	185	1050-0b	163,299
0153-9TT	21	0252-9	19	043-10	23	08295	185	1050-0bc	163
015-4	19	0252-9TT	19	043-2	23	083-10v	125	1050-0bs	163,299
015-4TT	19	0253-4	21	043-4	23	083-11v	125	1050-0bsc	163
015-6	19	0253-4TT	21	043-6	23	083-12v	125	1050-0bsw	165
015-6TT	19	0253-6	21	043-6.u	229	0832-10v	125	1050-0bw	165
015-6TTx	215	0253-6TT	21	043-6xs	215	0832-11v	125	1050-0ss	221
015-6x	215	0253-9	21	043-7	23	0832-12v	125	1050-0ssw	221
015-7	19	0253-9TT	21	043-9	23	0832-2v	125	105-0b	163
0157261203-500	317	025-4	19	044-10	23	0832-3v	125	105-0bc	163
015-9	19	025-4TT	19	044-2	23	0832-4v	125	105-0bs	163

Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
105-0bsc	163	1152-9	61	1252-6	61	144-7	65	1922-11v	127
105-0bsw	165	115-2k	61	1252-7	61	144-9	65	1922-12v	127
105-0bw	165	115-4	61	1252-9	61	145-10	65	1922-2v	127
105-7b	163	115-4k	61	125-2k	61	145-2	65	1922-3v	127
105-7bc	163	115-4TT	61	125-4	61	145-4	65	1922-4v	127
105-7bs	163	115-6	61	125-4k	61	145-6	65	192-2v	127
105-7bsc	163	115-6k	61	125-4TT	61	145-7	65	192-3v	127
105-7bw	165	115-6TT	61	125-6	61	145-9	65	192-4v	127
10584-0wsc	163	115-7	61	125-6k	61	1518000	299	193-10v	127
105-8b	163	115-7k	61	125-6TT	61	1518010	299	193-11v	127
105-8bc	163	115-9	61	125-7	61	1518020	299	193-12v	127
105-8bs	163	115-9k	61	125-7k	61	1518030	299	1932-10v	127
105-8bsc	163	115-9TT	61	125-9	61	1518040	299	1932-11v	127
105-8bw	165	1172-4v	143	125-9k	61	1518045	299	1932-12v	127
106-0	171	1172-6v	143	125-9TT	61	1518062	298	1932-2v	127
106-0g	171	1172-7v	143	1272-4v	143	1518063	298	1932-3v	127
108-0b	167	1172-9v	143	1272-6v	143	1518082	298	1932-4v	127
108-0bc	167	117-4v	143	1272-7v	143	1518083	298	193-2v	127
109-0b	163	117-6v	143	1272-9v	143	1518105	299	193-3v	127
109-0bc	163	117-7v	143	127-4v	143	1518132	298	193-4v	127
109-0bw	165	117-9v	143	127-6v	143	1518133	298	19892	320
113-10	61	11om-0e	171	127-7v	143	1518134	299	20051-b	175
113-10k	61	123-10	61	127-9v	143	1518413	299	20051-u	175,235
113-2	61	123-10k	61	12k452-0e	171	1519004	296	201620	199
1132-10	61	123-2	61	133-10	65	1519008	296	20163	51
1132-2	61	1232-10	61	133-2	65	1519012	296	20164	51
1132-4	61	1232-2	61	133-4	65	1519026	296	20165	51
1132-6	61	1232-4	61	133-6	65	1519042	296	20168.u	177,235
1132-7	61	1232-6	61	133-7	65	1622v	127	20168g	177
1132-9	61	1232-7	61	1337-10	65	1627692	305	201803-1000	317
113-2k	61	1232-9	61	1337-2	65	1628028	305	20241-b	175
113-4	61	123-2k	61	1337-4	65	162v	127	20241-bc	175
113-4k	61	123-4	61	1337-6	65	1632v	127	20241-u	175,235
113-4TT	61	123-4k	61	1337-7	65	163v	127	20241-uc	175,235
113-6	61	123-4TT	61	1337-9	65	171402-20	317	20251-b	175
113-6k	61	123-6	61	133-9	65	171403-20	317	20251-bc	175
113-6TT	61	123-6k	61	134-10	65	171406-20	317	20251-u	175,235
113-7	61	123-6TT	61	134-2	65	171409-20	317	20251-uc	175,235
113-7k	61	123-7	61	134-4	65	1722v	127	203234	51
113-9	61	123-7k	61	134-6	65	172v	127	20325	51
113-9k	61	123-9	61	134-7	65	1732v	127	20341-8b	175
113-9TT	61	123-9k	61	1347-10	65	173v	127	20341-8bc	175
114-10	61	123-9TT	61	1347-2	65	1755	84	20341-8u	175,235
114-10k	61	124-10	61	1347-4	65	182-10v	127	20341-8uc	175,235
114-2	61	124-10k	61	1347-6	65	182-11v	127	20341-9b	175
1142-10	61	124-2	61	1347-7	65	182-12v	127	20341-9bc	175
1142-2	61	1242-10	61	1347-9	65	1822-10v	127	20341-9u	175,235
1142-4	61	1242-2	61	134-9	65	1822-11v	127	20341-9uc	175,235
1142-6	61	1242-3v	146	135-10	65	1822-12v	127	20342-8b	177
1142-7	61	1242-4	61	135-2	65	1822-2v	127	20342-8bc	177
1142-9	61	1242-6	61	135-4	65	1822-3v	127	20342-8u	177,235
114-2k	61	1242-7	61	135-6	65	1822-4v	127	20342-8uc	177,235
114-4	61	1242-9	61	135-7	65	182-2v	127	20351-8b	175
114-4k	61	124-2k	61	1357-10	65	182-3v	127	20351-8bc	175
114-4TT	61	124-4	61	1357-2	65	182-4v	127	20351-8u	175,235
114-6	61	124-4k	61	1357-4	65	183-10v	127	20351-8uc	175,235
114-6k	61	124-4TT	61	1357-6	65	183-11v	127	20351-9b	175
114-6TT	61	124-6	61	1357-7	65	183-12v	127	20351-9bc	175
114-7	61	124-6k	61	1357-9	65	1832-10v	127	20351-9u	175,235
114-7k	61	124-6TT	61	135-9	65	1832-11v	127	20351-9uc	175,235
114-9	61	124-7	61	1410000310	324	1832-12v	127	20352-8b	177
114-9k	61	124-7k	61	143-10	65	1832-2v	127	20352-8bc	177
114-9TT	61	124-9	61	143-2	65	1832-3v	127	20352-8u	177,235
115-10	61	124-9k	61	143-4	65	1832-4v	127	20352-8uc	177,235
115-10k	61	124-9TT	61	143-6	65	183-2v	127	210316	199
115-2	61	125-10	61	143-7	65	183-3v	127	210317	199
1152-10	61	125-10k	61	143-9	65	183-4v	127	210318	199
1152-2	61	125-2	61	144-10	65	192-10v	127	210319	199
1152-4	61	1252-10	61	144-2	65	192-11v	127	210336	199
1152-6	61	1252-2	61	144-4	65	192-12v	127	210337	199
1152-7	61	1252-4	61	144-6	65	1922-10v	127	210338	199





Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
210339	199	2172-4v	141	225-6TT	53	24311-s	184	2822-12v	125
2125	84	2172-6v	141	225-6TTx	217	24311-s5	184	2822-2v	125
2129	84	2172-7v	141	225-6x	217	24311-sc	184	2822-3v	125
213-10	53	2172-9v	141	225-7	53	24311-sc5	184	2822-4v	125
213-2	53	217-4v	141	225-9	53	24311-sxs	222	282-2v	125
2132-10	53	217-6v	141	225-9TT	53	24311-sxsc	222	282-3v	125
2132-2	53	217-7v	141	2272-4v	141	243-2	57	282-4v	125
2132-4	53	217-9v	141	2272-6v	141	243-4	57	283-10v	125
2132-4TT	53	223-10	53	2272-7v	141	243-6	57	283-11v	125
2132-6	53	223-2	53	2272-9v	141	243-6.u	229	283-12v	125
2132-6.u	229	2232-10	53	227-4v	141	243-6xs	217	2832-10v	125
2132-6TT	53	2232-2	53	227-6v	141	243-7	57	2832-11v	125
2132-7	53	2232-4	53	227-7v	141	243-9	57	2832-12v	125
2132-9	53	2232-4TT	53	227-9v	141	244-10	57	2832-2v	125
2132-9TT	53	2232-6	53	23201515120	51	244-2	57	2832-3v	125
213-4	53	2232-6.u	229	23251515140	51	244-4	57	2832-4v	125
213-4TT	53	2232-6TT	53	233-10	57	244-6	57	283-2v	125
213-6	53,150	2232-7	53	2331-10	57	244-6.u	229	283-3v	125
213-6TT	53	2232-9	53	2331-2	57	244-6xs	217	283-4v	125
213-6TTx	217	2232-9TT	53	2331-4	57	244-7	57	292-10v	125
213-6x	217	223-4	53	2331-6	57	244-9	57	292-11v	125
213-7	53	223-4TT	53	2331-7	57	245-10	57	292-12v	125
213-9	53	223-6	53	2331-9	57	245-2	57	2922-10v	125
213-9TT	53	223-6TT	53	233-2	57	245-4	57	2922-11v	125
214-10	53	223-6TTx	217	23321515200	51	245-6	57	2922-12v	125
214-2	53	223-6x	217	233-4	57	245-6.u	229	2922-2v	125
2142-10	53	223-7	53	233-6	57	245-6xs	217	2922-3v	125
2142-2	53	223-9	53	233-6.u	229	245-7	57	2922-4v	125
2142-4	53	223-9TT	53	233-6xs	217	245-9	57	292-2v	125
2142-4TT	53	224-10	53	233-7	57	24611-s	188	292-3v	125
2142-6	53	224-2	53	233-9	57	24611-sc	188	292-4v	125
2142-6TT	53	2242-10	53	23401518260	51	24611-ss	222	293-10v	125
2142-7	53	2242-2	53	234-10	57	24611-ssc	222	293-11v	125
2142-9	53	2242-3v	146	2341-10	57	2510-s	182	293-12v	125
2142-9TT	53	2242-4	53	2341-2	57	2510-sc	182	2932-10v	125
214-4	53	2242-4TT	53	2341-4	57	2511-s	182	2932-11v	125
214-4TT	53	2242-6	53	2341-6	57	2511-sc	182	2932-12v	125
214-6	53	2242-6TT	53	2341-7	57	2511-scl	183	2932-2v	125
214-6TT	53	2242-7	53	2341-9	57	2511-sl	183	2932-3v	125
214-6TTx	217	2242-9	53	234-2	57	2520-s	182	2932-4v	125
214-6x	217	2242-9TT	53	234-4	57	25212-r	185	293-2v	125
214-7	53	224-4	53	234-6	57	25212-rc	185	293-3v	125
214-9	53	224-4TT	53	234-6.u	229	2521-s	183	293-4v	125
214-9TT	53	224-6	53	234-6xs	217	2522-s	183	313-10	77
215-10	53	224-6TT	53	234-7	57	25311-s	184	313-10f0	79
215-2	53	224-6TTx	217	234-9	57	25311-s5	184	313-10f5	79
2152-10	53	224-6x	217	23501518310	51	25311-sc	184	313-10f6	79
2152-2	53	224-7	53	235-10	57	253622-s	189	313-10f7	75
2152-4	53	224-9	53	2351-10	57	253622-s5	189	313-10f9	79
2152-4TT	53	224-9TT	53	2351-2	57	253622-sxs	222	313-2	77
2152-6	53	225-10	53	2351-4	57	253642-sxs	222	3132-10	75
2152-6.u	229	225-2	53	2351-6	57	25621-s	188	3132-10f0	79
2152-6TT	53	2252-10	53	2351-7	57	25621-ss	222	3132-10f5	79
2152-7	53	2252-2	53	2351-9	57	25622-s	188	3132-10f6	79
2152-9	53	2252-4	53	235-2	57	25622-ss	222	3132-10f70	77
2152-9TT	53	2252-4TT	53	235-4	57	2563-1	189	3132-10f9	79
2153-4	55	2252-6	53	235-6	57	2622v	125	3132-10TTf70	77
2153-4TT	55	2252-6.u	229	235-6.u	229	262v	125	3132-2	75
2153-6	55	2252-6TT	53	235-6xs	217	2632v	125	3132-2f0	79
2153-6TT	55	2252-7	53	235-7	57	263v	125	3132-2f5	79
2153-9	55	2252-9	53	235-9	57	264015009	51	3132-2f6	79
2153-9TT	55	2252-9TT	53	23631518350	51	265015009	51	3132-2f70	77
215-4	53	2253-4	55	2410-s	182	2722v	125	3132-2f9	79
215-4TT	53	2253-4TT	55	2410-sc	182	272v	125	3132-2TTf70	77
215-6	53	2253-6	55	2411-s	182	2732v	125	3132-4	75
215-6TT	53	2253-6TT	55	2411-sc	182	273v	125	3132-4f0	79
215-6TTx	217	2253-9	55	2411-scl	183	282-10v	125	3132-4f5	79
215-6x	217	2253-9TT	55	2411-sl	183	282-11v	125	3132-4f6	79
215-7	53	225-4	53	24212-r	185	282-12v	125	3132-4f70	77
215-9	53	225-4TT	53	24212-rc	185	2822-10v	125	3132-4f9	79
215-9TT	53	225-6	53	243-10	57	2822-11v	125	3132-4TT	75



Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
3132-4TTf70	77	3142-6	75	315-9f7	75	324-6TTx	217	3331-2fc	81
3132-6	75	3142-6TT	75	315-9TT	77	324-6x	217	3331-4	81
3132-6.u	233	3142-7	75	315-9TTf7	75	324-7	77	3331-4fc	81
3132-6f0	79	3142-9	75	3172-4f70v	143	324-7f7	75	3331-6	81
3132-6f5	79	3142-9TT	75	3172-4v	143	324-9	77	3331-6fc	81
3132-6f6	79	314-2f0	79	3172-6f70v	143	324-9f7	75	3331-7	81
3132-6f70	77	314-2f6	79	3172-6v	143	324-9TT	77	3331-7fc	81
3132-6f9	79	314-2f7	75	3172-7f70v	143	324-9TTf7	75	3331-9	81
3132-6TT	75	314-4	77	3172-7v	143	325-10	77	3331-9fc	81
3132-6TTf70	77	314-4f0	79	3172-9f70v	143	325-10f7	75	333-2	81
3132-7	75	314-4f6	79	3172-9v	143	325-2	77	333-2fc	81
3132-7f0	79	314-4f7	75	317-4f7v	143	3252-10	75	333-4	81
3132-7f5	79	314-4TT	77	317-4v	143	3252-10f70	77	333-4fc	81
3132-7f6	79	314-4TTf7	75	317-6f7v	143	3252-10TTf70	77	333-6	81
3132-7f70	77	314-6	77	317-6v	143	3252-2	75	333-6.u	233
3132-7f9	79	314-6f0	79	317-7f7v	143	3252-2f70	77	333-6fc	81
3132-7TTf70	77	314-6f6	79	317-7v	143	3252-2TTf70	77	333-6xs	219
3132-9	75	314-6f7	75	317-9f7v	143	3252-4	75	333-7	81
3132-9f0	79	314-6TT	77	317-9v	143	3252-4f70	77	333-7fc	81
3132-9f5	79	314-6TTf7	75	323-10	77	3252-4TT	75	333-9	81
3132-9f6	79	314-6TTx	217	323-10f7	75	3252-4TTf70	77	333-9fc	81
3132-9f70	77	314-6x	217	323-2	77	3252-6	75	334-10	81
3132-9f9	79	314-7	77	3232-10	75	3252-6.u	233	334-10fc	81
3132-9TT	75	314-7f0	79	3232-2	75	3252-6f70	77	3341-10	81
3132-9TTf70	77	314-7f6	79	3232-4	75	3252-6TT	75	3341-10fc	81
313-2f0	79	314-7f7	75	3232-4TT	75	3252-6TTf70	77	3341-2	81
313-2f5	79	314-9	77	3232-6	75	3252-7	75	3341-2fc	81
313-2f6	79	314-9f0	79	3232-6.u	233	3252-7f70	77	3341-4	81
313-2f7	75	314-9f6	79	3232-6TT	75	3252-7TTf70	77	3341-4fc	81
313-2f9	79	314-9f7	75	3232-7	75	3252-9	75	3341-6	81
313-4	77	314-9TT	77	3232-9	75	3252-9f70	77	3341-6fc	81
313-4f0	79	314-9TTf7	75	3232-9TT	75	3252-9TT	75	3341-7	81
313-4f5	79	315-10	77	323-2f7	75	3252-9TTf70	77	3341-7fc	81
313-4f6	79	315-10f7	75	323-4	77	325-2f7	75	3341-9	81
313-4f7	75	315-2	77	323-4f7	75	325-4	77	3341-9fc	81
313-4f9	79	3152-10	75	323-4TT	77	325-4f7	75	334-2	81
313-4TT	77	3152-10f70	77	323-4TTf7	75	325-4TT	77	334-2fc	81
313-4TTf7	75	3152-10TTf70	77	323-6	77	325-4TTf7	75	334-4	81
313-6	77	3152-2	75	323-6f7	75	325-6	77	334-4fc	81
313-6f0	79	3152-2f70	77	323-6TT	77	325-6f7	75	334-6	81
313-6f5	79	3152-2TTf70	77	323-6TTf7	75	325-6TT	77	334-6.u	233
313-6f6	79	3152-4	75	323-6TTx	217	325-6TTf7	75	334-6fc	81
313-6f7	75	3152-4f70	77	323-6x	217	325-6TTx	217	334-6xs	219
313-6f9	79	3152-4TT	75	323-7	77	325-6x	217	334-7	81
313-6TT	77	3152-4TTf70	77	323-7f7	75	325-7	77	334-7fc	81
313-6TTf7	75	3152-6	75	323-9	77	325-7f7	75	334-9	81
313-6TTx	217	3152-6.u	233	323-9f7	75	325-9	77	334-9fc	81
313-6x	217	3152-6f70	77	323-9TT	77	325-9f7	75	335-10	81
313-7	77	3152-6TT	75	323-9TTf7	75	325-9TT	77	335-10fc	81
313-7f0	79	3152-6TTf70	77	324-10	77	325-9TTf7	75	3351-10	81
313-7f5	79	3152-7	75	324-10f7	75	3272-4f70v	143	3351-10fc	81
313-7f6	79	3152-7f70	77	324-2	77	3272-4v	143	3351-2	81
313-7f7	75	3152-7TTf70	77	3242-10	75	3272-6f70v	143	3351-2fc	81
313-7f9	79	3152-9	75	3242-2	75	3272-6v	143	3351-4	81
313-9	77	3152-9f70	77	3242-3v	146	3272-7f70v	143	3351-4fc	81
313-9f0	79	3152-9TT	75	3242-4	75	3272-7v	143	3351-6	81
313-9f5	79	3152-9TTf70	77	3242-4TT	75	3272-9f70v	143	3351-6fc	81
313-9f6	79	315-2f7	75	3242-6	75	3272-9v	143	3351-7	81
313-9f7	75	315-4	77	3242-6TT	75	327-4f7v	143	3351-7fc	81
313-9f9	79	315-4f7	75	3242-7	75	327-4v	143	3351-9	81
313-9TT	77	315-4TT	77	3242-9	75	327-6f7v	143	3351-9fc	81
313-9TTf7	75	315-4TTf7	75	3242-9TT	75	327-6v	143	335-2	81
314-10	77	315-6	77	324-2f7	75	327-7f7v	143	335-2fc	81
314-10f0	79	315-6f7	75	324-4	77	327-7v	143	335-4	81
314-10f6	79	315-6TT	77	324-4f7	75	327-9f7v	143	335-4fc	81
314-10f7	75	315-6TTf7	75	324-4TT	77	327-9v	143	335-6	81
314-2	77	315-6TTx	217	324-4TTf7	75	333-10	81	335-6.u	233
3142-10	75	315-6x	217	324-6	77	333-10fc	81	335-6fc	81
3142-2	75	315-7	77	324-6f7	75	3331-10	81	335-6xs	219
3142-4	75	315-7f7	75	324-6TT	77	3331-10fc	81	335-7	81
3142-4TT	75	315-9	77	324-6TTf7	75	3331-2	81	335-7fc	81



Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
335-9	81	382-11f9v	131	383-2f8v	131	393-11f87v	131	4132-4TTf87	91
335-9fc	81	382-11v	131	383-2f9v	131	393-11f8v	131	4132-6	95
343-10	81	382-12f4v	131	383-2v	131	393-11f9v	131	4132-6.u	233
343-2	81	382-12f5v	131	383-3f4v	131	393-11v	131	4132-6f78	89
343-4	81	382-12f87v	131	383-3f5v	131	393-12f4v	131	4132-6f78h	93
343-6	81	382-12f8v	131	383-3f87v	131	393-12f5v	131	4132-6f8	87,299
343-6.u	233	382-12f9v	131	383-3f8v	131	393-12f87v	131	4132-6f87	91
343-6xs	219	382-12v	131	383-3f9v	131	393-12f8v	131	4132-6f8h	93
343-7	81	3822-10f87v	133	383-3v	131	393-12f9v	131	4132-6h	93
343-9	81	3822-10f9v	133	383-4f4v	131	393-12v	131	4132-6TT	95
344-10	81	3822-11f87v	133	383-4f5v	131	3932-10f87v	133	4132-6TTf78	89
344-2	81	3822-11f9v	133	383-4f87v	131	3932-10f9v	133	4132-6TTf8	87
344-4	81	3822-12f87v	133	383-4f8v	131	3932-11f87v	133	4132-6TTf87	91
344-6	81	3822-12f9v	133	383-4f9v	131	3932-11f9v	133	4132-7	95
344-6.u	233	3822-2f87v	133	383-4v	131	3932-12f87v	133	4132-7f78	89
344-6xs	219	3822-2f9v	133	392-10f4v	131	3932-12f9v	133	4132-7f8	87
344-7	81	3822-3f87v	133	392-10f5v	131	3932-2f87v	133	4132-7f87	91
344-9	81	3822-3f9v	133	392-10f87v	131	3932-2f9v	133	4132-7TTf87	91
345-10	81	3822-4f87v	133	392-10f8v	131	3932-3f87v	133	4132-9	95
345-2	81	3822-4f9v	133	392-10f9v	131	3932-3f9v	133	4132-9f78	89
345-4	81	382-2f4v	131	392-10v	131	3932-4f87v	133	4132-9f8	87
345-6	81	382-2f5v	131	392-11f4v	131	3932-4f9v	133	4132-9f87	91
345-6.u	233	382-2f87v	131	392-11f5v	131	393-2f4v	131	4132-9TT	95
345-6xs	219	382-2f8v	131	392-11f87v	131	393-2f5v	131	4132-9TTf78	89
345-7	81	382-2f9v	131	392-11f8v	131	393-2f87v	131	4132-9TTf8	87
345-9	81	382-2v	131	392-11f9v	131	393-2f8v	131	4132-9TTf87	91
352531	199	382-3f4v	131	392-11v	131	393-2f9v	131	413-2f66	93
353642-s	189	382-3f5v	131	392-12f4v	131	393-2v	131	413-2f8	87
3622f87v	133	382-3f87v	131	392-12f5v	131	393-3f4v	131	413-2f87	91
3622f9v	133	382-3f8v	131	392-12f87v	131	393-3f5v	131	413-2f9	95
362f4v	131	382-3f9v	131	392-12f8v	131	393-3f87v	131	413-2TTf66	93
362f5v	131	382-3v	131	392-12f9v	131	393-3f8v	131	413-2TTf87	91
362f87v	131	382-4f4v	131	392-12v	131	393-3f9v	131	413-4	89
362f8v	131	382-4f5v	131	3922-10f87v	133	393-3v	131	413-4f66	93
362f9v	131	382-4f87v	131	3922-10f9v	133	393-4f4v	131	413-4f8	87
362v	131	382-4f8v	131	3922-11f87v	133	393-4f5v	131	413-4f87	91
3632f87v	133	382-4f9v	131	3922-11f9v	133	393-4f87v	131	413-4f9	95
3632f9v	133	382-4v	131	3922-12f87v	133	393-4f8v	131	413-4TT	89
363f4v	131	383-10f4v	131	3922-12f9v	133	393-4f9v	131	413-4TTf66	93
363f5v	131	383-10f5v	131	3922-2f87v	133	393-4v	131	413-4TTf8	87
363f87v	131	383-10f87v	131	3922-2f9v	133	40799001	281	413-4TTf87	91
363f8v	131	383-10f8v	131	3922-3f87v	133	40799002	281	413-4TTf9	95
363f9v	131	383-10f9v	131	3922-3f9v	133	40799003	281	413-6	89
363v	131	383-10v	131	3922-4f87v	133	410725	281	413-6f66	93,151
37004701	83	383-11f4v	131	3922-4f9v	133	410726	281	413-6f66h	93
3722f87v	133	383-11f5v	131	392-2f4v	131	410998	281	413-6f8	87,299
3722f9v	133	383-11f87v	131	392-2f5v	131	413-10	89	413-6f87	91
372f4v	131	383-11f8v	131	392-2f87v	131	413-10f66	93	413-6f8h	93
372f5v	131	383-11f9v	131	392-2f8v	131	413-10f8	87	413-6f8x	219
372f87v	131	383-11v	131	392-2f9v	131	413-10f87	91	413-6f9	95
372f8v	131	383-12f4v	131	392-2v	131	413-10f9	95	413-6f9h	93
372f9v	131	383-12f5v	131	392-3f4v	131	413-10TTf66	93	413-6h	93,150
372v	131	383-12f87v	131	392-3f5v	131	413-10TTf87	91	413-6TT	89
3732f87v	133	383-12f8v	131	392-3f87v	131	413-2	89	413-6TTf66	93
3732f9v	133	383-12f9v	131	392-3f8v	131	4132-10	95	413-6TTf8	87
373f4v	131	383-12v	131	392-3f9v	131	4132-10f78	89	413-6TTf87	91
373f5v	131	3832-10f87v	133	392-3v	131	4132-10f8	87	413-6TTf8x	219
373f87v	131	3832-10f9v	133	392-4f4v	131	4132-10f87	91	413-6TTf9	95
373f8v	131	3832-11f87v	133	392-4f5v	131	4132-10TTf87	91	413-7	89
373f9v	131	3832-11f9v	133	392-4f87v	131	4132-2	95	413-7f66	93
373v	131	3832-12f87v	133	392-4f8v	131	4132-2f78	89	413-7f8	87
382-10f4v	131	3832-12f9v	133	392-4f9v	131	4132-2f8	87	413-7f87	91
382-10f5v	131	3832-2f87v	133	392-4v	131	4132-2f87	91	413-7f9	95
382-10f87v	131	3832-2f9v	133	393-10f4v	131	4132-2TTf87	91	413-7TTf66	93
382-10f8v	131	3832-3f87v	133	393-10f5v	131	4132-4	95	413-7TTf87	91
382-10f9v	131	3832-3f9v	133	393-10f87v	131	4132-4f78	89	413-9	89
382-10v	131	3832-4f87v	133	393-10f8v	131	4132-4f8	87	413-9f66	93
382-11f4v	131	3832-4f9v	133	393-10f9v	131	4132-4f87	91	413-9f8	87
382-11f5v	131	383-2f4v	131	393-10v	131	4132-4TT	95	413-9f87	91
382-11f87v	131	383-2f5v	131	393-11f4v	131	4132-4TTf78	89	413-9f9	95
382-11f8v	131	383-2f87v	131	393-11f5v	131	4132-4TTf8	87	413-9TT	89

Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
413-9TTf66	93	414-7	89	415-9f87	91	4242-9f78	87	433-10fd	97
413-9TTf8	87	414-7f8	87	415-9f9	95	4242-9TT	95	4331-10	97
413-9TTf87	91	414-7f87	91	415-9TT	87	4242-9TTf78	87	4331-10fc	97
413-9TTf9	95	414-7f9	95	415-9TTf87	91	424-2f9	95	4331-10fd	97
414-10	89	414-7TTf87	91	415-9TTf9	95	424-4	87	4331-2	97
414-10f8	87	414-9	89	42164	332	424-4f9	95	4331-2fc	97
414-10f87	91	414-9f8	87	42170	332	424-4TT	87	4331-2fd	97
414-10f9	95	414-9f87	91	42174	332	424-4TTf9	95	4331-4	97
414-10TTf87	91	414-9f9	95	42285	332	424-6	87,299	4331-4fc	97
414-2	89	414-9TT	89	423-10	87	424-6f9	95	4331-4fd	97
4142-10	95	414-9TTf8	87	423-10f9	95	424-6TT	87	4331-6	97
4142-10f78	89	414-9TTf87	91	423-2	87	424-6TTf9	95	4331-6fc	97
4142-10f8	87	414-9TTf9	95	4232-10	95	424-6TTx	219	4331-6fd	97
4142-10f87	91	415-10	87	4232-10f78	87	424-6x	219	4331-7	97
4142-10TTf87	91	415-10f87	91	4232-2	95	424-7	87	4331-7fc	97
4142-2	95	415-10f9	95	4232-2f78	87	424-7f9	95	4331-7fd	97
4142-2f78	89	415-10TTf87	91	4232-4	95	424-9	87	4331-9	97
4142-2f8	87	415-2	87	4232-4f78	87	424-9f9	95	4331-9fc	97
4142-2f87	91	4152-10	95	4232-4TT	95	424-9TT	87	4331-9fd	97
4142-2TTf87	91	4152-10f78	87	4232-4TTf78	87	424-9TTf9	95	433-2	97
4142-4	95	4152-10f87	91	4232-6	95	425-10	87	433-2fc	97
4142-4f78	89	4152-10TTf87	91	4232-6.u	233	425-10f9	95	433-2fd	97
4142-4f8	87	4152-2	95	4232-6f78	87,299	425-2	87	433-4	97
4142-4f87	91	4152-2f78	87	4232-6f78h	93	4252-10	95	433-4fc	97
4142-4TT	95	4152-2f87	91	4232-6h	93	4252-10f78	87	433-4fd	97
4142-4TTf78	89	4152-2TTf87	91	4232-6TT	95	4252-2	95	433-6	97
4142-4TTf8	87	4152-4	95	4232-6TTf78	87	4252-2f78	87	433-6.u	233
4142-4TTf87	91	4152-4f78	87	4232-7	95	4252-4	95	433-6fc	97
4142-6	95	4152-4f87	91	4232-7f78	87	4252-4f78	87	433-6fd	97
4142-6f78	89	4152-4TT	95	4232-9	95	4252-4TT	95	433-6xs	219
4142-6f8	87,299	4152-4TTf78	87	4232-9f78	87	4252-4TTf78	87	433-7	97
4142-6f87	91	4152-4TTf87	91	4232-9TT	95	4252-6	95	433-7fc	97
4142-6TT	95	4152-6	95	4232-9TTf78	87	4252-6.u	233	433-7fd	97
4142-6TTf78	89	4152-6.u	233	423-2f9	95	4252-6f78	87,299	433-9	97
4142-6TTf8	87	4152-6f78	87,299	423-4	87	4252-6TT	95	433-9fc	97
4142-6TTf87	91	4152-6f87	91	423-4f9	95	4252-6TTf78	87	433-9fd	97
4142-7	95	4152-6TT	95	423-4TT	87	4252-7	95	434-10	97
4142-7f78	89	4152-6TTf78	87	423-4TTf9	95	4252-7f78	87	434-10fc	97
4142-7f8	87	4152-6TTf87	91	423-6	87,299	4252-9	95	434-10fd	97
4142-7f87	91	4152-7	95	423-6f9	95	4252-9f78	87	4341-10	97
4142-7TTf87	91	4152-7f78	87	423-6f9h	93	4252-9TT	95	4341-10fc	97
4142-9	95	4152-7f87	91	423-6h	93	4252-9TTf78	87	4341-10fd	97
4142-9f78	89	4152-7TTf87	91	423-6TT	87	425-2f9	95	4341-2	97
4142-9f8	87	4152-9	95	423-6TTf9	95	425-4	87	4341-2fc	97
4142-9f87	91	4152-9f78	87	423-6TTx	219	425-4f9	95	4341-2fd	97
4142-9TT	95	4152-9f87	91	423-6x	219	425-4TT	87	4341-4	97
4142-9TTf78	89	4152-9TT	95	423-7	87	425-4TTf9	95	4341-4fc	97
4142-9TTf8	87	4152-9TTf78	87	423-7f9	95	425-6	87,299	4341-4fd	97
4142-9TTf87	91	4152-9TTf87	91	423-9	87	425-6f9	95	4341-6	97
414-2f8	87	415-2f87	91	423-9f9	95	425-6TT	87	4341-6fc	97
414-2f87	91	415-2f9	95	423-9TT	87	425-6TTf9	95	4341-6fd	97
414-2f9	95	415-2TTf87	91	423-9TTf9	95	425-6TTx	219	4341-7	97
414-2TTf87	91	415-4	87	424-10	87	425-6x	219	4341-7fc	97
414-4	89	415-4f87	91	424-10f9	95	425-7	87	4341-7fd	97
414-4f8	87	415-4f9	95	424-2	87	425-7f9	95	4341-9	97
414-4f87	91	415-4TT	87	4242-10	95	425-9	87	4341-9fc	97
414-4f9	95	415-4TTf87	91	4242-10f78	87	425-9f9	95	4341-9fd	97
414-4TT	89	415-4TTf9	95	4242-2	95	425-9TT	87	434-2	97
414-4TTf8	87	415-6	87,299	4242-2f78	87	425-9TTf9	95	434-2fc	97
414-4TTf87	91	415-6f87	91	4242-3f78v	146	4302420	323	434-2fd	97
414-4TTf9	95	415-6f9	95	4242-4	95	43030201	323	434-4	97
414-6	89	415-6TT	87	4242-4f78	87	4303025	323	434-4fc	97
414-6f8	87,299	415-6TTf87	91	4242-4TT	95	4304010	323	434-4fd	97
414-6f87	91	415-6TTf9	95	4242-4TTf78	87	4304015	323	434-6	97
414-6f8x	219	415-6TTx	219	4242-6	95	4304016	323	434-6.u	233
414-6f9	95	415-6x	219	4242-6f78	87,299	4304017	324	434-6fc	97
414-6TT	89	415-7	87	4242-6TT	95	4304018	324	434-6fd	97
414-6TTf8	87	415-7f87	91	4242-6TTf78	87	4304019	324	434-6xs	219
414-6TTf87	91	415-7f9	95	4242-7	95	4307520	323	434-7	97
414-6TTf8x	219	415-7TTf87	91	4242-7f78	87	433-10	97	434-7fc	97
414-6TTf9	95	415-9	87	4242-9	95	433-10fc	97	434-7fd	97





## Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
434-9	97	445-2	97	5152-7k	29	5252-10k	29	530240631	208
434-9fc	97	445-2fe	97	5152-9k	29	5252-2k	29	53024100	208
434-9fd	97	445-4	97	515-2d	27	5252-4k	29	530241001	208
435-10	97	445-4fe	97	515-2kd	27	5252-6k	29	53024160	208
435-10fc	97	445-6	97	515-4	27	5252-6k.u	231	530241601	208
435-10fd	97	445-6.u	233	515-4d	27	5252-7k	29	53024200	208
4351-10	97	445-6fe	97	515-4kd	27	5252-9k	29	530242001	208
4351-10fc	97	445-6xs	219	515-4TT	27	525-2d	27	53024250	208
4351-10fd	97	445-7	97	515-6	27	525-2kd	27	530242501	208
4351-2	97	445-7fe	97	515-6d	27	525-4	27	53024320	208
4351-2fc	97	445-9	97	515-6kd	27	525-4d	27	530243201	208
4351-2fd	97	445-9fe	97	515-6TT	27	525-4kd	27	53024530	206
4351-4	97	450012	325	515-7	27	525-4TT	27	530245301	206
4351-4fc	97	450020	325	515-7d	27	525-6	27	53024625	206
4351-4fd	97	4670001	193	515-7kd	27	525-6d	27	530246251	206
4351-6	97	4670002	193	515-9	27	525-6kd	27	53025016	208
4351-6fc	97	47365	194	515-9d	27	525-6TT	27	530250161	208
4351-6fd	97	502010001	315	515-9kd	27	525-7	27	53025025	208
4351-7	97	502010005	315	515-9TT	27	525-7d	27	530250251	208
4351-7fc	97	50300027	311	5172-4kv	139	525-7kd	27	53025040	208
4351-7fd	97	50500045	311	5172-6kv	139	525-9	27	530250401	208
4351-9	97	513-10	27	5172-7kv	139	525-9d	27	53025063	208
4351-9fc	97	513-10d	27	5172-9kv	139	525-9kd	27	530250631	208
4351-9fd	97	513-2	27	517-4v	139	525-9TT	27	53025100	208
435-2	97	5132-10k	29	517-6v	139	5272-4kv	139	530251001	208
435-2fc	97	5132-2k	29	517-7v	139	5272-6kv	139	53025160	208
435-2fd	97	5132-4k	29	517-9v	139	5272-7kv	139	530251601	208
435-4	97	5132-6k	29	523-10	27	5272-9kv	139	53025200	208
435-4fc	97	5132-6k.u	231	523-10d	27	527-4v	139	530252001	208
435-4fd	97	5132-7k	29	523-2	27	527-6v	139	53025250	208
435-6	97	5132-9k	29	5232-10k	29	527-7v	139	530252501	208
435-6.u	233	513-2d	27	5232-2k	29	527-9v	139	53025320	208
435-6fc	97	513-4	27	5232-4k	29	53014016	208	530253201	208
435-6fd	97	513-4d	27	5232-6k	29	530140161	208	53025530	206
435-6xs	219	513-4TT	27	5232-6k.u	231	53014025	208	530255301	206
435-7	97	513-6	27	5232-7k	29	530140251	208	53025625	206
435-7fc	97	513-6d	27,150	5232-9k	29	53014040	208	530256251	206
435-7fd	97	513-6TT	27	523-2d	27	530140401	208	533-10	31
435-9	97	513-7	27	523-4	27	53014063	208	533-2	31
435-9fc	97	513-7d	27	523-4d	27	530140631	208	533-4	31
435-9fd	97	513-9	27	523-6	27	53014100	208	533-6	31
443-10	97	513-9d	27	523-6d	27	530141001	208	533-7	31
443-10fe	97	513-9TT	27	523-7	27	53014160	208	533-9	31
443-2	97	51400254	311	523-7d	27	530141601	208	534-10	31
443-2fe	97	514-10	27	523-9	27	53014530	206	534-2	31
443-4	97	514-10d	27	523-9d	27	530145301	206	534-4	31
443-4fe	97	514-2	27	524-10	27	53014610	206	534-6	31
443-6	97	5142-10k	29	524-10d	27	530146101	206	534-7	31
443-6.u	233	5142-2k	29	524-2	27	53015016	208	534-9	31
443-6fe	97	5142-4k	29	5242-10k	29	530150161	208	535-10	31
443-6xs	219	5142-6k	29	5242-2k	29	53015025	208	535-2	31
443-7	97	5142-7k	29	5242-4k	29	530150251	208	535-4	31
443-7fe	97	5142-9k	29	5242-6k	29	53015040	208	535-6	31
443-9	97	514-2d	27	5242-7k	29	530150401	208	535-7	31
443-9fe	97	514-4	27	5242-9k	29	53015063	208	535-9	31
444-10	97	514-4d	27	524-2d	27	530150631	208	537140163	208
444-10fe	97	514-6	27	524-4	27	53015100	208	537140253	208
444-2	97	514-6d	27	524-4d	27	530151001	208	537140403	208
444-2fe	97	514-7	27	524-4TT	27	53015160	208	537140633	208
444-4	97	514-7d	27	524-6	27	530151601	208	537141003	208
444-4fe	97	514-9	27	524-6d	27	53015530	206	537141603	208
444-6	97	514-9d	27	524-6TT	27	530155301	206	53714530	206
444-6.u	233	515-10	27	524-7	27	53015610	206	537145301	206
444-6fe	97	515-10d	27	524-7d	27	530156101	206	537145303	206
444-6xs	219	515-10kd	27	524-9	27	53024016	208	537150163	208
444-7	97	515-2	27	524-9d	27	530240161	208	537150253	208
444-7fe	97	5152-10k	29	524-9TT	27	53024025	208	537150403	208
444-9	97	5152-2k	29	525-10	27	530240251	208	537150633	208
444-9fe	97	5152-4k	29	525-10d	27	53024040	208	537151003	208
445-10	97	5152-6k	29	525-10kd	27	530240401	208	537151603	208
445-10fe	97	5152-6k.u	231	525-2	27	53024063	208	53715530	206

Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
537155301	206	540242001	208	547241003	208	583-2v	127	6024-9	107
537155303	206	54024250	208	547241603	208	583-3v	127	60252-4	107
537240163	208	540242501	208	547242003	208	583-4v	127	60252-6	107
537240253	208	54024320	208	547242503	208	587150163	209	60252-7	107
537240403	208	540243201	208	547243203	208	587150253	209	60252-9	107
537240633	208	54024530	206	54724530	206	587150403	209	6025-4	107
537241003	208	540245301	206	547245301	206	587150633	209	6025-6	107
537241603	208	54024625	206	547245303	206	587151003	209	6025-7	107
537242003	208	540246251	206	547250163	208	587151603	209	6025-9	107
537242503	208	54025016	208	547250253	208	587250163	209	60667001	313
537243203	208	540250161	208	547250403	208	587250253	209	60997012	313
53724530	206	54025025	208	547250633	208	587250403	209	61132-4	109
537245303	206	540250251	208	547251003	208	587250633	209	61132-4k	109
537250163	208	54025040	208	547251603	208	587251003	209	61132-6	109
537250253	208	540250401	208	547252003	208	587251603	209	61132-6k	109
537250403	208	54025063	208	547252503	208	587252003	209	61132-7	109
537250633	208	540250631	208	547253203	208	587252503	209	61132-7k	109
537251003	208	54025100	208	54725530	206	587253203	209	61132-9	109
537251603	208	540251001	208	547255301	206	592-10v	127	61132-9k	109
537252003	208	54025160	208	547255303	206	592-11v	127	6113-4	109
537252503	208	540251601	208	5571501000	210	592-12v	127	6113-4k	109
537252503	208	54025200	208	5571501600	210	592-2v	127	6113-6	109
537253203	208	540252001	208	5571502400	210	592-3v	127	6113-6k	109
53725530	206	54025250	208	5571506000	210	592-4v	127	6113-7	109
537255301	206	540252501	208	5571510000	210	593-10v	127	6113-7k	109
537255303	206	54025320	208	5571512000	210	593-11v	127	6113-9	109
54014016	208	540253201	208	5571516000	210	593-12v	127	6113-9k	109
540140161	208	54025530	206	5572510000	210	593-2v	127	61142-4	109
54014025	208	540255301	206	5572512000	210	593-3v	127	61142-4k	109
540140251	208	54025625	206	5572516000	210	593-4v	127	61142-6	109
54014040	208	540256251	206	56101500	202	598053	281	61142-6k	109
540140401	208	543-10	31	56103000	202	60132-4	107	61142-7	109
54014063	208	543-2	31	56103001	202	60132-6	107	61142-7k	109
540140631	208	543-4	31	56104000	202	60132-7	107	61142-9	109
54014100	208	543-6	31	56104001	202	60132-9	107	61142-9k	109
540141001	208	543-7	31	561040C2001	204	6013-4	107	6114-4	109
54014160	208	543-9	31	561040C2003	205	6013-6	107	6114-4k	109
540141601	208	544-10	31	561040C3001	204	6013-7	107	6114-6	109
54014530	206	544-2	31	561040C3003	205	6013-9	107	6114-6k	109
540145301	206	544-4	31	56106000	202	60142-4	107	6114-7	109
54014610	206	544-6	31	561060C2001	204	60142-6	107	6114-7k	109
540146101	206	544-7	31	561060C2003	205	60142-7	107	6114-9	109
54015016	208	544-9	31	561060C3001	204	60142-9	107	6114-9k	109
540150161	208	545-10	31	561060C3003	205	6014-4	107	61152-4	109
54015025	208	545-2	31	56108000	202	6014-6	107	61152-4k	109
540150251	208	545-4	31	561080C2001	204	6014-7	107	61152-6	109
54015040	208	545-6	31	561080C2003	205	6014-9	107	61152-6k	109
540150401	208	545-7	31	561080C3001	204	60152-4	107	61152-7	109
54015063	208	545-9	31	561080C3003	205	60152-6	107	61152-7k	109
540150631	208	547140163	208	56110004	203	60152-7	107	61152-9	109
54015100	208	547140253	208	561100C2001	204	60152-9	107	61152-9k	109
540151001	208	547140403	208	561100C2003	205	6015-4	107	6115-4	109
54015160	208	547140633	208	561100C3001	204	6015-6	107	6115-4k	109
540151601	208	547141003	208	561100C3003	205	6015-7	107	6115-6	109
54015530	206	547141603	208	56112004	203	6015-9	107	6115-6k	109
540155301	206	54714530	206	56114004	203	60232-4	107	6115-7	109
54015610	206	547145301	206	56115004	203	60232-6	107	6115-7k	109
540156101	206	547145303	206	56116004	203	60232-7	107	6115-9	109
54024016	208	547150163	208	562v	127	60232-9	107	6115-9k	109
540240161	208	547150253	208	563v	127	6023-4	107	61232-4	109
54024025	208	547150403	208	572v	127	6023-6	107	61232-4k	109
540240251	208	547150633	208	573v	127	6023-7	107	61232-6	109
54024040	208	547151003	208	582-10v	127	6023-9	107	61232-6k	109
540240401	208	547151603	208	582-11v	127	60242-3	107	61232-7	109
54024063	208	54715530	206	582-12v	127	60242-4	107	61232-7k	109
540240631	208	547155301	206	582-2v	127	60242-6	107	61232-9	109
54024100	208	547155303	206	582-3v	127	60242-7	107	61232-9k	109
540241001	208	547240163	208	582-4v	127	60242-9	107	6123-4	109
54024160	208	547240253	208	583-10v	127	6024-4	107	6123-4k	109
540241601	208	547240403	208	583-11v	127	6024-6	107	6123-6	109
54024200	208	547240633	208	583-12v	127	6024-7	107	6123-6k	109





Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
6123-7	109	61400255	311	617-7f7v	139	6272-9v	139	667109-1/3	318
6123-7k	109	61407322	311	617-7v	139	627-4f7v	139	667109-1/6	318
6123-9	109	614-10	35	617-9f7v	139	627-4v	139	667109-1/9	318
6123-9k	109	614-10f3	35	617-9v	139	627-6f7v	139	667109-2/3	318
61242-3	109	614-10f6	35	623-10	35	627-6v	139	667109-3/2	318
61242-3k	109	614-2	35	623-2	35	627-7f7v	139	667109-50	317
61242-4	109	6142-10	37	6232-10	37	627-7v	139	667119-1/6	318
61242-4k	109	6142-2	37	6232-2	37	627-9f7v	139	667119-2/6	318
61242-6	109	6142-4	37	6232-4	37	627-9v	139	667119-2/9	318
61242-6k	109	6142-6	37	6232-6	37	633-10	41	667119-3/2	318
61242-7	109	6142-7	37	6232-6.u	231	6331-10k	41	667119-3/3	318
61242-7k	109	6142-9	37	6232-7	37	6331-2k	41	667119-5/2	318
61242-9	109	614-2f3	35	6232-9	37	6331-4k	41	667119-5/3	318
61242-9k	109	614-2f6	35	623-4	35	6331-6k	41	667119-50	317
6124-4	109	614-4	35	623-6	35	6331-7k	41	667235-50	317
6124-4k	109	614-4f3	35	623-6x	215	6331-9k	41	667255-50	317
6124-6	109	614-4f6	35	623-7	35	633-2	41	667307-50	317
6124-6k	109	614-6	35	623-9	35	633-4	41	667316-50	317
6124-7	109	614-6f3	35	624-10	35	633-6	41	667334-50	317
6124-7k	109	614-6f6	35	624-2	35	633-6.u	231	667407-50	317
6124-9	109	614-6x	215	6242-10	37	633-7	41	667416-50	317
6124-9k	109	614-7	35	6242-2	37	633-9	41	667434-50	317
61252-4	109	614-7f3	35	6242-4	37	634-10	41	672v	127
61252-4k	109	614-7f6	35	6242-4TT	37	6341-10k	41	673v	127
61252-6	109	614-9	35	6242-6	37	6341-2k	41	682-10v	127
61252-6k	109	614-9f3	35	6242-6TT	37	6341-4k	41	682-11v	127
61252-7	109	614-9f6	35	6242-7	37	6341-6k	41	682-12v	127
61252-7k	109	615-10	35	6242-9	37	6341-7k	41	682-2v	127
61252-9	109	615-10f6	35	6242-9TT	37	6341-9k	41	682-3v	127
61252-9k	109	615-10f7	37	624-4	35	634-2	41	682-4v	127
6125-4	109	615-2	35	624-4TT	35	634-4	41	683-10v	127
6125-4k	109	6152-10	37	624-6	35	634-6	41	683-11v	127
6125-6	109	6152-2	37	624-6TT	35	634-6.u	231	683-12v	127
6125-6k	109	6152-4	37	624-6TTx	215	634-7	41	683-2v	127
6125-7	109	6152-4TT	37	624-6x	215	634-9	41	683-3v	127
6125-7k	109	6152-6	37	624-7	35	635-10	41	683-4v	127
6125-9	109	6152-6.u	231	624-9	35	6351-10k	41	692-10v	127
6125-9k	109	6152-6TT	37	624-9TT	35	6351-2k	41	692-11v	127
613-10	35	6152-7	37	625-10	35	6351-4k	41	692-12v	127
613-10f3	35	6152-9	37	625-10f7	37	6351-6k	41	692-2v	127
613-10f6	35	6152-9TT	37	625-2	35	6351-7k	41	692-3v	127
613-2	35	615-2f6	35	6252-10	37	6351-9k	41	692-4v	127
6132-10	37	615-2f7	37	6252-2	37	635-2	41	693-10v	127
6132-2	37	615-4	35	6252-4	37	635-4	41	693-11v	127
6132-4	37	615-4f6	35	6252-4TT	37	635-6	41	693-12v	127
6132-4TT	37	615-4f7	37	6252-6	37	635-6.u	231	693-2v	127
6132-6	37	615-4TT	35	6252-6.u	231	635-7	41	693-3v	127
6132-6.u	231	615-4TTf7	37	6252-6TT	37	635-9	41	693-4v	127
6132-6TT	37	615-6	35	6252-7	37	643-10	41	70015	324
6132-7	37	615-6f6	35	6252-9	37	643-2	41	70019	324
6132-9	37	615-6f7	37	6252-9TT	37	643-4	41	70142-6	45
6132-9TT	37	615-6TT	35	625-2f7	37	643-6	41	70142-9	45
613-2f3	35	615-6TTf7	37	625-4	35	643-6.u	231	7014-6	45
613-2f6	35	615-6TTx	215	625-4f7	37	643-7	41	7014-9	45
613-4	35	615-6x	215	625-4TT	35	643-9	41	70152-6	45
613-4f3	35	615-7	35	625-4TTf7	37	644-10	41	70153-6	45
613-4f6	35	615-7f6	35	625-6	35	644-2	41	70153-6TT	45
613-4TT	35	615-7f7	37	625-6f7	37	644-4	41	7015-6	45
613-6	35	615-9	35	625-6TT	35	644-6	41	7015-6TT	45
613-6f3	35	615-9f6	35	625-6TTf7	37	644-6.u	231	70242-6	45
613-6f6	35	615-9f7	37	625-6TTx	215	644-7	41	70242-9	45
613-6TT	35	615-9TT	35	625-6x	215	644-9	41	7024-6	45
613-6TTx	215	615-9TTf7	37	625-7	35	645-10	41	7024-9	45
613-6x	215	6172-4v	139	625-7f7	37	645-2	41	70252-6	45
613-7	35	6172-6v	139	625-9	35	645-4	41	70253-6	45
613-7f3	35	6172-7v	139	625-9f7	37	645-6	41	70253-6TT	45
613-7f6	35	6172-9v	139	625-9TT	35	645-6.u	231	7025-6	45
613-9	35	617-4f7v	139	625-9TTf7	37	645-7	41	7025-6TT	45
613-9f3	35	617-4v	139	6272-4v	139	645-9	41	71163062	50
613-9f6	35	617-6f7v	139	6272-6v	139	662v	127	711632	50
613-9TT	35	617-6v	139	6272-7v	139	663v	127	711633	50

Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
71407323	311	75142-4	113	75253-7	63	76332-4	119	777152-9	39
7163125	50	75142-6	113	75253-9	63	76332-6	119	777152-9TT	39
730010	325	75142-7	113	7525-4	113	76332-7	119	77715-4	39
733-10	43	75142-9	113	7525-6	113	76332-9	119	77715-4TT	39
733-2	43	75143-4	63	7525-7	113	76342-4	119	77715-6	39
733-4	43	75143-6	63	7525-9	113	76342-6	119	77715-6TT	39
733-6	43	75143-7	63	75332-4	115	76342-7	119	77715-7	39
733-7	43	75143-9	63	75332-6	115	76342-9	119	77715-9	39
733-9	43	7514-4	113	75332-7	115	76352-4	119	77715-9TT	39
734-10	43	7514-6	113	75332-9	115	76352-6	119	77723-10	39
734-2	43	7514-7	113	75342-4	115	76352-7	119	77723-2	39
734-4	43	7514-9	113	75342-6	115	76352-9	119	777232-10	39
734-6	43	751523-4	63	75342-7	115	77152-6k	47	777232-2	39
734-7	43	751523-6	63	75342-9	115	7715-6	47	777232-4	39
734-9	43	751523-7	63	75352-4	115	7715-6d	47	777232-4TT	39
735-10	43	751523-9	63	75352-6	115	77242-6k	47	777232-6	39
735-2	43	75152-4	113	75352-7	115	77242-9k	47	777232-6.u	231
735-4	43	75152-6	113	75352-9	115	7724-6	47	777232-6TT	39
735-6	43	75152-7	113	75615-6	29	7724-6d	47	777232-7	39
735-7	43	75152-9	113	75625-6	29	7724-9	47	777232-9	39
735-9	43	75153-4	63	75915-6	67	7724-9d	47	777232-9TT	39
740010	325	75153-6	63	75925-6	67	77252-6k	47	77723-4	39
74142-6	49	75153-7	63	76132-4	119	7725-6	47	77723-4TT	39
74142-9	49	75153-9	63	76132-6	119	7725-6d	47	77723-6	39
7414-6	49	7515-4	113	76132-7	119	77713-10	39	77723-6TT	39
7414-9	49	7515-6	113	76132-9	119	77713-2	39	77723-7	39
74152-6	49	7515-7	113	7613-4	119	777132-10	39	77723-9	39
7415-6	49	7515-9	113	7613-6	119	777132-2	39	77723-9TT	39
74242-6	49	752323-4	63	7613-7	119	777132-4	39	77724-10	39
7424-6	49	752323-6	63	7613-9	119	777132-4TT	39	77724-2	39
7424-9	49	752323-7	63	76142-4	119	777132-6	39	777242-10	39
74252-6	49	752323-9	63	76142-6	119	777132-6.u	231	777242-2	39
7425-6	49	75232-4	113	76142-7	119	777132-6TT	39	777242-4	39
743-10	43	75232-6	113	76142-9	119	777132-7	39	777242-4TT	39
743-2	43	75232-7	113	7614-4	119	777132-9	39	777242-6	39
743-4	43	75232-9	113	7614-6	119	777132-9TT	39	777242-6TT	39
743-6	43	75233-4	63	7614-7	119	77713-4	39	777242-7	39
743-7	43	75233-6	63	7614-9	119	77713-4TT	39	777242-9	39
743-9	43	75233-7	63	76152-4	119	77713-6	39	777242-9TT	39
744-10	43	75233-9	63	76152-6	119	77713-6TT	39	77724-4	39
744-2	43	7523-4	113	76152-7	119	77713-7	39	77724-4TT	39
744-4	43	7523-6	113	76152-9	119	77713-9	39	77724-6	39
744-6	43	7523-7	113	7615-4	119	77713-9TT	39	77724-6TT	39
744-7	43	7523-9	113	7615-6	119	77714-10	39	77724-7	39
744-9	43	75242-3	113,147	7615-7	119	77714-2	39	77724-9	39
745-10	43	752423-4	63	7615-9	119	777142-10	39	77724-9TT	39
745-2	43	752423-6	63	76232-4	119	777142-2	39	77725-10	39
745-4	43	752423-7	63	76232-6	119	777142-4	39	77725-2	39
745-6	43	752423-9	63	76232-7	119	777142-4TT	39	777252-10	39
745-7	43	75242-4	113	76232-9	119	777142-6	39	777252-2	39
745-9	43	75242-6	113	7623-4	119	777142-6TT	39	777252-4	39
751323-4	63	75242-7	113	7623-6	119	777142-7	39	777252-4TT	39
751323-6	63	75242-9	113	7623-7	119	777142-9	39	777252-6	39
751323-7	63	75243-4	63	7623-9	119	777142-9TT	39	777252-6.u	231
751323-9	63	75243-6	63	76242-3	119,147	77714-4	39	777252-6TT	39
75132-4	113	75243-7	63	76242-4	119	77714-4TT	39	777252-7	39
75132-6	113	75243-9	63	76242-6	119	77714-6	39	777252-9	39
75132-7	113	7524-4	113	76242-7	119	77714-6TT	39	777252-9TT	39
75132-9	113	7524-6	113	76242-9	119	77714-7	39	77725-4	39
75133-4	63	7524-7	113	7624-4	119	77714-9	39	77725-4TT	39
75133-6	63	7524-9	113	7624-6	119	77714-9TT	39	77725-6	39
75133-7	63	752523-4	63	7624-7	119	77715-10	39	77725-6TT	39
75133-9	63	752523-6	63	7624-9	119	77715-2	39	77725-7	39
7513-4	113	752523-7	63	76252-4	119	777152-10	39	77725-9	39
7513-6	113	752523-9	63	76252-6	119	777152-2	39	77725-9TT	39
7513-7	113	75252-4	113	76252-7	119	777152-4	39	77733-10	43
7513-9	113	75252-6	113	76252-9	119	777152-4TT	39	77733-10k	43
751423-4	63	75252-7	113	7625-4	119	777152-6	39	77733-2	43
751423-6	63	75252-9	113	7625-6	119	777152-6.u	231	77733-2k	43
751423-7	63	75253-4	63	7625-7	119	777152-6TT	39	77733-4	43
751423-9	63	75253-6	63	7625-9	119	777152-7	39	77733-4k	43



Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
77733-6	43	7823-6	121	8015-4	25	8025-9	25	865-9v	101
77733-6k	43	7823-7	121	8015-4TT	25	8025-9TT	25	875-4v	101
77733-7	43	7823-9	121	8015-6	25	80272-4v	137	875-6v	101
77733-7k	43	78242-3	121,147	8015-6TT	25	80272-6v	137	875-9v	101
77733-9	43	78242-4	121	8015-7	25	80272-7v	137	88300	102
77733-9k	43	78242-6	121	8015-9	25	80272-9v	137	8830v	101
77734-10	43	78242-7	121	8015-9TT	25	8027-4v	137	883-4v	101
77734-10k	43	78242-9	121	80172-4v	137	8027-6v	137	883-6v	101
77734-2	43	7824-4	121	80172-6v	137	8027-7v	137	883-9v	101
77734-2k	43	7824-6	121	80172-7v	137	8027-9v	137	884-4v	101
77734-4	43	7824-7	121	80172-9v	137	80400	83	884-6v	101
77734-4k	43	7824-9	121	8017-4v	137	80413-6	83	884-9v	101
77734-6	43	78252-4	121	8017-6v	137	80414-6	83	885-4v	101
77734-6k	43	78252-6	121	8017-7v	137	80415-6	83	885-6v	101
77734-7	43	78252-7	121	8017-9v	137	80800072	311	885-9v	101
77734-7k	43	78252-9	121	80200	83	810-00	74	8935096-p	331
77734-9	43	7825-4	121	80213-6	83	81315-6	83	8935097-p	330
77734-9k	43	7825-6	121	80214-6	83	81325-6	83	895-4v	101
77735-10	43	7825-7	121	80215-6	83	8213-6	150	895-6v	101
77735-10k	43	7825-9	121	8023-10	25	82172-4v	141	895-9v	101
77735-2	43	80000	83	8023-2	25	82172-6v	141	9004001-p	285
77735-2k	43	80013-6	83	80232-10	25	82172-7v	141	9004002-p	285
77735-4	43	80014-6	83	80232-2	25	82172-9v	141	9004004-p	285
77735-4k	43	80015-6	83	80232-4	25	8217-4v	141	9004006-p	285
77735-6	43	8013-10	25	80232-4TT	25	8217-6v	141	9004012-p	285
77735-6k	43	8013-2	25	80232-6	25	8217-7v	141	900404	285
77735-7	43	80132-10	25	80232-6TT	25	8217-9v	141	900602	320
77735-7k	43	80132-2	25	80232-7	25	82272-4v	141	900602s	225
77735-9	43	80132-4	25	80232-9	25	82272-6v	141	900604	320
77735-9k	43	80132-4TT	25	80232-9TT	25	82272-7v	141	900604s	225
778142-6	49	80132-6	25	8023-4	25	82272-9v	141	900605	320
778142-9	49	80132-6TT	25	8023-4TT	25	8227-4v	141	900605s	225
77814-6	49	80132-7	25	8023-6	25	8227-6v	141	900606	320
77814-9	49	80132-9	25	8023-6TT	25	8227-7v	141	900606s	225
778152-6	49	80132-9TT	25	8023-7	25	8227-9v	141	900607	320
77815-6	49	8013-4	25	8023-9	25	8430v	101	900607s	225
778242-6	49	8013-4TT	25	8023-9TT	25	843-4v	101	900608	320
778242-9	49	8013-6	25	8024-10	25	843-6v	101	900608s	225
77824-6	49	8013-6TT	25	8024-2	25	843-9v	101	900609	320
77824-9	49	8013-7	25	80242-10	25	844-4v	101	900609s	225
778252-6	49	8013-9	25	80242-2	25	844-6v	101	900610	320
77825-6	49	8013-9TT	25	80242-4	25	844-9v	101	900610s	225
78132-4	121	8014-10	25	80242-4TT	25	845-4v	101	900612	320
78132-6	121	8014-2	25	80242-6	25	845-6v	101	900612s	225
78132-7	121	80142-10	25	80242-6TT	25	845-9v	101	900613	320
78132-9	121	80142-2	25	80242-7	25	85200	333	900613s	225
7813-4	121	80142-4	25	80242-9	25	85200BLK	333	900618	320
7813-6	121	80142-4TT	25	80242-9TT	25	853009286	225	900618s	225
7813-7	121	80142-6	25	8024-4	25	854009285	225	9006504	321
7813-9	121	80142-6TT	25	8024-4TT	25	855-4v	101	9006504s	225
78142-4	121	80142-7	25	8024-6	25	855-6v	101	9006506	321
78142-6	121	80142-9	25	8024-6TT	25	855-9v	101	9006506s	225
78142-7	121	80142-9TT	25	8024-7	25	86152-6	47	9006507	321
78142-9	121	8014-4	25	8024-7	25	8615-6	47	9006507s	225
7814-4	121	8014-4TT	25	8024-9	25	86242-6	47	9006508	321
7814-6	121	8014-6	25	8024-9TT	25	86242-9	47	9006508s	225
7814-7	121	8014-6TT	25	8025-10	25	8624-6	47	9006509	321
7814-9	121	8014-7	25	8025-2	25	8624-9	47	9006509s	225
78152-4	121	8014-9	25	80252-10	25	86252-6	47	9006510	321
78152-6	121	8014-9TT	25	80252-2	25	8625-6	47	9006510s	225
78152-7	121	8015-10	25	80252-4	25	86300	103	9006511	321
78152-9	121	8015-2	25	80252-4TT	25	86300g	103	9006511s	225
7815-4	121	80152-10	25	80252-6	25	8630v	101	9006512	321
7815-6	121	80152-2	25	80252-6TT	25	863-4v	101	9006512s	225
7815-7	121	80152-4	25	80252-7	25	863-6v	101	9006513	321
7815-9	121	80152-4TT	25	80252-9	25	863-9v	101	9006513s	225
78232-4	121	80152-6	25	80252-9TT	25	864-4v	101	9006514	321
78232-6	121	80152-6TT	25	8025-4	25	864-6v	101	9006514s	225
78232-7	121	80152-7	25	8025-4TT	25	864-9v	101	9006518	321
78232-9	121	80152-7	25	8025-6	25	865-4v	101	9006518s	225
78232-9	121	80152-9	25	8025-6TT	25	865-6v	101	9007	151
7823-4	121	80152-9TT	25	8025-7	25				



Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
900726	151	9034002	290	914-10w	63	9217090	245	9250016-p	328
9009	151	9034003	290	914-2	63	9217100	245	9250018-p	329
901025	103	9034004	290	914-2w	63	9217102	245	9250019-p	329
901026	103	9034005	290	914-4	63	9217134	245	9250020-p	329
9013022	284	9034006	290	914-4w	63	9218090	246	9250021-p	329
9013024	306	9034007	290	914-6	63	9218145	246	9250022-p	329
9013031	261	9034009	290	914-6w	63	9223-6	67	9250023-p	328
9013039	261	9034011	290	914-7	63	9223-6f	69	9250024-p	328
9014010	284	9034030	291	914-7w	63	9223-6fw	69	9250025-p	328
9014120	261	9034031	291	914-9	63	9223-6w	67	9250026-p	329
9017009	263	9034032	291	914-9w	63	9224-6	67	9250027-p	193
9017037	263	9034033	291	915-10	63	9224-6f	69	9250029-p	328
9017050	284	9034050	291	915-10w	63	9224-6fw	69	9250033-p	329
9017101	263	9034052	291	915-2	63	9224-6w	67	9250034-p	329
9017115	284	9034053	291	915-2w	63	9224-9	67	9250035-p	329
9018012	262	9034055	291	915-4	63	9224-9f	69	925004	328
9018088	262	9081001	308	915-4w	63	9224-9fw	69	925006	328
9018112	262	9081002	308	915-6	63	9224-9w	67	9250121-p	329
9018114	262	9081003	308	915-6w	63	9225-6	67	9250156-p	328
9018161	262	9081802	308	915-7	63	9225-6f	69	9250998-p	328
9018164	262	9082001	309	915-7w	63	9225-6fw	69	925-10	63
9021	102	9082002	309	915-9	63	9225-6w	67	925-10w	63
9021g	102	9082003	309	915-9w	63	9226961	198	925-2	63
9022	102	90992198	265	917-4v	143	9227142	244	925-2w	63
9022g	102	9130005	286	917-6v	143	92271649	224	925-4	63
9025162	257	9130006	286	917-7v	143	92272001	244	925-4w	63
9025231	257	9130007	287	917-9v	143	92272488	244	925-6	63
9025512	257	9130008	287	9213-6	67	9227354	244	925-6w	63
9025521	257	9130012	286	9213-6f	69	9227746	244	925-7	63
9025575	257	9130074	286	9213-6fw	69	923-10	63	925-7w	63
9025587	257	9130080	287	9213-6w	67	923-10w	63	925-9	63
9025612	257	9130100	195	9214-6	67	923-2	63	925-9w	63
9028086	256	9130154	286	9214-6f	69	923-2w	63	927-4v	143
9028738	256	9130374	287	9214-6fw	69	923-4	63	927-6v	143
9028883	256	913-10	63	9214-6w	67	923-4w	63	927-7v	143
9029070	256	913-10w	63	9214-9	67	923-6	63	927-9v	143
9029074	256	913-2	63	9214-9f	69	923-6w	63	9350001-p	193
9029100	117	913-2w	63	9214-9fw	69	923-7	63	9350004-p	331
9029541	256	913-4	63	9214-9w	67	923-7w	63	9350005-p	331
903	102	9134029	260	9215-6	67	923-9	63	9350008-p	331
9030004	289	9134124	284	9215-6f	69	923-9w	63	9350009-p	330
9030010	288	9134194	260	9215-6fw	69	92401543	224	9350015-p	330
9030014	288	9134227	260	9215-6w	67	92401633	243	9350017-p	331
9030020	289	9134248	306	9216011	275	92402427	243	9350022-p	331
9030030	289	9134518	284	9216027	247	9240539	243	9350042-p	331
9030040	289	9134520	260	9216051	275	9240544	243	9350132-p	330
9030109	288	9134532	284	9216052	275	9240862	243	9350142-p	330
9030117	288	913-4w	63	9216066	275	924-10	63	9350145-p	330
9030119	288	9135110	259	9216111	247	924-10w	63	9350146-p	330
9030129	288	9135112	258	9216140	247	924-2	63	9350147-p	330
9030204	289	9135114	258	9216150	276	924-2w	63	9350150-p	330
9030206	289	9135123	258	9216210	211	924-4	63	9350151-p	330
9033001	302	9135136	258	9216211	211	924-4w	63	9350153-p	330
9033002	302	9135151	259	9216212	211	924-6	63	9350154-p	330
9033003	302	9135153	259	9216231	247	924-6w	63	9350155-p	330
9033004	302	9135417	259	9216236	247	924-7	63	9350156-p	330
9033005	302	9135421	259	9216237	247	924-7w	63	9350157-p	330
9033006	302	9135510	259	9216423	278	924-9	63	9350159-p	330
9033007	302	9135511	258	9216427	247	924-9w	63	9350160-p	330
9033008	302	9135512	258	9216440	278	9250001-p	329	9350161-p	330
9033030	303	9135523	259	9216451	278	9250002-p	328	9350162-p	330
9033031	303	9135551	259	9216452	278	9250004-p	328	9350163-p	330
9033032	303	9135552	259	9216453	277	9250005-p	328	9350164-p	330
9033050	303	9135653	259	9216631	198	9250006-p	328	9350165-p	330
9033051	303	913-6	63	9216635	198	9250007-p	328	9350167-p	330
9033052	303	913-6w	63	9216645	198	9250008-p	329	9350180-p	331
9033053	303	913-7	63	9217001	245	9250009-p	329	9350189-p	331
9033071	303	913-7w	63	9217005	245	925001	328	9350193-p	331
9033073	303	913-9	63	9217035	245	9250010-p	329	9350196-p	330
9033-1	303	913-9w	63	9217041	245	9250012-p	329	9350202-p	330
9034001	290	914-10	63	9217055	245	9250013-p	328	9350212-p	331



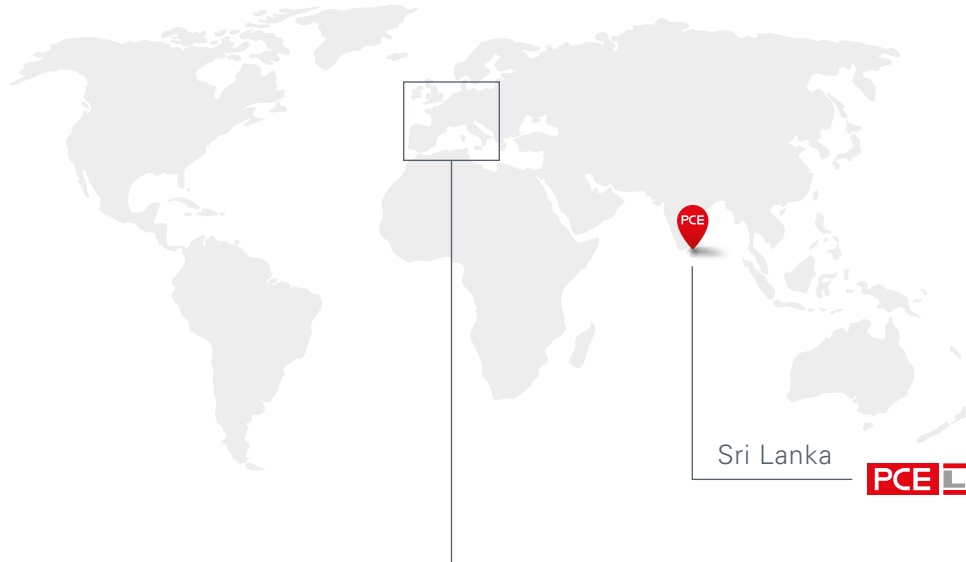
Index by product catalog number

Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page	Cat.No.	Page
9350235-p	331	9437413	293	9513-2	29	96061450	71	tm6880s	84
9350245-p	331	9437420	198	9513-4	29	960614501	71	ts105	171
9350290-p	331	9437430	198	9513-6	29	96061451	71	ts1252g	51
9430024	293	9437454	293	9513-7	29	96061452	71	ts167s	82
9430050	293	9437560	293	9513-9	29	96061541	71	ts327s	82
9430052	224	9437633	198	9514-10	29	96061542	71	ts613g	51
9430053	224	9438001	295	9514-2	29	96061550	71	ts614g	51
9430054	224	9438002	295	9514-4	29	960615501	71	ts615g	51
9430155	292	9438413	295	9514-6	29	96061551	71	ts623g	51
9430301	293	9439001	294	9514-7	29	96061552	71	ts625g	51
9430311	293	9439002	294	9514-9	29	96062341	71	ts635g	51
9430343	293	9439003	294	9515-10	29	96062342	71	ts645g	51
9430350	293	9439004	294	9515-2	29	96062350	71	ts7632g	51
9430401	292	9439005	294	9515-4	29	96062351	71	ts9000g	320
9430402	292	9439006	294	9515-6	29	96062352	71		
9430406	292	9439007	294	9515-7	29	96062441	71		
9430409	292	9439008	295	9515-9	29	96062442	71		
9430411	292	9439009	295	9517-4v	139	96062450	71		
9430412	292	9439010	295	9517-6v	139	960624501	71		
9430429	292	9439011	295	9517-7v	139	96062451	71		
9430439	292	9439012	295	9517-9v	139	96062452	71		
9430452	292	9439013	295	95213-6	29	96062541	71		
9430453	292	9439015	295	95214-6	29	96062542	71		
9430455	292	9439500	294	95214-9	29	96062550	71		
9430476	293	9441010	274	95215-6	29	960625501	71		
9430477	293	9441050	274	95223-6	29	96062551	71		
9430478	293	9441051	274	95224-6	29	96062552	71		
9430479	293	9441065	274	95224-9	29	967011155	193		
9430498	293	9441070	274	95225-6	29	967011355	193		
9430715	292	9441075	274	9523-10	29	968011355	194		
9430718	292	9441151	274	9523-2	29	9754100	117		
9430719	292	9441480	224	9523-4	29	9755090	117		
9430721	292	9473012	273	9523-6	29	9755091	117		
9432000	152	9473070	273	9523-7	29	9755095	117		
9432001	152	9473071	273	9523-9	29	9755096	117		
9432002	152	9473080	273	9524-10	29	9755098	117		
9432003	152	9473274	273	9524-2	29	9755099	117		
9432004	152	9473300	195	9524-4	29	9755100	117		
9432006	152	9473377	273	9524-6	29	9755101	117		
9432007	152	9473400	278	9524-7	29	9755102	117		
94325000	223	9473401	278	9524-9	29	9755103	117		
94325001	223	9473435	273	9525-10	29	9755104	117		
94325002	223	9473487	273	9525-2	29	9755105	117		
94325003	223	94741367	224	9525-4	29	980901506204	198		
94325102	152	94741386	272	9525-6	29	9809051	198		
94325103	152	9474144	272	9525-7	29	9848030	248		
94326000	223	94741511	272	9525-9	29	9848050	248		
94326001	223	9474154	272	9527-4v	139	9848069	198		
94326002	223	9474162	276	9527-6v	139	9848233	248		
94326003	223	9474164	276	9527-7v	139	9848250	304		
94326102	152	9474166	276	9527-9v	139	9848251	304		
94326103	152	9474176	276	9543014	242	9848263	304		
9433020	153	94741905	195	9544001	242	9848715	198		
9433100	151,153	9474320	272	9545020	270	d105-0	171		
9433101	153	9474410	277	9545069	270	d105-05	171		
9433102	153	9474540	276	9545640	270	d105-70	171		
9433103	153	9474584	272	9605010	264	d105-75	171		
9433170	153	9474590	272	9605056	264	tf9091	103		
9434100	151,153	9502619	277	9605105	264	tf9091g	103		
9434150	197	9502800	305	9605150	264	tf9092	103		
9434151	197	9502801	305	9605153	264	tf9092g	103		
9434152	196	9504020	271	9605159	264	ti0007s	321		
9434200	153	9504103	271	9605320	264	ti0207	321		
9434250	197	9504124	271	9605351	264	tm43838s	84		
9434251	197	9504138	271	96061341	71	tm500s	84		
9434252	196	9504400	195	96061342	71	tm55065s	84		
9436422	198	9504450	271	96061350	71	tm55656s	84		
9436432	198	9504524	276	96061351	71	tm55833s	84		
9437113	293	9504528	276	96061352	71	tm56060s	84		
9437114	293	9504540	271	96061441	71	tm56073s	84		
9437125	151	9513-10	29	96061442	71	tm6100s	84		



# PCE GROUP Worldwide

Connection  
to the future



Sri Lanka



*switch to Quality!*



Gaildorf (DE)

St. Martin/Innkreis (AT)

Ingolstadt (DE)

Inzersdorf (AT)

Dzierżoniów (PL)

# PCE ONLINE...



## www.pcelectric.at

- PCE **Online catalog** with complete product line
- **Technical documentation**, accompanying drawings and 3D CAD-files
- Information on **brand new products**
- **Agenda, schedules** and information on PCE
- Prospectus material, videos, **data sheets** and product pictures for download



## PCE Newsletter

Always up-to-date...

<http://www.pcelectric.at/en/pce/newsletter.html>

Scan QR-code and subscribe:



PCE



Connection  
to the future



# PCE

Connection  
to the future

[www.pcelectric.at](http://www.pcelectric.at)

## PC Electric GesmbH

Diesseits 145

4973 St. Martin im Innkreis

AUSTRIA

TEL +43 7751 61220

FAX +43 7751 6969

office@pcelectric.at

