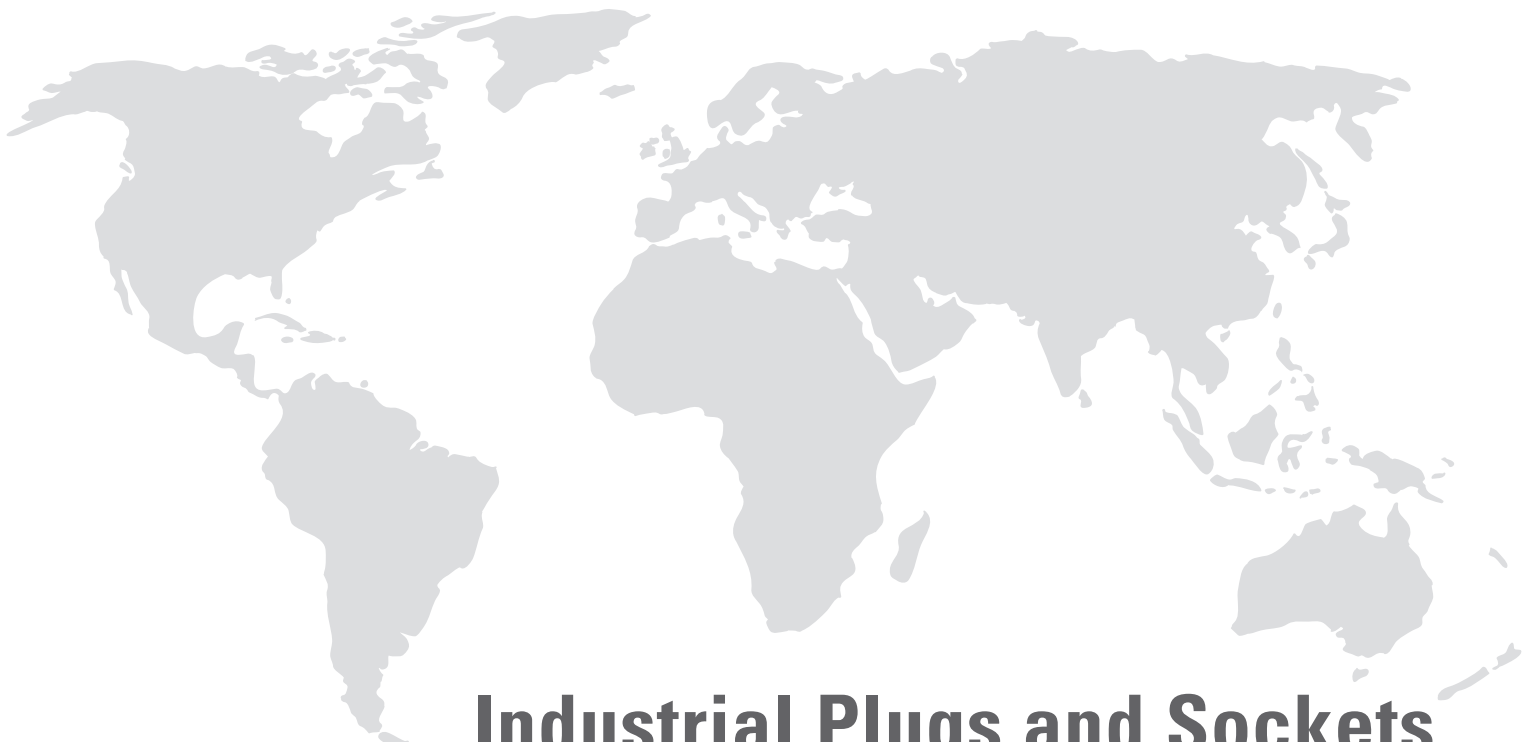




**PCE**

Connection  
to the future



**Industrial Plugs and Sockets**

**2014/15**

MADE IN AUSTRIA



Connection  
to the future





# 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 (EN ISO 9001:2008 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

**PC POLSKA**, Dzierzoniow, Poland

**PCE MERZ**, Gaildorf, Germany

**PCEL**, Sri Lanka

**BRANDT GESMBH**, Inzersdorf, Austria

**WINKLER GMBH**, Ingolstadt, Germany

**MOSER Systemelektrik**, Schönwald, Germany



## ■ ■ ■ QUALITY MANAGEMENT SYSTEM

- Production according to international standards (EN ISO 9001:2008 Certification)
- High quality and flexibility

## ■ ■ ■ CUSTOMER FOCUS

- Reliable service
- Functional design
- Tailor-made solutions
- Short delivery times

## ■ ■ ■ RESEARCH AND DEVELOPMENT

- Cost-effective and innovative manufacturing
- Numerous patent applications

## ■ ■ ■ GLOBAL PRESENCE

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





### ■ ■ ■ PCE MERZ, Gaildorf, Germany

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



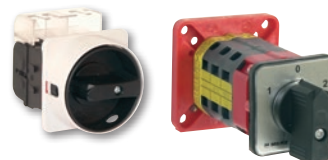
- **Mobile power distributors**  
Assemblies for Construction Sites  
Event Distributor  
Underfloor Distributors



- **Testing technology**  
Test panels  
Stationary test and workstation systems  
Mobile test systems



- **Sheet Metal Technology**  
Sheet metal parts according to customer  
MERZBOX  
Balcony cladding



- **Switchgear**  
Cam switchers  
Disconnect Switches  
DC-switches



- ■ ■ The company MOSER SYSTEMELEKTRIK is specialized in underground energy systems and connection columns.



- ■ ■ 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.




















CE  
PCE  
10A 50  
300V  
MADE IN AUSTRIA

CE  
PCE  
10A 50  
300V  
MADE IN AUSTRIA

CLOSE

CLOSE

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# Information

## CERTIFICATION ACCORDING TO EN ISO 9001 : 2008

The PCE quality management system has been certified according to the standard DIN EN ISO 9001 : 2008!

## 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:

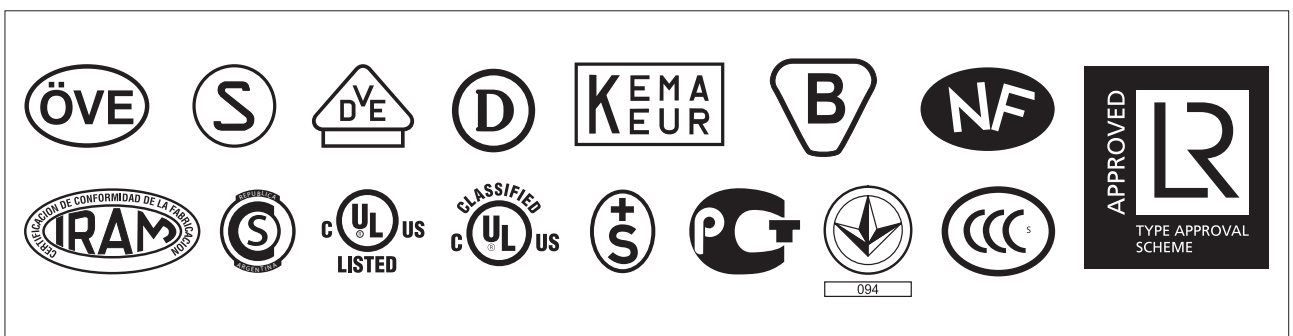
**RoHS: DIRECTIVE 2011/65/EU** OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

**EMC: DIRECTIVE 2004/108/EC** OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 December 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility and repealing Directive 89/336/EEC

**LVD: DIRECTIVE 2006/95/EC** OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 12 December 2006 on the harmonisation of the laws of Member States relating to 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 **E**lectrotechnical **C**ommission“ - which is the world organization for international standardization of electrical equipment:

## ■ ■ CENELEC

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

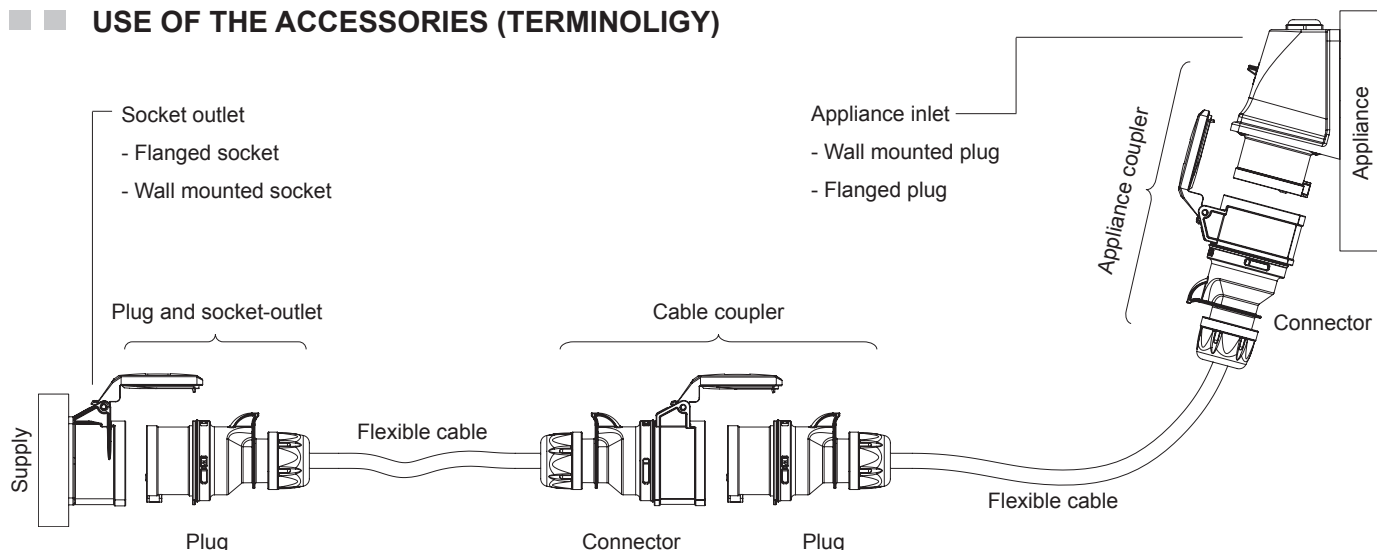
## ■ ■ SYSTEM

The standard CEE plugs and sockets according to EN 60309 respectively IEC 60309 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 11).

## ■ ■ USE OF THE ACCESSORIES (TERMINOLOGY)



# Information

## PILOT CONTACT

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

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.

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

## PCS (PILOT CONTACT SYSTEM):

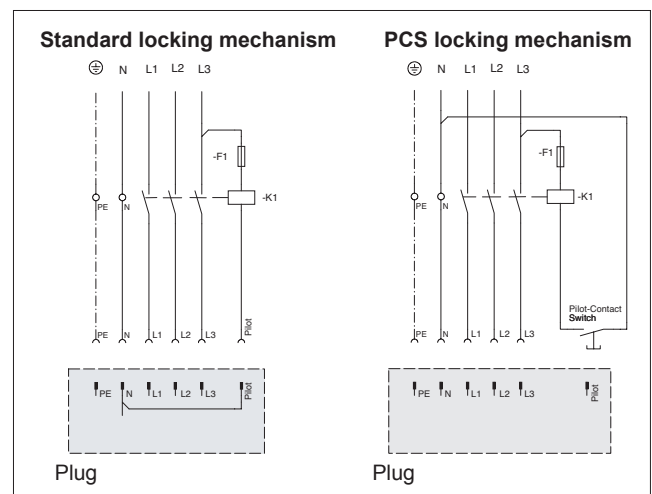
The PCS is a built-in auxiliary contact, used only for 63A and 125A connectors and socket-outlets, for protective electrical interlocking or for additional control purposes, with isolated connection in the socket-outlet. CEE connectors and sockets have longer phase contacts and guarantee no finger protection;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

Recommended datas for PCE products

Rated current	Terminal cross-section		Dismantling lenth [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	12 - 18
125A - CEE	16 - 50	16 - 70	100	18 - 20
16/32A - extra low voltage <50V	1 - 10	1,5 - 10	70	14 - 16
P-Nova	1 - 2x2,5	1 - 2x2,5		10
P-Nova (screwless)	1 - 2x2,5	1 - 2x2,5		8 - 14
P-Nova Plus	1 - 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

## 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		
> 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

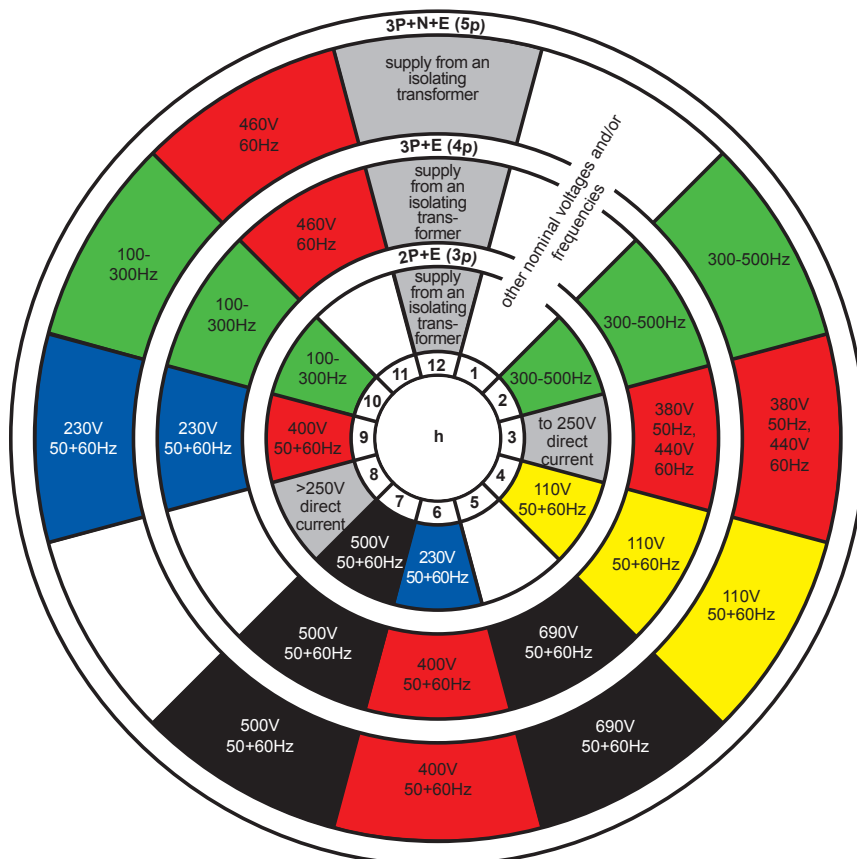
## COLOUR CODES

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

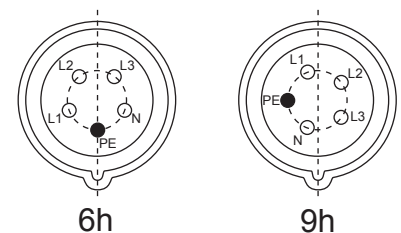
Rated operating voltage:	Colour code:
20-25V	violet
40-50V	white
100-130V	yellow
200-250V	blue
380-480V	red
500-690V	black
> 60-500Hz	green
no colour code	grey

## INTERNATIONAL RATING – SERIE I

for appliances >50V – details see table above



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



\* non standard  
\*\* non standard for 63A, 125A



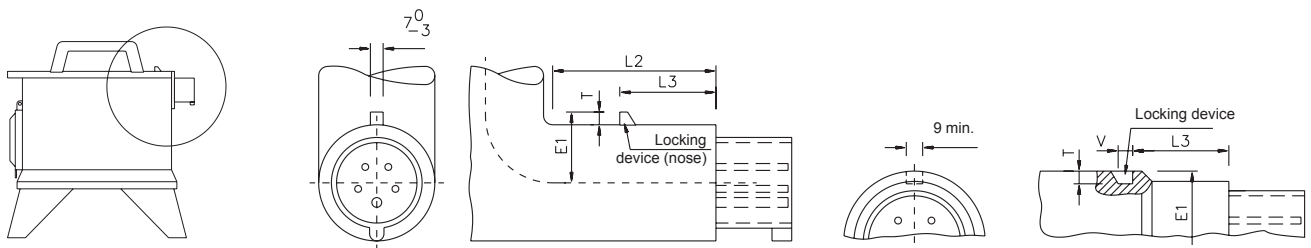
# Information

## LOCKING DEVICE

A locking device prevents unintended withdrawal by locking the hinged lid in a lug/cavity or a bayonet system with a bayonet ring. According to EN 60309 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	59-60	55,5-57	≥8	≥9

## CONTACTS

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

- high electric conducting capacity 15m/(Ohm mm<sup>2</sup>);
- high resistance to extension up to 103 kN/mm<sup>2</sup>;
- 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 2002/95/EG (page 9)
- PCE sockets 63A and 125A have a CuBe lamellar spring for a well contacting and anti-corrosion contacts (page 17).

## 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 IEC/EN 50102 respectively IEC/EN 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,
- 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
acetone		+	-
aldehyde		o	-
alcohols		+	+
formic acid	4-5%	-	o
amine		+	-
ammonia	5%	+	o / -
ammonium chloride	35%	+	-
inorganic salts		+	o
benzine		+	+
benzol		+	o
chlorine		o	o
acetic acid	5%	o	+
ester		+	o
ethyl aether		+	o
fats		+	+
hydrofluoric acid		-	o
formaldehyde	5%	+	-
formalin	3-4%	+	-
glycol		o	o

Chemicals	Concentration	Resistance	
		PA6	PC/ABS
glycerin		+	o
calcium hydroxide	50%	o	-
ketone		+	-
fuels		+	o
methane		+	x
petroleums		+	+
sodium chloride		+	+
sodium hydroxide	10%	+	x
sodium hydroxide	2-8%	+	-
nitrobenzene		+	-
oils		+	+
phosphoric acid	10%	-	o
propanol		+	o
nitric acid	2%	-	+
hydrochloric acid	2%	-	o
sulfuric acid	50%	-	+
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 media to different resistances.

Source: Saechtling Kunststoff pocket book; Carl Hanser Verlag Munich, Vienna and DSM Engineering plastics

# Information

## ■ ■ IP (INGRESS PROTECTION)-RATINGS

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

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





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

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





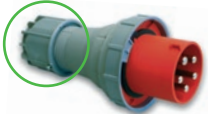







### Explanation for double marking IP66/67 and IP66/68:

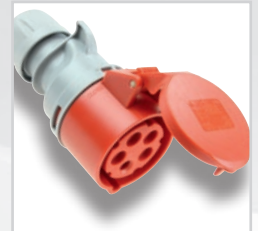
According to IEC 60529, an accessory designated with second characteristic numeral 7 or 8 is only suitable for immersion. For protection against exposure to water jets, additional testing is required according to second characteristic numeral 5 or 6 and then the product should be marked accordingly.

## ■ ■ TORQUES FOR PCE PRODUCTS

Rated current	Series		Torques [Ncm]
16A	Cable gland		500
	Housing screws		110
	Connecting screws		110
	Cable gland >50V		600



Rated current	Series		Torques [Ncm]
32A	Cable gland		600
	Housing screws		110
	Connecting screws		110
	Cable gland >50V		600
63A	Cable gland		1300
	Connecting screws		200
	Housing screws		200
	Connecting screws		200
125A	Cable gland		1400
	Connecting screws		200
	Housing screws		200
	Connecting screws		200



# 16/32A

LET'S TAKE **TWIST** – IT'S EASY QUICK AND SAVE

## ■■■ TWIST / SHARK

### Contact screws

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

### No screws needed to assemble the plug

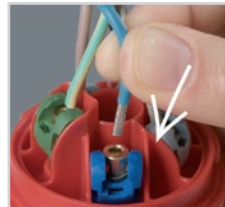
- multi-ramp quick-lock system
- easy fitting by twist-lock action → saves your time

### Dismantling

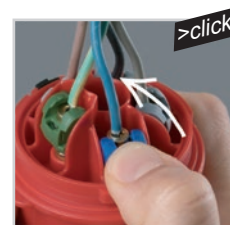
- simply unlock and twist to open

## ■■■ ADVANTAGES OF THE NEW CABLE LOCK GLAND

- saves time
- simply insertion of the cable in less time
- strain relief and sealing of the cable by tightening the cable-lock gland
- self-adjusting gasket for different cable diameters
- maximum cable security



1) Insert wire



2) Close terminal



3) Reopen terminal

### Screwless connection technology

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

### For all standard cable diameters

- 16A: from 2,5mm<sup>2</sup> flexible to 4mm<sup>2</sup> solid stripped wires
- 32A: from 6mm<sup>2</sup> flexible to 10mm<sup>2</sup> solid stripped wires

### Flexible stripped wires

- with or without end sleeve or solid stripped wires

# 63/125A

SAFETY

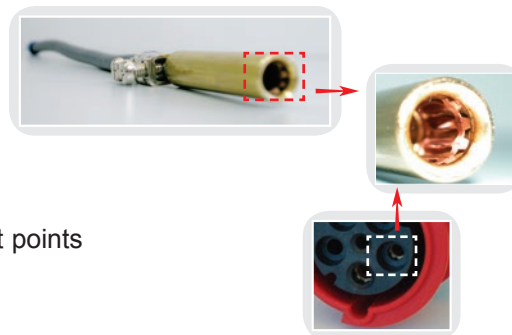
HEAVY DUTY

TIME SAVING

## ■■■ SAFETY

### Lamellar spring

- low insertion and extraction forces
- minimum contact resistance
- self-cleaning
- optimum contact - at least 10 contact points

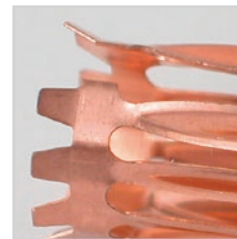


### TWIST-cable gland

- secures the cable firmly in position
- protects from water and dust
- Safety screw locks the screw cap in position



POWER  
**TWIST**



## ■■■ HEAVY DUTY

**For extreme environments**

**Exceptional high impact resistance**

**Extreme heat resistant contact carriers**

**Anti-corrosion contacts**

- offer protection in aggressive atmospheres, e.g. in chemical plants, food industries

## ■■■ TIME SAVING

**TWIST-cable gland**

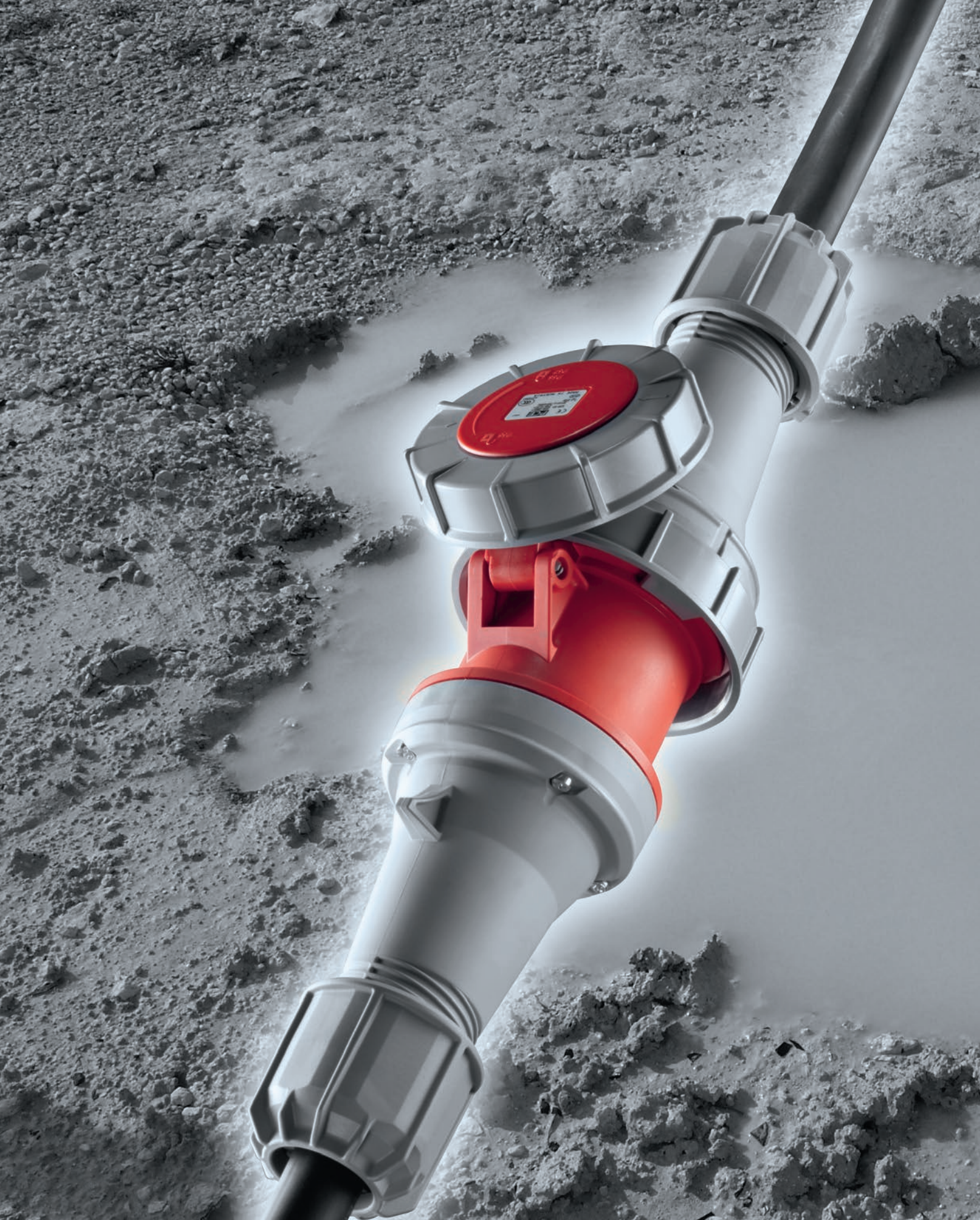
**Optimum grip**

**Wide connection space**

- fast cable installation

**Open contact terminals,  
ready for assembly**












# INDUSTRIAL PLUGS AND SOCKETS

16A - 125A



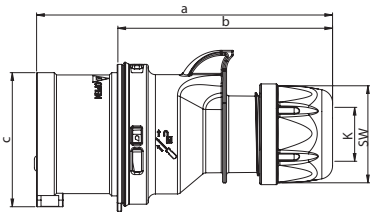
**Industrial plugs and sockets 16A - 125A**

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# Plugs

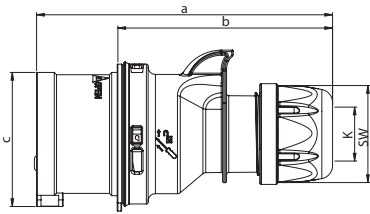


## Shark Plug IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
a	122	128	134	150	150	155
b	86	92	98	104	104	109
c	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
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100 Ncm			110 Ncm		
SW	42	42	42	50	50	50
Weight [g]	109	128	151	181	201	232

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

**IP44** splashproof

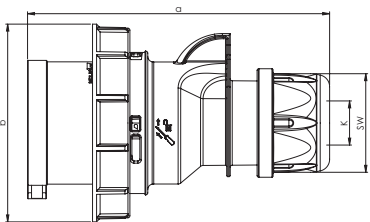


## Turbo Shark Plug IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
a	122	128	134	150	150	155
b	86	92	98	104	104	109
c	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
Connection type:	Screwless terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
SW	42	42	42	50	50	50
Weight [g]	111	132	156	186	206	241

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

**IP44** splashproof

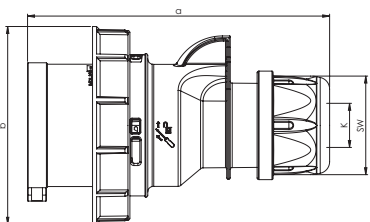


## Shark Plug IP67

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

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

**IP67** watertight



## Turbo Shark Plug IP67

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

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

**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	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

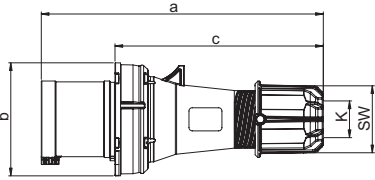
16	3	10	0132-4TT	<b>0132-6TT</b>	0132-9TT			
16	4	10	0142-4TT	0142-9TT	<b>0142-6TT</b>			
16	5	10	0152-4TT	0152-9TT	<b>0152-6TT</b>			
32	3	10	0232-4TT	<b>0232-6TT</b>	0232-9TT			
32	4	10	0242-4TT	0242-9TT	<b>0242-6TT</b>			
32	5	10	0252-4TT	0252-9TT	<b>0252-6TT</b>			



0152-6TT



# Plugs

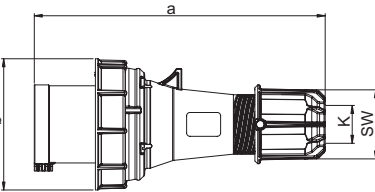


## Power Twist Plug IP44

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

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts with pilot contact (see page 10)

**IP44** splashproof

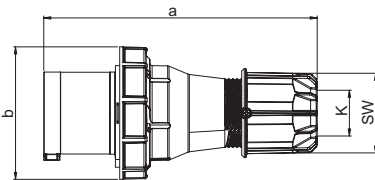


## Power Twist Plug IP66/67

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

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts with pilot contact (see page 10)

**IP66/67** watertight



## Power Twist Plug IP66/67

	125 Amp		
Poles	3	4	5
a	270	270	270
b	131	131	131
K_cable Ø [mm]	22,5-50	22,5-50	22,5-50
Connection type:	Contact frame with screws		
Wire flexible [mm <sup>2</sup> ]	16-50		
Contact screws [Ncm]	450 Ncm		
SW	81	81	81
Weight [g]	956	1064	1169

- contact frame with hexagon socket screws
- housing material: PA6
- contacts: nickel-plated contacts with pilot contact (see page 10)

**IP66/67** watertight

**POWER  
TWIST**



■ ■ ■ **Safety**

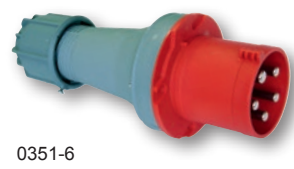
■ ■ ■ **High impact resistance**

■ ■ ■ **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

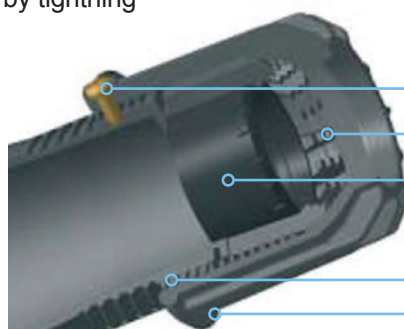
125	3	2	043-4	<b>043-6</b>	043-9	043-7	043-10	043-2
125	4	2	044-4	044-9	<b>044-6</b>	044-7	044-10	044-2
125	5	2	045-4	045-9	<b>045-6</b>	045-7	045-10	045-2



045-6

### Time saving:

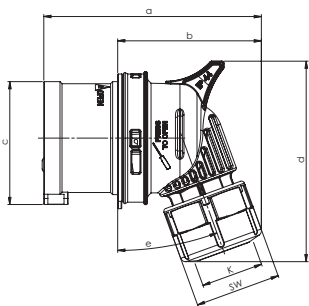
- Simple and fast insertion of the cable
- Strain-relief and sealing of the cable by tightening the cable gland
- All current cables for 63A from  $\varnothing 14,5\text{mm}$  to  $\varnothing 36\text{mm}$  for 125A from  $\varnothing 22,5\text{mm}$  to  $\varnothing 50\text{mm}$
- 100% Tightness of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



# Angled plugs

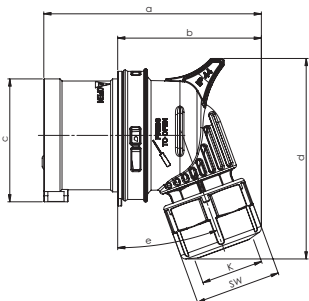


## Twist Angled plug IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a	96	98	108	127	127	135
b	59	62	71	82	82	90
c	47	53	61	63	63	70
d	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
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100 Ncm			110 Ncm		
SW	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

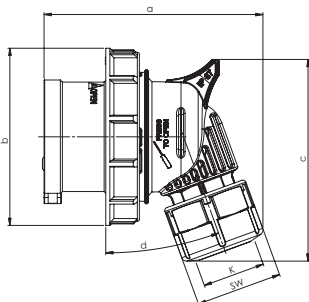


## Turbo Twist Angled plug IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a	96	98	108	127	127	135
b	59	62	71	82	82	90
c	47	53	61	63	63	70
d	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
Connection type:	Screwless terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
SW	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

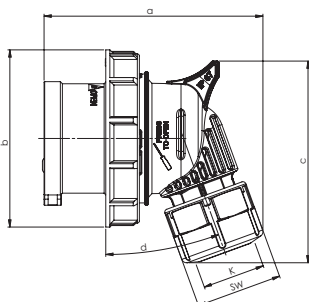


## Twist Angled plug IP67

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a	96	98	108	127	127	135
b	71	79	87	93	93	100
c	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
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100 Ncm			110 Ncm		
SW	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



## Turbo Twist Angled plug IP67

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a	96	98	108	127	127	135
b	71	79	87	93	93	100
c	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
Connection type:	Screwless terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
SW	38	38	42	50	50	50
Weight [g]	130	158	191	219	238	288

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

**IP67** watertight



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



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>			



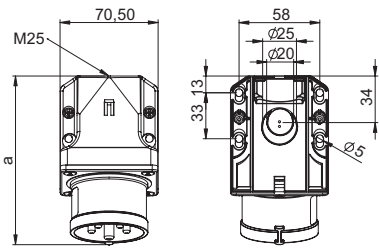
example for connection



80142-6TT



# Wall mounted plugs



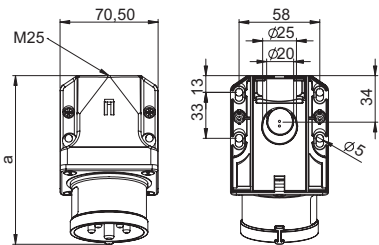
b=height  
angle=15°

## Wall mounted plug IP44

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

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

**IP44** splashproof



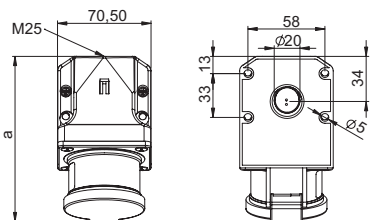
b=height  
angle=15°

## Turbo Twist Wall mounted plug IP44

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

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

**IP44** splashproof



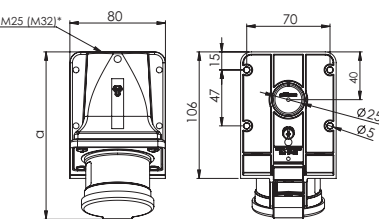
b=height  
angle=15°

## Wall mounted plug with lid IP44

	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a	127	128	128	137	137	140
b	92	94	97	99	99	104
M	25	25	25	25	25	25
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100 Ncm			110 Ncm		
Weight [g]	230	245	263	272	292	315

- with screw terminals
- with hinged lid and gasket, to increase protection
- 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



b=height  
angle=15°

## Wall mounted plug with lid IP44

	16 Amp			32 Amp		
Pole s			5			5
a			141			151
b			99			112
M*			25			25
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100 Ncm			110 Ncm		
Weight [g]			257			310

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

**IP44** splashproof

\*M32 optional on request available

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



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

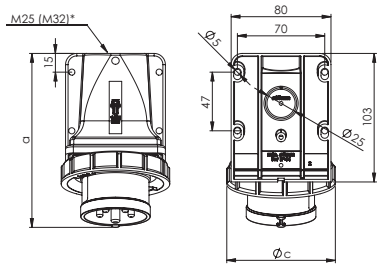
16	5	10	515-4kd	515-9kd	<b>515-6kd</b>	515-7kd	515-10kd	515-2kd
32	5	10	525-4kd	525-9kd	<b>525-6kd</b>	525-7kd	525-10kd	525-2kd



525-6kd



# Wall mounted plugs



b=height  
angle=15°

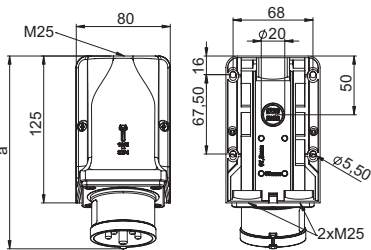
## Wall mounted plug IP67

Poles	16 Amp			32 Amp		
	3	4	5	4	5	
a	136	138	140	150	153	152
b	99	94	100	104	104	102
c	71	79	87	93	93	102
M	25	25	25	25	25	25
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100 Ncm			110 Ncm		
Weight [g]	200	223	242	260	280	306

\*M32 optional on request available

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

**IP67** watertight



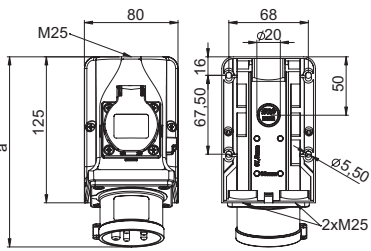
b=height  
angle=15°

## Wall mounted plug IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	163	163	164	173	173	174
b	109	109	112	115	115	118
M	3x25	3x25	3x25	3x25	3x25	3x25
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100 Ncm			110 Ncm		
Weight [g]	263	278	295	302	322	341

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

**IP44** splashproof



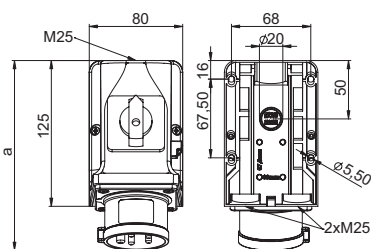
b=height  
angle=15°

## Wall mounted plug - COMBO IP44

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



b=height  
angle=15°

## Wall mounted plug with switch IP44

Poles	16 Amp	32 Amp
	5	5
a	163	173
b	128	128
M	3x25	3x25
Connection type: Screw terminal		
Wire flexible [mm <sup>2</sup> ]	1-2,5	2,5-6
solid [mm <sup>2</sup> ]	1-4	2,5-10
Weight [g]	474	522

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

**IP44** splashproof

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



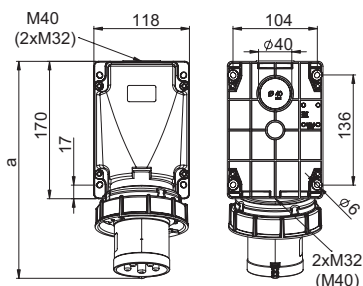
95215-6

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



75615-6

# Wall mounted plugs



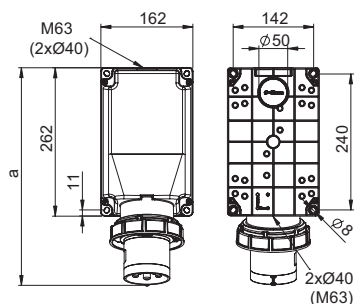
b=height  
angle=15°

## Power Twist Wall mounted plug IP66/67

	63 Amp		
	3	4	5
Poles	3	4	5
a	271	271	271
b	175	175	175
Connection type: Contact frame with screws			
Wire flexible [mm <sup>2</sup> ]	6-16		
solid [mm <sup>2</sup> ]	6-25		
Contact screws [Ncm]	200 Ncm		
Weight [g]	812	864	914

- contact frame with screws
- housing material: PC/ABS
- contacts: nickel-plated contacts, with pilot contact (see page 10)
- 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



b=height  
angle=15°

## Power Twist Wall mounted plug IP66/67

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

- contact frame with hexagon socket screws
- housing material: PC/ABS
- contacts: nickel-plated contacts, with pilot contact (see page 10)
- 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

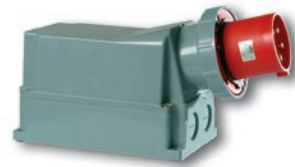


Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h	100-300Hz 10h	301-500Hz 2h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
63	3	2	533-4	<b>533-6</b>	533-9	533-7	533-10	533-2
63	4	2	534-4	534-9	<b>534-6</b>	534-7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



535-6

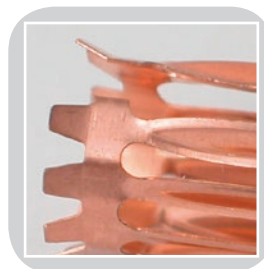
125	3	1	543-4	<b>543-6</b>	543-9	543-7	543-10	543-2
125	4	1	544-4	544-9	<b>544-6</b>	544-7	544-10	544-2
125	5	1	545-4	545-9	<b>545-6</b>	545-7	545-10	545-2



545-6

Accessories see page 51

## POWER TWIST



# Flanged plugs

## Connection types:

Screw terminal:  
16/32A



Screwless terminal:  
16/32A



Contact frame:  
63/125\*A



\* 125A contact frame with hexagon socket screws

### Screw terminal

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

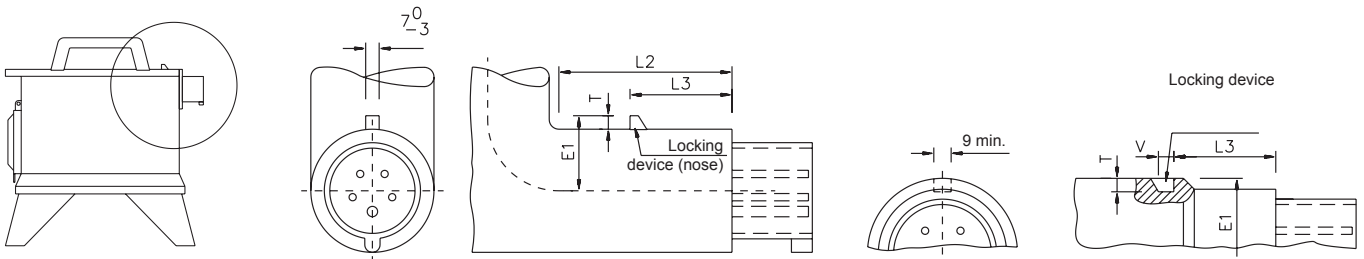
### Screwless terminal

- 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:



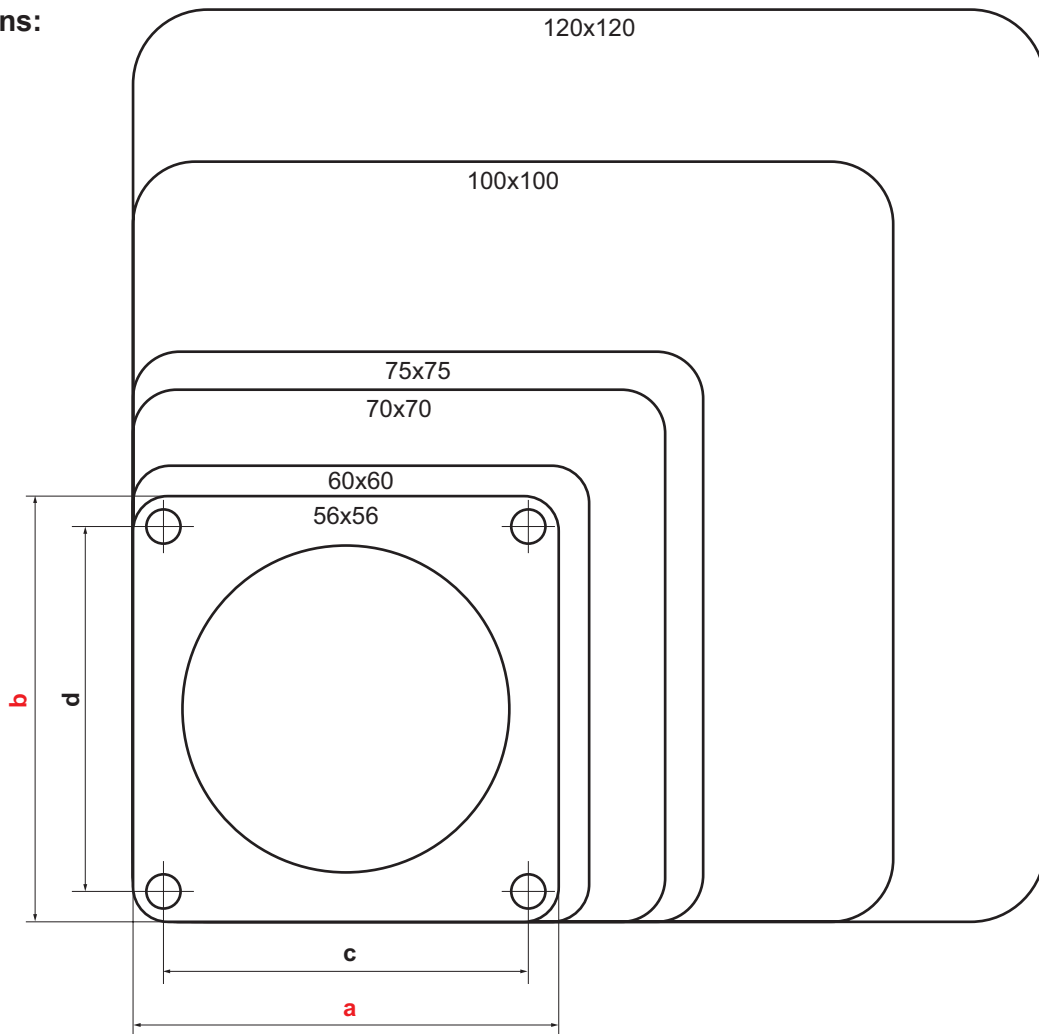
Positioning table (in mm):

		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	59-60	55,5-57	≥8	≥9

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


# Flanged plugs straight

Dimensions:



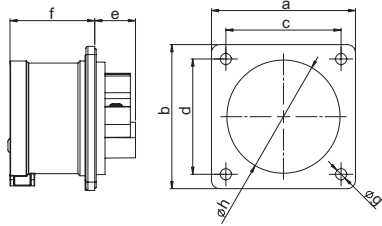
Versions:

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) 



# Flanged plugs

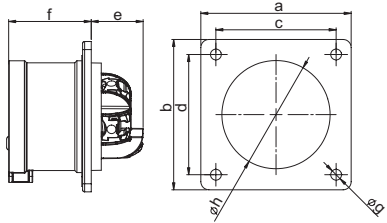


## Flanged plug straight IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange						
a x b	70	70	70	70	70	70
Fixing center						
c x d	56	56	56	56	56	56
e	21	21	20	21	21	21
f	42	42	42	51	51	51
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	43	55	55	55	55
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100 Ncm			110 Ncm		
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 32)

**IP44** splashproof

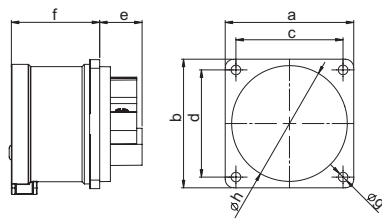


## Turbo Twist Flanged plug straight IP44

	16 Amp		32 Amp	
	3	5	4	5
Poles	3	5	4	5
Flange				
a x b	70	70	70	70
Fixing center				
c x d	56	56	56	56
e	26	26	29	29
f	42	42	51	51
g	5,5	5,5	5,5	5,5
h	43	55	55	55
Connection type:	Screwless terminal			
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
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 32)

**IP44** splashproof

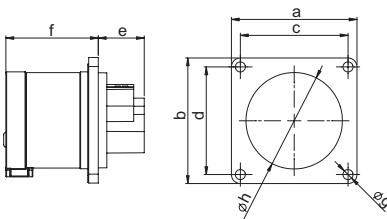


## Flanged plug straight IP44

	16 Amp		
	3	4	5
Poles	3	4	5
Flange			
a x b	60	60	60
Fixing center			
c x d	50	50	50
e	21	21	20
f	42	42	42
g	4,5	4,5	4,5
h	43	43	55
Connection type:	Screw terminal		
Wire flexible [mm <sup>2</sup> ]	1-2,5		
solid [mm <sup>2</sup> ]	1-4		
Contact screws [Ncm]	100 Ncm		
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 32)

**IP44** splashproof



## Flanged plug straight IP44

	16 Amp	
	3	4
Poles	3	4
Flange		
a x b	56	56
Fixing center		
c x d	48	48
e	21	21
f	42	42
g	4,5	4,5
h	43	43
Connection type:	Screw terminal	
Wire flexible [mm <sup>2</sup> ]	1-2,5	
solid [mm <sup>2</sup> ]	1-4	
Contact screws [Ncm]	100 Ncm	
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 32)

**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.	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

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.
<b>flange 70 x 70 - fixing center 56 x 56</b>					
16	3	10	613-4TT	<b>613-6TT</b>	613-9TT
16	5	10	615-4TT	615-9TT	<b>615-6TT</b>
32	4	10	624-4TT	624-9TT	<b>624-6TT</b>
32	5	10	625-4TT	625-9TT	<b>625-6TT</b>



613-4TT

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	
<b>flange 60 x 60 - fixing center 50 x 50</b>									
16	3	10	613-4f6	<b>613-6f6</b>	613-9f6	613-7f6	613-10f6	613-2f6	
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

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>flange 56 x 56 - fixing center 48 x 48</b>							
16	3	10	613-4f3	<b>613-6f3</b>	613-9f3	613-7f3	613-10f3
16	4	10	614-4f3	614-9f3	<b>614-6f3</b>	614-7f3	614-10f3

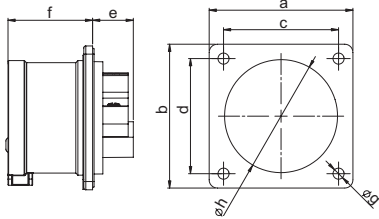


614-6f3





# Flanged plugs

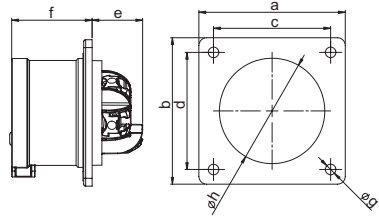


## Flanged plug straight IP44

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

**IP44** splashproof

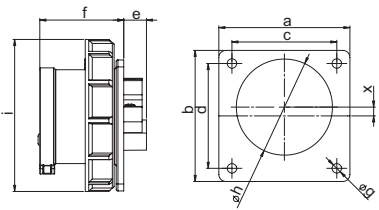


## Turbo Twist Flanged plug straight IP44

	16 Amp		32 Amp	
Poles	5		5	
Flange				
a x b	75		75	
Fixing center				
c x d	60		60	
e	26		29	
f	42		51	
g	5,5		5,5	
h	55		55	
Connection type:	Screwless terminal			
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
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 32)

**IP44** splashproof

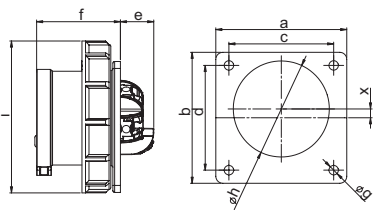


## Flanged plug straight IP44

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles						
Flange						
a x b	75	75	75	75	75	75
Fixing center						
c x d	60	60	60	60	60	60
e	15	14	13	14	15	14
f	48	48	48	58	58	58
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	44	55	55	55	55
i	71	79	87	93	93	100
x	11,3	6	5	4,5	4,5	0
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100 Ncm			110 Ncm		
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 32)
- for 16A 3p till 32A 4p the plug is placed off centered for keeping the standards

**IP67** watertight



## Turbo Twist Flanged plug straight IP44

	16 Amp		32 Amp	
	3	5	4	5
Poles				
Flange				
a x b	75	75	75	75
Fixing center				
c x d	60	60	60	60
e	20	20	21	21
f	48	48	58	58
g	5,5	5,5	5,5	5,5
h	43	55	55	55
i	71	87	93	100
x	11,3	5	4,5	0
Connection type:	Screwless terminal			
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
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 32)
- 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>



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

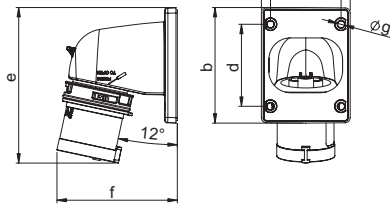
flange 75 x 75 - fixing center 60 x 60					
16	3	10	6132-4TT	<b>6132-6TT</b>	6132-9TT
16	5	10	6152-4TT	6152-9TT	<b>6152-6TT</b>
32	4	10	6242-4TT	6242-9TT	<b>6242-6TT</b>
32	5	10	6252-4TT	6252-9TT	<b>6252-6TT</b>



6252-6TT



# Flanged plugs



## Twist Flanged plug angled IP44

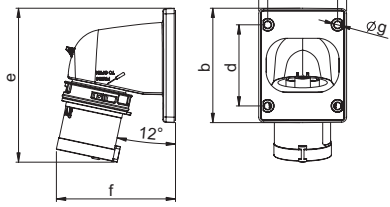
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	66	66	90	90	90	90
b	86	86	100	100	100	100
c	53	53	77	77	77	77
d	61	61	85	85	85	85
e	116	117	153	163	163	164
f	90	93	98	100	100	103
g	5	5	5	5	5	5

Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100 Ncm			110 Ncm		
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



## Turbo Twist Flanged plug angled IP44

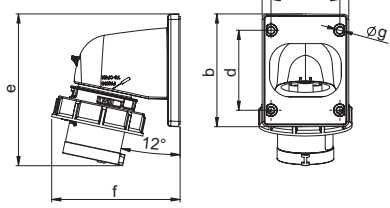
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	66	66	90	90	90	90
b	86	86	100	100	100	100
c	53	53	77	77	77	77
d	61	61	85	85	85	85
e	116	117	153	163	163	164
f	90	93	98	100	100	103
g	5	5	5	5	5	5

Connection type:	Screwless terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
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



## Twist Flanged plug angled IP67

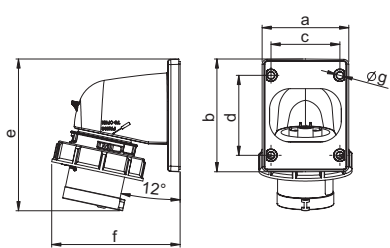
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	66	66	90	90	90	90
b	86	86	100	100	100	100
c	53	53	77	77	77	77
d	61	61	85	85	85	85
e	116	117	153	163	163	164
f	99	103	107	110	110	114
g	5	5	5	5	5	5

Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100 Ncm			110 Ncm		
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



## Turbo Twist Flanged plug angled IP67

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	66	66	90	90	90	90
b	86	86	100	100	100	100
c	53	53	77	77	77	77
d	61	61	85	85	85	85
e	116	117	153	163	163	164
f	99	103	107	110	110	114
g	5	5	5	5	5	5

Connection type:	Screwless terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
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

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**  
TWIST  
click



77713-6TT

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

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>			

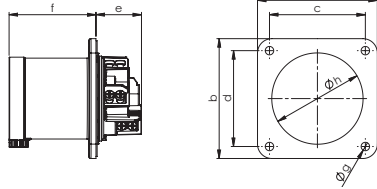
**TURBO**  
TWIST  
click



777152-6TT



# Flanged plugs

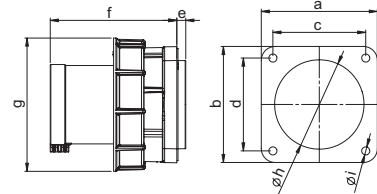


## Power Twist Flanged plug straight IP44

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

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 10)

**IP44** splashproof

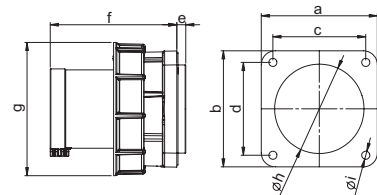


## Power Twist Flanged plug straight IP66/67

	63 Amp		
	3	4	5
Poles	3	4	5
a			
b	100	100	100
c			
d	80	80	80
e	8	8	8
f	109	109	109
g	115	115	115
h	77	77	77
i	7	7	7
Connection type:	Contact frame with screws		
Wire flexible [mm <sup>2</sup> ]	6-16		
solid [mm <sup>2</sup> ]	6-25		
Contact screws [Ncm]	200 Ncm		
Weight [g]	479	531	570

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 10)
- for waterproof cover see accessories on page 51

**IP66/67** watertight



## Power Twist Flanged plug straight IP66/67

	125 Amp		
	3	4	5
Poles	3	4	5
a			
b	120	120	120
c			
d	100	100	100
e	13	13	13
f	118	118	118
g	131	131	131
h	95	95	95
i	7	7	7
Connection type:	Contact frame with screws		
Wire flexible [mm <sup>2</sup> ]	16-50		
solid [mm <sup>2</sup> ]	16-70		
Contact screws [Ncm]	450 Ncm		
Weight [g]	786	891	998

- contact frame with hexagon socket screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 10)
- for waterproof cover see accessories on 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.
<b>flange 100 x 100 - fixing center 80 x 80</b>								
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

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.
<b>flange 100 x 100 - fixing center 80 x 80</b>								
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

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.
<b>flange 120 x 120 - fixing center 100 x 100</b>								
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

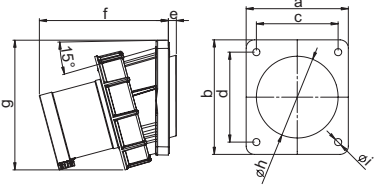


645-6



# Flanged plugs

## Power Twist Flanged plug sloping IP66/67

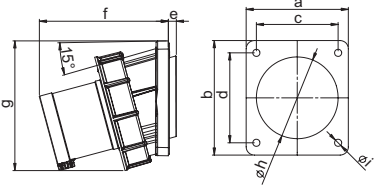


	63 Amp		
Poles	3	4	5
a	100	100	100
b	112	112	112
c	80	80	80
d	88	88	88
e	8	8	8
f	127	127	127
g	127	127	127
h	80	80	80
i	7	7	7
Connection type: Contact frame with screws			
Wire flexible [mm <sup>2</sup> ]	6-16		
solid [mm <sup>2</sup> ]	6-25		
Contact screws [Ncm]	200 Ncm		
Weight [g]	515	566	608

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 10)
- for waterproof cover see accessories on page 51

IP66/67 watertight

## Power Twist Flanged plug sloping IP66/67

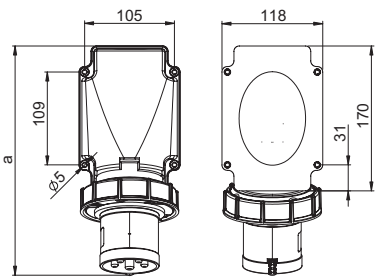


	125 Amp		
Poles	3	4	5
a	120	120	120
b	130	130	130
c	100	100	100
d	108	108	108
e	8	8	8
f	139	139	139
g	145	145	145
h	100	100	100
i	7	7	7
Connection type: Contact frame with screws			
Wire flexible [mm <sup>2</sup> ]	16-50		
solid [mm <sup>2</sup> ]	16-70		
Contact screws [Ncm]	450 Ncm		
Weight [g]	833	942	1044

- contact frame with hexagon socket screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 10)
- for waterproof cover see accessories on page 51

IP66/67 watertight

## Power Twist Flanged plug IP66/67

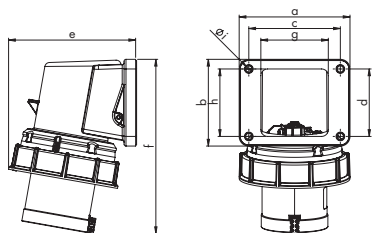


	63 Amp		
Poles	3	4	5
a	271	271	271
b	124	124	124
Connection type: Contact frame with screws			
Wire flexible [mm <sup>2</sup> ]	6-16		
solid [mm <sup>2</sup> ]	6-25		
Contact screws [Ncm]	200 Ncm		
Weight [g]	653	704	746

- contact frame with screws
- housing material: PC/ABS
- contacts: nickel-plated contacts, with pilot contact (see page 10)
- for waterproof cover and cable-glands see accessories page 51
- rear entry
- incl. flange gasket

IP66/67 watertight

## Power Twist Flanged plug compact IP66/67



	63 Amp		
Poles	3	4	5
a	116	116	116
b	91	91	91
c	95	95	95
d	70	70	70
e	132	132	132
f	181	181	181
g	70	70	70
h	70	70	70
Øi	6,5	6,5	6,5
Connection type: Contact frame with screws			
Wire flexible [mm <sup>2</sup> ]	6-16		
solid [mm <sup>2</sup> ]	6-25		
Contact screws [Ncm]	200 Ncm		
Weight [g]	547	598	640

- contact frame with screws
- housing material: PA6
- contacts: nickel-plated contacts, with pilot contact (see page 10)
- 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.

flange 100 x 112 - fixing center 80 x 88

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

flange 120 x 130 - fixing center 100 x 108

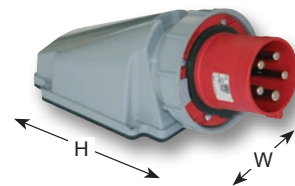
125	3	2	743-4	<b>743-6</b>	743-9	743-7	743-10	743-2
125	4	2	744-4	744-9	<b>744-6</b>	744-7	744-10	744-2
125	5	2	745-4	745-9	<b>745-6</b>	745-7	745-10	745-2



745-6

H x W x D = 170 x 118 x 124

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

flange 116 x 91 - fixing center 95 x 70

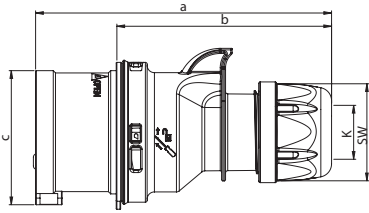
63	3	2	77733-4k	<b>77733-6k</b>	77733-9k	77733-7k	77733-10k	77733-2k
63	4	2	77734-4k	77734-9k	<b>77734-6k</b>	77734-7k	77734-10k	77734-2k
63	5	2	77735-4k	77735-9k	<b>77735-6k</b>	77735-7k	77735-10k	77735-2k



77735-6k



# Phase inverters

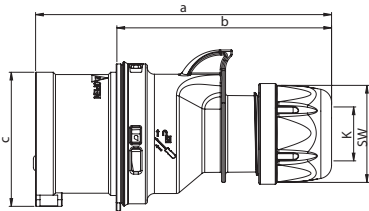


## Shark Phase inverter plug IP44

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

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

**IP44** splashproof

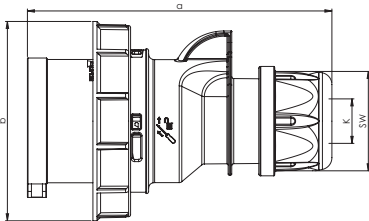


## Turbo Shark Phase inverter plug IP44

	16 Amp		32 Amp	
Poles	4	5	4	5
a	128	134	150	155
b	92	98	104	109
c	53	61	63	70
K_cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Connection type:	Screw terminal and screwless terminal			
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100 Ncm		110 Ncm	
SW	42	42	50	50
Weight [g]	131	156	204	237

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

**IP44** splashproof



## Shark Phase inverter plug IP67

	16 Amp		32 Amp	
Poles	4	5	4	5
a	128	134	150	155
b	79	87	93	100
c	53	61	63	70
K_cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Connection type:	Screw terminal			
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100 Ncm		110 Ncm	
SW	42	42	50	50
Weight [g]	153	183	245	280

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

**IP67** watertight

**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
	<b>7015-6</b>
7024-9	7024-6
	<b>7025-6</b>



7015-6

16	5	10
32	5	10

	<b>7015-6TT</b>
	<b>7025-6TT</b>



7015-6TT

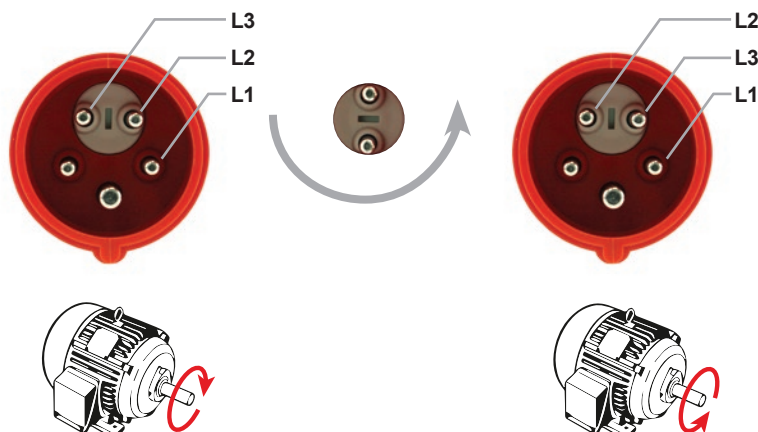
16	4	10
16	5	10
32	4	10
32	5	10

70142-9	70142-6
	<b>70152-6</b>
70242-9	70242-6
	<b>70252-6</b>



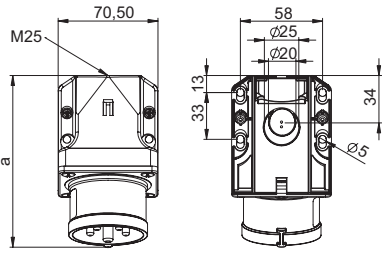
70252-6

### Functional principle: Phase inverter





# Phase inverters



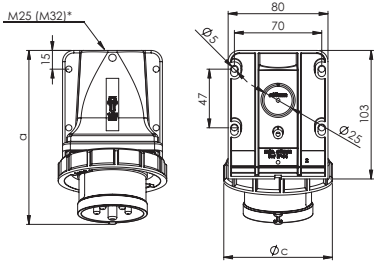
b=height  
angle=15°

## Phase inverter - Wall mounted plug IP44

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

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

**IP44** splashproof



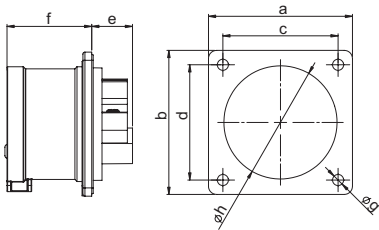
b=height  
angle=15°

## Phase inverter - Wall mounted plug IP67

	16 Amp		32 Amp	
Poles		5	4	5
a		140	153	152
b		100	104	102
c		71	93	100
M*		25	25	25
Connection type:	Screw terminal			
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100 Ncm		110 Ncm	
Weight [g]		241	276	307

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

**IP67** watertight

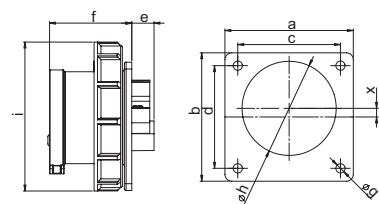


## Phase inverter - Flanged plug straight IP44

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

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts
- According to EN 60309: For correct use a locking device has to be provided (see page 32)

**IP44** splashproof



## Phase inverter - Flanged plug straight IP67

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

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts
- According to EN 60309: For correct use a locking device has to be provided (see page 32)
- 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

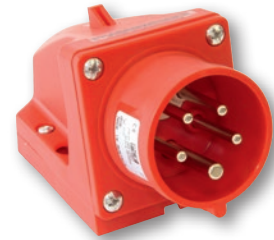
Amp.	Poles	pack. unit
16	5	10
16	5	10
32	4	10
32	4	10
32	5	10
32	5	10

Cat.No.	Cat.No.
	7715-6
	7715-6d
7724-9	7724-6
7724-9d	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

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



77152-6k

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

16	5	10
32	4	10
32	5	10

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



8624-6

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

16	5	10
32	4	10
32	5	10

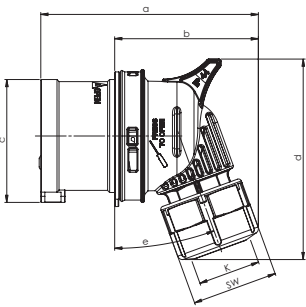
	<b>86152-6</b>
86242-9	86242-6
	<b>86252-6</b>



86152-6



# Phase inverters

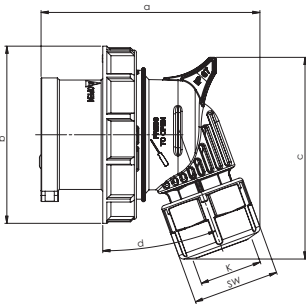


## Twist Phase inverter - Angled plug IP44

	16 Amp		32 Amp	
	4	5	4	5
Poles	4	5	4	5
a	98	108	127	135
b	62	71	82	90
c	53	61	63	70
d	87	99	111	114
e [°]	15	20	25	25
K_cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Connection type:	Screw terminal			
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100 Ncm		110 Ncm	
SW	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

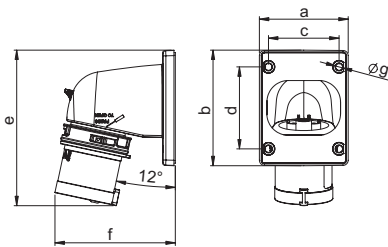


## Twist Phase inverter - Angled plug IP67

	16 Amp		32 Amp	
	4	5	4	5
Poles	4	5	4	5
a	98	108	127	135
b	62	71	93	90
c	53	61	111	70
d [°]	15	20	25	25
K_cable Ø [mm]	6-15	8-16	11,5-20	11,5-22
Connection type:	Screw terminal			
Wire flexible class 5 or 6 [mm²]	1-2,5		2,5-6	
Contact screws [Ncm]	100 Ncm		110 Ncm	
SW	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

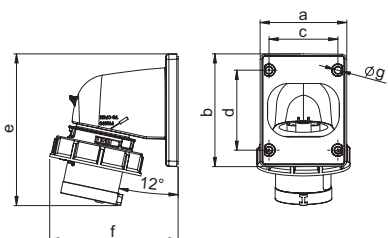


## Twist Phase inverter - Flanged plug angled IP44

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

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

**IP44** splashproof



## Twist Phase inverter - Flanged plug angled IP67

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

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

**IP67** watertight

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



7414-6



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

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



74142-6



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

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

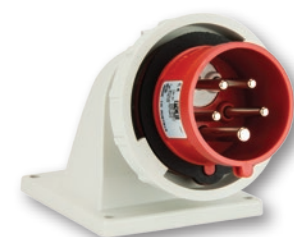


77814-6



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

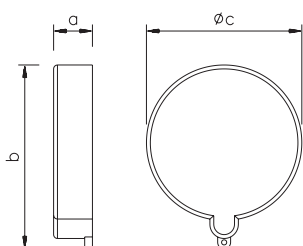
778142-9	778142-6
	778152-6
778242-9	778242-6
	778252-6



778152-6



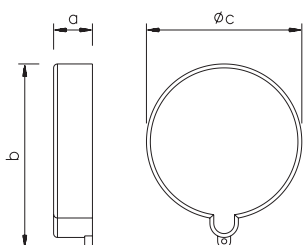
# Accessories



## Cap 16 and 32A

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

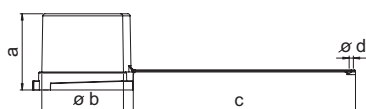
- for plugs and appliance plugs to protect contacts against dust
- material: TPE/PP



## Cap 63 and 125A

Poles	63 Amp			125 Amp		
	3	4	5	3	4	5
a	21	21	21	21	21	21
b	82	82	82	93	93	93
c	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 63 and 125A

Poles	63 Amp			125 Amp		
	3	4	5	3	4	5
a	72	72	72	82	82	82
b	78	78	78	91	91	91
c	211	211	211	205	205	205
d	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 14/15

**Shark / TURBOSHARK 16/32A** wrench open, L=215mm

**711632**

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

**7163125**





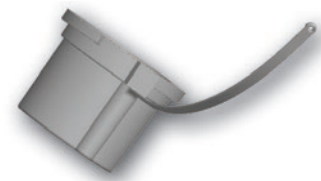
Amp.	Poles	pack unit	Cat.No.
16	3		ts613g
16	4		ts614g
16	5		ts615g
32	3	}	ts623g
32	4		
32	5		



63	3	}	ts635g
63	4		
63	5		
125	3	}	ts645g
125	4		
125	5		



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



## Cable gland IP68, black

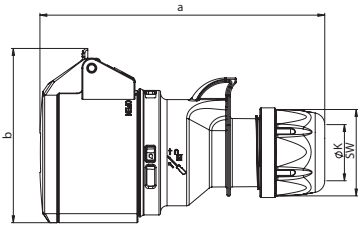
**Note:** For entries without threads, marked by „Ø“, the appropriate lock nuts should be used!

size	thread lenth	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



# Connectors

## Shark Connector IP44

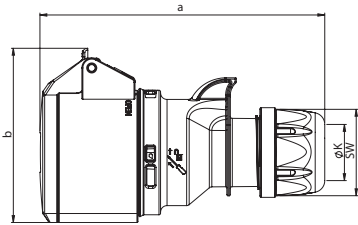


	16 Amp			32 Amp		
	3	4	5	3	4	5
a	133	138	145	161	161	168
b	74	82	89	94	94	99
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100 Ncm			110 Ncm		
SW	42	42	42	50	50	50
Weight [g]	134	161	188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

## Turbo Shark Connector IP44

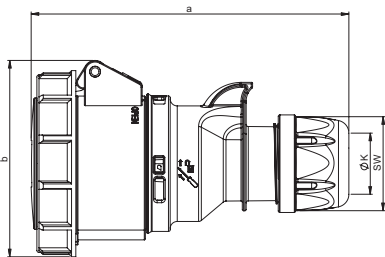


	16 Amp			32 Amp		
	3	4	5	3	4	5
a	133	138	145	161	161	168
b	74	82	89	94	94	99
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Connection type:	Screwless terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
SW	42	42	42	50	50	50
Weight [g]	136	161	193	228	243	271

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

**IP44** splashproof

## Shark Connector IP67

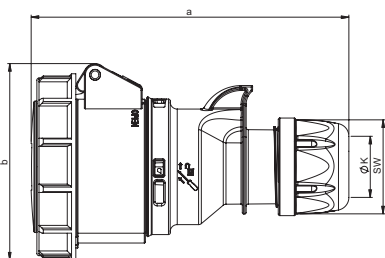


	16 Amp			32 Amp		
	3	4	5	3	4	5
a	132	139	147	163	163	171
b	78	84	92	96	96	102
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100 Ncm			110 Ncm		
SW	42	42	42	50	50	50
Weight [g]	155	186	227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

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

**IP67** watertight

## Turbo Shark Connector IP67



	16 Amp			32 Amp		
	3	4	5	3	4	5
a	132	139	147	163	163	171
b	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
Connection type:	Screwless terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
SW	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

**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	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

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

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

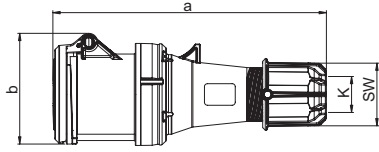
16	3	10	2132-4TT	<b>2132-6TT</b>	2132-9TT			
16	4	10	2142-4TT	2142-9TT	<b>2142-6TT</b>			
16	5	10	2152-4TT	2152-9TT	<b>2152-6TT</b>			
32	3	10	2232-4TT	<b>2232-6TT</b>	2232-9TT			
32	4	10	2242-4TT	2242-9TT	<b>2242-6TT</b>			
32	5	10	2252-4TT	2252-9TT	<b>2252-6TT</b>			



2252-6TT



# Connectors

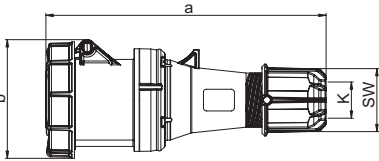


## Power Twist Connector IP44

	63 Amp		
Poles	3	4	5
a	269	269	269
b	107	107	107
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36
Connection type:	Contact frame with screws		
Wire flexible [mm <sup>2</sup> ]	6-16		
Contact screws [Ncm]	200 Ncm		
SW	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 please add a „5“ e.g. 23351-6 (see page 10)
- to order with pilot contact system (PCS) please add a „6“ e.g. 23361-6 (see page 10)

IP44 splashproof

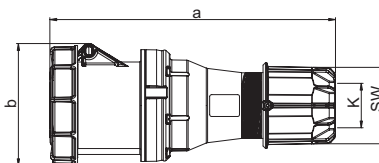


## Power Twist Connector IP66/67

	63 Amp		
Pole	3	4	5
a	269	269	269
b	114	114	114
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36
Connection type:	Contact frame with screws		
Wire flexible [mm <sup>2</sup> ]	6-16		
Contact screws [Ncm]	200 Ncm		
SW	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 please add a „5“ e.g. 2335-6 (see page 10)
- to order with pilot contact system (PCS) please add a „6“ e.g. 2336-6 (see page 10)

IP66/67 watertight



## Power Twist Connector IP66/67

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

- contact frame with screws
- housing material: PA6
- contacts: brass with lamellar contact CuBe
- to order with pilot contact please add a „5“ e.g. 2435-6 (see page 10)
- to order with pilot contact system (PCS) please add a „6“ e.g. 2436-6 (see page 10)

IP66/67 watertight

**POWER  
TWIST**



■ ■ ■ Safety

■ ■ ■ High impact resistance

■ ■ ■ Optimum grip

■ ■ ■ Large connection area

■ ■ ■ Time saving

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



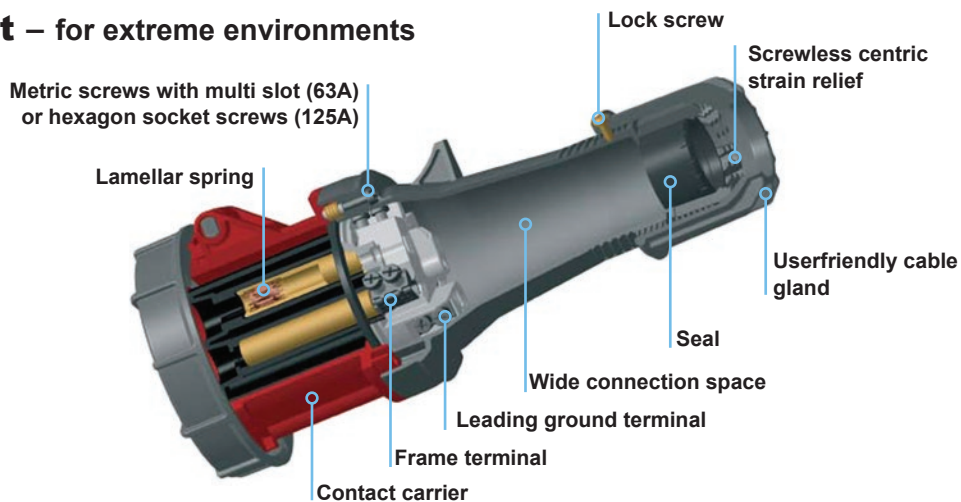
235-6

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

**Wall sockets**

Page

**58**



**Flanged sockets straight**

Page

**70**



**Flanged sockets sloping**

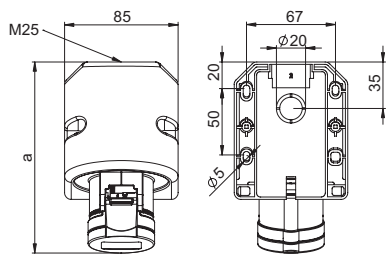
Page

**80**





# Wall sockets



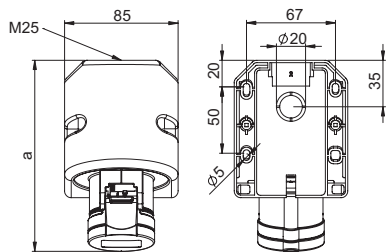
b=height  
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## Wall socket IP44

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

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

**IP44** splashproof



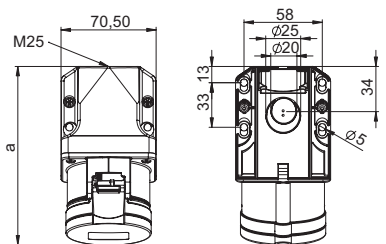
b=height  
angle=15°

## Turbo Twist Wall socket IP44

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

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

**IP44** splashproof



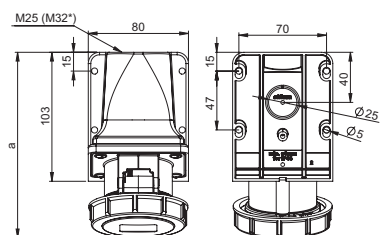
b=height  
angle=15°

## Wall socket IP44

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

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

**IP44** splashproof



b=height  
angle=15°

## Wall socket IP67

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

- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 1152-6v
  - to order Turbo Twist 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

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

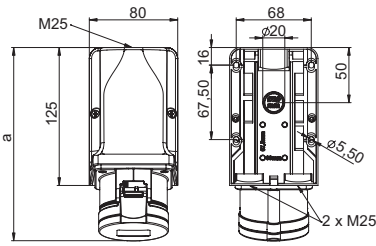
16	3	5	1132-4	<b>1132-6</b>	1132-9	1132-7	1132-10	1132-2
16	4	5	1142-4	1142-9	<b>1142-6</b>	1142-7	1142-10	1142-2
16	5	5	1152-4	1152-9	<b>1152-6</b>	1152-7	1152-10	1152-2
32	3	5	1232-4	<b>1232-6</b>	1232-9	1232-7	1232-10	1232-2
32	4	5	1242-4	1242-9	<b>1242-6</b>	1242-7	1242-10	1242-2
32	5	5	1252-4	1252-9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



1152-6



# Wall sockets



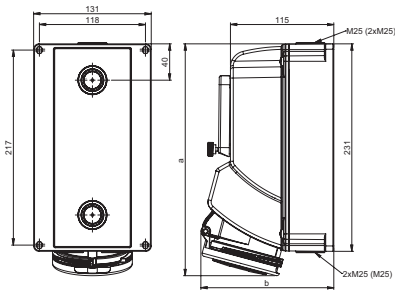
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angle=15°

## Wall socket IP44

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

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

**IP44** splashproof



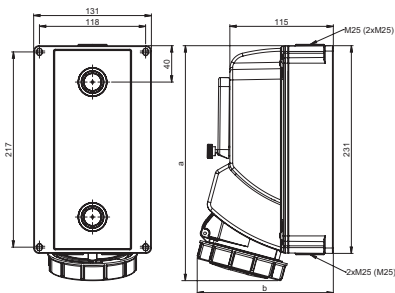
## Wall socket with window IP44

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

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

**IP44** splashproof

\* Option: M32 or closed



## Wall socket with window IP67

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

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

**IP67** watertight

\* Option: M32 or closed



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



913-6

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

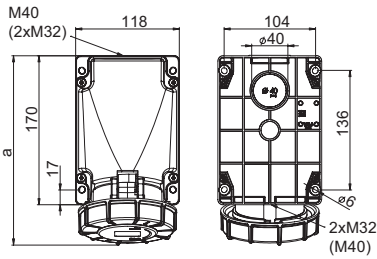
16	3	1	751323-4	<b>751323-6</b>	751323-9	751323-7
16	4	1	751423-4	751423-9	<b>751423-6</b>	751423-7
16	5	1	751523-4	751523-9	<b>751523-6</b>	751523-7
32	3	1	752323-4	<b>752323-6</b>	752323-9	752323-7
32	4	1	752423-4	752423-9	<b>752423-6</b>	752423-7
32	5	1	752523-4	752523-9	<b>752523-6</b>	752523-7



752523-6



# Wall sockets



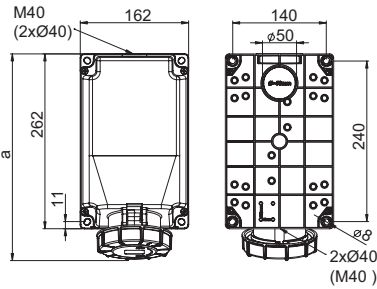
b=height  
angle=15°

## Power Twist Wall socket IP66/67

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

- contact frame with screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact please add a „5“ e.g. 1335-6 (see page 10)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 1336-6 (see page 10)
- 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



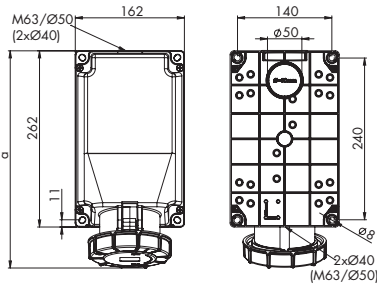
b=height  
angle=15°

## Power Twist Wall socket IP66/67

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

- contact frame with screws
- housing material: PC/ABS
- contacts: brass with lamellar contact CuBe
  - to order with pilot contact please add a „5“ e.g. 13557-6 (see page 10)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 13567-6 (see page 10)
- 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



b=height  
angle=15°

## Power Twist Wall socket IP66/67

	125 Amp		
Poles	3	4	5
a	322	322	322
b	205	205	205
Connection type: Contact frame with screws			
Wire flexible [mm <sup>2</sup> ]	16-50		
solid [mm <sup>2</sup> ]	16-50		
Contact screws [Ncm]	450 Ncm		
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 please add a „5“ e.g. 1455-6 (see page 10)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 1456-6 (see page 10)
- 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!

**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.

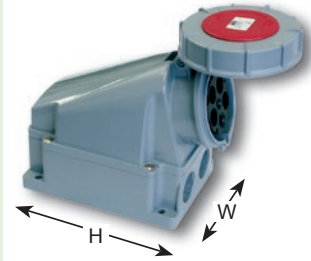
Cat.No.

Cat.No.

Cat.No.

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

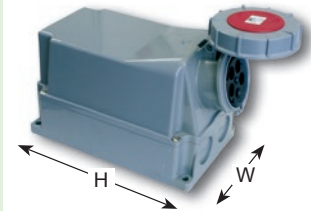
63	3	2	133-4	<b>133-6</b>	133-9	133-7	133-10	133-2
63	4	2	134-4	134-9	<b>134-6</b>	134-7	134-10	134-2
63	5	2	135-4	135-9	<b>135-6</b>	135-7	135-10	135-2



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



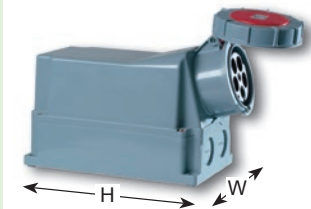
1357-6

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



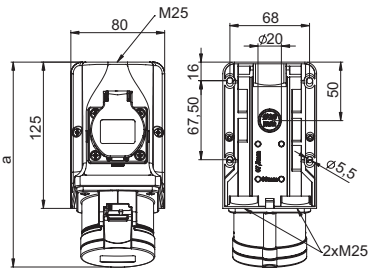
145-6



Accessories (cable glands) see page 51



# Wall sockets COMBO



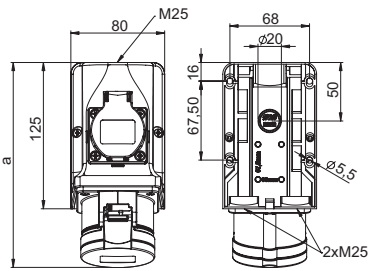
b=height  
angle=15°

## Wall socket COMBO IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	175	176	176	188	188	188
b	127	130	133	136	136	141
M	3x25	3x25	3x25	3x25	3x25	3x25
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws CEE [Ncm]	100 Ncm			110 Ncm		
Screw terminals [Ncm] 120 Ncm						
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



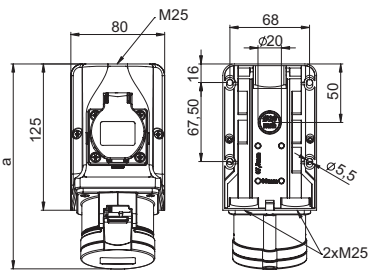
b=height  
angle=15°

## Wall socket COMBO IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	175	176	176	188	188	188
b	127	130	133	136	136	141
M	3x25	3x25	3x25	3x25	3x25	3x25
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws CEE [Ncm]	100 Ncm			110 Ncm		
Screw terminals [Ncm] 120 Ncm						
Contact screws SSD [Ncm]	80 Ncm					
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



b=height  
angle=15°

## Wall socket COMBO IP44

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

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

**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>9223-6</b>
9224-9

<b>9214-6</b>
<b>9215-6</b>
<b>9224-6</b>
<b>9225-6</b>



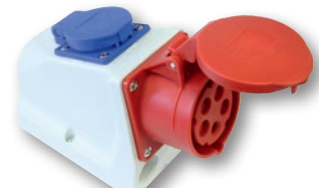
9215-6



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

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

<b>9214-6w</b>
<b>9215-6w</b>
<b>9224-6w</b>
<b>9225-6w</b>



9215-6w

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

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

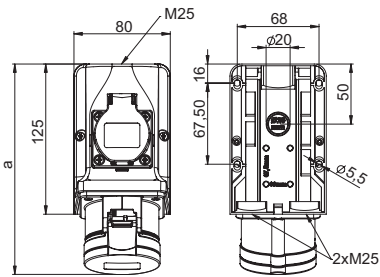
<b>9214-6f</b>
<b>9215-6f</b>
<b>9224-6f</b>
<b>9225-6f</b>



9215-6f



# Wall sockets COMBO



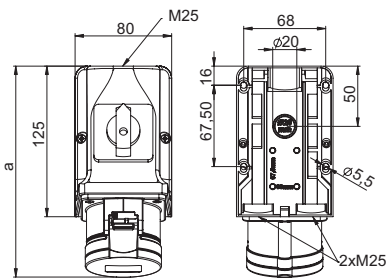
b=height  
angle=15°

## Wall socket COMBO IP44

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

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



## Wall socket with switch IP44

	16 Amp	32 Amp
	5	5
a	176	188
b	133	143
M	3x25	3x25
Connection type:	Screw terminal	
Wire flexible [mm <sup>2</sup> ]	1-2,5	2,5-6
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.**

**9213-6fw**

9214-9fw

**9223-6fw**

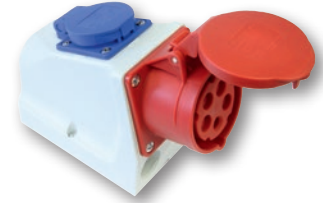
9224-9fw

**9214-6fw**

**9215-6fw**

**9224-6fw**

**9225-6fw**



9215-6fw

16	5	5
32	5	5

**75915-6**

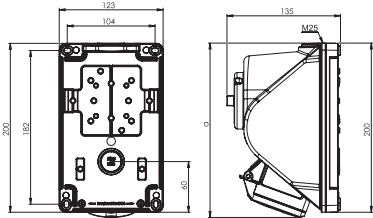
**75925-6**



75915-6



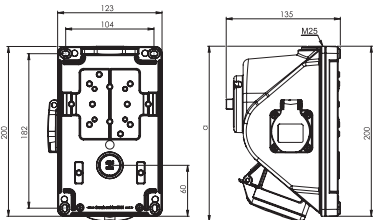
# Wall sockets COMBOPOL



## Wall socket COMBO-POL with flanged socket sloping

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

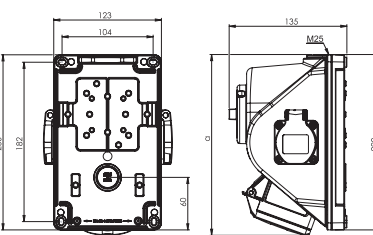
- CEE 16A 3p to 32A 5p
  - with screw terminals
  - housing material: PA6
  - contacts: nickel-plated contacts
- IP44** splashproof  
**IP67** on request



## Wall socket COMBO-POL with flanged socket sloping

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

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

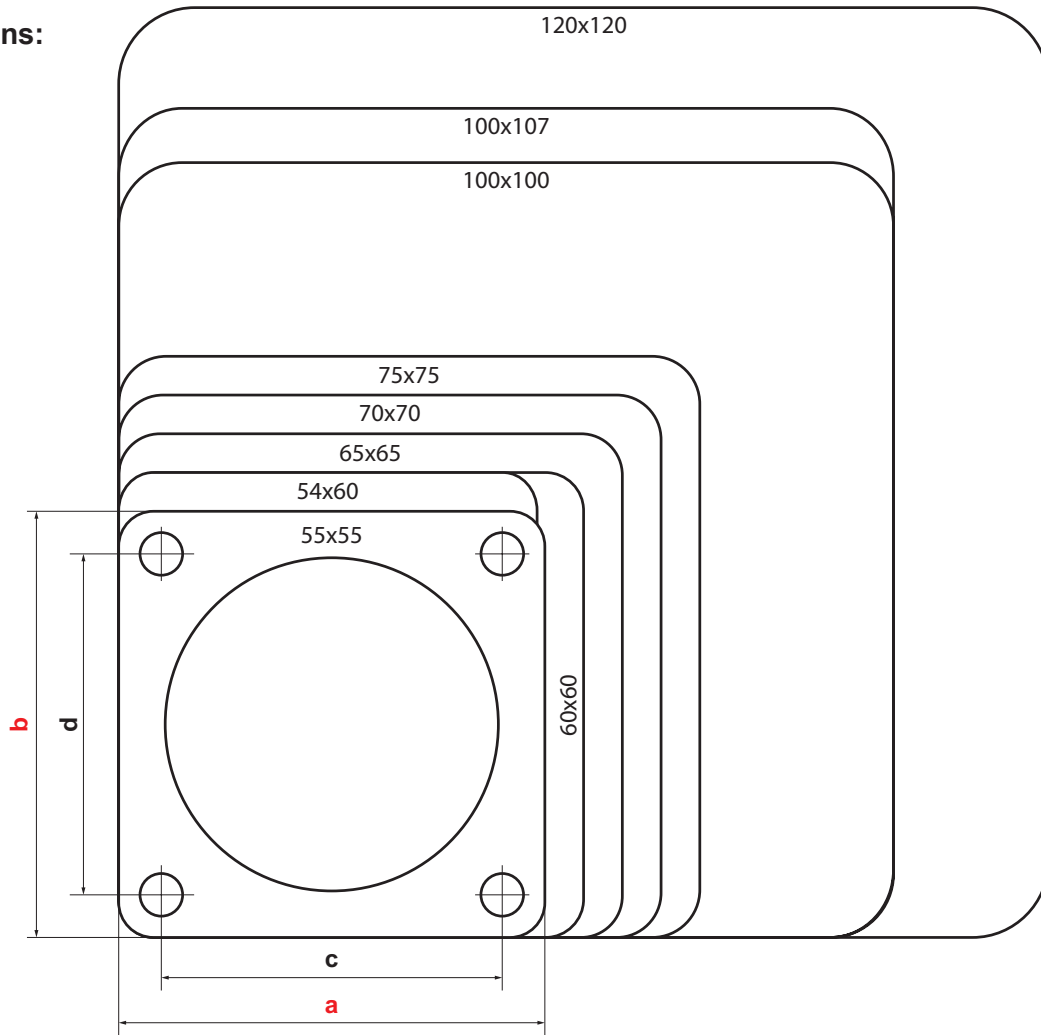
- solid, robust construction
- large opening angle of the lid
- screws/terminals are open when delivered
- advanced earthing contact
- contact frame with screws for 63/125A
- lamellar spring contacts for 63/125A






# Flanged sockets straight

Dimensions:



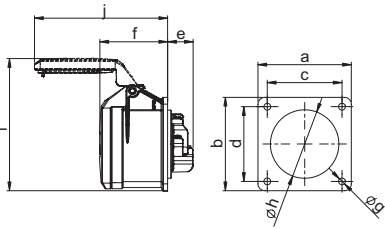
Versions:

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	74-75	IP44*											
					IP67*											
55	55	44	44	74-75	IP44*											
					IP67*											
60	60	47	47	74-75	IP44*	IP44*										
					IP67*											
65	65	52	52	74-75	IP44*	IP44*										
					IP67*											
70	70	56	56	72-73	IP44*	IP44*	IP44*	IP44*	IP44*	IP44*						
					IP67*		IP67*			IP67*						
75	75	60	60	70-71	IP44*	IP44*	IP44*	IP44*	IP44*	IP44*						
					IP67*	IP67*	IP67*	IP67*	IP67*	IP67*						
100	100	80	80	76-77							IP44	IP44	IP44			
											IP67	IP67	IP67			
100	107	77	85	76-77							IP44	IP44	IP44			
											IP67	IP67	IP67			
120	120	100	100	76-77										IP67	IP67	IP67

\* also available in screwless connection technology (TT) 



# Flanged sockets straight

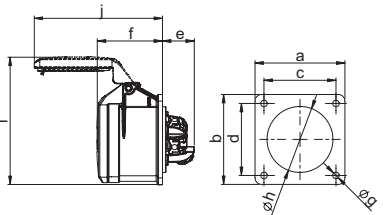


## Flanged socket straight IP44

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

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

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

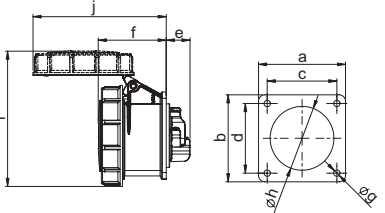


## Turbo Twist Flanged socket straight IP44

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

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

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

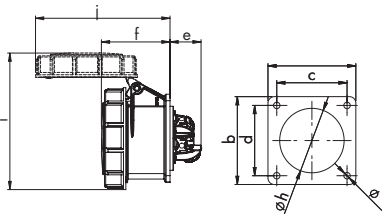


## Flanged socket straight IP44

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

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

**IP67** watertight

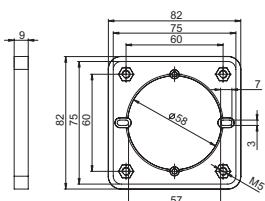


## Turbo Twist Flanged socket straight IP44

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

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

**IP67** watertight

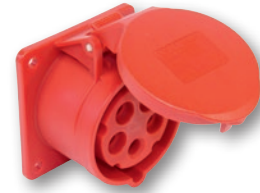


## Cable conduit installation

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

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

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



313-6TTf7

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.
<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



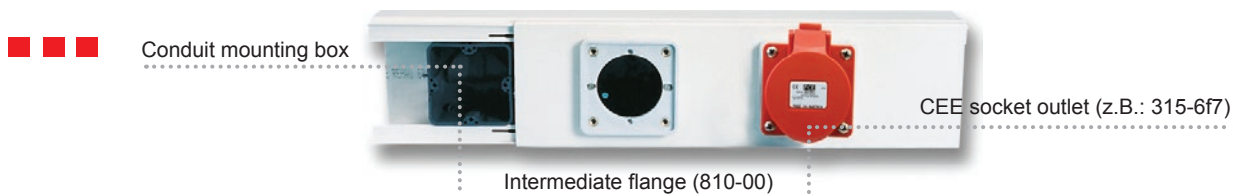
3152-6

Amp.	Poles	pack. unit	110V~	230V~	400V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h
			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>

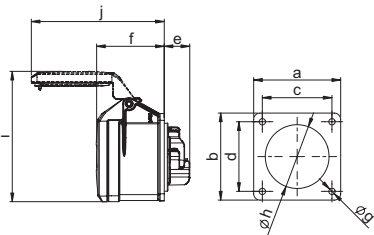
**TURBO TWIST**  
click



3132-6TT



# Flanged sockets straight

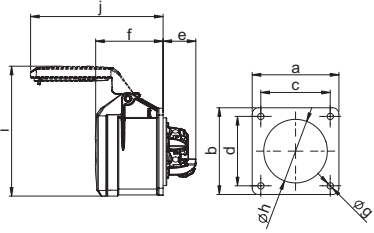


## Flanged socket straight IP44

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

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

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

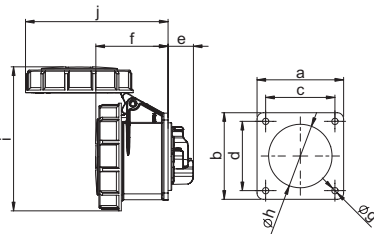


## Turbo Twist Flanged socket straight IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
Flange a x b	70	70	70	70	70	70
Fixing center c x d	56	56	56	56	56	56
e	27	27	27	27	27	27
f	55	55	55	67	67	67
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	45	55	55	55	58
i	87	101	105	112	112	108
j	101	101	107	122	122	136
Connection type: Screwless terminal						
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
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. 315-6TTv

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

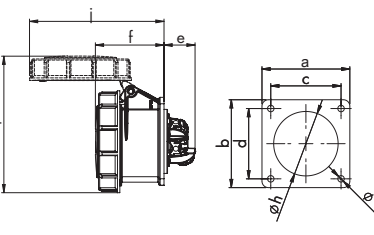


## Flanged socket straight IP44

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

- with screw terminals
- housing material: PA6
- contacts: brass
- to order nickel-plated contacts please add a "v" e.g. 3152-6Tf0v

**IP67** watertight



## Turbo Twist Flanged socket straight IP67

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

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

**IP67** watertight

Amp.	Poles	pack. unit	110V~ 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 70 x 70 - fixing center 56 x 56								
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

flange 70 x 70 - fixing center 56 x 56					
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>



315-6TT

flange 70 x 70 - fixing center 56 x 56								
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

flange 70 x 70 - fixing center 56 x 56								
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

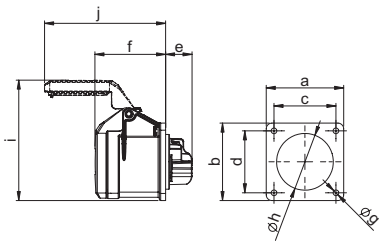


3132-6ttf70





# Flanged sockets straight

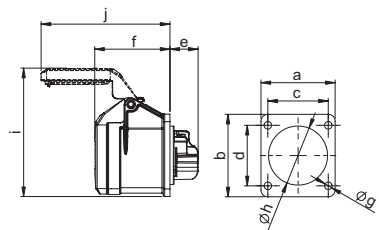


## Flanged socket straight IP44

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

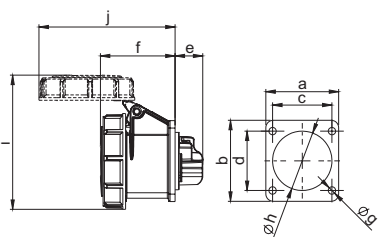


## Flanged socket straight IP44

	16 Amp	
	3	3
Poles	3	3
a	54	55
b	60	55
Fixing center c x d	44	44
e	21	21
f	55	55
g	5,5	5,5
h	43	43
i	82	80
j	101	101
Connection type: Screw terminal		
Wire flexible [mm <sup>2</sup> ]	1-2,5	
solid [mm <sup>2</sup> ]	1-4	
Contact screws [Ncm]	100 Ncm	
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
a	65	60	54	55
b	65	60	60	55
c	52	47	44	44
d	52	47	44	44
e	21	21	21	21
f	56	56	56	56
g	5,5	5,5	5,5	5,5
h	43	43	43	43
i	100	100	100	100
j	101	101	101	101
Connection type: Screw terminal				
Wire flexible [mm <sup>2</sup> ]	1-2,5			
solid [mm <sup>2</sup> ]	1-4			
Contact screws [Ncm]	100 Ncm			
Weight [g]	127	123	124	120

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

**IP67** watertight

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~	>50-500V~	>50-500V~
			50/60Hz 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.
<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

<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

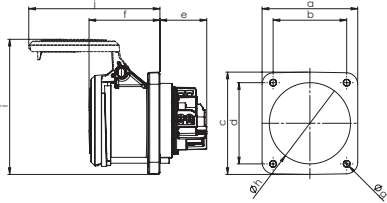
<b>flange 65 x 65 - fixing center 52 x 52</b>								
16	3	10	3132-4f0	<b>3132-6f0</b>	3132-9f0	3132-7f0	3132-10f0	3132-2f0
<b>flange 60 x 60 - fixing center 47 x 47</b>								
16	3	10	3132-4f6	<b>3132-6f6</b>	3132-9f6	3132-7f6	3132-10f6	3132-2f6
<b>flange 54 x 60 - fixing center 44 x 44</b>								
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



# Flanged sockets straight

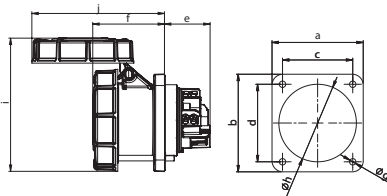


## Power Twist Flanged socket straight IP44

	63 Amp			63 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a	100	100	100	100	100	100
b	100	100	100	107	107	107
c	80	80	80	77	77	77
d	80	80	80	85	85	85
e	50	50	50	50	50	50
f	75	75	75	75	75	75
g	7	7	7	7	7	7
h	85	85	85	85	85	85
i	138	138	138	142	142	142
j	138	138	138	138	138	138
Connection type:	Contact frame with screws					
Wire flexible [mm <sup>2</sup> ]	6-16					
solid [mm <sup>2</sup> ]	6-25					
Contact screws [Ncm]	200 Ncm					
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 p. 10)
- to order with pilot contact system (PCS) please add a „6“ e.g. 33561-6 (see page 10)

IP44 splashproof

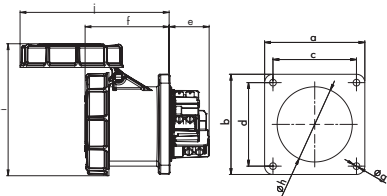


## Power Twist Flanged socket straight IP66/67

	63 Amp			63 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a	100	100	100	100	100	100
b	100	100	100	107	107	107
c	80	80	80	77	77	77
d	80	80	80	85	85	85
e	50	50	50	50	50	50
f	80	80	80	80	80	80
g	7	7	7	7	7	7
h	85	85	85	85	85	85
i	147	147	147	147	147	147
j	146	146	146	146	146	146
Connection type:	Contact frame with screws					
Wire flexible [mm <sup>2</sup> ]	6-16					
solid [mm <sup>2</sup> ]	6-25					
Contact screws [Ncm]	200 Ncm					
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. 33551-6 (see p. 10)
- to order with pilot contact system (PCS) please add a „6“ e.g. 33561-6 (see page 10)

IP66/67 watertight



## Power Twist Flanged socket straight IP66/67

	125 Amp		
	3	4	5
Poles	3	4	5
Flange a x b	120	120	120
Fixing Center c x d	100	100	100
e	48	48	48
f	101	101	101
g	8	8	8
h	90	90	90
i	159	159	159
j	179	179	179
Connection type:	Contact frame with screws		
Wire flexible [mm <sup>2</sup> ]	16-50		
solid [mm <sup>2</sup> ]	16-70		
Contact screws [Ncm]	450 Ncm		
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. 34551-6 (see p. 10)
- to order with pilot contact system (PCS) please add a „6“ e.g. 34561-6 (see page 10)

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.
<b>flange 100 x 100 - fixing center 80 x 80</b>								
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
<b>flange 100 x 107 - fixing center 77 x 85</b>								
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

<b>flange 100 x 100 - fixing center 80 x 80</b>								
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
<b>flange 100 x 107 - fixing center 77 x 85</b>								
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

<b>flange 120 x 120 - fixing center 100 x 100</b>								
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 flanged sockets

## Surface outlet with/for flanged sockets 75x75



80415-6

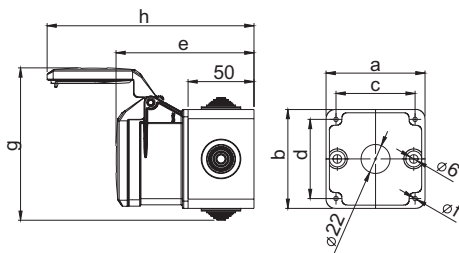
- with screw terminals
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 80015-6v
- suitable for flanged sockets 16A, 32A (75x75)
- available with 2, 4 or without lead-through nipple

IP44 splashproof

Ampere	Poles	pack. unit
<b>with flange 75 x 75</b>		
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

230V~ 50/60Hz 3p=6h		400V~ 50/60Hz 4p+5p=6h	
Best.Nr.	Best.Nr.	Best.Nr.	Best.Nr.
<b>complete surface outlet</b>		<b>surface outlet empty</b>	
80013-6	80014-6 80015-6	80000	} without lead-through nipple
80213-6	80214-6 80215-6	80200	
80413-6	80414-6 80415-6	80400	} 4 lead-through nipples

32A and special clock positions - available on request!



	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
Flange						
a x b	75	75	75	75	75	75
Fixing center						
c x d	60	60	60	60	60	60
e	105	105	105	115	115	115
f	3,3	3,3	3,3	3,3	3,3	3,3
g	110	113	116	118	118	122
h	144	152	157	172	172	77
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100 Ncm			110 Ncm		
Weight [g]	190	205	220	260	270	295



## 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.

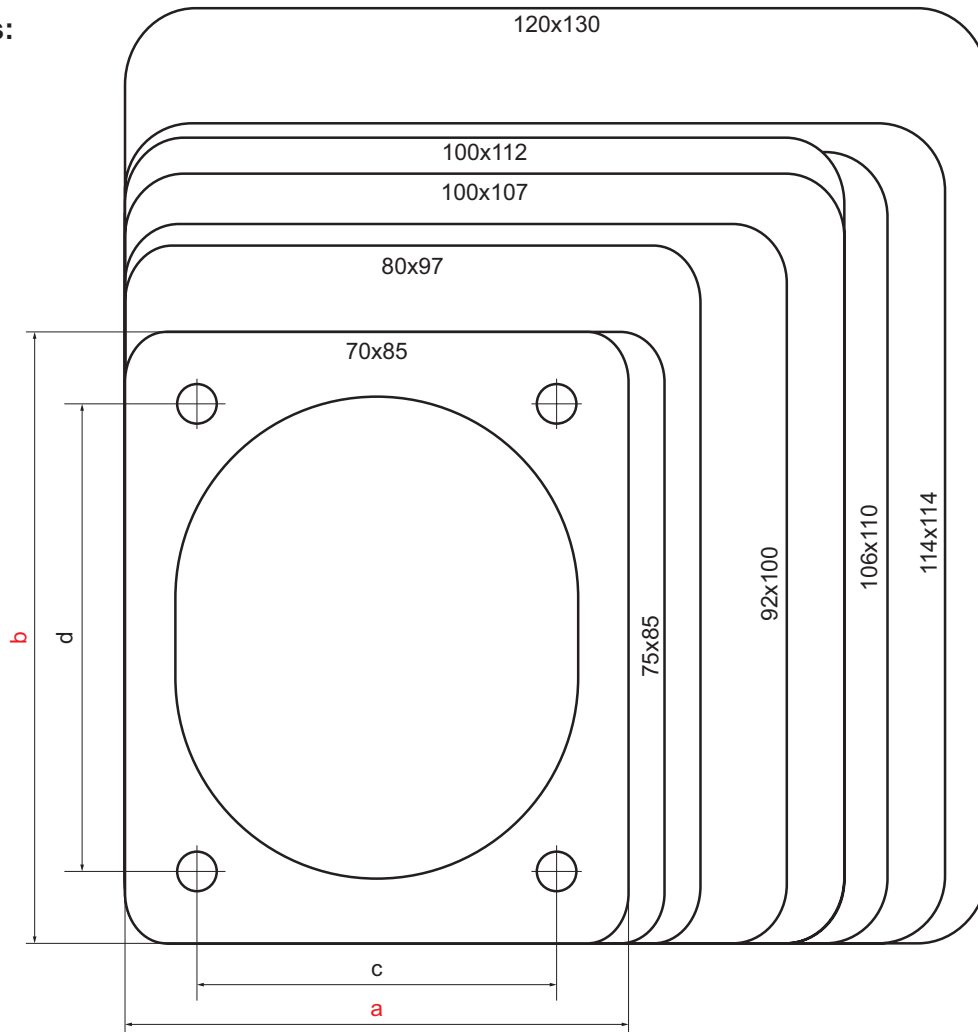


16A	4-times	pack.unit=150/1300 pcs.	<b>ts167s</b>
32A	4-times	pack.unit=150/1000 pcs.	<b>ts327s</b>




## Flanged sockets sloping

Dimensions:



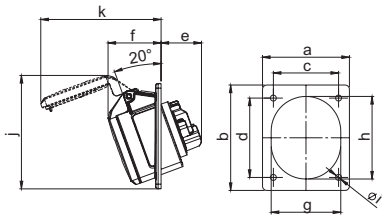
Versions:

flange		fixing-center		page #	16A			32A			63A			125A		
a	b	c	d		3p	4p	5p	3p	4p	5p	3p	4p	5p	3p	4p	5p
70	85	50	65	84-85	IP44* IP67*	IP44* IP67*										
75	85	60	60	86-87	IP44* IP67*	IP44* IP67*	IP44* IP67*									
80	97	60	73	82-83	IP44* IP67*	IP44* IP67*	IP44* IP67*	IP44* IP67*	IP44* IP67*	IP44* IP67*						
92	100	77	85	86-87 88-89	IP44* IP67*	IP44* IP67*	IP44* IP67*	IP44* IP67*	IP44* IP67*	IP44* IP67*						
100	107	77	85	90-91							IP44 IP67	IP44 IP67	IP44 IP67			
100	112	80	88	90-91							IP44 IP67	IP44 IP67	IP44 IP67			
106	110	90	90	90-91							IP44 IP67	IP44 IP67	IP44 IP67			
114	114	90	90	90-91										IP67	IP67	IP67
120	130	100	108	90-91										IP67	IP67	IP67

\* also available in screwless connection technology (TT) 



# Flanged sockets sloping

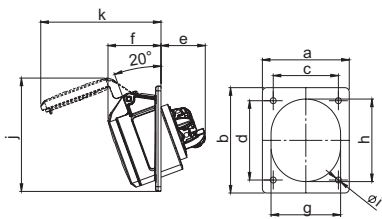


## Flanged socket sloping IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	80	80	80	80	80	80
b	97	97	97	97	97	97
c	60	60	60	60	60	60
d	73	73	73	73	73	73
e	38	38	38	48	48	48
f	47	47	49	54	54	55
g	51	56	65	65	65	70
h	61	67	76	75	75	80
i	5,5	5,5	5,5	5,5	5,5	5,5
j	97	103	105	105	105	99
k	99	104	111	119	119	130
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]						
solid [mm <sup>2</sup> ]						
Contact screws [Ncm]						
Weight [g]						

- 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

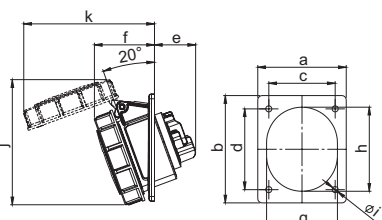


## Turbo Twist Flanged socket sloping IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	80	80	80	80	80	80
b	97	97	97	97	97	97
c	60	60	60	60	60	60
d	73	73	73	73	73	73
e	41	41	41	48	48	48
f	47	47	49	54	54	55
g	51	56	65	65	65	70
h	61	67	76	75	75	80
i	5,5	5,5	5,5	5,5	5,5	5,5
j	97	103	105	105	105	99
k	99	104	111	119	119	130
Connection type: Screwless terminal						
Wire flexible [mm <sup>2</sup> ]						
solid [mm <sup>2</sup> ]						
Weight [g]						

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

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

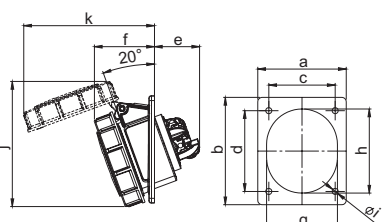


## Flanged socket sloping IP67

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	80	80	80	80	80	80
b	97	97	97	97	97	97
c	60	60	60	60	60	60
d	73	73	73	73	73	73
e	38	38	38	48	48	48
f	50	52	55	59	59	61
g	51	56	65	65	65	70
h	61	67	76	75	75	80
i	5,5	5,5	5,5	5,5	5,5	5,5
j	102	106	114	120	120	127
k	103	110	119	127	127	133
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]						
solid [mm <sup>2</sup> ]						
Contact screws [Ncm]						
Weight [g]						

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

**IP67** watertight



## Turbo Twist Flanged socket sloping IP67

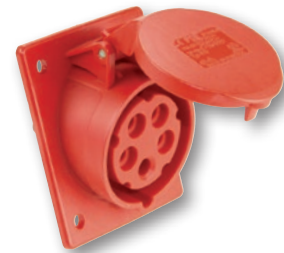
Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	80	80	80	80	80	80
b	97	97	97	97	97	97
c	60	60	60	60	60	60
d	73	73	73	73	73	73
e	41	41	41	48	48	48
f	50	52	55	59	59	61
g	51	56	65	65	65	70
h	61	67	76	75	75	80
i	5,5	5,5	5,5	5,5	5,5	5,5
j	102	106	114	120	120	127
k	103	110	119	127	127	133
Connection type: Screwless terminal						
Wire flexible [mm <sup>2</sup> ]						
solid [mm <sup>2</sup> ]						
Weight [g]						

- 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>



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>

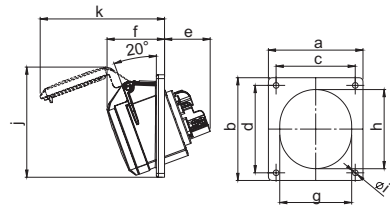


4152-6TTf78



# Flanged sockets sloping

## Flanged socket sloping IP44

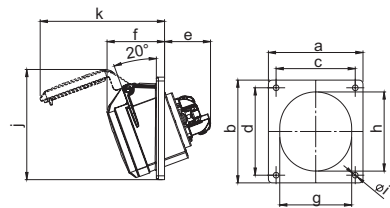


		16 Amp	
Poles	3	4	
a	70	70	
b	85	85	
c	50	50	
d	65	65	
e	38	38	
f	47	47	
g	51	56	
h	61	67	
i	5,5	5,5	
j	85	96	
k	99	104	
Connection type:	Screw terminal		
Wire flexible [mm <sup>2</sup> ]	1-2,5		
solid [mm <sup>2</sup> ]	1-4		
Contact screws [Ncm]	100 Ncm		
Weight [g]	111	127	

- 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

## Turbo Twist Flanged socket sloping IP44

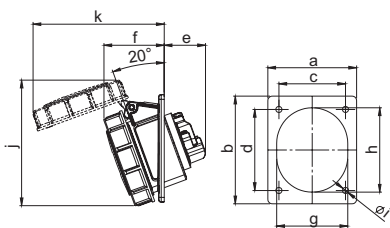


		16 Amp	
Poles	3	4	
a	70	70	
b	85	85	
c	50	50	
d	65	65	
e	41	41	
f	47	47	
g	51	56	
h	61	67	
i	5,5	5,5	
j	85	96	
k	99	104	
Connection type:	Screwless terminal		
Wire flexible [mm <sup>2</sup> ]	1-2,5		
solid [mm <sup>2</sup> ]	1-4		
Weight [g]	114	128	

- 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

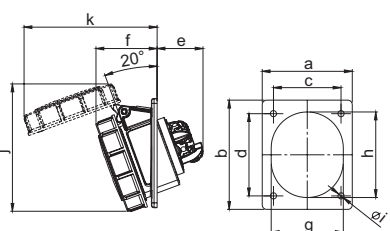


		16 Amp	
Poles	3	4	
a	70	70	
b	85	85	
c	50	50	
d	65	65	
e	38	38	
f	50	52	
g	51	56	
h	61	67	
i	5,5	5,5	
j	97	104	
k	102	111	
Connection type:	Screw terminal		
Wire flexible [mm <sup>2</sup> ]	1-2,5		
solid [mm <sup>2</sup> ]	1-4		
Contact screws [Ncm]	100 Ncm		
Weight [g]	128	132	

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

**IP67** watertight

## Turbo Twist Flanged socket sloping IP67



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

- with screw terminals
- three-piece version
- 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>

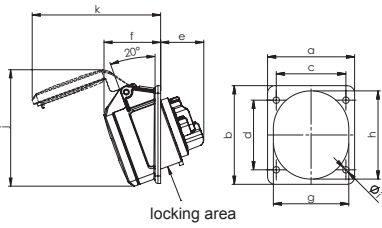


4132-6TTf78





# Flanged sockets sloping

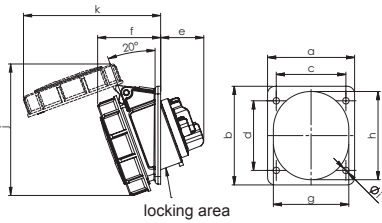


## Flanged socket sloping IP44

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

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

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

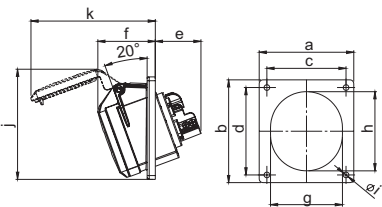


## Flanged socket sloping IP67

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

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

**IP67** watertight

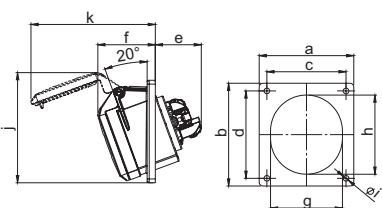


## Flanged socket sloping IP44

Poles	16 Amp		32 Amp	
	3	4	3	5
a	92	92	92	92
b	100	100	100	100
c	77	77	77	77
d	85	85	85	85
e	38	48	48	48
f	49	54	54	55
g	65	65	65	70
h	76	75	75	80
i	5,5	5,5	5,5	5,5
j	107	107	107	101
k	111	121	121	132
Connection type: Screw terminal				
Wire flexible [mm <sup>2</sup> ]: 1-2,5				
solid [mm <sup>2</sup> ]: 1-4				
Contact screws [Ncm]: 100 Ncm				
Weight [g]: 166				
180				
198				
229				

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

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



## Turbo Twist Flanged socket sloping IP44

Poles	16 Amp		32 Amp	
	3	4	3	5
a	92	92	92	92
b	100	100	100	100
c	77	77	77	77
d	85	85	85	85
e	41	48	48	48
f	49	54	54	55
g	65	65	65	70
h	76	75	75	80
i	5,5	5,5	5,5	5,5
j	107	107	107	101
k	111	121	121	132
Connection type: Screwless terminal				
Wire flexible [mm <sup>2</sup> ]: 1-2,5				
solid [mm <sup>2</sup> ]: 1-4				
Weight [g]: 170				
180				
197				
230				

- 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

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	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>flange 75 x 85 - fixing center 60 x 60</b>								
16	3	10	413-4f87	<b>413-6f87</b>	413-9f87	413-7f87	413-10f87	413-2f87
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



415-6f87

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>flange 75 x 85 - fixing center 60 x 60</b>								
16	3	10	4132-4f87	<b>4132-6f87</b>	4132-9f87	4132-7f87	4132-10f87	4132-2f87
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

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>flange 92 x 100 - fixing center 77 x 85</b>								
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

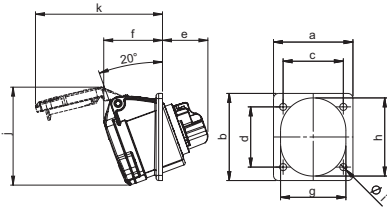
Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.
<b>flange 92 x 100 - fixing center 77 x 85</b>					
16	5	10	415-4TTf9	415-9TTf9	<b>415-6TTf9</b>
32	3	10	423-4TTf9	<b>423-6TTf9</b>	423-9TTf9
32	4	10	424-4TTf9	424-9TTf9	<b>424-6TTf9</b>
32	5	10	425-4TTf9	425-9TTf9	<b>425-6TTf9</b>



425-9TTf9



# Flanged sockets sloping

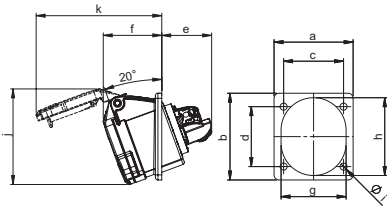


## Flanged socket sloping, lockable IP44

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

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

**IP44/54** splash- and dustproof

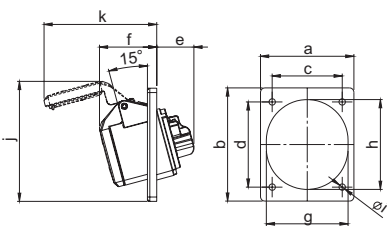


## Turbo Twist Flanged socket sloping, lockable IP44

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

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

**IP44/54** splash- and dustproof

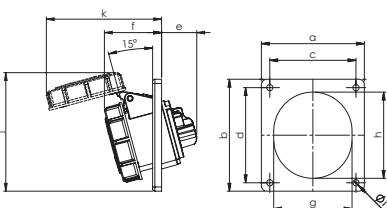


## Twist Flanged socket sloping IP44

16 Amp		
Poles	3	4
a	92	92
b	100	100
c	77	77
d	85	85
e	32	33
f	50	50
g	70	70
h	77	77
i	5,5	5,5
j	105	108
k	97	104
Connection type:	Screw terminal	
Wire flexible [mm <sup>2</sup> ]	1-2,5	
solid [mm <sup>2</sup> ]	1-4	
Contact screws [Ncm]	100 Ncm	
Weight [g]	136	167

- with screw terminals
- three-piece version
- housing material: PA6
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 414-6f9v

**IP44** splashproof



## Twist Flanged socket sloping IP67

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	92	92	92	92	92	92
b	100	100	100	100	100	100
c	77	77	77	77	77	77
d	85	85	85	85	85	85
e	32	33	35	40	40	40
f	52	53	54	64	64	65
g	70	70	70	77	77	77
h	77	77	77	88	88	88
i	5,5	5,5	5,5	5,5	5,5	5,5
j	106	109	115	121	121	128
k	103	111	117	132	132	136
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100 Ncm			110 Ncm		
Weight [g]	179	190	222	253	270	308

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

**IP67** 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.

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



413-6f66

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



413-6TTf66

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



413-6f9

flange 92 x 100 - fixing center 77 x 85

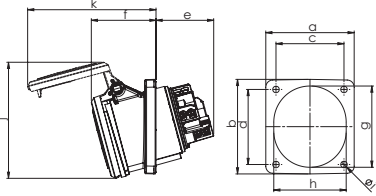
16	3	10	4132-4	<b>4132-6</b>	4132-9	4132-7	4132-10	4132-2
16	4	10	4142-4	4142-9	<b>4142-6</b>	4142-7	4142-10	4142-2
16	5	10	4152-4	4152-9	<b>4152-6</b>	4152-7	4152-10	4152-2
32	3	10	4232-4	<b>4232-6</b>	4232-9	4232-7	4232-10	4232-2
32	4	10	4242-4	4242-9	<b>4242-6</b>	4242-7	4242-10	4242-2
32	5	10	4252-4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



4152-6



# Flanged sockets sloping

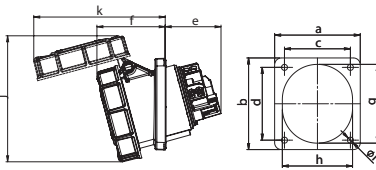


## Power Twist Flanged socket sloping IP44

Poles	63 Amp			63 Amp			63 Amp		
	3	4	5	3	4	5	3	4	5
a	100	100	100	100	100	100	106	106	106
b	112	112	112	107	107	107	110	110	110
c	80	80	80	77	77	77	90	90	90
d	88	88	88	85	85	85	90	90	90
e	64	64	64	64	64	64	64	64	64
f	74	74	74	74	74	74	74	74	74
g	92	92	92	92	92	92	92	92	92
h	82	82	82	82	82	82	82	82	82
i	7	7	7	7	7	7	7	7	7
j	132	132	132	132	132	132	132	132	132
k	146	146	146	146	146	146	146	146	146
Connection type:	Contact frame with screws								
Wire flexible [mm <sup>2</sup> ]	6-16								
solid [mm <sup>2</sup> ]	6-25								
Contact screws [Ncm]	200 Ncm								
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 10)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 43361-6 (see page 10)

**IP44** splashproof

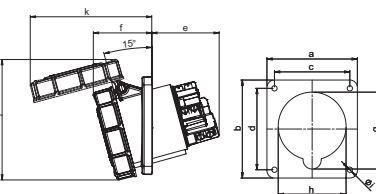


## Power Twist Flanged socket sloping IP67

Poles	63 Amp			63 Amp			63 Amp		
	3	4	5	3	4	5	3	4	5
a	100	100	100	100	100	100	106	106	106
b	112	112	112	107	107	107	110	110	110
c	80	80	80	77	77	77	90	90	90
d	88	88	88	85	85	85	90	90	90
e	64	64	64	64	64	64	64	64	64
f	80	80	80	80	80	80	80	80	80
g	92	92	92	92	92	92	92	92	92
h	82	82	82	82	82	82	82	82	82
i	7	7	7	7	7	7	7	7	7
j	148	148	148	148	148	148	148	148	148
k	154	154	154	154	154	154	154	154	154
Connection type:	Contact frame with screws								
Wire flexible [mm <sup>2</sup> ]	6-16								
solid [mm <sup>2</sup> ]	6-25								
Contact screws [Ncm]	200 Ncm								
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 9)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 4356-6 (see page 10)

**IP66/67** watertight



## Power Twist Flanged socket sloping IP67

Poles	125 Amp			125 Amp		
	3	4	5	3	4	5
a	120	120	120	114	114	114
b	130	130	130	114	114	114
c	100	100	100	90	90	90
d	108	108	108	90	90	90
e	92	92	92	92	92	92
f	77	77	77	77	77	77
g	102	102	102	102	102	102
h	90	90	90	90	90	90
i	7	7	7	7	7	7
j	160	160	160	160	160	160
k	162	162	162	162	162	162
Connection type:	Contact frame with screws					
Wire flexible [mm <sup>2</sup> ]	16-50					
solid [mm <sup>2</sup> ]	16-70					
Contact screws [Ncm]	450 Ncm					
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 10)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 4456-6 (see page 10)

**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.
<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**

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**Surface outlet**

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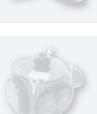
**Flush outlet**

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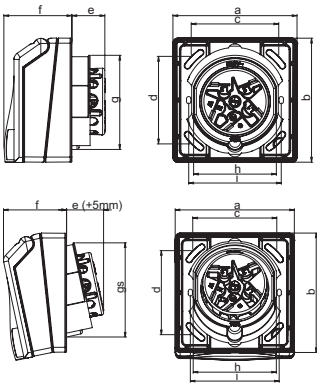
**Accessories**

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# Design Socket

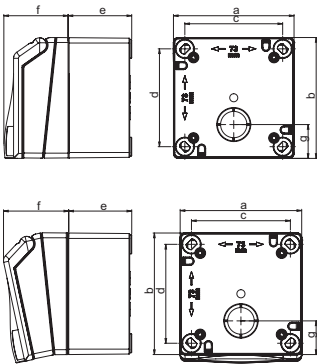


## Flanged socket

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

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

**IP44** splashproof

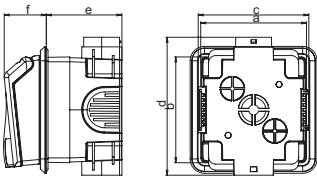


## Surface outlet

	16 Amp			32 Amp	SSD
Poles	3	4	5	5	2P+E
Flange					
a x b	90	90	90	90	90
Fixing center					
c x d	73	73	73	73	73
e	47	47	47	47	47
f	48	48	48	48	48
g	25	25	25	25	25
Connection type:	Screw terminal				
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6	1 - 2x2,5
solid [mm <sup>2</sup> ]	1-4			2,5-10	1 - 2x2,5
Contact screws [Ncm]	100 Ncm			110 Ncm	80 Ncm
Weight [g]	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
Poles	3	4	5	5	2P+E
Flange					
a x b	90	90	90	90	90
Fixing center					
c	92	92	92	92	92
d	115	115	115	115	115
e	64	64	64	64	64
f	35	35	35	35	35
Connection type:	Screw terminal				
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6	1 - 2x2,5
solid [mm <sup>2</sup> ]	1-4			2,5-10	1 - 2x2,5
Contact screws [Ncm]	100 Ncm			110 Ncm	80 Ncm
Weight [g]	278	298	313	373	240

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

**IP44** splashproof



Safe against ball throwing

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

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



**110V~**

50/60Hz  
4h

**230V~**

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

**400V~**

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

**250V~**

50/60Hz  
2P+E

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

**Cat.No.**

**Cat.No.**

**Cat.No.**

**Cat.No.**

(CEE-socket)

(CEE-socket)

(CEE-socket)

(with safety socket acc.  
Austrian/German system)

16	3	6
16	4	6
16	5	6
32	5	6
16	2P+E	6

843-4v	<b>843-6v</b>	843-9v
844-4v	844-9v	<b>844-6v</b>
845-4v	845-9v	<b>845-6v</b>
855-4v	855-9v	<b>855-6v</b>

<b>8430v</b>
--------------



845-6v

8430v

16	3	6
16	4	6
16	5	6
32	5	6
16	2P+E	6

863-4v	<b>863-6v</b>	863-9v
864-4v	864-9v	<b>864-6v</b>
865-4v	865-9v	<b>865-6v</b>
875-4v	875-9v	<b>875-6v</b>

<b>8630v</b>
--------------



865-6v

8630v

16	3	6
16	4	6
16	5	6
32	5	6
16	2P+E	6

883-4v	<b>883-6v</b>	883-9v
884-4v	884-9v	<b>884-6v</b>
885-4v	885-9v	<b>885-6v</b>
895-4v	895-9v	<b>895-6v</b>

<b>8830v</b>
--------------



885-6v

8830v



**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





# Design Socket Accessories



## Cover frame 1-way with gasket

- Dimensions: 105 x 105

white	9021
light grey	9021g
pack.unit: 25	



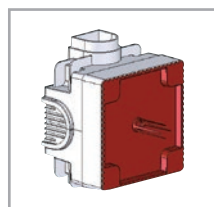
## Cover frame 2-way with gasket

- Dimensions: 195 x 105

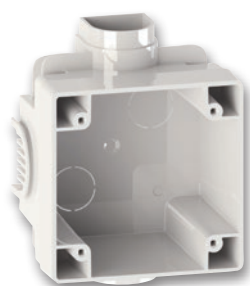
white	9022
light grey	9022g
pack.unit: 25	



## Plaster Cover



903
pack.unit: 25



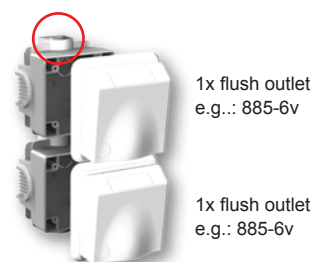
## Flush socket

- incl. screws 4 pcs.

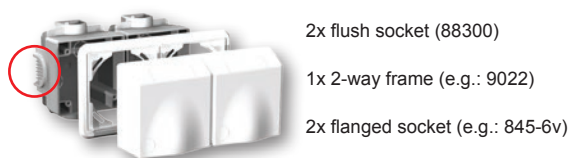
light grey	88300
pack.unit: 10	

### Installation help:

Connection device for 1-way frame



Sliding connection for 2-way frame



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

\*) assembly only possible with frame cover

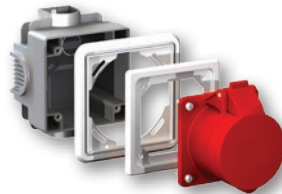
white	<b>tf9092</b>
light grey	<b>tf9092g</b>
pack.unit: 25	



## 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.



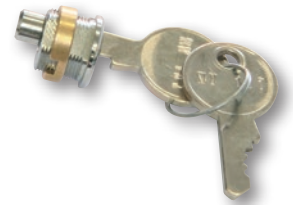
Example:  
1x surface socket 86300  
1x flange adapter tf9091  
1x flanged socket 325-6f7

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

**Switched interlocked sockets –  
Compact series**

Page **100**



**Switched interlocked sockets**

Page **102**



**Switched interlocked sockets  
with DIN-rail**

Page **110**



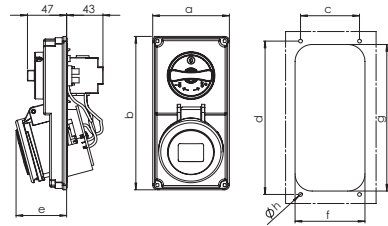
**Switched interlocked sockets fused**

Page **112**



# Switched interlocked sockets – Compact series

mechanical interlock, lockable by padlock

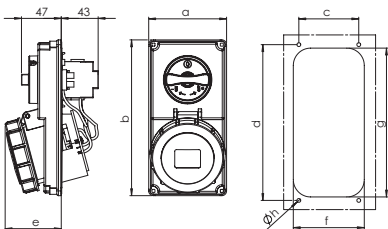


## Switched interlocked socket - panel mounting

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a	90	90	90	90	90	90
b	180	180	180	180	180	180
c	79	79	79	79	79	79
d	169	169	169	169	169	169
e	57	59	60	66	66	67
f	80	80	80	80	80	80
g	155	155	155	155	155	155
h	4,4	4,4	4,4	4,4	4,4	4,4
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1,5-4			2,5-10		
Weight [g]	456	481	505	507	530	565

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

**IP44** splashproof

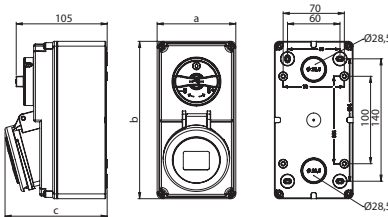


## Switched interlocked socket - panel mounting

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a	90	90	90	90	90	90
b	180	180	180	180	180	180
c	79	79	79	79	79	79
d	169	169	169	169	169	169
e	57	59	60	66	66	67
f	80	80	80	80	80	80
g	155	155	155	155	155	155
h	4,4	4,4	4,4	4,4	4,4	4,4
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1,5-4			2,5-10		
Weight [g]	474	502	535	538	563	603

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

**IP67** watertight

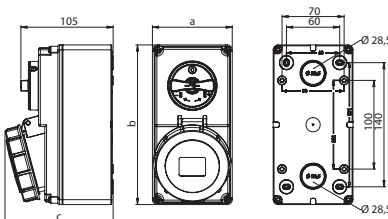


## Switched interlocked socket - wall mounting

	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a	90	90	90	90	90	90
b	180	180	180	180	180	180
c	115	116	117	123	123	124
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1,5-4			2,5-10		
Weight [g]	609	635	659	660	686	719

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

**IP44** splashproof



## Switched interlocked socket - wall mounting


	16 Amp			32 Amp		
	3	4	5	3	4	5
Poles	3	4	5	3	4	5
a	90	90	90	90	90	90
b	180	180	180	180	180	180
c	119	120	122	125	125	128
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1,5-4			2,5-10		
Weight [g]	627	655	688	692	717	757

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

**IP67** 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**



**110V~**

50/60Hz  
4h

**230V~**

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

**400V~**

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

**500V~**

50/60Hz  
7h

Amp.	Poles	pack. unit	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
32	5	1	60252-4	60252-9	<b>60252-6</b>	60252-7



60152-6

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



6115-6

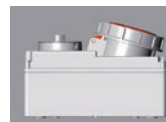
16	3	1	61132-4	<b>61132-6</b>	61132-9	61132-7
16	4	1	61142-4	61142-9	<b>61142-6</b>	61142-7
16	5	1	61152-4	61152-9	<b>61152-6</b>	61152-7
32	3	1	61232-4	<b>61232-6</b>	61232-9	61232-7
32	4	1	61242-4	61242-9	<b>61242-6</b>	61242-7
32	5	1	61252-4	61252-9	<b>61252-6</b>	61252-7



61152-6

## ■ ■ ■ Technical data:

- switched interlocked socket for panel/wall mounting
- 16A and 32A; 3-, 4- and 5 poles
- IP44 and IP67
- **ON/OFF switch PCE-Merz ML0; EN 60947-3: AC22A; 10 kA**
- large connecting area
- enclosure made of shock-resistant thermoplastic material
- approved acc. to EN 60309, ÖVE



# Switched interlocked sockets 16/32A

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

## VERSIONS:

- 16A and 32A
- 3-, 4- and 5-poles up to 690V (5h)
- IP rating IP54 and IP66/67
- for installation indoor and outdoor
- 2 housing sizes:                   230mm without protection  
  340mm with protection

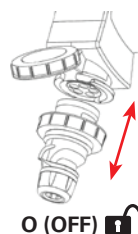
## ADVANTAGES:

- Housing components made of high valuable PC/ABS plastics
- Robust construction for wall mounting
- Large rotary knob 3-times lockable in OFF position with padlock (40mm)

- Housing screws stainless steel



- \*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 complete 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 complete 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
- **Screws are protected** against falling out

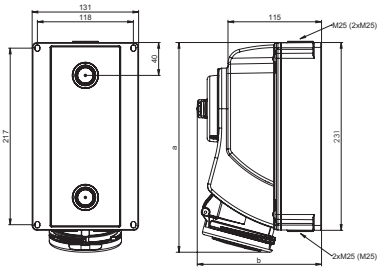
## SWITCHED INTERLOCKED SOCKETS PROTECTED

- 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



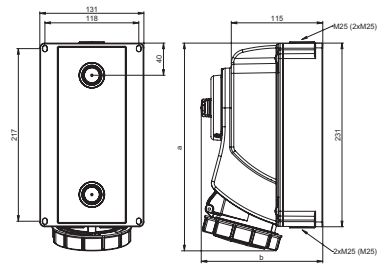
## Switched interlocked socket – wall mounting

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	249	249	249	259	259	259
b	153	153	153	153	153	153
M	3x25	3x25	3x25	3x25	3x25	3x25
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
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** splashproof

\* Option: M32 or closed



## Switched interlocked socket – wall mounting


Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	251	251	253	260	260	262
b	153	153	153	153	153	153
M	3x25	3x25	3x25	3x25	3x25	3x25
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
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

**IP67** 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) 

**110V~**

50/60Hz  
4h

**230V~**

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

**400V~**

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

**500V~**

50/60Hz  
7h

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.	Cat.No.
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
32	5	1	75252-4	75252-9	<b>75252-6</b>	75252-7



75252-6

### ■ ■ ■ Technical data:

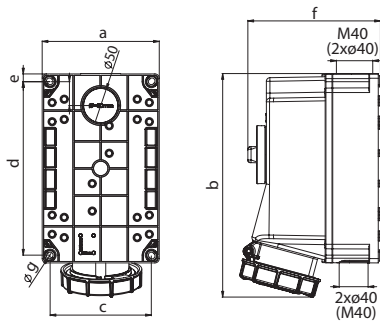
- switched interlocked socket
- 16A and 32A 3-, 4- and 5 poles
- IP44 and IP67
- **ON/OFF switch PCE-Merz ML0; EN 60947-3; AC22A, 10kA**
- large connection area
- enclosure made of shock-resistant thermoplastic material
- approved acc. to EN60309, ÖVE





# Switched interlocked sockets – for wall mounting

mechanical interlock, lockable by padlock




## Switched interlocked socket – wall mounting

Poles	63 Amp		
	3	4	5
a	162	162	162
b	310	310	310
c	140	140	140
d	240	240	240
e	11	11	11
f	184	184	184
g	9	9	9
Connection type: Screw terminal			
Wire flexible [mm <sup>2</sup> ]	6-25		
solid [mm <sup>2</sup> ]	6-35		
Weight [g]	2049	2032	2179

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

**IP66/67** watertight

### 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

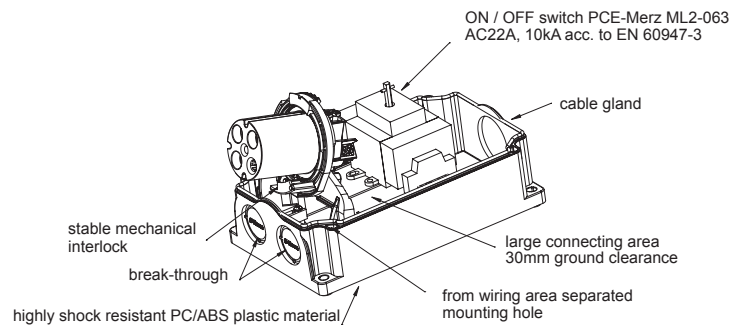
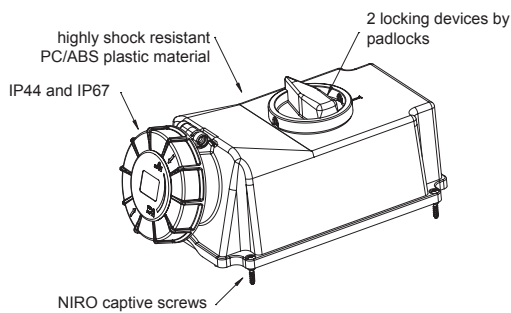
Special designs available on request

Amp.	Poles	pack. unit	110V~	230V~	400V~	500V~
			50/60Hz 4h	50/60Hz 3p=6h 4p+5p=9h	50/60Hz 3p=9h 4p+5p=6h	50/60Hz 7h
			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:

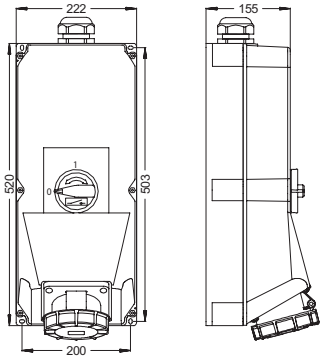
- 63A 3-, 4- and 5 poles
- terminals max. 25/35mm<sup>2</sup>
- multiple cable entry options
- degree of protection IP66/67
- circuit breaker PCE Merz ML2-063
  - category AC22A, 690V (AC3, 690V, 3~, 22kW)
  - rated conditional short-circuit-current 10kA
  - mechanical life of 30.000 cycles
- approved acc. to EN60309, ÖVE



# Switched interlocked sockets – for wall mounting

mechanical or electric interlock, lockable by padlock

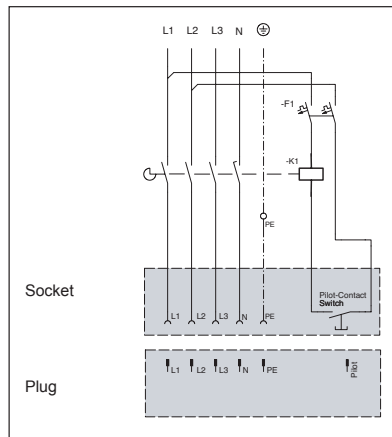
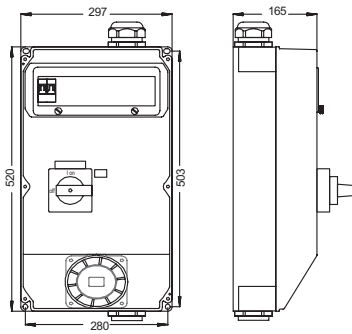
## Switched interlocked socket – mechanical interlock 125A



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

**IP67** watertight

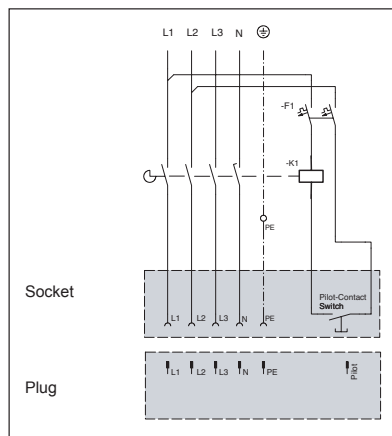
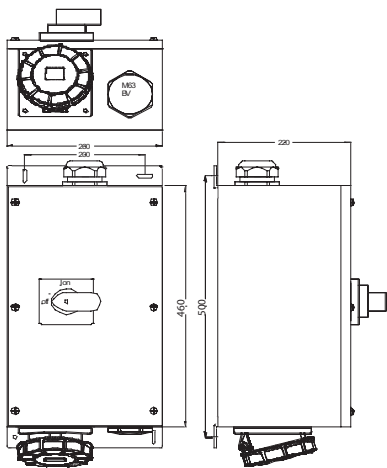
## Switched interlocked socket – electric interlock 125A



- **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 10)
- 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 10)
- 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

**110V~**

50/60Hz  
4h

**230V~**

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

**400V~**

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

**500V~**

50/60Hz  
7h

Amp.	Poles	pack. unit	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



125	5	1			<b>9029100</b>	
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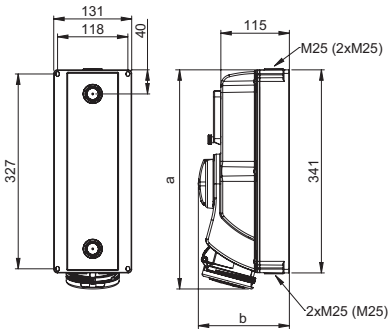
125	5	1			<b>9754100</b>	
-----	---	---	--	--	----------------	--



- 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



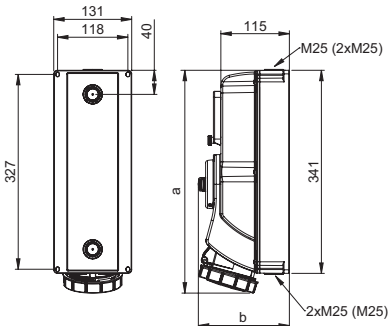
## Switched interlocked socket – wall mounting

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	359	359	359	369	369	369
b	153	153	153	153	153	153
M	3x25	3x25	3x25	3x25	3x25	3x25
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
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** splashproof



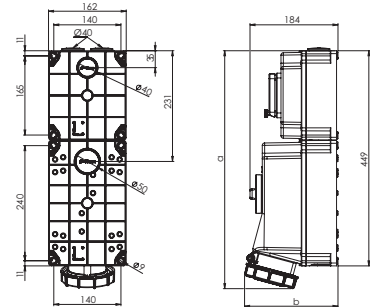
## Switched interlocked socket – wall mounting

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	361	361	363	371	371	372
b	153	153	153	153	153	153
M	3x25	3x25	3x25	3x25	3x25	3x25
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]	1,5-2,5			2,5-6		
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

**IP67** watertight



## Power Twist Switched interlocked socket – wall mounting

Poles	63 Amp		
	3	4	5
a	496	496	496
b	195	195	195
Connection type: Contact frame with screws			
Wire flexible [mm <sup>2</sup> ]	6-16		
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



**110V~**

50/60Hz  
4h

**230V~**

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

**400V~**

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

**500V~**

50/60Hz  
7h

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.	Cat.No.
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
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

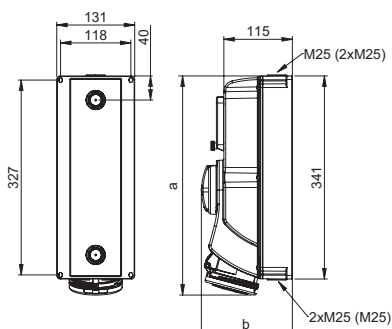
### ■ ■ ■ Technical data to 63A version:

- 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



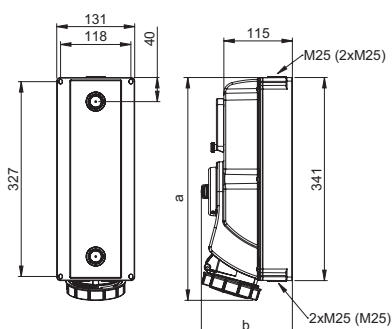
## Switched interlocked socket – wall mounting

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	359	359	359	369	369	369
b	153	153	153	153	153	153
M	3x25	3x25	3x25	3x25	3x25	3x25
Connection type:				Schraubklemme		
Wire flexible [mm <sup>2</sup> ]		1,5-2,5		2,5-6		
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** splashproof



## Switched interlocked socket – wall mounting

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	361	361	363	371	371	372
b	153	153	153	153	153	153
M	3x25	3x25	3x25	3x25	3x25	3x25
Connection type:				Schraubklemme		
Wire flexible [mm <sup>2</sup> ]		1,5-2,5		2,5-6		
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)

**IP67** 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
- special designs (switch on bottom, window on top) available on request!

**110V~**

50/60Hz  
4h

**230V~**

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

**400V~**

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

**500V~**

50/60Hz  
7h

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.	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

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
32	5	1	78252-4	78252-9	<b>78252-6</b>	78252-7



78252-6



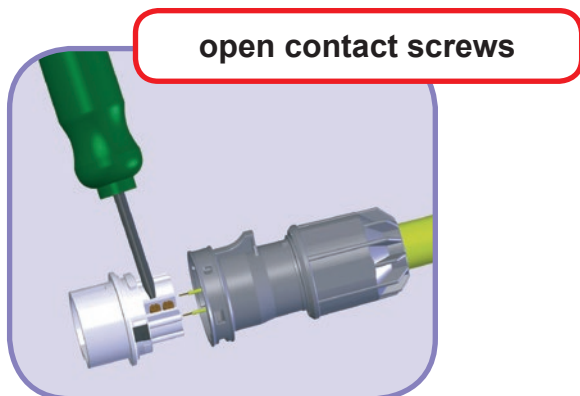
## TWIST Extra-low voltage

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

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

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

### ADVANTAGES:

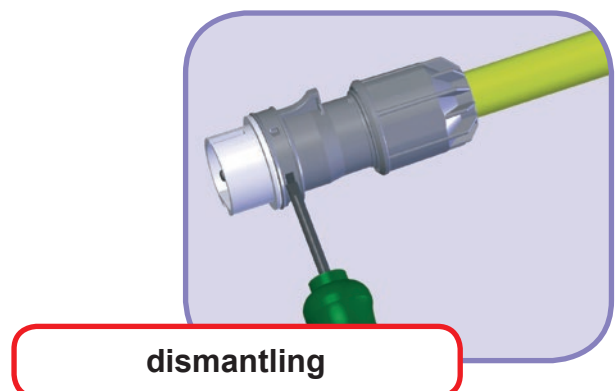
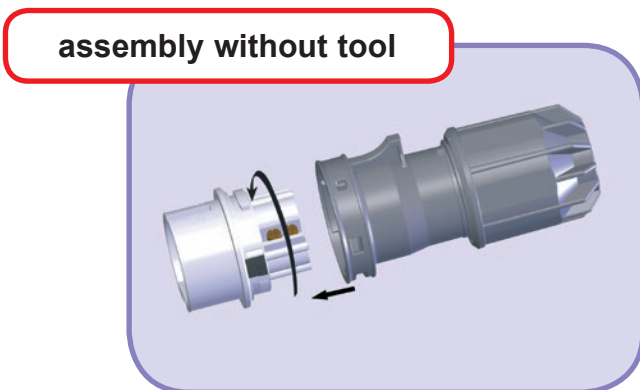


#### ASSEMBLY WITHOUT TOOL

- multi-ramp quick lock system
- easy fitting by twist-lock action

#### DISMANTLING

- simply unlock and twist to open



**IP66/67**

watertight

**IP44/54**

dust- and splash-proof

## VERSIONS:

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



IP44/54



IP66/67

## ADVANTAGES:

- **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**
- **easy to handle cable gland by multi-ramp quick-lock system**

for cable diameters from  $\varnothing$  8 to  $\varnothing$  24mm



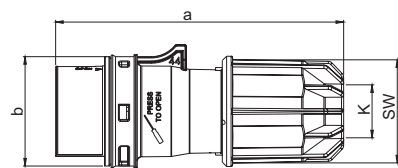


# Extra-low voltage – plugs and sockets

## 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.

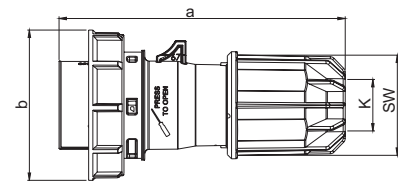


### Twist Plug IP44

	16 Amp		32 Amp	
	2	3	2	3
Poles	2	3	2	3
a	135	135	135	135
b	51	51	51	51
c	51	51	51	51
K_cable Ø [mm]	8-24	8-24	8-24	8-24
Connection type:	Screw terminal			
Wire flexible [mm <sup>2</sup> ]	1-10			
Contact screws [Ncm]	160 Ncm			
SW	48			
Weight [g]	142	160	142	160

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

**IP44** splashproof

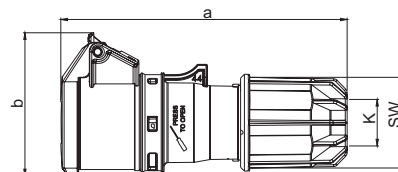


### Twist Plug IP67

	16 Amp		32 Amp	
	2	3	2	3
Poles	2	3	2	3
a	124	131	146	152
b	79	87	93	100
K_cable Ø [mm]	8-24	8-24	8-24	8-24
Connection type:	Screw terminal			
Wire flexible [mm <sup>2</sup> ]	1-10			
Contact screws [Ncm]	160 Ncm			
SW	48			
Weight [g]	164	182	164	182

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

**IP67** watertight

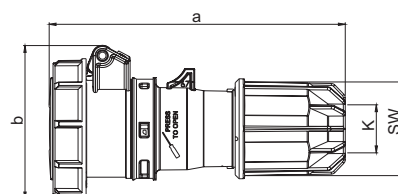


### Twist Connector IP44

	16 Amp		32 Amp	
	2	3	2	3
Poles	2	3	2	3
a	150	150	150	150
b	75	75	75	75
c	51	51	51	51
K_cable Ø [mm]	8-24	8-24	8-24	8-24
Connection type:	Screw terminal			
Wire flexible [mm <sup>2</sup> ]	1-10			
Contact screws [Ncm]	160 Ncm			
SW	48			
Weight [g]	179	199	179	199

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

**IP44** splashproof



### Twist Connector IP67

	16 Amp		32 Amp	
	2	3	2	3
Poles	2	3	2	3
a	150	150	150	150
b	78	78	78	78
c	51	51	51	51
K_cable Ø [mm]	8-24	8-24	8-24	8-24
Connection type:	Screw terminal			
Wire flexible [mm <sup>2</sup> ]	1-10			
Contact screws [Ncm]	160 Ncm			
SW	48			
Weight [g]	199	219	199	219

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

**IP67** watertight

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

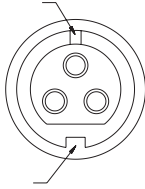
For extra-low voltage a minor key is used to distinguish voltage and frequency - see table.

### Examples:

View: socket (front)

Minor key  
3 pol.

Mayor key  
3 pol.



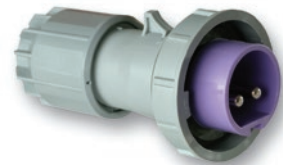
Rated Voltage - V	Frequency - Hz	Clockwise position		Colour acc. to EN 60309
		2P	3P	
20 - 25	50 / 60	without Minor key	without Minor key	Violet
40 - 50	50 / 60	12	12	White
20 - 25 and 40 - 50	100 - 200	4	4	Green
	300	2	2	Green
	400	3	3	Green
	> 400 - 500	11	11	Green
	DC	10	-	White

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
32	3	10	<b>073v</b>	<b>093-12v</b>	093-4v	093-2v	093-3v	093-11v	093-10v



083-3v

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
32	3	10	<b>0732v</b>	<b>0932-12v</b>	0932-4v	0932-2v	0932-3v	0932-11v	0932-10v



0622v

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
32	3	10	<b>273v</b>	<b>293-12v</b>	293-4v	293-2v	293-3v	293-11v	293-10v



282-4v

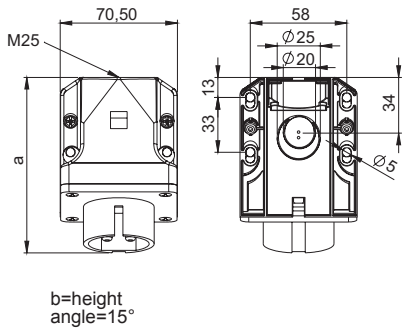
16	2	10	<b>2622v</b>	<b>2822-12v</b>	2822-4v	2822-2v	2822-3v	2822-11v	2822-10v
16	3	10	<b>2632v</b>	<b>2832-12v</b>	2832-4v	2832-2v	2832-3v	2832-11v	2832-10v
32	2	10	<b>2722v</b>	<b>2922-12v</b>	2922-4v	2922-2v	2922-3v	2922-11v	2922-10v
32	3	10	<b>2732v</b>	<b>2932-12v</b>	2932-4v	2932-2v	2932-3v	2932-11v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



2622v



# Extra-low voltage – plugs and sockets

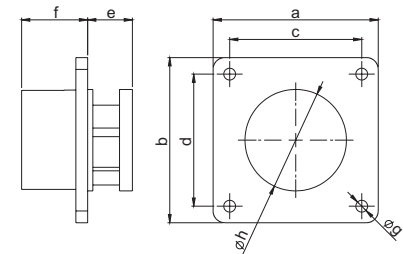


## Wall mounted plug IP44

	16 Amp		32 Amp	
	2	3	2	3
Poles	2	3	2	3
a	106	106	106	106
b	77	77	77	77
M	25	25	25	25
Connection type: Screw terminal				
Wire flexible [mm <sup>2</sup> ]	4-10			
solid [mm <sup>2</sup> ]	4-10			
Contact screws [Ncm]	110 Ncm			
Weight [g]	165	180	165	180

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

**IP44** splashproof

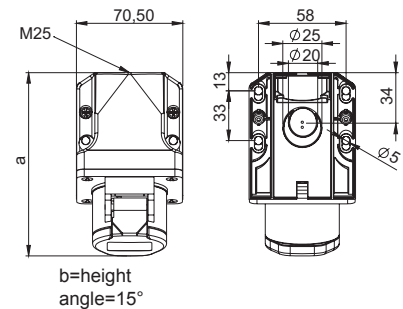


## Flanged plug straight IP44

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

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- According to EN 60309: For correct use a locking device has to be provided (see page 32)

**IP44** splashproof

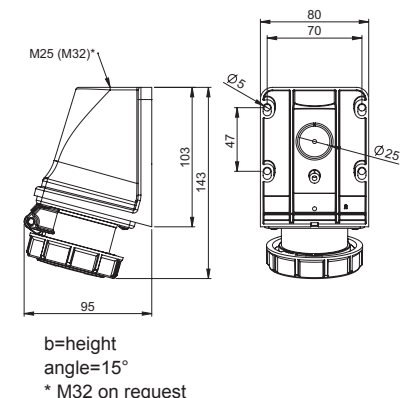


## Wall socket IP44

	16 Amp		32 Amp	
	2	3	2	3
Poles	2	3	2	3
a	119	119	119	119
b	85	85	85	85
M	25	25	25	25
Connection type: Screw terminal				
Wire flexible [mm <sup>2</sup> ]	1-10			
solid [mm <sup>2</sup> ]	1,5-10			
Contact screws [Ncm]	110 Ncm			
Weight [g]	198	215	198	215

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

**IP44** splashproof



## Wall socket IP66/67

	16 Amp		32 Amp	
	2	3	2	3
Poles	2	3	2	3
a	143	143	143	143
b	95	95	95	95
M	25	25	25	25
Connection type: Screw terminal				
Wire flexible [mm <sup>2</sup> ]	1-10			
solid [mm <sup>2</sup> ]	1,5-10			
Contact screws [Ncm]	110 Ncm			
Weight [g]	231	251	231	251

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

**IP66/67** watertight

\* Option: M32

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

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



582-12v

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

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



682-12v

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



162v

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



1922-4v



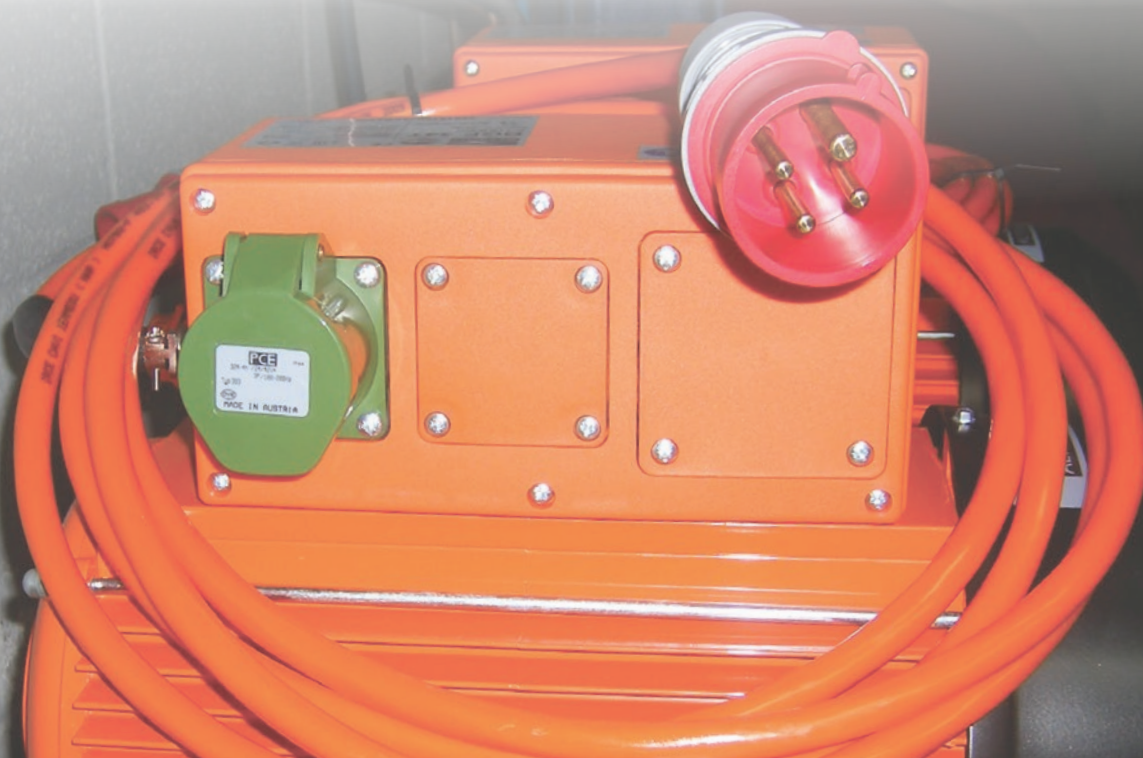
## Extra low voltage – plugs and sockets

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

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

#### ADVANTAGES:

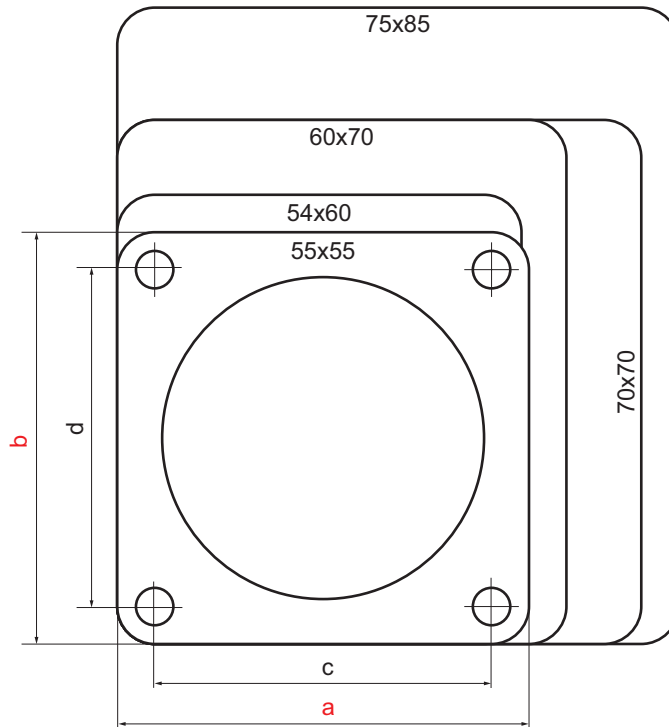
- reinforced lid
- **one-piece housing**
- bigger terminal connection area
- 6 different flanges available (others on request)
- **IP44/54** dust- & splashproof or
- **IP66/67** watertight





# Flanged socket straight

Dimensions:



Versions:

flange		fixing-Center		page	16A		32A	
a	b	c	d	#	2p	3p	2p	3p
54	60	44	44	122-123	IP44	IP44	IP44	IP44
				124-125	IP67	IP67	IP67	IP67
55	55	41	41	122-123	IP44	IP44	IP44	IP44
55	55	45	45	122-123	IP44	IP44	IP44	IP44
60	70	47	53	122-123	IP44	IP44	IP44	IP44
70	70	56	56	122-123	IP44	IP44	IP44	IP44
75	85	60	60	122-123	IP44	IP44	IP44	IP44
				124-125	IP67	IP67	IP67	IP67

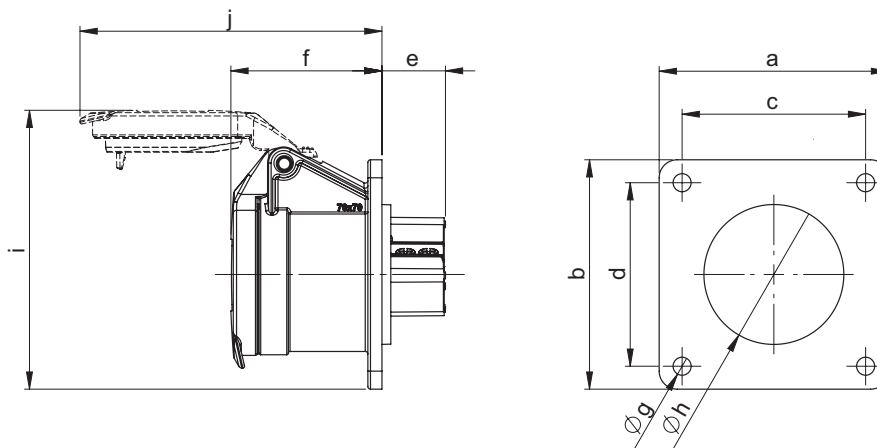


# Extra-low voltage – plugs and sockets

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

- Connection type: Screw terminal
- Wire flexible: 1-10 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=
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
			50/60Hz without Minor key	50/60Hz 12h	100-200Hz 4h	300Hz 2h	400Hz 3h	401-500Hz 11h	DC 10h

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

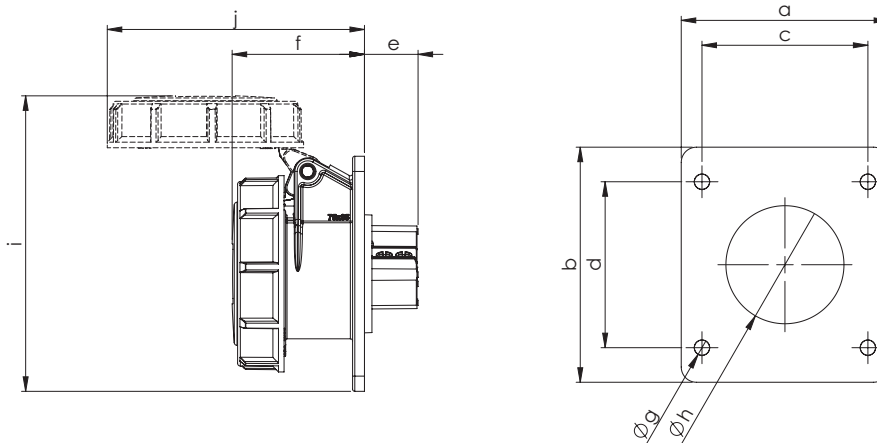


# Extra-low voltage – plugs and sockets

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

- Connection type: Screw terminal
- Wire flexible: 1-10 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	3622f9v	3822-12f9v	3822-4f9v	3822-2f9v	3822-3f9v	3822-11f9v	3822-10f9v
	16	3	3632f9v	3832-12f9v	3832-4f9v	3832-2f9v	3832-3f9v	3832-11f9v	3832-10f9v
	32	2	3722f9v	3922-12f9v	3922-4f9v	3922-2f9v	3922-3f9v	3922-11f9v	3922-10f9v
	32	3	3732f9v	3932-12f9v	3932-4f9v	3932-2f9v	3932-3f9v	3932-11f9v	3932-10f9v
75 x 85 (60 x 60)	16	2	3622f87v	3822-12f87v	3822-4f87v	3822-2f87v	3822-3f87v	3822-11f87v	3822-10f87v
	16	3	3632f87v	3832-12f87v	3832-4f87v	3832-2f87v	3832-3f87v	3832-11f87v	3832-10f87v
	32	2	3722f87v	3922-12f87v	3922-4f87v	3922-2f87v	3922-3f87v	3922-11f87v	3922-10f87v
	32	3	3732f87v	3932-12f87v	3932-4f87v	3932-2f87v	3932-3f87v	3932-11f87v	3932-10f87v



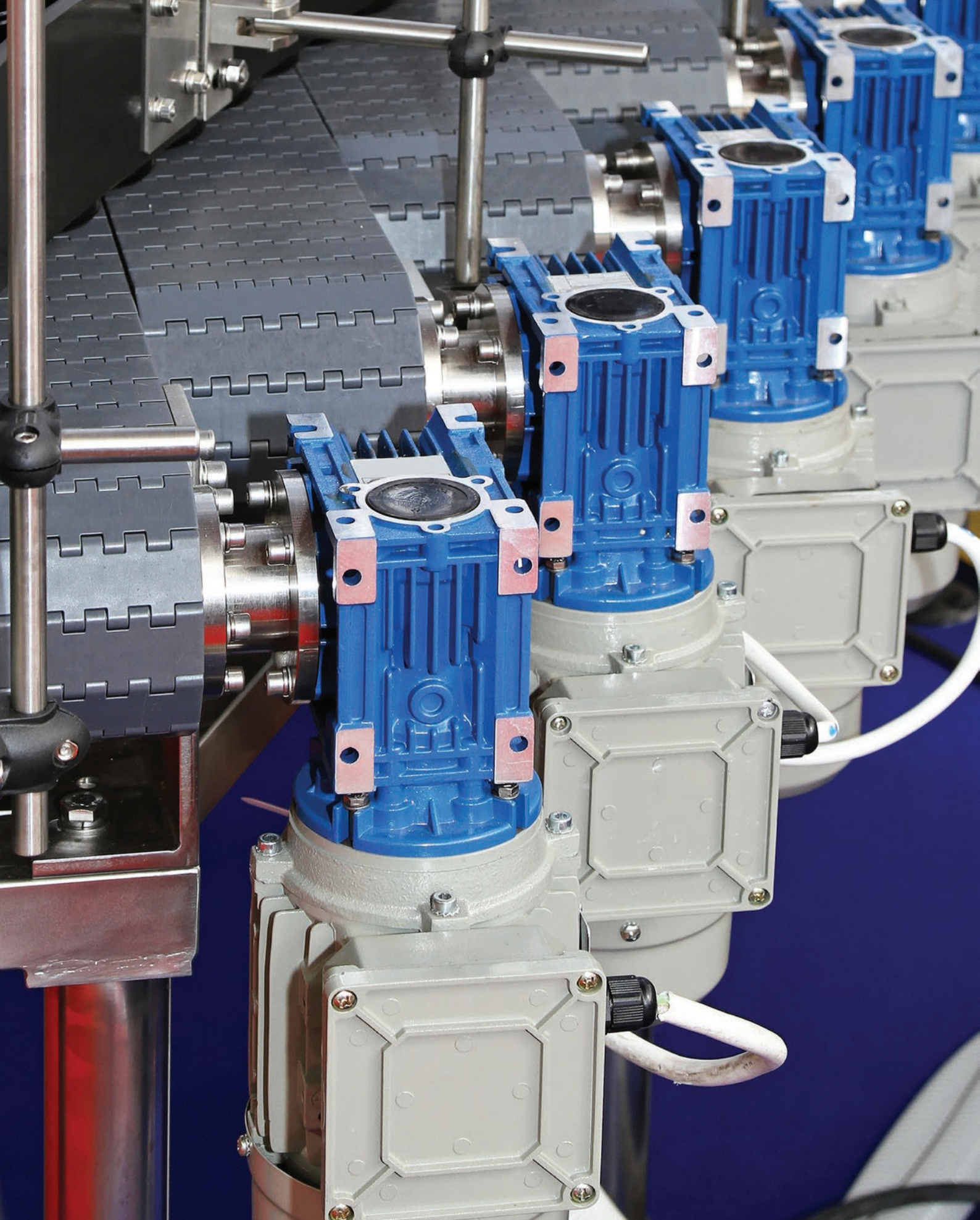
3922-4f9v



3722f87v







**PLUGS AND SOCKETS 7-POLES**



## Plugs and sockets 7-poles

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

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

### Application for industry, agriculture and commerce:

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

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

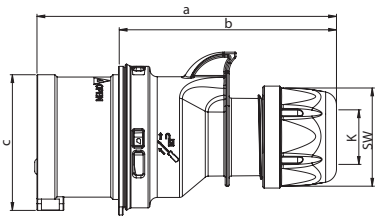
- Plugs and angled plugs
- Flanged and wall mounted plugs
- Connectors and angled connectors
- Flanged and wall mounted sockets

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





# Plugs and sockets 7-poles

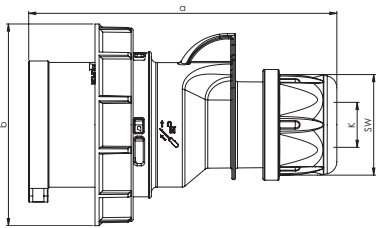


## Shark Plug IP44/54

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

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

**IP44/54** dust- and splashproof

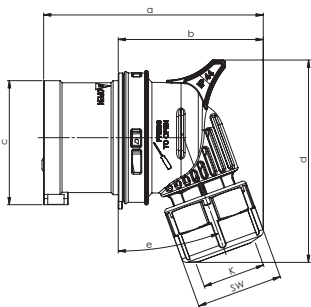


## Shark Plug IP66/67

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

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

**IP66/67** watertight

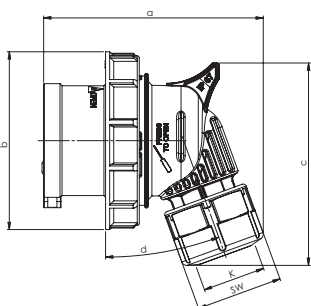


## Twist Angled plug IP44/54

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

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

**IP44/54** dust- and splashproof



## Twist Angled plug IP66/67

	16 Amp	32 Amp
Poles	7	7
a	108	135
b	87	100
c	99	114
d [°]	20	25
K_cable Ø [mm]	8-16	11,5-22
Connection type:	Screw terminal	
Wire flexible [mm <sup>2</sup> ]	1-2,5	2,5-6
Contact screws [Ncm]	100 Ncm	110 Ncm
SW	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

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

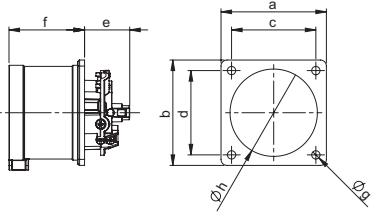


80272-6v



# Plugs and sockets 7-poles

## Flanged plug straight IP44/54

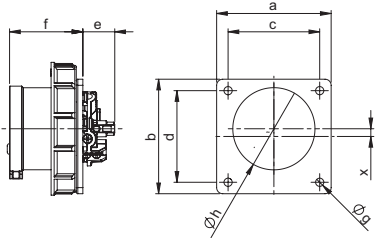


Poles	16 Amp		32 Amp	
	7	7	7	7
a	70	75	70	75
b	70	75	70	75
c	56	60	56	60
d	56	60	56	60
e	28	28	30	30
f	42	42	51	51
Ø g	5,5	5,5	5,5	5,5
Ø h	55	55	55	55
Connection type: Screw terminal				
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
solid [mm <sup>2</sup> ]	1-4		2,5-10	
Contact screws [Ncm]	100 Ncm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

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- According to EN 60309:  
For correct use a locking device has to be provided (see page 32)

**IP44/54** dust- and splashproof

## Flanged plug straight IP66/67

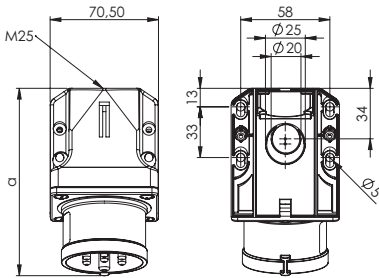


Poles	16 Amp		32 Amp	
	7	7	7	7
a	75	75	75	75
b	75	75	75	75
c	60	60	60	60
d	60	60	60	60
e	28	30	30	30
f	48	58	58	58
Ø g	5,5	5,5	5,5	5,5
Ø h	55	55	55	55
x	5,05	0	0	0
Connection type: Schraubklemmen				
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
solid [mm <sup>2</sup> ]	1-4		2,5-10	
Contact screws [Ncm]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

- with screw terminals
- housing material: PA6
- contacts: nickel-plated
- According to EN 60309:  
For correct use a locking device has to be provided (see page 32)
- for 16A 7p the plug is placed off centered for keeping the standards

**IP66/67** watertight

## Wall mounted plug IP44/54



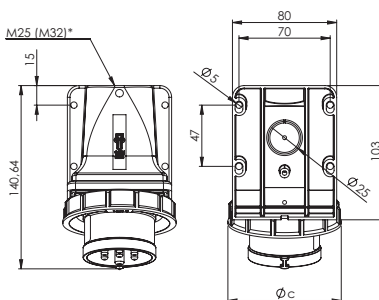
Poles	16 Amp		32 Amp	
	7	7	7	7
a	122	132	132	132
b	79	85	85	85
M	25	25	25	25
Connection type: Screw terminal				
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
solid [mm <sup>2</sup> ]	1-4		2,5-10	
Contact screws [Ncm]	100 Ncm		110 Ncm	
Weight [g]	235		304	

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

**IP44/54** dust- and splashproof

b=height  
angle =15°

## Wall mounted plug IP66/67



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

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

**IP66/67** watertight

b=height  
angle =15°

\*M32 optional on request



**110V~**

50/60Hz  
4h

**230V~**

50/60Hz  
9h

**400V~**

50/60Hz  
6h

**500V~**

50/60Hz  
7h

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.	Cat.No.
------	-------	------------	---------	---------	---------	---------

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



627-6v

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



6272-6v

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



9527-6v



527-6v

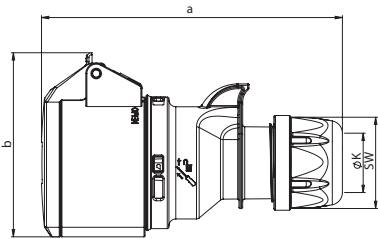
16	7	5	5172-4kv	5172-9kv	<b>5172-6kv</b>	5172-7kv
32	7	5	5272-4kv	5272-9kv	<b>5272-6kv</b>	5272-7kv



5272-6kv



# Plugs and sockets 7-poles

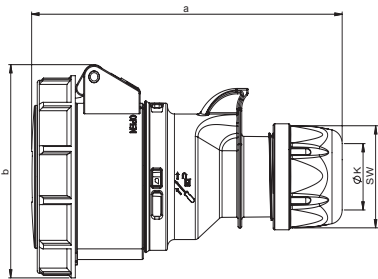


## Shark Connector IP44/54

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

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

**IP44/54** dust- and splashproof

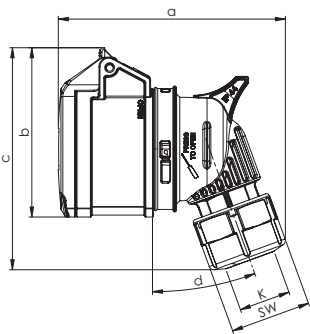


## Shark Connector IP66/67

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

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

**IP66/67** watertight

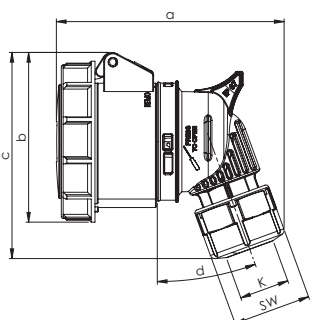


## Twist Angled connector IP44/54

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

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

**IP44/54** dust- and splashproof



## Twist Angled connector IP66/67

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

- 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

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.	Cat.No.
16	7	10	217-4v	217-9v	<b>217-6v</b>	217-7v
32	7	10	227-4v	227-9v	<b>227-6v</b>	227-7v



227-6v

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



2272-6v

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



8227-6v

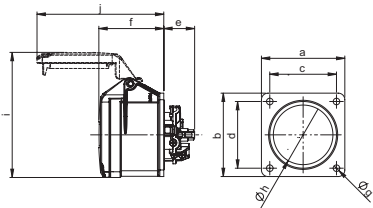
16	7	10	82172-4v	82172-9v	<b>82172-6v</b>	82172-7v
32	7	10	82272-4v	82272-9v	<b>82272-6v</b>	82272-7v



82272-6v



# Plugs and sockets 7-poles

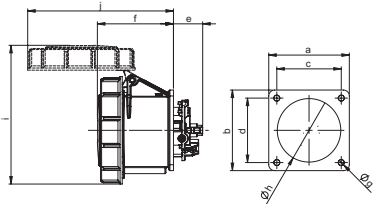


## Flanged socket straight IP44/54

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

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

**IP44/54** dust- and splashproof

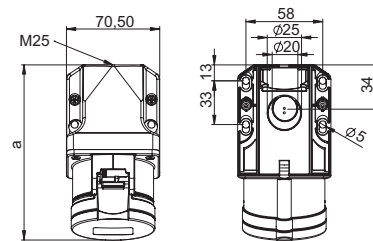


## Flanged socket straight IP66/67

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

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

**IP66/67** watertight



## Wall mounted socket IP44/54

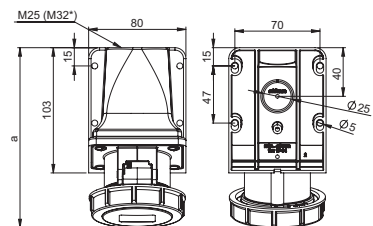
Poles	16 Amp		32 Amp	
	7	7	7	7
a	133	145	145	145
b	100	107	107	107
M	25	25	25	25
Connection type: Screw terminal				
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
solid [mm <sup>2</sup> ]	1-4		2,5-10	
Contact screws [Ncm]	100 Ncm		110 Ncm	
Weight [g]	261	261	330	330

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

• 917\*, 927\* large housing for wiring through

**IP44/54** dust- and splashproof

b=Height  
Angle=15°



## Wall mounted socket IP66/67

Poles	16 Amp		32 Amp	
	7	7	7	7
a	148	163	163	163
b	102	112	112	112
M	25	25	25	25
Connection type: Screw terminal				
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
solid [mm <sup>2</sup> ]	1-4		2,5-10	
Contact screws [Ncm]	100 Ncm		110 Ncm	
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

b=Height  
Angle=15°

**110V~**

50/60Hz  
4h

**230V~**

50/60Hz  
9h

**400V~**

50/60Hz  
6h

**500V~**

50/60Hz  
7h

Amp.	Poles	pack. unit	Cat.No.	Cat.No.	Cat.No.	Cat.No.
<b>with flange 70 x 70 - 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 x 70 - 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



127-6v

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



1272-6v







# 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\*

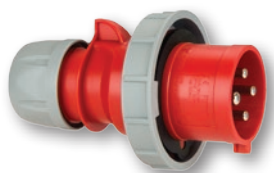


### Container products:

- 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



## Shark Container Plug

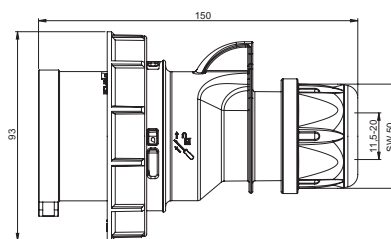
- 32A 4p 3h 440V
- nickel-plated contacts

IP67 watertight



0242-3v

pack.unit: 10



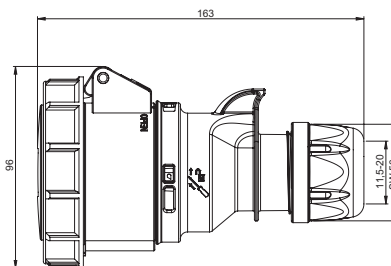
## Shark Container Connector

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

IP67 watertight

2242-3v

pack.unit: 10



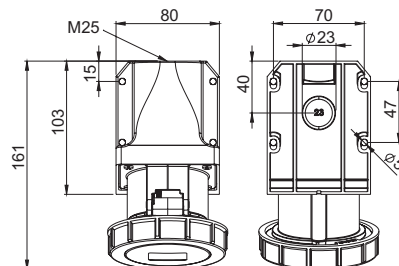
## Container Wall socket

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

IP67 watertight

1242-3v

pack.unit: 5



height=108mm  
angle=15°



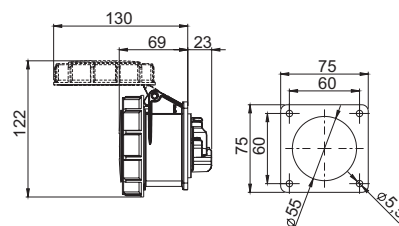
## Container Flanged socket straight

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

IP67 watertight

3242-3v

pack.unit: 10



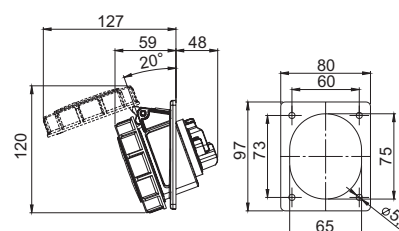
## Container Flanged socket sloping

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

IP67 watertight

4242-3f78v

pack.unit: 10



## Container Switched interlocked socket

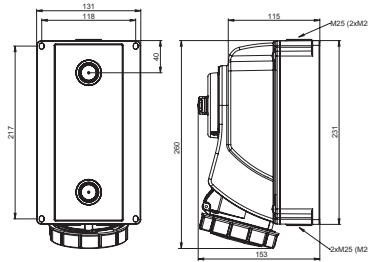
- 32A 4p 3h 440V
- nickel-plated contacts
- up to 3 x M25 cable entries
- mechanical interlock
- lockable by padlock

IP67 watertight



75242-3

pack.unit: 1



## Container Switched interlocked socket with fuse

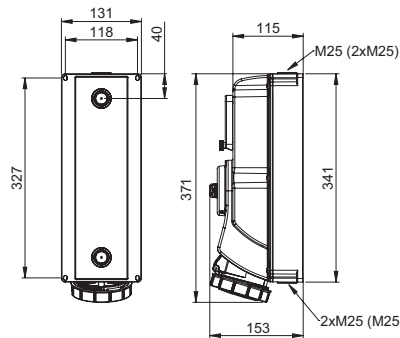
- 32A 4p 3h 440V
- nickel-plated contacts
- cylindrical fuse D02-3p 440V
- up to 3 x M25 cable entries
- mechanical interlock
- lockable by padlock

IP67 watertight



78242-3

pack.unit: 1



## Container Switched interlocked socket with DIN rail

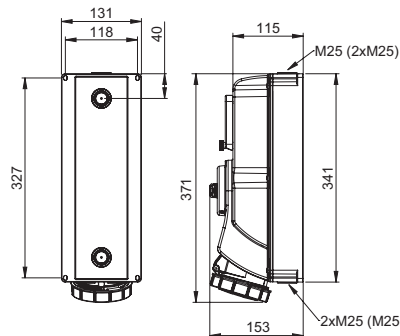
- 32A 4p 3h 440V
- nickel-plated contacts
- DIN rail with window for 5 modules
- up to 3 x M25 cable entries
- mechanical interlock
- lockable by padlock

IP67 watertight

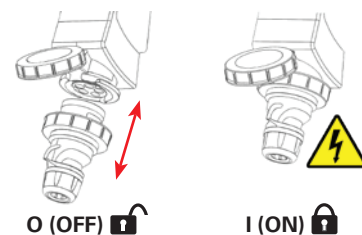


76242-3

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 102 ... „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 290)



# Caravan plugs and sockets for camping areas



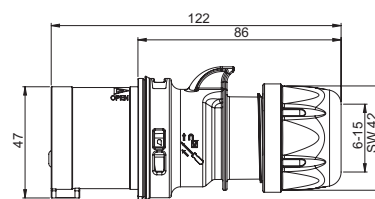
## Shark Caravan Plug

- 16A 3p 230V
- contacts: brass
  - to order nickel-plated contacts please add a "v" e.g. 013-6v
- technical data see Plugs on page 20

IP44 splashproof

013-6

pack.unit: 10



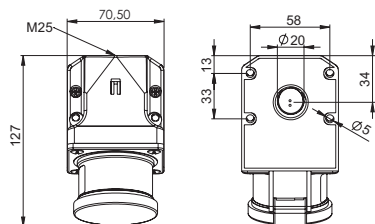
## Caravan Wall mounted plug

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

IP44 splashproof

513-6d

pack.unit: 10



height= 92mm  
angle= 15°



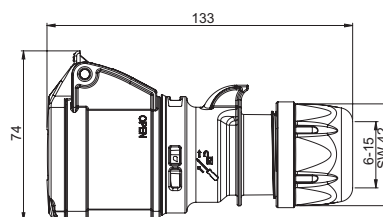
## Shark Caravan Connector

- 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



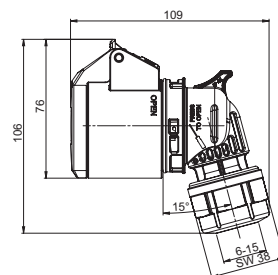
## Caravan Angled connector

- 16A 3p 230V
- contacts: brass

IP44 splashproof

8213-6

pack.unit: 10



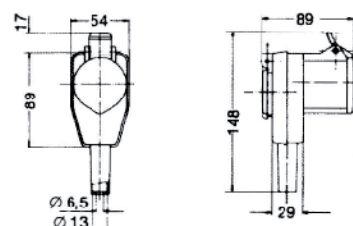
## Caravan Angled connector with safety socket

- 16A 3p 230V
- contacts: brass

IP44 splashproof

8213-Do

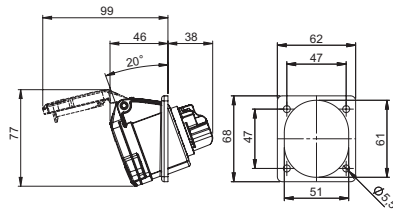
pack.unit: 10



## 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-plug16A 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 acc. to Austr./ German system 16A 2p+E 250V

**9007**

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-F3G1,5 with CEE-plug 16A 3p 230V

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

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

**9437125**

pack.unit: 1



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







# PLUGS AND SOCKET OUTLETS SERIES P-NOVA AND TAURUS





# Plugs and socket outlets – Series P-Nova and Taurus

## P-Nova

The socket outlet with earthing contact Page **146**



## Nautilus

watertight flanged sockets Page **160**



## Taurus

Plug and connector systems Page **166**



## Top Taurus

Plug and connector systems Page **174**



## Special plugs and sockets

Multiple socket outlets Seite **178**



Adaptors Seite **180**




Testing plugs and adaptors Seite **181**





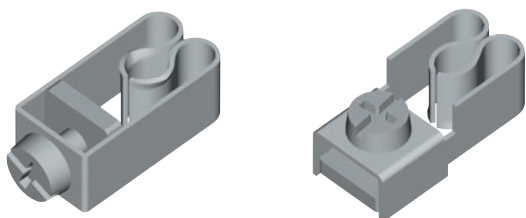
## The socket outlet with earthing contact

The „P-Nova“ socket outlet with earthing contact is characterized in particular by its:

- robust construction based on high-grade polyamide, 
- screwless connection technology or screw contact system (connection from the rear or the side)
- various flange sizes
- four-point mounting
- special sealing contour for IP54 on the backside

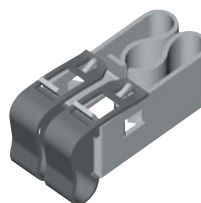


### Screw contact system




Connection from the rear      Connection from the side

### Screwless connection technology



With spring-clamp (screwless)  
Connection from the rear

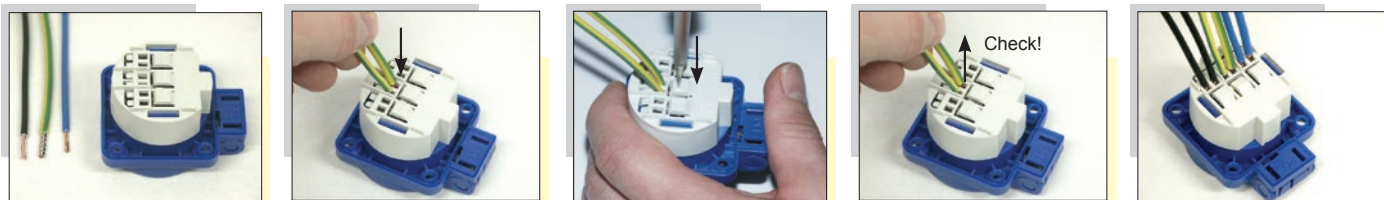
### Technical data

-  IP54
- flange dimensions: 50x50 as standard, 70x70 as well as 75x75
- hinged lid with wide opening angle
- high closing pressure on hinged lid
- finger protection VBG4

### Spring-clamp connection technology

- spring-clamp with connection from the rear
- pre-tensioned release mechanism - no tool needed for initial connection
- connection without an end sleeve possible
- double connection through independent spring-clamps for wiring through


### Connection



### Re-connection



## P-Nova plus – Product features

- + **minimized contact carrier**  
for mounting in narrow surroundings (cable reels)
- + **optimum screw contacts**
- + **open contact screws**
- + **hinged lid with wide opening angle, high closing pressure**
- + **flange size 50x50mm**  
(thinner flange, no separate gasket necessary)
- + **fixing center 38x38mm (fourpoint-mounting with countersunk screw)**
- + **IP54 splashproof** 
- + **high stability by single-part housing**  
also in case of child protection (shutter)!
- + **robust construction based on highgrade polyamide 6**
- + optional: **approved child protection for all types**
- + **Austrian/German versions according to DIN VDE 0620-1st of February 2010**
- + Minimum quantity for ordering special versions: 1.000 pieces

### Child protection (shutter)

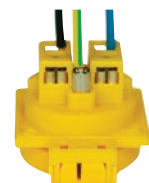


### Belgian/French standard

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



### Screw contact systems

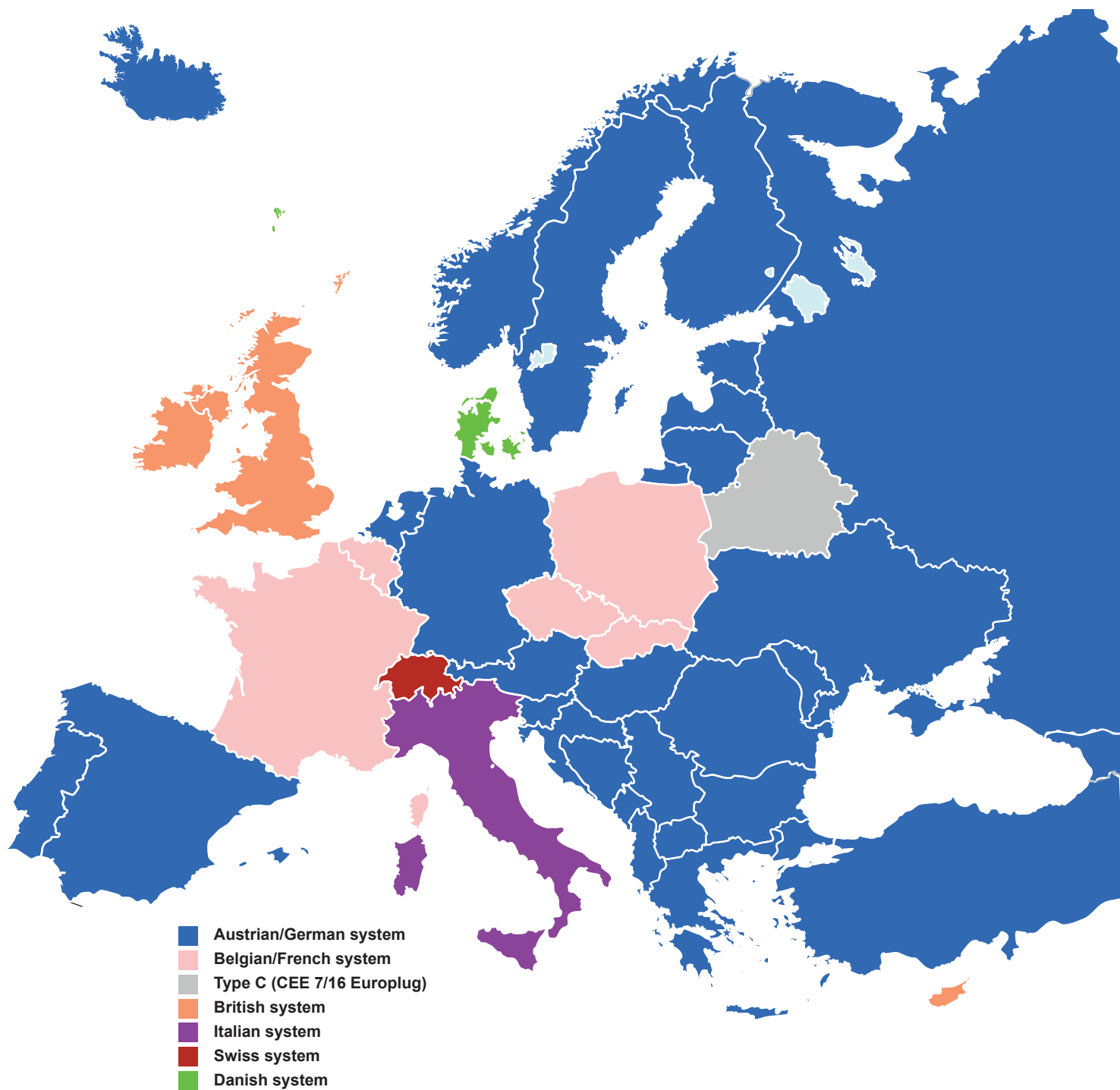


Connection from the side

Connection from the rear



# Safety plug and socket system in EUROPE



## Order information:

Safety sockets are available in grey, red, yellow, black and white (blau = standard)

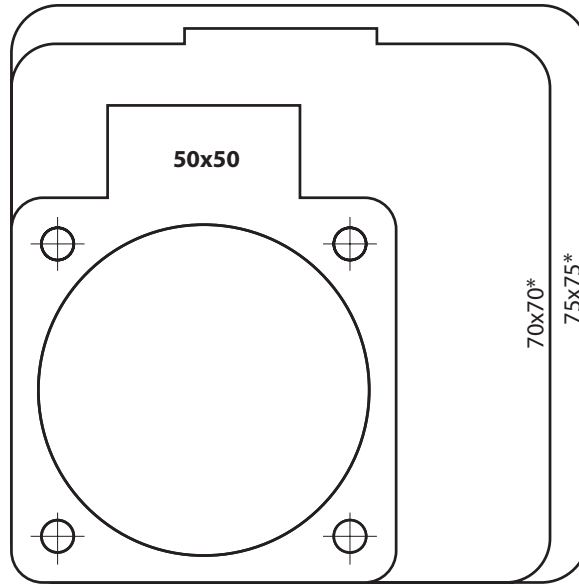
**P-Nova:** Special versions are available on request, e.g.: with side connection and child protection (shutter)

Minimum quantity for ordering special versions: 1.000 pieces







# Socket outlets

Dimensions:



\* only P-NOVA

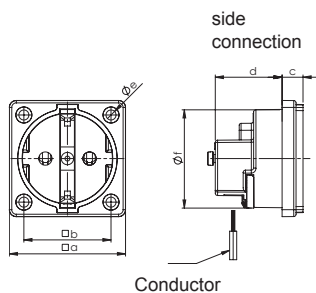
Versions: (Flange: 50 x 50)

	Screw terminals	Screwless connection	Side connection	Rear connection	Child protection (shutter)	Sealing bulge**				
	●		●							
							Austrian/German system		Belgian/French system	
	●		●		●		1050-0bs	105-0bs	1040-0bs	104-0bs
	●		●		●		1050-0bsc	105-0bsc	1040-0bsc	104-0bsc
	●			●			1050-0b	105-0b	1040-0b	104-0b
	●			●	●		1050-0bc	105-0bc	1040-0bc	104-0bc
	●			●		●	1050-0bw	105-0bw		
		●		●				109-0b		108-0b
		●		●	●			109-0bc		108-0bc
		●		●		●		109-0bw		

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



**Socket outlet Austrian/German system**



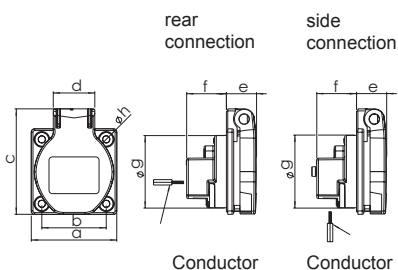
• STANDARD •	
	16 Amp
Poles	2P + E
a	50
b	37,5
c	9
d	29
e	4,3
f	43
Connection type:	Screwed contact
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5
solid [mm <sup>2</sup> ]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	34

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

**IP20**



**Socket outlet Austrian/German system**



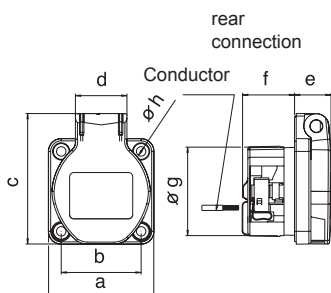
• STANDARD •	
	16 Amp
Poles	2P + E
a	50
b	38
c	62
d	25
e	18
f	24
g	43
h	4,2
Connection type:	Screwed contact
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5
solid [mm <sup>2</sup> ]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

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

**IP54** splashproof



**Socket outlet Austrian/German system**



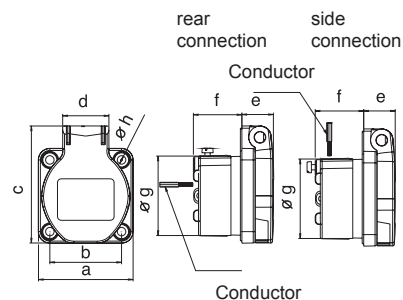
	• STANDARD •		• SPECIAL •	
	16 Amp	16 Amp	16 Amp	16 Amp
Poles	2P + E	2P + E	2P + E	2P + E
a	50	70	75	75
b	38	56	60	60
c	62	72	75	75
d	25	25	25	25
e	17	17	17	17
f	26	26	26	26
g	43	43	43	43
h	4,2	5,5	5,5	5,5
Connection type:	Screwless			
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5			
solid [mm <sup>2</sup> ]	1 - 2x2,5			
Weight [g]	43	48	49	49

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

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

**IP54** splashproof






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

16	3	100	 „SC“ side connection, with child protection (shutter)	10584-0wsc		
----	---	-----	--	------------	--	--




10584-0wsc

16	3	100	 rear connection (standard)	1050-0b		
16	3	100	„S“ side connection	1050-0bs		
16	3	100	„C“ rear connection, with child protection (shutter)	1050-0bc		
16	3	100	„SC“ side connection, with child protection (shutter)	1050-0bsc		



1050-0b


16	3	100	 rear connection (standard)	109-0b	109-7b	109-8b
16	3	100	„C“ rear connection, with child protection (shutter)	109-0bc	109-7bc	109-8bc



109-0b  
Flange = 50x50



109-8b  
Flange = 75x75

16	3	100	 rear connection (standard)	105-0b	105-7b	105-8b
16	3	100	„S“ side connection	105-0bs	105-7bs	105-8bs
16	3	100	„C“ rear connection, with child protection (shutter)	105-0bc	105-7bc	105-8bc
16	3	100	„SC“ side connection, with child protection (shutter)	105-0bsc	105-7bsc	105-8bsc



105-0b  
Flange = 50x50

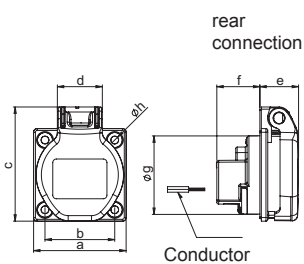
Special versions are available on request. For more information about our ordering system, please have a look on page 148.

Minimum order quantity for special versions: 1.000 pieces



## Plugs and socket outlets

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

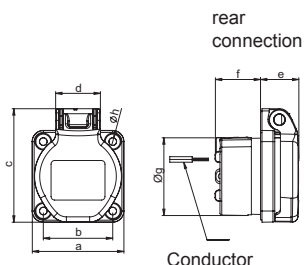


### Socket outlet Austrian/German system

	• STANDARD •
	16 Amp
Poles	2P + E
a	50
b	38
c	62
d	25
e	22
f	24
g	43
h	4,2
Connection type:	Screwed contact
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5
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

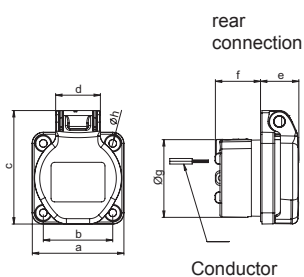


### Socket outlet Austrian/German system

	•STANDARD•	• SPECIAL •	
	16 Amp	16 Amp	
Poles	2P + E	2P +E	2P + E
a	50	70	75
b	38	56	60
c	62	72	75
d	25	25	25
e	21	21	21
f	26	26	26
g	43	43	43
h	4,2	5,5	5,5
Connection type:		Screwless	
Wire flexible [mm <sup>2</sup> ]		1 - 2x2,5	
solid [mm <sup>2</sup> ]		1 - 2x2,5	
Weight [g]	44	49	50

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

**IP54** splashproof



### Socket outlet Austrian/German system

	•STANDARD•	• SPECIAL •	
	16 Amp	16 Amp	
Poles	2P + E	2P +E	2P + E
a	50	70	75
b	38	56	60
c	62	72	75
d	25	25	25
e	21	21	21
f	26	26	26
g	43	43	43
h	4,2	5,5	5,5
Connection type:		Screwed contact	
Wire flexible [mm <sup>2</sup> ]		1 - 2x2,5	
solid [mm <sup>2</sup> ]		1 - 2x2,5	
Weight [g]	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 EA 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	 rear connection, with sealing bulge	1050-0bw		
----	---	-----	--	----------	--	--




1050-0bw

16	3	100	 rear connection, with sealing bulge	109-0bw	109-7bw	109-8bw
----	---	-----	--	---------	---------	---------



109-0bw

16	3	100	 rear connection, with sealing bulge	105-0bw	105-7bw	105-8bw
----	---	-----	--	---------	---------	---------



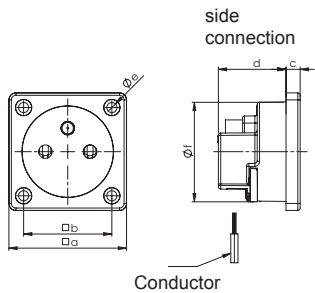
105-0bw

Explanation:

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



# Flanged sockets conforming to Belgian/French system

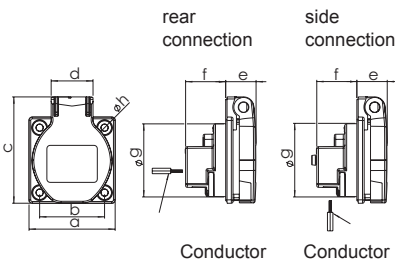


## Socket outlet Belgian/French system

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

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

IP20

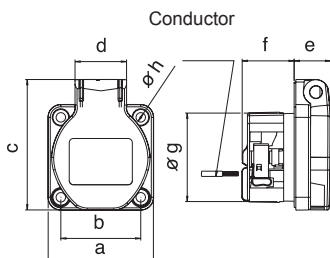


## Socket outlet Belgian/French system

• STANDARD •	
	16 Amp
Poles	2P + E
a	50
b	38
c	62
d	25
e	18
f	24
g	43
h	4,2
Connection type:	Screwed contact
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5
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

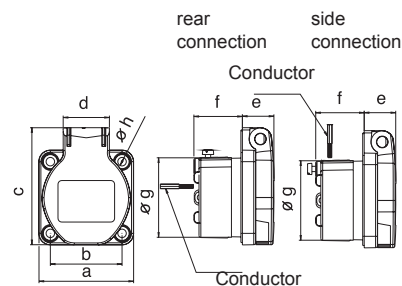


## Socket outlet Belgian/French version

	• STANDARD •		• SPECIAL •	
	16 Amp		16 Amp	
Poles	2P + E		2P + E	2P + E
a	50	70	75	75
b	38	56	60	60
c	62	72	75	75
d	25	25	25	25
e	17	17	17	17
f	26	26	26	26
g	43	43	43	43
h	4,2	5,5	5,5	5,5
Connection type:	Screwless			
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5			
solid [mm <sup>2</sup> ]	1 - 2x2,5			
Weight [g]	43	48	49	49

- 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	
Poles	2P + E		2P + E	2P + E
a	50	70	75	75
b	38	56	60	60
c	62	72	75	75
d	25	25	25	25
e	17	17	17	17
f	26	26	26	26
g	43	43	43	43
h	4,2	5,5	5,5	5,5
Connection type:	Screwed contact			
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5			
solid [mm <sup>2</sup> ]	1 - 2x2,5			
Contact screws [Ncm]	80			
Weight [g]	45	50	51	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	 „sc“ side connection, with child protection (shutter) color: white	10484-0wsc			 10484-0wsc
16	3	100	 <b>rear connection (standard)</b>	1040-0b			 1040-0b
16	3	100	„S“ side connection	1040-0bs			
16	3	100	„C“ with child protection (shutter)	 1040-0bc			
16	3	100	„sc“ side connection, with child protection (shutter)	 1040-0bsc			
16	3	100	 <b>rear connection (standard)</b>	108-0b	108-7b	108-8b	 108-0b Flange = 50x50
16	3	100	„C“ with child protection (shutter)	 108-0bc	108-7bc	108-8bc	
16	3	100	 <b>rear connection (standard)</b>	104-0b	104-7b	104-8b	 104-0b Flange = 50x50
16	3	100	„S“ side connection	104-0bs	104-7bs	104-8bs	
16	3	100	„C“ with child protection (shutter)	 104-0bc	104-7bc	104-8bc	
16	3	100	„sc“ side connection, with child protection	 104-0bsc	104-7bsc	104-8bsc	

Special versions are available on request. For more information about our ordering system, please have a look on page 148.

Minimum quantity for ordering special versions: 1.000 pieces



## Plugs and socket outlets

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

#### Socket outlet Danish system

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

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

IP44 splashproof 



#### Socket outlet English version

Poles	13 Amp	13 Amp	2P + E	2P + E
a	64	50		
b	52	38		
c	72	64		
d	25	25		
e	26,5	18		
f	18	22		
g	52	35		
h	4,2	4,5		
Connection type:	Screwed contact			
Weight [g]	67	50		

- with screw terminals
- housing material: PA6

IP54 splashproof 



#### Socket outlet Swiss version T13

Poles	10 Amp	2P + E
a	50	
b	38	
c	62	
d	29	
e	15	
f	23	
g	42	
h	4,2	
Connection type:	Screwed contact	
Weight [g]	42	

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

IP54 splashproof



#### Socket outlet Swiss version T23

Poles	16 Amp	2P + E
a	50	
b	38	
c	60	
d	25	
e	15	
f	24	
g	42	
h	4,2	
Connection type:	Screwed contact	
Weight [g]	42	

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

IP54 splashproof

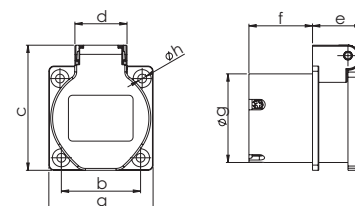
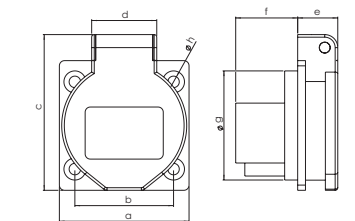
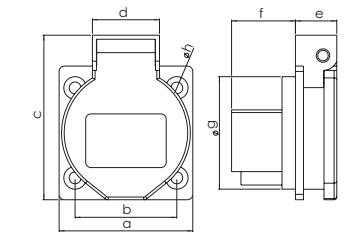
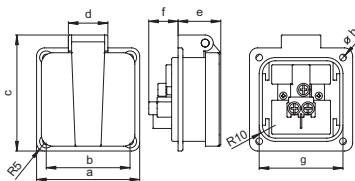
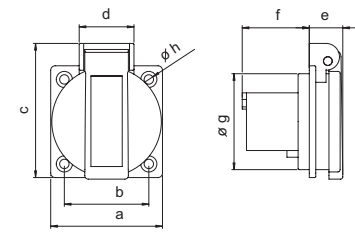


#### Socket outlet Swiss version T25

Poles	16 Amp	3L + N + PE
a	50	
b	38	
c	60	
d	25	
e	24	
f	31	
g	43	
h	4,2	
Connection type:	Screwed contact	
Weight [g]	64	

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

IP54 splashproof



250V~

50/60Hz

400V~

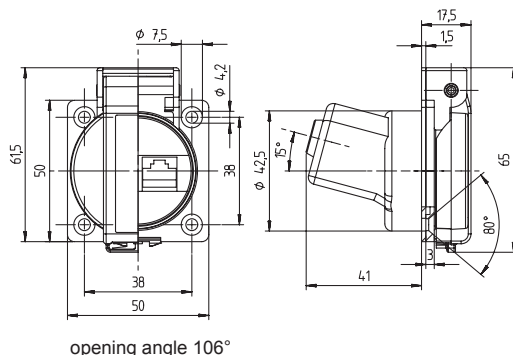
50/60Hz

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

# Plugs and socket outlets

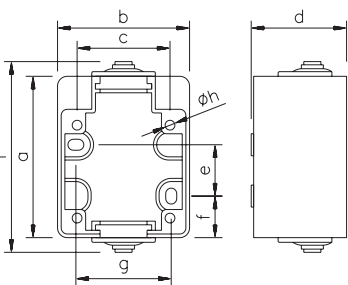
## Data socket outlets and accessories

### Data socket outlet



- 2xRJ45 Cat.6 Modul 8(8)
- with insulation displacement connection

**IP55** dust- and waterproof



### Mounting box

a	66
b	54
c	38
d	39
e	21
f	17
g	39
h	3
i	78
Weight [g]	43

- for sockets PNOVA Plus with lid and flange size 50 x 50 mm
- suitable also for Swiss socket T23 1023-0bs and for Danish socket 1030-0b

**IP44** splashproof

### Advantages:

- easy mounting - long holes for screws
- hole distance dimensions - on the rear
- space between wall and box by nipples
- 2 entries for PG 13,5
- holes for dehydration available

### Flange gasket for P-Nova+

- for flange 50x50mm

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

### Flange gasket for P-Nova

- for flange 50x50mm

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

16 3 10 yellow

45k23



16 3 24 blue  
16 3 24 grey

106-0  
106-0g

**Fields of application:**  
designed for use in workshop halls, garages, industrial plants, outside walls, ...  
Mounting box is supplied complete.



106-0



Version: Flange gasket for P-Nova+

d105-05



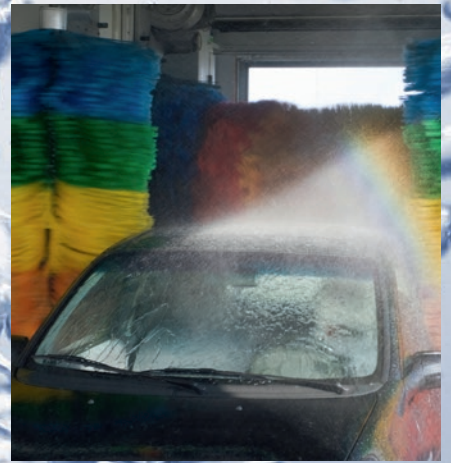
Version: Flange gasket for P-Nova

d105-0






# NAUTILUS



**WATERTIGHT  
PLUGS AND CONNECTORS IP66/68**



## Watertight Plugs and Sockets IP66/68

- robust design
-  for severe conditions
- housing material PC/ABS
- IP66/68 waterproof up to 2 bar / 2 h
- cover with bayonet
- very large hinged lid opening angle (~160°)
- 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)
- screwless cable gland (plug/connector)

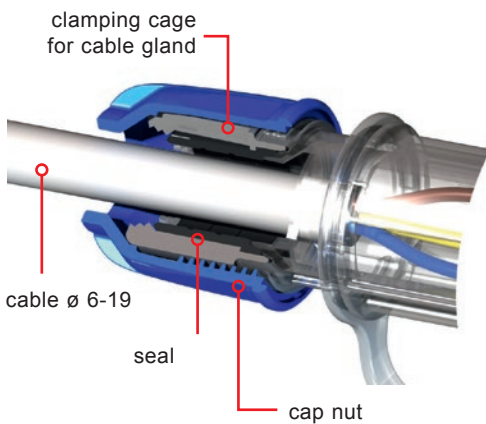


Austrian/German system  
with/without shutter

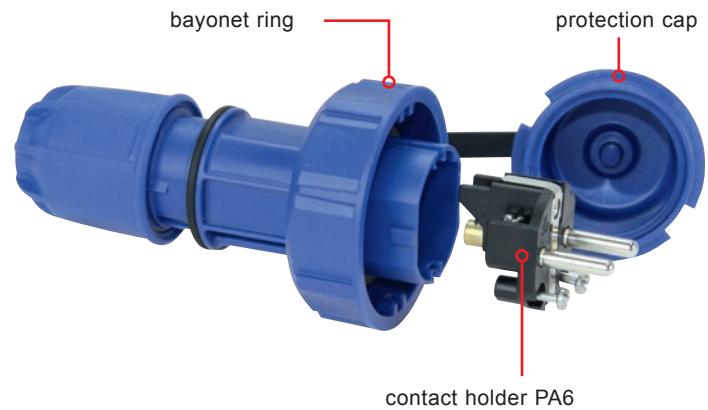


Belg./French system  
with/without shutter

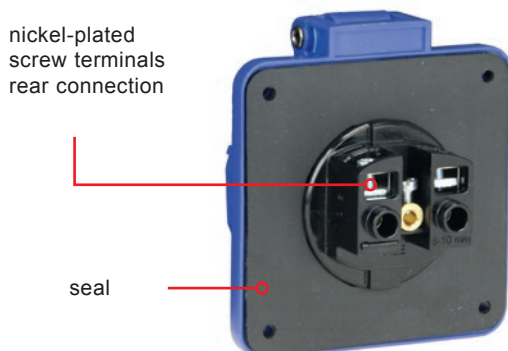
### Plug/Connector



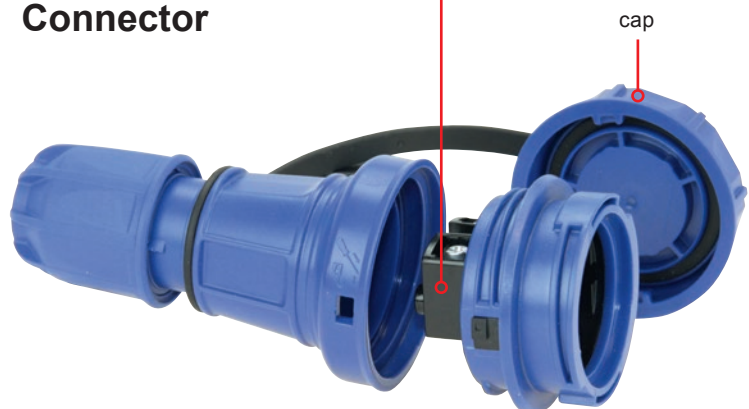
### Plug



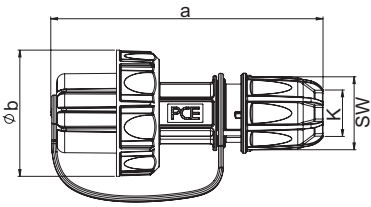
### Flanged socket



### Connector



## Watertight plugs and connectors IP66/68

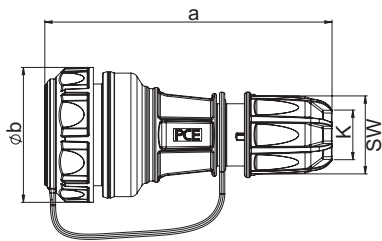


### Plug with protection cap IP66/68

	16 Amp
Poles	2P + E
a	144
Ø b	65
K (cable Ø)	6 - 19
SW	38
Connection type:	Screwed contact
Wire flexible [mm <sup>2</sup> ]	1 - 2,5
Contact screws [Ncm]	100
Weight [g]	120

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

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



### Connector with cap IP66/68

	16 Amp
Poles	2P + E
a	140
Ø b	65
K (cable Ø)	6 - 19
SW	38
Connection type:	Screwed contact
Wire flexible [mm <sup>2</sup> ]	1 - 2,5
Contact screws [Ncm]	100
Weight [g]	140

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

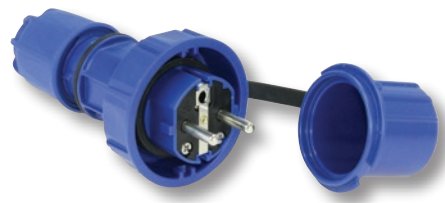
**IP66/68** watertight  
up to 2 bar / 2h



250V~  
50/60Hz

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

16	3	10	<b>Austr./German system + Belg./French system</b> 2-earthing systems	20051-b
----	---	----	---	---------



20051-b

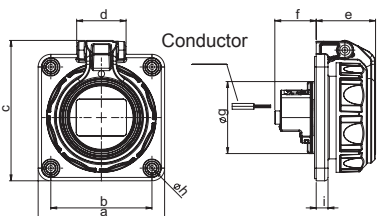
16	3	10	<b>Austr./German system</b>	20251-b
16	3	10	without child protection (shutter)	20251-bc
16	3	10	with child protection (shutter)	
16	3	10	<b>Belg./French system</b>	20241-b
16	3	10	without child protection (shutter)	20241-bc
16	3	10	with child protection (shutter)	



20051-b





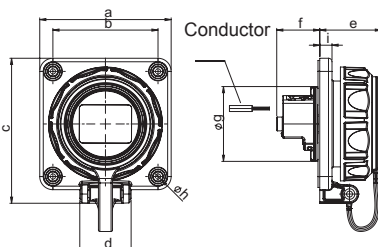


### Flanged socket with hinged lid

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

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

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

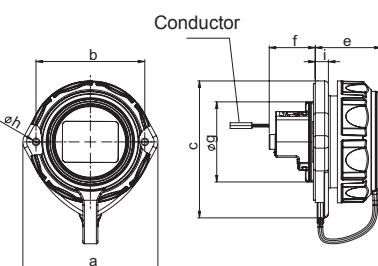


### Flanged socket with cover band

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

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

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



### Flanged socket oval with cover band

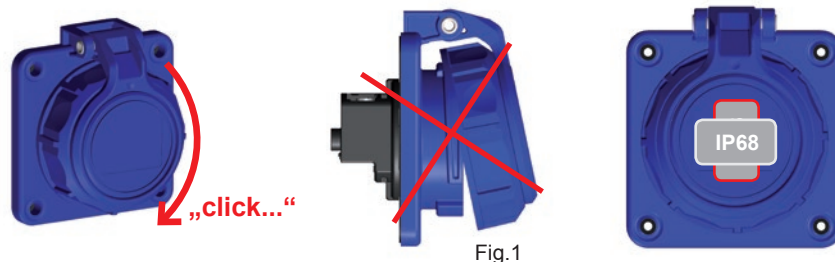
	16 Amp
Poles	2P + E
a	72
b	58
c	75
e	36
f	25
g	43
h	4
i	7
Connection type:	Screwed contact
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5
solid [mm <sup>2</sup> ]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	-

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

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

### ■ Opening and closing:

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



Labelling field horizontal =>

cover waterproof closed

IP68

Labelling field vertical =>

cover not closed correctly (not seal)

IP68

250V~  
50/60Hz

Amp.	Poles	pack. unit	Abbreviations/Types	Cat.No.
16	3	10	<b>Austrian/German system</b> rear connection, flange 75x75	20352-8b
16	3	10	„C“ rear connection, flange 75x75, with child protection (Shutter)	20352-8bc
16	3	10	<b>Belg./French system</b> rear connection, flange 75x75	20342-8b
16	3	10	„C“ rear connection, flange 75x75, with child protection (Shutter)	20342-8bc



20342-8b

16	3	10	<b>Austrian/German system</b> rear connection, flange 75x75	20351-8b
16	3	10	„C“ rear connection, flange 75x75, with child protection (Shutter)	20351-8bc
16	3	10	<b>Belg./French system</b> rear connection, flange 75x75	20341-8b
16	3	10	„C“ rear connection, flange 75x75, with child protection (Shutter)	20341-8bc



20341-8b

16	3	10	<b>Austrian/German system</b> rear connection, oval flange	20351-9b
16	3	10	„C“ rear connection, oval flange with child protection (Shutter)	20351-9bc
16	3	10	<b>Belg./French system</b> rear connection, oval flange	20341-9b
16	3	10	„C“ rear connection, oval flange with child protection (Shutter)	20341-9bc



20351-9b

■ 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.







**P L U G S**

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



Rubber



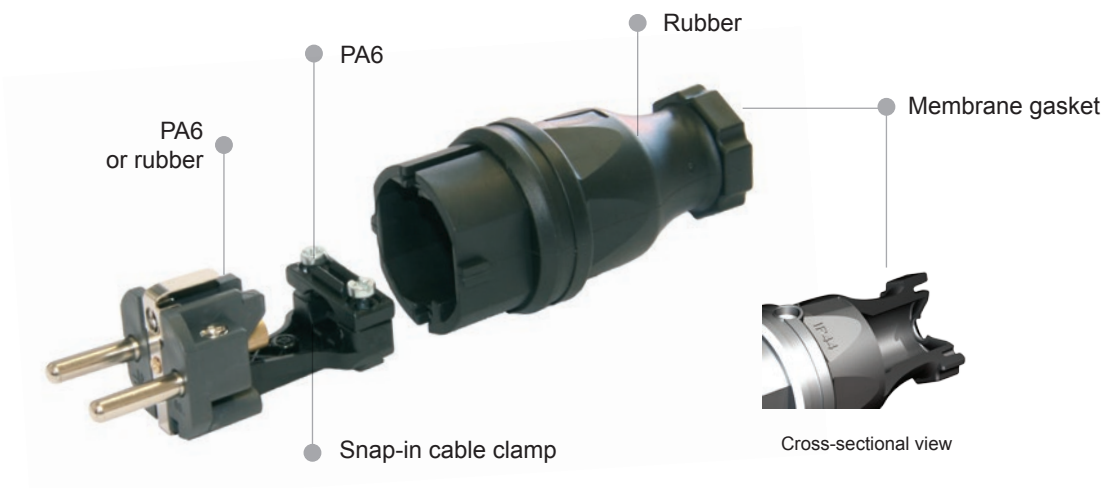
Solid rubber

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

simple handling  
robust design  
easy disassembly of shroud  
slim design



**P L U G   S Y S T E M S**

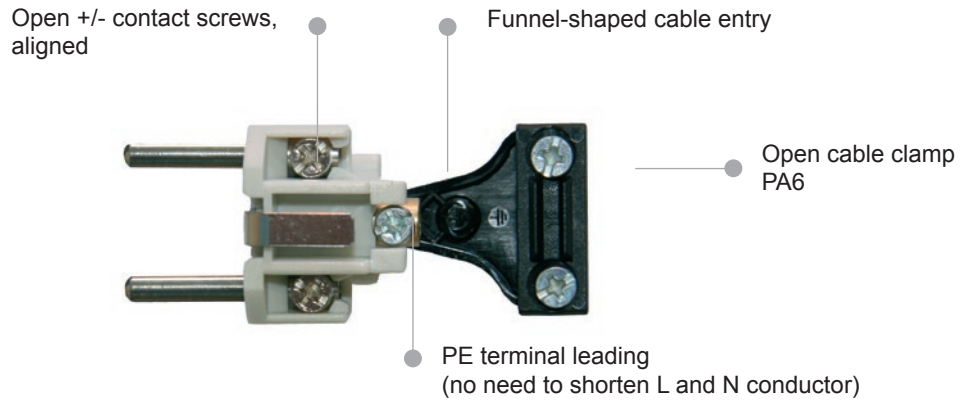


Max. 3G2,5 mm<sup>2</sup> rubber-sheathed flexible cable


CONNECTOR SYSTEMS



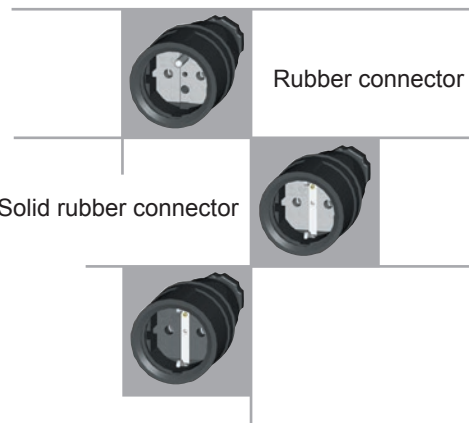
PLUG MODULES



CONNECTOR SYSTEMS

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

Rubber connector Belgian/French earth



Connector with hinged lid



Connector with interlocked ring

**Cable clamp:**

internal  
easy to use cable clamp elements  
(open screws)

large connection area  
simple initial assembly via  
notched contact carriers

**Contact and connection system:**

all contact screws can be adjusted from a single direction (parallel alignment).





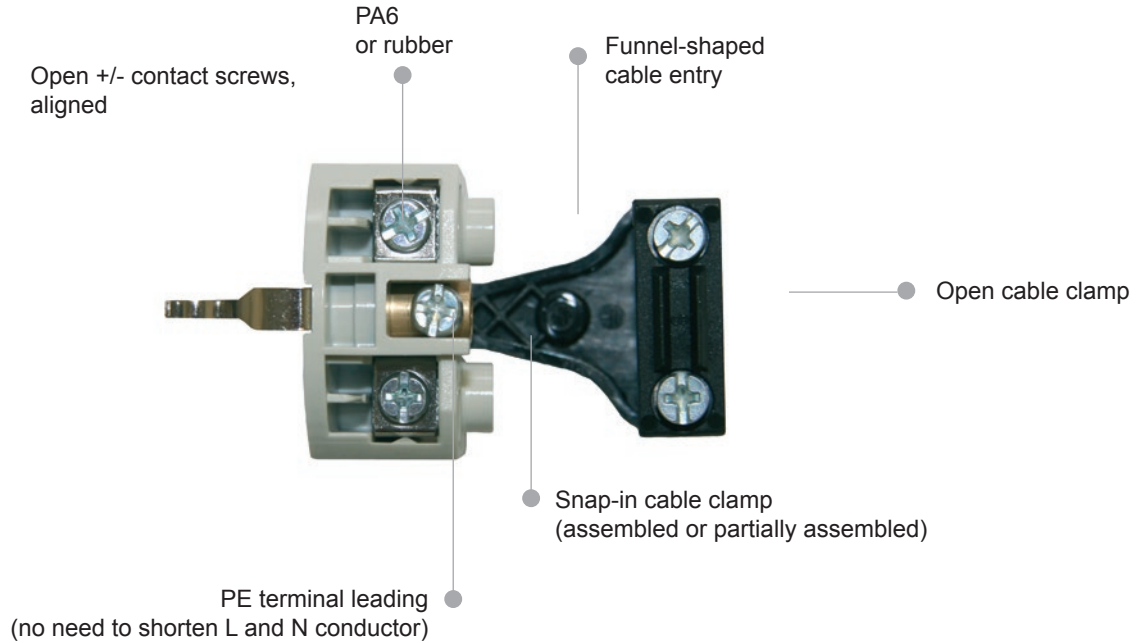
SERIES

**TAURUS**

**PLUG AND CONNECTOR SYSTEMS**




## CONNECTOR MODULES



Max. 3G2,5 mm<sup>2</sup> rubber-sheathed flexible cable



## 3-WAY CONNECTORS

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

contact carriers integrated in housing

own contact elements

open cable clamp

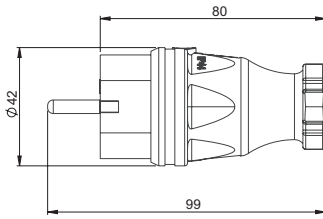
Separate assembly area  
Connection at terminals



Cap with band

# Safety plugs

## Rubber plug IP44



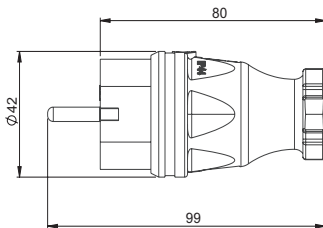
• Insert: polyamide

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



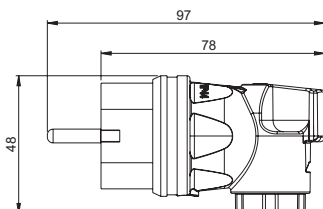
• Insert: rubber

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



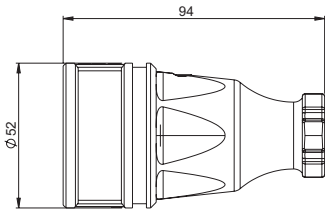
IP44 splashproof



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



### Rubber connector IP20



- Insert: polyamide

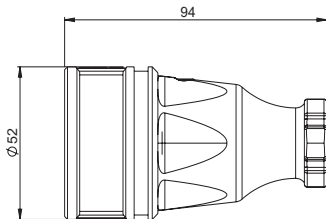
**IP20**



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



### Solid rubber connector IP20

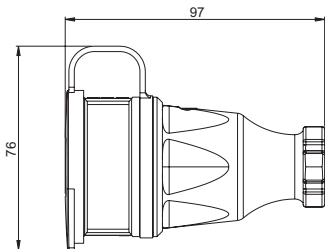


- Insert: rubber




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

### Rubber connector with cap IP44



- with cap
- Insert: polyamide

**IP44** splashproof 



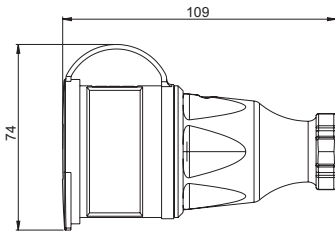
Insert:	acc. Austrian/German system	acc. Belg./French System
Polyamide	2511-s	2411-s
Polyamide with child protection	2511-sc	2411-sc
pack.unit	20	20





# Safety connectors

## Solid rubber connector with cap IP44



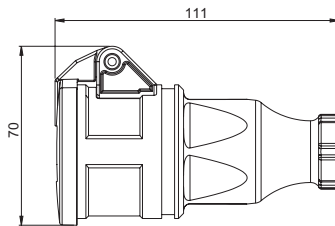
• Insert: rubber



IP44 splashproof

Insert:	acc. Austrian/German system	
Rubber	2521-s	
pack.unit	20	

## Solid rubber connector with hinged lid IP44



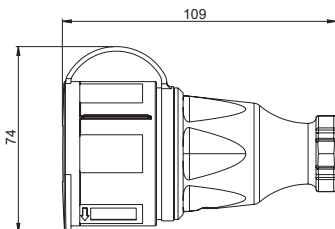
• Insert: rubber



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

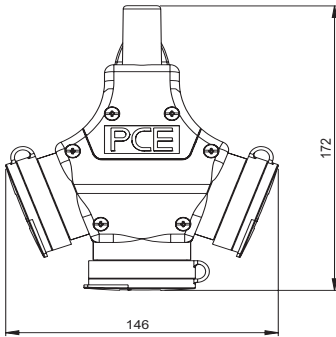


IP44 splashproof


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 rubber with cap\* IP44



- with cap
- Insert: polyamide

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 177

### 3-way connector rubber with cap\* and 5-pole connector IP44



- 5-pole connector terminal
- With cap
- Insert: polyamide

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



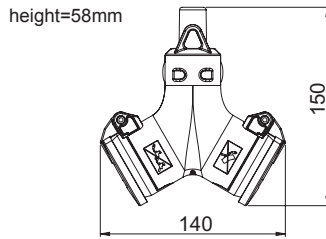
\* 3-way connectors with hinged lid see page 177

## Safety plugs and sockets POLYAMIDE

### 2-way connector with hinged lid IP44

- With hinged lid
- Insert: polyamide

IP44 splashproof



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

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



### Connecor

- Polyamide

IP20

Color	pack. unit	acc. Belg./Franz. system	
white	25	05148	08224
brown	25	05164	
black	25	05177	08253
grey	25	05180	



## Plug British system 13A

### Plug

- Polyamide
- With integrated 13A fuse
- Cable entry: side


IP32

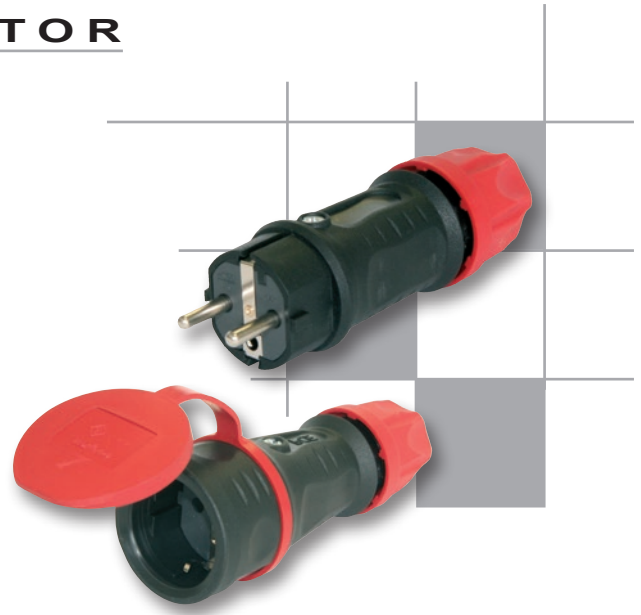
Color	pack unit.	acc. brit. system
		cable entry side
black	10	00200





### 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

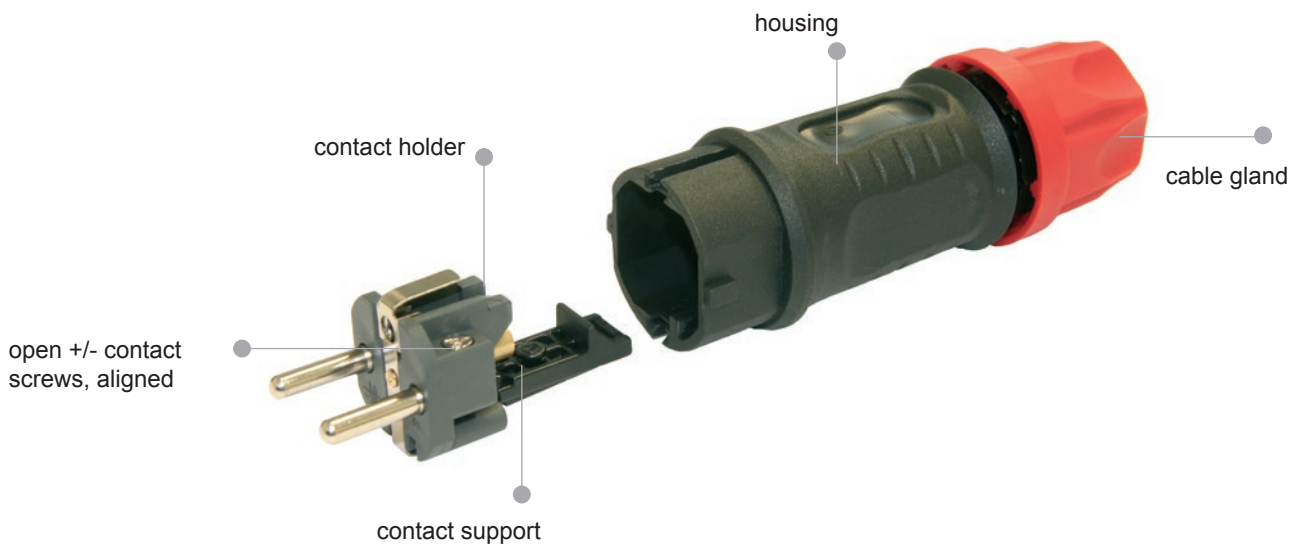
simple handling

robust design

up to 3G 2,5mm<sup>2</sup>

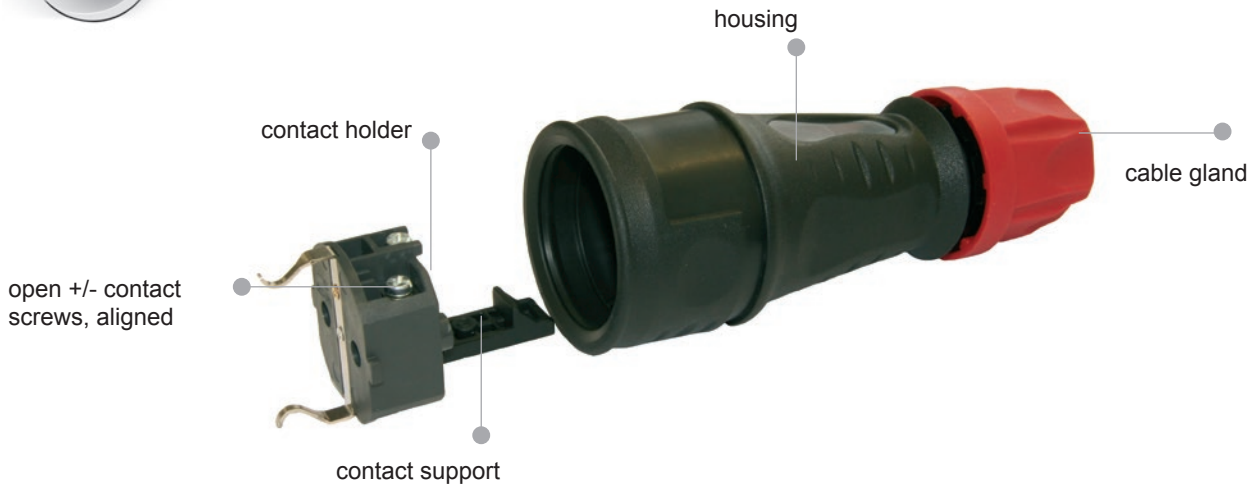


### PLUG MODULES





## CONNECTOR MODULES



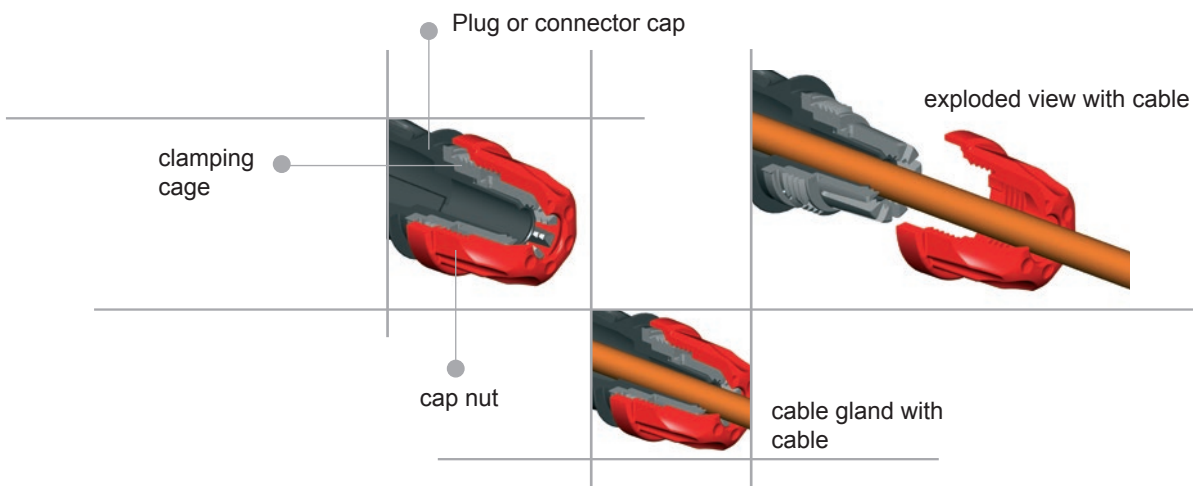
## 3-WAY CONNECTOR

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



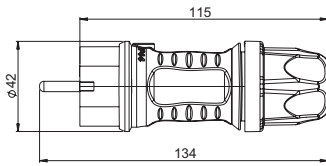
## CABLE CLAMP

- externally placed
- easy handling
- simple assembly
- for cable diameters from Ø 6mm to Ø 13mm





### Solid rubber plug IP44



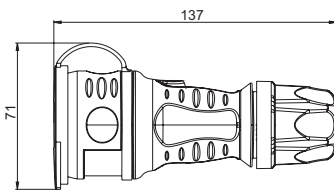
• Insert: rubber

IP44 splashproof



Insert:		dual earthing system	
Rubber		05622-s	
pack.unit		20	

### Solid rubber connector with cap IP44

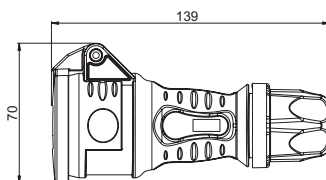


• with cap

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



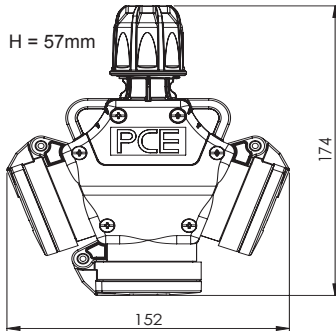
• with hinged lid

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

IP44 splashproof 



Insert:	acc. Austrian/German system	
Rubber	253622-s	
pack.unit	5	

### 3-way connector solid rubber with hinged lid and 5-pole terminal IP44

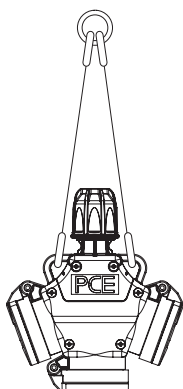



- 5-pole terminal
- With hinged lid
- External centric cable gland
- Insert: rubber

IP44 splashproof 



Insert:	acc. Austrian/German system	
Rubber	253622-s5	
pack.unit	5	



 3-way connectors are also perfectly for hanging usage!



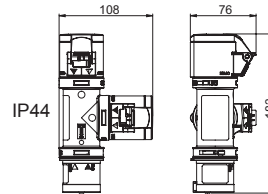
# Multiple-sockets outlet

## 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



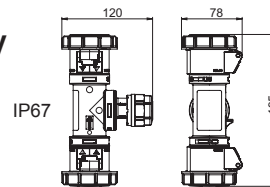
	Cat.No.
<b>IP44</b>	<b>94325103*</b>
<b>IP67</b>	<b>94326103*</b>
pack.unit: 10	

## 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



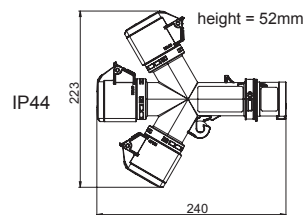
<b>IP44</b>	<b>94325102</b>
<b>IP67</b>	<b>94326102</b>
pack.unit: 10	

## 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

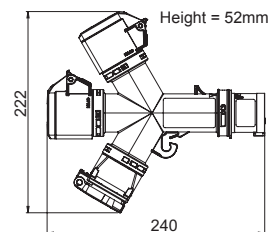
<b>IP44</b>	<b>9432000*</b>
<b>IP67</b>	<b>9432001*</b>

## Multiple-socket outlet



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

**IP44** splashproof

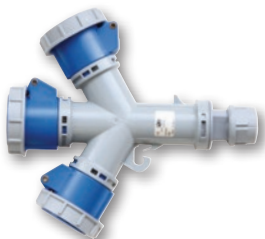


**Entry:**  
1 CEE-plug 16A 3p 230V

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

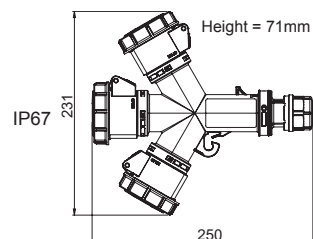
<b>IP44</b>	<b>9432004*</b>
-------------	-----------------

## 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

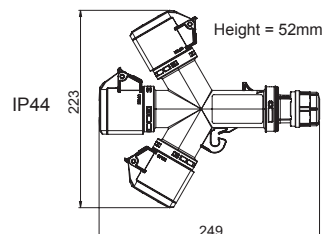
<b>IP44</b>	<b>9432006</b>
<b>IP67</b>	<b>9432007</b>

## 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

<b>IP44</b>	<b>9432002</b>
<b>IP67</b>	<b>9432003</b>

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

## Multiple-sockets outlet and adaptors

### Adaptor

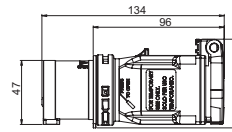
#### CEE-plug 16A 3p / safety socket

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

IP44 splashproof

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

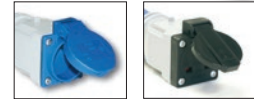
**Outlet:**  
1 safety socket 16A 250V



height = 52mm



German **9433100\***  
Belg./French **9433101\***  
Danish **9433102\***  
English **9433103\***



### Adaptor

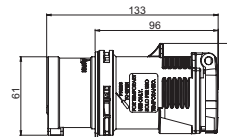
#### CEE-plug 16A 5p / safety socket

- 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

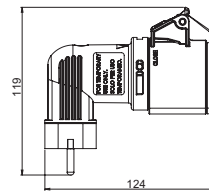
#### Plug for domestic use / CEE-socket outlet

- 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

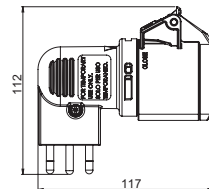
#### Plug for domestic use / CEE-socket outlet

- 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

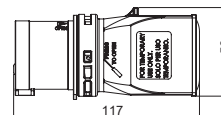
- CEE-plug with nickel-plated contacts

IP20

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

**Outlet:**  
2 italian socket outlets P17/11

**Outlet:**  
1 italian socket outlet P30/17



height = 52mm



**9433180\***



**9433160\***



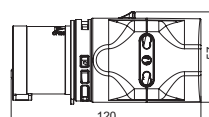
### Adaptor

#### 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



# Adaptors



## Adaptor thermoplastic

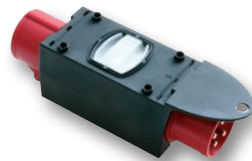
IP44 splashproof

**Entry:** 1 CEE-plug 16A 5p 400V  
**Outlet:** 1 CEE-socket 32A 5p 400V

9437420

**Entry:** 1 CEE-phase inverter 16A 5p 400V  
**Outlet:** 1 CEE-socket 32A 5p 400V

9437430



## Reducing adaptor thermoplastic

IP44 splashproof

**Entry:** 1 CEE-plug 32A 5p 400V  
**Outlet:** 1 CEE-socket 16A 5p 400V  
1 MCB 16A 3p-C

9436422

**Entry:** 1 CEE-phase inverter 32A 5p 400V  
**Outlet:** 1 CEE-socket 16A 5p 400V  
1 MCB 16A 3p-C

9436432

**Entry:** 1 CEE-plug 32A 5p 400V  
**Outlet:** 1 safety socket 16A 250V  
1 MCB 16A 1p-C

9437633



## Adaptor solid rubber Series FREISTADT

IP44 splashproof

**Entry:** 2m cable 3G4 with CEE-plug 32A 5p 400V  
**Outlet:** 1 safety 16A 250V  
1 x fine-wire fuse 16A slow

9848071

## Adaptor solid rubber Series FREISTADT

IP44 splashproof

**Entry:** 2m cable 3G4 with CEE-plug 32A 5p 400V  
**Outlet:** 1 safety socket (Austr./Germ.) 16A 250V  
1 x MCB 16A 1p-C

9848715



## Adaptor solid rubber Series TRAUNSEE with carrying handle

IP44 splashproof

**Entry:** 2m cable 5G4 with CEE-plug 32A 5p 400V  
**Outlet:** 1 CEE-socket 16A 5p 400V  
1 x MCB 16A 3p-C

9216635

## Adaptor solid rubber Series TRAUNSEE with carrying handle

IP44 splashproof

**Entry:** 2m cable 5G10 with CEE-plug 63A 5p 400V  
**Outlet:** 1 CEE-socket 16A 5p 400V  
1 x MCB 16A 3p-C  
1 x RCD 40/4/0,03A

9216631

## Adaptor solid rubber Series TRAUNSEE with carrying handle

IP44 splashproof

**Entry:** 2m cable 5G10 with CEE-plug 63A 5p 400V  
**Outlet:** 1 CEE-socket 32A 5p 400V  
1 x MCB 32A 3p-C  
1 x RCD 40/4/0,03A

9216645



## Adaptor solid rubber Series Zell with carrying handle

IP44 splashproof

**Entry:** 2m cable 5G16 with CEE-plug 125A 5p 400V  
**Outlet:** 1 CEE-socket 63A 5p 400V  
1 x MCB 63A 3p-C

9226961

Special designs - available on request!



# Testing plugs, CEE adapter cable, plug with switch, motor protection plug

## Rotary field testing plug 16A/32, 5p 400V

- the perfect help for all electricians in industry and on construction sites

**IP44** splashproof

\* only for temporary testing period allowed !  
(not for permanent use)

### Function and field of applications:

Check of the rotary field on CEE sockets 16A and 32A 5p 400V with 3 indicator lights:

- green light = rotary field right (clockwise)
- white light = rotary field left (counter clockwise)
- Connecting of safety test equipment with safety plug to CEE sockets (e.g. check of residual current devices)
- white and green light = phase missing
- red and green light = neutral or earthing conductor missing

**16A 5p 400V**

**90150-6\***

**32A 5p 400V**

**90250-6\***



## CEE adapter cable

**IP44** splashproof

**Entry:** 1m cable H07RN-F 5G2,5 with **CEE-plug** 16A 5p 400V and **CEE-connector** 32A 5p 400V

**9809051**

**Entry:** 1m cable H07RN-F 5G6 with **CEE-plug** 32A 5p 400V and **CEE-connector** 63A 5p 400V

**980901506204**



## CEE-plug surface mounting + UVR – via contactor

- 16A 5p 400V
- with ON / OFF buttons
- AC3 400V - Ie = max. 9A/400V
- for motors max. 4kW
- Flange: 85x85, fixing-center: 68x68

**IP44** splashproof

**201620**



## Housing

for CEE plug surface mounting Cat.No. 201620

**352531**



## Motor protection switch with plug

Bottom housing without mounting holes.  
Embossed for holes 68x68mm or 80x80mm.  
Perfect fit for direct mounting on motors.

**IP44** splashproof

Iso-box with motor protection with **CEE-plug 16A 5p 400V** and **padlock barricade** with **andervoltage release (UVR) 400V 50Hz**

Setting range

2,5 - 4,0A	<b>210316</b>
4,0 - 6,3A	<b>210317</b>
6,3 - 10,0A	<b>210318</b>
10,0 - 16,0A	<b>210319</b>

Iso-box with motor protection mit **CEE-plug with phase inverter 16A 5p 400V** and **padlock barricade** with **andervoltage release (UVR) 400V 50Hz**

2,5 - 4,0A	<b>210336</b>
4,0 - 6,3A	<b>210337</b>
6,3 - 10,0A	<b>210338</b>
10,0 - 16,0A	<b>210339</b>







**CEE-PLUGS WITH SWITCH  
MOTOR PROTECTION PLUGS**

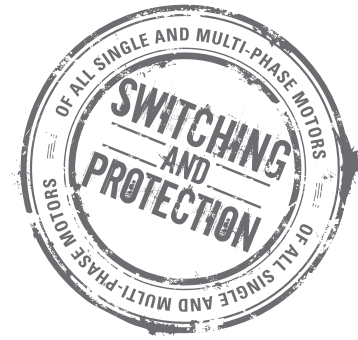


## Motor protection plugs

### 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, ...



# Motorprotection plugs 16A 230V 1,5 - 8,0A

## Motorprotection with schuko plug 16A 230V for all one-phase motors

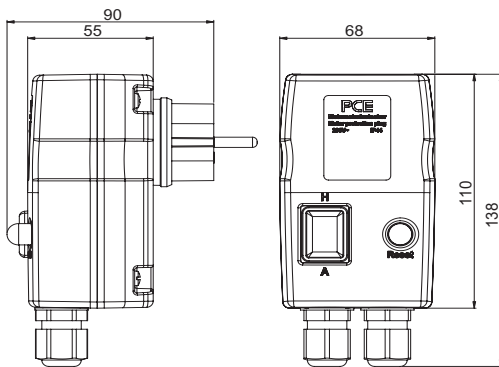


### Technical datas:

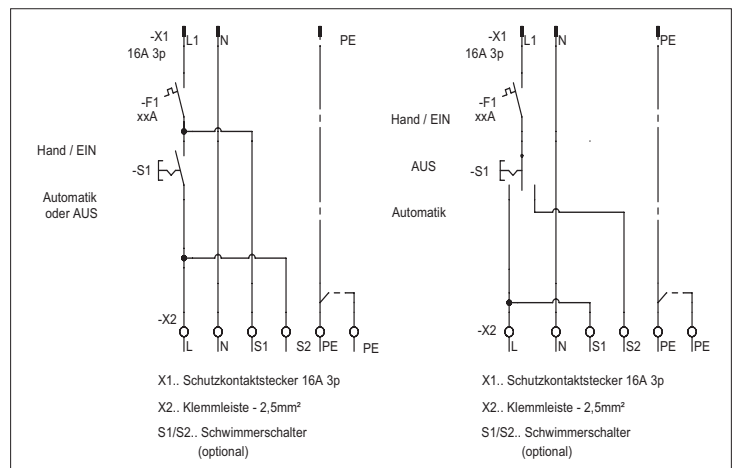
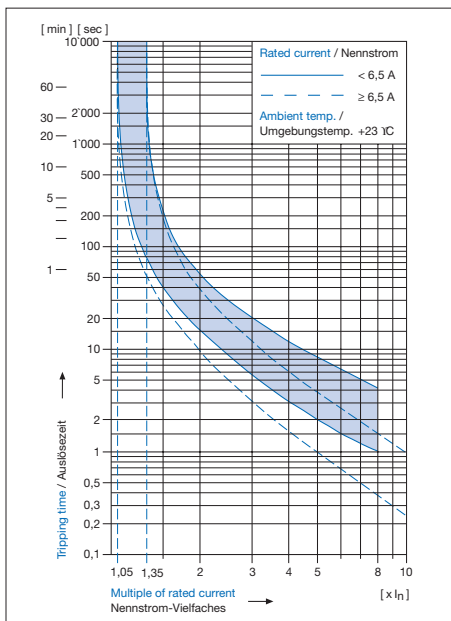
- Enclosure material: PC/ABS
- Protection degree: IP44
- IK standard acc. EN50102: IK09
- Temperature range: -5°C to +40°C
- large connection area

### 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 one-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  
1,5A  
3,0A  
4,0A  
5,0A  
6,5A  
8,0A

230V~ 50/60Hz	
HAND-AUTOMATIC or ON-OFF	HAND-OFF-AUTOMATIC
56101500	
56103000	56103001
56104000	56104001
56105000	
56106000	
56108000	

\* Float switch see page 193

## Motorprotection plugs 16A 230V 10 - 16A

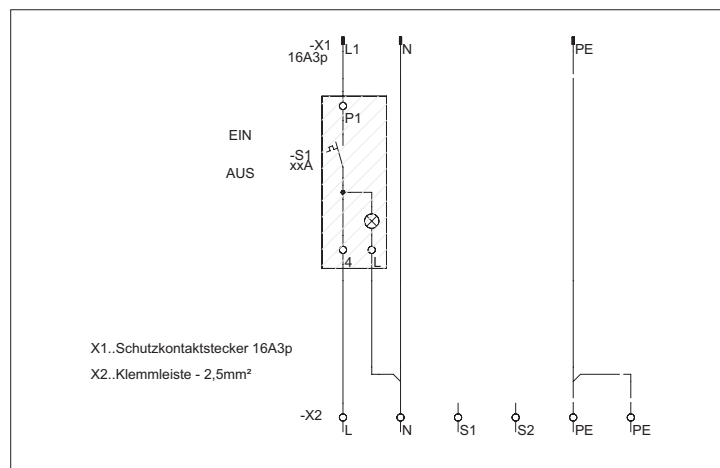
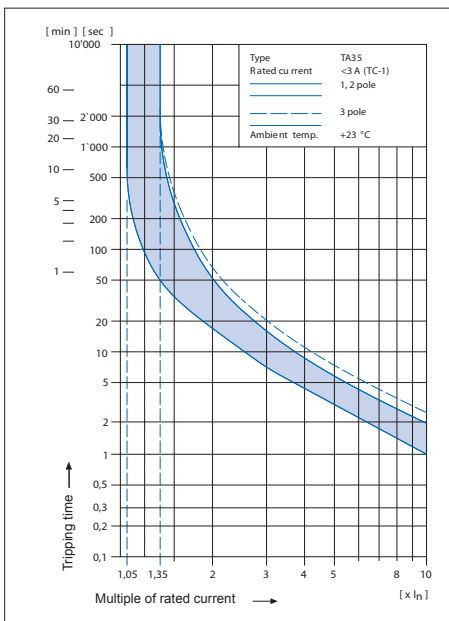
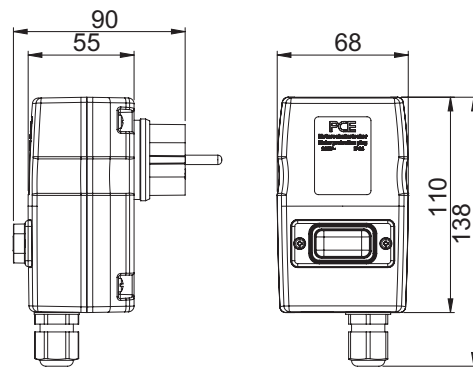
Motorprotection with schuko plug 16A 230V for all one-phase motors

### 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

- Hand-operation-Automatic or On-Off
- cable gland: M16 (5-10mm)

IP44 splashproof

setting  
range

10A  
12A  
14A  
15A  
16A

230V~ 50/60Hz

HAND-AUTOMATIKC  
or ON-OFF

56110004

56112004

56114004

56115004

56116004





# Motorprotection plug with capacitor

## OFF/ON



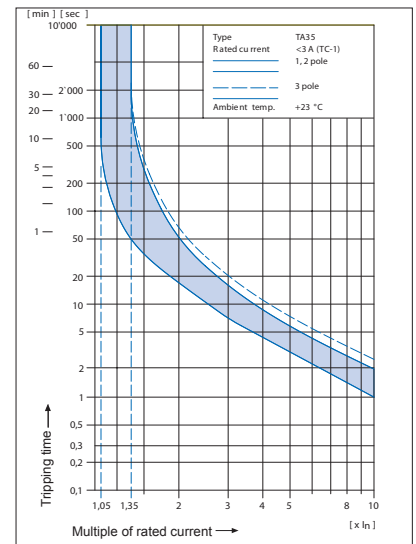
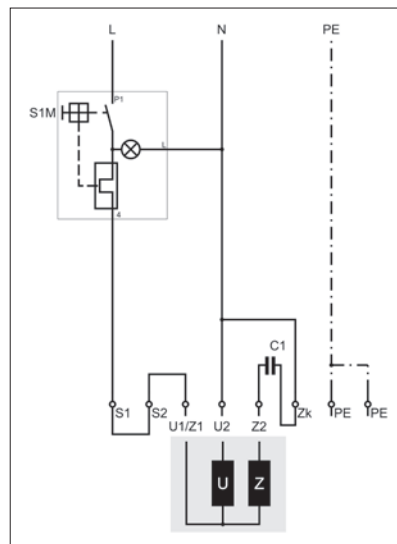
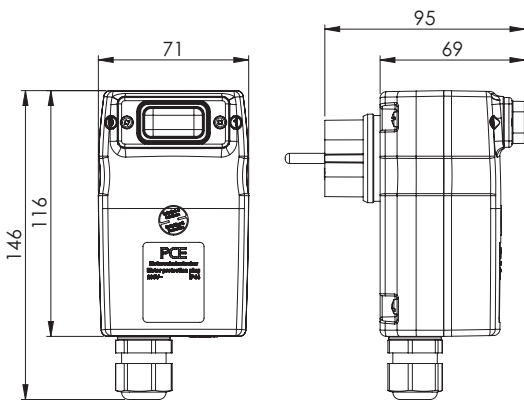
## Motorprotection plug with capacitor 16A 230V for all single phase motors

### 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

## Motorprotection plug with integrated capacitor

- OFF/ON
- cable gland: M20

IP44    splashproof

Amp.

4,0A

6,0A

8,0A

10,0A

	230V~ 50/60Hz		
	C = 20 µF	C = 25 µF	C = 30 µF
4,0A	561040C2001	561040C2501	561040C3001
6,0A	561060C2001	561060C2501	561060C3001
8,0A	561080C2001	561080C2501	561080C3001
10,0A	561100C2001	561100C2501	561100C3001

## Motorprotection plug with capacitor

### Motorprotection plug with capacitor 16A 230V for all single phase motors

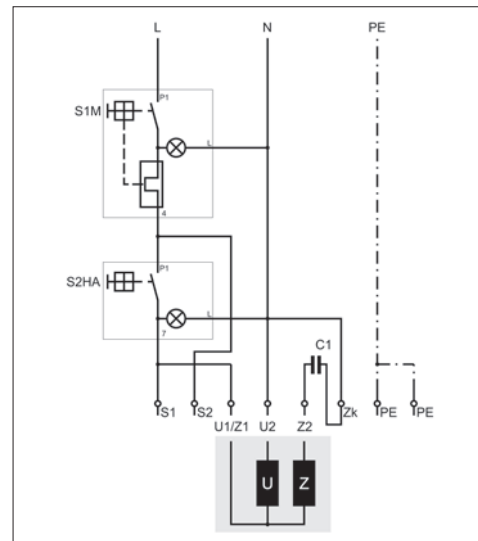
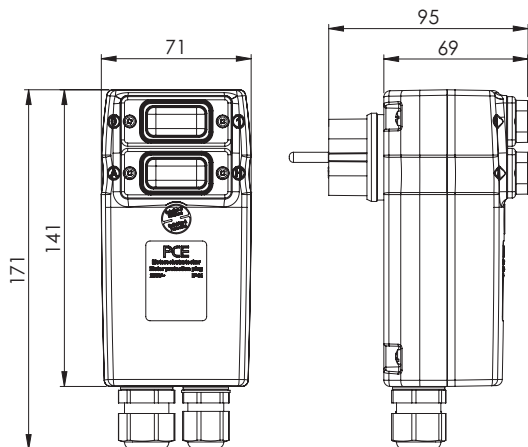
#### ■ ■ Technical datas:

- 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) and **HAND/AUTOMATIC** (H/A)
- switch illuminated
- plug with dual earthing system
- currents: 4A / 6A / 8A / 10A
- integrated capacitor: 20µF / 25µF / 30µF
- cable entry: M20 / M16

#### ■ OFF/ON – HAND/AUTOMATIC



switch: S1M (0/1)	0	0	0	0	1	1	1	1
switch: S2HA (H/A)	A	A	H	H	A	A	H	H
external circuit element(0/1) e.g.: float switch	0	1	0	1	1	0	1	0
appliance: e.g.: pump	0	0	0	0	1	0	1	1

S1M	0 = OFF	1 = ON	illumination (green) = power supply existing
S2HA	H = HAND	A = AUTOMATIC	illumination (yellow) = appliance in operating state

### Motorprotection plug with integrated capacitor

- OFF/ON and HAND/AUTOMATIC
- cable gland: M20 and M16

**IP44** splashproof

**Amp.**

**4,0A**

**6,0A**

**8,0A**

**10,0A**

230V~ 50/60Hz		
C = 20 µF	C = 25 µF	C = 30 µF
561040C2003	561040C2503	561040C3003
561060C2003	561060C2503	561060C3003
561080C2003	561080C2503	561080C3003
561100C2003	561100C2503	561100C3003

\* Float switch see page 193



# CEE-plugs with switch

## CEE-ON/OFF-Switch ML0-Plug



- ON/OFF switch: AC22A, 10kA  $\text{---}\text{O}\text{---}$
  - 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  $\text{---}\text{O}\text{---}$
  - 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  $\text{---}\text{O}\text{---}$
  - 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 !

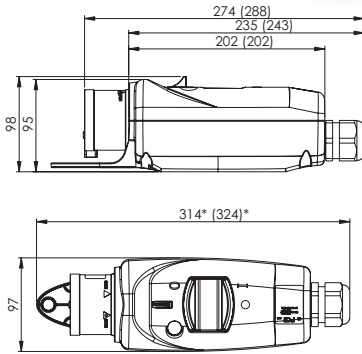
## CEE-Motor protection plugs



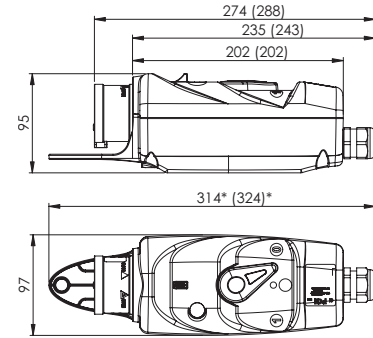
### CEE plug with motor protection switch Z-MS and PKZM0:

#### Technical data:

- housing material: PC/ABS
- protection degree IP44
- IK standard acc. EN50102: IK09
- all designs available with or without holder
- large connection area



- dimensions: 16A (32A)
- \* dimensions only valid for design with holder



#### Details of Z-MS and PKZM0:

- reliable means of protection against thermal overloading and short circuiting
- all protection switches feature thermal overload and magnetic short circuit triggering
- short circuit capacity of Z-MS 10kA and PKZM0: 50kA respectively

#### Rotating field check:

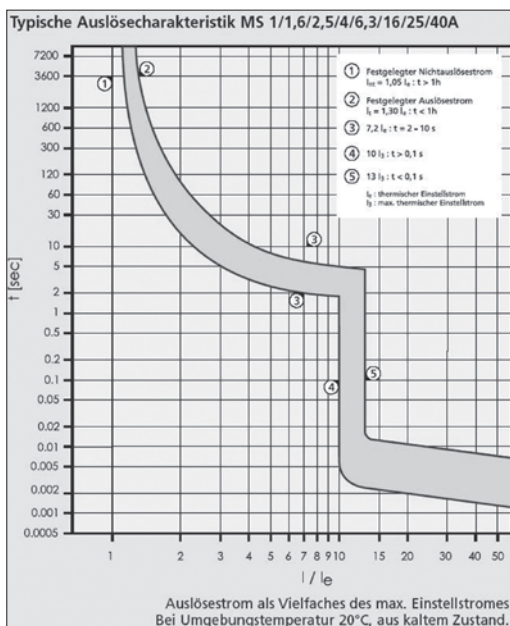
Displays a field rotating in anti-clockwise direction.

#### Operating display:

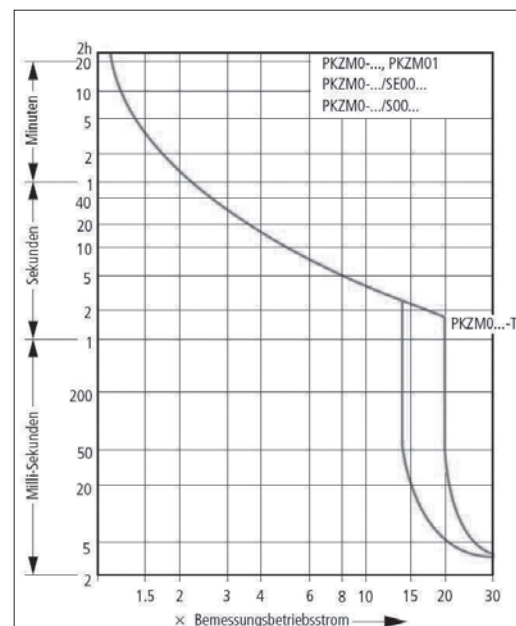
Indicates the voltage supply of two phases of the connector.

- 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.

#### Z-MS Characteristic:



#### PKZM0 Characteristic:



# 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	53xxxxxxx	53xxxxxxx	53xxxxxxx	53xxxxxxx

## 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	53xxxxxxx	53xxxxxxx	53xxxxxxx	53xxxxxxx

Other versions on request!



## CEE-Motor protection plugs Z-MS with toggle switch

### CEE-Motor protection plug Z-MS

- 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	51014016	51015016	51024016	51025016
1,6 - 2,5A	51014025	51015025	51024025	51025025
2,5 - 4,0A	51014040	51015040	51024040	51025040
4,0 - 6,3A	51014063	51015063	51024063	51025063
6,3 - 10A	51014100	51015100	51024100	51025100
10 - 16A	51014160	51015160	51024160	51025160
16 - 25A			51024250	51025250
25 - 40A			51024400	51025400
with holder	50xxxxxx	50xxxxxx	50xxxxxx	50xxxxxx



### CEE-Motor protection plug Z-MS 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	510140161	510140161	510240161	510250161
1,6 - 2,5A	510140251	510140251	510240251	510250251
2,5 - 4,0A	510140401	510140401	510240401	510250401
4,0 - 6,3A	510140631	510140631	510240631	510250631
6,3 - 10A	510141001	510141001	510241001	510251001
10 - 16A	510141601	510141601	510241601	510251601
16 - 25A			510242501	510252501
25 - 40A			510244001	510254001
with holder	50xxxxxx	50xxxxxx	50xxxxxx	50xxxxxx



### CEE-Motor protection plug Z-MS 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	517140163	517150163	517240163	517250163
1,6 - 2,5A	517140253	517150253	517240253	517250253
2,5 - 4,0A	517140403	517150403	517240403	517250403
4,0 - 6,3A	517140633	517150633	517240633	517250633
6,3 - 10A	517141003	517151003	517241003	517251003
10 - 16A	517141603	517151603	517241603	517251603
16 - 25A			517242503	517252503
25 - 40A			517244003	517254003
with holder	50xxxxxx	50xxxxxx	50xxxxxx	50xxxxxx



# CEE-Motor protection plugs contactor up to 7,5kW

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

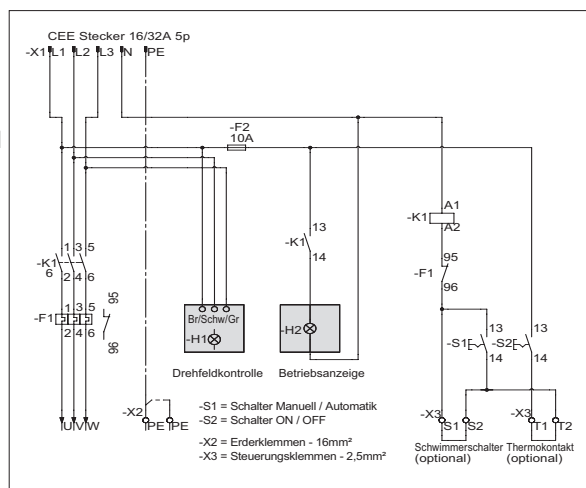


### Technical data:

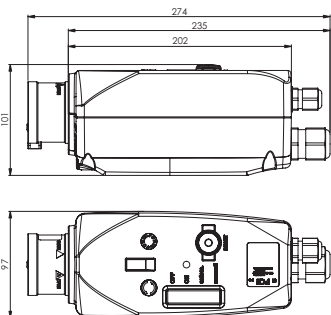
- enclosure material: PC/ABS
- protection degree: IP44
- IK standard acc. to EN50102: IK09
- temperature range: -25° C bis +40°C
- large connection area

### Designs:

- with rocker switch ON/OFF and MANUELL/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 (ø 13–18mm) at 16A and M32 (ø 13–20mm) at 32A
  - top part: 1x cable gland M16 (ø 5–10mm) 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 ...

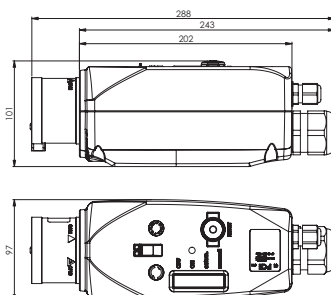


### CEE-Motor protection plug with contactor 16A 5p 400V

- 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 193

## CEE-Motor protection plugs contactor up to 15 kW

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

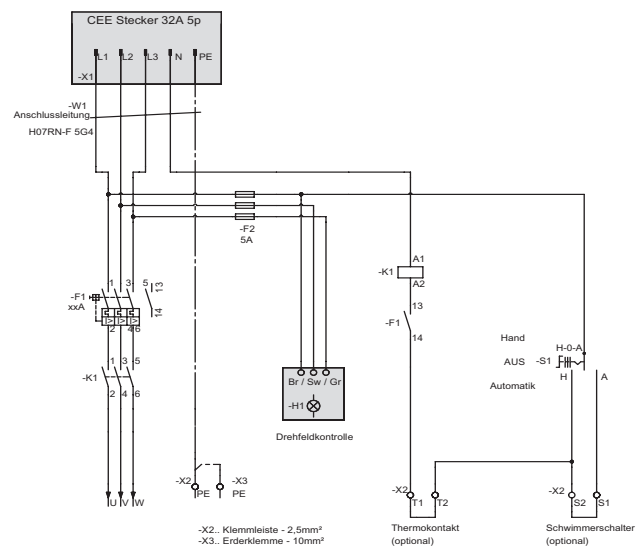
#### Technical data:

- 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 (Ø 13–20mm)
- 2x cable glands M16 (Ø 5–10mm) 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 gland with contactor up to 15 kW (32A)

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



#### 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 +60°C
- switching capacity: max. 400VAC 10(4)A min. 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

1023011

1023012















**EVENT TECHNOLOGY**

Event technology

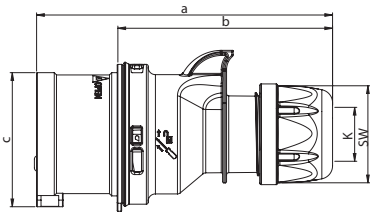
<b>Plugs</b>	Page	<b>196</b>	
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# Event technology MIDNIGHT-SERIES

## Shark Plug

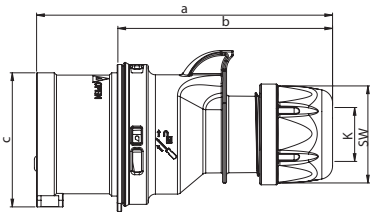


Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	122	128	134	150	150	155
b	86	92	98	104	104	109
c	47	53	61	63	63	70
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100 Ncm			110 Ncm		
SW	42	42	42	50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

## Turbo Shark Plug

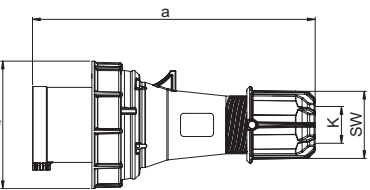


Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	122	128	134	150	150	155
b	86	92	98	104	104	109
c	47	53	61	63	63	70
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Connection type: Screwless terminal						
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
SW	42	42	42	50	50	50
Weight [g]	111	132	156	186	206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

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

**IP44** splashproof

## Power Twist Plug

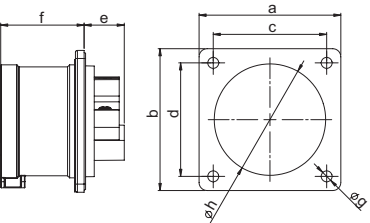


Poles	63 Amp			125 Amp		
	3	4	5	3	4	5
a	257	257	257	270	270	270
b	114	114	114	131	131	131
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Connection type: Contact frame with screws						
Wire flexible [mm <sup>2</sup> ]	6-16			16-50		
Contact screws [Ncm]	200 Ncm			450 Ncm		
SW	61	61	61	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 9)

**IP66/67** watertight

## Flanged plug straight

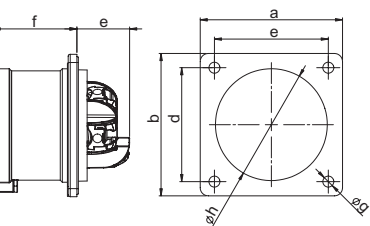


Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
Flange						
a x b	70	70	70	70	70	70
Fixing center						
c x d	56	56	56	56	56	56
e	21	21	20	21	21	21
f	42	42	42	51	51	51
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	43	55	55	55	55
Connection type: Screw terminal						
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100 Ncm			110 Ncm		
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 32)

**IP44** splashproof

## Turbo Twist Flanged plug straight



Poles	16 Amp		32 Amp	
	3	5	4	5
Flange				
a x b	70	70	70	70
Fixing center				
c x d	56	56	56	56
e	26	26	29	29
f	42	42	51	51
g	5,5	5,5	5,5	5,5
h	43	55	55	55
Connection type: Screwless terminal				
Wire flexible [mm <sup>2</sup> ]	1-2,5		2,5-6	
solid [mm <sup>2</sup> ]	1-4		2,5-10	
Weight [g]	899	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 32)

**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

**Cat.No.**

**Cat.No.**

<b>013-6x</b>
<b>023-6x</b>

<b>014-6x</b>
<b>015-6x</b>
<b>024-6x</b>
<b>025-6x</b>



023-6x

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

**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**



615-6x

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**

**TURBO TWI click**



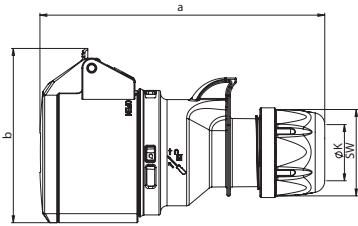
615-6TTx

Minimum order quantity: 50 pcs.



# Event technology MIDNIGHT-SERIES

## Shark Connector IP44

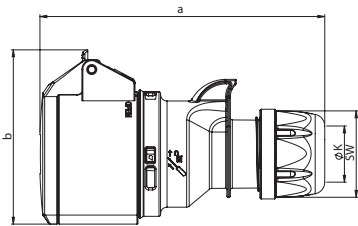


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a	133	138	145	161	161	168
b	76	80	89	91	94	100
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
Contact screws [Ncm]	100 Ncm			110 Ncm		
SW	42	42	42	50	50	50
Weight [g]	134	161	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

## Turbo Shark Connector IP44

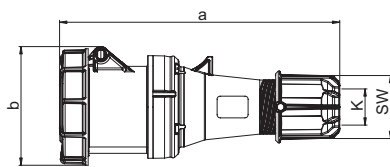


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
a	133	138	145	161	161	168
b	76	82	89	94	94	100
K_cable Ø [mm]	6-15	6-15	8-16	11,5-20	11,5-20	11,5-22
Connection type:	Screwless terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
SW	42	42	42	50	50	50
Weight [g]	136	161	193	228	243	271

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

**IP44** splashproof

## Power Twist Connector IP66/67

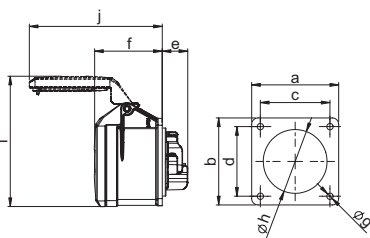


	63 Amp			125 Amp		
Poles	3	4	5	3	4	5
a	269	269	269	287	287	287
b	114	114	114	124	124	124
K_cable Ø [mm]	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Connection type:	Contact frame with screws					
Wire flexible [mm <sup>2</sup> ]	6-16			16-50		
Contact screws [Ncm]	200 Ncm			450 Ncm		
SW	61	61	61	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 10)
- to order with pilot contact system (PCS) please add a „6“ e.g. 2336-6xs (see page 10)

**IP66/67** watertight

## Flanged socket straight IP44

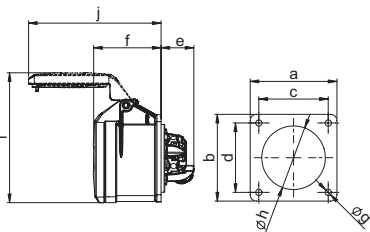


	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b	70	70	70	70	70	70
Fixing center c x d	56	56	56	56	56	56
e	21	21	21	23	23	23
f	55	55	55	67	67	67
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	45	55	55	55	58
i	99	101	105	112	112	108
j	101	101	107	122	122	136
Connection type:	Screw terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
solid [mm <sup>2</sup> ]	1-4			2,5-10		
Contact screws [Ncm]	100 Ncm			110 Ncm		
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

## Turbo Twist Flanged socket straight IP44



	16 Amp			32 Amp		
Poles	3	4	5	3	4	5
Flange a x b	70	70	70	70	70	70
Fixing center c x d	56	56	56	56	56	56
e	27	27	27	27	27	27
f	55	55	55	67	67	67
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	45	55	55	55	58
i	87	101	105	112	112	108
j	101	101	107	122	122	136
Connection type:	Screwless terminal					
Wire flexible [mm <sup>2</sup> ]	1-2,5			2,5-6		
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

**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.**

<b>213-6x</b>
<b>223-6x</b>

<b>214-6x</b>
<b>215-6x</b>
<b>224-6x</b>
<b>225-6x</b>



223-6x

16	3	10
16	4	10
16	5	10
32	3	10
32	4	10
32	5	10

**213-6TTx**

**223-6TTx**

**214-6TTx**  
**215-6TTx**

**224-6TTx**  
**225-6TTx**



215-6TTx

63	3	2
63	4	2
63	5	2
125	3	2
125	4	2
125	5	2

**233-6xs**

**243-6xs**

**234-6xs**  
**235-6xs**

**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**

**323-6x**

**314-6x**  
**315-6x**

**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**

**323-6TTx**

**314-6TTx**  
**315-6TTx**

**324-6TTx**  
**325-6TTx**

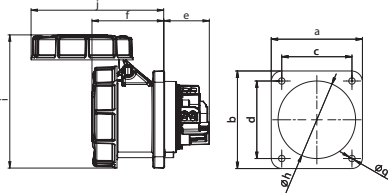


313-6TTx

Minimum order quantity: 50 pcs.



# Event technology MIDNIGHT-SERIES

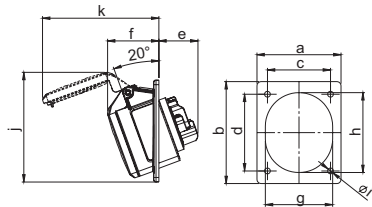


## Power Twist Flanged socket straight 66/67

Poles	63 Amp			125 Amp		
	3	4	5	3	4	5
a	100	100	100	120	120	120
b	100	100	100	100	100	100
c	80	80	80	48	48	48
d	80	80	80	101	101	101
e	50	50	50	8	8	8
f	80	80	80	90	90	90
g	7	7	7	159	159	159
h	85	85	85	179	179	179
i	147	147	147	147	147	147
j	146	146	146	146	146	146
Connection type: Contact frame with screws						
Wire flexible [mm²] 6-16 16-50						
solid [mm²] 6-25 16-70						
Contact screws [Ncm] 200 Ncm 450 Ncm						
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 10)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 3336-6xs (see page 10)

**IP66/67** watertight

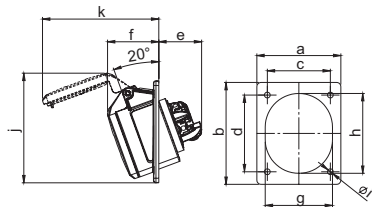


## Flanged socket sloping IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	80	80	80	80	80	80
b	97	97	97	97	97	97
c	60	60	60	60	60	60
d	73	73	73	73	73	73
e	38	38	38	48	48	48
f	47	47	49	54	54	55
g	51	56	65	65	65	70
h	61	67	76	75	75	80
i	5,5	5,5	5,5	5,5	5,5	5,5
j	97	103	105	105	105	99
k	99	104	111	119	119	130
Connection type: Screw terminal						
Wire flexible [mm²] 1-2,5 2,5-6						
solid [mm²] 1-4 2,5-10						
Contact screws [Ncm] 100 Ncm 110 Ncm						
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

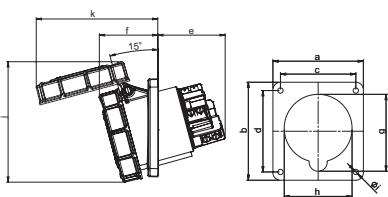


## Turbo Twist Flanged socket sloping IP44

Poles	16 Amp			32 Amp		
	3	4	5	3	4	5
a	80	80	80	80	80	80
b	97	97	97	97	97	97
c	60	60	60	60	60	60
d	73	73	73	73	73	73
e	41	41	41	48	48	48
f	47	47	49	54	54	55
g	51	56	65	65	65	70
h	61	67	76	75	75	80
i	5,5	5,5	5,5	5,5	5,5	5,5
j	97	103	105	105	105	99
k	99	104	111	119	119	130
Connection type: Screwless terminal						
Wire flexible [mm²] 1-2,5 2,5-6						
solid [mm²] 1-4 2,5-10						
Weight [g] 119 133 158 165 182 215						

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

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



## Power Twist Flanged socket sloping IP67

Poles	63 Amp			125 Amp		
	3	4	5	3	4	5
a	100	100	100	120	120	120
b	112	112	112	130	130	130
c	80	80	80	100	100	100
d	88	88	88	108	108	108
e	64	64	64	92	92	92
f	80	80	80	77	77	77
g	92	92	92	102	102	102
h	82	82	82	90	90	90
i	7	7	7	7	7	7
j	148	148	148	160	160	160
k	154	154	154	162	162	162
l	154	154	154	162	162	162
Connection type: Contact frame with screws						
Wire flexible [mm²] 6-16 16-50						
solid [mm²] 6-25 16-70						
Contact screws [Ncm] 200 Ncm 450 Ncm						
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 9)
  - to order with pilot contact system (PCS) please add a „6“ e.g. 4336-6xs (see page 10)

**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**  
*twist*  
**click**



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

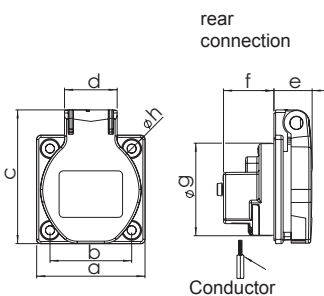


435-6xs



# Event technology MIDNIGHT-SERIES

## Socket outlet safety Austrian/German system with sealing bulge



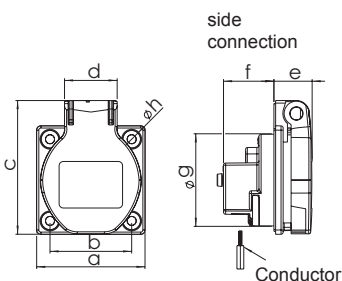
• STANDARD •	
	16 Amp
Poles	2P + E
a	50
b	38
c	62
d	25
e	22
f	24
g	43
h	4,2
Connection type:	Screwed contact
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5
solid [mm <sup>2</sup> ]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- with sealing bulge
- with screwed contact
- 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 EA 8684-2-2:2010

## Socket outlet safety Austrian/German system

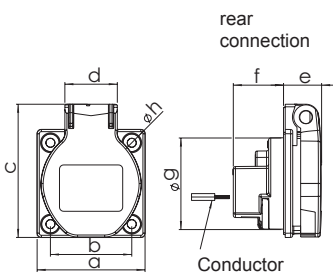


• STANDARD •	
	16 Amp
Poles	2P + E
a	50
b	38
c	62
d	25
e	18
f	24
g	43
h	4,2
Connection type:	Screwed contact
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5
solid [mm <sup>2</sup> ]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- with screwed contact
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof 

## Socket outlet safety Belgian/French system

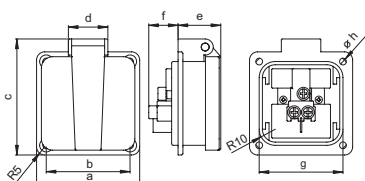


• STANDARD •	
	16 Amp
Poles	2P + E
a	50
b	38
c	62
d	25
e	18
f	24
g	43
h	4,2
Connection type:	Screwed contact
Wire flexible [mm <sup>2</sup> ]	1 - 2x2,5
solid [mm <sup>2</sup> ]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- with screwed contact
- housing material: PA6
- contacts: nickel-plated contacts
- with child protection (shutter)


IP54 splashproof 

## Socket outlet safety British system



• STANDARD •		
	13 Amp	13 Amp
Poles	2P + E	2P + E
a	64	50
b	52	38
c	72	54
d	25	25
e	26,5	18
f	18	22
g	52	35
h	4,2	4,5
Connection type:	Screwed contact	
Weight [g]	67	50

- with screwed contact
- housing material: PA6
- side connection


IP54 splashproof 

250V~

50/60Hz

PCE


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

16	3	100	 Flange: 50x50mm, Fixing center: 38x38mm	1050-0ssw
----	---	-----	--	-----------



16	3	100	 Flange: 50x50mm, Fixing center: 38x38mm	1050-0ss
----	---	-----	--	----------



16	3	100	 Flange: 50x50mm, Fixing center: 38x38mm	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



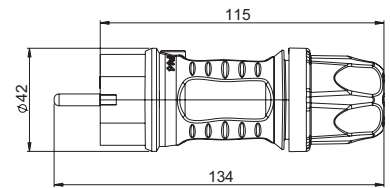
## Solid rubber plug

- with screwless cable gland
- dual earthing system
- insert: rubber

IP44 splashproof

**05622-ss**

pack.unit: 20



## Solid rubber connector Austr./German system

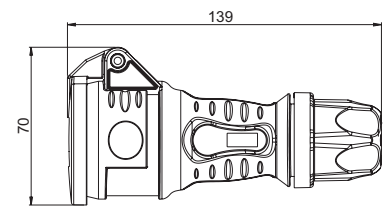
- with screwless cable gland
- with cap
- insert: rubber

IP44 splashproof

with cap **25621-ss**

with hinged lid **25622-ss**

pack.unit: 10



## Solid rubber connector Belg./French system

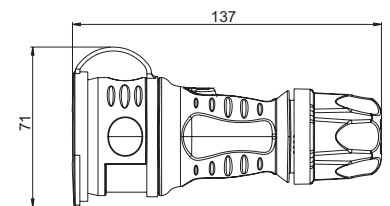
- with screwless cable gland
- with cap
- insert: polyamide

IP44 splashproof

integrated gasket inside **24611-ss**

integrated gasket inside and child protection **24611-ssc**

pack.unit: 10



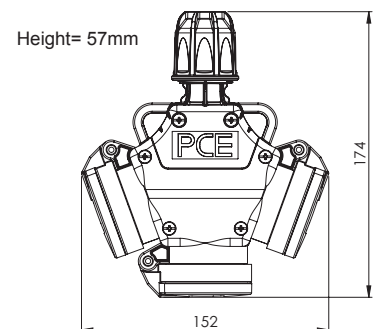
## 3-way connector solid rubber Austr./German system

- with hinged lid
- insert: rubber
- with screwless cable gland

IP44 splashproof

**253622-sxs**

pack.unit: 5



## 3-way connector rubber Belgian/French system

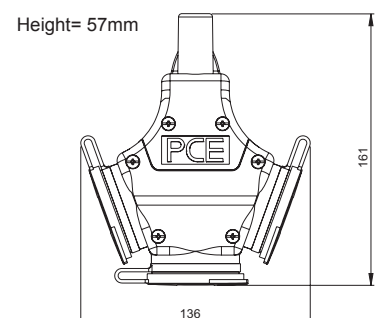
- with cap
- insert: polyamide

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>)

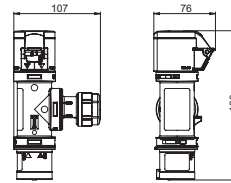
IP44 splashproof



Example

**94325000**

pack.unit: 10



## T-Connect

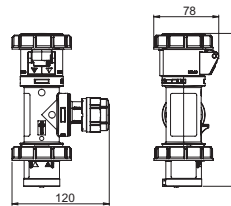
### Equipment:

- 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

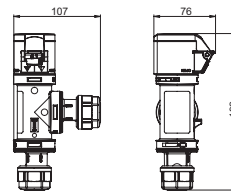
IP44 splashproof

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

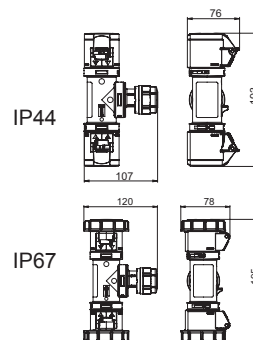
IP44 splashproof

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

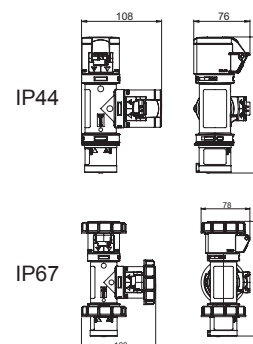
IP44 splashproof

IP44 **94325003**

IP67 watertight

IP67 **94326003**

pack.unit: 10





# Event technology MIDNIGHT-SERIES

## Compact distribution boxes Series St. Anton



- Plugs and sockets are black

**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: HxW = 370x298mm



- for wall-fastening
- solid rubber enclosure, with protective roof
- window up to max. 14 modules
- bottom of box and cover connected with joint
- ready wired for connection

**IP54** dust- and splashproof

**Equipment:**  
1 CEE-socket 32A 5p 400V sw  
1 CEE-socket 16A 5p 400V sw  
2 safety sockets 16A 250V sw  
  
1xM32 on top, 1xM32 from bottom

**Protection:**  
1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 63/4/0,03A over all outlets

92271649

## Wall distribution boxes series Bruck

Dimensions: HxW = 370x370mm



- for wall-fastening
- solid rubber enclosure, with protective roof
- window up to max. 18 modules
- bottom of box and cover connected with joint
- ready wired for connection

**IP54** dust- and splashproof

**Equipment:**  
1 CEE-socket 32A 5p 400V sw  
2 CEE-sockets 16A 5p 400V sw  
4 safety sockets 16A 250V sw  
  
1xM32 on top, 1xM32 from bottom

**Protection:**  
1 MCB 32A 3p-C  
2 MCBs 16A 3p-C  
4 MCBs 16A 1p-B  
1 RCD 63/4/0,03A over all outlets

92401543

## Mobile distribution boxes series Spitz

Dimensions: HxWxD = 320x320x320mm



- portable, handy solid-rubber mobile box - stackable
- lifting hinged cover with 2 quick acting closures
- maximum safety – closed casing bottom with high ground clearance
- ready wired for connection

**IP54** dust- and splashproof

**Equipment:**  
2 CEE-sockets 32A 5p 400V sw  
2 CEE-sockets 16A 5p 400V sw  
4 safety sockets 16A 250V sw

2m cable 5G6 with  
CEE-plug 32A 5p 400V sw

**Protection:**  
2 MCBs 16A 3p-C  
4 MCBs 16A 1p-B  
1 RCD 63/4/0,03A over all outlets

94741367

## Mobile distribution boxes series Steyregg

Dimensions: HxWxD = 79x430x129mm



- portable, handy solid-rubber mobile box
- housing with carrying handle
- ready wired for connection

**IP54** dust- and splashproof

**Equipment:**  
2 CEE-sockets 16A 5p 400V sw  
2 safety sockets 16A 250V sw

2m cable 5G4 with  
CEE-plug 32A 5p 400V sw

**Protection:**  
1 MCB 16A 3p-C  
2 MCB 16A 1p-C

9441480

## Series M-SVE3 63/11-12/V2/2M/A/MS

Dimensions: HxWxD = 340x400x350mm

- shock-resistant, robust and mobile insulated thermoplastic box
- very lightweight and handy
- stackable
- resistant to weather and ageing

**IP44** splashproof

### Equipment:

- 1 CEE-socket 16A 5p 400V black
- 1 CEE-socket 32A 5p 400V black
- 12 sockets (DIN 49440) 16A 250V black

Connection cable 44 kVA

2m cable 5G10 with  
CEE-plug 63A 5p 400V

### Protection:

- 1 MCB 16A 3p-C
- 1 MCB 32A 3p-C
- 12 MCBs 16A 1p-C
- 2 RCDs 63/0,03A

**853009286**



## Series M-SVE4 63/1-16/V17/G/E/A/MS

Dimensions: HxWxD = 340x560x350mm

- shock-resistant, robust and mobile insulated thermoplastic box
- very lightweight and handy
- stackable
- resistant to weather and ageing

**IP44** splashproof

### Equipment:

- 1 CEE-socket 16A 5p 400V black
- 16 sockets (DIN 49440) 16A 250V black

Connection cable 44 kVA

CEE-plug 63A 5p 400V  
with cable loop in the entry

### Protection:

- 1 MCB 16A 3p-C
- 16 RCD/MCB 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	181x97mm	10	<b>9006509s</b>
10	199x97mm	10	<b>9006510s</b>
11	217x97mm	10	<b>9006511s</b>
12	235x97mm	10	<b>9006512s</b>
13	253x97mm	10	<b>9006513s</b>
14	271x97mm	10	<b>9006514s</b>
18	343x97mm	10	<b>9006518s</b>



## Hinged windows IP67

- 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

**IP67** 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>



# LED industry spotlight

## LED High Power – new generation

### Philips Fortimo / Lumileds Rebel / Dr. Fischer LED modules

Components are made of high quality semiconductor products, resulting in very low power dissipation and a secure reverse polarity and overload protection must be ensured.

The specially designed shape of the LED leads heat effectively from the chip and thus, a high luminous efficiency without reducing the service life. Also, the luminous flux is very small, so light that plans are expected to be maintenance factor of 0.9 to 0.95.



### LED spotlights relevant standards

#### EN 60598

- 60598-1 general part
- Teil 2-4 portable lights
- Teil 2-5 spotlight
- RoHS and CE-conform

- Lights with restricted surface temperature

#### Economic benefits:

- low power consumption
- low heat generation
- alternative to halogen lamps
- long life
- no maintenance costs
- reduced operating costs (by about 60%)

#### EMV

- EN 55015, EN 61547, EN 61000 -3-2 or -3-3
- Photobiological safety EN 62471
- LED modules for incandescent lamps EN 62031
- Appliances and lamps EN 61347



#### Technical advantages:

- robust, shock and vibration resistant
- no delay
- consistent color reproduction
- not a hollow body which can implode
- Switching frequency of > 1 million
- no UV / IR radiation (heat)

1 Tripod 141000310 (on request)

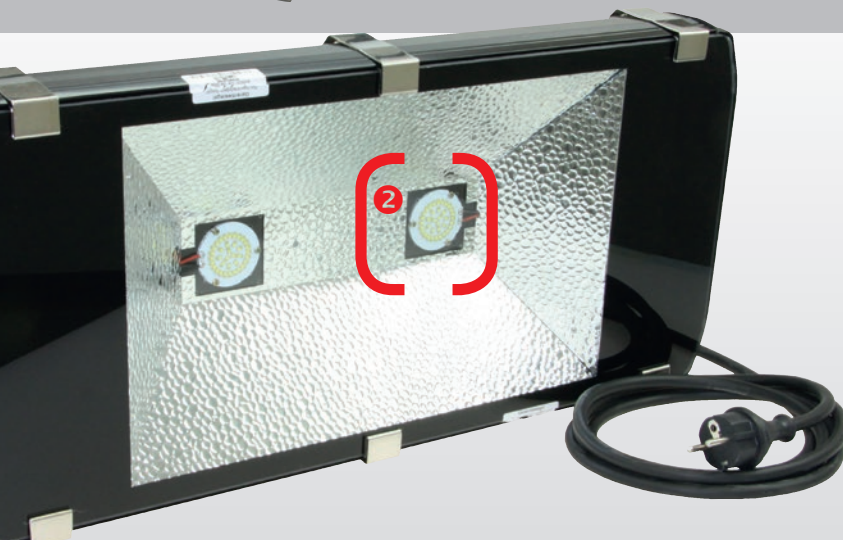
2 Tripod attachment (on request)

3 Philips Fortimo / Lumileds Rebel

4 LED ballast



## LED LAMP 33W TO 270W



- Operating voltage: 220-240V or 24-42V
- Light color: 5.500 Kelvin
- Luminous flux: 2.500 to 19.000lm
- LED lamp: **Philips-Lumileds Rebel**
- Viewing angle: 120°
- Glass: 5mm safety glass
- Degree of protection: IP65
- Protection class: I
- Temperature: -30°C to +60°C
- Color rendering: >80%, class 1b

**Note:** The technical data correspond to the present state, which are continuously improved by the rapid technological advancement.

## LED-spotlight FL100 30W

### Design:

Operating voltage	220-240V
Power system	33W
LED-module	30W
Luminous flux	2,000 lm
Luminous color	5,500 Kelvin
Average life	40,000 h
Dimensions (WxHxD)	225x185x130 mm
Weight	2,5 kg

**Material:** Aluminium housing with metal bracket, aluminium reflector and safety glass  
**Application:** Illumination of workplaces, boilers and tanks

Cat.No.	Description
44012085*	with cable 4m H07RN-F 3G1,5 and safety plug 2P+E 230V IP44 (dual earthing system)
44012085OZ*	without connection cable



## LED-spotlight FL100 50W

### Design:

Operating voltage	220-240V
Power system	55W
LED-module	50W
Luminous flux	3,000 lm
Luminous color	5,500 Kelvin
Average life	30,000 h
Dimensions (WxHxD)	295x245x160 mm
Weight	4,0 kg

**Material:** Aluminium housing with metal bracket, aluminium reflector and safety glass  
**Application:** Illumination of workplaces, boilers and tanks

Cat.No.	Description
44013085*	with cable 4m H07RN-F 3G1,5 and safety plug 2P+E 230V IP44 (dual earthing system)
44013085OZ*	without connection cable



## LED-spotlight FL100 70W

### Design:

Operating voltage	220-240V
Power system	75W
LED-module	70W
Luminous flux	5,000 lm
Luminous color	5,500 Kelvin
Average life	30,000 h
Dimensions (WxHxD)	410x290x120 mm
Weight	6,5 kg

**Material:** Aluminium housing with metal bracket, aluminium reflector and safety glass  
**Application:** Illumination of halls and industrial areas

Cat.No.	Description
44015085*	with cable 4m H07RN-F 3G1,5 and safety plug 2P+E 230V IP44 (dual earthing system)
44015085OZ*	without connection cable



## LED-spotlight FL200 90W

### Design:

Operating voltage	220-240V
Power system	100W
LED-module	90W
Luminous flux	8,000 lm
Luminous color	5,500 Kelvin
Average life	30,000 h
Dimensions (WxHxD)	393x285x93 mm
Weight	7,5 kg

**Material:** Aluminium housing with metal brackets, aluminium reflector and safety glass. Additional vent valve to prevent condensation.  
**Application:** Illumination of large areas and buildings to a height of about 3-5m

Cat.No.	Description
44027560*	with cable 10m H07RN-F 3G1,5 and safety plug 2P+E 230V IP44 (dual earthing system)



## LED-spotlight FL500 150W

### Design:

Operating voltage	220-240V
Power system	160W
LED-module	150W
Luminous flux	15,000 lm
Luminous color	5,500 Kelvin
Average life	30,000 h
Dimensions (WxHxD)	593x285x93 mm
Weight	12,0 kg

**Material:** Aluminium housing with metal brackets, aluminium reflector and safety glass. Additional vent valve to prevent condensation.  
**Application:** Illumination of large areas and buildings to a height of about 4-6m

Cat.No.	Description
44051560*	with cable 10m H07RN-F 3G1,5 and safety plug 2P+E 230V IP44 (dual earthing system)



## LED-spotlight FL510 250W

### Design:

Operating voltage	220-240V
Power system	270W
LED-module	250W
Luminous flux	19,000 lm
Luminous color	5,500 Kelvin
Average life	30,000 h
Dimensions (WxHxD)	560x400x180 mm
Weight	15,0 kg

**Material:** Aluminium housing with metal brackets, aluminium reflector and safety glass. Additional vent valve to prevent condensation.  
**Application:** Illumination of large areas and buildings to a height of about 5-10m

Cat.No.	Description
44051857120*	with cable 10m H07RN-F 3G1,5 and safety plug 2P+E 230V IP44 (dual earthing system)



\* Export sales (excluding Germany)





# Distribution boxes

## ■ ■ ■ DISTRIBUTION BOXES FOR WALL MOUNTING

- made of solid rubber Page **212**
- made of thermo-plastic - Series DELTA<sup>▲</sup> Page **224**



## ■ ■ ■ MOBILE DISTRIBUTION BOXES

- made of solid rubber Page **250**
- with electricity meters Page **262**
- with isolation transformer Page **263**
- special versions - examples Page **265**
- made of thermo-plastic Page **268**



## ■ ■ ■ DISTRIBUTION BOXES WITH SUSPENSION HOOK

made of thermo-plastic Page **282**

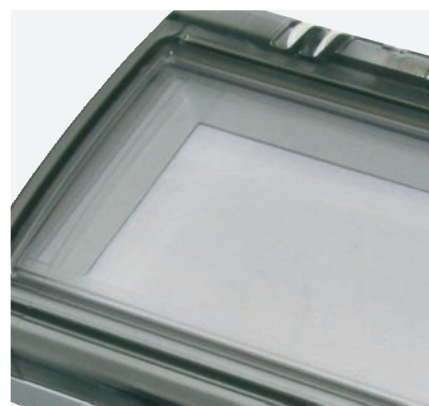


## ■ ■ ■ ENERGY PILLARS PILA Page **290**

## ■ ■ ■ MOSER SYSTEMELEKTRIK Page **294**

## ■ ■ ■ ACCESSORIES Page **300**

## ■ ■ ■ PRODUCED TO CUSTOMERS REQUEST





## Product Information

PCE supply a variety of high-grade, solid rubber and plastic distributors meeting all specifications and needs in the industrial 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 manufacture 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

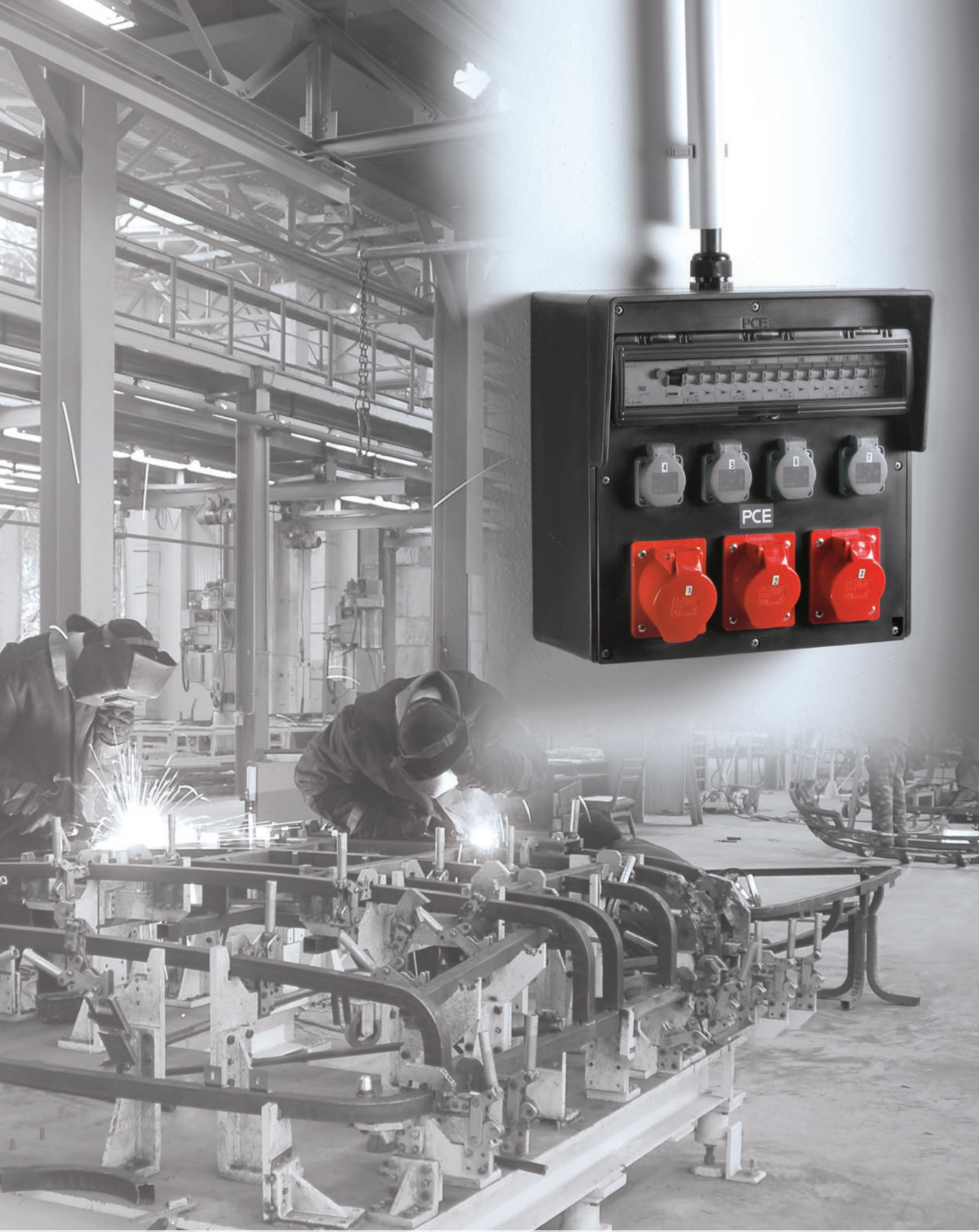
1. You select a housing.
2. You determine the make-up.
3. If necessary, you specify your particular needs where they deviate from the standard.
4. We draw up the technical solution and submit an offer forthwith.
5. Upon an order being placed, we manufacture the types required in line with the regulations applicable to the particular field of use and within the scope of our certified quality management system.
6. Final inspection of all devices for mechanical and electrical safety in accordance with currently valid regulations and documentation based on ISO 9001:2000 is our standard.
7. The fact that we are at your disposal for after-sales service and the provision of extensions etc. is a matter of course.

### PROTECTION DEGREE

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

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





**DISTRIBUTION BOXES – WALL MOUNTING**  
made of solid rubber or thermoplastic

Solid rubber distribution boxes – wall mounting

**Information**

Page **215**

**Zirl**

Dimensions: HxWxD = 527x400x270mm

Page **216**



**Bruck**

Dimensions: HxWxD = 370x370x153mm

Page **217**



**Salzburg**

Dimensions: HxWxD = 370x298x153mm

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**Bregenz**

Dimensions: HxWxD = 370x298x153mm

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**Furt**

Dimensions: HxW = 350x210mm

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**Grein**

Dimensions: HxW = 350x210mm

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**Traunsee**

Dimensions: HxWxD = 260x165x90mm

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**Freistadt**

Dimensions: HxWxD = 129x129x83mm

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## Solid rubber distribution boxes – wall mounting – Information



# Solid rubber distribution boxes – wall mounting – Information

## SOLID RUBBER HOUSINGS

Our solid rubber distributor housings are made from a mixture of natural rubber, styrene and butadiene (NK/SBR). The raw material is processed – in slab form – at pressures of up to 400 t and at a temperature of 180°C. This triggers a vulcanization process which lends the distributor its final form without affecting its consistency.

## FEATURES

- unbreakable, halogen-free and aging-resistant solid rubber housing
- resistant to a diversity of oils, greases, gasoline and acids
- high mechanical strength, aging and corrosion resistant
- UV and ozone resistant
- insensitive to fountains of welding sparks and similar
- temperature resistant -30°C to + 80°C
- not flammable according to EN 60695-11-5

## TYPE OF PROTECTION

Empty housings to IP54 (IP67 on request), in line with the lowest type of protection on the extension sockets.

## STANDARD DESIGN

- TOP assembly – all fastening elements and sockets in the cover.  
Easy preliminary fitting of the empty lower section to the wall
- Protective isolation through 4-point attachment to the wall outside the wiring compartment – partitioned.
- All exposed metal parts of stainless steel. Captive screws
- Safety device material under impact resistant, opening hinged window (opening angle > 180°)
- Numbered electrical circuits and extension sockets – fast, clear identification
- Distributors wired to terminals (individual connection)
- Cable gland standard: screw connection IP68 top
- CEE sockets i.e. protective contact sockets made of PA6 with nickel plated exchangeable contacts
- MCBs „C“ characteristics
- RCDs 30mA, over all outlets

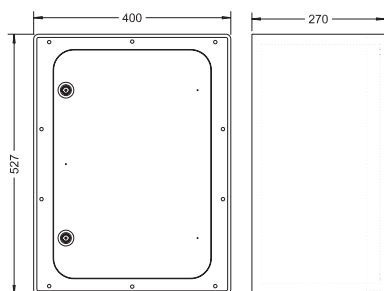




## Solid-rubber distribution boxes – wall mounting Series ZIRL



- solid-rubber enclosure
- with door frame including foamed PU gasket and optional transparent door leaf
- **dimensions: HxWxD = 527x400x270 mm**
- 2x catch standard double-bit lock or with customer specific lock model
- no protective roof
- IP54 splashproof (IP67 on request)



### Standard version:

- protective insulation via 4-way wall fastening outside of wiring space
- all outer metal parts rustproof (stainless steel), captive screws
- ready wired for connection
- cable gland IP68 on the bottom
- CEE-socket resp. socket (DIN 49440) made of PA6 with nickel-plated contacts, independently exchangeable

## Solid-rubber distribution box – wall mounting Series ZIRL

with transparent thermoplastic swing doors, mounted on 2 anchor rails each 470mm



1 CEE-socket 63A 5p 400V

1xNH00 63A 3p

2xM40 cable gland from bottom

1xNH00 63A 3p for external outlets

**9545001**

## Solid-rubber distribution box – wall mounting Series ZIRL

with closed thermoplastic lid, with 2 mounted windows (18 modules)



(Symbol picture)

1xCEE-socket 63A 5p 400V  
1xCEE-sockets 32A 5p 400V  
1xCEE-socket 16A 5p 400V  
3 sockets (DIN 49440) 16A 250V

1 MCB 63A 3p-C  
1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
3 MCBs 16A 1p-C  
1 RCD 63A/4/0,3A over 63A outlet  
1 RCD 63A/4/0,03A over 16A and 32A outlets

1xM40 cable gland from bottom

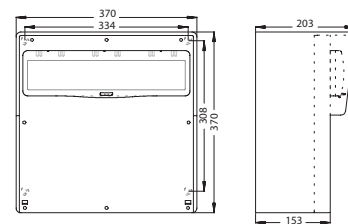
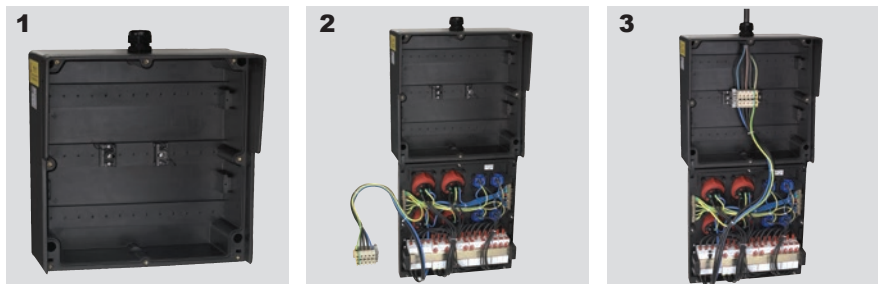
**9545009**

## Solid-rubber distribution boxes – wall mounting Series BRUCK

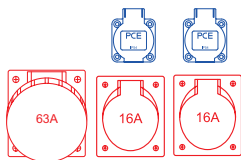
- solid-rubber enclosure, with protective roof
- **dimensions: HxWxD = 370x370x203 mm**
- bottom of box and cover connected with joint
- window for up to max. 18 modules
- ready wired for connection
- IP54 splashproof (IP67 on request)
- **general information see page 215!**



### Fast installation by TOP-mounting system!



- Step 1:** Wall mounting of the bottom part  
**Step 2:** Connect the ready wired lid by hinges in the bottom part.  
**Step 3:** Fix the main terminal with the pre-mounted holder in the bottom part and connect the cable.  
**Step 4:** Mount the cover with 6 screws.

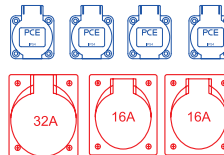


- 1 CEE-socket 63A 5p 400V
- 2 CEE-sockets 16A 5p 400V
- 2 sockets (DIN 49440) 16A 250V

- 1 MCB 63A 3p-C
- 2 MCBs 16A 3p-C
- 2 MCBs 16A 1p-B
- 1 RCD 63/4/0,03A

- 1xM40 cable gland on top
- 1xM40 cable gland from bottom

**9240730**

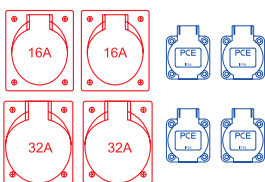


- 1 CEE-socket 32A 5p 400V
- 2 CEE-sockets 16A 5p 400V
- 4 sockets (DIN 49440) 16A 250V

- 1 MCB 32A 3p-C
- 2 MCBs 16A 3p-C
- 4 MCBs 16A 1p-B
- 1 RCD 63/4/0,03A

- 1xM32 cable gland on top
- 1xM32 cable gland from bottom

**9240539**

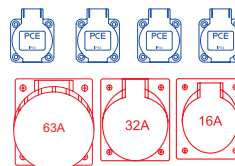


- 2 CEE-sockets 32A 5p 400V
- 2 CEE-sockets 16A 5p 400V
- 4 sockets (DIN 49440) 16A 250V

- 2 MCB 32A 3p-C
- 1 MCB 16A 3p-C
- 4 MCBs 16A 1p-B
- 1 RCD 63/4/0,03A

- 1xM32 cable gland on top
- 1xM32 cable gland from bottom

**9240544**

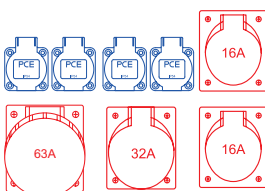


- 1 CEE-socket 63A 5p 400V
- 1 CEE-socket 32A 5p 400V
- 1 CEE-socket 16A 5p 400V
- 4 sockets (DIN 49440) 16A 250V

- 1 MCB 63A 3p-C
- 1 MCB 32A 3p-C
- 1 MCB 16A 3p-C
- 4 MCBs 16A 1p-B
- 1 RCD 63/4/0,03A

- 1xM40 cable gland on top
- 1xM40 cable gland from bottom

**9240722**



- 1 CEE-socket 63A 5p 400V
- 1 CEE-socket 32A 5p 400V
- 2 CEE-sockets 16A 5p 400V
- 4 sockets (DIN 49440) 16A 250V

- 1 MCB 63A 3p-C
- 1 MCB 32A 3p-C
- 1 MCB 16A 3p-C
- 2 MCBs 16A 1p-B
- 1 RCD 63/4/0,03A

- 1xM40 cable gland on top
- 1xM40 cable gland from bottom

**9240776**



# Solid-rubber distribution boxes – wall mounting

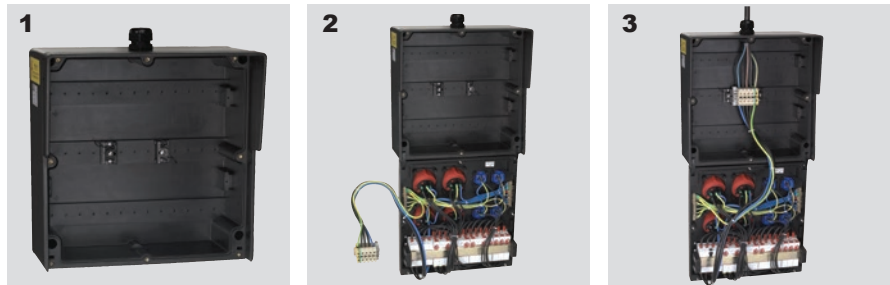
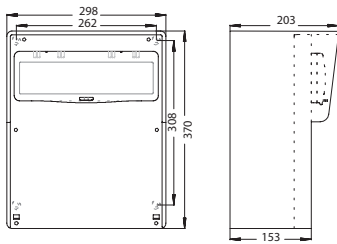
## Series SALZBURG



- solid rubber enclosure, with protective roof
- **dimensions: HxWxD = 370x298x203 mm**
- bottom of box and cover connected with joint
- window for up to max. 14 modules
- ready wired for connection
- IP54 splashproof (IP67 on request)
- **general information see page 215!**

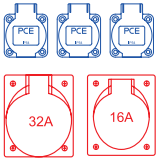


### Fast installation by TOP-mounting system!



- Step 1:** Wall mounting of the bottom part  
**Step 2:** Connect the ready wired lid by hinges in the bottom part.  
**Step 3:** Fix the main terminal with the pre-mounted holder in the bottom part and connect the cable.  
**Step 4:** Mount the cover with 6 screws.

- 1 CEE-socket 32A 5p 400V
- 1 CEE-socket 16A 5p 400V
- 3 sockets (DIN 49440) 16A 250V

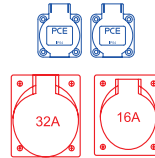


- 1 MCB 32A 3p-C
- 1 MCB 16A 3p-C
- 3 MCBs 16A 1p-B
- 1 RCD 63/4/0,03A

- 1xM32 cable gland on top
- 1xM32 cable gland from bottom

**9227520**

- 1 CEE-socket 32A 5p 400V
- 1 CEE-socket 16A 5p 400V
- 2 sockets (DIN 49440) 16A 250V

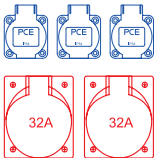


- 1 Neozed D02 3p
- 1 Neozed D01 3p
- 2 Neozed D01 1p

- 1xM32 cable gland on top
- 1xM32 cable gland from bottom

**9227509**

- 2 CEE-sockets 32A 5p 400V
- 3 sockets (DIN 49440) 16A 250V

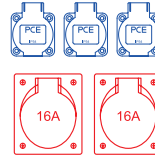


- 2 MCBs 32A 3p-C
- 3 MCBs 16A 1p-B
- 1 RCD 63/4/0,03A

- 1xM32 cable gland on top
- 1xM32 cable gland from bottom

**9227354**

- 2 CEE-sockets 16A 5p 400V
- 3 sockets (DIN 49440) 16A 250V

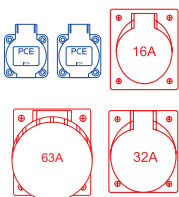


- 2 MCBs 16A 3p-C
- 3 MCBs 16A 1p-B
- 1 RCD 40/4/0,03A

- 1xM32 cable gland on top
- 1xM32 cable gland from bottom

**9227142**

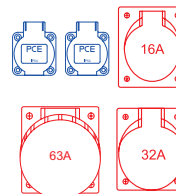
- 1 CEE-socket 63A 5p 400V
- 1 CEE-socket 32A 5p 400V
- 1 CEE-socket 16A 5p 400V
- 2 sockets (DIN 49440) 16A 250V



- 1 MCB 63A 3p-C
- 1 MCB 32A 3p-C
- 1 MCB 16A 3p-C
- 2 MCBs 16A 1p-C

- 1xM40 cable gland on top
- 1xM40 cable gland from bottom

**9227751**



- 1 CEE-socket 63A 5p 400V
- 1 CEE-socket 32A 5p 400V
- 1 CEE-socket 16A 5p 400V
- 2 sockets (DIN 49440) 16A 250V

- 1 MCB 32A 3p-C
- 1 MCB 16A 3p-C
- 2 MCBs 16A 1p-B
- 1 RCD 63/4/0,03A

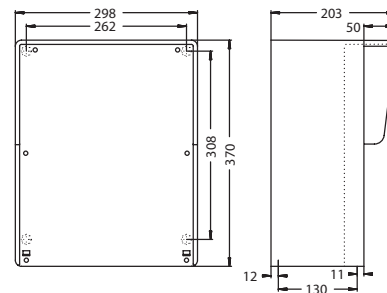
- 1xM40 cable gland on top
- 1xM40 cable gland from bottom

**9227746**

Special designs - available on request!

## Solid-rubber distribution boxes – wall mounting Series BREGENZ

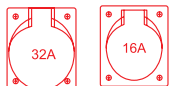
- solid rubber enclosure, with protective roof
- **dimensions:** HxWxD = 370x298x203 mm
- bottom of box and cover connected with joint
- ready wired for connection
- IP54 splashproof (IP67 on request)
- **general information see page 215!**



1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
6 sockets (DIN 49440) 16A 250V



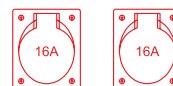
3xM25 cable glands on top  
3xM25 cable glands from bottom



**9228061**



1 CEE-socket 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440) 16A 250V



3xM25 cable glands on top  
3xM25 cable glands from bottom



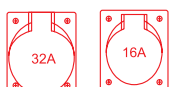
**9228091**



1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
8 sockets (DIN 49440) 16A 250V



3xM25 cable glands on top  
3xM25 cable glands from bottom



**9228103**



1 CEE-socket 63A 5p 400V  
2 CEE-sockets 16A 5p 400V  
2 sockets (DIN 49440) 16A 250V



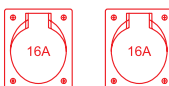
1xM32 + 2xM25 cable glands on top  
1xM32 + 2xM25 cable glands from bottom



**9228096**



1 CEE-socket 63A 5p 400V  
2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440) 16A 250V



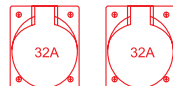
1xM32 + 2xM25 cable glands on top  
1xM32 + 2xM25 cable glands from bottom



**9228086**



1 CEE-socket 63A 5p 400V  
2 CEE-sockets 32A 5p 400V  
4 sockets (DIN 49440) 16A 250V



1xM32 + 2xM25 cable glands on top  
1xM32 + 2xM25 cable glands from bottom



**9228076**

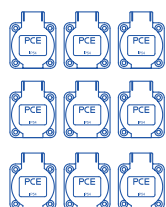
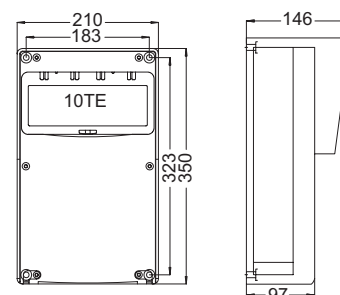


# Solid-rubber distribution boxes – wall mounting

## Series FURT



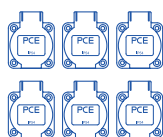
- solid rubber enclosure, with protective roof (special design: without protective roof)
- **dimensions: HxW = 350x210 mm**
- windows for 10 modules
- ready wired for connection
- IP54 splashproof (IP67 on request)
- **general information see page 215!**



9 sockets (DIN 49440)  
16A 250V

1xM20 on top

**9217005**

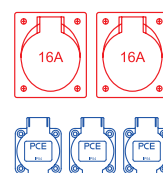


6 sockets (DIN 49440)  
16A 250V

6 MCBs 16A 1p-C  
1 RCD 63/4/0,03A

1xM25 from bottom

**9217019**

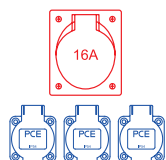


2 CEE-sockets 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

2 MCBs 16A 3p-C  
3 MCBs 16A 1p-C

1xM25 from bottom

**9217035**

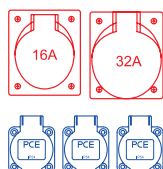


1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
3 MCBs 16A 1p-B  
1 RCD 40/4/0,03A

1xM25 from bottom

**9217102**

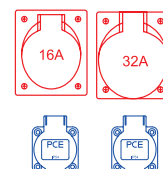


1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
3 MCBs 16A 1p-C

1xM25 from bottom

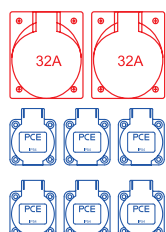
**9217055**



1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

2xM20 on top  
1xM25 on top

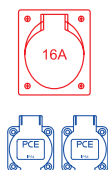
**9217090**



2 CEE-sockets 32A 5p 400V  
6 sockets (DIN 49440)  
16A 250V

1xM20 on top  
1xM25 on top

**9217100**

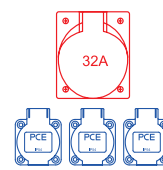


1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
2 MCBs 16A 1p-C  
1 RCD 63/4/0,03A

1xM25 from bottom

**9217144**



1 CEE-socket 32A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
3 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

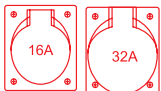
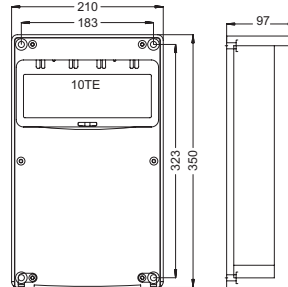
1xM32 from bottom

**9217001**



## Solid-rubber distribution boxes – wall mounting Series GREIN

- solid rubber enclosure
- **dimensions: HxW = 350x210 mm**
- ready wired for connection
- IP54 splashproof (IP67 on request)
- **general information see page 215!**

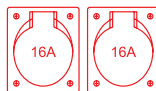


1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

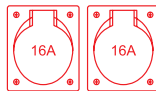


2xM20 on top  
1xM25 on top

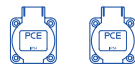
**9218090**



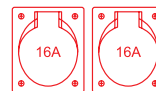
4 CEE-sockets 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V



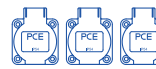
2xM25 on top  
1xM20 on top



**9218145**



2 CEE-sockets 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V



1 MCB 16A 3p-C  
3 MCBs 16A 1p-C  
1 RCD 63/4/0,03-4p

1xM40 from bottom

**9218654**



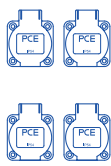
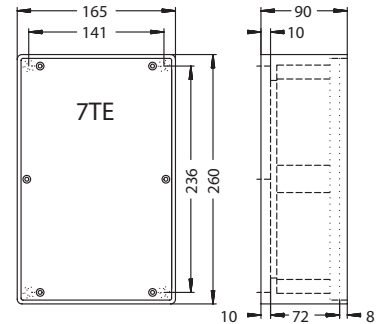
# Solid-rubber distribution boxes – wall mounting

## Series TRAUNSEE



### without fuse

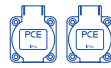
- solid-rubber enclosure
- **dimensions: HxWxD = 260x165x90mm**
- protective insulation via 4-way wall fastening outside of wiring space
- ready wired for connection
- IP54 splashproof (IP67 on request)
- **general information see page 215!**



4 sockets (DIN 49440) 16A 250V

1xM20 cable gland on top  
1xM20 cable gland from bottom

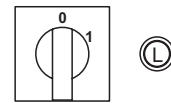
**9216027**



1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440) 16A 250V

1xM20 cable gland on top

**9216237**



1 ON / OFF cam switch 20A 3p  
1 light signal

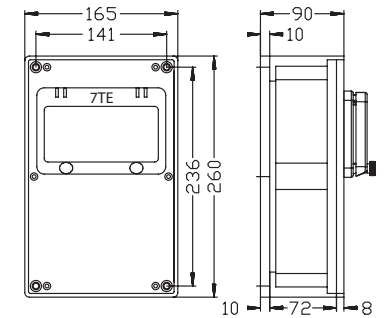
2xM20 cable glands on top

**9216233**



### with fuse

- solid-rubber enclosure
- **dimensions: HxWxD = 260x165x90mm**
- protective insulation via 4-way wall fastening outside of wiring space
- ready wired for connection
- IP54 splashproof (IP67 on request)
- **general information see page 189!**



3 sockets (DIN 49440) 16A 250V

3 MCB 16A 1p-C  
1 RCD 40/4/0,03A

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9216140**



1 CEE-socket 16A 5p 400V  
1 socket (DIN 49440) 16A 250V

1 MCB 16A 3p-C  
1 MCB 16A 1p-C  
1 RCD-therm.40/4/0,03A

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9216276**



1 CEE-socket 32A 5p 400V  
1 socket (DIN 49440) 16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 1p-C  
1 RCD-therm.40/4/0,03A

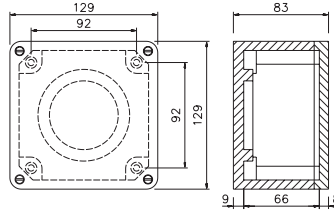
1xM32 cable gland on top  
1xM32 cable gland from bottom

**9216376**

Special designs - available on request!

## Solid-rubber distribution boxes – wall mounting Series FREISTADT

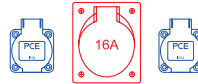
- solid-rubber enclosure
- **dimensions: HxWxD = 129x129x83 mm**
- 4-way wall fastening
- ready wired for connection
- IP54 splashproof
- **general information see page 215!**



2 sockets (DIN 49440) 16A 250V

1xM20 cable gland on top

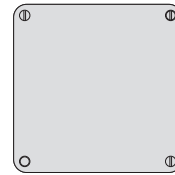
**9848030**



1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440) 16A 250V - lateral

1xM20 cable gland on top

**9848050**



empty enclosure

**9848999**



# Thermoplastic distribution boxes DELTA<sup>^</sup> – wall mounting

## Sölden

Dimensions: HxWxD = 520x297x165mm

Page **230**



## Strobl7

Dimensions: HxWxD = 520x222x140mm

Page **232**



## Kals

Dimensions: HxWxD = 320x222x140mm

Page **235**



## Anif4

Dimensions: HxWxD = 320x222x114mm

Page **236**



## Anif7

Dimensions: HxWxD = 320x222x140mm

Page **238**



## Murau und Schwaz

Dimensions: HxWxD = 255x204x114mm

Page **241**



## Lofer4

Dimensions: HxWxD = 255x204x114mm

Page **243**



## Lofer7

Dimensions: HxWxD = 255x204x114mm

Page **245**



## Lech

Dimensions: HxWxD = 230x130x130mm

Page **247**



# DELTA<sup>^</sup> Information

Distribution boxes are suitable for **in- and outdoor areas**. The boxes are available in **different sizes and designs**.

**Protection degree:** IP54 and IP66/67

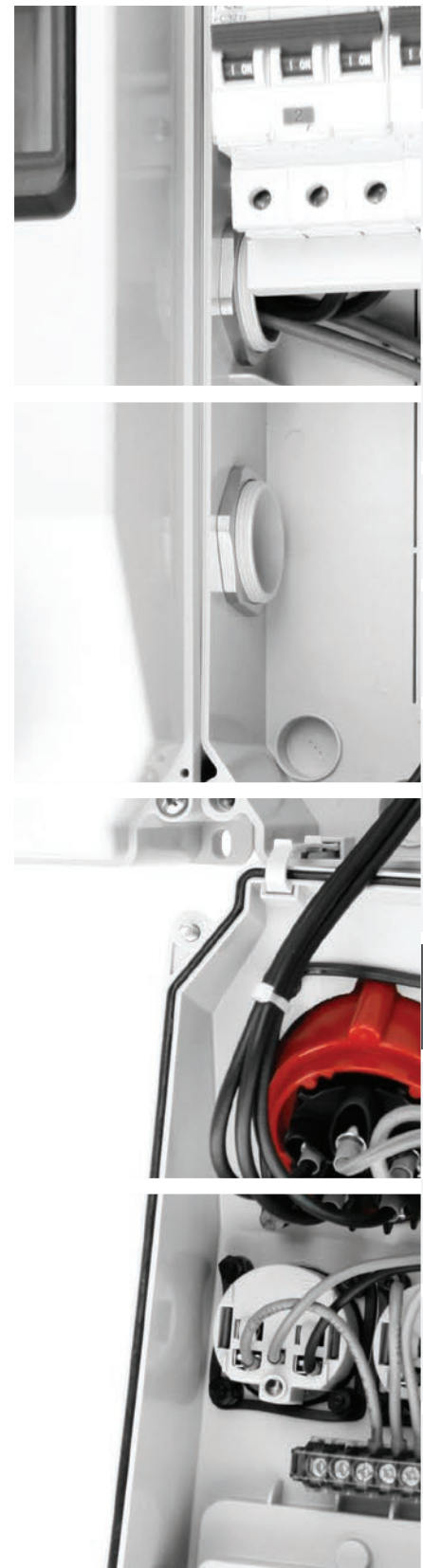
The massive and high-quality **enclosure made from PC/ABS** tested and certified according to IEC/EN 62208\* provides a wide range of **positive features**. Such as high impact resistance and notched bar impact strength, high thermal stability, dielectric strength, weather, UV and wear resistance, good insulation properties, and resistance against many chemicals. 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**.

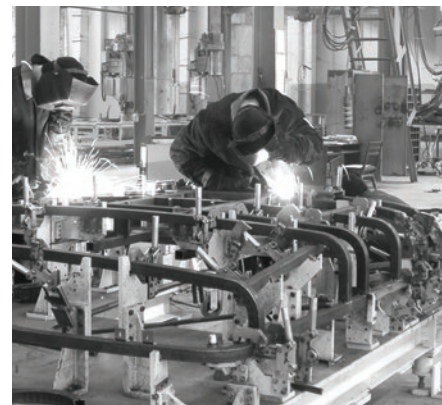
\*) IEC/EN 62208 „Empty enclosures for low-voltage switchgear and controlgear assemblies“ for use in switchgear and controlgear assemblies according to standards of the series EN 60439, EN 61439 with a max. rated voltage of 1000V AC, at max. frequencies of 1000Hz or 1500V DC, for general use indoors or for outdoor installation.



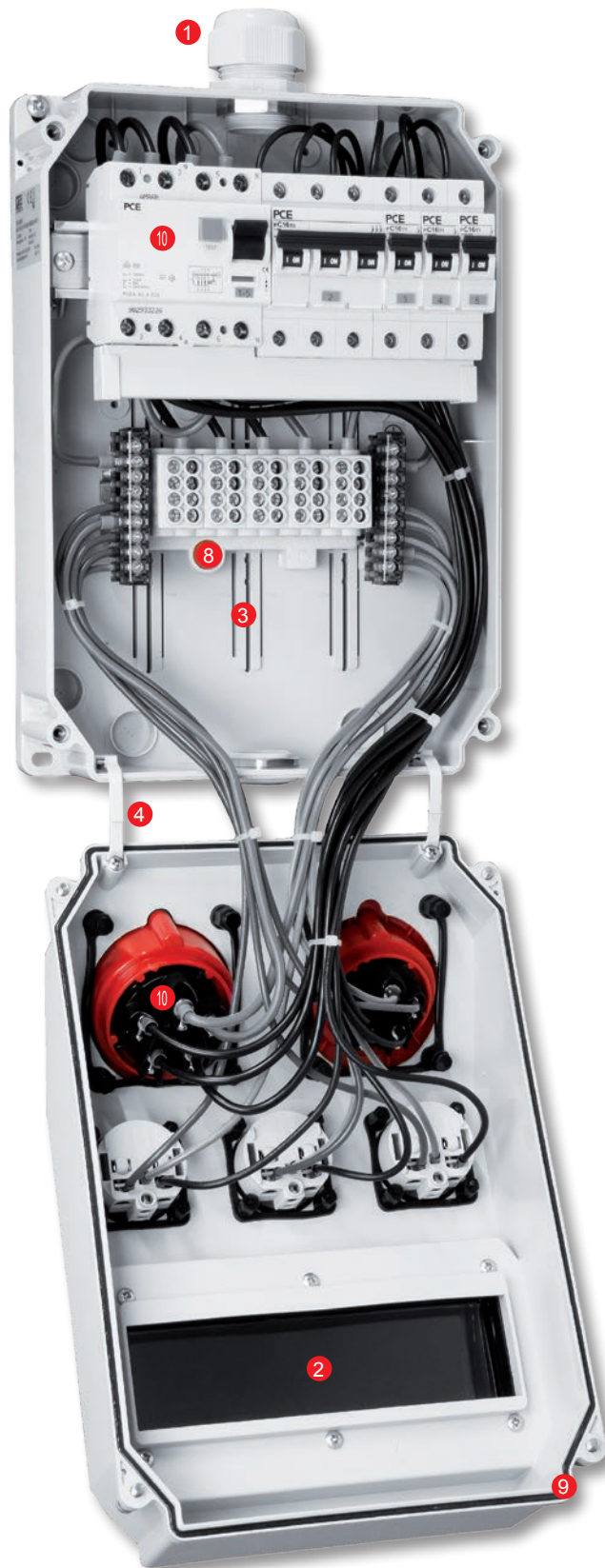


## DELTA<sup>^</sup> size overview



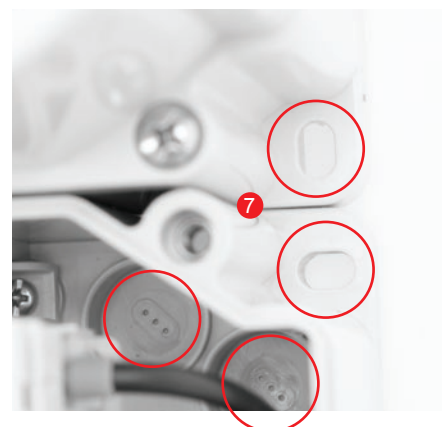


# DELTA<sup>^</sup> detail





- 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, plug devices, such as CEE sockets 16A 3p to 125A 5p and schuko 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

Housing	Dimensions HxWxD	Characteristics
<b>Sölden</b>	<b>520x297x165mm</b>	straight and sloping cover, without window, 1 window 14 modules (IP54), 1 window 13 modules (IP66/67), 2 windows 14 modules (IP54) or 2 windows 13 modules (IP66/67)

General information see page 225 + 229!

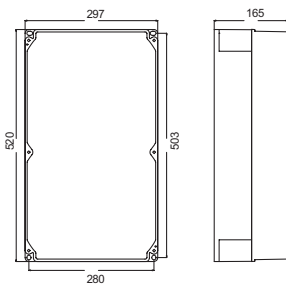


housing protection IP54  
(optional IP66/67)

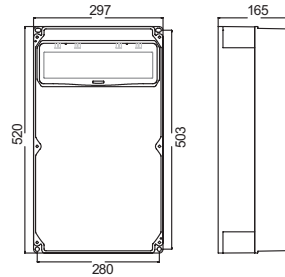
sloping cover version

2x14 modules under clear window IP54  
(optional 2x13 modules IP66/67)

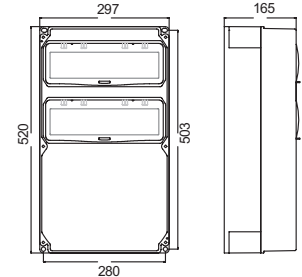
Sölden straight 0 modules



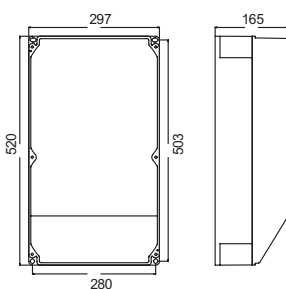
Sölden straight 14 modules



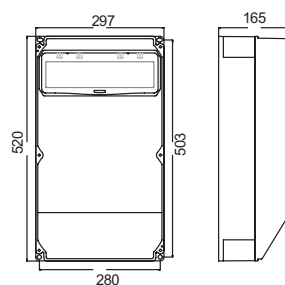
Sölden straight 28 modules



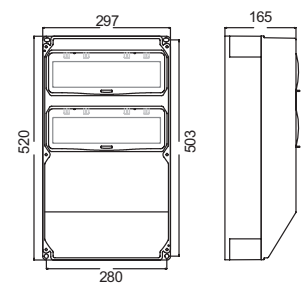
Sölden sloping 0 modules



Sölden sloping 14 modules



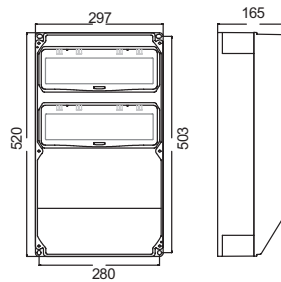
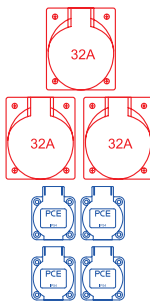
Sölden sloping 28 modules





## Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series SÖLDEN

- compact design
- material PC/ABS
- **dimensions: HxWxD = 520x297x165mm**
- 2x14 modules under window
- ready wired for connection on terminals
- IP54 splashproof, IP66/67 on request

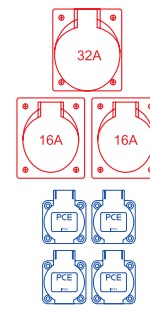



3 CEE-socket 32A 5p 400V  
4 Sockets (DIN 49440)  
16A 250V

3 MCBs 32A 3p-C  
4 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9028312**

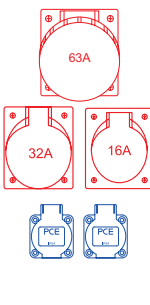


1 CEE-socket 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
4 Sockets (DIN 49440)  
16A 250V

1 Neozed D02 3p  
2 Neozed D01 3p  
4 Neozed D01 1p  
1 RCD 63/4/0,03A

1xM40 cable gland on top  
1xM40 cable gland from bottom

**9028662**

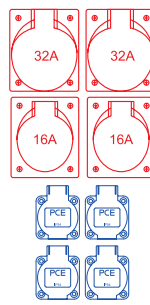


1 CEE-socket 63A 5p 400V  
1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
2 Sockets (DIN 49440)  
16A 250V

2 Neozed D02 3p  
1 Neozed D01 3p  
2 Neozed D01 1p  
1 RCD 63/4/0,03A

1xM40 cable gland on top  
1xM40 cable gland from bottom

**9028754**

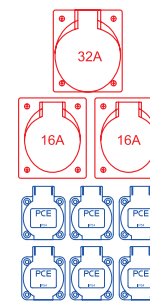


2 CEE-sockets 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
4 Sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
4 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9029541**

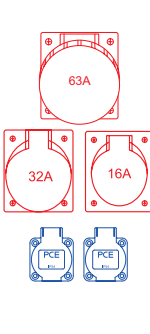


1 CEE-socket 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
6 Sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
2 MCBs 16A 3p-C  
3 MCBs 16A 1p-C  
1 RCD 63/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9028738**

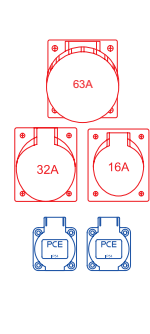


1 CEE-socket 63A 5p 400V  
1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
2 Sockets (DIN 49440)  
16A 250V

1 Neozed D02 3p  
1 Neozed D01 3p  
2 Neozed D01 1p  
1 RCD 63/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9028514**

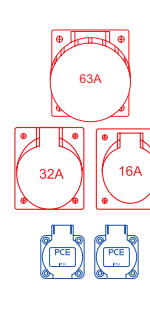


1 CEE-socket 63A 5p 400V  
1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
2 Sockets (DIN 49440)  
16A 250V

1 MCB 63A 3p-C  
1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

1xM40 cable gland on top  
1xM40 cable gland from bottom

**9028753**

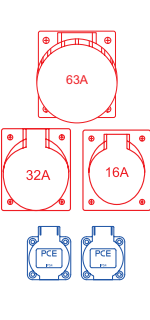


1 CEE-socket 63A 5p 400V  
1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
2 Sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

1xM40 cable gland on top  
1xM40 cable gland from bottom

**9029572**



1 CEE-socket 63A 5p 400V  
1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
2 Sockets (DIN 49440)  
16A 250V

1 Neozed D02 3p  
1 Neozed D01 3p  
2 Neozed D01 1p

1xM40 cable gland on top  
1xM40 cable gland from bottom

**9029755**

# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup>

## Series STROBL7

Housing	Dimensions HxWxD	Characteristics
<b>Strobl7</b>	<b>520x222x140mm</b>	straight and sloping cover, without window, 1 window 10 modules, 2 windows 10 modules
<b>Strobl</b>	<b>520x222x140mm</b>	sloping cover, 2 windows 10 modules

General information see page 225 + 229!



straight cover version

housing protection IP54  
(optional IP66/67)

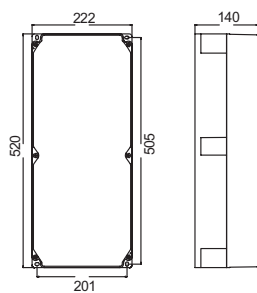


sloping cover version

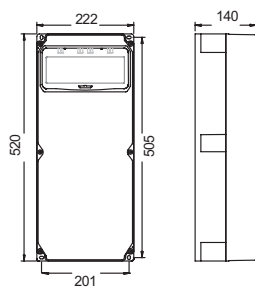
10 modules under clear  
window IP54 (optional IP66/67)

housing protection IP54  
(optional IP66/67)

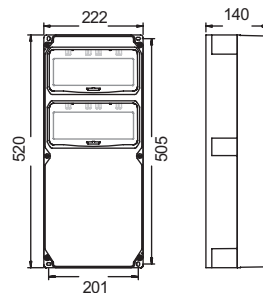
Strobl7 straight 0 modules



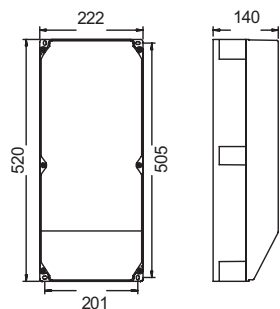
Strobl7 straight 10 modules



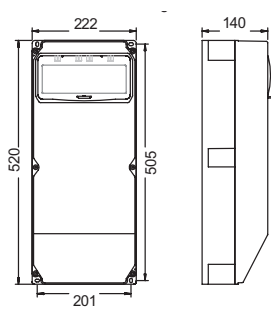
Strobl7 straight 20 modules



Strobl7 sloping 0 modules



Strobl7 sloping 10 modules



# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series STROBL

Housing	Dimensions HxWxD	Characteristics
<b>Strobl7</b>	<b>520x222x140mm</b>	straight and sloping cover, without window, 1 window 10 modules, 2 windows 10 modules
<b>Strobl</b>	<b>520x222x140mm</b>	sloping cover, 2 windows 10 modules

General information see page 225 + 229!

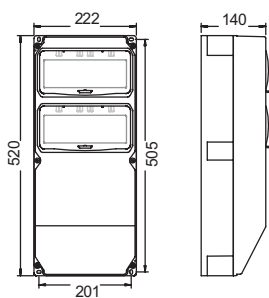


sloping cover version

10 modules under two clear window IP54  
(optional IP66/67)

housing protection IP54  
(optional IP66/67)

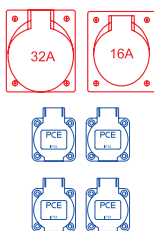
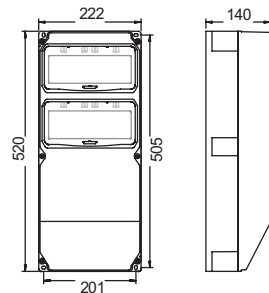
Strobl 20 modules



# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series STROBL



- compact design
- **dimensions: HxWxD = 520x222x140mm**
- 2x10 modules under clear window
- ready wired for connection on terminals
- IP54 splashproof, IP66/67 on request
- for mounting in factories

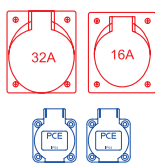


1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
4 MCBs 16A 1p-C  
1 RCD 63/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9025521**

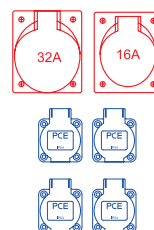


1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9025512**

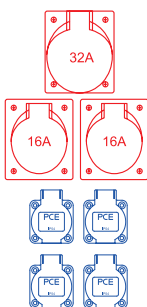


1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

1xM40 cable gland on top  
1xM40 cable gland from bottom

**9025034**

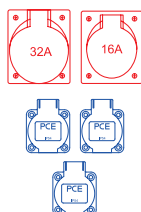


1 CEE-socket 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
2 MCBs 16A 3p-C  
4 MCBs 16A 1p-B

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9025571**

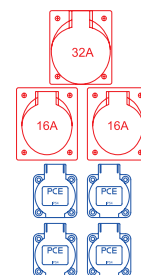


1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

1 Neozed D01 3p  
3 Neozed D01 1p  
1 RCD 63/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9025540**

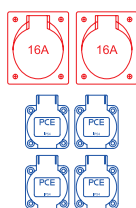


1 CEE-socket 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

2 Neozed D01 3p  
2 Neozed D01 1p

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9025036**

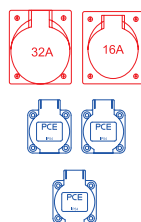


2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

2 MCBs 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 40/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9025162**

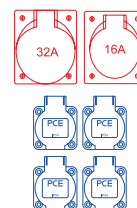


1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

1 Neozed D02 3p  
1 Neozed D01 3p  
3 Neozed D01 1p

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9025515**

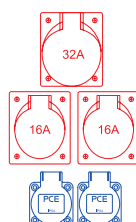


1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

1 Neozed D02 3p  
1 Neozed D01 3p  
2 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9025656**

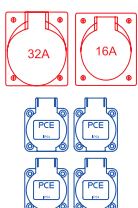


1 CEE-socket 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
2 MCBs 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9025612**



1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
4 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9025652**

Special designs - available on request!

# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series KALS

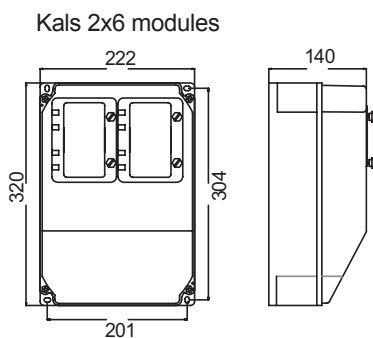
Housing	Dimensions HxWxD	Characteristics
<b>Kals</b>	<b>320x222x140mm</b>	sloping cover, 2 windows 6 modules
<b>Anif4</b>	<b>320x222x114mm</b>	straight, without window, 1 window 10 modules oder 2 windows 10 modules
<b>Anif7</b>	<b>320x222x140mm</b>	straight or sloping cover, without window, 1 window 10 modules or 2 windows 10 modules

General information see page 225 + 229!



sloping cover version, two windows vertical  
2x6 modules under clear window IP66/67  
housing protection IP66/67

**INFO: Only suitable for  
Neozed fuse elements!**





# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup>

## Series ANIF4

Housing	Dimensions HxWxD	Characteristics
<b>Kals</b>	<b>320x222x140mm</b>	sloping cover, 2 windows 6 modules
<b>Anif4</b>	<b>320x222x114mm</b>	straight, without window, 1 window 10 modules oder 2 windows 10 modules
<b>Anif7</b>	<b>320x222x140mm</b>	straight or sloping cover, without window, 1 window 10 modules or 2 windows 10 modules

General information see page 225 + 229!



straight cover version

10 modules under clear window IP54  
(optinal IP66/67)

housing protection IP54  
(optional IP66/67)

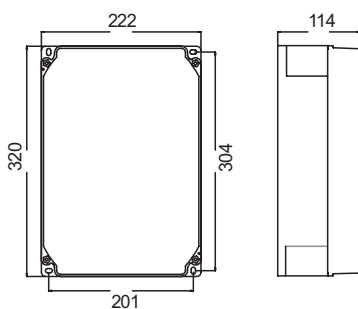


straight cover version, two windows

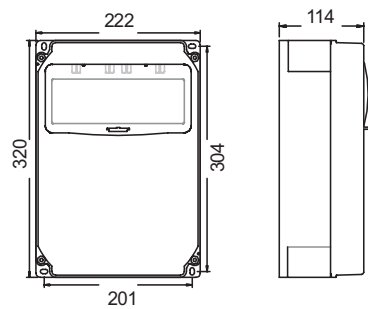
10 modules under clear window IP54  
(optinal IP66/67)

housing protection IP54  
(optional IP66/67)

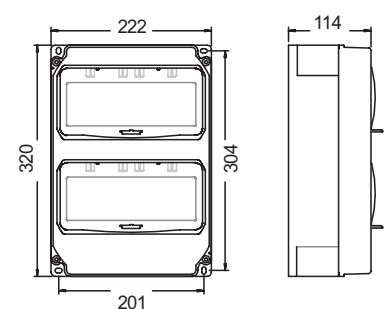
Anif4 0 modules



Anif4 10 modules

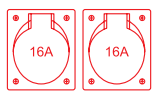
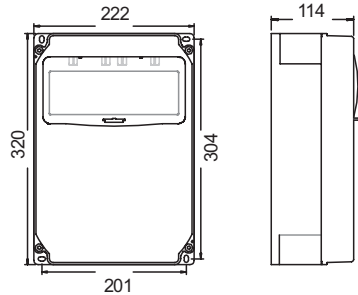


Anif4 2x10 modules



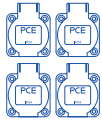
## Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series ANIF4

- compact design
- material PC/ABS
- **dimensions: HxWxD = 320x222x114mm**
- 10 modules under clear window
- ready wired for connection on terminals
- IP54 splashproof, IP66/67 on request



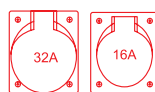
2 CEE-sockets 16A 5p 400V  
4 Sockets (DIN 49440)  
16A 250V

2 MCBs 16A 3p-C  
4 MCBs 16A 1p-B



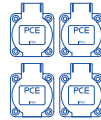
1xM25 cable gland on top  
1xM25 cable gland from bottom

**9134029**



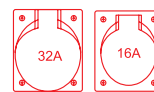
1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
4 Sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
4 MCBs 16A 1p-B



1xM25 cable gland on top  
1xM25 cable gland from bottom

**9134505**



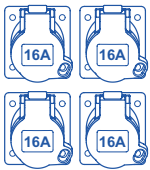
1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
4 Sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 40/4/0,03A



1xM25 cable gland on top  
1xM25 cable gland from bottom

**9134520**



4 CEE-sockets 16A 3p 230V lockable\*

4 RCBO 16A 1+N 0,03A C

1xM25 cable gland from bottom

**9134194**



\* Lockable 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,...



Special designs - available on request!

# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup>

## Series ANIF7

Housing	Dimensions HxWxD	Characteristics
<b>Kals</b>	<b>320x222x140mm</b>	sloping cover, 2 windows 6 modules
<b>Anif4</b>	<b>320x222x114mm</b>	straight, without window, 1 window 10 modules oder 2 windows 10 modules
<b>Anif7</b>	<b>320x222x140mm</b>	straight or sloping cover, without window, 1 window 10 modules or 2 windows 10 modules

General information see page 225 + 229!

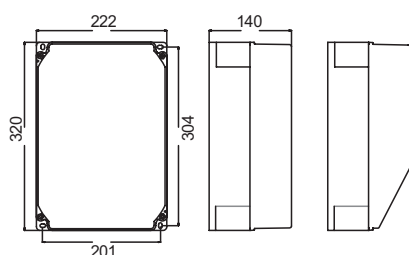


straight cover version, one window  
 10 modules under clear window IP54  
 (optinal IP66/67)  
 housing protection IP54  
 (optional IP66/67)

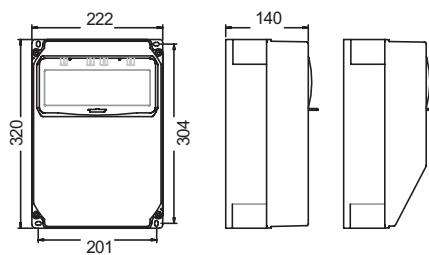


straight cover version, two windows  
 10 modules under clear window IP54  
 (optinal IP66/67)  
 housing protection IP54  
 (optional IP66/67)

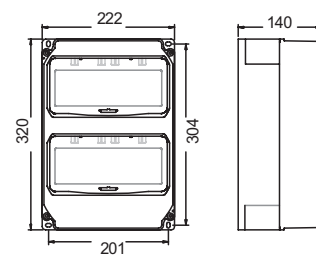
Anif7 0 modules



Anif7 10 modules

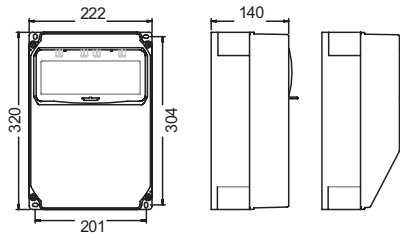
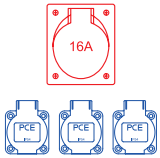


Anif7 2x10 modules



## Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series ANIF7

- compact design
- **dimensions: HxWxD = 320x222x140mm**
- 10 modules under window
- ready wired for connection on terminals
- IP54 splashproof, IP66/67 on request
- for installation in factory halls, ...

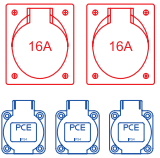



1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
3 MCBs 16A 1p-C  
1 RCD 40/4/0,03A

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9135110**

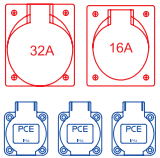


2 CEE-sockets 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

2 MCBs 16A 3p-C  
3 MCBs 16A 1p-C

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9135151**

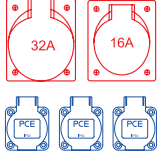


1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
3 MCBs 16A 1p-C

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9135551**

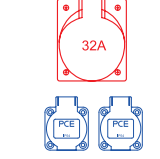


1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
3 MCBs 16A 1p-C  
1 RCD 40/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9135510**

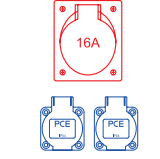


1 CEE-socket 32A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 Neozed D02 3p  
2 Neozed D01 1p

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9135321**

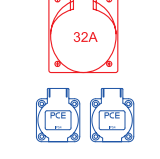


1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
1 MCB 16A 1p-B  
1 RCD 40/4/0,03A

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9135114**

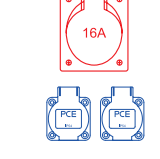


1 CEE-socket 32A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 1p-B  
1 RCD 40/4/0,03A

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9135314**

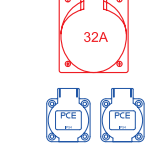


1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 40/4/0,03A

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9135112**

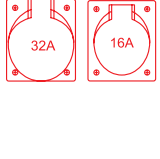


1 CEE-socket 32A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9135312**

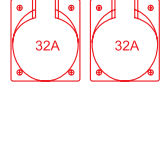


1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C

1xM25 cable gland on top  
1xM25 cable gland from bottom

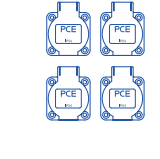
**9135323**



2 CEE-sockets 32A 5p 400V  
2 MCBs 32A 3p-C

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9135361**



4 sockets (DIN 49440)  
16A 250V

4 Neozed D01 1p  
1 RCD 63/4/0,03A

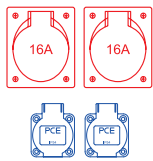
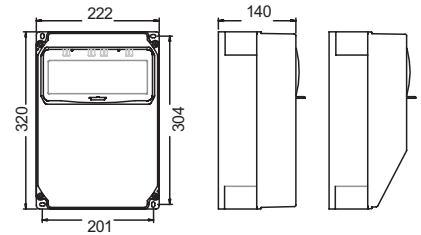
1xM25 cable gland on top  
1xM25 cable gland from bottom

**9135014**

# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series ANIF7



- compact design
- **dimensions: HxWxD = 320x222x140mm**
- 10 modules under window
- ready wired for connection on terminals
- IP54 splashproof, IP66/67 on request
- for installation in factory halls, ...

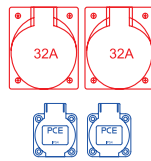


2 CEE-Sockets 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

2 MCBs 16A 3p-C  
2 MCBs 16A 1p-B

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9135123**

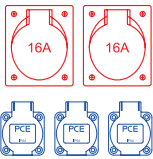


2 CEE-Sockets 32A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

2 MCBs 32A 3p-C  
2 MCBs 16A 1p-B

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9135523**

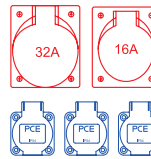


2 CEE-Sockets 16A 5p  
400V  
3 sockets (DIN 49440)  
16A 250V

2 MCBs 16A 3p-C  
3 MCBs 16A 1p-B

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9135153**

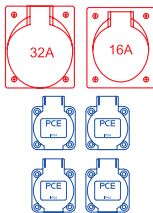


1 CEE-Socket 32A 5p 400V  
1 CEE-Socket 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
3 MCBs 16A 1p-B  
1 RCD 40/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9135552**

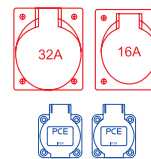


1 CEE-Socket 32A 5p 400V  
1 CEE-Socket 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
4 MCBs 16A 1p-B

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9135653**

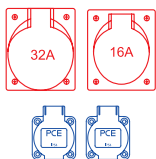


1 CEE-Socket 32A 5p 400V  
1 CEE-Socket 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 40/4/0,03A

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9135512**



1 CEE-Socket 32A 5p 400V  
1 CEE-Socket 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
2 MCBs 16A 1p-C

1xM32 cable gland on top  
1xM32 cable gland from bottom

**9135511**



# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series MURAU and SCHWAZ

Housing	Dimensions HxWxD	Characteristics
<b>Murau</b>	<b>255x204x114mm</b>	straight cover, 1 window 4 modules
<b>Schwaz</b>	<b>255x204x114mm</b>	straight cover, without window (equipment 2xCEE and 4xSSD)
<b>Lofer4</b>	<b>255x204x114mm</b>	straight cover, without window or 1 window 9 modules
<b>Lofer7</b>	<b>255x204x140mm</b>	sloping cover, 1 window 9 modules

General information see page 225 + 229!

Series MURAU



4 modules under clear window IP54  
(optinal IP66/67)

housing protection IP54  
(optional IP66/67)



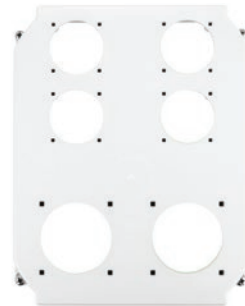
cover view

Series SCHWAZ



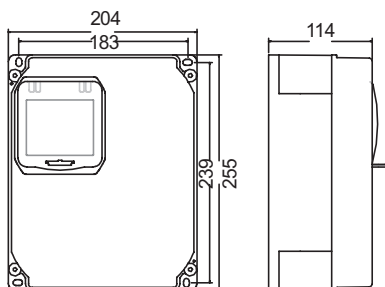
housing protection IP66/67

equipment 2xCEE and 4xSSD

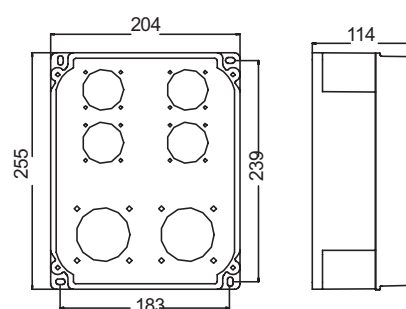


cover view

Murau



Schwaz

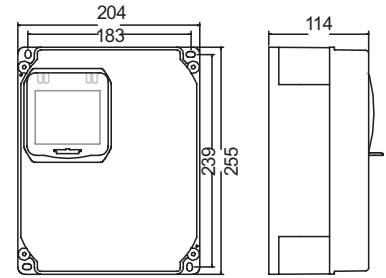






# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series MURAU and SCHWAZ



## Series MURAU

- compact design
- high-quality thermoplastic material
- **dimensions: HxWxD = 255x204x114mm**
- 4 modules
- ready wired for connection on main terminals
- IP54 splashproof
- for assembly plants, electricians, ...











1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

1 RCD 40/4/0,03A

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9013031**











1 CEE-socket 32A 5p 400V  
3 sockets (DIN 49440)  
16A 250V

1 MCB 16A 1p-B  
1 RCD 40/4/0,03A

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9013329**

5 sockets (DIN 49440)  
16A 250V

1 RCD 40/4/0,03A

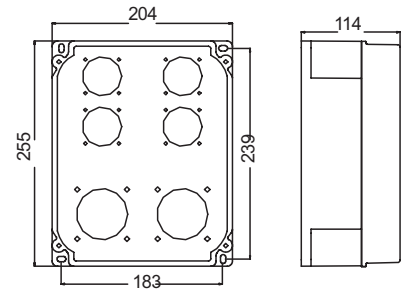




1xM25 cable gland on top  
1xM25 cable gland from bottom

**9013039**





## Series SCHWAZ

- compact design
- high-quality thermoplastic material
- **dimensions: HxWxD = 255x204x114mm**
- ready wired for connection on main terminals
- IP54 splashproof
- for assembly plants, electricians, ...

2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

1xM20 cable gland on top

**9014120**

# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series LOFER4

Housing	Dimensions HxWxD	Characteristics
<b>Murau</b>	<b>255x204x114mm</b>	straight cover, 1 window 4 modules
<b>Schwaz</b>	<b>255x204x114mm</b>	straight cover, without window (equipment 2xCEE and 4xSSD)
<b>Lofer4</b>	<b>255x204x114mm</b>	straight cover, without window or 1 window 9 modules
<b>Lofer7</b>	<b>255x204x140mm</b>	sloping cover, 1 window 9 modules

General information see page 225 + 229!



straight cover version

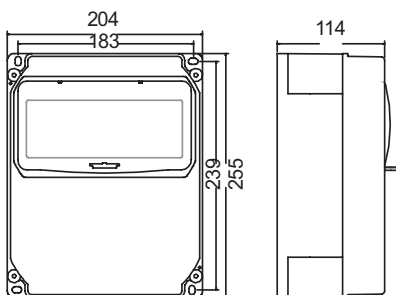
9 modules under clear window IP54  
(optinal IP66/67)

housing protection IP54  
(optional IP66/67)

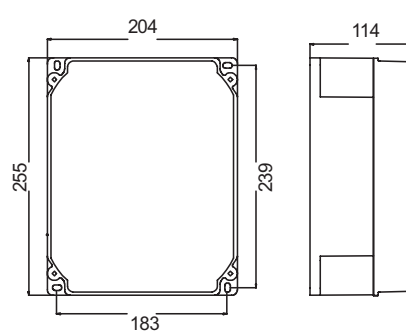
straight cover version

housing protection IP66/67

Lofer4 9 modules



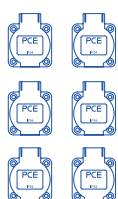
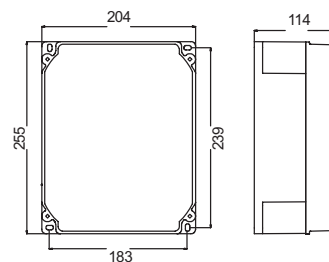
Lofer4 0 modules



# Thermoplastic insulated distribution boxes **DELTA**<sup>▲</sup> Series LOFER4



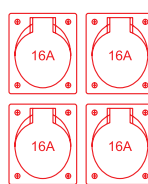
- compact design
- high-quality thermoplastic material
- **dimensions: HxWxD = 255x204x114mm**
- ready wired for connection on main terminals
- IP54 splashproof, IP66/67 on request
- for installation in factory halls, ...



6 sockets (DIN 49440)  
16A 250V

1xM20 cable gland on top  
1xM20 cable gland from bottom

**9017037**



4 CEE-sockets 16A 5p 400V

1xM25 cable gland on top  
1xM25 cable gland from bottom

**9017101**

Special designs - available on request!

# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series LOFER7

Housing	Dimensions HxWxD	Characteristics
<b>Murau</b>	<b>255x204x114mm</b>	straight cover, 1 window 4 modules
<b>Schwaz</b>	<b>255x204x114mm</b>	straight cover, without window (equipment 2xCEE and 4xSSD)
<b>Lofer4</b>	<b>255x204x114mm</b>	straight cover, without window or 1 window 9 modules
<b>Lofer7</b>	<b>255x204x140mm</b>	sloping cover, 1 window 9 modules

General information see page 225 + 229!

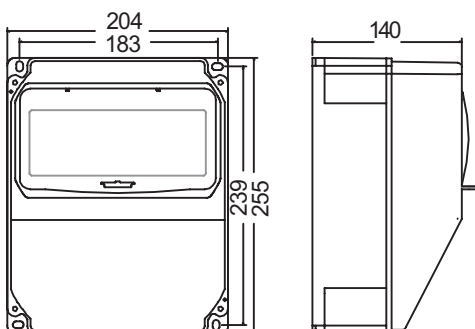


sloping cover version

9 modules under clear window IP66/67

housing protection IP54  
(optional IP66/67)

Lofer7 9 modules

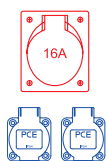
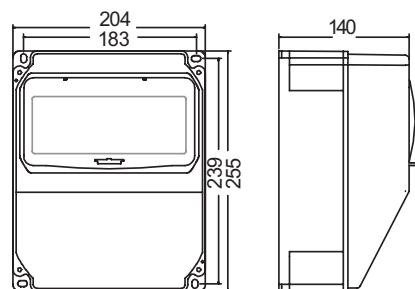




# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series LOFER7



- compact design
- **dimensions: HxWxD = 255x204x140mm**
- 9 modules under window
- ready wired for connection on terminals
- IP54 splashproof, IP66/67 on request
- for installation in factory halls, ...

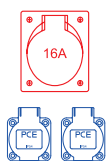


1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 40/4/0,03A

1xM25 cable gland on top  
1xM25 cable glands from bottom

**9018112**



1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
1 MCB 16A 1p-B  
1 RCD 40/4/0,03A

1xM25 cable gland on top  
1xM25 cable glands from bottom

**9018114**

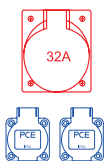


1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C  
1 RCD 40/4/0,03A

1xM25 cable gland on top  
1xM25 cable glands from bottom

**9018320**

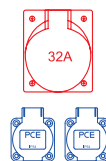


1 CEE-socket 32A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

1xM25 cable gland on top  
1xM25 cable glands from bottom

**9018312**

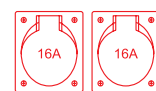


1 CEE-socket 32A 5p 400V  
2 sockets (DIN 49440)  
16A 250V

1 MCB 32A 3p-C  
1 MCB 16A 1p-B  
1 RCD 63/4/0,03A

1xM25 cable gland on top  
1xM25 cable glands from bottom

**9018314**

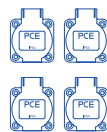


2 CEE-sockets 16A 5p 400V

2 MCBs 16A 3p-C

1xM25 cable gland on top  
1xM25 cable glands from bottom

**9018161**

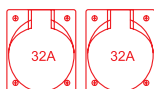


4 sockets (DIN 49440)  
16A 250V

4 MCBs 16A 1p-B  
1 RCD 40/4/0,03A

1xM25 cable gland on top  
1xM25 cable glands from bottom

**9018012**

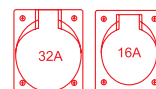


2 CEE-sockets 32A 5p 400V

2 MCBs 32A 3p-C

1xM25 cable gland on top  
1xM25 cable glands from bottom

**9018361**



1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V

1 MCB 32A 3p-C  
1 MCB 16A 3p-C

1xM25 cable gland on top  
1xM25 cable glands from bottom

**9018323**

# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series LECH

Housing	Dimensions HxWxD	Characteristics
Lech	230x130x130mm	sloping cover, 1 window 6 modules

General information see page 225 + 229!

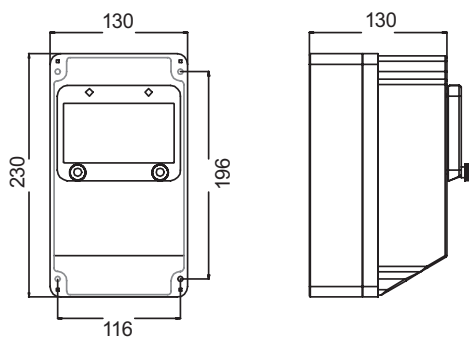


6 modules under clear window IP66/67

1xM25 on the top, open

2xM25 on the bottom, pre-embossed

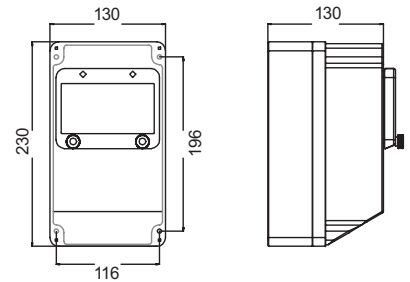
housing protection IP54  
(optional IP66/67)












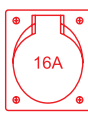



# Thermoplastic insulated distribution boxes DELTA<sup>▲</sup> Series LECH



- compact design
- shock-resistant polycarbonate
- **dimensions: HxWxD = 230x130x130mm**
- 6 modules under window
- ready wired for connection on terminals
- IP54 splashproof, IP66/67 on request
- for mounting in factories



 1 CEE-socket 16A 5p 400V 1 sockets (DIN 49440) 16A 250V   1 MCB 16A 1p-B   1xM25 cable gland on top 2xM25 cable glands from bottom  <b>9605105</b>	 1 CEE-socket 32A 5p 400V 1 sockets (DIN 49440) 16A 250V   1 Neozed D01 1p   1xM25 cable gland on top 2xM25 cable glands from bottom  <b>9605361</b>	 1 CEE-socket 32A 5p 400V 1 sockets (DIN 49440) 16A 250V   1 MCB 16A 1p-B   1xM25 cable gland on top 2xM25 cable glands from bottom  <b>9605351</b>
 1 CEE-socket 16A 5p 400V 2 sockets (DIN 49440) 16A 250V   1 Neozed D01 3p 1 Neozed D01 1p   1xM25 cable gland on top 2xM25 cable glands from bottom  <b>9605155</b>	 1 CEE-socket 16A 5p 400V 2 sockets (DIN 49440) 16A 250V   1 MCB 16A 3p-C 2 MCBs 16A 1p-B   1xM25 cable gland on top 2xM25 cable glands from bottom  <b>9605153</b>	 1 CEE-socket 16A 5p 400V 2 sockets (DIN 49440) 16A 250V   1 MCB 16A 3p-C 2 MCBs 16A 1p-C   1xM25 cable gland on top 2xM25 cable glands from bottom  <b>9605159</b>
 1 CEE-socket 32A 5p 400V 2 sockets (DIN 49440) 16A 250V   1 Neozed D02 3p 1 Neozed D01 1p   1xM25 cable gland on top 2xM25 cable glands from bottom  <b>9605307</b>	 1 CEE-socket 32A 5p 400V 2 sockets (DIN 49440) 16A 250V   1 MCB 32A 3p-C 2 MCBs 16A 1p-B   1xM25 cable gland on top 2xM25 cable glands from bottom  <b>9605303</b>	 1 CEE-socket 32A 5p 400V 2 sockets (DIN 49440) 16A 250V   1 MCB 32A 3p-C 2 MCBs 16A 1p-C   1xM25 cable gland on top 2xM25 cable glands from bottom  <b>9605317</b>
 1 CEE-socket 16A 5p 400V 2 sockets (DIN 49440) 16A 250V   2 MCBs 16A 1p-B 1 RCD 40/4/0,03A   1xM25 cable gland on top 2xM25 cable glands from bottom  <b>9605150</b>	 1 CEE-socket 32A 5p 400V 2 sockets (DIN 49440) 16A 250V   2 MCBs 16A 1p-B 1 RCD 40/4/0,03A   1xM25 cable gland on top 2xM25 cable glands from bottom  <b>9605320</b>	 3 sockets (DIN 49440) 16A 250V   3 MCBs 16A 1p-B 1 RCD 40/4/0,03A   1xM25 cable gland on top 2xM25 cable glands from bottom  <b>9605030</b>

Special designs - available on request!

# DELTA<sup>^</sup> Examples Series COMBI



COMBI with two StrobI7  
HxWxD = 520x444x140 mm



COMBI with two Anif7  
HxWxD = 640x222x140 mm



COMBI with Anif7 and StrobI7  
HxWxD = 820x222x140 mm



COMBI with 2 Lofer in E-Poller







**DISTRIBUTION BOXES – MOBILE**  
made of solid rubber or thermoplastic



# Solid rubber distribution boxes – mobile

## Information

Page **253**

## Zirl

Dimensions: HxWxD = 527x400x270mm

Page **254**



## Schrems

Dimensions: HxWxD = 285x405x275mm

Page **256**



## Spitz

Dimensions: HxWxD = 320x320x320mm

Page **258**



## Ried

Dimensions: HxWxD = 280x235x285mm

Page **259**



## Traunsee

Dimensions: HxWxD = 165x260x90mm

Page **260**



## Steyregg

Dimensions: HxWxD = 79x430x129mm

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## Distribution boxes with electricity meters

Page **262**

## Distribution boxes with transformers

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## Distribution boxes special versions, examples

Page **264**

## Test distribution boxes

Page **265**

## Safety equipment PRCD-S

Page **266**

## Universal racks and column stands

Page **267**



## Solid rubber distribution boxes – mobile – Information



# 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)

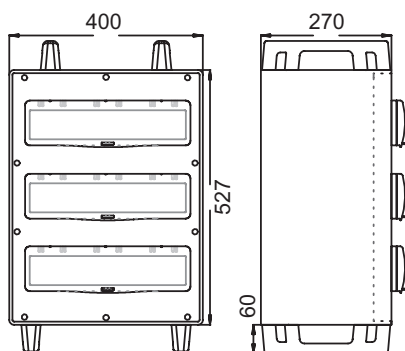
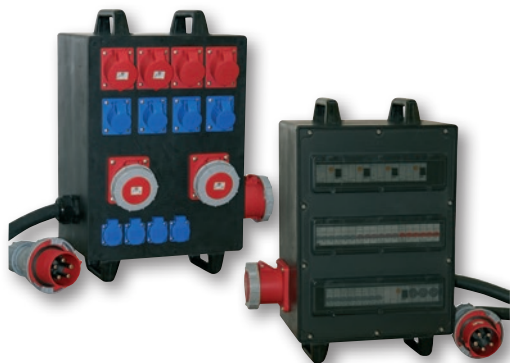
The protection degree of the complete product is defined by the unit with the lowest protection which is mounted.

## 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)



## Solid-rubber distribution boxes – mobile Series ZIRL



### Series ZIRL

- portable solid rubber distribution box (lid: thermoplastic)
- **dimensions: HxWxD = 527x400x270mm**
- 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)
- stockable for saving storage
- **general information see page 253!**



1 CEE-socket 125A 5p 400V  
2 CEE-sockets 63A 5p 400V  
2 CEE-sockets 32A 5p 400V  
2 CEE-sockets 16A 5p 400V

4 CEE-sockets 16A 3p 230V  
4 sockets (DIN 49440) 16A 250V

unprotected (not over RCD)

2 MCBs 63A 3p-C      2 RCDs 63/4/0,03A  
2 MCBs 32A 3p-C      1 RCD 63/4/0,03A  
2 MCBs 16A 3p-C      1 RCD 63/4/0,03A

4 MCBs 16A 1p-C } 1 RCD 63/4/0,03A (pre-fused  
4 MCBs 16A 1p-C } over Neozed D02 63A)

9545 . . .



### Series ZIRL

- design with frame
- dimensions: HxWxD = 527x400x270mm

4 CEE-Sockets 63A 5p 400V

2m cable with CEE-plug 125A 5p 400V

4 Neozed D02 63A 3p

9545 . . .

References and special designs available on request!

## Solid-rubber distribution boxes – mobile Series ZIRL Special versions – examples

### Series Zirl with 6x125A and NH isolator

- with two handles, with 2 crane eyelets mounted on a galvanized sub-frame
- ready wired on CU-rail system
- **HxWxD = 1500x900x600mm**

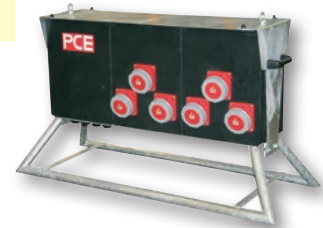
**Fittings:**

6 CEE-sockets 125A 5p 400V

6 NH-fuses

4xM40 cable glands on the bottom

92293 ...



### Series Zirl can be blocked when inserted

- with two handles, mounted on a galvanized sub-frame, with 2 transparent and lockable doors
- **HxWxD = 830x1100x600mm**

**Fittings:**

1 CEE-Sockets 32A 5p 400V

4 CEE-Sockets 16A 5p 400v

3 sockets (DIN 49440) 16A 250V

1 electric rotary current counter

3 MCBs 32A 1p-C

12 MCBs 16A 1p-C

3 RCDs/MCBs 16A 0,03 C

1 RCD 40/4/0,03A

4 RCDs 40/4/0,03A

2m cable with CEE-plug 63A 5p 400V

92292 ...



### Series Zirl as terminal box up to 240mm<sup>2</sup>

- with thermoplastic swing doors, with CU-rail system up to 240 mm<sup>2</sup>
- entry and outlet: cable entry Ø 46mm
- **HxWxD = 800x527x270mm**

92292 ...



References and special designs available on request!

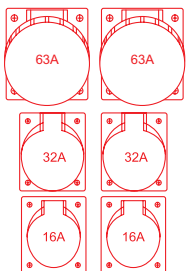
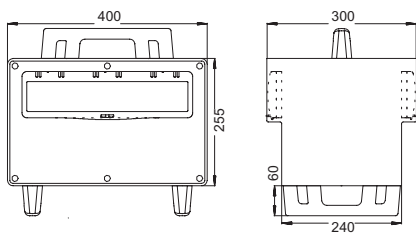




# Solid-rubber distribution boxes – mobile Series SCHREMS



- portable solid-rubber distribution box
- **Dimensions: HxWxD = 255x400x300mm**
- big size for many items
- window for up to 36 modules
- fuses, control devices e.g. MCB, RCD,... current indication under cover
- ready wired for connection
- housing protection IP54 (IP67 on request)
- stockable for saving storage
- **general information see page 253!**



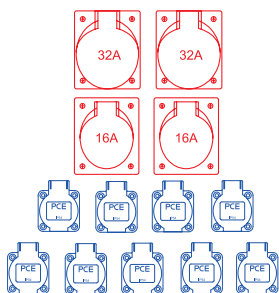
- 1 CEE-socket 63A 5p 400V
- 1 CEE-socket 63A 5p 400V
- 2 CEE-sockets 32A 5p 400V
- 2 CEE-sockets 16A 5p 400V
- 4 sockets (DIN 49440)16A 250V

1 CEE-plug 63A 5p 400V

**9504532**

Protection:

- without fuse
- 1 MCB 63A 3p-C
- 2 MCBs 32A 3p-C
- 2 MCBs 16A 3p-C
- 4 MCBs 16A 1p-C
- 1 RCD 63/4/0,03A
- (out of 1xCEE 63A 5p)



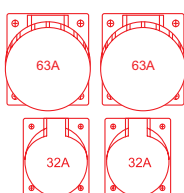
- 2 CEE-sockets 32A 5p 400V
- 2 CEE-sockets 16A 5p 400V
- 9 sockets (DIN 49440)16A 250V

2m cable 5G16 with  
CEE-plug 63A 5p 400V

**9504450**

Protection:

- 2 MCBs 32A 3p-C
- 2 MCBs 16A 3p-C
- 9 MCBs 16A 1p-C
- 1 RCD 63/4/0,03A



- 2 CEE-sockets 63A 5p 400V
- 2 CEE-sockets 32A 5p 400V

2m cable 5G35 with  
CEE-plug 125A 5p 400V

**9504300**

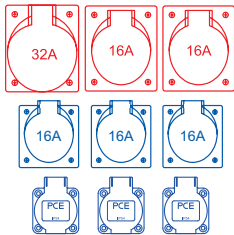
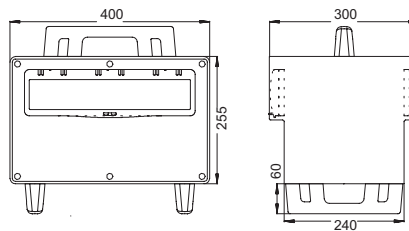
Protection:

- 2 D02 63A 3p
- 2 MCBs 32A 3p-C
- 2 RCDs 63/4/0,03A on CEE 63A 5p
- 1 RCD 63/4/0,03A on CEE 32A 5p
- back-up fuse in the form of Neozed 63A for CEE 32A 5p

Special designs - available on request!

## Solid-rubber distribution boxes – mobile Series SCHREMS

- portable solid-rubber distribution box
- **Dimensions: HxWxD = 255x400x300mm**
- big size for many items
- window for up to 36 modules
- fuses, control devices e.g. MCB, RCD,... current indication under cover
- ready wired for connection
- housing protection IP54 (IP67 on request)
- stockable for saving storage
- **general information see page 253!**

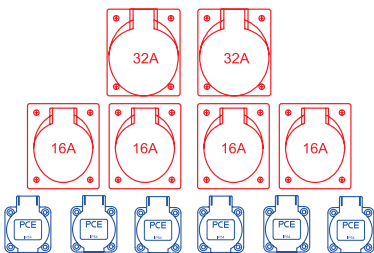


- 1 CEE-socket 32A 5p 400V  
 2 CEE-sockets 16A 5p 400V  
 3 CEE-sockets 16A 3p 230V  
 3 sockets (DIN 49440) 16A 250V
- 2m H07RN-F 5G16 with  
 CEE-plug 63A 5p 400V

**9504560**

Protection:

- 1 MCB 32A 3p-C  
 1 MCB 16A 3p-C  
 3 MCB 16A 1p-C  
 1 RCD 63/4/0,03A

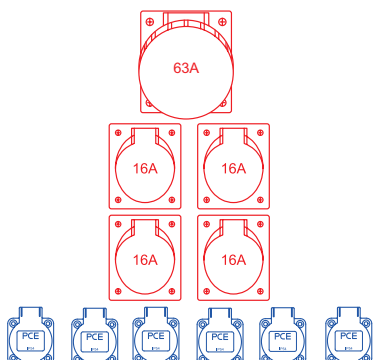


- 2 CEE-sockets 32A 5p 400V  
 4 CEE-sockets 16A 5p 400V  
 6 sockets (DIN 49440) 16A 250V
- 2m H07RN-F 5G16 with  
 CEE-plug 63A 5p 400V

**9504540**

Protection:

- 1 MCB 32A 3p-C  
 2 MCB 16A 3p-C  
 3 MCB 16A 1p-B  
 1 RCD 63/4/0,03A



- 1 CEE-socket 63A 5p 400V  
 4 CEE-sockets 16A 5p 400V  
 6 sockets (DIN 49440) 16A 250V
- 2m H07RN-F 5G16 with  
 CEE-plug 63A 5p 400V

**9504730**

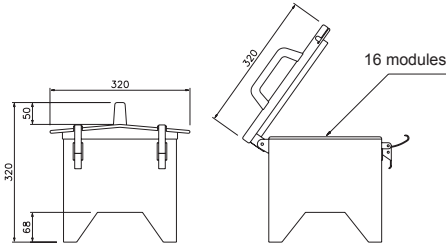
Protection:

- without fuse  
 2 MCB 16A 3p-C  
 6 MCB 16A 1p-C  
 1 RCD 63/4/0,03A



# Solid-rubber distribution boxes – mobile

## Series SPITZ with fuse



- portable, handy solid-rubber distribution box
- **dimensions: HxWxD = 320x320x320 mm**
- lifting hinged cover with 2 quick acting closures
- fuses, control devices e.g. MCB, RCD, current indicator, ... under 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
- housing protection IP54 (IP67 on request)
- approved according to EN 60439/4
- **general information see page 253!**



10 sockets (DIN 49440)  
16A 250V

10 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

2m H07RN-F 5G6 with  
CEE-plug 32A 5p 400V

**9474144**

2 CEE-sockets 16A 5p 400V  
6 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
3 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

2m H07RN-F 5G6 with  
CEE-plug 32A 5p 400V

**9474154**

1 CEE-socket 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

2 MCBs 16A 3p-C  
4 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

2m H07RN-F 5G6 with  
CEE-plug 32A 5p 400V

**9474584**

1 CEE-socket 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

2 Neozed D01 3p  
2 Neozed D01 1p

CEE-plug 32A 5p 400V

**9474203**

8 sockets (DIN 49440)  
16A 250V

4 Neozed D01 1p

CEE-plug 32A 5p 400V

**9474027**

1 CEE-socket 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

1 Neozed D01 3p  
2 Neozed D01 1p  
1 RCD 63/4/0,03A

CEE-plug 32A 5p 400V

**9474586**

3 CEE-sockets 32A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

3 MCBs 32A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

2m H07RN-F 5G10 with  
CEE-plug 63A 5p 400V

**9474320**

2 CEE-sockets 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

2 MCBs 16A 3p-C  
4 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

2m H07RN-F 5G6 with  
CEE-plug 32A 5p 400V

**9474590**

2 CEE-sockets 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

2 MCBs 32A 3p-C  
1 MCB 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 63/4/0,03A

2m H07RN-F 5G10 with  
CEE-plug 63A 5p 400V

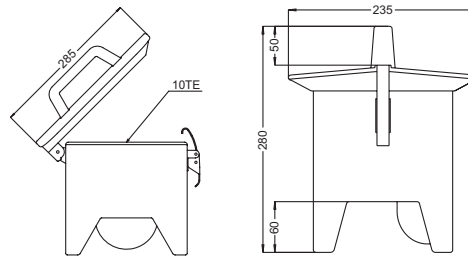
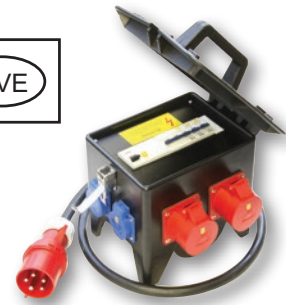
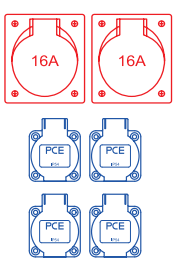
**9474592**

Special designs - available on request!

## Solid-rubber distribution boxes – mobile Series RIED

- portable, handy solid-rubber distribution box, ready wired for connection
- dimensions: HxWxD = 280x235x285 mm**
- maximum rated current of 32A
- lifting hinged cover with 2 quick acting closures
- fuses, control devices e.g. MCB, RCD, current indicator, ... under 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
- housing protection IP54
- Entry: flanged plug or cable
- general information see page 253!**

**IP54 T**  

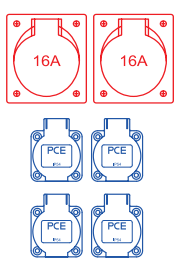



2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 16A 250V)

1 MCB 16A 3p-C  
2 MCBs 16A 1p-C  
1 RCD 63/4/0,03A

2m cable H07RN-F 5G6 with  
CEE-plug 32A 5p 400V

**9473012**

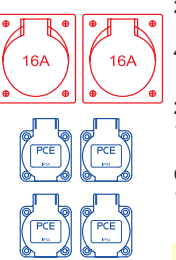


2 CEE-sockets 16A 5p 400V  
without fuse  
4 sockets (DIN 16A 250V)

2 MCBs 16A 1p-C  
1 RCD 40/4/0,03A

2m cable H07RN-F 5G2,5 with  
CEE-plug 16A 5p 400V

**9473070**

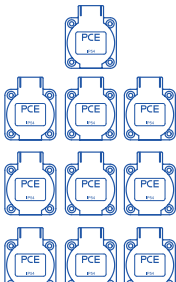


2 CEE-sockets 16A 5p 400V  
without fuse  
4 sockets (DIN 16A 250V)

2 MCBs 16A 1p-C  
1 RCD 40/4/0,03A

CEE-plug  
16A 5P 400V

**9473071**

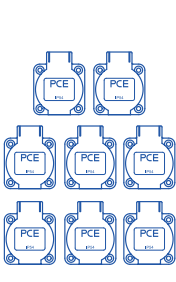


10 sockets (DIN 16A 250V)

1 RCD 40/4/0,03A

2m cable H07RN-F 5G2,5  
with CEE-plug  
16A 5p 400V

**9473219**

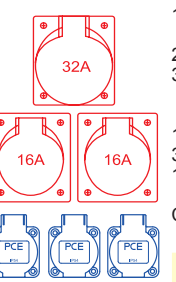


8 sockets (DIN 16A 250V)

1 RCD 40/4/0,03A

CEE plug 16A 5P 400V

**9473274**

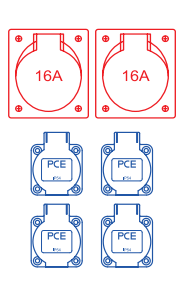


1 CEE-socket 32A 5p 400V  
without fuse  
2 CEE-sockets 16A 5p 400V  
3 sockets (DIN 16A 250V)

1 MCB 16A 3p-C  
3 MCBs 16A 1p-C  
1 RCD 63/4/0,03A

CEE-plug 32A 5P 400V

**9473377**

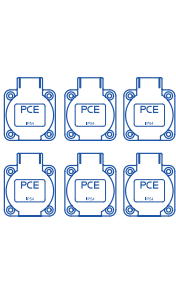


2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 16A 250V)

1 MCB 16A 3p-C  
2 MCBs 16A 1p-C  
1 RCD 63/4/0,03A

CEE plug 32A 5P 400V

**9473435**

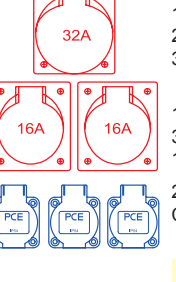


6 sockets (DIN 16A 250V)

6 MCBs 16A 1p-C

2m cable H07RN-F 5G6 with  
CEE-plug 32A 5p 400V

**9473487**



1 CEE-socket 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
3 sockets (DIN 16A 250V)

1 MCB 16A 3p-C  
3 MCBs 16A 1p-C  
1 RCD 63/4/0,03A

2m cable H07RN-F 5G6 with  
CEE-plug 32A 5p 400V

**9473371**

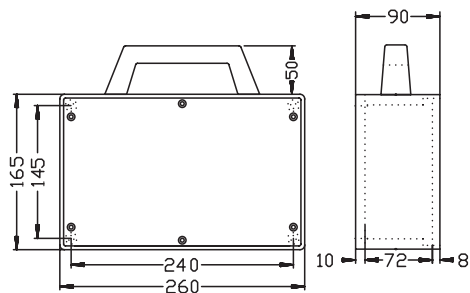


# Solid-rubber distribution boxes – mobile

## Series TRAUNSEE



- portable, handy solid-rubber distribution box
- **dimensions: HxWxD = 165x260x90mm**
- available with and without fuse
- ready wired for connection
- housing protection IP54 (IP67 on request)
- entry: high-flexible rubber cable
- **general information see page 253!**



4 sockets (DIN 49440) 16A 250V

without fuse



1,5m cable 3G2,5 with  
solid rubber plug 16A 250V

**9216011**

3 sockets (DIN 49440) 16A 250V

1 RCD 25/2/0,03A

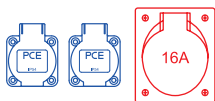


1,5m cable 3G2,5 with rubber plug  
16A 2p+E 230V

**9216066**

1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440) 16A 250V

without fuse



1,5m cable 5G2,5 with  
CEE-plug 16A 5p 400V

**9216051**

1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440) 16A 250V

1 RCD 25/2/0,03A for the 2 safety sockets



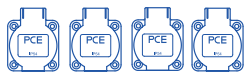
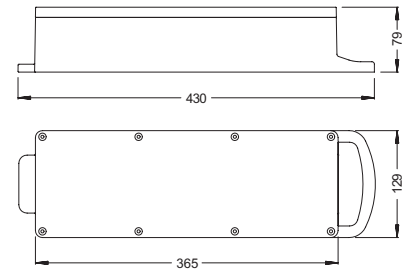
1,5m cable 5G2,5 with  
CEE-plug 16A 5p 400V

**9216052**



## Solid-rubber distribution boxes – mobile Series STEYREGG

- portable, handy solid-rubber distribution box
- **dimensions: HxWxD = 79x430x129 mm**
- available with and without fuse
- ready wired for connection
- housing protection IP54
- **general information see page 253!**

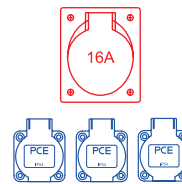


4 sockets (DIN 49440) 16A 250V

without fuse

2m cable 3G2,5 with rubber-plug 16A 250V

**9441010**

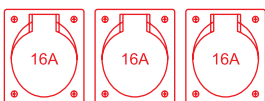


1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440) 16A 250V

without fuse

2m cable 5G2,5 with CEE-plug 16A 5p 400V

**9441050**

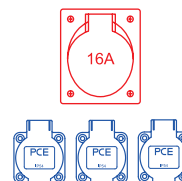


3 CEE-sockets 16A 5p 400V

without fuse

2m cable 5G2,5 with CEE-plug 16A 5p 400V

**9441070**

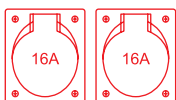


1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440) 16A 250V

1 RCD-40/4/0,03A

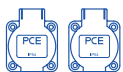
2m cable 5G2,5 with CEE-plug 16A 5p 400V

**9441051**



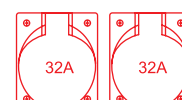
2 CEE-sockets 16A 5p 400V  
2 sockets (DIN 49440) 16A 250V

1 RCD-40/4/0,03A - all outlets



2m cable 5G2,5 with CEE-plug 16A 5p 400V

**9441065**



2 CEE-sockets 32A 5p 400V  
2 sockets (DIN 49440) 16A 250V

2 MCBs 16A 1p  
1 RCD-63A/4/0,03A

2m cable 5G4 with CEE-plug 32A 5p 400V

**9441075**

# Solid-rubber distribution boxes – mobile with electricity meters



Traunsee

## Series TRAUNSEE

9216150

- Entry:** 5m cable 3G1,5 with socket (DIN 49440) 16A 250V
- Outlet:** 2 sockets (DIN 49440) 16A 250V 1 x RCBO 16/1+N/0,03A  
1 electronic kWh AC electricity meter 230V



Spitz

## Series SPITZ

9474162

Hinged covers with 2 quick-release fasteners, can be secured with a padlock

- Entry:** 2m cable 3G2,5 with rubber plug 16A 250V
- Outlet:** 4 sockets (DIN 49440) 16A 250V 4 x MCBs 16A 1p-B  
1 x RCD 25/2/0,03A  
1 electronic kWh AC electricity meter 230V

## Series SPITZ

9474164

Hinged covers with 2 quick-release fasteners, can be secured with a padlock

- Entry:** 2m cable 5G2,5 with CEE-plug 16A 5p 400V
- Outlet:** 1 CEE-socket 16A 5p 400V without fuse  
4 sockets (DIN 49440) 16A 250V 4 x MCBs 16A 1p-B  
1 x RCD 40/4/0,03A  
1 electronic kWh AC electricity meter 3 x 230/400V

## Series SPITZ

9474166

Hinged covers with 2 quick-release fasteners, can be secured with a padlock

- Entry:** 2m cable 5G2,5 with CEE-plug 16A 5p 400V
- Outlet:** 2 CEE-sockets 16A 5p 400V 1 x MCB 16A 3p-C  
4 sockets (DIN 49440) 16A 250V 2 x MCBs 16A 1p-B  
1 x RCD 40/4/0,03A  
1 electronic kWh AC electricity meter 3 x 230/400V



Spitz

## Series SPITZ

9474540

Hinged covers with 2 quick-release fasteners, can be secured with a padlock

- Entry:** 2m cable 5G6 with CEE-plug 32A 5p 400V
- Outlet:** 1 CEE-socket 32A 5p 400V without fuse  
2 CEE-sockets 16A 5p 400V 1 x MCB 16A 3p-C  
3 sockets (DIN 49440) 16A 250V 3 x MCBs 16A 1p-B  
1 x RCD 63/4/0,03A  
1 electronic kWh AC electricity meter 3 x 230/400V

## Series SPITZ

9474176

Hinged covers with 2 quick-release fasteners, can be secured with a padlock

- Entry:** 2m cable 5G2,5 with CEE-plug 16A 5p 400V
- Outlet:** 3 CEE-sockets 16A 5p 400V 4 x MCBs 16A 1p-B  
4 sockets (DIN 49440) 16A 250V 1 x RCD 40/4/0,03A  
1 electronic kWh AC electricity meter 3 x 230/400V

## Series SCHREMS

9504524

- Entry:** CEE-plug 32A 5p 400V
- Outlet:** 1 CEE-socket 32A 5p 400V without fuse  
2 CEE-sockets 16A 5p 400V 1 x MCB 16A 3p-C  
6 sockets (DIN 49440) 16A 250V 3 x MCBs 16A 1p-B  
1 RCD 63/4/0,03A  
1 electronic kWh AC electricity meter 3 x 230/400V



## Series SCHREMS

9504528

- Entry:** 2m cable 5G6 with CEE-plug 32A 5p 400V
- Outlet:** 1 CEE-socket 32A 5p 400V without fuse  
2 CEE-sockets 16A 5p 400V 1 x MCB 16A 3p-C  
6 sockets (DIN 49440) 16A 250V 3 x MCBs 16A 1p-B  
1 RCD 63/4/0,03A  
1 electronic kWh AC electricity meter 3 x 230/400V

## Solid-rubber distribution boxes – mobile with isolation transformers with secondary-side extra low voltage 230/24V~ or 230/42V~ according to EN61558-2-6 (VDE 0570 part 2-6)

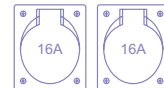
### Safety at the workplace

Safety and isolation transformers are often absolutely necessary to protect human health. Special electrical products, which provide maximum protection for the user, are required at many workstations.

#### Series TRAUNSEE Isolation transformer 500VA 230/24V~

**Entry:** 3m cable 2G1,5 with contour plug 16A 250V~  
**Outlet:** 2 CEE-sockets 16A 2p 24V~

9216452

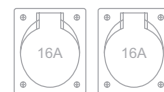


24V~

#### Series TRAUNSEE Isolation transformer 500VA 230/42V~

**Entry:** 3m cable 2G1,5 with contour plug 16A 250V~  
**Outlet:** 2 CEE-sockets 16A 2p 42V~

9216451

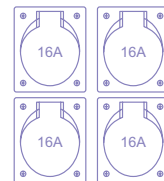


42V~

#### Series RIED Isolation transformer 500VA 230/24V~

**Entry:** 3m cable 2G1,5 with contour plug 16A 250V~  
**Outlet:** 4 CEE-sockets 16A 2p 24V~

9473400

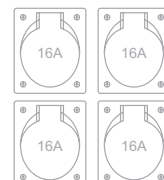


24V~

#### Series RIED Isolation transformer 500VA 230/42V~

**Entry:** 3m cable 2G1,5 with contour plug 16A 250V~  
**Outlet:** 4 CEE-sockets 16A 2p 42V~

9473401

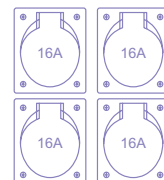


42V~

#### Series SPITZ Isolation transformer 1000VA 230/24V~

**Entry:** 3m cable 2G1,5 with contour plug 16A 250V~  
**Outlet:** 4 CEE-sockets 16A 2p 24V~

94742409

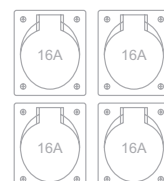


24V~

#### Series SPITZ Isolation transformer 1000VA 230/42V~

**Entry:** 3m cable 2G1,5 with contour plug 16A 250V~  
**Outlet:** 4 CEE-sockets 16A 2p 42V~

94741409

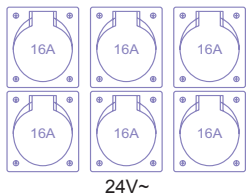


42V~



## Solid-rubber distribution boxes – mobile

with isolation transformers with secondary-side extra low voltage  
230/24V~ or 230/42V~ according to EN61558-2-6 (VDE 0570 part 2-6)



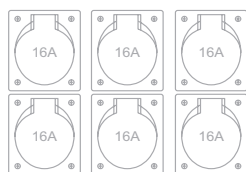
24V~

### Series SCHREMS

#### Isolation transformer 2000VA 230/24V~

**Entry:** 3m cable 2G1,5 with contour plug 16A 250V~  
**Outlet:** 6 CEE-sockets 16A 2p 24V~

9502421



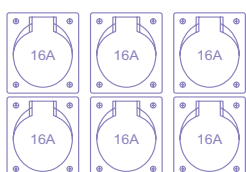
42V~

### Series SCHREMS

#### Isolation transformer 2000VA 230/42V~

**Entry:** 3m cable 2G2,5 with contour plug 16A 250V~  
**Outlet:** 6 CEE-sockets 16A 2p 42V~

9502442



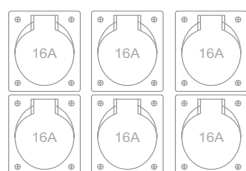
24V~

### Series SCHREMS

#### Isolation transformer 2500VA 230/24V~

**Entry:** 3m cable 2G2,5 with contour plug 16A 250V~  
**Outlet:** 6 CEE-sockets 16A 2p 24V~

9502422



42V~

### Series SCHREMS

#### Isolation transformer 2500VA 230/42V~

**Entry:** 3m cable 2G2,5 with contour plug 16A 250V~  
**Outlet:** 6 CEE-sockets 16A 2p 42V~

9502443

## Solid-rubber distribution boxes - mobile

with isolation transformer with galvanic isolation 230/230V~  
according to EN61558-2-4 (VDE 0570 part 2-4)



### Series TRAUNSEE

#### Isolation transformer 500VA 230/230V~

**Entry:** 3m cable 2G1,5 with contour plug 16A 250V~  
**Outlet:** 1 socket (DIN 49440) 16A 250V~

9216453



### Series SPITZ

#### Isolation transformer 1000VA 230/230V~

**Entry:** 3m cable 2G1,5 with contour plug 16A 250V~  
**Outlet:** 1 socket (DIN 49440) 16A 250V~

9474410



### Series SCHREMS

#### Isolation transformer 2000VA 230/230V~

**Entry:** 3m cable 2G1,5 with contour plug 16A 250V~  
**Outlet:** 1 socket (DIN 49440) 16A 250V~

9502413



### Series SCHREMS

#### Isolation transformer 2500VA 230/230V~

**Entry:** 3m cable 2G2,5 with contour plug 16A 250V~  
**Outlet:** 1 socket (DIN 49440) 16A 250V~

9502419

Special designs - available on request!

## 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**

Fittings: 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 distribution box

##### Series ZIRL

with two handles, on a steel sub-frame, galvanized in black, stackable, locked using a padlock on Neozed window

**HxWxD = 650x520x270mm**

Fittings: 4 electronic kWh three-phase meters 3 x 230/400V AC  
4 CEE-sockets 32A 5p 400V-distributor bottom 4 Neozed 32A 3p  
3 sockets (DIN 49440) 1 RCD 40/4/0,03A  
3 MCBs 16A 1p-C  
1 RCD 40/4/0,03A

4m cable 5G16 with CEE-plug 63A 5p 400V



#### 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**

Fittings: 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**

Fittings: 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

1 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**

Fittings: 2 CEE-sockets 63A 5p 400V 2 MCB 63A 3p-C 2 RCDs 63/4/0,3A on CEE-socket 63A  
6 CEE-sockets 32A 5p 400V 6 MCBs 32A 3p-C 3 RCDs 63/4/0,03A on CEE-sockets 32A  
2 CEE-sockets 16A 5p 400V 2 MCBs 16A 3p-C 1 RCDs 40/4/0,03A on CEE-sockets 16A  
6 sockets (DIN 49440) 16A 240V 6 MCB 16A 1p-C 1 RCD 40/4/0,03A on socket (DIN 49440)

2m cable with CEE-plug 63A 5p 400V





# Circuit breakers that provide excellent PRCD-S protection against injury



## Residual current circuit breaker PRCD-S

- comprehensive personal security for construction sites
- enables the safe extraction of power from existing outlets
- checked for proper functioning outlets – particularly earth conductor - and allows the extraction of power only of secure sockets
- serve as mobile residual current device (RCD)
- is simply inserted as an extension cable between the consumer and outlet
- PRCD-S has the following features:  
residual current device (RCD) – earth conductor identification (inspection of function before operation) – earth conductor monitoring (inspection during operation) – identification of external voltage – identification of low tension

2p+E, 16A, 30mA, IP55, rubber-housing

96200015



9620664

## Safety extension cord

3m 3G1,5 with residual current circuit breaker 16A 250V~ 30mA IP44 with assembled solid rubber plug and solid rubber connector 16A 250V~

9620664

## Safety extension cord

3m 3G1,5 with residual current circuit breaker 16A 250V~ 30mA IP44 with assembled solid rubber plug and solid rubber 3-way connector 16A 250V~

9620684



9620684

## Safety extension cord

3m 3G2,5 with residual current circuit breaker 16A 250V~ 30mA IP44 with assembled CEE plug and CEE connector 16A 3p 230V~

9620665



## Safety extension cord

3m 3G1,5 with residual current circuit breaker 16A 250V~ 30mA IP44 with assembled solid rubber plug and compact distribution box Series St. Anton 3 x sockets (DIN 49440) 16A 250V~

9620694

## Safety extension cord

3m 3G2,5 with residual current circuit breaker 16A 250V~ 30mA IP44 with assembled solid rubber plug and compact distribution box Series St. Anton 3 x sockets (DIN 49440) 16A 250V~

9620695



## Solid rubber distribution boxes Series TRAUNSEE with handle

**Entry:** 3m cable 3G2,5 with rubber plug 16A 250V~ and with residual current circuit breaker 16A 250V~ 30mA IP44  
**Outlet:** 4 sockets (DIN 49440) 16A 250V~

9620676

## Solid rubber distribution boxes Series TRAUNSEE with handle

**Entry:** 3m cable 3G2,5 with CEE-plug 16A 3p 230V~ and with residual current circuit breaker 16A 250V~ 30mA IP44  
**Outlet:** 2 CEE-sockets 16A 3p 230V~

9620677



## Solid rubber distribution boxes Series RIED with handle

**Entry:** 2m cable 5G2,5 with plug 16A 5p 400V~ and with residual current circuit breaker 5p 230/400V IP44  
**Outlet:** 1 CEE-socket 16A 5p 400V~  
3 sockets (DIN 49440) 16A 250V~

9473814

Special designs - available on request!

# 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
- **HxWxD = 1206x400x243mm**
- square column 80x80mm
- base plate 400x400mm
- prepared for distribution box series SALZBURG
- construction in stainless steel on request

410726



## Column stand 1200mm

- made of hot-galvanized sheet steel with base mounting plate
- **HxWxD = 1206x500x243mm**
- square column 80x80mm
- base plate 400x400mm
- prepared for distribution box series BRUCK
- construction in stainless steel on request

410725



## 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



# Thermoplastic distribution boxes – mobile

## Information

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## Anif4

Dimensions: HxWxD = 320x222x114mm

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## Murau

Dimensions: HxWxD = 189x290x114mm

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## Schwaz

Dimensions: HxWxD = 189x290x114mm

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## Horn

Dimensions: HxWxD = 263x246x75mm

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## Imst

Dimensions: HxWxD = 197x200x197mm

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## Pegasus

Dimensions: HxWxD = 230x140x140mm

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## St. Anton

### Compact distribution boxes

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## T-Box

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## M-Box

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## Thermoplastic distribution boxes – mobile – Information

Mobile thermoplastic distribution boxes are suitable for **in- 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**.



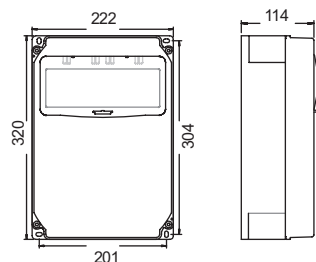
# Thermoplastic insulated distribution boxes – mobile

## Series ANIF4 / SCHWAZ / MURAU

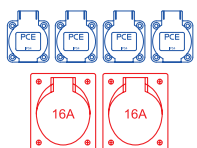


### Series ANIF4

- compact design
- high-quality thermoplastic material
- **dimensions: HxWxD = 320x222x114mm**
- 10 modules
- ready wired for connection
- IP54 splashproof
- for assembly plants, electricians, ...



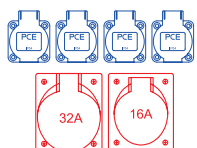
2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V  
2 MCBs 16A 3p-C  
4 MCBs 16A 1p-B  
2m H07RN-F 5G4 with  
CEE-plug 32A 5p 400V



portable reel

**9134124**

1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

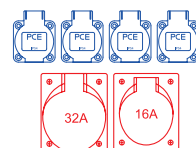


1 MCB 16A 3p-C  
4 MCBs 16A 1p-B  
2m H07RN-F 5G4 with  
CEE-plug 32A 5p 400V

carrying handle

**9134532**

1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V



1 MCB 16A 3p-C  
2 MCBs 16A 1p-B  
1 RCD 63/4/0,03A  
2m H07RN-F 5G4 with  
CEE-plug 32A 5p 400V

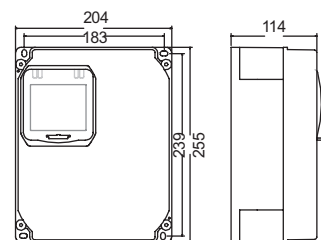
carrying handle

**9134518**

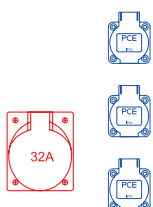


### Series MURAU

- compact design
- high-quality thermoplastic material
- **dimensions: HxWxD = 290x189x114 mm**
- 4 modules
- ready wired for connection
- IP54 splashproof
- for assembly plants, electricians, ...



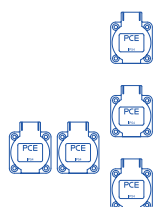
1 CEE-socket 32A 5p 400V  
3 sockets (DIN 49440)  
16A 250V  
1 MCB 16A 1p-B  
1 RCD 40/4/0,03A  
2m H07RN-F 5G4 with  
CEE-plug 32A 5p 400V



carrying handle

**9013330**

5 sockets (DIN 49440)  
16A 250V  
1 RCD 40/4/0,03A  
2m H07RN-F 5G2,5 with  
CEE-plug 16A 5p 400V



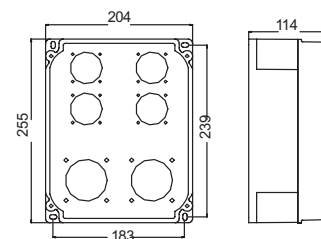
carrying handle

**9013042**

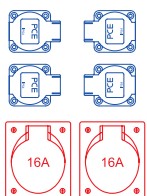


### Series SCHWAZ/LOFER4

- compact design
- high-quality thermoplastic material
- **dimensions: HxWxD = 290x189x114 mm**
- ready wired for connection
- IP54 splashproof
- for assembly plants, electricians, ...



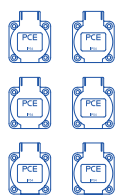
2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V  
2m H07RN-F 5G2,5 with  
CEE-plug 16A 5p 400V



portable frame

**9014010**

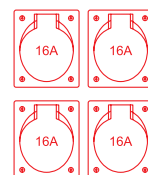
6 sockets (DIN 49440)  
16A 250V  
2m H07RN-F 5G2,5 with  
CEE-plug 16A 5p 400V



carrying handle

**9017050**

4 CEE-sockets 16A 5p 400V  
2m H07RN-F 5G2,5 with  
CEE-plug 16A 5p 400V



carrying handle

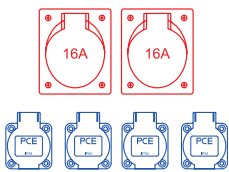
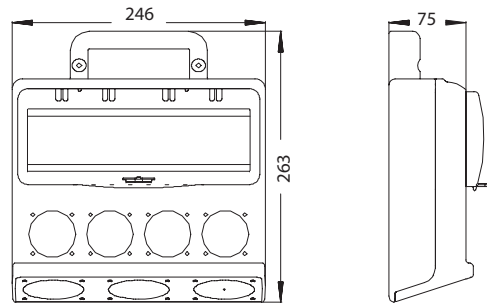
**9017115**

Special designs - available on request!



## Thermoplastic insulated distribution boxes – mobile Series HORN

- compact design, with carrying handle
- high-quality thermoplastic material PC/ABS
- **dimensions: HxWxD = 263x246x75mm**
- up to 12 modules under window
- for wall assembly (4 fixing holes) also possible
- ready wired for connection
- IP44 splashproof
- for construction sites, agriculture, domestic, industry, ...

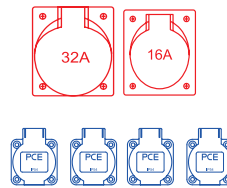


2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

2 MCBs 16A 3p-C  
2 MCBs 16A 1p-C  
1 RCD 63/4/0,03A

CEE-plug 32A 5p 400V

**9004001**



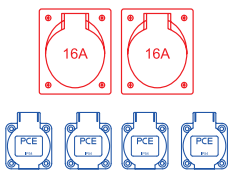
1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
4 MCBs 16A 1p-C  
1 RCD 63/4/0,03A

CEE-plug 32A 5p 400V

**9004002**

with stand support

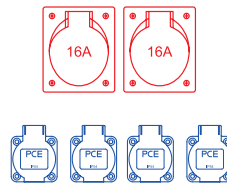


2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

2 MCBs 16A 1p-C

CEE-plug 16A 5p 400V

**9004004**

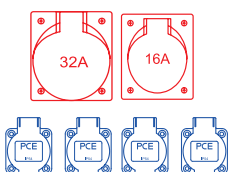


2 CEE-sockets 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

1 RCD 40/4/0,03A

CEE-plug 16A 5p 400V

**9004006**



1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
4 sockets (DIN 49440)  
16A 250V

1 MCB 16A 3p-C  
2 MCBs 16A 1p-C  
1 RCD 63/4/0,03A

CEE-plug 32A 5p 400V

**9004012**



Accessories:

with stand support  
incl. screws

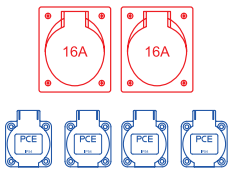
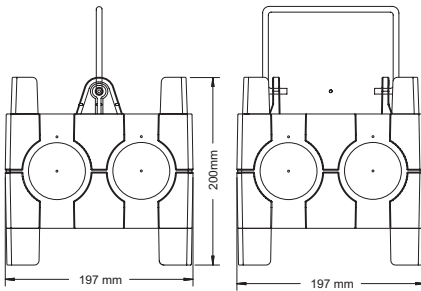
**900404**



# Thermoplastic insulated distribution boxes – mobile Series IMST

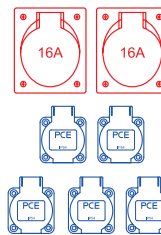


- handy, robust distribution box made of shock-resistant polyamide
- **dimensions: HxWxD = 200x197x197 mm**
- with carrying-handle made of high-grade steel
- maximum rated current of 32A
- up to 7 sockets
- 8 modules under window
- **IP44 splashproof**, ready wired for connection
- for distributing electricity 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



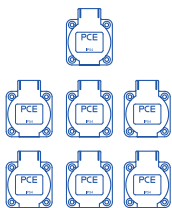
non fused  
2 sockets 16A 5p 400V  
4 sockets (DIN 49440) 16A 250V  
  
CEE-plug  
16A 5p 400V

**9030010**



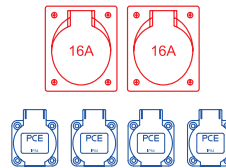
non fused  
2 sockets 16A 5p 400V  
5 sockets (DIN 49440) 16A 250V  
  
2m cable H07RN-F 5G2,5  
with CEE-plug 16A 5p 400V

**9030020**



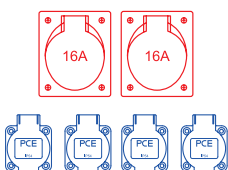
non fused  
7 sockets (DIN 49440) 16A 250V  
  
2m cable H07RN-F 3G2,5  
with rubber-plug 16A 250V

**9030030**



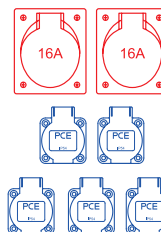
window for 6 modules  
2 sockets 16A 5p 400V  
4 sockets (DIN 49440) 16A 250V  
  
1 RCD 40/4/0,03A - for all outlets  
CEE-plug 16A 5p 400V

**9030014**



window for 6 modules  
2 sockets 16A 5p 400V  
4 sockets (DIN 49440) 16A 250V  
  
2 MCBs 16A 1p-C  
1 RCD 40/4/0,03A - for all outlets  
CEE-plug 16A 5p 400V

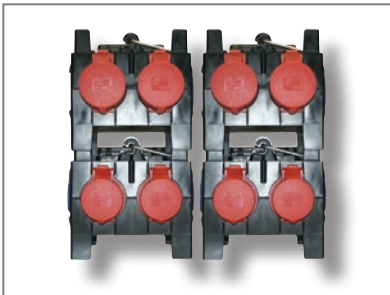
**9030206**



window for 6 modules  
2 sockets 16A 5p 400V  
5 sockets (DIN 49440) 16A 250V  
  
1 RCD 40/4/0,03A - for all outlets  
  
2m cable H07RN-F 5G2,5  
with CEE-plug 16A 5p 400V

**9030004**

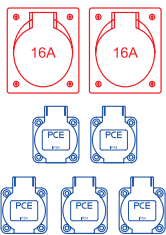
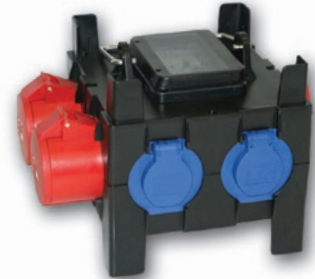
## Thermoplastic insulated distribution boxes – mobile Series IMST



the mobile version can be stacked space-saving storage

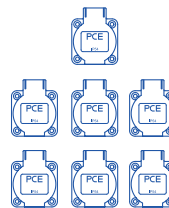


the mobile version has a take-up device for the connecting cable



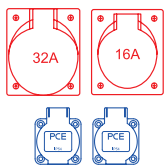
- window for 6 modules
- 2 CEE-sockets 16A 5p 400V
- 5 sockets (DIN 49440) 16A 250V
- 2 MCBs 16A 1p-C
- 1 RCD 40/4/0,03A - for all outlets
- 2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V

**9030204**



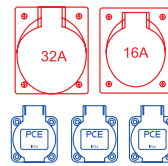
- window for 6 modules
- 7 sockets (DIN 49440) 16A 250V
- 1 RCD 40/4/0,03A - for all outlets
- 2m cable H07RN-F 3G2,5 with rubber-plug 16A 250V

**9030040**



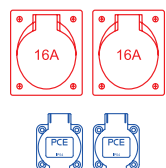
- window for 8 modules
- 1 CEE-socket 32A 5p 400V
- 1 CEE-socket 16A 5p 400V
- 2 sockets (DIN 49440) 16A 250V
- 1 MCB 16A 3p-C
- 1 MCB 16A 1p-C
- 1 RCD 40/4/0,03A - for all outlets
- CEE-plug 32A 5p 400V

**9030109**



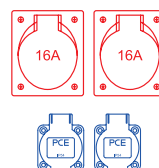
- window for 8 modules
- 1 CEE-socket 32A 5p 400V
- 1 CEE-socket 16A 5p 400V
- 3 sockets (DIN 49440) 16A 250V
- 1 MCB 16A 3p-C
- 1 MCB 16A 1p-C
- 1 RCD 40/4/0,03A - for all outlets
- 2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V

**9030117**



- window for 8 modules
- 2 CEE-sockets 16A 5p 400V
- 2 sockets (DIN 49440) 16A 250V
- 2 MCBs 16A 3p-C
- 2 MCBs 16A 1p-C
- CEE-plug 32A 5p 400V

**9030119**



- window for 8 modules
- 2 CEE-sockets 16A 5p 400V
- 2 sockets (DIN 49440) 16A 250V
- 2 MCBs 16A 3p-C
- 2 MCBs 16A 1p-C
- 2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V

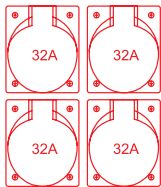
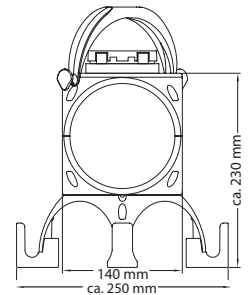
**9030129**

# Thermoplastic insulated distribution boxes – mobile Series PEGASUS



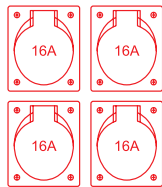
## without fuse

- handy, robust and compact 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**



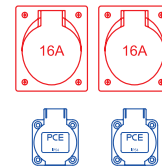
4 CEE-sockets 32A 5p 400V  
2m cable H07RN-F 5G4 with CEE-plug 32A 5p 400V

**9034001**



4 CEE-sockets 16A 5p 400V  
2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V

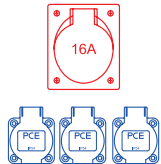
**9034002**



2 CEE-sockets 16A 5p 400V  
2 sockets (DIN 49440) 16A 250V

2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V

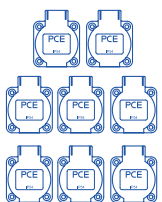
**9034003**



1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440) 16A 250V

2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V

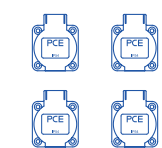
**9034004**



8 sockets (DIN 49440) 16A 250V

2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V

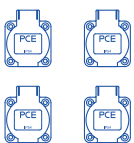
**9034005**



4 sockets (DIN 49440) 16A 250V

2m cable H07RN-F 5G2,5 with CEE-plug 16A 5p 400V

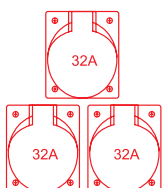
**9034006**



4 sockets (DIN 49440) 16A 250V

2m cable H07RN-F 3G2,5 with plug (DIN 49440) 16A 250V

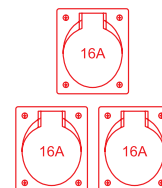
**9034007**



3 CEE-sockets 32A 5p 400V

1 CEE-plug 32A 5p 400V

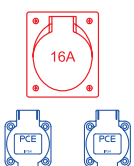
**9034008**



3 CEE-sockets 16A 5p 400V

1 CEE-plug 16A 5p 400V

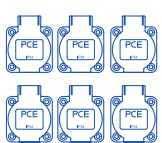
**9034009**



1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440) 16A 250V

1 CEE-plug 16A 5p 400V

**9034010**



6 sockets (DIN 49440) 16A 250V

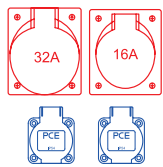
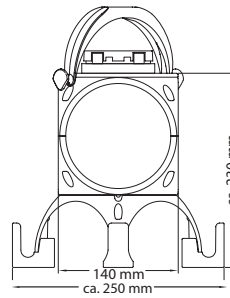
1 CEE-plug 16A 5p 400V

**9034011**

## Thermoplastic insulated distribution boxes – mobile Series PEGASUS

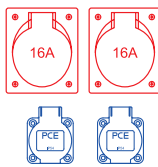
### with fuse

- handy, robust and compact distribution box made of shock-resistant polyamide
- **dimensions: HxWxD = 230x140x140 mm**
- maximum rated current of 32A
- max. 6 mounting surfaces
- 4 modules under window
- with plastic carrying handle
- anti-tilt bracket as standard with 4 rubber stoppers, can also be used to coil cables
- ready wired for connection
- housing colours: red (standard), yellow (special version)
- suitable for construction sites, workshops, agriculture, domestic, industrial, commercial and for event
- **IP44 splashproof**



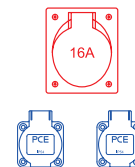
1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V  
1 MCB 16A 3p-C  
1 MCB 16A 1p-C  
2m cable H07RN-F 5G4 with  
CEE-plug 32A 5p 400V

**9034030**



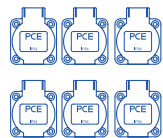
2 CEE-sockets 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V  
1 MCB 16A 3p-C  
1 MCB 16A 1p-C  
2m cable H07RN-F 5G4 with  
CEE-plug 32A 5p 400V

**9034031**



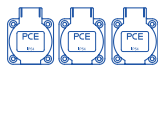
1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V  
1 MCB 16A 3p-C  
1 MCB 16A 1p-C  
2m cable H07RN-F 5G4 with  
CEE-plug 32A 5p 400V

**9034032**



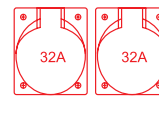
6 sockets (DIN 49440)  
16A 250V  
3 MCBs 16A 1p-C  
2m cable H07RN-F 5G4 with  
CEE-plug 32A 5p 400V

**9034033**



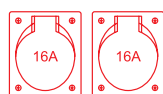
3 sockets (DIN 49440)  
16A 250V  
3 MCBs 16A 1p-C  
2m cable H07RN-F 5G2,5  
with CEE-plug  
16A 5p 400V

**9034034**



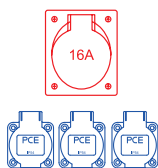
2 CEE-sockets 32A 5p 400V  
1 RCD 63A/4/0,03A  
all outlets  
2m cable H07RN-F 5G4 with  
CEE-plug 32A 5p 400V

**9034050**



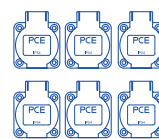
2 CEE-sockets 16A 5p 400V  
1 RCD 40A/4/0,03A  
all outlets  
2m cable H07RN-F 5G2,5  
with CEE-plug  
16A 5p 400V

**9034051**



1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V  
1 RCD 40A/4/0,03A  
all outlets  
2m cable H07RN-F 5G2,5  
with CEE-plug  
16A 5p 400V

**9034052**



6 sockets (DIN 49440)  
16A 250V  
1 RCD 40A/4/0,03A  
all outlets  
2m cable H07RN-F 5G2,5  
with CEE-plug  
16A 5p 400V

**9034053**



3 sockets (DIN 49440)  
16A 250V  
1 RCD 40A/4/0,03A  
all outlets  
2m cable H07RN-F 5G2,5  
with CEE-plug 16A 5p 400V

**9034054**



3 sockets (DIN 49440)  
16A 250V  
1 RCD 25A/2/0,03A  
all outlets  
2m cable H07RN-F 3G2,5  
with plug (DIN 49440)  
16A 250V

**9034055**



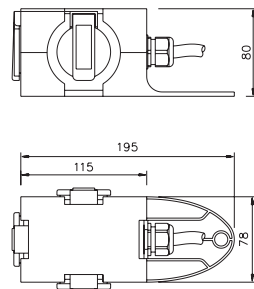
# Compact distribution boxes – Series ST. ANTON

**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
- ready wired for connection
- IP44 splashproof
- well adapted for industry.

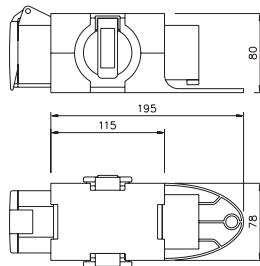
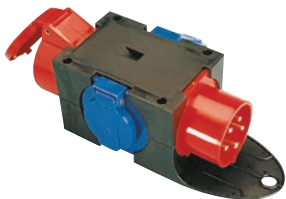


**Entry:**

M20 cable gland without cable		<b>9430406</b>
1,5m cable H07RN-F 3G1,5 with rubber plug 16A 250V		<b>9430409</b>
1,5m cable H07RN-F 5G1,5 with CEE-plug 16A 5p 400V		<b>9430429</b>
1 CEE-plug 16A 5p 400V		<b>9430412</b>

**Outlet:**

3 sockets (DIN49440) 16A 250V with self-closing lid

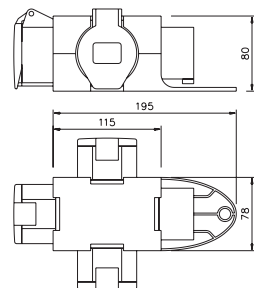


**Entry:**

1 CEE-plug 16A 5p 400V		<b>9430402</b>
1 CEE-phase inverter 16A 5p 400V		<b>9430452</b>
1,5m cable H07RN-F 5G1,5 with CEE-plug 16A 5p 400V		<b>9430715</b>
1,5m cable H07RN-F 5G1,5 with CEE-phase inverter 16A 5p 400V		<b>9430719</b>

**Outlet:**

1 CEE-socket 16A 5p 400V  
2 sockets (DIN49440) 16A 250V with self-closing lid



**Entry:**

1 CEE-plug 16A 5p 400V		<b>9430411</b>
1 CEE-phase inverter 16A 5p 400V		<b>9430453</b>
1,5m cable H07RN-F 5G1,5 with CEE-plug 16A 5p 400V		<b>9430718</b>
1,5m cable H07RN-F 5G1,5 with CEE-phase inverter 16A 5p 400V		<b>9430721</b>

**Outlet:**

3 CEE-sockets 16A 5p 400V



**Entry:**

- 1 CEE-plug 16A 3p 230V
- 1,5m cable H07RN-F 3G1,5 with CEE-plug 16A 3p 230V
- 1,5m cable H07RN-F 3G1,5 with CEE-plug 16A 3p 230V
- 1,5m cable H07RN-F 5G1,5 with CEE-plug 16A 5p 400V

**Outlet:**

- 3 CEE-sockets 16A 3p 230V
- 3 CEE-sockets 16A 3p 230V
- 2 CEE-sockets 16A 3p 230V  
1 socket (DIN49440) 16A 250V
- 3 CEE-sockets 16A 3p 230V

**9430401**

**9430155**

**9430455**

**9430439**

**Entry:**

1 CEE-plug 16A 3p 4h 110V

1 CEE-plug 32A 3p 4h 110V

**Outlet:**

3 CEE-sockets 16A 3p 4h 110V

3 CEE-sockets 32A 3p 4h 110V

9430301\*

9437560\*



**Entry:**

1 CEE-plug 16A 4p 6h 400V

1 CEE-plug 16A 5p 6h 400V

1,5m cable H07RN-F 4x1,5 with CEE-plug 16A 4p 6h 400V

1,5m cable H07RN-F 4x1,5 with CEE-plug 16A 4p 9h 250V

**Outlet:**

3 CEE-sockets 16A 4p 6h 400V

1 CEE-socket 16A 4p 6h 400V  
2 safety sockets 16A 250V belg./french

3 CEE-sockets 16A 4p 6h 400V

3 CEE-sockets 16A 4p 9h 250V

9430311\*

9430050\*

9430343

9430498



**Entry:**

1,5m cable H07RN-F 3G1,5 with socket (DIN 49440) belg./french 250V

1 CEE-plug 16A 5p 6h 400V

1 CEE-plug 16A 5p 6h 400V

1,5m cable H07RN-F 5G1,5 with CEE-plug 16A 5p 6h 400V

**Outlet:**

3 safety sockets 16A 250V belg./french

3 safety sockets 16A 250V belg./french

1 CEE-socket 16A 5p 6h  
2 safety sockets 16A 250V belg./french

1 CEE-socket 16A 5p 6h  
2 safety sockets 16A 250V belg./french

9430479

9430478

9430477

9430476



**Entry:**

1,5m cable H07RN-F 2x2,5 with plug 16A 2p 24V

1,5m cable H07RN-F 2x2,5 with plug 16A 2p 42V

**Outlet:**

3 low voltage sockets 16A 2p 24V

3 low voltage sockets 16A 2p 42V

9430024

9430350



## Compact distribution boxes – Series ST. ANTON 4f

**Entry:**

1,5m cable H07RN-F 5G4 with CEE-plug 32A 5p 6h 400V

1 CEE-plug 32A 5p 6h 400V

1,5m cable H07RN-F 5G4 with CEE-phase inverter 400V

1 CEE-phase inverter 32A 5p

**Outlet:**

3 CEE-sockets 32A 5p 6h 400V

3 CEE-sockets 32A 5p 6h 400V

3 CEE-sockets 32A 5p 6h 400V

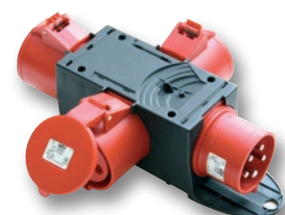
3 CEE-sockets 32A 5p 6h 400V

9437113

9437413

9437114

9437454



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

# Thermoplastic insulated empty distribution box – wall mounting **Series T-BOX**



## Series T-BOX 4

- dimensions: HxWxD = 217x141x105mm
- windows up to 4 modules
- IP65 watertight

**1519004**

pack.unit: 32



## Series T-BOX 8

- dimensions: HxWxD = 217x235x105mm
- windows up to 8 modules
- IP65 watertight

**1519008**

pack.unit: 16



## Series T-BOX 12

- dimensions: HxWxD = 217x307x105mm
- 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**

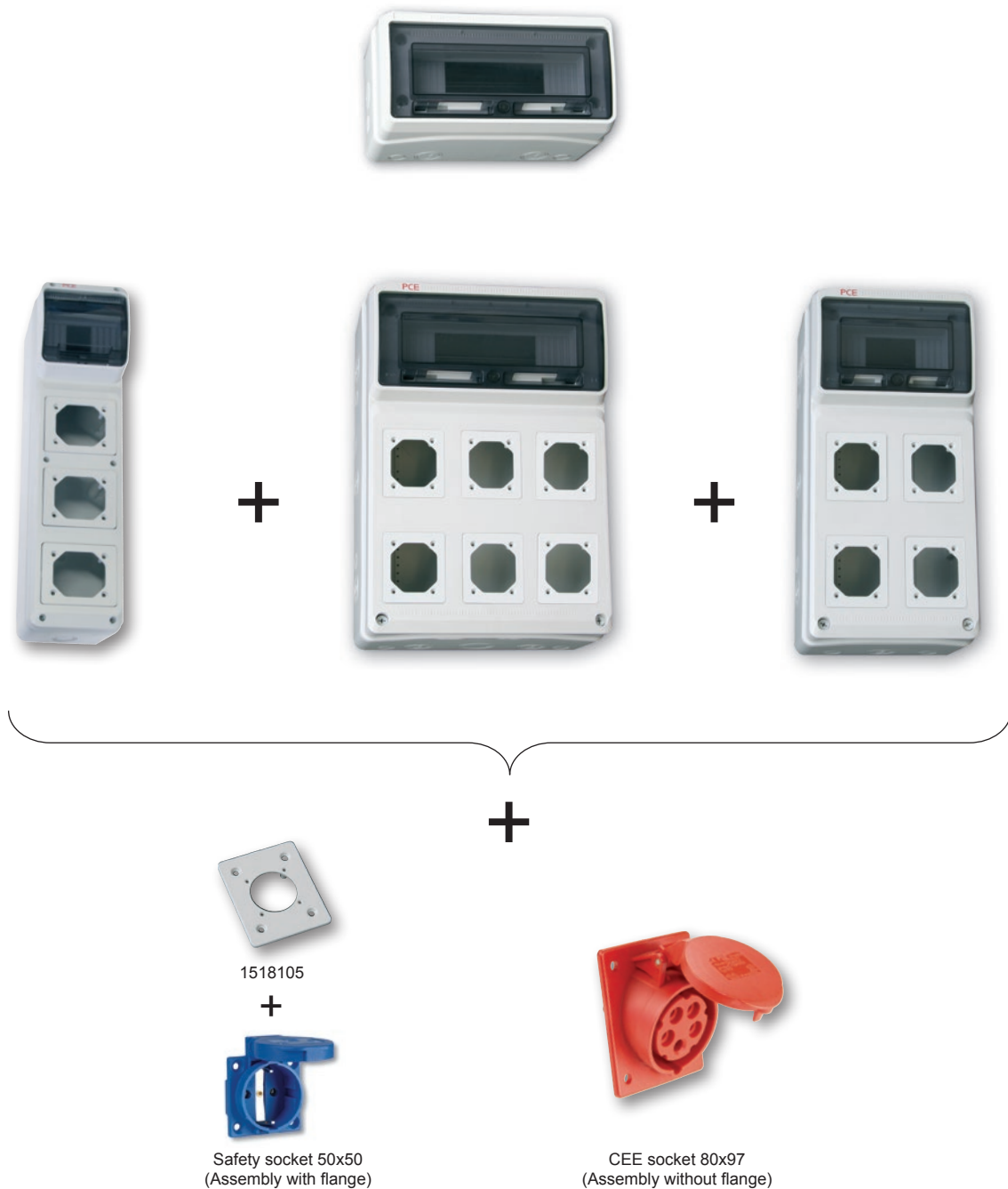
pack.unit: 4

# 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 13 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
- flanges (premounted) for sockets flange 70x85
- 1 blind flange
- 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
- 3 flanges premounted (for assembling sockets 70x85)
- without flange: for assembling sockets 16A 3p up to 32A 5p

For sockets and accessories see page 281!



**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
- 4 flanges premounted (for assembling sockets 70x85)
- without flange: for assembling sockets 16A 3p up to 32A 5p

For sockets and accessories see page 281!



**1518083**  
pack.unit: 6

### Series M-BOX 8E

- **dimensions:** HxWxD=506x230x150mm
- windows up to 8 modules



**1518082**  
pack.unit: 6

### Series M-BOX 13S

- **dimensions:** HxWxD=506x330x150mm
- windows up to 13 modules
- 6 perforations only for PCE sockets
- 6 flanges premounted (for assembling sockets 70x85)
- without flange: for assembling sockets 16A 3p up to 32A 5p

For sockets and accessories see page 281!



**1518133**  
pack.unit: 4

### Series M-BOX 13E

- **dimensions:** HxWxD=506x330x150mm
- windows up to 13 modules



**1518132**  
pack.unit: 4



## Thermoplastic insulated empty distribution box – wall mounting Series M-BOX

	16A 3p=6h 230V~	16A 4p=6h 400V~	16A 5p=6h 400V~	32A 3p=6h 230V~	32A 4p=6h 400V~	32A 5p=6h 400V~
	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.
IP44	413-6f8	414-6f8	415-6	423-6	424-6	425-6
IP67	4132-6f8	4142-6f8	4152-6f78	4232-6f78	4242-6f78	4252-6f78

Technical details and other clock positions see page 82-83

	Cat.No.	Cat.No.
rear connection	Austrian/ German system 1050-0b	Belgian/ French system 1040-0b
side connection	1050-0bs	1040-0bs

Special versions see page 150 to 159!



### Series M-BOX 13WH

- dimensions:  
WxHxD=180x330x150mm
- windows up to 13 modules (6 units are blinded)

**1518134**  
pack.unit: 12



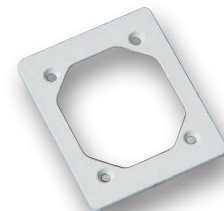
### Blind flange

**1518000**  
pack.unit: 6



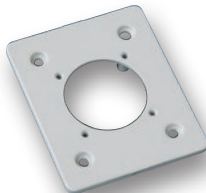
### Flange for sockets 70x85

**1518413**  
pack.unit: 6



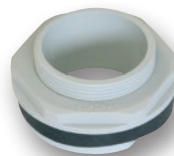
### Flange for safety sockets 50x50

**1518105**  
pack.unit: 6



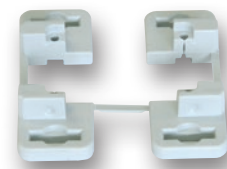
### Connecting device

**1518010**  
pack.unit: 10



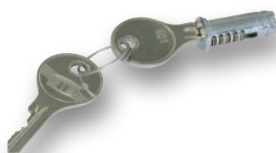
### Wall fixing center

**1518020**  
pack.unit: 10



### Metal lock for window

**1518030**  
pack.unit: 1



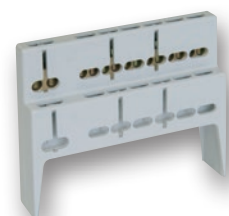
### Terminal block 14p

**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 **284**



## Imst

Dimensions: HxWxD = 197x197x120mm

Page **286**



## Freistadt

Page **288**



## Kombi

Page **288**

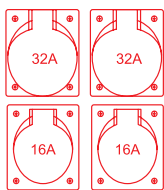


# Thermoplastic insulated distribution boxes – with suspension hook **Series PEGASUS**



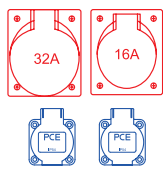
## Series PEGASUS, without fuse

- 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
- IP44 splashproof



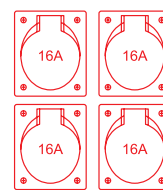
2 CEE-sockets 32A 5p 400V  
2 CEE-sockets 16A 5p 400V  
1 VC-terminal for CEE 32A  
1 VC-terminal for CEE 16A  
1xM32 on top, 1xM25 on top

**9033001**



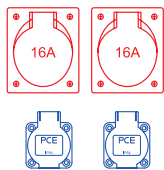
1 CEE-socket 32A 5p 400V  
1 CEE-socket 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V  
1 VC-terminal for CEE 32A  
1 VC-terminal for CEE 16A + socket (DIN 49440)  
1xM32 on top, 1xM25 on top

**9033002**



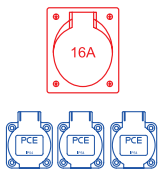
4 CEE-sockets 16A 5p 400V  
1 VC-terminal 5p  
1xM25 on top

**9033003**



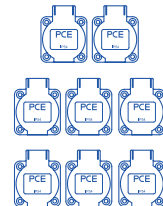
2 CEE-sockets 16A 5p 400V  
2 sockets (DIN 49440)  
16A 250V  
1 VC-terminal 5p for CEE  
1 VC-terminal 3p for socket (DIN 49440)  
1xM25 on top, 1xM20 on top

**9033004**



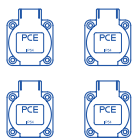
1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440)  
16A 250V  
1 VC-terminal 5p  
1xM25 on top

**9033005**



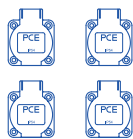
8 sockets (DIN 49440)  
16A 250V  
1 VC-terminal 5p (400V entry)  
1xM25 on top

**9033006**



4 sockets (DIN 49440)  
16A 250V  
1 VC-terminal 5p (400V entry)  
1 VC-terminal 3p (230V entry)  
1xM25 on top

**9033007**



4 sockets (DIN 49440)  
16A 250V  
1 VC-terminal 3p (230V entry)  
1 VC-terminal 5p (400V entry)  
1xM20 on top

**9033008**



### Accessories for suspended version:

- Pegasus suspension kit ( 4x)
- L=300mm

**9033-1**



## Empty distribution box PEGASUS

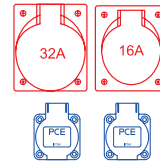
- housing
- 4 blind covers (side)
- 2 blind covers (top. Bottom) incl. screws
- 4 ring bolts – premounted
- 4 housing screws – loose
- Anchor handle incl. screws
- VC-rail (incl. holder and screws) for entry max. 5p

**9033999**

## Thermoplastic insulated distribution boxes – with suspension hook **Series PEGASUS**

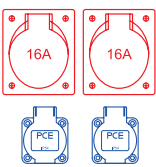
### Serie PEGASUS, with fuse

- 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
- IP44 splashproof



- 1 CEE-socket 32A 5p 400V
  - 1 CEE-socket 16A 5p 400V
  - 2 sockets (DIN 49440) 16A 250V
  - 1 MCB 16A 3p-C
  - 1 MCB 16A 1p-C
  - 1 VC-terminal 5p
- 1xM32 on top

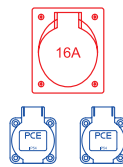
**9033030**



- 2 CEE-sockets 16A 5p 400V
- 2 sockets (DIN 49440) 16A 250V
- 1 MCB 16A 3p-C
- 1 MCB 16A 1p-C
- 1 VC-terminal 5p

1xM32 on top

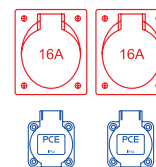
**9033031**



- 1 CEE-socket 16A 5p 400V
- 2 sockets (DIN 49440) 16A 250V
- 1 MCB 16A 3p-C
- 1 MCB 16A 1p-C
- 1 VC-terminal 5p

1xM32 on top

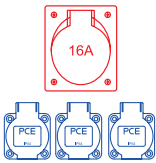
**9033032**



- 2 CEE-sockets 16A 5p 400V
- 2 sockets (DIN 49440) 16A 250V
- 1 RCD 40A/4/0,03A all outlets
- 1 VC-terminal 5p

1xM25 on top

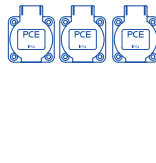
**9033050**



- 1 CEE-socket 16A 5p 400V
- 3 sockets (DIN 49440) 16A 250V
- 1 RCD 40A/4/0,03A all outlets
- 1 VC-terminal 5p

1xM25 on top

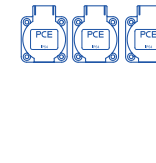
**9033051**



- 3 sockets (DIN 49440) 16A 250V
- 1 RCD 40A/4/0,03A all outlets
- 1 VC-terminal 5p (400V entry)

1xM25 on top

**9033052**



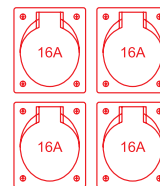
- 3 sockets (DIN 49440) 16A 250V
- 1 RCD 25A/2/0,03A all outlets
- 1 VC-terminal 3p (230V entry)

1xM20 on top

**9033053**

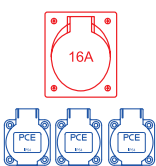
### Serie PEGASUS, without fuse quick-look air version

- 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)
- IP44 splashproof



- 4 CEE-sockets 16A 5p 400V
  - 1 VC-terminal 5p
  - 1 quick-look air coupling 2-fold nominal size 7,2mm
- 1xM25 on top

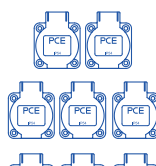
**9033070**



- 1 CEE-socket 16A 5p 400V
- 3 sockets (DIN 49440) 16A 250V
- 1 VC-terminal 5p
- 1 quick-look air coupling 2-fold nominal size 7,2mm

1xM25 on top

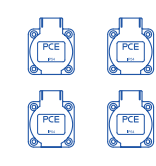
**9033071**



- 8 sockets (DIN 49440) 16A 250V
- 1 VC-terminal 5p (400V entry)
- 1 quick-look air coupling 2-fold nominal size 7,2mm

1xM20 on top

**9033072**



- 4 sockets (DIN 49440) 16A 250V
- 1 VC-terminal 3p (230V entry)
- 1 quick-look air coupling 2-fold nominal size 7,2mm

1xM20 on top

**9033073**





# Thermoplastic insulated distribution boxes – with suspension hook **Series IMST**

## Series IMST

- robust distribution box made of shock-resistant polyamide
- **dimensions: HxWxD = 197x197x120 mm**
- with hangers made of high-grade steel
- suitable for combinations of electricity and air
- maximum rated current of 32A
- up to 7 sockets
- window for up to 8 modules
- IP40, 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.



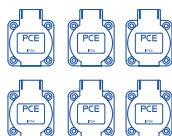
electricity



air / electricity

window for 6 modules

- Entry:** 1xM25 cable gland on top
- Outlet:** 6 sockets (DIN 49440) 16A 250V  
2 MCBs 16A 1p-C  
1 RCD 40A/4/0,03A  
1 terminal block 5p 10mm<sup>2</sup>



window for 8 modules

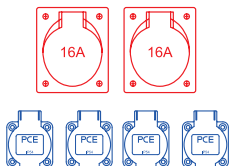
- Entry:** 1xM25 cable gland on top  
1 quick-look air coupling 2-fold NW 7,2mm
- Outlet:** 1 CEE-socket 16A 5p 400V  
4 sockets (DIN 49440) 16A 250V  
4 MCBs 16A 1p-C  
1 RCD 40A/4/0,03A for all outlets  
1 compressing air tube nominal size 7,2mm  
1 terminal block 5p 10mm<sup>2</sup>

9031598

9031022

window for 6 modules

- Entry:** 1xM25 cable gland on top
- Outlet:** 2 CEE-sockets 16A 5p 400V non-fused  
4 sockets (DIN 49440) 16A 250V  
2 MCBs 16A 1p-C  
1 RCD 40A/4/0,03A for all outlets  
1 terminal block 5p 10mm<sup>2</sup>



9031003

window for 6 modules

- Entry:** 1xM32 cable gland on top  
1 quick-look air coupling  
2-fold nominal size 7,2mm
- Outlet:** 1 CEE-socket 32A 5p 400V non-fused  
2 CEE-sockets 16A 5p 400V  
1 MCB 16A 3p-C  
2 sockets (DIN 49440) 16A 250V  
2 MCBs 16A 1p-C  
1 compressing air tube nominal size 7,2mm  
1 terminal block 5p 10mm<sup>2</sup>



9031132

window for 8 modules

- Entry:** 1xM32 cable gland on top  
1 quick-look air coupling  
2-fold nominal size 7,2mm
- Outlet:** 1 CEE-socket 32A 5p 400V non-fused  
2 CEE-sockets 16A 5p 400V  
1 MCB 16A 3p-C  
2 sockets (DIN 49440) 16A 250V  
1 MCB 16A 1p-C  
1 RCD 63A/4/0,03A for all outlets  
1 compressing air tube nominal size 7,2mm  
1 terminal block 5p 10mm<sup>2</sup>

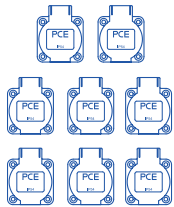
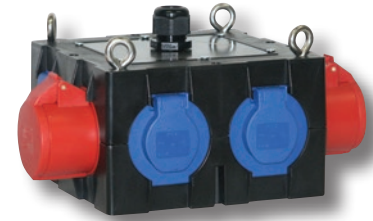


9031122

## Thermoplastic insulated distribution boxes – with suspension hook **Series IMST**

### Series IMST

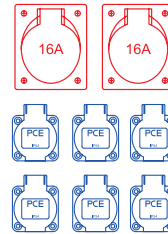
- robust distribution box made of shock-resistant polyamide
- **dimensions: HxWxD = 120x197x197 mm**
- with 4 ring-bolts
- suitable for combinations of electricity and air
- maximum rated current of 32A
- up to 7 sockets
- window for up to 8 modules
- IP40, ready wired for connection
- for distributing electricity to powered equipment or lighting systems on building sites
- ideal for craft business, the building trades, farmers, etc.



non-fused

**Entry:**  
1xM25 cable gland on top

**Outlet:**  
8 sockets (DIN 49440) 16A 250V  
1 terminal block 5p 10mm<sup>2</sup>



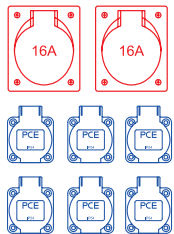
non-fused

**Entry:**  
1xM25 cable gland on top

**Outlet:**  
2 CEE-sockets 16A 5p 400V  
6 sockets (DIN 49440) 16A 250V  
1 terminal block 5p 10mm<sup>2</sup>

**9032009**

**9032010**



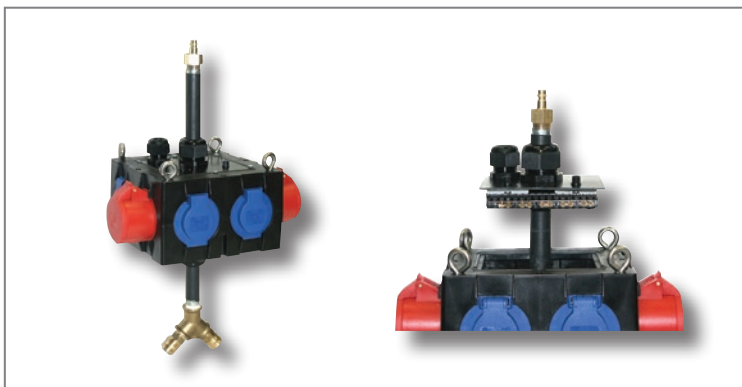
without window, with 4 ring-bolts

**Entry:**  
1xM25 cable gland on top  
1 quick-lock air coupling  
2-fold nominal size 7,2mm

**Outlet:**  
2 CEE-sockets 16A 5p 400V  
non-fused  
6 sockets (DIN 49440) 16A 250V  
non-fused  
1 compressing air tube nominal size 7,2mm  
1 terminal block 5p 10mm<sup>2</sup>

**9032011**

### Variations



## Solid rubber distribution boxes – with suspension hook



Freistadt

### Solid-rubber distribution box with hook handles an mounting mechanism

**Entry:** 1xM20 cable gland on top  
**Outlet:** 1 CEE-socket 16A 5p 400V  
3 sockets (DIN 49440) 16A 250V

9848251

### Solid-rubber distribution box with hook handles an mounting mechanism

**Entry:** 1xM20 cable gland on top  
**Outlet:** 2 CEE-sockets 16A 5p 400V  
2 sockets (DIN 49440) 16A 250V

9848250




## ■ 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





## PILA<sup>1</sup> Energy pillars – aluminium


### ■ Pillar: aluminium profile MS 300

- Aluminium profile (side-, front- and back wall)
- Top and bottom plate made out of machined aluminium
- Individual heights possible

#### Technical data pillar:

- Dimensions: (H x W x D) 1210/1330 x 300 x 175 mm
- Stand: 360 x 325 mm (fixing center 330 x 295 mm)
- High durable aluminium - seawater resistant
- Colour: silver anodised
- Other versions on request

#### Technical data distribution box (integrated):

- Thermoplastic enclosure PC/ABS
- 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= 1330mm

Height: H= 1210mm



9080001



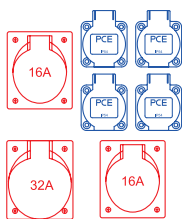
9080002



9080003

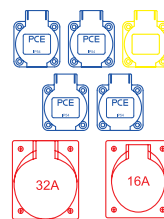


9080005



- 1 x CEE-socket 32A 5p 400V
- 2 x CEE-socket 16A 5p 400V
- 4 x safety socket 16A 250V
- 1 x MCB 32A 3p C
- 2 x MCB 16A 3p C
- 4 x MCB 16A 1p C
- 1 x RCD 63/4/0,03A
- 1 x M40 bottom

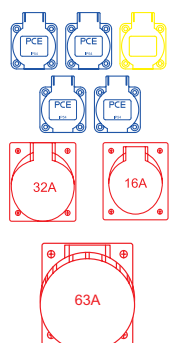
**9080001**



- 1 x CEE-socket 32A 5p 400V
- 1 x CEE-socket 16A 5p 400V
- 4 x safety socket 16A 250V
- 1 x CAT6 socket (double)
- 1 x MCB 32A 3p C
- 1 x MCB 16A 3p C
- 4 x MCB 16A 1p C
- 1 x RCD 63/4/0,03A

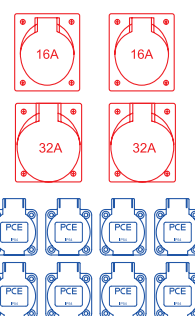
1 x M40 bottom, 1 x M16 bottom

**9080002**



- 1 x CEE-socket 63A 5p 400V
- 1 x CEE-socket 32A 5p 400V
- 1 x CEE-socket 16A 5p 400V
- 4 x safety socket 16A 250V
- 1 x CAT6 socket (double)
- 1 x MCB 63A 3p C
- 1 x MCB 32A 3p C
- 1 x MCB 16A 3p C
- 4 x MCB 16A 1p C
- 2 x RCD 63/4/0,03A
- 1 x M40 bottom, 1 x M16 bottom

**9080003**



- 2 x CEE-socket 32A 5p 400V
- 2 x CEE-socket 16A 5p 400V
- 8 x safety socket 16A 250V
- 2 x MCB 32A 3p C
- 2 x MCB 16A 3p C
- 4 x MCB 16A 1p C
- 2 x RCD 63/4/0,03A

1 x M40 bottom

**9080005**




■ **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)  
Topo cover red (RAL 3000 powder coated)  
Front plate: aluminium silver anodized

**Technical data distribution box (integrated):**

- Rubber distribution box
- Ready wired on main terminal
- Fuse window self closing
-  protection class II
- Ingress protection: IP54 (others in request)



Height: H= 1200mm



9081001



9081002

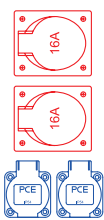


9081003

Height: H= 750mm

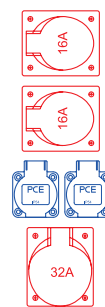


9081802



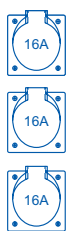
- 2 x CEE-socket 16A 5p 400V
- 2 x safety socket 16A 250V
- 1 x RCD 40/4/0,03A
- 1 x M25 bottom

**9081001**



- 1 x CEE-socket 32A 5p 400V
- 2 x CEE-socket 16A 5p 400V
- 2 x safety socket 16A 250V
- 1 x MCB 16A 3p C
- 2 x MCB 16A 1p C
- 1 x RCD 63/4/0,03A
- 1 x M32 bottom

**9081002**



- 3 x CEE-socket 16A 3p 230V
- 3 x RCBO 16A 1p+N 0,03A C
- 1 x M25 bottom

**9081003**



- 1 x Design CEE-socket 16A 5p 400V
- 2 x Design - safety socket 16A 250V
- Design-sockets lockable
- 1 x M25 bottom
- Protecton: IP44

**9081802**

## PILA<sup>1</sup> Energy pillars

### ■ Pillar: Stainless steel or sheet metal powder coated

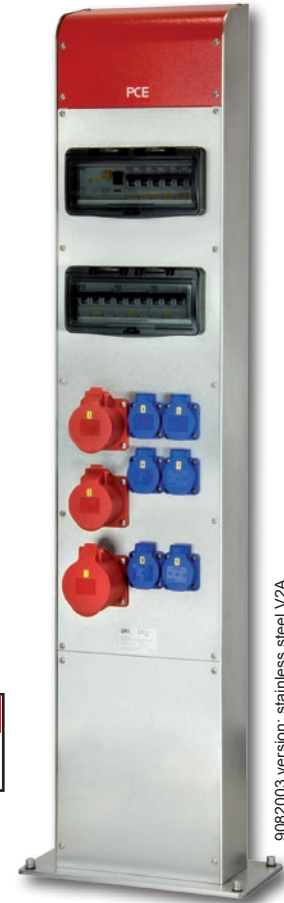
- Pillar made out of V2A stainless steel or steel sheet powder coated
- Individual heights possible

#### 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):

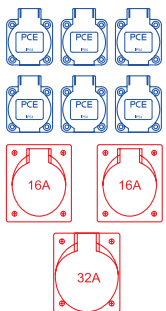
- Rubber distribution box
- Ready wired on main terminal
- Fuse window self closing
- protection class II
- Ingress protection: IP54 (others in request)



9082003 version: stainless steel V2A

**EPS**  
ENCLOSURE  
PROTECTION  
SYSTEM  
**IP54**

Height: H= 1200mm



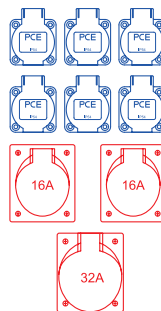
1 x CEE-socket 32A 5p 400V  
2 x CEE-socket 16A 5p 400V  
6 x safety socket 16A 250V

1 x MCB 32A 3p C  
2 x MCB 16A 3p C  
6 x MCB 16A 1p C  
1 x RCD 63/4/0,03A

1 x M32 bottom

Version: stainless steel V2A

**9082003**



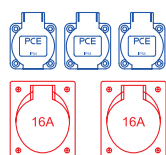
1 x CEE-socket 32A 5p 400V  
2 x CEE-socket 16A 5p 400V  
6 x safety socket 16A 250V

1 x MCB 32A 3p C  
2 x MCB 16A 3p C  
6 x MCB 16A 1p C  
1 x RCD 63/4/0,03A

1 x M32 bottom

Version: steel sheet powder coated (RAL 7016)

**9082001**



2 x CEE-socket 16A 5p 400V  
3 x safety socket 16A 250V

1 x MCB 16A 3p C  
3 x MCB 16A 1p C  
1 x RCD 40/4/0,03A

1 x M32 bottom

Version: steel sheet powder coated (RAL 7016)

**9082002**





# MOSER SYSTEMELEKTRIK

## Your partner for modern and sustainable connection technology in the range of indoor and outdoor

For more than 40 years MOSER 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 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 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, sockets with earth contact and plugs 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 profil, silver anodized

Example:	Cat.No.
MS10, 100x50x300, IP44, unequipped, incl. stand	70300196
MS10, 100x50x500, IP44, unequipped, incl. stand	70500197



## Garden supply 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 profil, silver anodized

Example:	Cat.No.
MS18, 180x100x1400, IP44, unequipped, incl. stand	61400135
MS18, 180x100x1400, IP44, unequipped, incl. stand and LED lid	71400139



## 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)

**Optionen:** Light (LED lid for orientation, or regular surrounding light)

**Technical data:**

Technical data: Ø 120 x 500/800/1150 mm, IP44  
Material, colour: aluminium profil, silver anodized

Example:	Cat.No.
MSR12, Ø120x800, IP44, unequipped, incl. stand and LED lid	80800072



## Garden supply 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.

**Optionen:** 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 profil, silver anodized

Example:	Cat.No.
MSR20, Ø200x1400, IP44, unequipped, incl. stand	51400159
MSR20, Ø200x1400, IP44, unequipped, incl. stand and LED lid	61400163





## 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-flitted base plate, profiled side panels, screw-on cover, separating rail including a C-rail and a top hat rail for mounting terminals and strain relief, equipotential bonding terminal, 2 device plates.

Mounting possibilities: Directly on the floor with a base plate. MS10, MSR12 and MS15 can be mounted with an optional integrated flush floor socket to be removable and flexible.

#### Technical Data:

Dimensions:	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		

### 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



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 500/660/800/1000 mm, IP44  
 Material, colour: aluminium profil, silver anodized

Example:	Cat.No.
MS15, window 6 units, 2x safety sockets protected with 2xMCB 16A 1p C, 1xCEE 16A 5p 400V protected with 1xMCB 16A 3p C, 1x compressed air connector, 150x100x670 mm, incl. stand	60667031
MS15, window 6 units, 2x safety sockets protected with 2xMCB 16A 1p C, 1xCEE 16A 5p 400V protected with 1xMCB 16A 3p C, 1xCEE 32A 5p 400V protected with 1xMCB 32A 3p C, 1x compressed air connector, 150x100x1000 mm, incl. stand	60997032



## 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!

# Clean room technology



Cleanrooms and laboratories use many technical devices and modern technology which have not been used a few years ago. It is usually difficult to enable the supply of the working places in an adequate way afterward. This comprises not only the current supply, but rather the supply of air pressure or data sockets.

The MOSER connection columns made out of anodized aluminum enable an extremely efficient and cost-saving solution. Furthermore these columns convince with their outstanding features. Especially the application in the production of microelectronics is an approved method as the supply of electrical connection for big production areas and for single working places is requested. As simple wall ducts are not advisable, a special solution for this problem is long-needed necessary. Therefore we have certified the existing connection columns for the application in cleanrooms and convince now as a competent partner in the professional fitting of cleanrooms. According to ISO 14644-1 the possible application in cleanrooms (air purity class 1) has been confirmed with the IPA-certificate by the Fraunhofer Institute.

As they can be cleaned and disinfected without problems, they fulfill all requirements of a hygienic design. Furthermore the ceiling suspension supports a low turbulence displacement flow and enables an application in Laminar-Flow-Units.



**Fraunhofer**  
**TESTED<sup>®</sup>**  
**DEVICE**  
 Moser Systemechnik  
 MSD10  
 Report No. MO 0912-499

DUPLIKAT

**Qualifizierungskunde**  
 Dieses wird bescheinigt, dass für unten genanntes Produkt, untersucht im Auftrag der Firma  
**Moser Systemechnik**  
 Erlangen 1  
 78341 Schönbühl  
 die Fraunhofer-Zertifikat TESTED DEVICE Nummer MO 0912-499  
 zugebilligt wurde.  
 Die Deklarationskategorie MSD10 ist geeignet, um in Reinräumen  
 der Luftreinheitsklasse 1 gemäß ISO 14644-1 eingesetzt zu  
 werden.  
 Zusätzliche Informationen sowie bei Änderungen der Prüfumgebung  
 entnehmen Sie bitte dem Prüfbericht des Fraunhofer IPA.  
 Die Gültigkeit dieser Bescheinigung beschränkt sich ausschließlich auf  
 oben genanntes Produkt in unversehrtem Form.  
 Weitere Informationen: [www.ipa.qualifkunder.com](http://www.ipa.qualifkunder.com)  
 Stuttgart, den 15. Dezember 2009





# Retractable connection technology

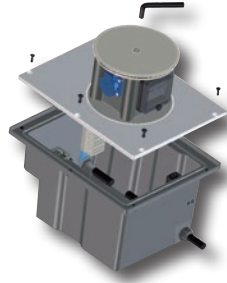


## Underground connection: TerraMo

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:	IP44
Total weight:	11 kg
Dimensions (HxWxD):	303 x 390 x 310 mm
Install. depth, extendible height:	303 mm, 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:

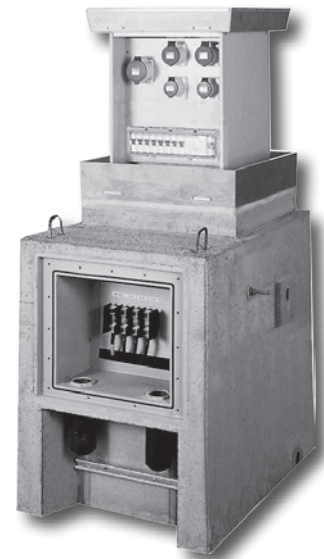
Concrete pit with integrated drainage, cable feed-throughs and cable terminal boxes, corrosion-proof aluminium pit insert, supply tower with pit cover of cast aluminium suitable for paving, electrical device modules and hand crank.

Options: Water supply or other energy sources

### Technical data: (general)

IP-rating:	IP44 (IP67)
Protection degree:	Earth conductor, protection class 1
Rated power:	up to 130 kW
Load capacity of cover:	up to 40 ton point load

Please ask for detailed technical documentation!



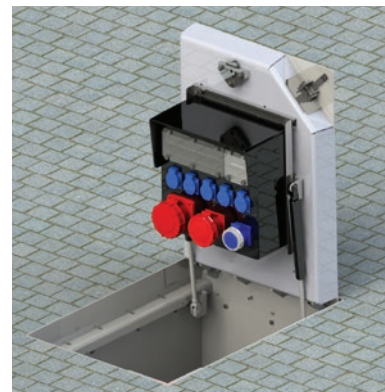
## Underground connection with lid: series SEK

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)	IP54 (others on request)
Load capacity of lid:	up to 40 tons



Individual equipment and heights on request!

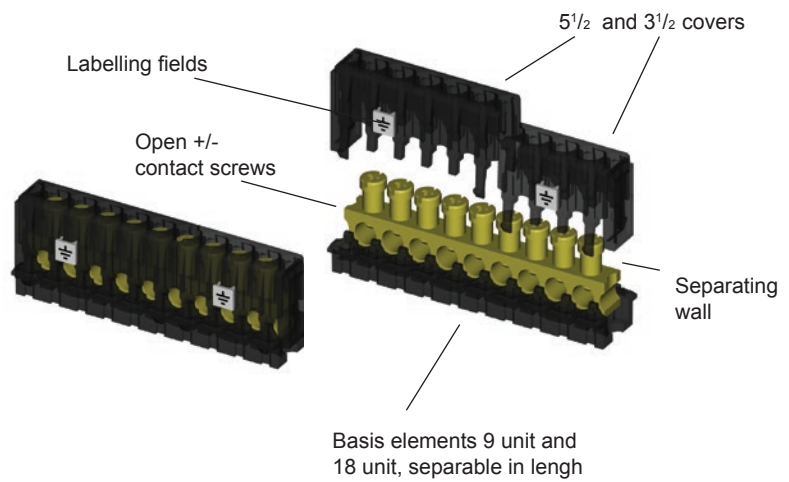
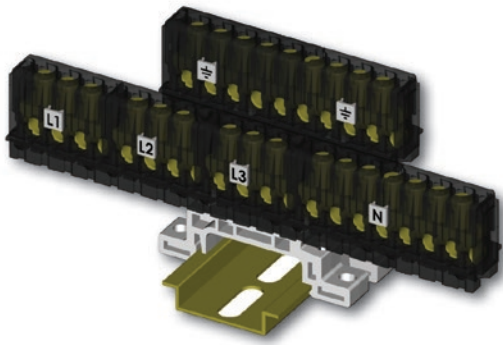


# Vario Connector – variable connector block

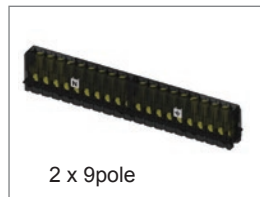
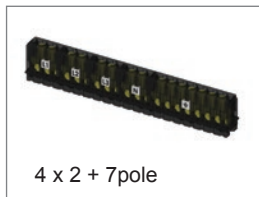
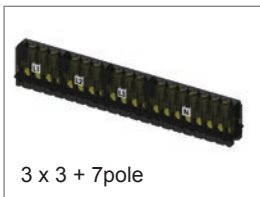
For use in distribution boxes and cabinets, applicable as connecting terminal and intermediate terminal.

## Advantages:

- modular construction
- connection of various potentials
- variable fixing possibilities
- EN 60998-2-1
- connection to 16mm<sup>2</sup>
- isolation voltage 450V
- IP20

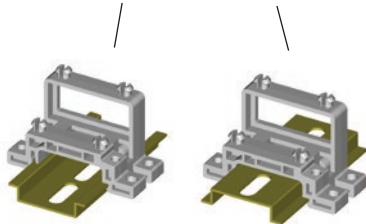


## Examples of application:



## Mounting possibilities:

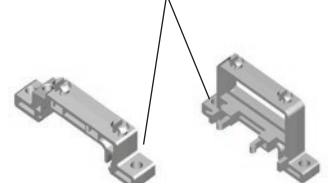
Receptors for DIN-rail 35mm  
above or below



Cross- or length-wise assembly on DIN rail 35mm



Screwable

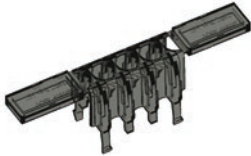




# Vario Connector overview

## Cover

packaging unit: 50



Terminal VC Cover 3.5  
667235-50



Terminal VC Cover 5.5  
667255-50



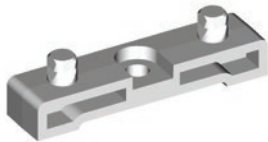
Terminal VC Basis 9  
667109-50



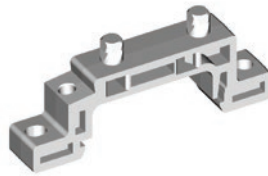
Terminal VC Basis 19  
667119-50

## Holder

packaging unit: 50



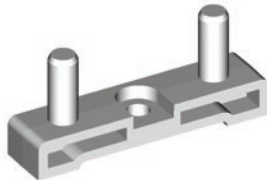
Terminal VC Holder Snap 7  
667307-50



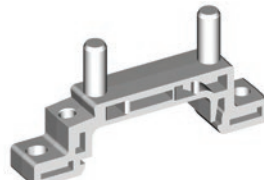
Terminal VC Holder Snap 16  
667316-50  
(screw 3,0x10) for DIN-rail  
fixing 201803-1000



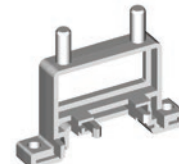
Terminal VC Holder Snap 34  
667334-50



Terminal VC Holder Pin 7  
667407-50



Terminal VC Holder Pin 16  
667416-50  
(screw 3,0x10) for DIN-rail  
fixing 201803-1000



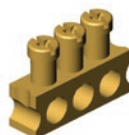
Terminal VC Holder Pin 34  
667434-50

## Bar Rail

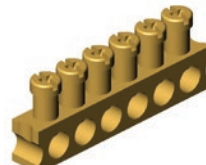
packaging unit: 20



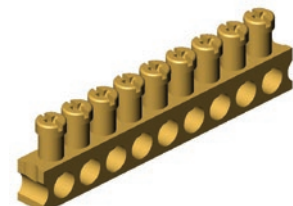
Terminal VC Bar Rail 2p  
171402-20



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.



# 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

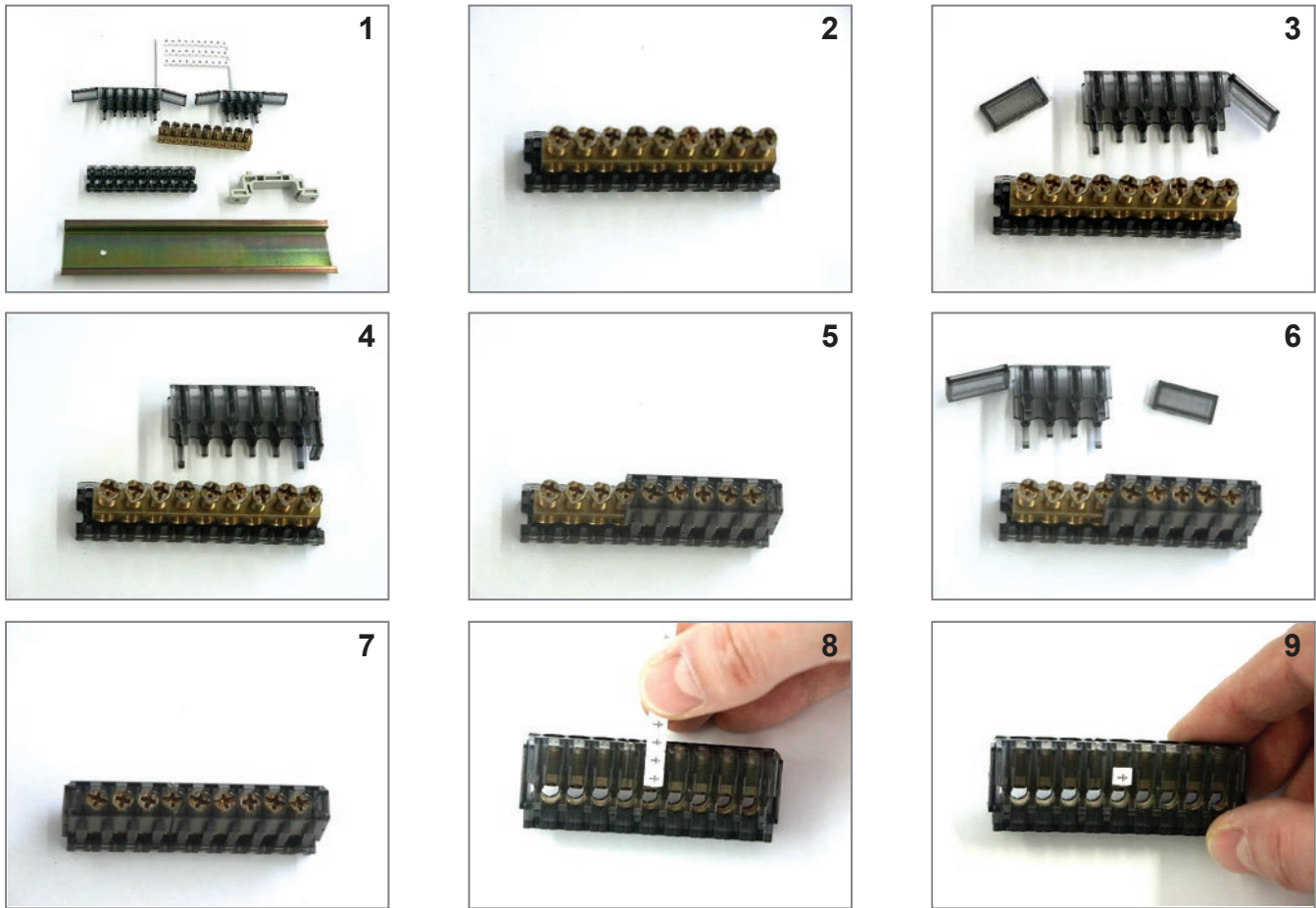


Terminal VC complete 5x3p

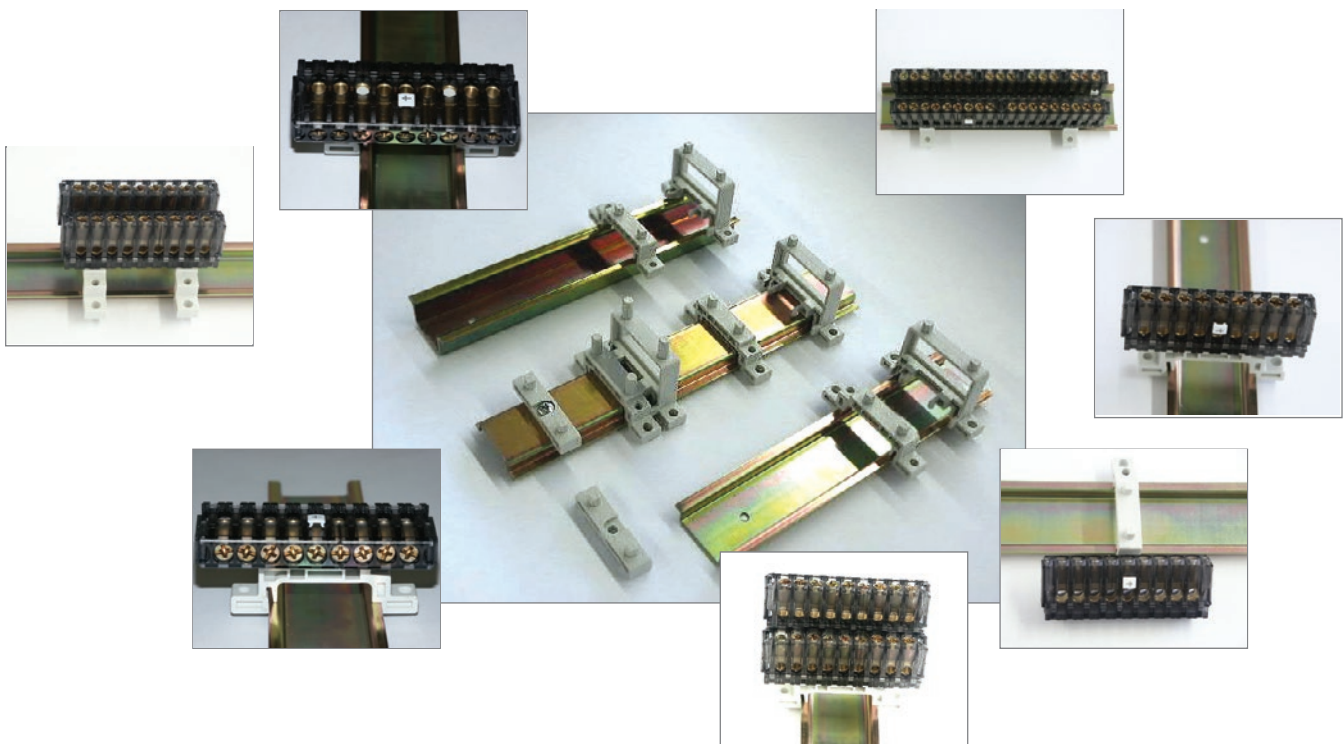
**667119-5/3**

Pack. unit: 200

## Vario Connector example with basis 9



## Vario Connector examples

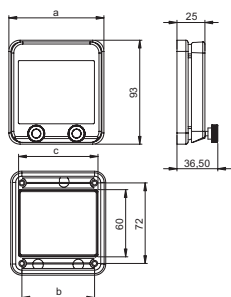


# Hinged windows – fuse window IP66/67



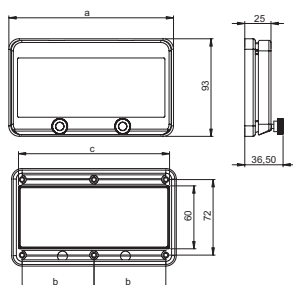
## Technical characteristics:

- 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)
- **intermediate sizes on request!**
- mounting frame made of shock-resistant polycarbonate with integrated gasket for flange mounting
- all metal parts corrosion-resistant
- IP66/67 watertight



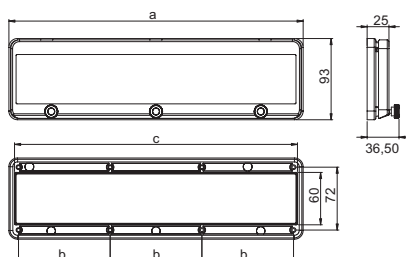
## Hinged window 2 / 4 modules

	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

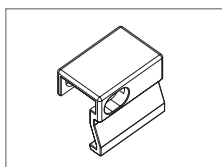


## Hinged window 18 modules

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

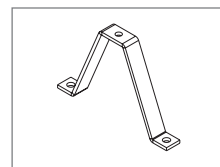
## Accessories for IP66/67:

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

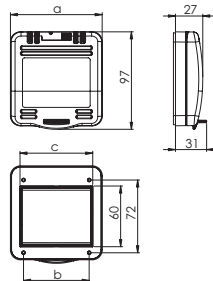


window handle **ti0207**



## Hinged window 4 modules

	a [mm]	b [mm]	c [mm]	Weight [g]	pack.unit	Cat.No.
4 modules	92	65	72	97	30	<b>9006504</b>



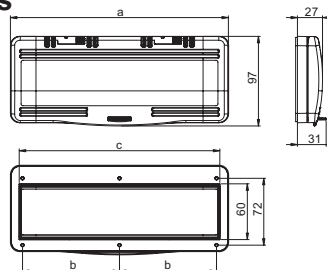
Delivery: incl. window holder (standard colour: black)  
Also possible to order separately



**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>



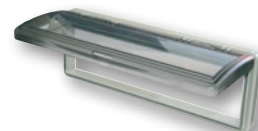
Examples of use for window holder:



for fit-up aid



receptacle - padlock



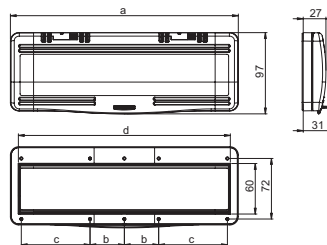
window holder for service works 90°



window holder for service works 180°

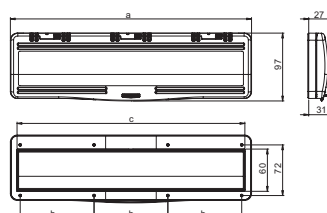
## Hinged window 13 / 14 modules

	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

	a [mm]	b [mm]	c [mm]	Weight [g]	pack.unit	Cat.No.
18 modules	344	105	324	299	10	<b>9006518</b>





## Index by product catalog number

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013-10	21	0172-7v	129	025-9	21	044-9	23	083-2v	117	1050-0ss	203
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0132-10	21	017-4v	129	0272-4v	129	045-2	23	083-4v	117	105-0b	151
0132-2	21	017-6v	129	0272-6v	129	045-4	23	092-10v	117	105-0bc	151
0132-4	21	017-7v	129	0272-7v	129	045-6	23	092-11v	117	105-0bs	151
0132-4TT	21	017-9v	129	0272-9v	129	045-6xs	197	092-12v	117	105-0bsc	151
0132-6	21	023-10	21	027-4v	129	045-7	23	0922-10v	117	105-0bw	153
0132-6TT	21	023-2	21	027-6v	129	045-9	23	0922-11v	117	105-7b	151
0132-7	21	0232-10	21	027-7v	129	0473361044-500	301	0922-12v	117	105-7bc	151
0132-9	21	0232-2	21	027-9v	129	05018	173	0922-2v	117	105-7bs	151
0132961034-500	301	0232-4	21	02958	173	05021	173	0922-3v	117	105-7bsc	151
0132-9TT	21	0232-4TT	21	02974	173	05034	173	0922-4v	117	105-7bw	153
013-4	21	0232-6	21	02980	173	05040	173	092-2v	117	10584-0wsc	151
013-4TT	21	0232-6TT	21	033-10	23	0511-s	169	092-3v	117	105-8b	151
013-6	21	0232-7	21	0331-10	23	0512-s	169	092-4v	117	105-8bc	151
013-6	142	0232-9	21	0331-2	23	05148	173	093-10v	117	105-8bs	151
013-6TT	21	0232-9TT	21	0331-4	23	05164	173	093-11v	117	105-8bsc	151
013-6TTx	197	023-4	21	0331-6	23	05177	173	093-12v	117	105-8bw	153
013-6x	197	023-4TT	21	0331-7	23	05180	173	0932-10v	117	106-0	159
013-7	21	023-6	21	0331-9	23	0521-s	169	0932-11v	117	106-0g	159
013-9	21	023-6TT	21	033-2	23	0522-s	169	0932-12v	117	108-0b	155
013-9TT	21	023-6TTx	197	033-4	23	0531-s	169	0932-2v	117	108-0bc	155
014-10	21	023-6x	197	033-6	23	0532-s	169	0932-3v	117	108-7b	155
014-2	21	023-7	21	033-6xs	197	05622-s	176	0932-4v	117	108-7bc	155
0142-10	21	023-9	21	033-7	23	05622-ss	204	093-2v	117	108-8b	155
0142-2	21	023-9TT	21	033-9	23	05811-s	169	093-3v	117	108-8bc	155
0142-4	21	024-10	21	034-10	23	05812-s	169	093-4v	117	109-0b	151
0142-4TT	21	024-2	21	0341-10	23	05821-s	169	1013-0b	157	109-0bc	151
0142-6	21	0242-10	21	0341-2	23	05822-s	169	1020-0s	157	109-0bw	153
0142-6TT	21	0242-2	21	0341-4	23	05831-s	169	1020-0s	203	109-7b	151
0142-7	21	0242-3v	138	0341-6	23	05832-s	169	1020-5s	157	109-7bc	151
0142-9	21	0242-4	21	0341-7	23	0622v	117	1020-5s	203	109-7bw	153
0142-9TT	21	0242-4TT	21	0341-9	23	062v	117	1023011	193	109-8b	151
014-4	21	0242-6	21	034-2	23	0632v	117	1023012	193	109-8bc	151
014-4TT	21	0242-6TT	21	034-4	23	063v	117	1023-0bs	157	109-8bw	153
014-6	21	0242-7	21	034-6	23	0722v	117	1025-0r	157	113-10	59
014-6TT	21	0242-9	21	034-6xs	197	072v	117	1030-0b	157	113-10k	59
014-6TTx	197	0242-9TT	21	034-7	23	0732v	117	1030-0s	157	113-2	59
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## Request form for PCE distribution boxes

Request for  pcs. PCE distribution boxes:

<b>Customer/Customer#</b>	<input type="text"/>	Request number	<input type="text"/>
Building project:	<input type="text"/>	Project number:	<input type="text"/>

### 1. Enclosure version:

<b>Enclosure type:</b>	<input checked="" type="checkbox"/> Wall mounted	<input checked="" type="checkbox"/> Mobile	<input checked="" type="checkbox"/> Hanging distribution
<b>Enclosure material:</b>	<input checked="" type="checkbox"/> Rubber	<input checked="" type="checkbox"/> Plastic	
<b>Protection degree:</b>	<input checked="" type="checkbox"/> IP54	<input checked="" type="checkbox"/> IP67	Enclosure type (if known): <input type="text"/>

### 2. Connection:

<b>Wall-/Hangig distribution</b>	<input checked="" type="checkbox"/> Supply from top	<input checked="" type="checkbox"/> Supply from bottom					
Cable entry:	<input type="checkbox"/> M16	<input type="checkbox"/> M20	<input type="checkbox"/> M25	<input type="checkbox"/> M32	<input type="checkbox"/> M40	<input type="checkbox"/> M50	<input type="checkbox"/> M63
Main terminal (mm <sup>2</sup> ):	<input type="text"/>	<input checked="" type="checkbox"/> Wiring through					
<b>Mobile distribution:</b>	<input checked="" type="checkbox"/> Flanged plug	<input type="text"/>					
	<input checked="" type="checkbox"/> Cable entry	<input type="checkbox"/> (m) Cable with plug	Cable type: <input type="text"/>				

### 3. Equipment / protection:

Type of sockets:			Miniature circuit breaker (MCB):				Neozed:		others:
Qty.	Type / Amp. / Poles / Voltage	Qty.	A/poles	Type		Qty.	Size		
<input type="checkbox"/>	Safety socket 16A 2p+PE 250V	<input type="checkbox"/>	16A 1p	<input checked="" type="checkbox"/>	B	<input checked="" type="checkbox"/>	C	<input type="checkbox"/>	D01 / 1p
<input type="checkbox"/>	CEE 16A 3p 230V	<input type="checkbox"/>	16A 1p	<input checked="" type="checkbox"/>	B	<input checked="" type="checkbox"/>	C	<input type="checkbox"/>	D01 / 1p
<input type="checkbox"/>	CEE 16A 5p 400V	<input type="checkbox"/>	16A 3p	<input checked="" type="checkbox"/>	B	<input checked="" type="checkbox"/>	C	<input type="checkbox"/>	D01 / 3p
<input type="checkbox"/>	CEE 32A 5p 400V	<input type="checkbox"/>	32A 3p	<input checked="" type="checkbox"/>	B	<input checked="" type="checkbox"/>	C	<input type="checkbox"/>	D02 / 3p
<input type="checkbox"/>	CEE 63A 5p 400V	<input type="checkbox"/>	63A 3p	<input checked="" type="checkbox"/>	B	<input checked="" type="checkbox"/>	C	<input type="checkbox"/>	D02 / 3p
<input type="checkbox"/>	CEE 16A 2p 24V								
<input type="checkbox"/>	CEE 16A 2p 42V								

<b>Residual current protective device (RCD)</b>	<input type="checkbox"/> 25A 2p 0,03A	<input type="checkbox"/> 40A 4p 0,03A	<input type="checkbox"/> 63A 4p 0,03A
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**Remark/Others:**

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# PCE ONLINE



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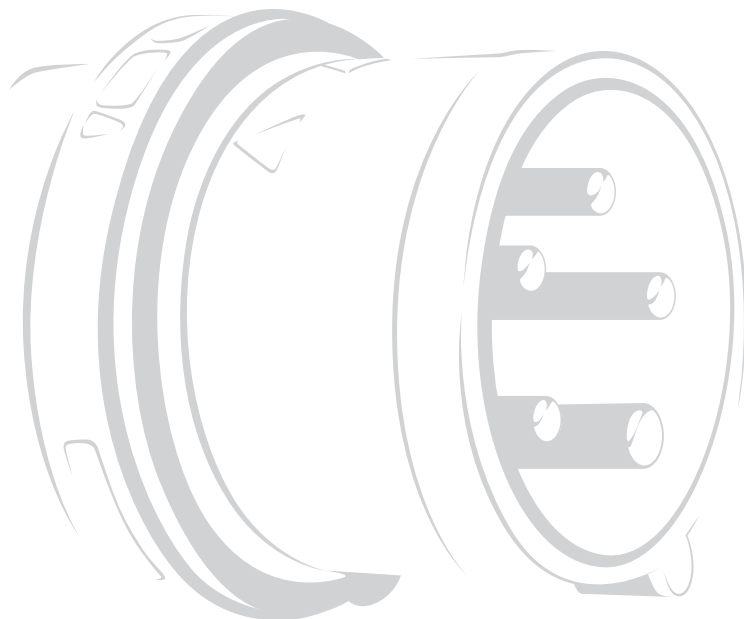
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