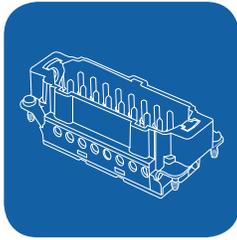


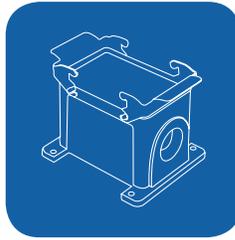


CONTENTS



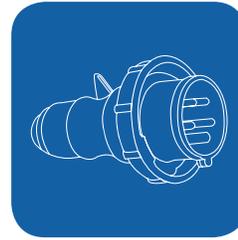
METE CON
INSERTS

03



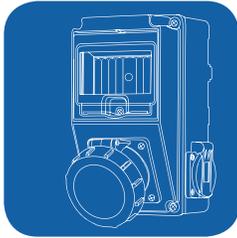
METE CON
HOODS & HOUSINGS

21



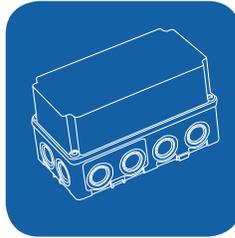
METE GEE

33



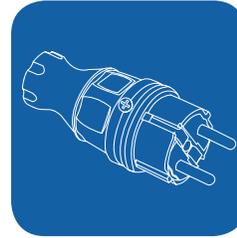
METE COMBINATION

55



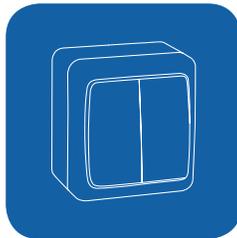
METE BOX

63



METE SOLID

81



METE AQUA

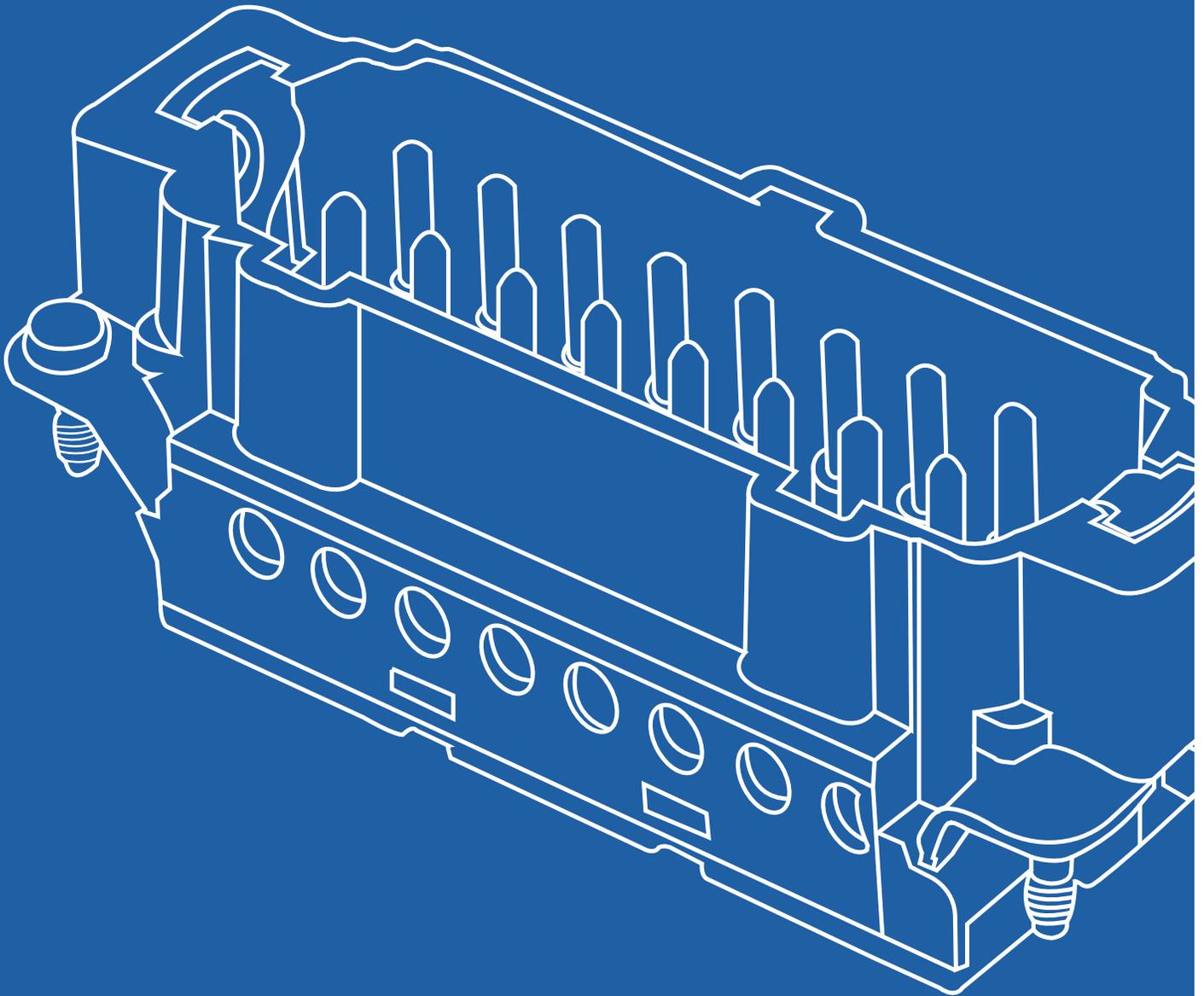
89

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www.mete-enerji.com.tr



METECON[®]
heavy duty connectors

***HEAVY DUTY
CONNECTORS
INSERTS***



We are pleased to announce the launch of our new, one of the most detailed product range based websites about heavy duty connectors.

www.metecon.com.tr

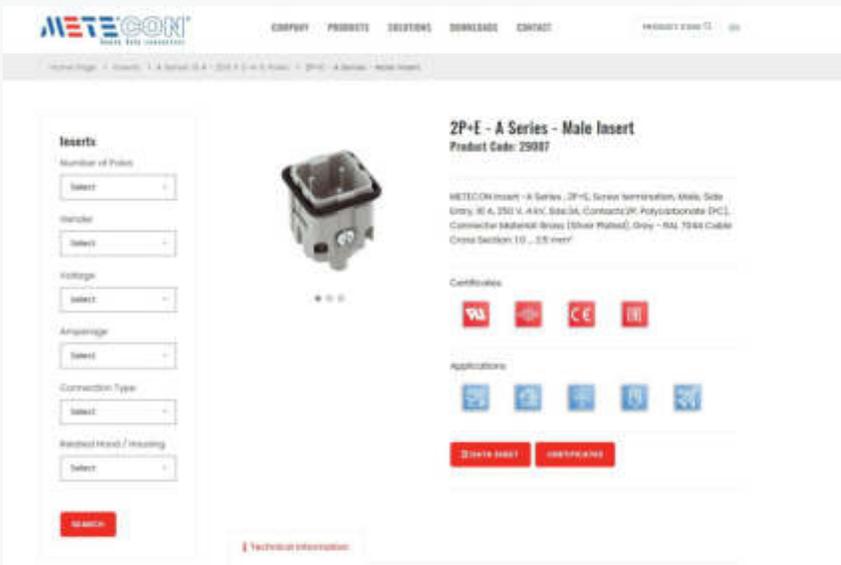
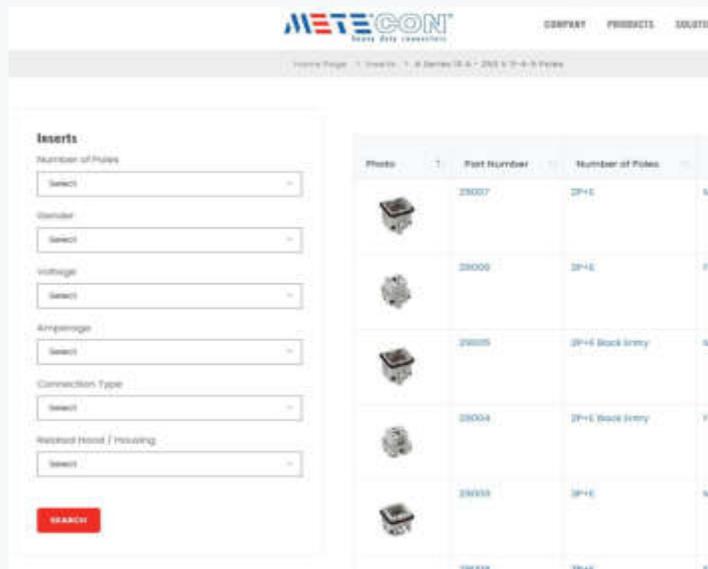
www.metecon.com.tr
is online



20 years www.mete-enerji.com.tr



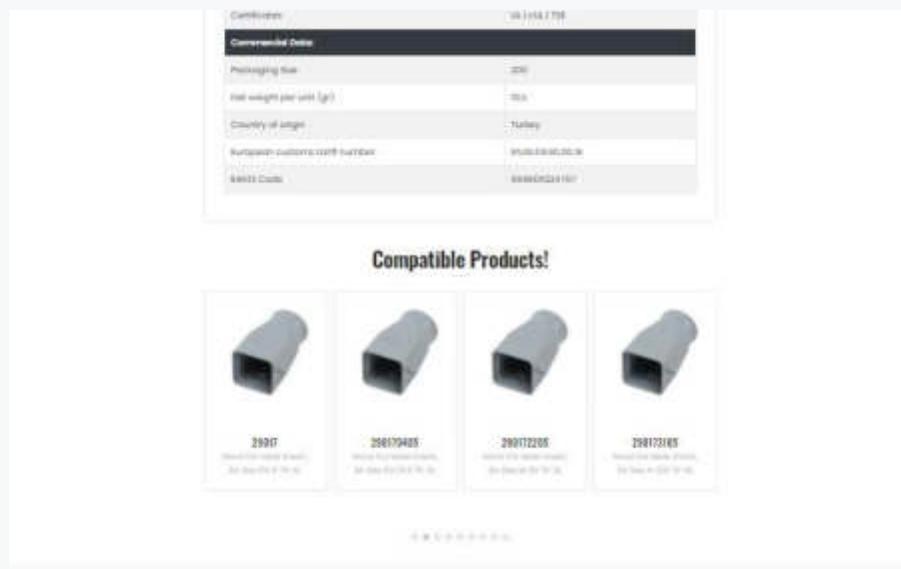
Product Search Option
According To;
Detailed Technical Specifications



Deatiled Product Page
- Certificates
- Application Areas
- Technical Datasheet
- Technical Specifications

Listing Option For
Compatible Products.

- Compatible products for Inserts
- Compatible products for Hoods & Housings.



INSERTS	A Series	E Series	HSB Series	K Series	EE Series	DD Series
Number of Contacts	2, 3, 4, 10, 16, 32P+E	6, 10, 16, 24, 32, 48P+E	6, 12P+E	4/0, 4/2, 4/8	10P+E	40, 64P+E
Current	10A	16A	35A	80A, 80/16A	16A	10A
Voltage	220 - 240 V	400 V	400 / 690 V		400 V	250 V
Operating Voltage	4 kV	6 kV			4 kV	6 kV
Pollution Degree		3		3	3	3
Insulation Resistance		$\geq 10^{10} \Omega$				
Material	PC %10 GF	PBT %30 GF	PC			
Temperature Range		- 40 °C / + 120 °C				
Flammability		V0				
Mechanical Working Life		≥ 500				

CONTACTS

Material	Brass
Silver Thickness	3 µm Ag
Contact Resistance	$\leq 1 \text{ m} \Omega$

Screw Connection

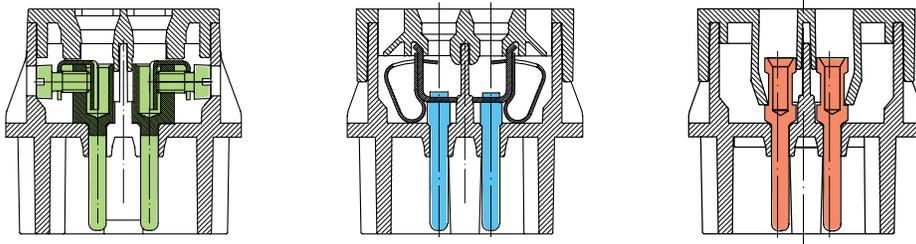
Cable Section	1.0 - 2.5 mm ²	6 mm ²	1.5 - 16 mm ²			
Awg	18 - 14	10	1,5	2,5	4	6 10 16
Tightening Torque	0.5 Nm	1.2 Nm	1,2	2	3	3 3 3
Stripping Length	7 mm					

Spring Connection

Cable Section	0.14 - 2.5 mm ²
Awg	26 - 14
Stripping Length	9... 11

Crimp Connection

Cable Section	0.14 - 4.0 mm ²	0.14 - 4.0 mm ²	0.14 - 2.5 mm ²
Awg	20 - 12	20 - 12	20 - 14
Stripping Length	7.5	7.5	7.5



METAL HOODS - HOUSINGS

Material	Aluminum
Surface	Powder - coated
Gaskets	NBR
Temperature Range	- 40 °C / + 125 °C
Protection Degree (Acc. to DIN EN 60529 for coupled connectors)	IP65

PLASTIC HOODS - HOUSINGS

Material	PC
Gaskets	NBR
Temperature Range	- 40 °C / + 125 °C
Protection Degree (Acc. to DIN EN 60529 for coupled connectors)	IP65



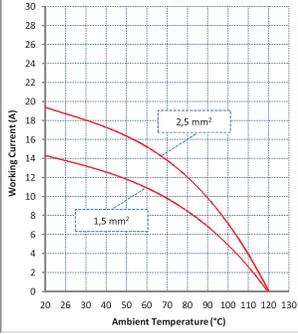
INSERTS
p.04



**HOODS
HOUSINGS**
p.13

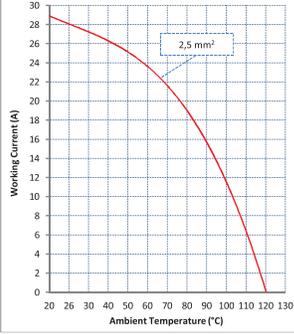
E Series

E Series 24 poles



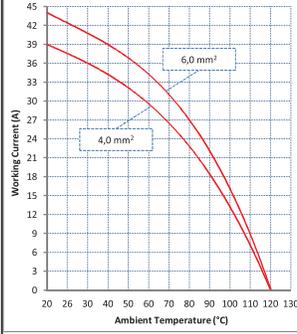
A Series

A Series 4 poles



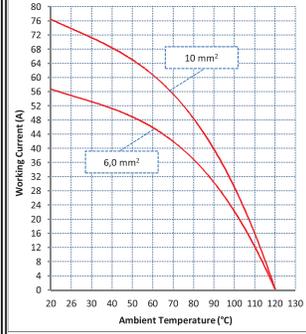
HSB Series

HSB Series 6 poles

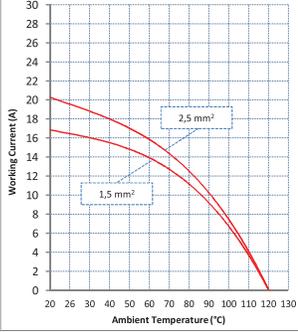


K Series

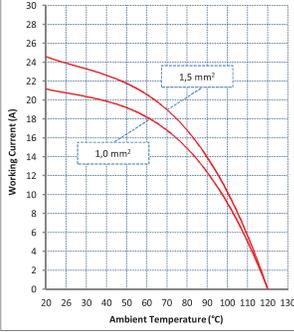
K Series 4 poles



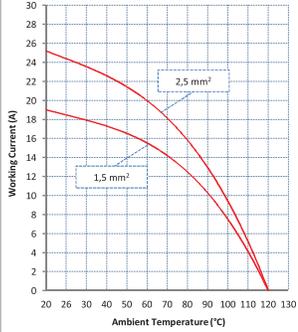
E Series 16 poles



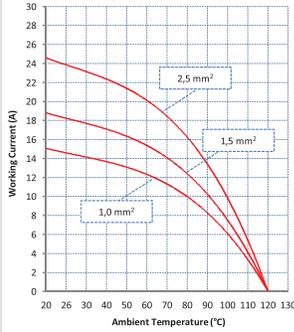
A Series 5 poles



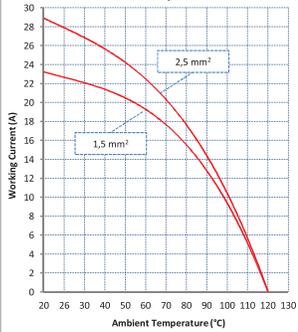
E Series 10 poles



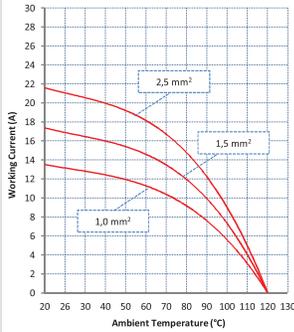
A Series 10 poles



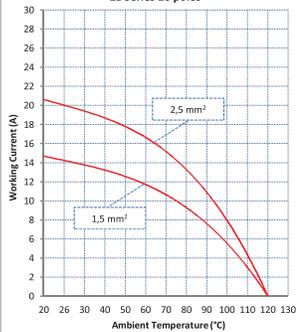
E Series 6 poles



A Series 16 poles



EE Series 10 poles



GENERAL CHARACTERISTICS

Multipole connectors for industrial purposes are used in electric and electronic machinery, robots, electric panels, control equipments and wherever connections are required for power, control and signal circuits. The connectors are designed for heavy duty industrial applications and are suitable for use with alternate or direct current and facilitate the manufacture, installation and maintenance of sectional electric part in complex machinery in conformance with European and US Standards.

STANDARDS

EN 61984 : Connectors safety requirements and tests

VDE 0627 : Connectors

UL 1977 : Component connectors for use in data, signal, control and power applications

ME connectors are in conformity with both European / International and American systems. This permits using them in the widest range of applications worldwide.

Products comply with Low Voltage Directive 2006 / 95 / EC.

INSERTS

The inserts are made of self extinguishing thermoplastic resin according to UL 94 -VO, normally used in ambience temperature range of -40°C ... +125°C. The inserts are available in screw, crimp and spring type. Contacts are made of silver plated brass. All inserts are numbered during injection moulding. They are:

- Suitable for use with alternate or direct current
- Leading protective ground
- Polarized for correct coupling
- Interchangeable male and female inserts in hoods and housings
- Captive screws
- Universal and can be used with all types of hoods and housings

HOOD & HOUSING

A large variety of Hood and Housings are available for specific industrial applications. The principal parts are made in die-cast aluminium alloy coated with electro-static powder paint. They are resistant to impact and strong mechanical stress.

Coupling stability and protection against accidental openings are assured by a single or double locking system comprising, monobloc metal latch made of galvanized steel.

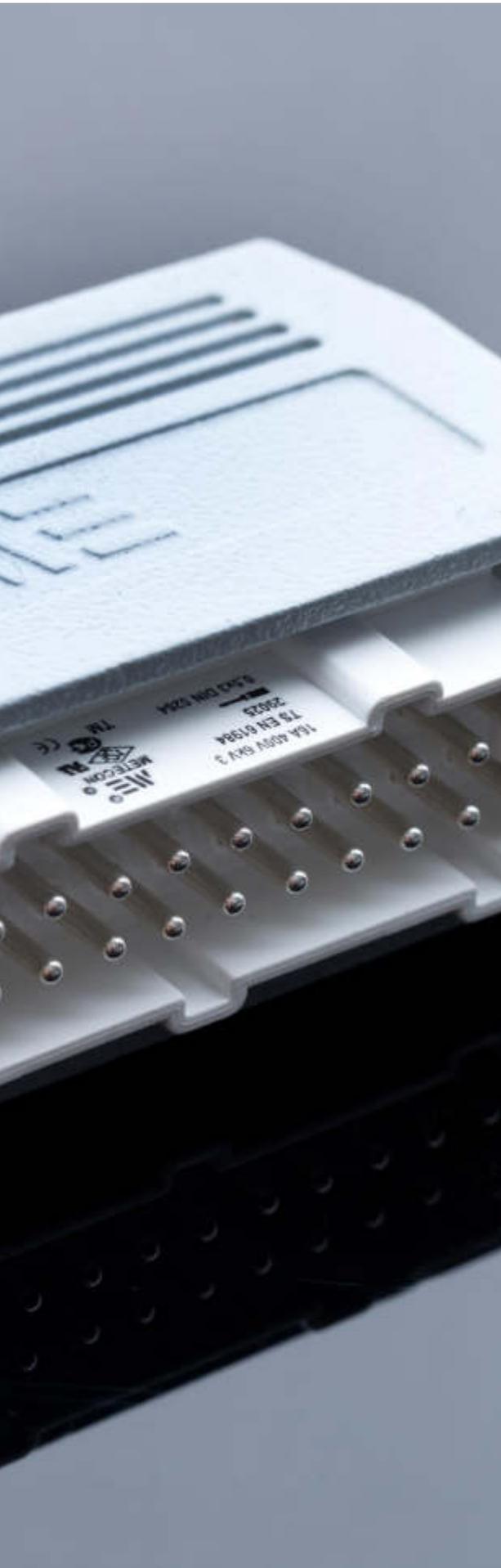
Sealing is assured by special gaskets that protect the inserts inside the hood and housings against dust, water and other aggressive agents.

- Innovative design
- Degree of protection IP65 when connected.
- Electrical connection with protective ground.
- High mechanical strength and vibration resistance ensured by locking levers.

DESIGN AND TESTING

The connectors have been designed and tested to meet the international electrical and environmental standards.





TECHNICAL FEATURES

- 1.) Wide range of accessories
- 2.) Cable inlet in various PG, METRIC and NPT thread
- 3.) Hoods and housings die casted from aluminum alloy and self extinguishing thermoplastic inserts
- 4.) Aluminum hoods and housings are powder coated with high resistance to mechanical stress and external agents
- 5.) Inserts are made of self-extinguishing thermoplastic material reinforced with glass fiber within an operation temperature range of -40 °C ... +125 °C
- 6.) Inserts are designed by assymmetric guide rails for preventing incorrect coupling
- 7.) Special seal gaskets provide an IP65 degree of protection for coupled connectors
 - 8.) Captive screws with anti-loosening flexible washers
 - 9.) Contact positions are molded and laser printed on the inserts
 - 10.) Contacts are coated by silver with connection to the conductors made via captive screws
 - 11.) Earth terminal with wide contact surface
 - 12.) Nickel plated screws and wire protector are made of brass

ELECTRICAL DATA

Overvoltage Category:

Overvoltage category is dependent on the mains voltage and the location at which the equipment is installed. It describes the maximum overvoltage resistance of a device in the event of a power supply system fault (i.e.in the event of a lightning strike).

The overvoltage category effects the dimensioning of components in that it determines the clearance air gap. Pursuant to the relative standards there are 4 overvoltage categories:

Category I: Equipment for connection to circuits in which measures are taken to limit transient overvoltage to an appropriately low level (i.e.protected electronic circuits).

Category II: Energy consuming equipment to be supplied from the fixed installation (i.e. appliances and household equipment with similar loads)

Category III: Equipment in fixed installations and for cases where the reliability and the availability of the equipment is subject to special requirements (i.e. equipment for industrial use with permanent connection to the fixed installation)

Category IV: Equipment for use at the origin of the installation (i.e. electricity meters). Overvoltage category III include equipments and components for industrial use like METECON MULTIPOLE CONNECTORS.

Pollution Degree:

The dimensions of operating equipment is dependent on environmental conditions. Any pollution or contamination may give rise to conductivity that,in combination with moisture, may affect the insulating properties of the surface on which it is deposited. The pollution degree influences the design of the components in terms of creepage distance.

Pollution degree 1: In air conditioned or clean,dry rooms such as computer and measuring instrument rooms. No pollution or only dry, non-conductive pollution occurs.

Pollution degree 2: In residential sales and other business premises, precision engineering workshop, laboratories, testing bays, rooms for medical purposes. Only non-conductive pollution occurs except that occasionally a temporary conductivity caused by condensation is to be accepted.

Pollution degree 3: In industrial, commercial and agricultural premises, unheated storage premises, workshops or boiler rooms,machinery and for industrial automation. Conductive pollution occurs or dry non-conductive pollution occurs which becomes conductive due to condensation which is to be expected.

Pollution degree 4: In outdoor or exterior areas such as equipment mounted on the roofs of locomotives or tramcars, elevators and machinery operating outdoor for building.The pollution generates persistent conductivity caused by conductive dust or by rain or snow. METECON multipole connectors are designed as standard for pollution degree 3 and 2.



Hood
Aluminum hoods:

- Narrow and high construction hoods
- Three different locking mechanism
- IP65
- Cable entry options:
 - └ PG
 - └ Metric
 - └ NPT



Male Insert and Contacts

- Silver plated
- Screw, spring and crimp connection
- Numbering with laser marking for right connection



Female Insert and Contacts

- Silver plated
- Screw, spring and crimp connection
- Numbering with laser marking for right connection



Bulkhead Mounting Housing
Aluminum hoods:

- Three different locking mechanism
- NBR Gasket
- IP65

A - SERIES



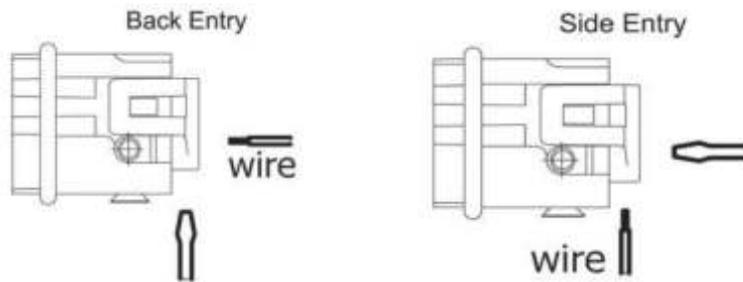
10A / 250 V (2P+E)				Size 3A
Product Code	Type		Terminal	Box Qt.
29007	Male Insert (Side Entry Wiring)		Screw	200
29006	Female Insert (Side Entry Wiring)		Screw	200
29005	Male Insert (Back Entry Wiring)		Screw	200
29004	Female Insert (Back Entry Wiring)		Screw	200



10A / 250 V (3P+E)				Size 3A
Product Code	Type		Terminal	Box Qt.
29009	Male Insert (Side Entry Wiring)		Screw	200
29008	Female Insert (Side Entry Wiring)		Screw	200
29003	Male Insert (Back Entry Wiring)		Screw	200
29002	Female Insert (Back Entry Wiring)		Screw	200



10A / 250 V (4P+E)				Size 3A
Product Code	Type		Terminal	Box Qt.
29011	Male Insert (Side Entry Wiring)		Screw	200
29010	Female Insert (Side Entry Wiring)		Screw	200
29016	Male Insert (Back Entry Wiring)		Screw	200
29012	Female Insert (Back Entry Wiring)		Screw	200



A - SERIES



16A / 250 V (10P+E)				Size 10A
Product Code	Type		Terminal	Box Qt.
29421	Male Insert		Screw	80
29420	Female Insert		Screw	80



16A / 250 V (16P+E)				Size 16A
Product Code	Type		Terminal	Box Qt.
29423	Male Insert (1 - 16)		Screw	60
29422	Female Insert (1 - 16)		Screw	60



16A / 250 V (32P+E)				Size 32A
Product Code	Type		Terminal	Box Qt.
29423	Male Insert (1 - 16)		Screw	60
29422	Female Insert (1 - 16)		Screw	60
29427	Male Insert (17 - 32)		Screw	60
29426	Female Insert (17 - 32)		Screw	60



D - SERIES

10A / 250 V (40P+E) (80P+E)			Size 16 - 32B	
Product Code	Type		Terminal	Box Qt.
290233040	Male Insert (1 - 40)		Crimp	30
290223040	Female in sert (1 - 40)		Crimp	30
290233040	Male Insert (41 - 80)		Crimp	30
290223040	Female in sert (41 - 80)		Crimp	30

10A / 250 V (64P+E) (128P+E)			Size 24 - 48B	
Product Code	Type		Terminal	Box Qt.
290233064	Male Insert (1 -64)		Crimp	25
290223064	Female in sert (1 -64)		Crimp	25
290233064	Male Insert (65 -128)		Crimp	25
290223064	Female in sert (65 -128)		Crimp	25



E - SERIES



16A / 400 V (6P+E)				Size 6B
Product Code	Type		Terminal	Box Qt.
29121	Male Insert		Screw	50
29120	Female Insert		Screw	50
291212006	Male Insert		Spring	50
291202006	Female Insert		Spring	50
291213006	Male Insert		Crimp	50
291203006	Female Insert		Crimp	50



16A / 400 V (10P+E)				Size 10B
Product Code	Type		Terminal	Box Qt.
29021	Male Insert		Screw	50
29020	Female Insert		Screw	50
290212010	Male Insert		Spring	50
290202010	Female Insert		Spring	50
290213010	Male Insert		Crimp	50
290203010	Female Insert		Crimp	50



E - SERIES



16A / 400 V (16P+E)				Size 16B
Product Code	Type		Terminal	Box Qt.
29023	Male Insert		Screw	30
29022	Female Insert		Screw	30
290232016	Male Insert		Spring	30
290222016	Female Insert		Spring	30
290233016	Male Insert		Crimp	30
290223016	Female Insert		Crimp	30



16A / 400 V (24P+E)				Size 24B
Product Code	Type		Terminal	Box Qt.
29025	Male Insert		Screw	25
29024	Female Insert		Screw	25
290252024	Male Insert		Spring	25
290242024	Female Insert		Spring	25
290253024	Male Insert		Crimp	25
290243024	Female Insert		Crimp	25



E - SERIES

16A / 400 V (32P+E)				Size 32B
Product Code	Type		Terminal	Box Qt.
29023	Male Insert (1-16)		Screw	30
29022	Female Insert (1-16)		Screw	30
29027	Male Insert (17-32)		Screw	30
29026	Female Insert (17-32)		Screw	30
290232016	Male Insert (1-16)		Spring	30
290222016	Female Insert (1-16)		Spring	30
290272032	Male Insert (17-32)		Spring	30
290262032	Female Insert (17-32)		Spring	30
290233016	Male Insert (1-16)		Crimp	30
290223016	Female Insert (1-16)		Crimp	30
290273032	Male Insert (17-32)		Crimp	30
290263032	Female Insert (17-32)		Crimp	30



16A / 400 V (48P+E)				Size 48B
Product Code	Type		Terminal	Box Qt.
29025	Male Insert (1-24)		Screw	25
29024	Female Insert (1-24)		Screw	25
29029	Male Insert (25-48)		Screw	25
29028	Female Insert (25-48)		Screw	25
290252024	Male Insert (1-24)		Spring	25
290242024	Female Insert (1-24)		Spring	25
290282048	Male Insert (25-48)		Spring	25
290292048	Female Insert (25-48)		Spring	25
290253024	Male Insert (1-24)		Crimp	25
290243024	Female Insert (1-24)		Crimp	25
290293048	Male Insert (25-48)		Crimp	25
290283048	Female Insert (25-48)		Crimp	25



EE - SERIES

16A / 500 V (10P+E)			Size 6B	
Product Code	Type		Terminal	Box Qt.
291213010	Male Insert		Crimp	30
291203010	Female Insert		Crimp	30



HSB - SERIES



35A / 400-690 V (6P+E)			Size 16B	
Product Code	Type		Terminal	Box Qt.
29125	Male Insert (1-6)		Screw	30
29124	Female Insert (1-6)		Screw	30



35A / 400-690 V (12P+E)			Size 32B	
Product Code	Type		Terminal	Box Qt.
29125	Male Insert (1-6)		Screw	30
29124	Female Insert (1-6)		Screw	30
29129	Male Insert (7-12)		Screw	30
29128	Female Insert (7-12)		Screw	30



K - SERIES



80A 400-690 V (4P+E)				Size 16B
Product Code	Type	Terminal		Box Qt.
29115	Male Insert	Screw		30
29114	Female Insert	Screw		30



80A / 16A 400-690 V (4P+2P+E)				Size 16B
Product Code	Type	Terminal		Box Qt.
29117	Male Insert	Screw		30
29116	Female Insert	Screw		30



80A / 16A 400-690 V (4P+ 8P+E)				Size 24B
Product Code	Type	Terminal		Box Qt.
29113	Male Insert	Screw		25
29112	Female Insert	Screw		25



CODING PINS



1102660

- Coding Pin
- 5 x 12 m



1109660

- Guide Pin
- 5 x 12 m



1109760

- Guide Bushing
- 5 x 12 m



1109860

- Single Coding Pin
- 5 x 12 m

16A CRIMP CONTACTS

SILVER PLATED (FOR E SERIES)



MALE CRIMP CONTACTS

Product Code	Cable Section
141061	0.14 mm ² - 0.37 mm ²
141062	0.50 mm ²
141063	0.75 mm ²
141064	1.00 mm ²
141065	1.50 mm ²
141066	2.50 mm ²
141067	3.00 mm ²
141068	4.00 mm ²



FEMALE CRIMP CONTACTS

Product Code	Cable Section
141051	0.14 mm ² - 0.37 mm ²
141052	0.50 mm ²
141053	0.75 mm ²
141054	1.00 mm ²
141055	1.50 mm ²
141056	2.50 mm ²
141057	3.00 mm ²
141058	4.00 mm ²

10A CRIMP CONTACTS

SILVER PLATED (FOR D SERIES)



MALE CRIMP CONTACTS

Product Code	Cable Section
141041	0.14 mm ² - 0.37 mm ²
141042	0.50 mm ²
141043	0.75 mm ²
141044	1.00 mm ²
141045	1.50 mm ²
141046	2.50 mm ²



FEMALE CRIMP CONTACTS

Product Code	Cable Section
141031	0.14 mm ² - 0.37 mm ²
141032	0.50 mm ²
141033	0.75 mm ²
141034	1.00 mm ²
141035	1.50 mm ²
141036	2.50 mm ²



29940

- Crimping Tool Without Locator
- 0,14 to 4,0 mm



29942

- Removal Tool
- For 10A Crimp Contacts



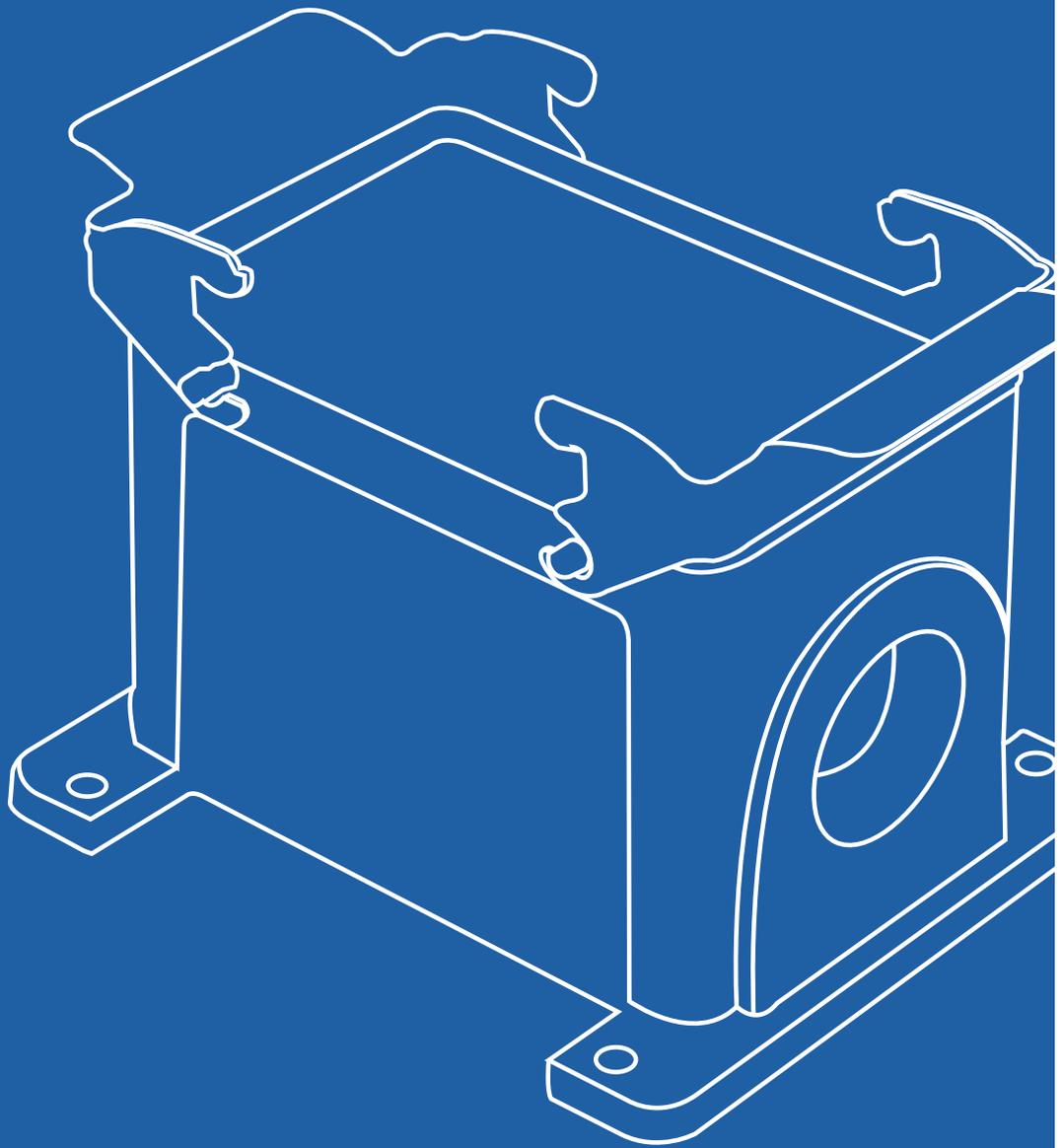
29941

- Removal Tool
- For 16A Crimp Contacts

INSPIRED BY NATURE

• Cactuses are very durable plants. They can withstand burning heat and freezing temperatures. Due to its strong structure, they can survive for a very long time.





METECON[®]
heavy duty connectors

***HEAVY DUTY
CONNECTORS
HOODS & HOUSINGS***

SIZE 3A



Plastic Hoods & Housings - Single Lever - PG11				Size 3A
Product Code	Description	Lever	Entry Type	Box Qt.
29080	Hood For Male Insert		Top	100
29079	Hood For Female Insert	●	Top	100
29075	Housing With Lever			100
29077	Housing (Angled)	●		100
29640	Cover For Female Insert			250
29642	Cover For Male Insert	●		125



Aluminum Hoods & Housings - Single Lever - PG11				Size 3A
Product Code	Description	Lever	Entry Type	Box Qt.
29017	Hood For Male Insert		Top	100
29019	Hood For Male Insert (Angled)		Side	100
29015S	Hood For Female Insert	●	Top	100
29013S	Housing For Female Insert	●		100
29014S	Housing For Female Insert (Angled)	●		100
29018S	Housing For Female Insert (Angled - Double Entry)	●		100
29640	Cover For Female Insert			250
29642	Cover For Male Insert	●		125



Thread	Color	Material	Diameter	Thread	Color	Material	Diameter
-0405		Aluminum Grey	PG 13,5	-0404		Aluminum Black	PG 13,5
-2205		Aluminum Grey	M 20	-2204		Aluminum Black	M 20
-3105		Aluminum Grey	N 3/8	-3104		Aluminum Black	N 3/8
-0304		Aluminum Black	PG 11				

For different color and / or different threads please prefix the standart product code from next table. For the products ending with "S" please add it at the end of newly created code. (E.g.: 29015-0405S)

SIZE 10A

Aluminum Hoods & Housings - Single Lever- PG16					Size 10A
Product Code	Description	Lever	Gasket	Entry Type	Box Qt.
293532	Hood		●	Side	40
293542	Hood		●	Top	30
293522	Housing (Surface Mounting - Double Entry)	●		Side	20
293512	Housing (Surface Mounting)	●		Side	20
293502	Housing (Bulkhead Mounting)	●			20



SIZE 16A

Aluminum Hoods & Housings - Single Lever - PG16					Size 16A
Product Code	Description	Lever	Gasket	Entry Type	Box Qt.
293632	Hood		●	Side	30
293642	Hood		●	Top	25
293602	Housing (Bulkhead Mounting)	●			30
293612	Housing (Surface Mounting)	●		Side	18
293622	Housing (Surface Mounting - Double Entry)	●		Side	18



SIZE 32A

Aluminum Hoods & Housings - Double Lever - PG21 Size 32A

Product Code	Description	Lever	Entry Type	Box Qt.
290602	Hood		Top	20
290612	Hood		Side	20
290462	Housing (Bulkhead Mounting)	●		40
290812	Housing (Surface Mounting)	●	Side	40
290822	Housing (Surface Mounting - Double Entry)	●	Side	30



Thread	Color	Material	Diameter	Thread	Color	Material	Diameter
-2405		Aluminum Grey	M 32	-0704		Aluminum Black	PG 29
-2505		Aluminum Grey	M 40	-2404		Aluminum Black	M 32
-2805		Aluminum Grey	N 1	-2504		Aluminum Black	M 40
-2905		Aluminum Grey	N 3/4	-2804		Aluminum Black	N 1
-0604		Aluminum Black	PG 21	-2904		Aluminum Black	N 3/4

For different color and / or different threads please prefix the standard product code from next table. (E.g.: 290612-2405)



SIZE 6B

Aluminum Hoods & Housings - Single Lever - PG16				Size 6B
Product Code	Description	Lever/Gasket	Entry Type	Box Qt.
29135	Hood		Top	20
29131	Hood		Side	20
29140S	Hood	●	Top	10
29132S	Hood	●	Side	10
29130S	Housing (Bulkhead Mounting)	●		20
29133S	Housing (Surface Mounting)	●		10
29134S	Housing (Surface Mounting - Double Entry)	●		10
29400S	Housing (Bulkhead Mounting With Cover)	●		20
29401S	Housing (Surface Mounting With Cover)	●		10
29402S	Housing (Surface Mounting With Cover - Double Entry)	●		10
29644	Cover For Housing			100
29646S	Cover For Hood	●		50



Thread	Color	Material	Diameter	Thread	Color	Material	Diameter
-0405		Aluminum Grey	PG 13,5	-0404		Aluminum Black	PG 13,5
-0505		Aluminum Grey	PG 16	-0504		Aluminum Black	PG 16
-2205		Aluminum Grey	M 20	-2204		Aluminum Black	M 20
-2305		Aluminum Grey	M 25	-2304		Aluminum Black	M 25
-3005		Aluminum Grey	N 1/2	-3004		Aluminum Black	N 1/2

For different color and / or different threads please prefix the standart product code from next table. For the products ending with "S" please add it at the end of newly created code. (E.g.: 29133-0405**S**)

* Please contact us for cable entry and color options.

Aluminum Hoods & Housings - Double Lever - PG16 Size 10B

Product Code	Description	Lever/Gasket	Entry Type	Box Qt.
29145	Hood		Top	15
29041	Hood		Side	15
29150S	Hood	●	Top	10
29049S	Hood	●	Side	10
29040S	Housing (Bulkhead Mounting)	●		15
29054S	Housing (Surface Mounting)	●		10
29055S	Housing (Surface Mounting - Double Entry)	●		10
29174	Hood (h:70mm)*			10
29175S	Hood (h:70mm)*	●		10
29650	Housing (Bulkhead Mounting With Cover)			75
29653S	Housing (Surface Mounting With Cover)	●		30
29950	Housing (Surface Mounting With Cover)			

Aluminum Hoods & Housings - Single Lever - PG16 Size 10B

Product Code	Description	Lever/Gasket	Entry Type	Box Qt.
29354	Hood		Top	15
29353	Hood		Side	15
29356S	Hood	●	Top	10
29355S	Hood	●	Side	10
29350S	Housing (Bulkhead Mounting)	●		15
29351S	Housing (Surface Mounting)	●		10
29352S	Housing (Surface Mounting - Double Entry)	●		10
29357	Hood (h:70mm)*			10
29358S	Hood (h:70mm)*	●		10
29405S	Housing (Bulkhead Mounting With Cover)	●		15
29406S	Housing (Surface Mounting With Cover)	●		10
29407S	Housing (Surface Mounting With Cover - Double Entry)	●		10



Thread	Color	Material	Diameter	Thread	Color	Material	Diameter
-0405		Aluminum Grey	PG 13,5	-0404		Aluminum Black	PG 13,5
-2205		Aluminum Grey	M 20	-2204		Aluminum Black	M 20
-2305		Aluminum Grey	M 25	-2304		Aluminum Black	M 25
-3005		Aluminum Grey	N 1/2	-3004		Aluminum Black	N 1/2
-0504		Aluminum Black	PG 16				

For different color and / or different threads please prefix the standard product from next table. For the product ending with "S" please add it at the end of newly created code.
(E.g.: 29145-0405S)

* Please contact us for cable entry and color options.
* h: Height of high construction hoods

SIZE 16B

Aluminum Hoods & Housings - Double Lever - PG21				Size 16B
Produce Code	Description	Lever/Gasket	Entry Type	Box Qt.
29155	Hood		Top	12
29043	Hood		Side	12
29160S	Hood	●	Top	10
29050S	Hood	●	Side	10
29042S	Housing (Bulkhead Mounting)	●		12
29056S	Housing (Surface Mounting)	●		10
29057S	Housing (Surface Mounting - Double Entry)	●		10
29176	Hood (h:80mm)*			10
29177S	Hood (h:80mm)*	●		8
29651	Cover For Housing			50
29654S	Cover For Hood	●		20

Aluminum Hoods & Housings - Single Lever - PG21				Size 16B
Product Code	Description	Lever/Gasket	Entry Type	Box Qt.
29364	Hood		Top	12
29363	Hood		Side	12
29366S	Hood	●	Top	10
29365S	Hood	●	Side	10
29360S	Housing (Bulkhead Mounting)	●		12
29361S	Housing (Surface Mounting)	●		10
29362S	Housing (Surface Mounting - Double Entry)	●		10
29367	Hood (h:80mm)*			10
29368S	Hood (h:80mm)*	●		
29410S	Housing (Bulkhead Mounting With Cover)	●		12
29411S	Housing (Surface Mounting With Cover)	●		10
29412S	Housing (Surface Mounting With Cover - Double Entry)	●		10



Thread	Color	Material	Diameter
-2305		Aluminum Grey	M 25
-2905		Aluminum Grey	N 3/4
-0604		Aluminum Black	PG 21
-2304		Aluminum Black	M 25
-2904		Aluminum Black	N 3/4

For different color and / or different threads please prefix the standart product code from next table. For the products ending with "S" please add it at the end of newly created code. (E.g.: 29362-2305S)

* Please contact us for cable entry and color options.

* h: Height of high construction hoods

Aluminum Hoods & Housings - Double Lever - PG21 Size 24B

Product Code	Description	Lever/Gasket	Entry Type	Box Qt.
29165	Hood		Top	10
29045	Hood		Side	10
29170S	Hood	●	Top	6
29051S	Hood	●	Side	8
29044S	Housing (Bulkhead Mounting)	●		10
29058S	Housing (Surface Mounting)	●		8
29059S	Housing (Surface Mounting - Double Entry)	●		8
29178	Hood (h:80mm)*			10
29179S	Hood (h:80mm)*	●		6
29652	Cover For Housing			40
29655S	Cover For Hood	●		20

Aluminum Hoods & Housings - Single Lever - PG21 Size 24B

Product Code	Description	Lever/Gasket	Entry Type	Box Qt.
29374	Hood		Top	10
29373	Hood		Side	10
29376S	Hood	●	Top	6
29375S	Hood	●	Side	8
29370S	Housing (Bulkhead Mounting)	●		10
29371S	Housing (Surface Mounting)	●		8
29372S	Housing (Surface Mounting - Double Entry)	●		8
29377	Hood (h:80mm) *			10
29378S	Hood (h:80mm) *	●		6
29415S	Housing (Bulkhead Mounting With Cover)	●		10
29416S	Housing (Surface Mounting With Cover)	●		8
29417S	Housing (Surface Mounting With Cover - Double Entry)	●		8



Thread	Color	Material	Diameter
-2305		Aluminum Grey	M 25
-2905		Aluminum Grey	N 3/4
-2405		Aluminum Grey	M 32
-0604		Aluminum Black	PG 21
-2304		Aluminum Black	M 25
- 2404		Aluminum Black	M 32
-2904		Aluminum Black	N 3/4

For different color and / or different threads please prefix the standart product code from next table. For the products ending with "S" please add it at the end of newly created code. (E.g.: 29058-2305S)

* Please contact us for cable entry and color options.

* h: Height of high construction hoods

SIZE 32B

Aluminum Hoods & Housings - Double Lever - PG21 Size 32B

Product Code	Description	Lever/Gasket	Entry Type	Box Qt.
29060	Hood		Top	6
29061	Hood		Side	6
29062S	Hood	●	Top	4
29063S	Hood	●	Side	4
29046S	Housing (Bulkhead Mounting)	●		8
29081S	Housing (Surface Mounting)	●		4
29082S	Housing (Surface Mounting - Double Entry)	●		4
29660	Cover For Housing			30
29662S	Cover For Hood	●		10



Thread	Color	Material	Diameter	Thread	Color	Material	Diameter
-2405		Aluminum Grey	M 32	-0704		Aluminum Black	PG 29
-2505		Aluminum Grey	M 40	-2404		Aluminum Black	M 32
-2805		Aluminum Grey	N 1	-2504		Aluminum Black	M 40
-2905		Aluminum Grey	N 3/4	-2804		Aluminum Black	N 1
-0604		Aluminum Black	PG 21	-2904		Aluminum Black	N 3/4

For different color and / or different threads please prefix the standart product code from next table. For the products ending with "S" please add it at the end of newly created code. (E.g.: 29081-2405S)

* Please contact us for cable entry and color options.

SIZE 48B

Aluminum Hoods & Housings - Double Lever - PG29

Size 48B

Product Code	Description	Lever/Gasket	Entry Type	Box Qt.
29065	Hood		Top	4
29066	Hood		Side	4
29067S	Hood	●	Top	4
29068S	Hood	●	Side	4
29048S	Housing (Bulkhead Mounting)	●		8
29083S	Housing (Surface Mounting)	●		3
29084S	Housing (Surface Mounting - Double Entry)	●		3
29661	Cover For Housing			20
29663S	Cover For Hood	●		10

Aluminum Hoods & Housings - Single Lever - PG29

Size 48B

Product Code	Description	Lever/Gasket	Entry Type	Box Qt.
29094	Hood		Top	4
29093	Hood		Side	4
29096S	Hood	●	Top	4
29095S	Hood	●	Side	4
29090S	Housing (Bulkhead Mounting)	●		8
29091S	Housing (Surface Mounting)	●		3
29092S	Housing (Surface Mounting - Double Entry)	●		3



Thread	Color	Material	Diameter	Thread	Color	Material	Diameter
-0605		Aluminum Grey	PG 21	-0604		Aluminum Black	PG 21
-0805		Aluminum Grey	PG 36	-0804		Aluminum Black	PG 36
-2405		Aluminum Grey	M 32	-2404		Aluminum Black	M 32
-2505		Aluminum Grey	M 40	-2504		Aluminum Black	M 40
-2605		Aluminum Grey	M 50	-2604		Aluminum Black	M 50
-2805		Aluminum Grey	N 1	-2804		Aluminum Black	N 1
-0704		Aluminum Black	PG 29				

For different color and / or different threads please prefix the standart product code from next table. For the products ending with "S" please add it at the end of newly created code. (E.g.: 29083-0605S)

* Please contact us for cable entry and color options.

Hot Runner Boxes - New



117010103

- Hot Runner Box For 10B - 16B - 24B Size
- 2mm Metal Sheet



117010203

- Hot Runner Box For 2x 10B-16B - 24B Size
- 2mm Metal Sheet

Plastic & Metal Levers

A Size Enclosures



20066

- Plastic Single Lever
- Size 3A



29605

- Metal Single Lever
- Size 3A



20476

- Plastic Single Lever
- Size 10A



20486

- Plastic Single Lever
- Size 16A



20477

- Plastic Double Lever
- Size 32A



29606

- Metal Single Lever
- Size 6B



29602

- Plastic Single Lever
- Size 6B



29601

- Plastic Single Lever
- Size 10B



29609

- Metal Single Lever
- Size 16B



29610

- Plastic Single Lever
- Size 24B



2103954

- Metal Single Lever
- Size 48B



29607

- Metal Double Lever
- Size 10B-16B-24B



29600

- Plastic Double Lever
- Size 10B-16B-24B



29608

- Metal Double Lever
- Size 32B-48B

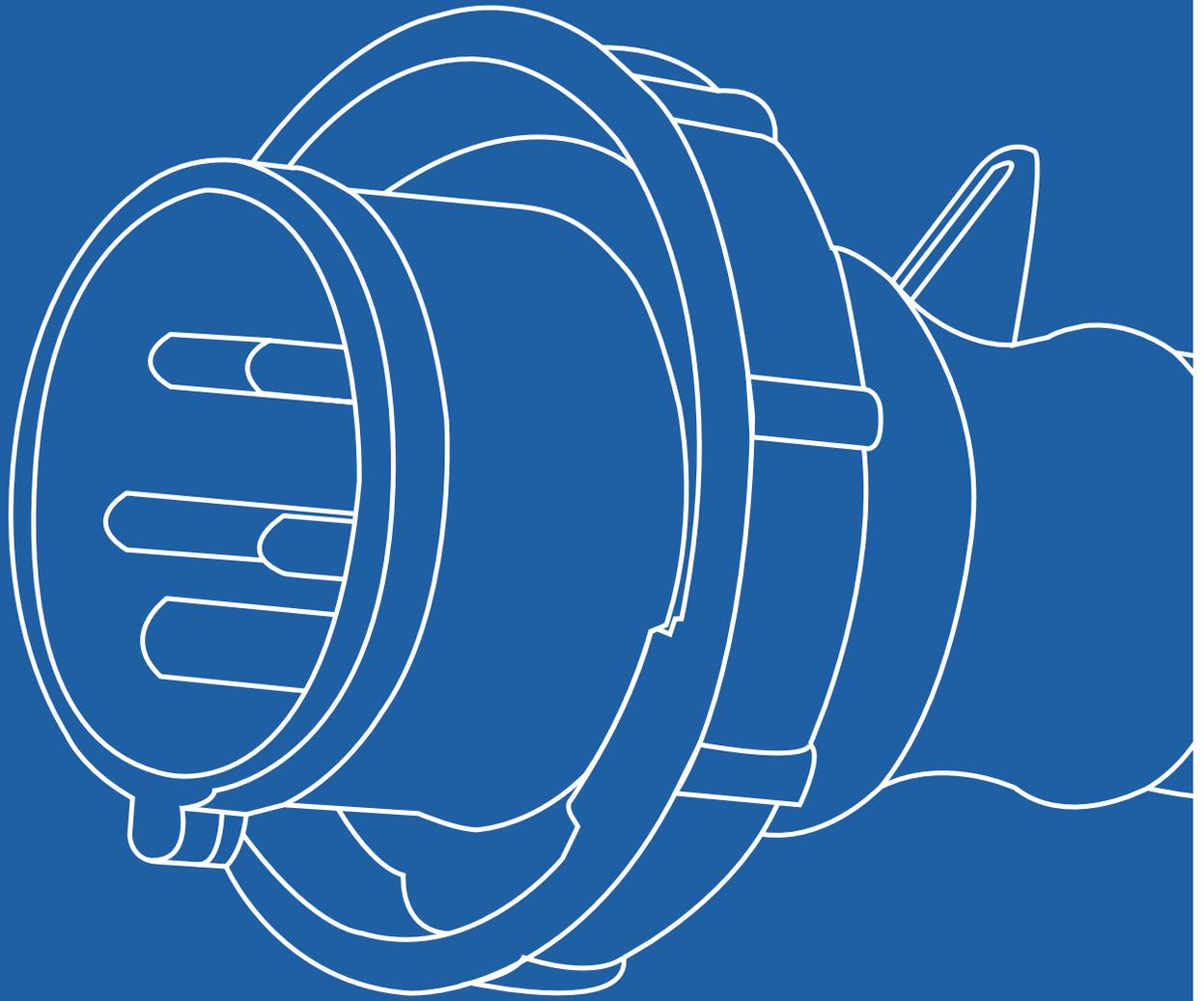


29601

- Plastic Double Lever
- Size 32B-48B

B Size Enclosures





MEET CEE[®]
industrial plugs and sockets

INDUSTRIAL IEC PLUGS & SOCKETS

■ ■ CEE and IEC

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

■ ■ CONFORMITY TO STANDARDS

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

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

■ ■ CENELEC

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

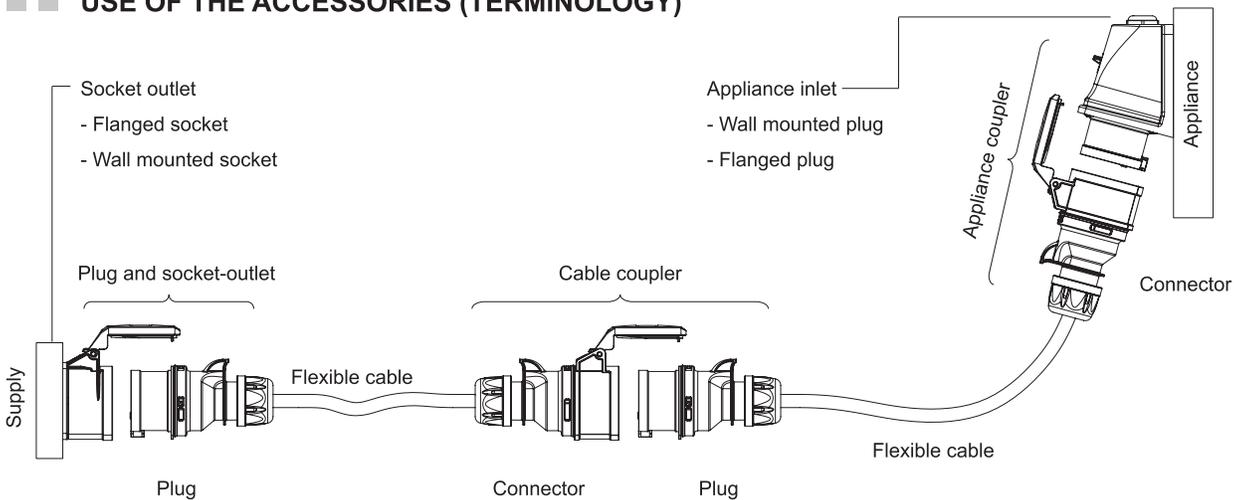
■ ■ SYSTEM

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)



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

PCS (PILOT CONTACT SYSTEM):

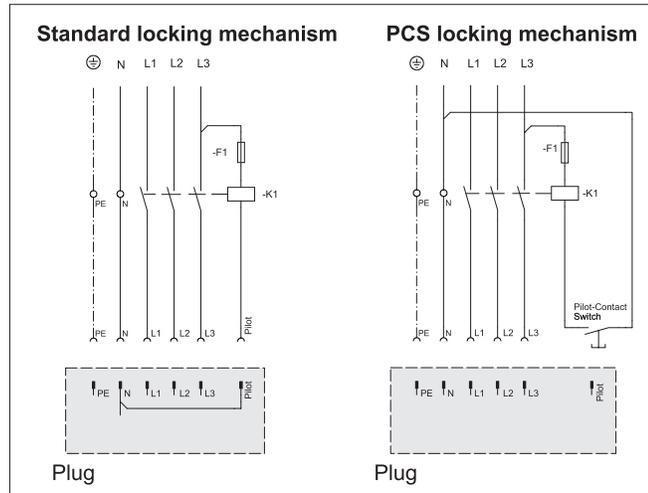
The PCS is a built-in auxiliary contact, used only for 63A and 125A connectors and socket-outlets, for protective electrical interlocking or for additional control purposes, with isolated connection in the socket-outlet. CEE connectors and sockets have longer phase contacts and guarantee no finger protection;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

Rated current	Terminal cross-section		Dismantling length [mm]	Stripping length [mm]
	wire flexible [mm ²]	wire solid (single or stranded) [mm ²]		
16A - CEE	1 - 2,5	1 - 4	50	10 - 12
32A - CEE	2,5 - 6	2,5 - 10	50	12 - 14
63A - CEE	6 - 16	6 - 25	100	15 - 18
125A - CEE	16 - 50	16 - 70	100	24 - 27

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

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

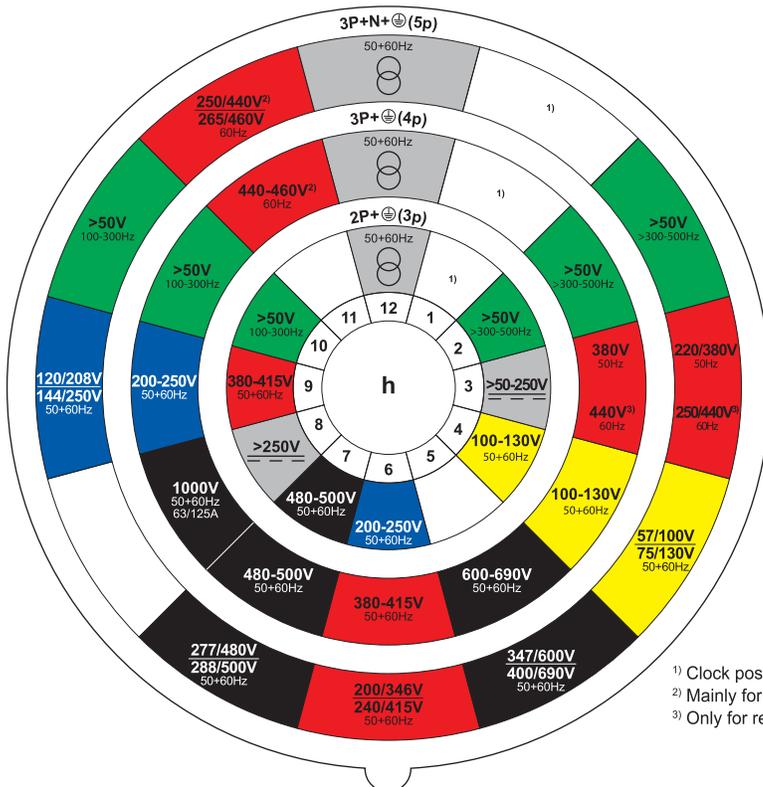
■ ■ COLOR CODES

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

Rated operating voltage:	Colour code:
20-25V	violet
40-50V	white
100-130V	yellow
200-250V	blue
380-480V	red
500-1000V	black
> 60-500Hz	green
no colour code	grey

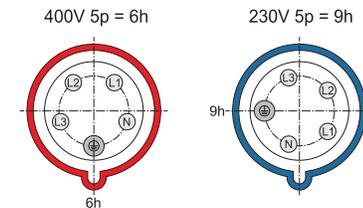
■ ■ INTERNATIONAL RATING – SERIE I

for appliances >50V – details see table above



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

Example:



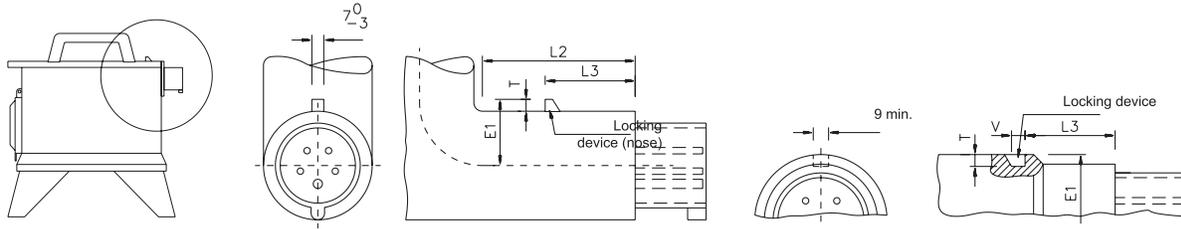
- 1) Clock position not standardized and free for use for special applications
- 2) Mainly for ship installations
- 3) Only for refrigerated containers

LOCKING DEVICE

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

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

Extract from the standard EN60309 for plugs and flanged plugs



Positioning table (in mm):

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

CONTACTS

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

- high electric conducting capacity 15 MS/m / (m/Ω mm²);
- high resistance to extension up to 500 N/mm² (MPa);
- high corrosion resistance in areas of: industrial atmosphere, agriculture, . . .
- with nickel-plated contacts increased corrosion resistance in areas of: seawater, steam, sulphur hydrides, agriculture, dairies.
- conform to RoHS-directiv 2011/65/EU
- METE sockets 63A and 125A have a CuBe lamellar spring for a well contacting and anti-corrosion contacts.

TEMPERATURES

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

Temperature resistance: METE 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

Overview chemical resistance:

Chemicals	Concentration	Resistance		Chemicals	Concentration	Resistance	
		PA6	PC/ABS			PA6	PC/ABS
acetone		+	-	potassium hydroxide	50%	o	-
aldehyde		o	-	ketone		+	-
alcohols		+	+	fuels		+	o
formic acid	4-5%	-	o	methane		+	x
amine		+	-	petroleums		+	+
ammonia	5%	+	o / -	sodium chloride		+	+
ammonium chloride	35%	+	-	sodium hydroxide	10%	+	x
inorganic salts		+	o	sodium hydroxide	2-8%	+	-
benzine		+	+	nitrobenzene		+	-
benzol		+	o	oils		+	+
chlorine		o	o	phosphoric acid	10%	-	o
acetic acid	5%	o	+	propanol		+	o
ester		+	o	nitric acid	2%	-	+
ethyl aether		+	o	hydrochloric acid	2%	-	o
fats		+	+	sulfuric acid	50%	-	+
hydrofluoric acid		-	o	propellants (propane - butane mixture)		x	-
formaldehyde	5%	+	-	water		+	+
formalin	3-4%	+	-	hydrogen peroxide	30%	o	+
glycol		o	o	citric acid	20%	o	+
glycerin		+	o				

+ resistant o conditionally resistant - not resistant x not specified

The information about the resistance is valid with ambient temperature and can lead in coincidence of different medias to different resistances. These indications do not exempt from own tests to determine the actual suitability of the products for the intended use.

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

■ ■ IP (INGRESS PROTECTION)-RATINGS

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

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

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

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

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

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

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

16/32A

LET'S TAKE QUICK – IT'S EASY QUICK AND SAFE

■ ■ ■ QUICK CONNECTION

Contact screws

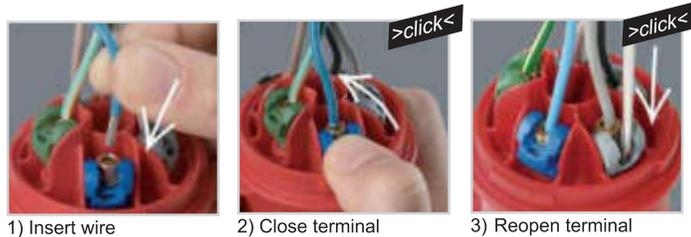
- Accessible from one direction
- Captive and open
- With multi-slot

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



Screwless connection technology

- Time saving
- Screwless terminal
- Open contact terminals, ready for assembly
- Fast cable installation
- Simple closing and opening just by thumb pressure

■ ■ ■ 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
- Usable for all known cable types
- Self-adjusting gasket for different cable diameters
- Maximum cable security

For all standard cable diameters

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

Conductors (stripped)

- flexible with or without end sleeve
- or solid wires



63/125A

SAFETY

HEAVY DUTY

TIME SAVING

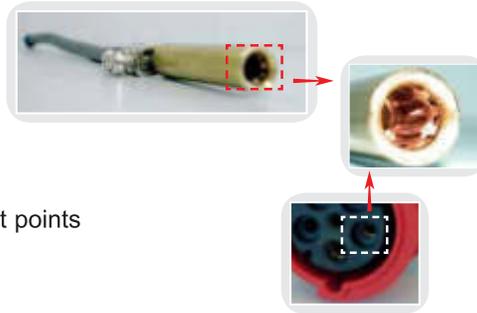
SAFETY

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



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

TIME SAVING

TWIST-cable gland

Optimum grip

Wide connection space

- fast cable installation

Open contact terminals, ready for assembly

3x16A (2P+E) - 220-240 V 6h 50-60 Hz

IP44 - Quick Connection

Product Code	Description	Box Qt.
406101	Plug	10
406201	Flanged Plug (Straight)	10
406202	Flanged Plug (Angled)	10
406301	Wall Mounted Plug	10
406401	Connector	10
406501	Flanged Socket (Angled)	10
406502	Flanged Socket (Straight)	10
406602	Wall Mounted Socket	10

3x16A (2P+E) - 220-240 V 6h 50-60 Hz

IP44 - Screw Connection

Product Code	Description	Box Qt.
406101V	Plug	10
406201V	Flanged Plug (Straight)	10
406202V	Flanged Plug (Angled)	10
406301V	Wall Mounted Plug	10
406401V	Connector	10
406501V	Flanged Socket (Angled)	10
406502V	Flanged Socket (Straight)	10
406602V	Wall Mounted Socket	10
406678V	Wall Socket (Switched)	1
406701V	Multiple Socket Outlet	5
406440V	Adaptor	10

3x16A (2P+E) - 220-240 V 6h 50-60 Hz

IP67 - Screw Connection

Product Code	Description	Box Qt.
406102V	Plug	10
406203V	Flanged Plug (Straight)	10
406204V	Flanged Plug (Angled)	10
406302V	Wall Mounted Plug	10
406402V	Connector	10
406503V	Flanged Socket (Angled)	10
406504V	Flanged Socket (Straight)	10
406603V	Wall Mounted Socket	10
406684V	Wall Socket (Switched)	1
406702V	Multiple Socket Outlet	5



406101



406501



406602V



406102V



406402V

For different Voltage and Clock Position options please contact us.

4x16A (3P+E) - 380-415 V 6h 50-60 Hz

IP44 - Quick Connection

Product Code	Description	Box Qt.
406103	Plug	10
406206	Flanged Plug (Angled)	10
406403	Connector	10
406505	Flanged Socket (Angled)	10
406506	Flanged Socket (Straight)	10
406605	Wall Mounted Socket	10

4x16A (3P+E) - 380-415 V 6h 50-60 Hz

IP44 - Screw Connection

Product Code	Description	Box Qt.
406103V	Plug	10
406205V	Flanged Plug (Straight)	10
406206V	Flanged Plug (Angled)	10
406303V	Wall Mounted Plug	10
406403V	Connector	10
406505V	Flanged Socket (Angled)	10
406506V	Flanged Socket (Straight)	10
406605V	Wall Mounted Socket	10
406679V	Wall Socket (Switched)	1
406629V	Combination Unit	5

4x16A (3P+E) - 380-415 V 6h 50-60 Hz

IP67 - Screw Connection

Product Code	Description	Box Qt.
406104V	Plug	10
406207V	Flanged Plug (Straight)	10
406208V	Flanged Plug (Angled)	10
406304V	Wall Mounted Plug	5
406404V	Connector	10
406507V	Flanged Socket (Angled)	10
406508V	Flanged Socket (Straight)	10
406606V	Wall Mounted Socket	5
406685V	Wall Socket (Switched)	1



For different Voltage and Clock Position options please contact us.

5x16A (3P+N+E) - 380-415 V 6h 50-60 Hz

IP44 - Quick Connection

Product Code	Description	Box Qt.
406105	Plug	10
406209	Flanged Plug (Straight)	10
406210	Flanged Plug (Angled)	10
406305	Wall Mounted Plug	10
406405	Connector	10
406509	Flanged Socket (Angled)	10
406510	Flanged Socket (Straight)	10
406607	Wall Mounted Socket	10

5x16A (3P+N+E) - 380-415 V 6h 50-60 Hz

IP44 - Screw Connection

Product Code	Description	Box Qt.
406105V	Plug	10
406209V	Flanged Plug (Straight)	10
406210V	Flanged Plug (Angled)	10
406305V	Wall Mounted Plug	10
406405V	Connector	10
406509V	Flanged Socket (Angled)	10
406510V	Flanged Socket (Straight)	10
406607V	Wall Mounted Socket	10
406650V	Combination Unit	5
406680V	Wall Socket (Switched)	1
406441V	Adaptor	10

5x16A (3P+N+E) - 380-415 V 6h 50-60 Hz

IP67 - Screw Connection

Product Code	Description	Box Qt.
406106V	Plug	10
406211V	Flanged Plug (Straight)	10
406212V	Flanged Plug (Angled)	5
406307V	Wall Mounted Plug	5
406406V	Connector	10
406511V	Flanged Socket (Angled)	10
406512V	Flanged Socket (Straight)	10
406609V	Wall Mounted Socket	5
406686V	Wall Socket (Switched)	1
406150V	Phase Invertor Plug	10



For different Voltage and Clock Position options please contact us.

3x32A (2P+E) - 220-240 V 6h 50-60 Hz

IP44 - Quick Connection

Product Code	Description	Box Qt.
406107	Plug	10
406214	Flanged Plug (Angled)	10
406407	Connector	10
406513	Flanged Socket (Angled)	10
406514	Flanged Socket (Straight)	10
406611	Wall Mounted Socket	10

3x32A (2P+E) - 220-240 V 6h 50-60 Hz

IP44 - Screw Connection

Product Code	Description	Box Qt.
406107V	Plug	10
406213V	Flanged Plug (Straight)	10
406214V	Flanged Plug (Angled)	5
406308V	Wall Mounted Plug	10
406407V	Connector	10
406513V	Flanged Socket (Angled)	10
406514V	Flanged Socket (Straight)	10
406611V	Wall Mounted Socket	10
406681V	Wall Socket (Switched)	1

3x32A (2P+E) - 220-240 V 6h 50-60 Hz

IP - Screw Connection

Product Code	Description	Box Qt.
406108V	Plug	10
406215V	Flanged Plug (Straight)	10
406216V	Flanged Plug (Angled)	5
406310V	Wall Mounted Plug	5
406408V	Connector	10
406515V	Flanged Socket (Angled)	10
406516V	Flanged Socket (Straight)	10
406612V	Wall Mounted Socket	5
406687V	Wall Socket (Switched)	1



For different Voltage and Clock Position options please contact us.

4x32A (3P+E) - 380-415 V 6h 50-60 Hz

IP44 - Quick Connection

Product Code	Description	Box Qt.
406109	Plug	10
406217	Flanged Plug (Straight)	10
406218	Flanged Plug (Angled)	5
406311	Wall Mounted Plug	10
406409	Connector	10
406517	Flanged Socket (Angled)	10
406518	Flanged Socket (Straight)	10
406614	Wall Mounted Socket	10

4x32A (3P+E) - 380-415 V 6h 50-60 Hz

IP44 - Screw Connection

Product Code	Description	Box Qt.
406109V	Plug	10
406217V	Flanged Plug (Straight)	10
406218V	Flanged Plug (Angled)	5
406311V	Wall Mounted Plug	10
406409V	Connector	10
406517V	Flanged Socket (Angled)	10
406518V	Flanged Socket (Straight)	10
406614V	Wall Mounted Socket	10
406630V	Combination Unit	5
406682V	Wall Socket (Switched)	1

4x32A (3P+E) - 380-415 V 6h 50-60 Hz

IP67 - Screw Connection

Product Code	Description	Box Qt.
406110V	Plug	10
406219V	Flanged Plug (Straight)	10
406220V	Flanged Plug (Angled)	5
406313V	Wall Mounted Plug	5
406410V	Connector	10
406519V	Flanged Socket (Angled)	10
406520V	Flanged Socket (Straight)	10
406615V	Wall Mounted Socket	5
406615V	Wall Socket (Switched)	1



For different Voltage and Clock Position options please contact us.

5x32A (3P+N+E) - 380-415 V 6h 50-60 Hz

IP44 - Quick Connection

Product Code	Description	Box Qt.
406111	Plug	10
406221	Flanged Plug (Straight)	10
406222	Flanged Plug (Angled)	5
406314	Wall Mounted Plug	10
406411	Connector	10
406521	Flanged Socket (Angled)	10
406522	Flanged Socket (Straight)	10
406616	Wall Mounted Socket	10

5x32A (3P+N+E) - 380-415 V 6h 50-60 Hz

IP44 - Screw Connection

Product Code	Description	Box Qt.
406111V	Plug	10
406221V	Flanged Plug (Straight)	10
406222V	Flanged Plug (Angled)	5
406314V	Wall Mounted Plug	5
406411V	Connector	10
406521V	Flanged Socket (Angled)	10
406522V	Flanged Socket (Straight)	10
406616V	Wall Mounted Socket	5
406651V	Wall Socket (Switched)	1
406683V	Phase Invertor Plug	10

5x32A (3P+N+E) - 380-415 V 6h 50-60 Hz

IP67 - Screw Connection

Product Code	Description	Box Qt.
406111V	Plug	10
406221V	Flanged Plug (Straight)	10
406222V	Flanged Plug (Angled)	5
406314V	Wall Mounted Plug	10
406411V	Connector	10
406521V	Flanged Socket (Angled)	10
406522V	Flanged Socket (Straight)	10
406616V	Wall Mounted Socket	10
406651V	Flanged Socket (Straight)	10
406683V	Wall Mounted Socket	10



For different Voltage and Clock Position options please contact us.

3x63A (2P+E) - 220-240 V 6h 50-60 Hz

IP44

Product Code	Description	Box Qt.
406113	Plug	2
406225	Flanged Plug (Straight)	2
406413	Connector	2
406525	Flanged Socket (Angled)	2
406526	Flanged Socket (Straight)	2
406621	Wall Mounted Socket	2

3x63A (2P+E) - 220-240 V 6h 50-60 Hz

IP67

Product Code	Description	Box Qt.
406114	Plug	2
406227	Flanged Plug (Straight)	2
406228	Flanged Plug (Angled)	2
406318	Wall Mounted Plug	2
406414	Connector	2
406527	Connector	2
406528	Flanged Socket (Straight)	2
406620	Wall Mounted Socket	2



For different Voltage and Clock Position options please contact us.

4x63A (3P+E) - 380-415 V 6h 50-60 Hz

IP44

Product Code	Description	Box Qt.
406115	Plug	2
406229	Flanged Plug (Straight)	2
406415	Connector	2
406529	Flanged Socket (Angled)	2
406530	Flanged Socket (Straight)	2
406628	Wall Mounted Socket	2

4x63A (3P+E) - 380-415 V 6h 50-60 Hz

IP67

Product Code	Description	Box Qt.
406116	Plug	2
406231	Flanged Plug (Straight)	2
406232	Flanged Plug (Angled)	2
406320	Wall Mounted Plug	2
406416	Connector	2
406531	Flanged Socket (Angled)	2
406532	Flanged Socket (Straight)	2
406622	Wall Mounted Socket	2
406676	Interlock Wall Socket (Angled)	1



For different Voltage and Clock Position options please contact us.

5x63A (3P+N+E) - 380-415 V 6h 50-60 Hz

IP44

Product Code	Description	Box Qt.
406117	Plug	2
406233	Flanged Plug (Straight)	2
406417	Connector	2
406533	Flanged Socket (Angled)	2
406534	Flanged Socket (Straight)	2
406623	Wall Mounted Socket	2

5x63A (3P+N+E) - 380-415 V 6h 50-60 Hz

IP67

Product Code	Description	Box Qt.
406118	Plug	2
406235	Flanged Plug (Straight)	2
406236	Flanged Plug (Angled)	2
406322	Wall Mounted Plug	2
406418	Connector	2
406535	Flanged Socket (Angled)	2
406536	Flanged Socket (Straight)	2
406624	Wall Mounted Socket	2
406677	Interlock Wall Socket (Angled)	1



3x16A (2P+E) - 110 V 4h 50-60 Hz

Screw Connection

Product Code	Description	IP Degree	Box Qt.
406119	Plug	IP44	10
406237	Flanged Socket (Angled)	IP44	10
406238	Connector	IP44	10
406323	Wall Mounted Socket	IP44	10
406419	Plug	IP67	10
406537	Flanged Socket (Angled)	IP67	10
406538	Connector	IP67	10

4x16A (3P+E) - 110 V 4h 50-60 Hz

Screw Connection

Product Code	Description	IP Degree	Box Qt.
406123V	Plug	IP44	10
406543V	Flanged Socket (Angled)	IP44	10
406423V	Connector	IP44	10
406124V	Plug	IP67	10
406544V	Flanged Socket (Angled)	IP67	10
406424V	Connector	IP67	10

3x32A (2P+E) - 110 V 4h 50-60 Hz

Screw Connection

Product Code	Description	IP Degree	Box Qt.
406125V	Plug	IP44	10
406545V	Flanged Socket (Angled)	IP44	10
406425V	Connector	IP44	10
406126V	Plug	IP67	10
406546V	Flanged Socket (Angled)	IP67	10
406426V	Connector	IP67	10

4x32A (3P+E) - 110 V 4h 50-60 Hz

Screw Connection

Product Code	Description	IP Degree	Box Qt.
406127V	Plug	IP44	10
406547V	Flanged Socket (Angled)	IP44	10
406427V	Connector	IP44	10
406128V	Plug	IP67	10
406548V	Flanged Socket (Angled)	IP67	10
406428V	Connector	IP67	10



2x16A (2P) - 24 V 50-60 Hz

Screw Connection

Product Code	Description	IP Degree	Box Qt.
406132V	Plug	IP44	10
406551V	Flanged Socket (Angled)	IP44	10
406431V	Connector	IP44	10
406703V	Multiple Socket Outlet	IP44	10
406133V	Plug	IP67	10
406552V	Flanged Socket (Straight)	IP67	10
406432V	Connector	IP67	10

3x16A (3P) - 24 V 50-60 Hz

Screw Connection

Product Code	Description	IP Degree	Box Qt.
406134V	Plug	IP44	10
406553V	Flanged Socket (Straight)	IP44	10
406433V	Connector	IP44	10
406130V	Plug	IP67	10
406549V	Flanged Socket (Straight)	IP67	10
406429V	Connector	IP67	10

2x32A (2P) - 24 V 50-60 Hz

Screw Connection

Product Code	Description	IP Degree	Box Qt.
406135V	Plug	IP44	10
406554V	Flanged Socket (Straight)	IP44	10
406434V	Connector	IP44	10
406136V	Plug	IP67	10
406555V	Flanged Socket (Straight)	IP67	10
406435V	Connector	IP67	10

3x32A (3P) - 24 V 50-60 Hz

Screw Connection

Product Code	Description	IP Degree	Box Qt.
406137V	Plug	IP44	10
406556V	Flanged Socket (Straight)	IP44	10
406436V	Connector	IP44	10
406138V	Plug	IP67	10
406557V	Flanged Socket (Straight)	IP67	10
406437V	Connector	IP67	10



406132V



406551V



406553V



406135V



406435V

4x32A (3P+E) - 440 V 3h 50-60 Hhz		Container Plugs & Sockets	Screw Connection
Product Code	Description	IP Degree	Box Qt.
406129V	Plug	IP44	10
406439V	Flanged Socket (Angled)	IP44	10
406550V	Connector	IP44	10
406578V	Multiple Socket Outlet	IP44	10
406631V	Plug	IP67	5
406692V	Flanged Socket (Straight)	IP67	1



406129V



406439V



406550V



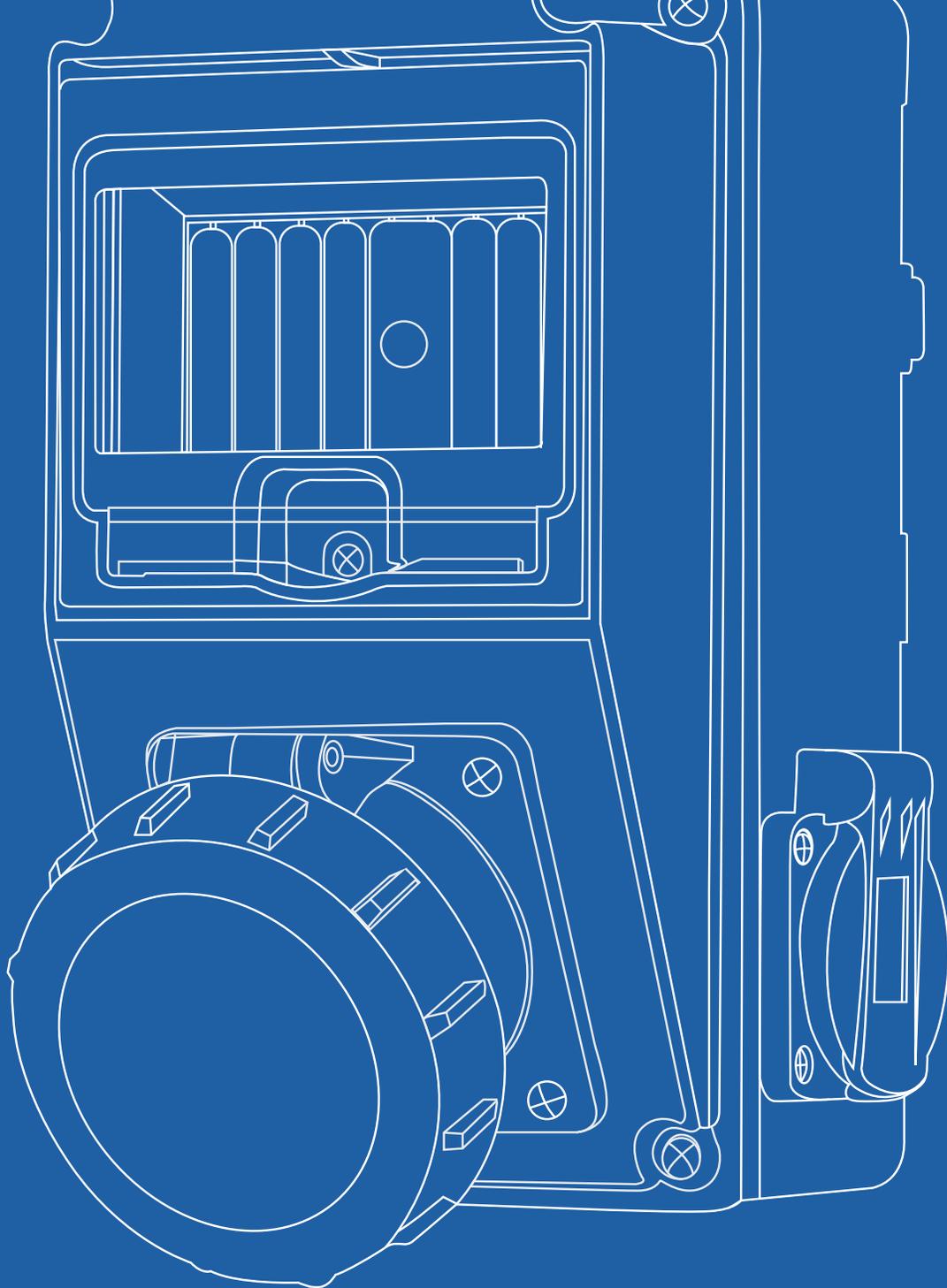
406578V



406692V







METE[®] COMBINATION
combination options

COMBINATION OPTIONS

110x210x106 mm - COMBINATION OPTIONS

Product Code	Front	Side	Box Qt.
70012505	1 x 406506V 4x16 IP44 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70022505	1 x 406510V 5x16 IP44 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70032505	1 x 406518V 4x32 IP44 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70042505	1 x 406522V 5x32 IP44 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70052505	1 x 406505V 4x16 IP44 Flanged Socket Angled	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70062505	1 x 406509V 5x16 IP44 Flanged Socket Angled	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70072505	1 x 406517V 4x32 IP44 Flanged Socket Angled	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70082505	1 x 406521V 5x32 IP44 Flanged Socket Angled	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70092505	1 x 406508V 4x16 IP67 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70102505	1 x 406512V 5x16 IP67 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70112505	1 x 406520V 4x32 IP67 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70122505	1 x 406524V 5x32 IP67 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70132505	1 x 406507V 4x16 IP67 Flanged Socket Angled	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70142505	1 x 406511V 5x16 IP67 Flanged Socket Angled	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70152505	1 x 406519V 4x32 IP67 Flanged Socket Angled	2x 404016ST06 1x16 Socket Outlet - IP44	2
70162505	1 x 406523V 5x32 IP67 Flanged Socket Angled	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70002505	1 x Ø 60 mm. Hole	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70542505	1 x 401040 3x16 IP44 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70552505	1 x 401042 3x25 IP44 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70562505	1 x 401041 3x32 IP44 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet - IP44	2
70552505E (Eco)	1 x 401042 3x25 IP44 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet - IP44	2

Do not supplied with MCB and /or RCB installed. Do not supplied ready wired.



Please contact us for more options

210x290x114 mm - COMBINATION OPTIONS

Product Code	Front 1	Front 2	Side	Box Qt.
70013505	2 x 406506V 4x16 IP44 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	2
70023505	2 x 406510V 5x16 IP44 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	2
70033505	2 x 406518V 4x32 IP44 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	2
70043505	2 x 406522V 5x32 IP44 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	2
70053505	2 x 406505V 4x16 IP44 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	2
70063505	2 x 406509V 5x16 IP44 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	2
70073505	2 x 406517V 4x32 IP44 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	2
70083505	1 x 406521V 5x32 IP44 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	2
70173505	1 x 406521V 5x32 IP44 Flanged Socket Angled	1 x 406518V 4x32 IP44 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet-IP44	2
70183505	1 x 406512V 5x16 IP67 Flanged Socket Straight	1 x 406517V 4x32 IP44 Flanged Socket Angled	2 x 404016ST06 1x16 Socket Outlet-IP44	2
70213505	1 x 406520V 4x32 IP67 Flanged Socket Straight	1 x 406522V 5x32 IP44 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet-IP44	2
70223505	1 x 406524V 5x32 IP67 Flanged Socket Straight	1 x 406521V 5x32 IP44 Flanged Socket Angled	2 x 404016ST06 1x16 Socket Outlet-IP44	2

Do not supplied with MCB and /or RCB installed. Do not supplied ready wired.



70013505

Please contact us for more options

210x290x114 mm - COMBINATION OPTIONS

Product Code	Front 1	Front 2	Side	Box Qt.
70333505	1 x 406506V 4x16 IP44 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70343505	1 x 406510V 5x16 IP44 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70353505	1 x 406518V 4x32 IP44 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70363505	1 x 406522V 5x32 IP44 Flanged Socket Straight		2x 404016ST06 1x16 Socket Outlet-IP44	1
70373505	1 x 406505V 4x16 IP44 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70383505	1 x 406509V 5x16 IP44 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70393505	1 x 406517V 4x32 IP44 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70083505	1 x 406521V 5x32 IP44 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70003505	2 x Ø 60 mm. Hole		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70543505	2 x 401040 3x16 IP44 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70553505	2 x 401042 3x25 IP44 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70563505	2 x 401041 3x32 IP44 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1

Do not supplied with MCB and /or RCB installed. Do not supplied ready wired.



70343505

Please contact us for more options

210x290x114 mm - COMBINATION OPTIONS

Product Code	Front 1	Front 2	Side	Box Qt.
70093505	2 x 406508V 4x16 IP67 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70103505	2 x 406512V 5x16 IP67 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70113505	2 x 406520V 4x32 IP67 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70123505	2 x 406524V 5x32 IP67 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70133505	2 x 406507V 4x16 IP67 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70143505	2 x 406511V 5x16 IP67 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70153505	2 x 406519V 4x32 IP67 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70163505	2 x 406523V 5x32 IP67 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70193505	1 x 406508V 4x16 IP67 Flanged Socket Straight	1 x 406520V 4x32 IP67 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet-IP44	1
70203505	1 x 406507V 4x16 IP67 Flanged Socket Angled	1 x 406519V 4x32 IP67 Flanged Socket Angled	2 x 404016ST06 1x16 Socket Outlet-IP44	1
70233505	1 x 406512V 5x16 IP67 Flanged Socket Straight	1 x 406524V 5x32 IP67 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet-IP44	1
70243505	1 x 406511V 5x16 IP67 Flanged Socket Angled	1 x 406523V 5x32 IP67 Flanged Socket Angled	2 x 404016ST06 1x16 Socket Outlet-IP44	1

Do not supplied with MCB and /or RCB installed. Do not supplied ready wired.



70153505

210x290x114 mm - COMBINATION OPTIONS

Product Code	Front 1	Front 2	Side	Box Qt.
70413505	1 x 406508V 4x16 IP67 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70423505	1 x 406512V 5x16 IP67 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70433505	1 x 406520V 4x32 IP67 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70443505	1 x 406524V 5x32 IP67 Flanged Socket Straight		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70453505	1 x 406507V 4x16 IP67 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70463505	1 x 406511V 5x16 IP67 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70473505	1 x 406519V 4x32 IP67 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70483505	1 x 406523V 5x32 IP67 Flanged Socket Angled		2 x 404016ST06 1x16 Socket Outlet-IP44	1
70513505	1 x 406520V 4x32 IP67 Flanged Socket Straight	1 x 406532 4x63 IP67 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet-IP44	1
70523505	1 x 406524V 5x32 IP67 Flanged Socket Straight	1 x 406536 5x63 IP67 Flanged Socket Straight	2 x 404016ST06 1x16 Socket Outlet-IP44	1

Do not supplied with MCB and /or RCB installed. Do not supplied ready wired.

140x210x114 mm - COMBINATION OPTIONS

Product Code	Front 1	Side	Box Qt.
70004605	1 x Ø 60 mm. Hole	2 x 404016ST06 1x16 Socket Outlet - IP44	1
71214605	1 x 406533 5x63 IP44 Flanged Socket Angled	2 x 404016ST06 1x16 Socket Outlet - IP44	1

Do not supplied with MCB and /or RCB installed. Do not supplied ready wired.



Various types of combinations available.
Assembly is free of charge.
(cabling not included)
Please contact us for more options.

INSPIRED BY NATURE

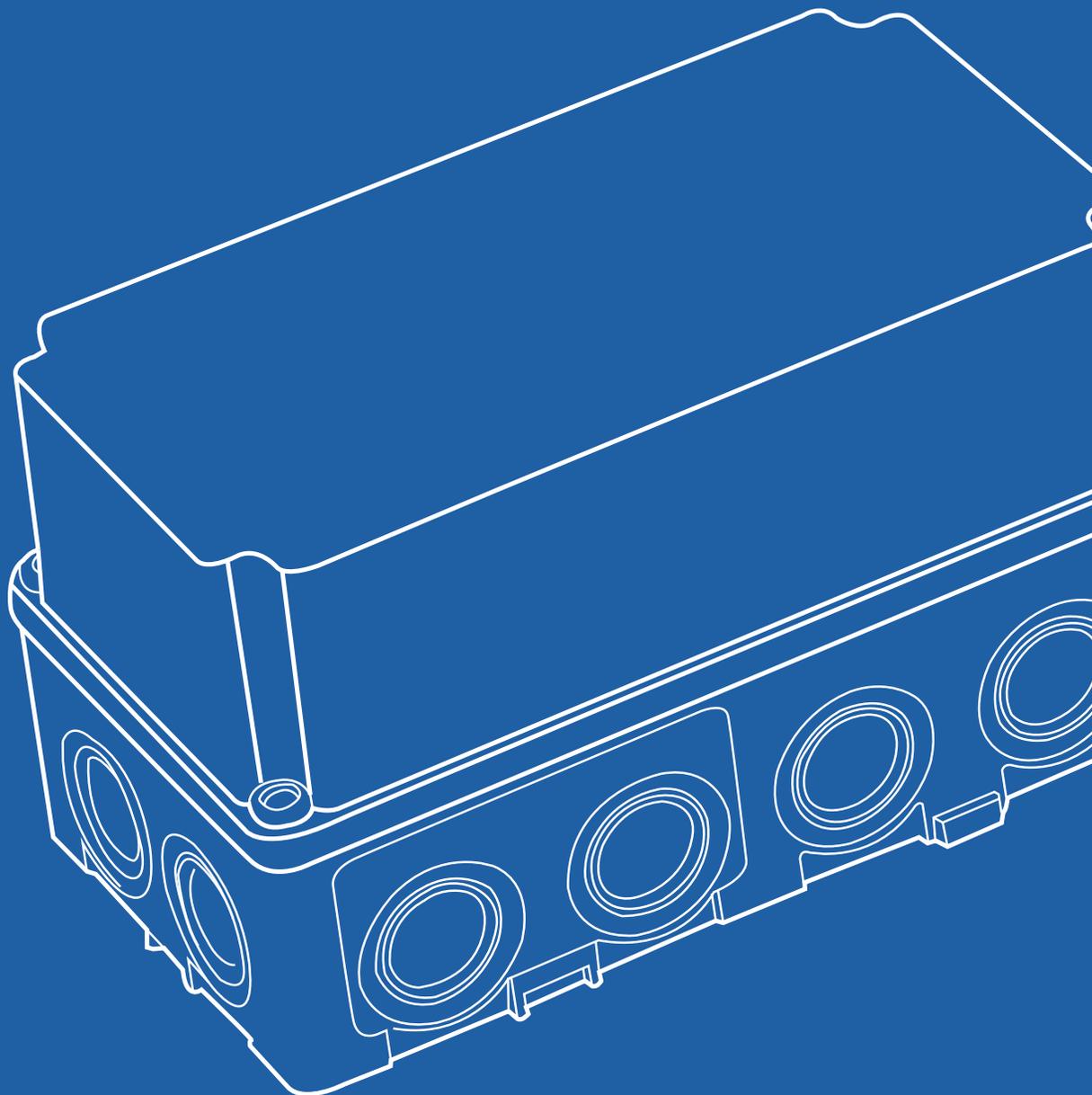
The electric power in a single lightning flash is about 200 thousand amperes. This electrical power can cause the lightning channel heat up to about 28,000 degrees Celsius.



METE COMBINATION

METE[®]
powerful connections





MEET BOX[®]
thermoplastic enclosures

THERMOPLASTIC & ALUMINUM ENCLOSURES



Our aluminum enclosures and push button boxes provides IP67 / IP68 protection. These protection degrees are ensured by the help of formed in plays foam gasketing technology which is the highest in the world.

Carried out with CNC controlled sealing machine polyurethane material pured into the product and with chemical reaction it is swollen to fill the channel without forming a joint while it provides watertightness.

In this case, the protection degree is reached every time under the same quality conditions provided.



All our enclosures can be customized according to your drawings.

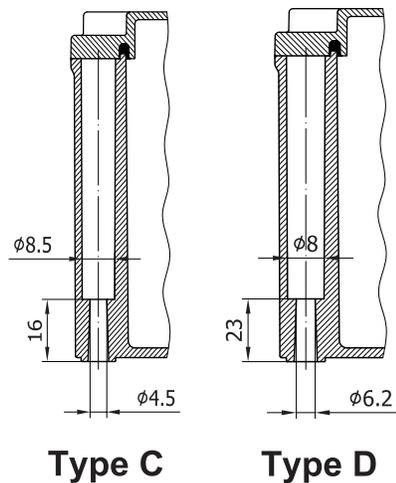
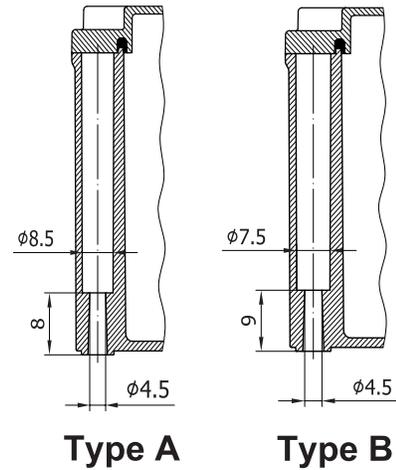
ALUMINUM ENCLOSURES

Protection Degree	IP67 / IP68
Impact Resistance	IK 09
Operation Temperature	-40 °C / +80 °C
Color	Grey RAL 7040
Gasket	PU
Screws	Stainless Steel
Earthing	Both on Cover & Base

ALUMINUM ENCLOSURE

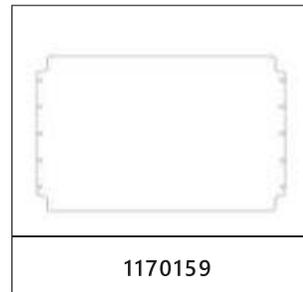
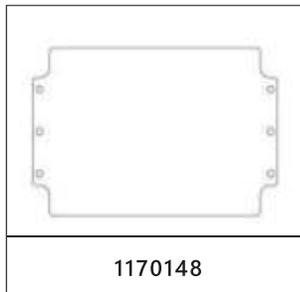
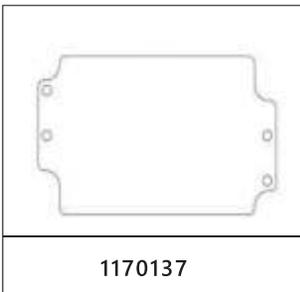
Product Code	Description	Surface Mounting Screw Type	IP Gegree	Box Qt.
402502	65x65x40	Type B	IP67	25
402503	65x100x40	Type B	IP67	20
402504	80x80x60	Type B	IP67	44
402554	80x80x73	Type B	IP67	36
402505	80x130x60	Type B	IP67	28
402555	80x130x73	Type B	IP67	24
402506	100x100x73	Type A	IP67	12
402556	100x100x90	Type A	IP67	20
402508	100x130x73	Type A	IP67	18
402507	80x170x60	Type B	IP67	18
402510	80x170x73	Type B	IP67	12
402509	80x230x73	Type B	IP67	8
402558	100x160x80	Type B	IP67	12
402560	100x200x80	Type B	IP67	10
402562	120x220x90	Type C	IP67	8
402511	130x130x90	Type C	IP67	9
402512	130x190x90	Type C	IP67	6
402514	130x230x90	Type C	IP67	4
402564	140x200x90	Type C	IP67	4
402516	160x160x90	Type C	IP67	6
402517	160x260x90	Type C	IP67	5
402517H	160x260x90 (With Hinge)	Type C	IP67	4
402518	170x190x90	Type C	IP67	3
402540	180x180x100	Type C	IP67	3
402542	180x280x100	Type C	IP67	3
402520	190x250x90	Type C	IP67	3
402520H	190x250x90 (With Hinge)	Type C	IP67	3
402521	190x250x110	Type C	IP67	3
402521H	190x250x110 (With Hinge)	Type C	IP67	3
402522	190x350x90	Type C	IP67	3
402522H	190x350x90 (With Hinge)	Type C	IP67	3
402524	250x250x110	Type D	IP67	3
402524H	250x250x110 (With Hinge)	Type D	IP67	3
402530	310x400x140	Type D	IP67	3
402530H	310x400x140 (With Hinge)	Type D	IP67	3
29980	Hinge Set (402517/402520/402520)		IP67	
29981	Hinge Set (402524/402530)		IP67	

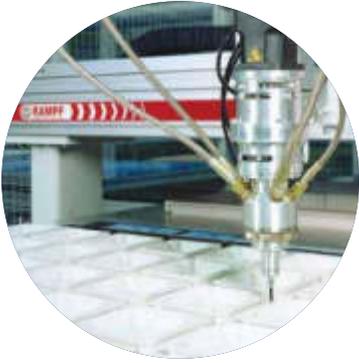
Enclosure Surface Mounting Screw Types



ALUMINIUM ENCLOSURE - GALVANIZED MOUNTING PLATE

Product Code	Dimension (mm)	Thickness (mm)
1170137	80X130	1.5
1170138	80X170	1.5
1170139	80X230	5
1170140	100X100	5
1170141	100X130	5
1170142	100X160	5
1170143	100X200	5
1170144	120X220	5
1170145	130X130	5
1170146	130X190	5
1170147	130X230	5
1170148	140x200	5
1170149	160X160	5
1170150	160X260	5
1170151	170X190	5
1170152	170X190	5
1170153	180X180	5
1170155	180X280	5
1170156	190X250	5
1170157	190X350	2.0
1170158	250X250	2.0
1170159	310X400	2.0





• Durable fixing brackets increase IP Degree.



• Wide interior space makes connections easier.

All of our enclosure range can reach up to IP67 protection degree due to the newest technique for gasketing which is known as Formed in Place Foam Gasketing.



All our enclosures can be customized according to your drawings.



Cable Glands

- Protection degree IP55
- Fits tight through cable entries.
- Flexible raw material causes high ability of surrounding the cable.
- Long life raw material resistant to different weather conditions.

THERMOPLASTIC ENCLOSURES

Material	ABS
Protection Degree	IP44 / IP66 / IP67
Impact Resistance	IK 06
Temperature Range	-40 °C / +60 °C
Flammability	Base: 650 °C HF / PC Cover: 750 °C HF - ABS Cover: 650 °C HF
Color	Grey RAL 7035
Transparent Covers	Polycarbonate
Gasket	Polyurethane (PU)
Screws	Stainless Steel

COMBINATION BOX

Product Code	Description	IP Degree	Box Qt.
40202505	110x210x106 (5 Modules)	IP66	15
40204605	140x210x114 (7 Modules)	IP66	14
40203505	210x290x114 (10 Modules)	IP66	7
40207505	290x290x114 (14 Modules)	IP66	5
40208705	210x440x114 (10 Modules)	IP66	6
40208805	210x440x114 (10 Modules)	IP66	6
40209005	210x440x114 (2x10 Modules)	IP66	6
40209105	210x440x114 (10 Modules)	IP66	6
T3950	125x495x110 (6 Units)	IP65	18
T3951	230x506x130 (8 Units)	IP65	6
T3952	330x506x130 (16 Units)	IP65	4
T3974	330x330x130 (16 Units)	IP65	1
T3977	685x330x150 (2x16 Units)	IP65	1



THERMOPLASTIC ENCLOSURE

Product Code	Description	IP Degree	Box Qt.
40200205	60x60x55 ABS Mini Enclosure	IP67	16
40200305	Ø80x45 (Press Lid)	IP44	120
40200605	Ø80x45 (Screw Lid)	IP67	120
40200505	90x90x45 (Press Lid)	IP44	120
40200805	90x90x45 (Screw Lid)	IP44	120
40200405	90x90x50 (Press Lid)	IP44	120
40200705	100x100x50 (Press Lid)	IP44	85
40201005	110x110x65	IP67	60
40201505	110x150x70	IP67	20
40201705	110x180x70	IP67	20
40202005	110x210x70	IP67	28
40204005	140x210x90	IP67	18
40205005	210x210x90	IP67	9
40208005	190x240x90	IP67	12
40203005	210x290x90	IP67	9
40207005	290x290x90	IP67	8
40208505	210x440x90	IP67	8
T3953	230x506x130	IP65	6
T3954	330x506x130	IP65	4
T3955	330x180x130	IP65	12
T3956	330x330x130	IP65	6



THERMOPLASTIC ENCLOSURE

Product Code	Description	IP Degree	Box Qt.
40201205	110x110x100	IP67	30
40201605	110x150x120	IP67	26
40201805	110x180x120	IP67	26
40202205	110x210x120	IP67	15
40204205	140x210x140	IP67	12
40205205	210x210x140	IP67	7
40208205	190x240x160	IP67	6
40203205	210x290x140	IP67	6
40207205	290x290x140	IP67	4
40208605	210x440x140	IP67	5



THERMOPLASTIC ENCLOSURE

Enclosure with Soft Cable Gland

Product Code	Description	IP Degree	Box Qt.
40201105	110x110x65	IP65	60



THERMOPLASTIC ENCLOSURE

Transparent Cover

Product Code	Description	IP Degree	Box Qt.
40201507	110x150x70	IP67	40
40201707	110x180x70	IP67	40
40202007	110x210x70	IP67	28
40204007	140x210x90	IP67	18
40205007	210x210x90	IP67	9
40208007	190x240x90	IP67	12
40203007	210x290x90	IP67	9
40207007	290x290x90	IP67	8



THERMOPLASTIC ENCLOSURE

Deep Transparent Cover

Product Code	Description	IP Degree	Box Qt.
40201207	110x110x100	IP67	30
40201607	110x150x120	IP67	26
40201807	110x180x120	IP67	26
40202207	110x210x120	IP67	15
40204207	140x210x140	IP67	12
40205207	210x210x140	IP67	7
40208207	190x240x160	IP67	6
40203207	210x290x140	IP67	6
40207207	290x290x140	IP67	4





THERMOPLASTIC ENCLOSURE FOR TERMINAL

Deep Cover

Product Code	Description	IP Degree	Box Qt.
40202305	110x210x120	IP67	15
40203605	210x290x140	IP67	6



40202305



40203605

THERMOPLASTIC ENCLOSURE FOR TERMINAL

Deep Transparent Cover

Product Code	Description	IP Degree	Box Qt.
40202307	110x210x120	IP67	15
40203607	210x290x140	IP67	6



40202307



40203607

SURFACE MOUNTING DISTRIBUTION BOX

Product Code	Description	IP Degree	Box Qt.
40204505	140x210x114 (10 Units)	IP66	15
40205505	210x290x114 (2x10 Units)	IP66	7
40206005	210x290x140 (14 Units)	IP66	6
40208905	210x440x114 (3x10 Units)	IP66	6
T3964	180x330x150 (13 Units)	IP65	12
T3965	180x330x150 (2x3 Units)	IP65	12
T3904-T	217x141x105 (4 Units)	IP65	32
T3908-T	235x217x105 (8 Units)	IP65	16
T3912-T	307x217x105 (12 Units)	IP65	12
T3926-T	307x409x115 (26 Units)	IP65	5
T3942-T	326x563x150 (42 Units)	IP65	4



40204505



40206005



40208905



T3912-T



T3942-T



- Stainless steel screws for cover
- Stainless steel base plate
- Plastic lock system
- Enclosure design for installation of DIN rails and terminals
- Suitable for the assembly of low voltage switchgear equipment

WATERPROOF PLASTIC BOARD

Material	ABS
Protection Degree	IP65
Impact Resistance	IK10
Temperature Range	-25 °C / +60 °C
Flammability	GWT: 650 °C GWT HF:960 °C
Color	Grey RAL 7035
Transparent Covers	Polycarbonate
Gasket	Polyurethane (PU)
Screws	Nickel Plated

WATERPROOF PLASTIC BOARD

ABS - Opaque

Product Code	Description	IP Degree	Box Qt.
50000105	200x300x130	IP65	1
50000205	250x350x150	IP65	1
50000305	300x400x170	IP65	1
50000405	300x400x220	IP65	1
50000505	350x500x190	IP65	1
50000605	400x500x180	IP65	1
50000705	400x500x240	IP65	1
50000805	400x600x200	IP65	1
50000905	500x700x250	IP65	1
50001005	600x800x260	IP65	1
50001105	500x600x260	IP65	1



WATERPROOF PLASTIC BOARD

ABS/PC - Transparent

Product Code	Description	IP Degree	Box Qt.
50002107	200x300x130	IP66	1
50002207	250x350x150	IP66	1
50002307	300x400x170	IP66	1
50002407	300x400x220	IP66	1
50002507	350x500x190	IP65	1
50002607	400x500x180	IP65	1
50002707	400x500x240	IP65	1
50002807	400x600x200	IP65	1
50002907	500x700x250	IP65	1
50003007	600x800x260	IP65	1
50003 07	500x 00x260	IP65	1



MODULAR DISTRIBUTION BOARD

ABS - Opaque

Product Code	Description	IP Degree	Box Qt.
50005105	250x350x150 (8x2 ABS MODULAR DISTRIBUTION BOARD)	IP65	1
50006305	300x400x170 (12x2 ABS MODULAR DISTRIBUTION BOARD)	IP65	1
50005205	350x500x190 (12x3 ABS MODULAR DISTRIBUTION BOARD)	IP65	1
50006805	400x600x200 (15x4 ABS MODULAR DISTRIBUTION BOARD)	IP65	1



50005105



50005205

MODULAR DISTRIBUTION BOARD

ABS/PC - Transparent

Product Code	Description	IP Degree	Box Qt.
50005307	250x350x150 (8x2 PC TRANSPARENT MODULAR DISTRIBUTION BOARD)	IP65	1
50006407	300x400x170 (12x2 PC TRANSPARENT MODULAR DISTRIBUTION BOARD)	IP65	1
50005407	350x500x190 (12x3 PC TRANSPARENT MODULAR DISTRIBUTION BOARD)	IP65	1
50006907	400x600x200 (15x4 PC TRANSPARENT MODULAR DISTRIBUTION BOARD)	IP65	1



50005307



50005407

DISTRIBUTION BOARD ACCESSORIES

Product Code	Description	Box Qt.
50017905	LOCK CORE KIT	1
50018005	PANEL WALL MOUNTING DEVICE (SET OF 4) 1	1
50018105	PLASTIC TRIANGLE KEY 1	1
50018205	PANEL SEPARATOR FASTENING SCREW 1	1

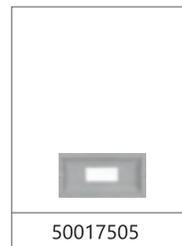


GALVANIZED BASE SHEETS

Product Code	Description	Thickness	Product Code	Description	Thickness
500160	200X300X130	0,80 MM	500166	400X500X240	0,80 MM
500161	250X350X150	0,80 MM	500167	400X600X200	1,00 MM
500162	300X400X170	0,80 MM	500168	500X600X220	0,80 MM
500163	300X400X220	0,80 MM	500169	500X700X250	1,00 MM
500164	350X500X190	0,80 MM	500170	600X800X260	1,00 MM
500165	400X500X180	0,80 MM	500171	500X600X260	1,00 MM

MODULAR KITS AND SEPERATORS

Product Code	Description
50017105	250X350X150 MODULAR ENCLOSURE MOUNTING DINRAIL + PLASTIC CURTAIN 18 (8X2)
50017205	300X400X170 MODULAR ENCLOSURE MOUNTING DINRAIL + PLASTIC CURTAIN 24 (12X2)
50017305	350X500X190 MODULAR ENCLOSURE MOUNTING DINRAIL + PLASTIC CURTAIN 45 (15X3)
50017405	400X600X200 MODULAR ENCLOSURE MOUNTING DINRAIL + PLASTIC CURTAIN 60 (15X4)
50017505	250X350X150 PLASTIC CURTAIN FOR (8x2)
50017605	300X400X170 PLASTIC CURTAIN FOR (12x2)
50017705	350X500X190 PLASTIC CURTAIN FOR (15x3)
50017805	400X600X200 PLASTIC CURTAIN FOR (15x4)



THERMOPLASTIC CONTROL STATION		IP44
Product Code	Description	Box Qt.
4021010508	1 x 23mmØ Hole Emergency Stop (Yellow)	16
4021010504	1 x 23mmØ Hole	16
4021020504	2 x 23mmØ Holes	12
4021030504	3 x 23mmØ Holes	8
4021040504	4 x 23mmØ Holes	8
2939808	Shroud (Yellow) 23mmØ	40

THERMOPLASTIC CONTROL STATION		IP67
Product Code	Description	Box Qt.
4021110508	1 x 23mmØ Hole Emergency Stop (Yellow)	16
4021110504	1 x 23mmØ Hole	16
4021120504	2 x 23mmØ Holes	12
4021130504	3 x 23mmØ Holes	8
4021140504	4 x 23mmØ Holes	8
2939908	Shroud (Yellow) 23mmØ	40




ALUMINIUM CONTROL STATION
IP67

Product Code	Description	Box Qt.
402600	80x80x73 (1 x 22,5mmØ Hole)	36
402610	80x130x73 (2 x 22,5mmØ Holes)	20
402620	80x170x73 (3 x 22,5mmØ Holes)	18
402621	80x170x73 (4 x 22,5mmØ Holes)	18
402630	80x230x73 (5 x 22,5mmØ Holes)	12
402631	80x230x73 (6 x 22,5mmØ Holes)	12
402605	80x80x73 (With Shroud 1 x 22,5mmØ Hole)	24
402615	80x130x73 (With Shroud 2 x 22,5mmØ Holes)	12
402625	80x170x73 (With Shroud 3 x 22,5mmØ Holes)	10
402626	80x170x73 (With Shroud 4 x 22,5mmØ Holes)	10
402635	80x230x73 (With Shroud 5 x 22,5mmØ Holes)	8
402636	80x230x73 (With Shroud 6 x 22,5mmØ Holes)	8

For gray color option in cover please contact us.



ACCESSORIES

Product Code	Description	IP Degree	Box Qt.
2019605	Cable Gland (90x90x50 mm For Thermoplastic Enclosure)	IP54	-
1220130	Neutral and Earth Terminal Bar (4 Units)	-	-
1220120	Neutral and Earth Terminal Bar (6 Units)	-	-
2005805	Joint Part (PG 29)	-	-
20013	Fixing Bracket (38x38)	-	-
20040	Fixing Bracket (60x60)	-	-
20040P	Fixing Bracket (56x56)	-	-
20041	Fixing Bracket (70x70)	-	-
2034904	Fixing Bracket (60x73)	-	-
2001104	Fixing Bracket (Multifunctional)	-	-
T3903	Joint Part (M40)	-	-
T3400-B	Cover (9 Units)	-	-
TSPTA-12	Neutral and Earth Terminal Bar (2x16 mm ² + 12x10 mm ²)	-	-
2002707	110x210x106 mm Distribution Box Cover	-	-
2003707	210x290x114 mm Distribution Box Cover	-	-



SOFT CABLE GLANDS

Product Code	Description	IP Degree	Box Qt
20054	PG 16 Cable Gland	IP55	-
20055	PG 21 Cable Gland	IP55	-
20056	PG 29 Cable Gland	IP55	-

Color Coding

-02
-04
-05



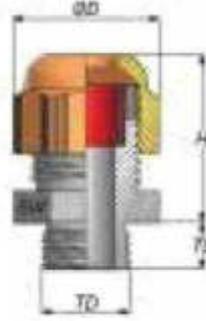
CABLE GLANDS

Product Code	Description	IP Degree	Box Qt.
50101	PG 7 Plastic	IP68	400
50102	PG 9 Plastic	IP68	300
50103	PG 11 Plastic	IP68	200
50104	PG 13,5 Plastic	IP68	150
50105	PG 16 Plastic	IP68	125
50106	PG 21 Plastic	IP68	75
50107	PG 29 Plastic	IP68	30
50108	PG 36 Plastic	IP68	20
50109	PG 42 Plastic	IP68	15
50110	PG 48 Plastic	IP68	10
50502	M12x1.5 Plastic	IP68	200
50503	M16x1.5 Plastic	IP68	150
50504	M20x1.5 Plastic	IP68	100
50505	M25x1.5 Plastic	IP68	100
50506	M32x1.5 Plastic	IP68	100
50507	M40x1.5 Plastic	IP68	50
50508	M50x1.5 Plastic	IP68	25
50509	M63x1.5 Plastic	IP68	10
50201	PG 7 Metal	IP68	400
50202	PG 9 Metal	IP68	300
50203	PG 11 Metal	IP68	200
50204	PG 13,5 Metal	IP68	150
50205	PG 16 Metal	IP68	125
50206	PG 21 Metal	IP68	75
50207	PG 29 Metal	IP68	30
50208	PG 36 Metal	IP68	20
50209	PG 42 Metal	IP68	15
50210	PG 48 Metal	IP68	10
50602	M12x1.5 Metal	IP68	200
50603	M16x1.5 Metal	IP68	150
50604	M20x1.5 Metal	IP68	100
50605	M25x1.5 Metal	IP68	100
50606	M32x1.5 Metal	IP68	100
50607	M40x1.5 Metal	IP68	50
50609	M50x1.5 Metal	IP68	25
50609	M63x1.5 Metal	IP68	10



Poliamide Cable Gland

Material: Poliamide 6
 Certificate: GOST, CE
 Working Temperature: -30°C to 80°C
 Protection Class: IP 68,5 bar
 Seal: Choloprene
 Colour: Gray, black

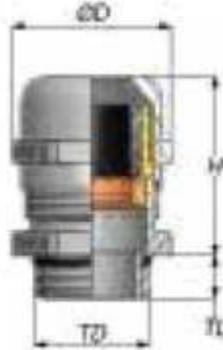


PG Size	TD (mm)	TL (mm)	SW (mm)	Max. H (mm)	D (mm)	Cable Diameter Min-Max (mm)
PG-7	13,0	8,0	15,0	22,0	17,1	3,0 - 6,5
PG-9	16,0	8,0	19,0	25,0	21,6	4,0 - 8,0
PG-11	19,0	8,0	22,0	28,0	25,0	5,0 - 10,0
PG-13,5	21,0	9,0	24,0	29,0	27,8	6,0 - 12,0
PG-16	23,0	10,0	27,0	31,0	30,8	10,0 - 14,0
PG-21	29,0	11,0	33,0	35,0	37,8	13,0 - 18,0
PG-29	37,0	11,0	42,0	40,0	48,0	18,0 - 25,0
PG-36	47,0	13,0	53,0	49,0	60,0	22,0 - 32,0
PG-42	54,0	13,0	60,0	49,0	67,7	30,0 - 38,0
PG-48	59,0	14,0	65,0	49,0	72,2	34,0 - 44,0

Metric Size	TD (mm)	TL (mm)	SW (mm)	Max. H (mm)	D (mm)	Cable Diameter Min-Max (mm)
M12x1,5	12,0	8,0	15,0	22,0	17,1	3,0 - 6,5
M16x1,5	16,0	10,0	22,0	28,0	25,0	5,0 - 10,0
M20x1,5	20,0	10,0	24,0	29,0	27,8	6,0 - 12,0
M25x1,5	25,0	10,0	33,0	35,0	37,8	13,0 - 18,0
M32x1,5	32,0	18,0	42,0	40,0	48,0	18,0 - 25,0
M40x1,5	40,0	18,0	53,0	49,0	60,0	22,0 - 32,0
M50x1,5	50,0	18,0	60,0	49,0	67,7	30,0 - 38,0
M63x1,5	63,0	18,0	65,0	49,0	72,2	34,0 - 44,0

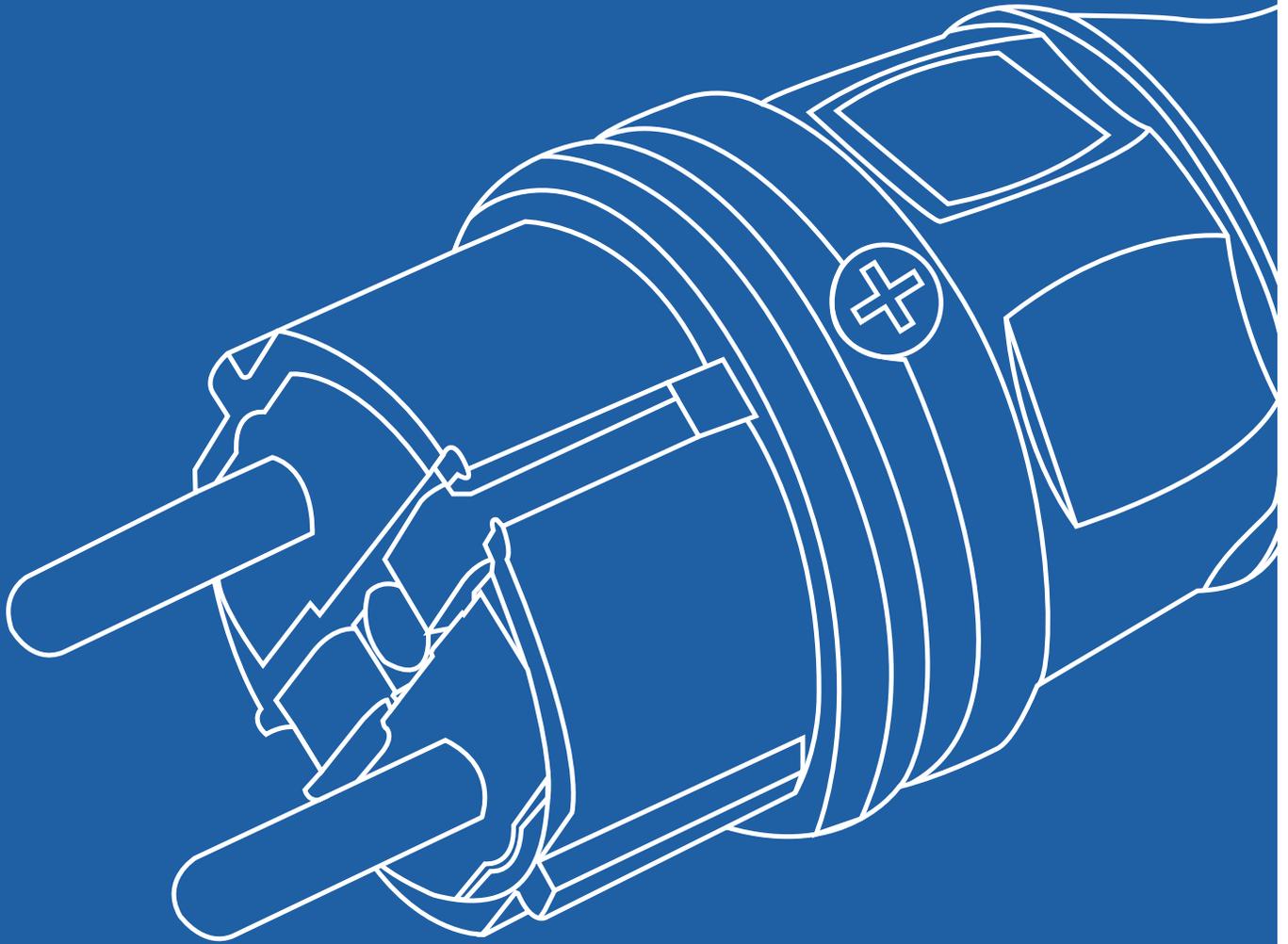
Metal Cable Gland IP68

Material: Nickel plated brass
 Certificate: CE, GOST
 Working Temperature: -40°C to 100°C
 Protection Class: IP 68
 Inside: Poliamide 6
 Sealing ring: Choloprene
 O-ring: NBR



PG Size	TD (mm)	TL (mm)	SW1 (mm)	SW2 (mm)	Max. H (mm)	D (mm)	Cable Diameter Min-Max (mm)
PG-7	12,5	6,0	14,0	14,0	21,8	15,4	3,0 - 6,5
PG-9	15,2	6,0	17,0	17,0	22,6	18,7	4,0 - 8,0
PG-11	18,6	6,0	20,0	20,0	25,3	22,0	5,0 - 10,0
PG-13,5	20,4	6,5	22,0	22,0	24,1	24,2	6,0 - 12,0
PG-16	22,5	6,5	24,0	24,0	27,5	26,4	10,0 - 14,0
PG-21	28,3	7,2	30,0	30,0	31,2	33,0	13,0 - 18,0
PG-29	37,0	8,0	40,0	40,0	39,3	44,0	18,0 - 25,0
PG-36	47,0	9,0	50,0	50,0	47,2	55,0	22,0 - 32,0
PG-42	54,0	12,0	58,0	58,0	47,7	63,8	30,0 - 38,0
PG-48	59,3	14,0	64,0	64,0	52,0	70,4	34,0 - 44,0

Metric Size	TD (mm)	TL (mm)	SW1 (mm)	SW2 (mm)	Max. H (mm)	D (mm)	Cable Diameter Min-Max (mm)
M12x1,5	12,0	6,0	14,0	14,0	21,5	15,4	3,0 - 6,5
M16x1,5	16,0	7,0	17,0	18,0	23,0	19,8	4,0 - 8,0
M16x1,5	16,0	7,0	20,0	20,0	24,0	22,0	4,5 - 10,0
M20x1,5	20,0	8,0	22,0	22,0	24,3	24,2	6,0 - 12,0
M25x1,5	25,0	8,0	24,0	27,0	27,6	29,7	10,0 - 14,0
M25x1,5	25,0	8,0	30,0	30,0	29,5	33,0	12,0 - 18,0
M32x1,5	32,0	9,0	30,0	34,0	31,2	37,4	13,0 - 18,0
M32x1,5	32,0	8,0	40,0	40,0	35,0	41,8	17,0 - 24,0
M40x1,5	40,0	9,0	40,0	43,0	38,5	47,3	18,0 - 25,0
M40x1,5	40,0	8,0	50,0	50,0	42,0	55,0	22,0 - 32,0
M50x1,5	50,0	9,0	50,0	55,0	47,3	60,5	22,0 - 32,0
M50x1,5	50,0	9,0	57,0	57,0	49,0	62,7	29,0 - 40,0
M63x1,5	63,0	14,0	64,0	68,0	50,3	74,8	34,0 - 44,0
M63x1,5	63,0	10,0	75,0	75,0	54,0	82,5	37,0 - 53,0



METE SOLID[®]
rubber plugs and sockets

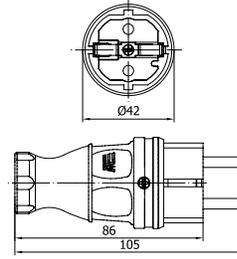
RUBBER PLUGS & SOCKETS

General Features of Plugs



404001

- IP44 Protection Degree
- For Toughest Conditions
- Durable Rubber
- Double Earth System
- Easy To Use
- Solid Design
- Time Saving Easy Installation
- Wide Connection Range

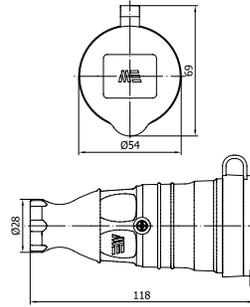


Socket



404010

- IP44 Protection Degree
- For Toughest Conditions
- Durable Rubber
- Double Earth System
- Easy To Use
- Solid Design
- Time Saving Easy Installation
- Wide Connection Range



INSERTS

Material	PA6
Poles	2P+E
Electrical Data	16A 250V
Rated Current	16A
Voltage	250V
Impact Resistance	2 kV
Isolation Resistance	$\geq 5^{10} \Omega$
Flammability acc. to UL 94	V0
Mechanical Operating Life	≥ 10.000

CONTACTS

Material	Brass
Surface	Nickel Plate
Contact Resistance	$\leq 1 \text{ m} \Omega$
Connection Type	Screw Connection

HOUSINGS

Material	TPE
Protection Degree	IP44



1x16A (2P+E) - 220-240 V RUBBER PLUGS AND SOCKETS

Austrian/German system  

Product Code	Description	IP Degree	BOX Qt.
404001	Plug	IP44	30
404003	Angled Plug	IP44	30
404005	2 Way Connector	IP44	10
404007	4 Way Connector	IP44	6
404009	Wall Socket Outlet Angled	IP44	8
404010	Connector	IP44	20
404012	Wall Socket Outlet	IP44	20
404014	3 Way Connector	IP44	6
404029	Connector without Cover	IP21X	20



1x16A (2P+E) - 220-240 V RUBBER PLUGS AND SOCKETS

French/Belgian system  

Product Code	Description	IP Degree	BOX Qt.
404002	Plug	IP44	30
404004	Angled Plug	IP44	30
404006	2 Way Connector	IP44	10
404008	4 Way Connector	IP44	6
404049	Wall Socket Outlet Angled	IP44	8
404011	Connector	IP44	20
404013	Wall Socket Outlet	IP44	20
404015	3 Way Connector	IP44	6



1x16A (2P+E) - 220-240 V SOCKETS

Austrian/German system  

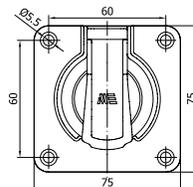
Product Code	Description	Cable Entry	IP Degree	Box Qt.
40402005	Schuko Socket Outlet (Flange : 75x75)	Side	IP44	20
40404005	Schuko Socket Outlet (Flange : 75x75)	Side	IP54	20
40402605	Schuko Socket Outlet (Flange : 75x75)	Back	IP44	20
40404605	Schuko Socket Outlet (Flange : 75x75)	Back	IP54	20



1x16A (2P+E) - 220-240 V SOCKETS

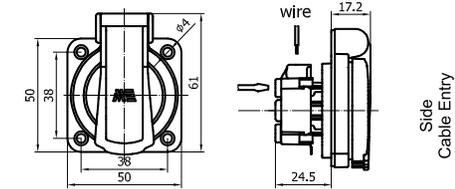
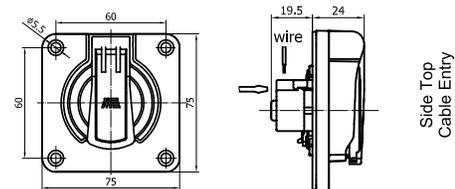
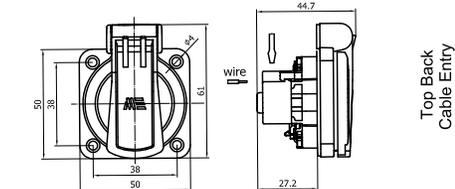
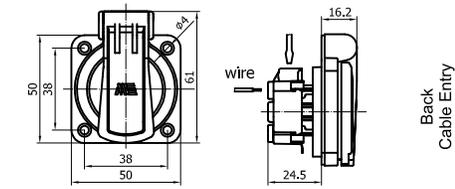
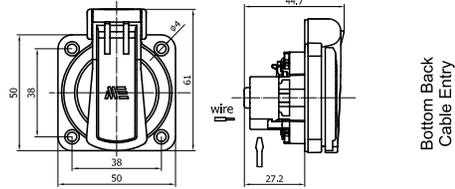
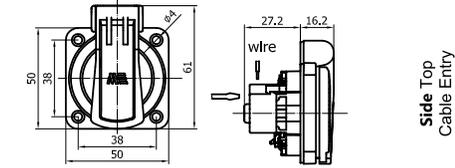
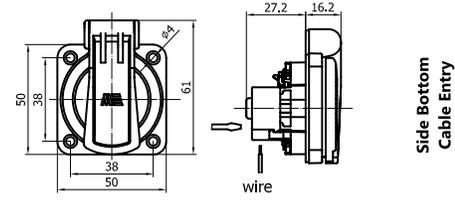
French/Belgian system  

Product Code	Description	Cable Entry	IP Degree	Box Qt.
40402105	Socket Outlet (Flange : 75x75)	Top	IP44	20
40404205	Socket Outlet (Flange : 75x75)	Side	IP54	20



1x16A (2P+E) - 220-240 V SOCKET OUTLET

French	Belgian/French Type		Code	Type	Cable Entry	Box Quantity	
	IP44	IP54					
Without Child Protection	IP44	F:50x50"	40401706	Belgian/French	Side	40	
			40401906	Belgian/French	Back	40	
			40403206	Belgian/French	Side	40	
			40403306	Belgian/French	Back	40	
			40402506	Austrian/German	Back	40	
	F:75x75"	404016ST06	Austrian/German	Top Side	40		
		404018ST06	Austrian/German	Top Back	40		
		404016SB06	Austrian/German	Side Bottom	40		
		404018SB06	Austrian/German	Bottom Back	40		
		404020SB06	Austrian/German	Top Side	40		
IP54	F:50x50"	404022ST06	Austrian/German	Top Back	40		
		404020ST06	Austrian/German	Side Bottom	40		
		404022SB06	Austrian/German	Bottom Back	40		
		40403506	Austrian/German	Back	40		
		404030ST06	Austrian/German	Top Side	40		
	F:75x75"	404031ST06	Austrian/German	Top Back	40		
		404030SB06	Austrian/German	Side Bottom	40		
		404031SB06	Austrian/German	Bottom Back	40		
		404040ST06	Austrian/German	Top Side	40		
		404041ST06	Austrian/German	Top Back	40		
Child Protection	IP44	F:50x50"	404041SB06	Austrian/German	Bottom Back	40	
			404066SB06	Austrian/German	Bottom Side	40	
			404068ST06	Austrian/German	Top Back	40	
			404068SB06	Austrian/German	Bottom Back	40	
			404066ST06	Austrian/German	Top Side	40	
	F:75x75"	404070SB06	Austrian/German	Bottom Side	40		
		404070ST06	Austrian/German	Top Side	40		
		IP54	F:50x50"	404072ST06	Austrian/German	Top Side	40
				404067SB06	Austrian/German	Bottom Side	40
				F:75x75"	404073ST06	Austrian/German	Top Back
404069ST06	Austrian/German				Top Back	40	
404069SB06	Austrian/German				Bottom Back	40	
404073SB06	Austrian/German	Bottom Back	40				
404071SB06	Austrian/German	Bottom Side	40				
404071ST06	Austrian/German	Top Side	40				
Box	Socket Box	40403906	Wall Mounting Socket Box	-	25		
		40403806	Wall Mounting Socket Box with Din Rail Bracket	-	25		
20013	Fixing Bracket (38x38)						



Plugs and Sockets IP66/68

PLUG / CONNECTOR

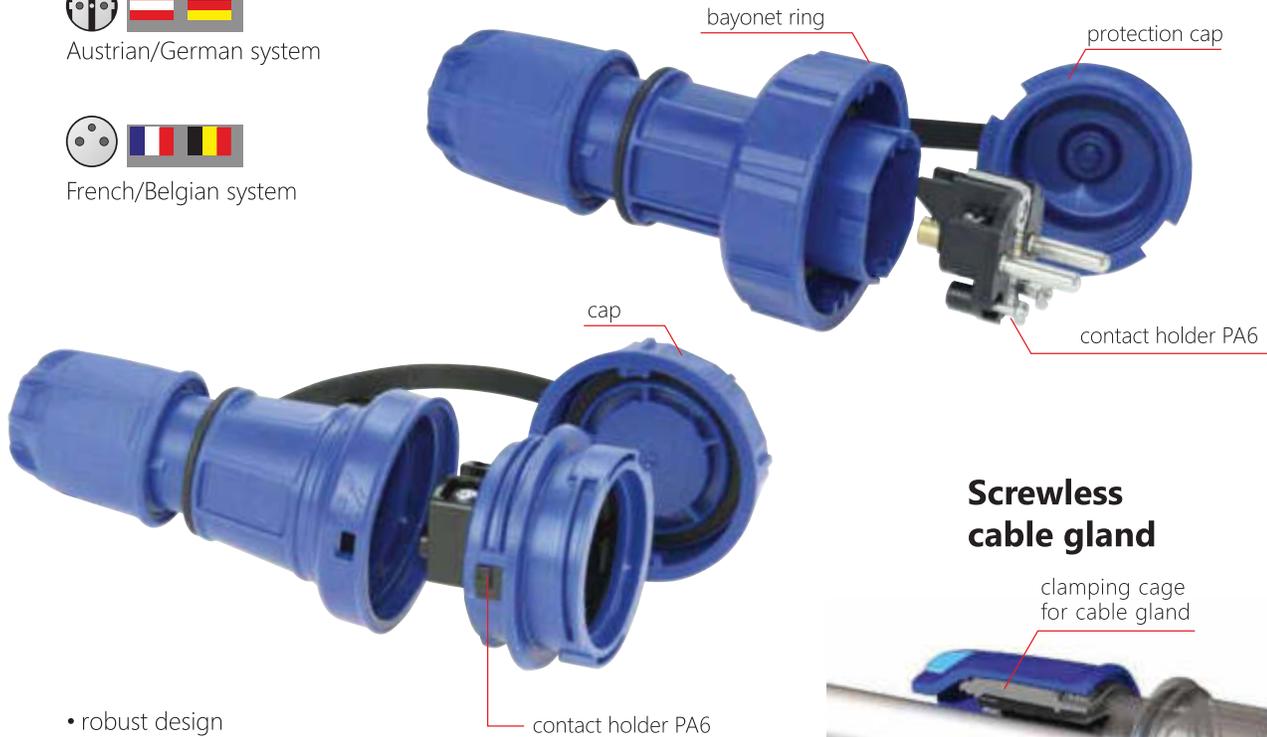
- IP66/68 waterproof up to 2 bar / 2 h •  for severe conditions • with/without shutter



Austrian/German system



French/Belgian system



Screwless cable gland



- robust design
- housing material PC/ABS
- protection cover with bayonet
- contact supporting part of PA6, glow wire test 850°C
- open contact screw head +/- (Typ H, Size 2)
- nickel-plated screw terminals
- cover and cap with elastic band
- axels and mounting screws in stainless V2A quality
- two earthing system (plug)
- very large hinged lid opening angle (~160°)
- color versions:
 - blue (sim. RAL5005)

FLANGED SOCKET



IP68 SERIES



1x16A (2P+E) - 220-240 V RUBBER PLUGS French/Belgian & Austrian/German system

Product Code	Description	IP Degree	Color
40408006	Plug	IP68	Blue



1x16A (2P+E) - 220-240 V CONNECTOR, SOCKET OUTLET Austrian/German system

Product Code	Description	IP Degree	Color
40408206	Connector	IP68	Blue
40408306	Connector with child protection	IP68	Blue
40408606	Socket outlet (Flange: 75x75)	IP68	Blue
40408706	Socket outlet with child protection (Flange: 75x75)	IP68	Blue
40409006	Socket outlet with spring cover (Flange: 75x75)	IP68	Blue
40409106	Socket outlet with spring cover and child protection (Flange: 75x75)	IP68	Blue
40409805	75x75MM Flange wall mounting box	IP68	Gray



1x16A (2P+E) - 220-240 V CONNECTOR, SOCKET OUTLET French/Belgian system

Product Code	Description	IP Degree	Color
40408506	Connector with child protection	IP68	Blue
40408406	Connector	IP68	Blue
40408806	Socket outlet (Flange: 75x75)	IP68	Blue
40408906	Socket outlet with child protection (Flange: 75x75)	IP68	Blue
40409206	Socket outlet with spring cover (Flange: 75x75)	IP68	Blue
40409306	Socket outlet with spring cover and child protection (Flange: 75x75)	IP68	Blue
40409805	75x75MM Flange wall mounting box	IP68	Gray



40408006



40408206



40409006



40408606



40409805



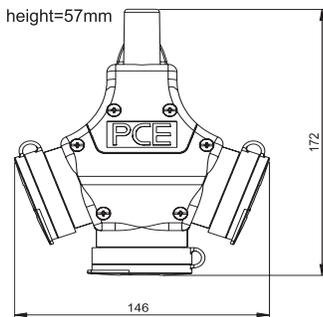
3 Way Connector with Hanging / 3-pole connector terminal - IP44

Product Code	Description	Box Quantity	Type
25311-s	3 Way connector with hanging	5	Austrian/German
24311-s	3 Way connector with hanging	5	French/Belgian



3 Way Connector with Hanging & Child Protection / 3-pole connector terminal - IP44

Product Code	Description	Box Quantity	Type
25311-sc	3 Way connector with hanging and child protection	5	Austrian/German
24311-sc	3 Way connector with hanging and child protection	5	French/Belgian



- With cap
- Insert: polyamid
- Ready wired on main terminal

IP44 splashproof



3 Way connector with hanging / 5-pole connector terminal - IP44

Product Code	Description	Box Quantity	Type
25311-s5	3 Way connector with hanging / 5-pole connector terminal	5	Austrian/German



3 Way connector with hanging and child protection / 5-pole connector terminal - IP44

Product Code	Description	Box Quantity	Type
24311-s5	3 Way connector with hanging / 5-pole connector terminal	5	French/Belgian
24311-sc	3 Way connector with hanging and child protection / 5-pole connector terminal	5	French/Belgian

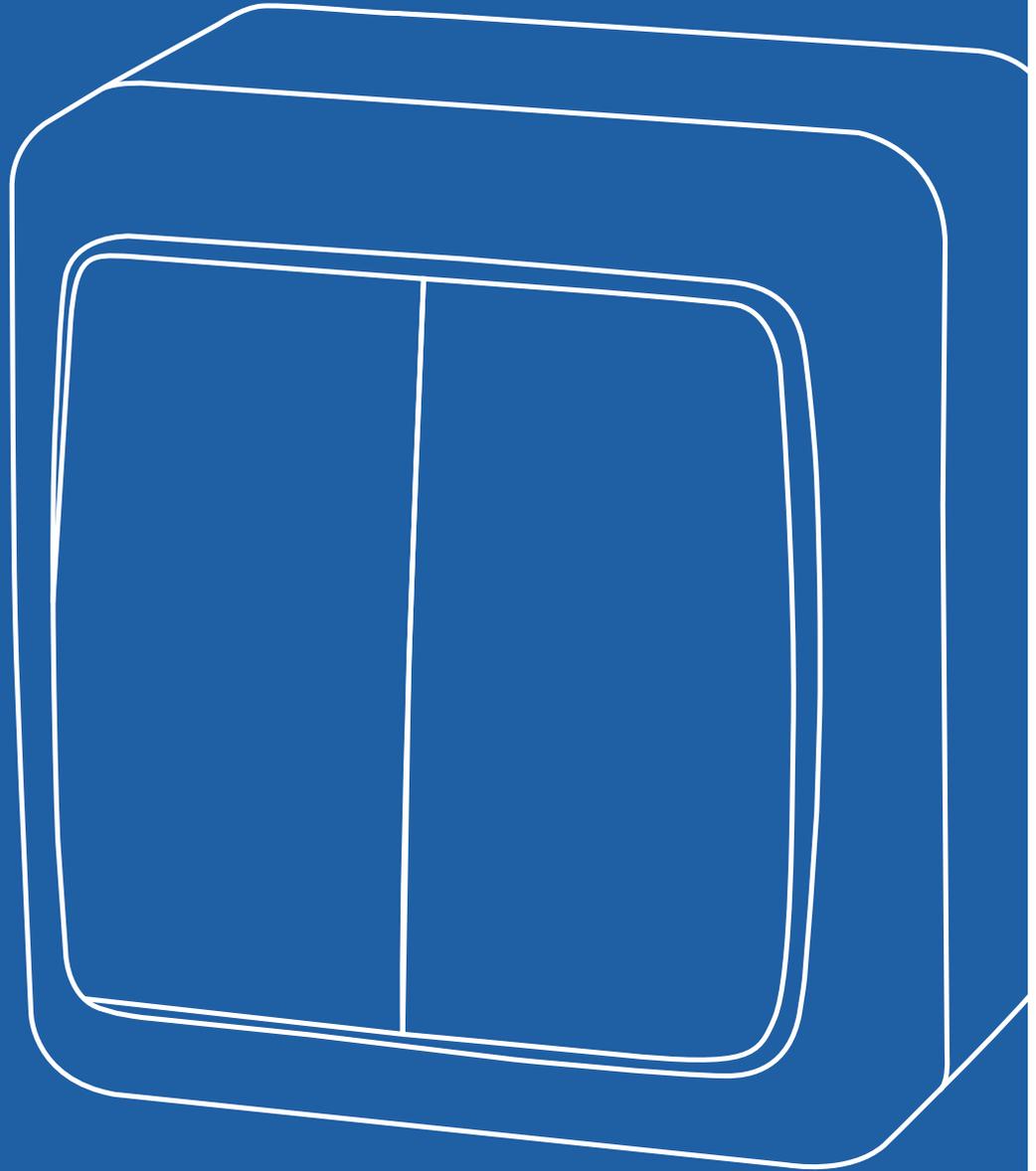


- 5-pole connector terminal
- With cap
- Insert: polyamid
- Ready wired on main terminal

IP44 splashproof







METE AQUA
weather proof switches and sockets

WEATHER PROOF SWITCHES & SOCKETS

WEATHER PROOF

Product Code	Description	IP Degree	Box Qt.
40500105	One Gang One Way Switch	IP44	24
40500205	Two Gang One Way Switch	IP44	24
40500305	One Gang One Way Control Switch	IP44	24
40500405	Illuminated One Gang One Way Control Switch	IP44	24
40500505	Schuko Socket Outlet 	IP44	20
40500705	One Gang Two Way Switch	IP44	24
40501105	Illuminated One Gang One Way Switch	IP44	24
40501305	One Gang One Way Double Pole Switch	IP44	24
40501405	Telephone Outlet	IP44	24
40501505	Satellite Outlet	IP44	24
40501605	Data Outlet	IP44	24
40502505	One Gang One Way Switch + Schuko Socket Outlet	IP44	8
40502605	Two Gang One Way Switch + Schuko Socket Outlet	IP44	8
40502705	One Gang One way Control Switch + Schuko Socket Outlet	IP44	8
40502805	Illuminated One Gang One Way Control Switch + Schuko Socket Outlet	IP44	8
40502905	Illuminated One Gang One Way Switch + Schuko Socket Outlet	IP44	8
40503005	One Gang One Way Double Pole Switch + Schuko Socket Outlet	IP44	8
40503105	One Gang One Way Double Pole Switch + Schuko Socket Outlet	IP44	8
40504005	Schuko Socket Outlet + Schuko Socket Outlet	IP44	10



CERTIFICATES



CERTIFICATES

