

**METECON**<sup>®</sup>  
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](http://www.metecon.com.tr)

[www.metecon.com.tr](http://www.metecon.com.tr)  
is online



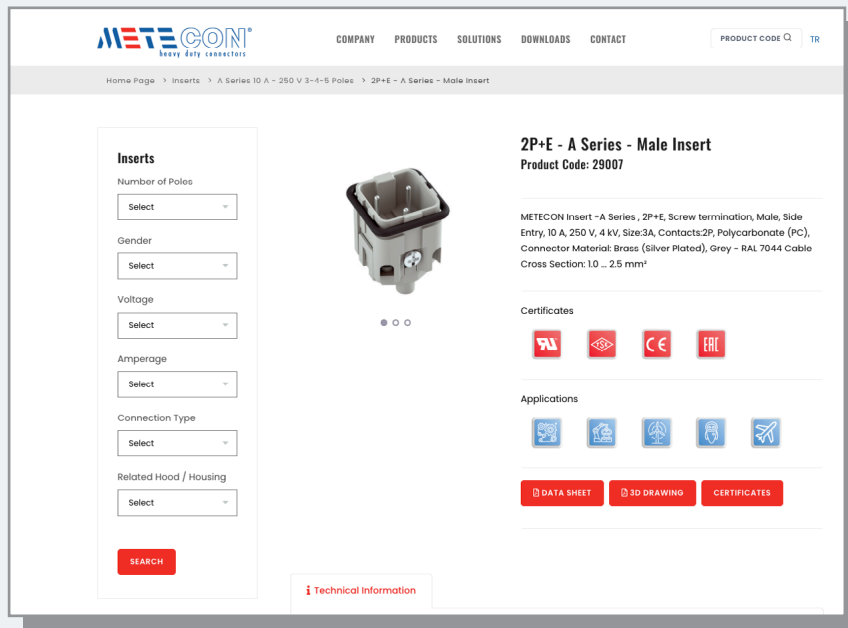
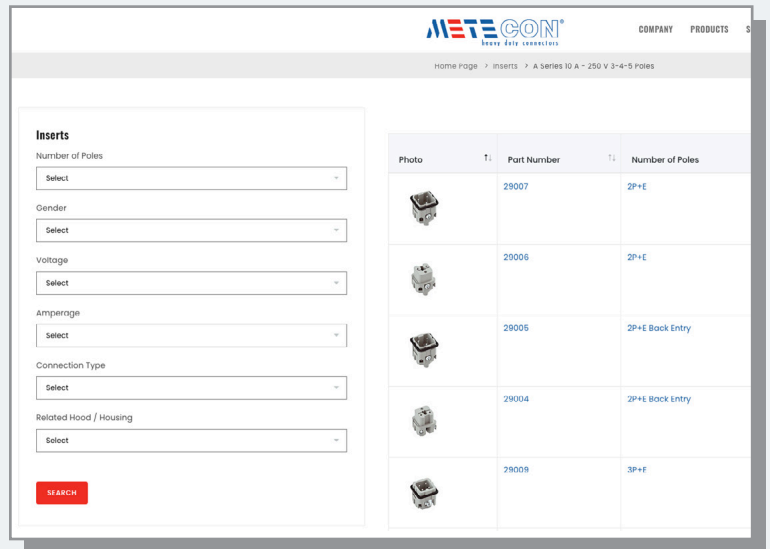
20 years [www.mete-enerji.com.tr](http://www.mete-enerji.com.tr)



## Product Search Option

According To;

Detailed Technical Specifications



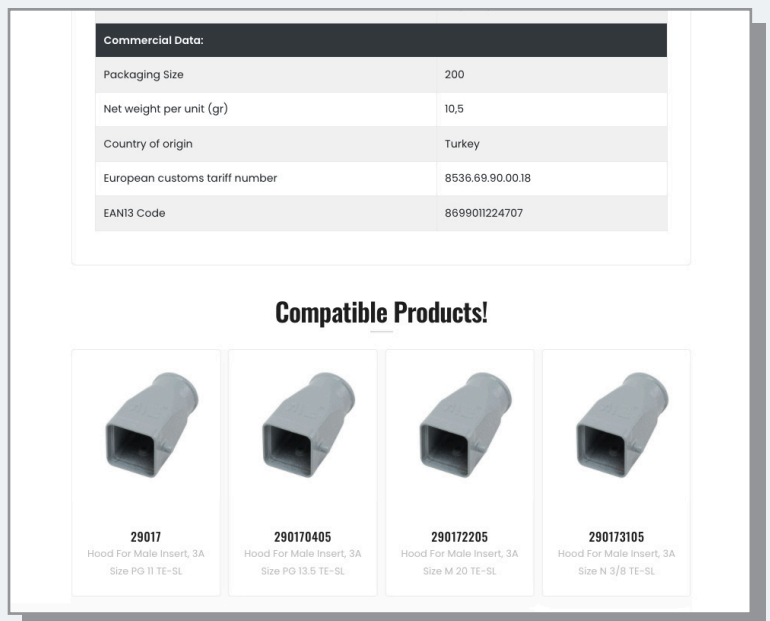
## Deatiled Product Page

- 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	2,3,4,1,16, 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	≥ 10 <sup>10</sup> Ω					
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	≤ 1 m Ω

#### SCREW CONNECTION

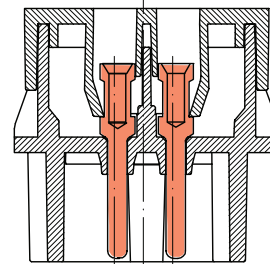
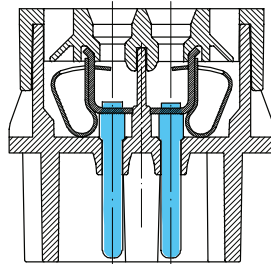
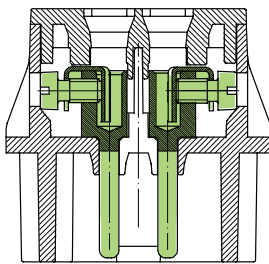
Cable Section	1.0 - 2.5 mm <sup>2</sup>	6 mm <sup>2</sup>	1.5 - 16 mm <sup>2</sup>					
Awg	18 - 14	10	1,5	2,5	4	6	10	16
Tightening Torque	0.5 Nm	1.2 Nm	1,2	2	3	3	3	3
Stripping Length	7 mm							

#### SPRING CONNECTION

Cable Section	0.14 - 2.5 mm <sup>2</sup>
Awg	26 - 14
Stripping Length	9... 11

#### CRIMP CONNECTION

Cable Section	0.14 - 4.0 mm <sup>2</sup>	0.14 - 4.0 mm <sup>2</sup>	0.14 - 425 mm <sup>2</sup>
Awg	20 - 12	20 - 12	20 - 14
Stripping Length	7.5	7.5	7.5

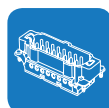


#### METAL HOODS - HOUSINGS

Material	Aluminum
Surface	Powder - Coated
Gaskets	NBR
Temperature range	-40 °C / +125 °C
Protection Degree (Acc. to DIN EN 60529 for coupled connectors)	IP 65

#### PLASTIC HOODS - HOUSINGS

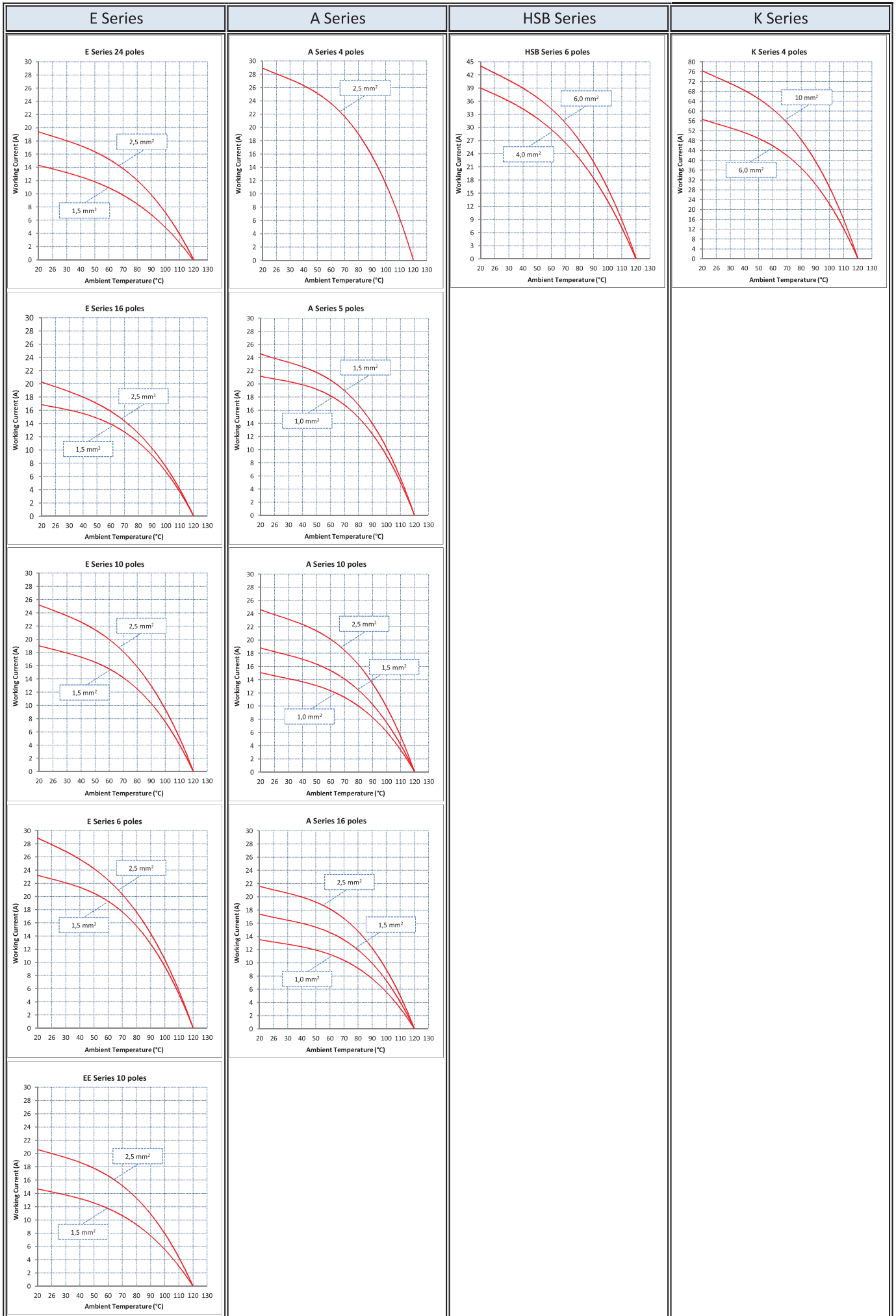
Material	PC
Gaskets	NBR
Temperature range	-40 °C / +125 °C
Protection Degree (Acc. to DIN EN 60529 for coupled connectors)	IP 65



INSERTS  
p.10



HOODS  
HOUSINGS  
p.23





### 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 ambient 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.

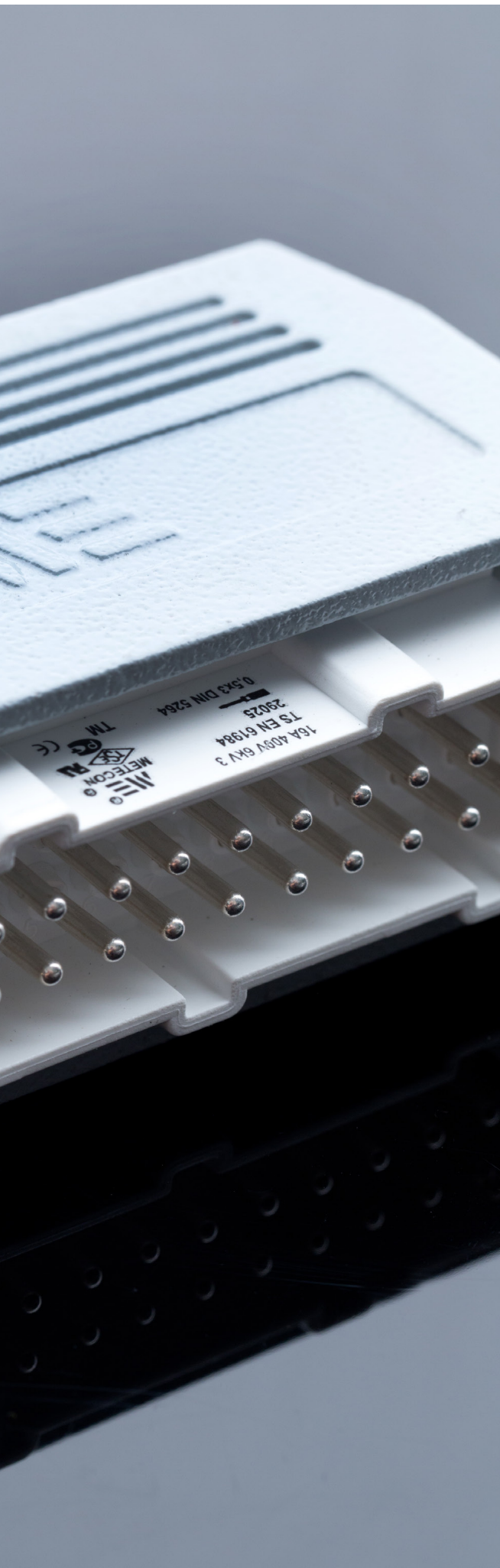
Sealing is assured by special gaskets that protect the inserts inside the hood and housings against dust, water and other aggressive agents.

- 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 assimetric 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



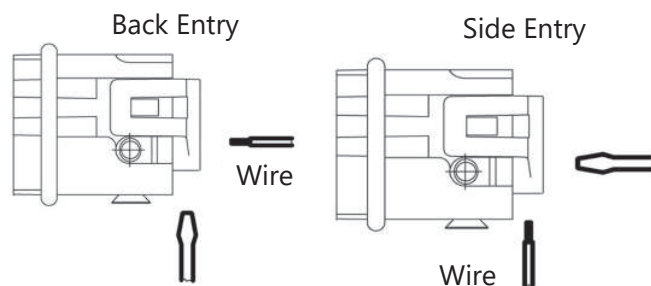
10A / 250 V (2P+E)			Size 3A
Product Code	Type	Terminal	Box Qty.
29007	Male Insert (Side Entry Wiring)	Screw	200
29006	Female Insert (Side Entry Wiring)	Screw	200
29005	Male Insert (Back Entry Wiring)	Screw	200
29004	Female Insert (Back Entry Wiring)	Screw	200



10A / 250 V (3P+E)			Size 3A
Product Code	Type	Terminal	Box Qty.
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 Qty.
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 Qty.
29421	Male Insert	Screw	80
29420	Female Insert	Screw	80



16A / 250 V (16P+E)			Size 16A
Product Code	Type	Terminal	Box Qty.
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 Qty.
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 (7P)			Size 3A
Product Code	Type	Terminal	Box Qty.
290113007	Male Insert (1-7)	Crimp	
290103007	Female Insert (1-7)	Crimp	



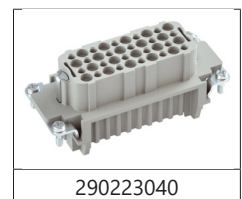
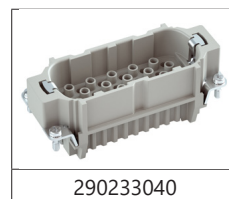
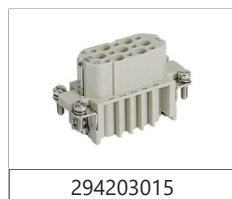
10A / 250 V (15P+E)			Size 10A
Product Code	Type	Terminal	Box Qty.
294213015	Male Insert (1-15)	Crimp	
294203015	Female Insert (1-15)	Crimp	



10A / 250 V (25P+E)			Size 16A
Product Code	Type	Terminal	Box Qty.
294233025	Male Insert (1-25)	Crimp	
294233025	Female Insert (1-25)	Crimp	

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

10A / 250 V (64P+E)			Size 24 - 48B
Product Code	Type	Terminal	Box Qty.
290243064	Male Insert (1-64)	Crimp	25
290253064	Female Insert (1-64)	Crimp	25



## DD - SERIES



10A / 250 V (24P+E)			Size 6B
Product Code	Type	Terminal	Box Qty.
291213024	Male Insert (1-24)	Crimp	
291203024	Female Insert (1-24)	Crimp	



10A / 250 V (42P+E)			Size 10B
Product Code	Type	Terminal	Box Qty.
290213042	Male Insert (1-42)	Crimp	
290203042	Female Insert (1-42)	Crimp	



10A / 250 V (72P+E)			Size 16B
Product Code	Type	Terminal	Box Qty.
290233072	Male Insert (1-72)	Crimp	
290223072	Female Insert (1-72)	Crimp	



10A / 250 V (108P+E)			Size 24B
Product Code	Type	Terminal	Box Qty.
290253108	Male Insert (1-108)	Crimp	
290243108	Female Insert (1-108)	Crimp	

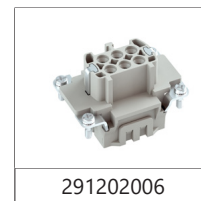
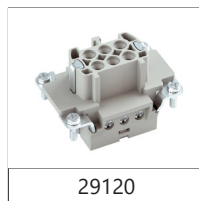




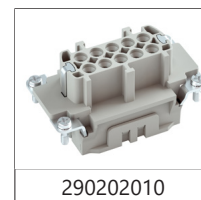
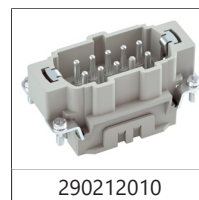
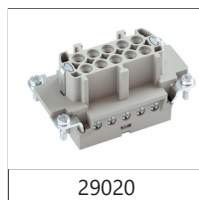
## E - SERIES



16A / 400 V (6P+E)			Size 6B
Product Code	Type	Terminal	Box Qty.
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



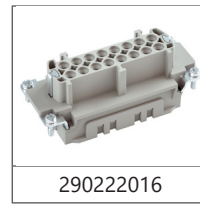
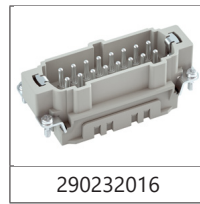
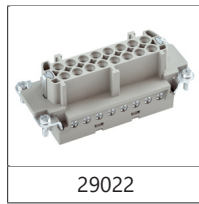
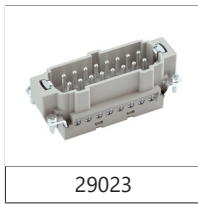
16A / 400 V (10P+E)			Size 10B
Product Code	Type	Terminal	Box Qty.
29021	Male Insert	Screw	50
29020	Female Insert	Screw	50
290212010	Male Insert	Spring	50
290202010	Female Insert	Spring	50
290213010	Male Insert	Crimp	50
290203010	Female Insert	Crimp	50



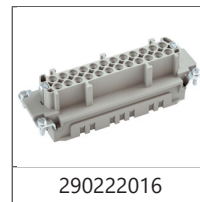
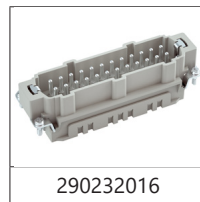
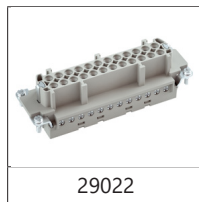
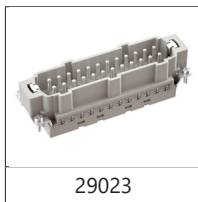
## E - SERIES



16A / 400 V (16P+E)			Size 16B
Product Code	Type	Terminal	Box Qty.
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



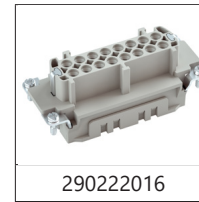
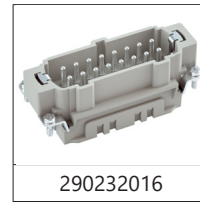
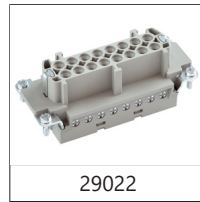
16A / 400 V (24P+E)			Size 24B
Product Code	Type	Terminal	Box Qty.
29025	Male Insert	Screw	25
29024	Female Insert	Screw	25
290252024	Male Insert	Spring	25
290242024	Female Insert	Spring	25
290253024	Male Insert	Crimp	25
290243024	Female Insert	Crimp	25



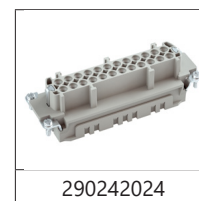
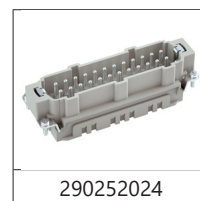
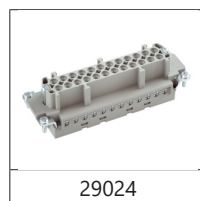
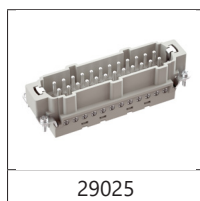
## E - SERIES



16A / 400 V (32P+E)			Size 32B
Product Code	Type	Terminal	Box Qty.
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 Qty.
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 Qty.
291213010	Male Insert	Crimp	30
291203010	Female Insert	Crimp	30



16A / 500 V (10P+E) (18P+E)			Size 10B
Product Code	Type	Terminal	Box Qty.
290213018	Male Insert (1-18)	Crimp	
290203018	Female Insert (1-18)	Crimp	



16A / 500 V (10P+E) (32P+E)			Size 16B
Product Code	Type	Terminal	Box Qty.
290233032	Male Insert (1-32)	Crimp	
290223032	Female Insert (1-32)	Crimp	



16A / 500 V (10P+E) (46P+E)			Size 24B
Product Code	Type	Terminal	Box Qty.
290253046	Male Insert (1-46)	Crimp	
290243046	Female Insert (1-46)	Crimp	

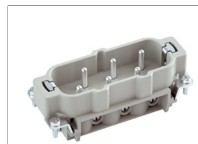




# HSB - SERIES



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



29125



29124



35A / 400-690 V ( 12P+E)			Size 32B
Product Code	Type	Terminal	Box Qty.
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



29125



29124



29129



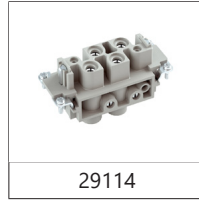
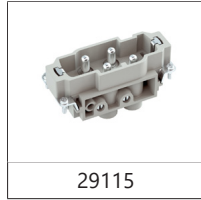
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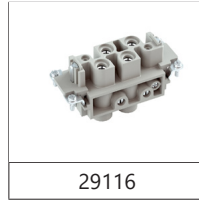
## K - SERIES



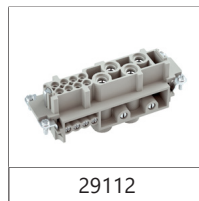
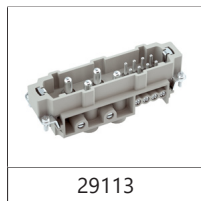
80A 400-690 V (4P+E)			Size 16B
Product Code	Type	Terminal	Box Qty.
29115	Male Insert	Screw	30
29114	Female Insert	Screw	30



80A / 16A 400-690 V (4P+2P+E)			Size 16B
Product Code	Type	Terminal	Box Qty.
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 Qty.
29113	Male Insert	Screw	25
29112	Female Insert	Screw	25



## CODING PINS



### I 1102660

- Coding Pin
- 5x12 m



### I 1109660

- Guide Pin
- 5x12 m



### I 1109760

- Guide Bushing
- 5x12 m



### I 1109860

- Single Coding Pin
- 5x12 m

## 16A CRIMP CONTACTS



### MALE CRIMP CONTACTS

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

## SILVER PLATED (FOR E SERIES)



### FEMALE CRIMP CONTACTS

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

## 10A CRIMP CONTACTS



### MALE CRIMP CONTACTS

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

## SILVER PLATED (FOR D SERIES)



### FEMALE CRIMP CONTACTS

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



### I 29940

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



### I 29942

- Removal Tool
- For 10A Crimp Contacts



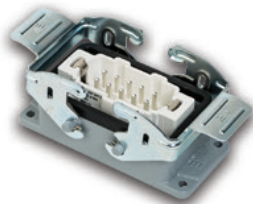
### I 29941

- Removal Tool
- For 16A Crimp Contacts

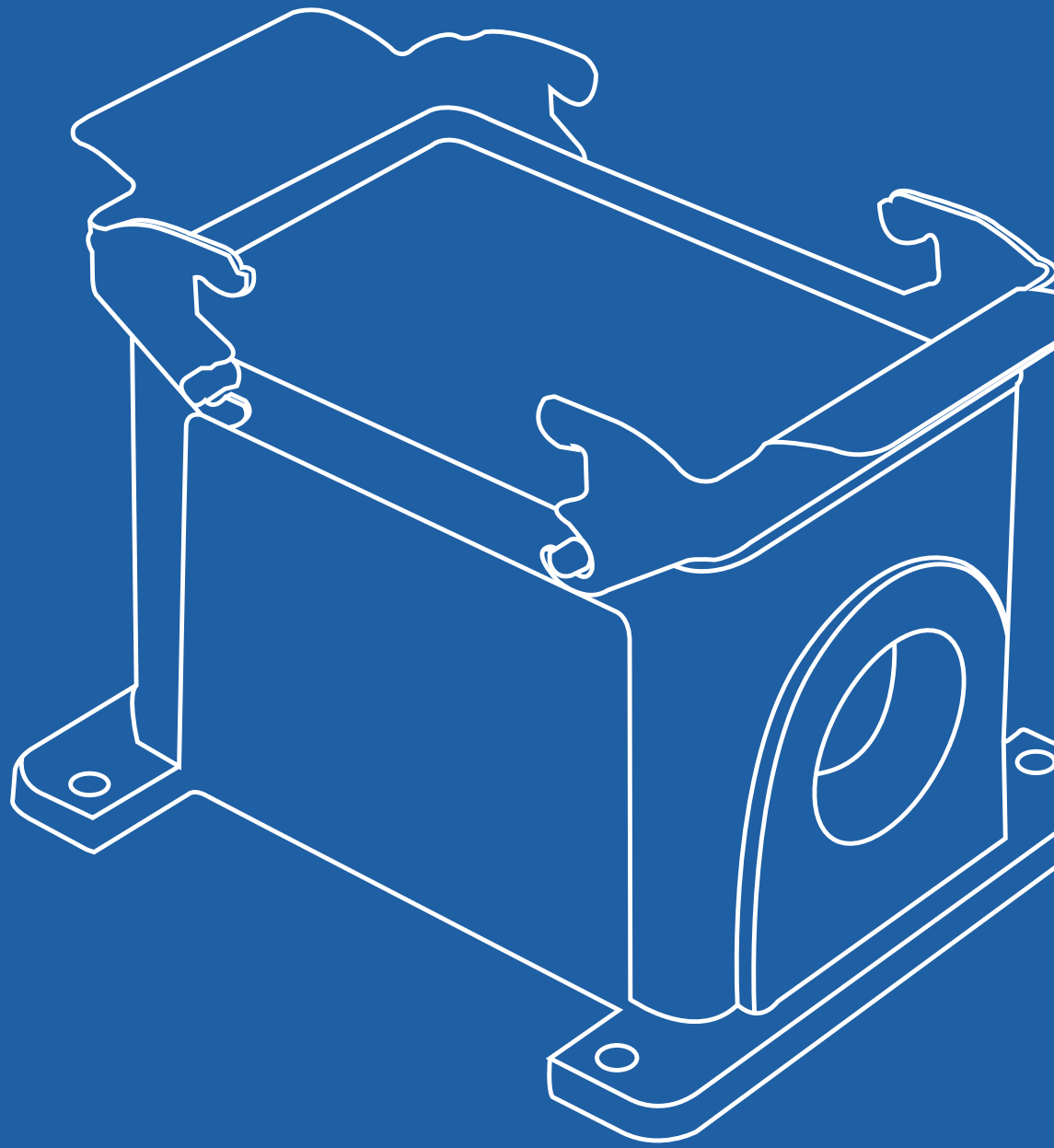


# INSPIRED BY NATURE

● 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**<sup>®</sup>  
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 Qty.
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 Qty.
29017	Hood For Male Insert		Top	100
29019	Hood For Female 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 Qty.
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 Qty.
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 - SINGLE LEVER - PG16				Size 32A
Product Code	Description	Lever	Entry Type	Box Qty.
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 standart 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 Qty.
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.: 29133-0405S)

\* Please contact us for cable entry and color options.



# SIZE 10B



## ALUMINUM HOODS & HOUSINGS - DOUBLE LEVER - PG16 Size 10B

Product Code	Description	Lever / Gasket	Entry Type	Box Qty.
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 Qty.
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 standart product code from next table.  
For the products 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

Product Code	Description	Lever / Gasket	Entry Type	Box Qty.
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 Qty.
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.

# SIZE 24B



## ALUMINUM HOODS & HOUSINGS - DOUBLE LEVER - PG21 Size 24B

Product Code	Description	Lever / Gasket	Entry Type	Box Qty.
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 Qty.
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

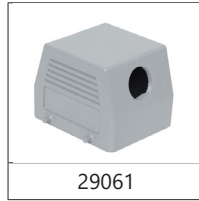
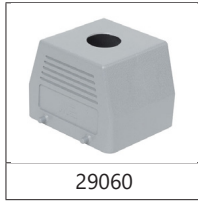
For different color and / or different threads please prefix the standart product code from next table.  
For the products ending with "S" please add it at the end of newly created code. (E.g.: 29058-2305S)

\* 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 Qty.
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 Qty.
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
29663	Cover For Hood	●		20

ALUMINUM HOODS & HOUSINGS - SINGLE LEVER - PG29				Size 48B
Product Code	Description	Lever / Gasket	Entry Type	Box Qty.
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



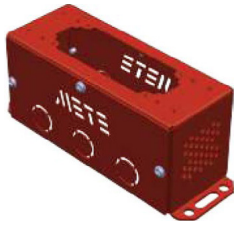
Thread	Color	Material	Diameter	Thread	Color	Material	Diameter
-0605		Aluminum Grey	PG 21	-0604		Aluminum Black	PG 21
-0805		Aluminum Grey	PG 36	-0804		Aluminum Black	PG 36
-2405		Aluminum Grey	M 32	-2404		Aluminum Black	M 32
-2505		Aluminum Grey	M 40	-2504		Aluminum Black	M 40
-2605		Aluminum Grey	M 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



- 20476**
- Plastic Double Lever
  - Size 32A

B Size Enclosures



- 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