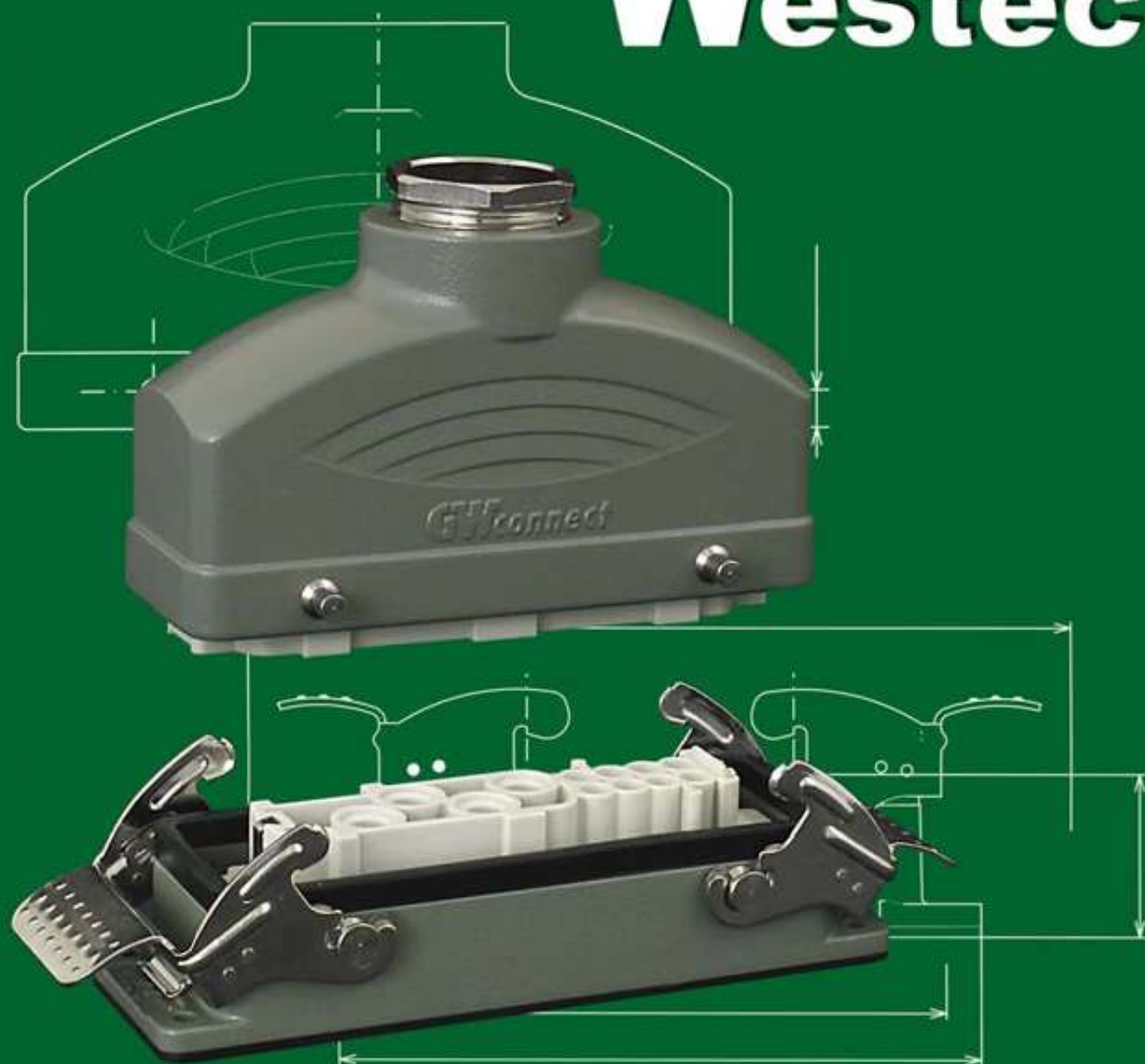


C

Westec®



MIC

Multipole Industrial Connectors
Aluminium Enclosures
Cable Glands and Fittings

Compact Catalogue

GWconnect®

THE COMPANY

Westec represent the new Italian challenge in the market of Multipole Connectors for Industrial applications. A challenge born from 30 years experience in the designing and in the manufacturing of connectors for electric and electronic devices that pushes Westec in the continuous research for the achievement of new quality levels for the technical and operational aspects of its connectors. The constant industrial developments focusing on both the designing and the manufacturing, allowed Westec to make one of the best ranges of Multipole Connectors for industrial applications, introduced to the market with GWconnect brand.

The product range offers the ultimate value for money

- Certified in accordance with the latest European and American Standards by the most qualified independent laboratories in Italy.
- Accurately designed even for appearances' sake, to guarantee the excellence under any point of view.
- A complete series of aluminium junction boxes together with a good range of metal and plastic cable glands, join the heavy duty connectors to complete the offer and to render the purchasing process simpler and more efficient.

Direct link with the client

- Continuous collaboration with our customers allows us to obtain cohesive feedback on market needs and current demands. We utilize all feedback gained and use the information to develop new, innovative and competent solutions in compliance with the Standards.
- Establishing a more personal relationship with clients allows us to offer a more transparent service where we can provide prompt responses on both technical and commercial enquiries.

An efficient and flexible internal organization

- The Italy base headquarter with its well-stocked warehouse, can supply efficiently the worldwide sales network.
- A flexible design approach allows Westec to manufacture special OEM solutions on customers' demand.
- A wide distribution network is available. Pls contact us at: info@westec.it to know your nearest distributor.



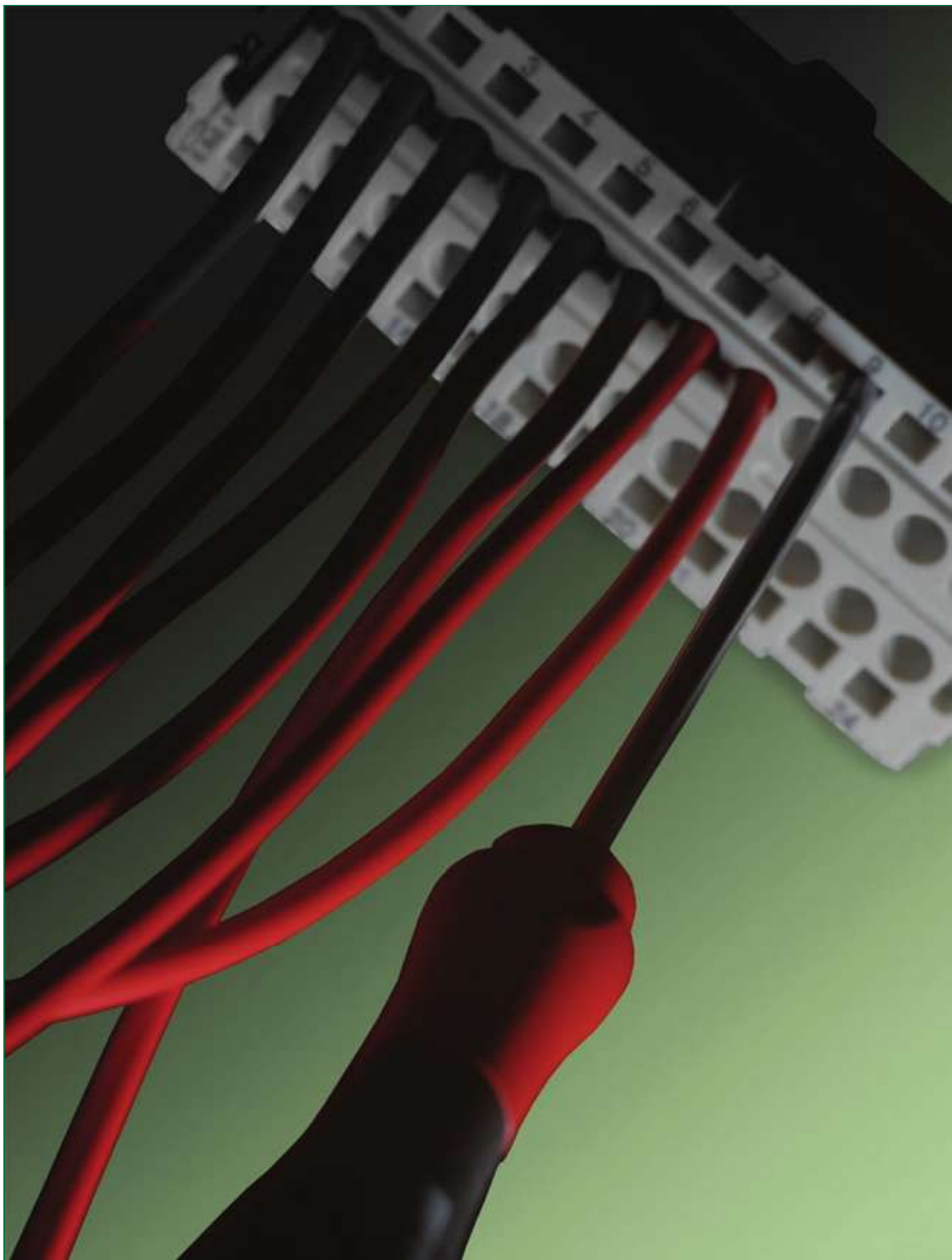
Multipole Industrial Connectors

Aluminium enclosures - Cable glands and fittings

Compact catalogue

For more technical details, specifications
and special products please consult the
Westec General Catalogue





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For more technical details please consult the Westec General Catalogue

General characteristics

The 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. They are suitable for use with alternate or direct current and facilitate the manufacturing process, installation and maintenance of sectional electric parts in complex machinery in accordance with European Standard EN 60204-1

Referring standards:

EN 61984:	Connectors safety requirements and tests
VDE 0627:	Connectors (DIN VDE 0627)
EN 60664-1:	Insulation coordination for equipment within low-voltage systems
VDE 0110:	Table 4 concerning clearance and creepage distances
EN 175 301-801:	High density rectangular connectors, round removable crimp contacts
EN 60947-7-1:	Low-voltage switchgear and controlgear. Ancillary equipments - Terminal blocks for copper conductors
EN 60512:	Connectors for electronic equipments. Tests and measurements
UL 1977:	Component connectors for use in data, signal, control and power applications
CSA: C22.2 No.182.3:	Special use attachment, plugs, receptacles and connectors
EN 60423:	Conduits for electrical purposes. Outside diameters of conduits for electrical installations and thread for conduits and fittings
EN 50262:	Metric cable glands for electrical installation
EN 60529:	Degree of protection provided by enclosures (IP degree)
NEMA 250:	National (USA) Electrical Manufacturers Association. Class (Type) of protection.
ANSI/UL 50:	Enclosures for electrical equipment, non environmental consideration
ANSI/UL 50E:	Enclosures for electrical equipment, environmental consideration
CSA C22.2 No.94-1-2:	Special purpose enclosures.
NMX-J235/1-2:	ANCE: Association of Standardization and Certification (USA) Special purpose enclosures

DIN 40050-9 / ISO 20653:

Electrical equipments in road vehicles. Enclosures. Water test with high pressure. IP69K.

NEMA ICS5:

Food and beverage industries. High pressure power wash test procedure for self contained control-circuit devices.

Connectors compliant with DESINA® standard

DESINA® (Distributed and Standardized INstallation technology) is an innovative installation system studied by the German manufacturers of machine tools association (VDW), with the cooperation of users (including German automotive manufacturers) and component manufacturers, which has led to the introduction of a specification aimed to standardize electrical, hydraulic and pneumatic components and their interconnection on common platform for CNC controlled machine tools and manufacturing lines.

The DESINA® specification has been enclosed into ISO TC 184/SC1 "Industrial automation systems and integration / Physical device control" as an ISO standard.

The ISO standards are the following:

ISO 23570-1:	Industrial automation systems and integration - Distributed installation in industrial applications: Part 1 - Sensors and actuators.
ISO 23570-2:	Industrial automation system and integration. Distributed installation in industrial applications. Part 2: Hybrid communication bus
ISO 23570-3:	Industrial automation system and integration. Distributed installation in industrial applications. Part 3: Power distribution bus

DESINA® specifications



EUROMAP recommendations:

The inserts and the relevant enclosures meet the EUROMAP Recommendations (European Committee of machinery manufacturers for the plastic and rubber industry)
EUROMAP 12, 13, 14, 16, 67, 67.1, 71

Approvals:

UL, CSA File E249674

The connectors are designed and manufactured to conform with EN 61984, EN 175 301-801, UL 1977 and CSA C22.2 182.3 standards.

The enclosures are designed in conformance with UL 50, UL 50 E and CSA C22.2 No. 94-1-2
Inserts and enclosures are certified and labelled with the UL and CSA marks: file E249674

The Westec connectors are therefore in conformance with both European/International and American system.
This permits them to be used in a wider range of applications worldwide.



General characteristics

Inserts:

The inserts are made of self-extinguishing thermoplastic resin UL 94 V0, GWT 960°, normally used in maximum temperature of 125°C. The inserts are available in screw, spring, crimp and screw form with terminal block connections. The contacts are in silver or gold plated copper alloy. All are numbered on both sides by laser printing or molding in accordance with EN 60068-2-70.

- Suitable for use with alternate or direct current
- Leading protective ground
- Polarized for correct mating
- Interchangeable for male and female inserts in hoods and housings
- Captive screws
- Can be used with hoods and housings, or with rack and panel applications.

Conductors connection, termination:

- Screw terminals
- Crimp terminals
- Screw terminals with terminal block
- Spring terminals

Enclosures:

A large variety of enclosures is available with different combination of components and materials, each one suitable to a specific industrial installation for normal environmental conditions and aggressive environments.

The principal parts are made in die-cast aluminium alloy with a finishing of polyester powder (Natural aluminium for EMC version) or in self extinguishing thermoplastic. They are resistant to impact and strong mechanical stress. Coupling stability and protection against accidental opening are assured by a single or double locking system, comprising of monoblock levers in galvanized steel or stainless steel, springs and pegs in stainless-steel or plastic.

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

- Innovative design
- Hoods/housings for normal environmental conditions and EMC
- Hoods/housings for harsh environmental requirements
- Degree of protection according to EN 60529: IP66 / IP67 / IP69K
- Degree of protection according to ANSI/UL50, 50E, NEMA 250 Type 4/4x/12
- Electrical connection with protective ground
- High mechanical strength and vibration resistance ensured by locking levers
- Spring-loaded lockable metal covers

Cable glands, fittings and accessories:

- Extensive range of cable protection and sealing accessories
- Metal cable glands IP65/IP66
- Plastic cable glands IP66
- Metal cable glands IP68
- Plastic cable glands IP68
- Fittings for flexible conduits
- Hexagonal nuts
- Enlargers/reducers
- Code pins for incorrect mating protection

Tools:

To guarantee the efficiency and security of the connection and to ensure that maximum quality standards are met, a complete series of application specific tooling is available for contact crimping and cable assembling

Metal Boxes:

A wide range of aluminium boxes with protection are offered as a solution to a wide range of installations, such as circuit breaking, connection and control of electric and electronic equipments.

Design and testing:

The connectors and the other products of this series have been designed and tested in Italy to meet the exact electrical and environmental standards set down within industry guidelines

CE Marking:

In accordance with Low Voltage Device (LVD) Directive 2006/95/EC

RoHS Compliance:

The products are in accordance with the European Directive 2002/95/EC and its amendments Directive 2008/35/EC on the use of certain hazardous substances in electrical and electronic equipments (RoHS)

EMC Compliance:

The hoods/housings EMC type are in conformity with European Directive 2004/108/CE (EMC = Electromagnetic Compatibility)

Technical support:

For any question and technical support please contact your nearest dealer or contact us directly at : info@westec.it

Remarks:

It is the users responsibility to ensure that products of this catalogue comply with regulations other then those stated when used in special fields of applications which we are unable to foresee, and that are assembled and installed correctly, in accordance with the installation Standards.

Westec Srl is not responsible for the installation result and/or in case of incorrect use of the products supplied.

Connectors should not be coupled and de-coupled under electrical load.

For spring terminal inserts, the correct cable assembly is assured only by using the correct screwdriver shown on the catalogue.

For screw terminal inserts is necessary to apply the correct torque in order to avoid false contacts or damages to the conductor, to the screw end to the contact itself.

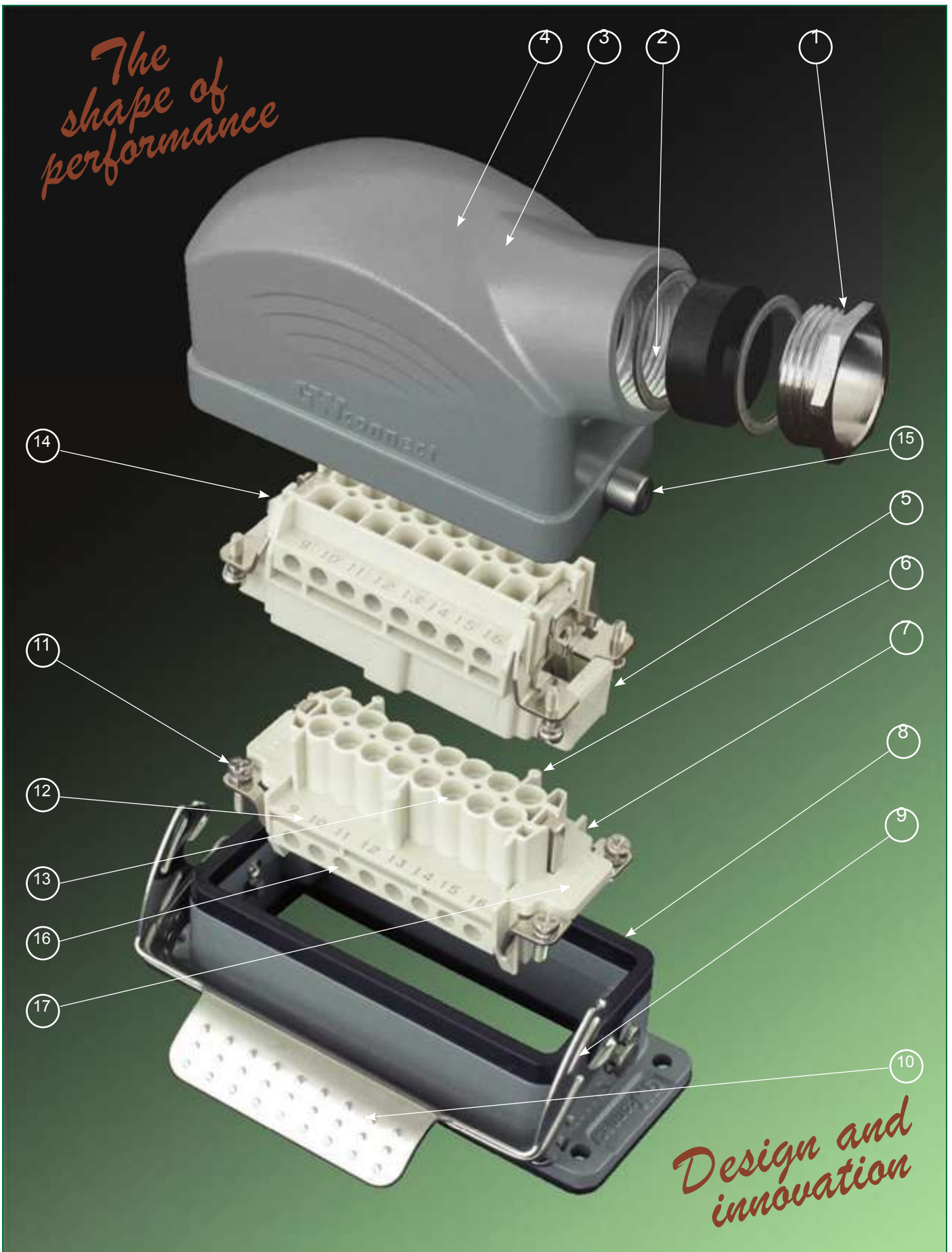
Westec guarantee the IP degree of the Aluminium boxes as shown on the catalogue and manufactured, without holes and other milling operations. It is the users responsibility to verify the maximum number of holes for the cable entries, that must be in conformance with the specific application, as well as the type and size of cable glands, blanking plugs and/or other fittings that must have an equivalent or higher IP degree than the one of the junction box.

In the interest of development and improvement we reserve the right to amend, without notice, details contained in this publication.

No legal liability will be accepted by Westec for any errors, omissions or amendments.

This catalogue must not be used or reproduced in any form or manner without our prior approval in writing.





Technical features

1) A wide range of accessories comprising of: cable glands, fittings for flexible conduits, blanking plugs, enlargers, reducers and lock units.

2) Threaded cable passage in various Pg and metric thread (in accordance with EN 60423) available, for cable entry devices in accordance with EN 50262, as option located vertically, horizontally or at the front. NPT threads on request.

3) Heavy duty enclosures in die-cast aluminium alloy or self-extinguishing thermoplastic. Surface mounting or bulkhead housings and hoods are available, with or without fixed covers or with mobile protection covers. The enclosures for the use at a voltage of 500V have two tabs that prevents the insertion of inserts for the use with 830V. Those for the use with a rated voltage of 830V do not have any tabs and supplementary insulating strips are applied.

4) Metal enclosures powder coated with high resistance to mechanical stress and external agents, Enclosures used for harsh environments are treated with special polyester powder coating. Certified UL/CSA.

5) Insert in self-extinguishing thermoplastic material reinforced with glass fibres, UL approved, with a limit working temperature from -40°C to $+125^{\circ}\text{C}$.

6) Inserts with asymmetric guide rails for preventing incorrect coupling. The inserts have a mechanical duration equal to or over 500 mating / unmating cycles.

7) Inserts manufactured to conform with EN 61984, VDE 0110, VDE 0627, EN 175301-801, UL 1977 standards. They are certified and labelled with the UL and CSA marks.

8) Special seal gaskets in anti-ageing, oil-resistant and fuel resistant vinyl nitrile elastomer or fluoro elastomer (for use in harsh environments) together with the joints provide an IP66 degree of protection for coupled connectors.

9) Monoblock galvanized steel or stainless steel or self-extinguishing glass filled thermoplastic material locking levers guarantee a perfect closure and sealing.

10) Locking device available in two versions, simple (with one lever) or double (with two levers).

11) Captive insert fastening screws, with anti-loosening flexible washer.

12) Contacts position identified with numbers on both sides of each insert, laser printed or moulded.

13) Contacts in silver or gold-plated copper alloy with connection to the conductors made via captive screws, crimping terminals, spring terminals or screws with incorporated terminal block.

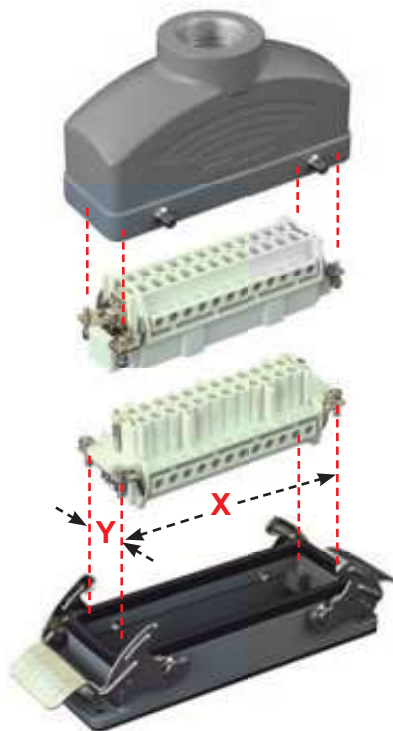
14) Earth terminal with wide contact surface.

15) Stainless steel pegs that facilitate the locking and eliminate damages.

16) Captive contact screws, stainless steel wire protector.

17) CE marking attesting the conformity to the requirements of the Directive Low Voltage Device (LVD) 2006/95/EC and of the Directive EMC 2004/108/EC for the products developed for industrial applications that require Electromagnetic Compatibility (EMC).

Size and identification of enclosures and inserts



Size and identification of the enclosures and inserts

There are a large number of connector inserts and their relative enclosures so the selection of a correct combination may be complex.

To facilitate this operation as well as the normal item/part No., a further identification parameter has been introduced: the "size" value.

The "size" value refers to the screw fixing centre distances which constitute a unique element since they are common to both the inserts and enclosures. This is as indicated in the above illustration and the table below.

The following table shows all the sizes of the enclosures and the dimensions of the housings where the inserts will be assembled.

Type	Enclosure «Size» identification	Housing space for inserts with screw fixing centre distance x-y
3A	«21 x 21»	(21 x 21mm) *
10A	«49x16»	49,5 x 16 mm
16A	«66x16»	66 x 16 mm
32A	«66 x 40»	66 x 16 mm (2 inserts)
6B	«44 x 27»	44 x 27 mm
10B	«57 x 27»	57 x 27 mm
16B	«77 x 27»	77,5 x 27 mm
24B	«104 x 27»	104 x 27 mm
32B	«77 x 62»	77,5 x 27 mm (2 inserts)
48B	«104 x 62»	104 x 27 mm (2 inserts)
QD	«32 x 13»	32,2 x 13,4 mm

* The screw fixing centre distance cannot be given because they only have one screw: «21 x 21» indicates the size of the sectioned insert.

Technical characteristics and applications

The enclosures are designed in conformance with EN61984 and ANSI/UL50, ANSI UL50E and CSA C22.2 No. 94.1-2

- Types available:

- STD :** For standard applications for inserts up to 250V or 500V
- STD-HV :** For standard applications for inserts up to 830V (*)
- HE :** For harsh environmental requirements and inserts up to 250V or 500V (*)
- HE-HV :** For harsh environmental requirements and inserts up to 830V (*)
- EMC:** For applications that require electromagnetic compatibility (EMC), for inserts up to 500V (*)
- (*):** These types are available in the Westec General Catalogue

- Single locking system (1 lever) - Single locking system with central lever
- Double locking system (2 levers) - Reversed locking system
- Metric or Pg thread available for Metric and Pg cable glands IP66 and IP68
- Enclosures with NPT threads are available on request for American market
- For flat cables
- Degree of protection according to EN 60529 for coupled hood/housings with cable glands: IP66/IP67
- Class of protection in accordance to ANSI / UL50E Type 4,4x,12, NEMA 250 Type 4/4x/12
- Water jet with high pressure resistant according ISO20653/DIN40050-9 (IP69K)
- Limiting temperature: - 40°C ÷ + 125 °C
- SC - standard construction: with small dimensions
- HC - high construction: bigger size for wider cable diameter
- Certifications:



Material	STD	STD-HV	HE	HE-HV	EMC
Body	Die cast aluminium alloy - Also in polyamide material for STD type				
Surface	Polyester powder coated		Polyester powder coated		Surface with high conductivity
Color	Grey RAL 7037		Black RAL 9005		Aluminium finishing
Pegs	Stainless steel				
Screws	Stainless steel				
Springs	Stainless steel				
Levers	Galvanized steel or stainless steel		Stainless steel		Galvanized steel or stainless steel
Gaskets	NBR		NBR		Conductive elastomer

Certification in accordance with ANSI/UL50, ANSI/UL50E and NEMA 250

Westec MIC connectors enclosures successfully passed ANSI/UL50, ANSI/UL50E and NEMA 250 Type 4, Type 4x and Type 12 testing at Underwriters Laboratory (UL) under the connector category ECBT2 (USA) and ECBT8 (Canada) .

We can declare that the MIC connectors not only meet the European and the International requirements stated in the EN 61984 which the MIC connectors refer to in general and in particular to IEC/EN60529 regarding the IP degrees of protection of the enclosures, but also meet the requirements of American Standards, ANSI/UL50, ANSI/UL50E and NEMA 250 that defines the type classifications for enclosures and control cabinets.

ANSI: Approved American National Standard

UL: Underwriters Laboratories Inc.

In the US the NEMA Association (National Electrical Manufacturer's Association) is one of the major organizations responsible for writing the national electrical standards and requirements of electrical equipments.

Its membership consist mainly of electrical manufacturers and end users.

The NEMA 250 is the document that defines the Type classification for enclosures in the United States.

The NEMA 250 not only takes in consideration the necessary requirements for the protection of the personnel and against the ingress of objects and water as provided by the IEC/EN60529 Standard but numerous other requirements covered by NEMA Type designations, which go beyond the IEC 60529/IP codes.

That is

- Construction requirements
- Door and cover securement
- Corrosion resistance
- Effects of icing
- Gasket ageing and oil resistance
- Coolant effects

The NEMA 250 defines the Type for the enclosures:

The types are listed in the page 00.47 of Westec General Catalogue.

For this reason, IP code designation cannot be converted to enclosure NEMA 250 type numbers.

Most American customers require enclosures with NEMA, UL or CSA rating.

The MIC connectors of Westec have the advantage of not only meeting the International IP requirements, but also fully meeting the requirements of ANSI/UL50, ANSI/UL50E, NEMA 250 Type 4, Type 4x and Type 12, that is:

Type 4: Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, windblown dust, splashing water and hose-directed water; and that will be undamaged by the external formation of ice on the enclosures.

Type 4x: Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, windblown dust, splashing water and hose-directed water; and corrosion; and that will be undamaged by the external formation of ice on the enclosures.

Type 12: Enclosures constructed (without knockouts) for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, circulating dust, lint, fibers, and flyings; against dripping and light splashing of non-corrosive liquids; and against light splashing and consequent seepage of oil and non-corrosive coolants.

Compliance with NEMA requirements is voluntary.

NEMA does not require enclosures to be tested by qualified evaluators, but the UL Certification assures that the MIC connectors of Westec conform the US requirements, also guarantee the clients/users manufacturers of control cabinets and other electrical equipments the conformity to the NEMA and high rating of their products.

For the above the enclosures for MIC made by Westec can be marked with:



Enclosures applications:

In accordance with the standards and certifications all Westec enclosures are for indoor and outdoor uses: what therefore suggests the use of the polyester from aluminium enclosures STD Standard or HE for harsh environmental requirements?

The users shall consider the following:

polyamide enclosures compared with aluminium enclosures are limited by lower working temperature, high rate of ageing due to light, variation of temperature, sensitivity to the humidity, lower mechanical and impact strength, lower heat dissipation lower resistance and chemical agents.

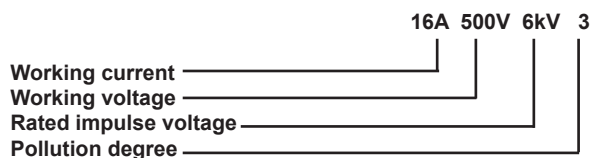
Either Westec aluminium enclosures STD/STD-HV and HE/HE-HV are designed, manufactured and certified for indoor and outdoor use in accordance the same International Standards and accordingly certified, but the HE/HE-HV enclosures are designed for more severe applications in harsh environments taking in consideration a higher resistance to salt atmosphere, corrosive liquids and higher resistance of the painted surfaces to the impacts of splashing water and hose-direct water even with high pressure.

The EMC enclosures are designed for indoor and outdoor use too, but as the aluminium surfaces is not painted, though protected by special galvanic treatment, they shall be used in not particularly aggressive environments.

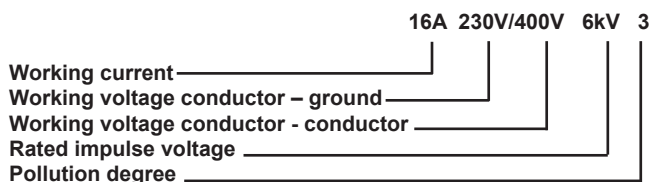
Enclosures Part No.	Cable glands for enclosures																																						
To facilitate the identification of the several versions of the enclosures, some digits of the part No. have a meaning in accordance with the following rules: Part No.: 78XX.ABCD.Y 78: Indicates the enclosures XX: Indicates the size in accordance with the following <table border="0"> <tr> <td>XX = 03</td><td>Size 3A «21x21»</td></tr> <tr> <td>XX = 06</td><td>Size 6B «44x27»</td></tr> <tr> <td>XX = 10</td><td>Size 10A «49x16» and 10B «57x27»</td></tr> <tr> <td>XX = 13</td><td>Size QD «32x13»</td></tr> <tr> <td>XX = 16</td><td>Size 16A «66x16» and 16B «77x27»</td></tr> <tr> <td>XX = 24</td><td>Size 24B «104x27»</td></tr> <tr> <td>XX = 32</td><td>Size 32A «66x40» and 32B «77x62»</td></tr> <tr> <td>XX = 48</td><td>Size 48B «104x62»</td></tr> </table> ABCD: serial number without any particular meaning Y: Indicates the version in accordance the following <table border="0"> <tr> <td>Y = 0</td><td>STD series</td></tr> <tr> <td>Y = 1</td><td>HE series</td></tr> <tr> <td>Y = 2</td><td>STD - HV series for 830V inserts</td></tr> <tr> <td>Y = 3</td><td>HE - HV series for 830V inserts</td></tr> <tr> <td>Y = 4</td><td>EMC series</td></tr> <tr> <td>Y = 5</td><td>Hoods STD series without threaded fitting</td></tr> <tr> <td>Y = 6</td><td>Hoods HE series without threaded fitting</td></tr> <tr> <td>Y = 7</td><td>Hoods STD - HV series for 830V inserts without threaded fittings</td></tr> <tr> <td>Y = 8</td><td>Hoods HE-HV series for 830V inserts without threaded fittings</td></tr> <tr> <td>Y = 9</td><td>Hoods EMC without threaded fitting</td></tr> <tr> <td>Y = A, B, etc</td><td>Special types</td></tr> </table> Note: Part No. bold letters refer to standard availability. Normal letters refer to items on special request.	XX = 03	Size 3A «21x21»	XX = 06	Size 6B «44x27»	XX = 10	Size 10A «49x16» and 10B «57x27»	XX = 13	Size QD «32x13»	XX = 16	Size 16A «66x16» and 16B «77x27»	XX = 24	Size 24B «104x27»	XX = 32	Size 32A «66x40» and 32B «77x62»	XX = 48	Size 48B «104x62»	Y = 0	STD series	Y = 1	HE series	Y = 2	STD - HV series for 830V inserts	Y = 3	HE - HV series for 830V inserts	Y = 4	EMC series	Y = 5	Hoods STD series without threaded fitting	Y = 6	Hoods HE series without threaded fitting	Y = 7	Hoods STD - HV series for 830V inserts without threaded fittings	Y = 8	Hoods HE-HV series for 830V inserts without threaded fittings	Y = 9	Hoods EMC without threaded fitting	Y = A, B, etc	Special types	The cable glands on the enclosures are used to protect and lock the cables with the enclosures ensuring the IP protection of the assembling connectors, enclosures, cable gland. Westec suggest the use of aluminium enclosures with metal cable glands only because these glands only can guarantee the performances of the enclosures: with metal cable glands we can reach the maximum mechanical resistance at pulling, shocks and vibration at the maximum rated temperature (+125°C). The polyester cable glands, can be used only in light environmental conditions and with lower temperature and mechanical strength. We recommend to use the IP68 metal cable gland with big size cable, because they can offer the biggest resistance at mechanical strength like side pulling and cycle movement, guaranteeing the IP degree of protection. Taking head of the above warnings, it's the user responsibility to select the right cable gland from the following series available: - IP66 polyamide cable glands - IP66 metal cable glands - IP68 polyamide cable glands - IP68 metal cable glands (please see Westerc General Catalogue) With HC high construction enclosures the using of metal cable glands IP68 is the best solution. Westec offers a wide range of enclosures with a wide range of both threadings Metric and Pg in accordance with market and customers requirements. For coupling with tubes and fittings with NPT thread Westec offers a range of adapters Metric - NPT and Pg - NPT. (please see Westerc General Catalogue) IP66 polyamide cable glands  IP66 metal cable glands  IP68 polyamide cable glands  IP68 metal cable glands 
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Y = A, B, etc	Special types																																						

Electrical data for connectors are specified as per EN 61984.

This example identifies a connector suitable for use in an unearthed power systems or earthed delta circuit



This example identifies a connector suitable exclusively for use in earthed power systems



Inserts series	No. of poles (1) Main contacts + ⊕	Auxiliary contacts	EN 61984 (2001-11) Pollution degree 3			EN 61984 (2001-11) Pollution degree 2			UL/CSA	Max rated current (2)	Contact resistance
			Rated voltage	Impulse withstand voltage	Pollution degree	Rated voltage	Impulse withstand voltage	Pollution degree	Rated voltage		
S-A	3, 4		250V or 230/400V	4kV	3	230/400V	4kV	2	600V	10A	≤ 1 mΩ
S-A	10, 16, (32)		250V	4kV	3	230/400V	4kV	2	600V	16A	≤ 1 mΩ
S-D	8		50V	0,8kV	3				50V	10A	≤ 3 mΩ
S-D	7, 15, 25, 40, (50), 64, (80), (128)		250V	4kV	3	230/400V	4kV	2	600V	10A	≤ 3 mΩ
S-DD	24, 42, 72, 108, (144), (216)		250V	4kV	3	230/400V	4kV	2	600V	10A	≤ 3 mΩ
S-E	6, 10, 16, 24, (32), (48)		500V	6kV	3	400/690V	6kV	2	600V	16A	≤ 1 mΩ
S-ES	6, 10, 16, 24, (32), (48)		500V	6kV	3	400/690V	6kV	2	600V	16A	≤ 3 mΩ
S-EP	6, 10, 16, 24, (32), (48)		500V	6kV	3	400/690V	6kV	2	600V	16A	≤ 3 mΩ
S-EE	10, 18, 32, 46, (64), (92)		500V	6kV	3	830V	8kV	2	600V	16A	≤ 1 mΩ
S-EAV	6, 10, 16, 24		500V	6kV	3				600V	16A	≤ 2 mΩ
S-EHV	3, 6, 10, (12), 16, (20), (32)	2,(4)	830V	8kV	3	1000V	8kV	2	600V	16A	≤ 1 mΩ
S-ESHV	3, 6, 10, (12), (20)	2,(4)	830V	8kV	3	1000V	8kV	2	600V	16A	≤ 3 mΩ
S-HSB	6, (12)		830V	6kV	3	1000V	8kV	2	600V	35A	≤ 0,5 mΩ
S-K 4/2	4 power contacts 2 signal contacts		830V 400V	8kV 6kV	3	1000V 400/690V	8kV 6kV	2	600V	80A 16A	≤ 0,3 mΩ ≤ 1 mΩ
S-K 4/8	4 power contacts 8 signal contacts		500V	6kV	3	400/690V	6kV	2	600V	80A 16A	≤ 0,3 mΩ ≤ 1 mΩ
S-Q 5/0	5		230/400V	4kV	3	320/500V	4kV	2	600V	16A	≤ 1 mΩ
S-Q 12	12		400V	6kV	3	400/690V	6kV	2	600V	10A	≤ 3 mΩ
S-QD 8/0	8 with thermoplastic enclosures 8 with metal enclosures		500V 230/400V	6kV 4kV	3 3	400/690V	6kV	2	600V	16A	≤ 1 mΩ
S-QD 17	17					250V	4kV	2	600V	10A	≤ 3 mΩ
S-QD 4/2	4 power contacts 2 signal contacts		400/690V 250V	6kV 6kV	3	-	-	-	600V 250V	40A 10A	≤ 0,3 mΩ ≤ 3 mΩ

1) The polarities indicated in brackets are obtained using two inserts

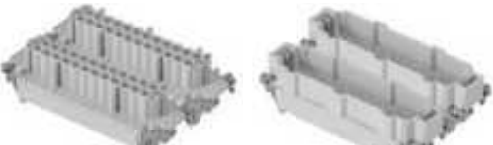
2) See the inserts load diagrams to determine the actual limit working current according to the ambient temperature.

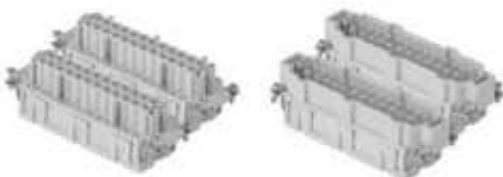
(please consult the Westec General Catalogue)

Remark:

All inserts manufactured by Westec are suitable for stranded and solid conductors.
According to EN61984 connectors should not be coupled and decoupled under electrical load.

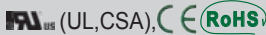
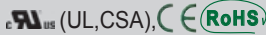
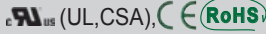
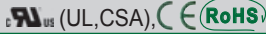
Series S-A	Working current 10A		Voltage 230V/400V 4kV 3		UL (UL,CSA), CE (RoHS)
No. of poles	3p + ⊕	3p + ⊕	4p + ⊕	4p + ⊕	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977					
Color	Grey	Black	Grey	Black	
Size	3A «21x21»	3A «21x21»	3A «21x21»	3A «21x21»	
Terminal	Screw	Screw	Screw	Screw	
Wire section mm²/AWG	0,5÷2,5 / 20-14	0,5÷2,5 / 20-14	0,5÷2,5 / 20-14	0,5÷2,5 / 20-14	
Numbering	1- 3	1- 3	1- 4	1- 4	
Female insert	Part. No. 7203.6001.0	Part. No. 7203.6001.1	Part. No. 7204.6002.0	Part. No. 7204.6002.1	
Male insert	Part. No. 7203.6101.0	Part. No. 7203.6101.1	Part. No. 7204.6102.0	Part. No. 7204.6102.1	
Series S-A	Working current 16A		Voltage 250V 4kV 3		UL (UL,CSA), CE (RoHS)
No. of poles	10p + ⊕	10p + ⊕	16p + ⊕	16p + ⊕	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977 Euromap					
Size	10A «49x16»	10A «49x16»	16A «66x16»	16A «66x16»	
Terminal	Screw	Crimp	Screw	Crimp	
Wire section mm²/AWG	0,5÷4 / 20-12	0,14÷4 / 26-12	0,5÷4 / 20-12	0,14÷4 / 26-12	
Numbering	1-10	1-10	1-16	1-16	
Female insert	Part. No. 7210.4401.0	Part. No. 7210.4451.0	Part. No. 7216.4402.0	Part. No. 7216.4452.0	
Male insert	Part. No. 7210.4411.0	Part. No. 7210.4461.0	Part. No. 7216.4412.0	Part. No. 7216.4462.0	
Series S-A	Working current 16A		Voltage 250V 4kV 3		UL (UL,CSA), CE (RoHS)
No. of poles	32p + ⊕		32p + ⊕		
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977 Euromap					
Size	32A «66x40»		32A «66x40»		
Terminal	Screw		Crimp		
Wire section mm²/AWG	0,5÷2,5 / 20-14		0,14÷4 / 26-12		
Numbering	1-16	17-32	1-16	17-32	
Female insert	Part. No. 7216.4402.0	Part. No. 7216.4403.0	Part. No. 7216.4452.0	Part. No. 7216.4453.0	
Male insert	Part. No. 7216.4412.0	Part. No. 7216.4413.0	Part. No. 7216.4462.0	Part. No. 7216.4463.0	
Series S-E	Working current 16A		Voltage 500V 6kV 3		UL (UL,CSA), CE (RoHS)
No. of poles	6p + ⊕	10p + ⊕	16p + ⊕	24p + ⊕	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977					
Size	6B «44x27»	10B «57x27»	16B «77x27»	24B «104x27»	
Terminal	Screw	Screw	Screw	Screw	
Wire section mm²/AWG	0,5÷4 / 21-12	0,5÷4 / 21-12	0,5÷4 / 21-12	0,5÷4 / 21-12	
Numbering	1-6	1-10	1-16	1-24	
Female insert	Part. No. 7306.6003.0	Part. No. 7310.6004.0	Part. No. 7316.6005.0	Part. No. 7324.6007.0	
Male insert	Part. No. 7306.6103.0	Part. No. 7310.6104.0	Part. No. 7316.6105.0	Part. No. 7324.6107.0	

Series S-E	Working current 16A Voltage 500V 6kV 3		UL (UL, CSA), CE (RoHS)	
No. of poles	32p + ⊕		48p + ⊕	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977				
Size	32B «77x62»		48B «104x62»	
Terminal	Screw		Screw	
Wire section mm²/AWG	0,5÷4 / 20-12		0,5÷4 / 20-12	
Numbering	1-16	17-32	1-24	25-48
Female insert Part. No.	7316.6005.0	7316.6006.0	7324.6007.0	7324.6008.0
Male insert Part. No.	7316.6105.0	7316.6106.0	7324.6107.0	7324.6108.0
Series S-E	Working current 16A Voltage 500V 6kV 3		UL (UL, CSA), CE (RoHS)	
No. of poles	6p + ⊕	10p + ⊕	16p + ⊕	24p + ⊕
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977				
Size	6B «44x27»	10B «57x27»	16B «77x27»	24B «104x27»
Terminal	Crimp	Crimp	Crimp	Crimp
Wire section mm²/AWG	0,14-4 / 26-12	0,14-4 / 26-12	0,14-4 / 26-12	0,14-4 / 26-12
Numbering	1-6	1-10	1-16	1-24
Female insert Part. No.	7306.6061.0	7310.6062.0	7316.6063.0	7324.6065.0
Male insert Part. No.	7306.6161.0	7310.6162.0	7316.6163.0	7324.6165.0
Series S-E	Working current 16A Voltage 500V 6kV 3		UL (UL, CSA), CE (RoHS)	
No. of poles	32p + ⊕		48p + ⊕	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977				
Size	32B «77x62»		48B «104x62»	
Terminal	Crimp		Crimp	
Wire section mm²/AWG	0,14÷4 / 26-12		0,14÷4 / 26-12	
Numbering	1-16	17-32	1-24	25-48
Female insert Part. No.	7316.6063.0	7316.6064.0	7324.6065.0	7324.6066.0
Male insert Part. No.	7316.6163.0	7316.6164.0	7324.6165.0	7324.6166.0
Series S-ES	Working current 16A Voltage 500V 6kV 3		UL (UL, CSA), CE (RoHS)	
No. of poles	6p + ⊕	10p + ⊕	16p + ⊕	24p + ⊕
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977				
Size	6B «44x27»	10B «57x27»	16B «77x27»	24B «104x27»
Terminal	Spring	Spring	Spring	Spring
Wire section mm²/AWG	0,14÷4 / 26-14	0,14÷2,5 / 26-14	0,14÷2,5 / 26-14	0,14÷2,5 / 26-14
Numbering	1-6	1-10	1-16	1-24
Female insert Part. No.	7306.5851.0	7310.5852.0	7316.5853.0	7324.5855.0
Male insert Part. No.	7306.5951.0	7310.5952.0	7316.5953.0	7324.5955.0

Series S-ES		Working current 16A		Voltage 500V 6kV 3		UL (UL, CSA), CE (RoHS)	
No. of poles		32p + ⊕		48p + ⊕			
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977							
Size		32B «77x62»		48B «104x62»			
Terminal		Spring		Spring			
Wire section mm²/AWG		0,14÷2,5 / 26-14		0,14÷2,5 / 26-14			
Numbering		1-16		17-32		1-24	
Female insert		Part. No. 7316.5853.0		7316.5854.0		7324.5855.0	
Male insert		Part. No. 7316.5953.0		7316.5954.0		7324.5955.0	
						25-48	
						7324.5856.0	
						7324.5956.0	
Series S-EE		Working current 16A		Voltage 500V 6kV 3		UL (UL, CSA), CE (RoHS)	
No. of poles		10p + ⊕		18p + ⊕		32p + ⊕	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977							
Size		6B «44x27»		10B «57x27»		16B «77x27»	
Terminal		Crimp		Crimp		Crimp	
Wire section mm²/AWG		0,14÷4 / 26-12		0,14÷4 / 26-12		0,14÷4 / 26-12	
Numbering		1-10		1-18		1-32	
Female insert		Part. No. 7310.6090.0		7318.6091.0		7332.6092.0	
Male insert		Part. No. 7310.6190.0		7318.6191.0		7332.6192.0	
						24B «104x27»	
						Crimp	
						0,14÷4 / 26-12	
						1-46	
						7346.6094.0	
						7346.6194.0	
Series S-EE		Working current 16A		Voltage 500V 6kV 3		UL (UL, CSA), CE (RoHS)	
No. of poles		64p + ⊕		92p + ⊕			
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977							
Size		32B «77x62»		48B «104x62»			
Terminal		Crimp		Crimp			
Wire section mm²/AWG		0,14÷4 / 26-12		0,14÷4 / 26-12			
Numbering		1-32		33-64		1-46	
Female insert		Part. No. 7332.6092.0		7332.6093.0		7346.6094.0	
Male insert		Part. No. 7332.6192.0		7332.6193.0		7346.6194.0	
						47-92	
						7346.6095.0	
						7346.6195.0	
Series S-EAV		Working current 16A		Voltage 500V 6kV 3		UL (UL, CSA), CE (RoHS)	
No. of poles		6p + ⊕ Left		6p + ⊕ Right		10p + ⊕ Left	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977							
Size		6B «44x27»		10B «57x27»		16B «77x27»	
Terminal		Screw with terminal block		Screw with terminal block		Screw with terminal block	
Wire section mm²/AWG		0,2÷2,5 / 24-14		0,2÷2,5 / 24-14		0,2÷2,5 / 24-14	
Numbering		1-6		1-6		1-10	
Female insert		Part. No. 7406.6011.0		7406.6012.0		7410.6013.0	
Male insert		Part. No. 7406.6111.0		7406.6112.0		7410.6113.0	
						24B «104x27»	
						Screw with terminal block	
						0,2÷2,5 / 24-14	
						1-10	
						7410.6014.0	
						7410.6114.0	

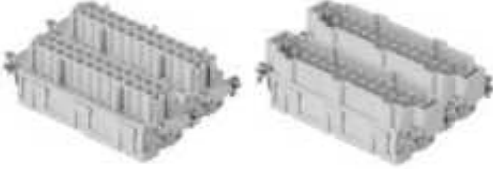
Series S-EAV	Working current 16A		Voltage 500V 6kV 3		UL (UL, CSA), CE (RoHS)
No. of poles	16p + ⊕ Left	16p + ⊕ Right	24p + ⊕ Left	24p + ⊕ Right	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977					
Size	16B «77x27»	16B «77x27»	24B «104x27»	24B «104x27»	
Terminal	Screw with terminal block	Screw with terminal block	Screw with terminal block	Screw with terminal block	
Wire section mm²/AWG	0,2÷2,5 / 24-14	0,2÷2,5 / 24-14	0,2÷2,5 / 24-14	0,2÷2,5 / 24-14	
Numbering	1-16	1-16	1-24	1-24	
Female insert	Part. No. 7416.6015.0	Part. No. 7416.6016.0	Part. No. 7424.6017.0	Part. No. 7424.6018.0	
Male insert	Part. No. 7416.6115.0	Part. No. 7416.6116.0	Part. No. 7424.6117.0	Part. No. 7424.6118.0	
Series S-EHV	Working current 16A		Voltage 830V 8kV 3		UL (UL, CSA), CE (RoHS)
No. of poles	3p + ⊕+2p	6p + ⊕+2p	10p + ⊕+2p	16p + ⊕+2p	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977					
Size	10B «57x27»	16B «77x27»	24B «104x27»	24B «104x27»	
Terminal	Screw	Screw	Screw	Screw	
Wire section mm²/AWG	0,5÷4 / 20-12	0,5÷4 / 20-12	0,5÷4 / 20-12	0,5÷4 / 20-12	
Numbering	1-10	1-16	1-24	1-16	
Female insert	Part. No. 7503.6031.0	Part. No. 7506.6032.0	Part. No. 7510.6033.0	Part. No. 7516.6034.0	
Male insert	Part. No. 7503.6131.0	Part. No. 7506.6132.0	Part. No. 7510.6133.0	Part. No. 7516.6134.0	
Series S-EHV	Working current 16A		Voltage 830V 8kV 3		UL (UL, CSA), CE (RoHS)
No. of poles	12(6x2)p + ⊕+4p		20(10x2)p + ⊕+4p		
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977					
Size	32B «77x62»		48B «104x62»		
Terminal	Screw		Screw		
Wire section mm²/AWG	0,5÷4 / 20-12		0,5÷4 / 20-12		
Numbering	1-16	17-32	1-24	25-48	
Female insert	Part. No. 7506.6032.0	Part. No. 7506.6052.0	Part. No. 7510.6033.0	Part. No. 7510.6053.0	
Male insert	Part. No. 7506.6132.0	Part. No. 7506.6152.0	Part. No. 7510.6133.0	Part. No. 7510.6153.0	
Series S-EHV	Working current 16A		Voltage 830V 8kV 3		UL (UL, CSA), CE (RoHS)
No. of poles	32(16x2)p + ⊕+2p	3p + ⊕+2p	6p + ⊕+2p	10p + ⊕+2p	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977					
Size	48B «104x62»	10B «57x27»	16B «77x27»	24B «104x27»	
Terminal	Screw	Crimp	Crimp	Crimp	
Wire section mm²/AWG	0,5÷4 / 20-12	0,14÷4 / 26-12	0,14÷4 / 26-12	0,14÷4 / 26-12	
Numbering	1-16 17-32	1-10	1-16	1-24	
Female insert	Part. No. 7516.6034.0 7516.6035.0	Part. No. 7503.6071.0	Part. No. 7506.6072.0	Part. No. 7510.6073.0	
Male insert	Part. No. 7516.6134.0 7516.6135.0	Part. No. 7503.6171.0	Part. No. 7506.6172.0	Part. No. 7510.6173.0	

Series S-EHV		Working current 16A		Voltage 830V 8kV 3		UL (UL,CSA), CE RoHS	
No. of poles		12(6x2)p + ⊕+4p		20(10x2)p + ⊕+4p			
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977		 		 			
Size		32B «77x62»		48B «104x62»			
Terminal		Crimp		Crimp			
Wire section mm²/AWG		0,14 ÷ 4 / 26-12		0,14 ÷ 4 / 26-12			
Numbering		1-16		17-32		1-24	
Female insert		Part. No. 7506.6072.0		7506.6082.0		7510.6073.0	
Male insert		Part. No. 7506.6172.0		7506.6182.0		7510.6173.0	
						25-48	
						7510.6083.0	
						7510.6183.0	
Series S-ESHV		Working current 16A		Voltage 830V 8kV 3		UL (UL,CSA), CE RoHS	
No. of poles		3p + ⊕+2p		6p + ⊕+2p		10p + ⊕+2p	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977		 		 		 	
Size		10B «57x27»		16B «77x27»		24B «104x27»	
Terminal		Spring		Spring		Spring	
Wire section mm²/AWG		0,14 ÷ 2,5 / 26-14		0,14 ÷ 2,5 / 26-14		0,14 ÷ 2,5 / 26-14	
Numbering		1-10		1-16		1-24	
Female insert		Part. No. 7503.5831.0		7506.5832.0		7510.5833.0	
Male insert		Part. No. 7503.5931.0		7506.5932.0		7510.5933.0	
Series S-ESHV		Working current 16A		Voltage 830V 8kV 3		UL (UL,CSA), CE RoHS	
No. of poles		12(6x2)p + ⊕+4p		20(10x2)p + ⊕+4p			
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977		 		 			
Size		32B «77x62»		48B «104x62»			
Terminal		Spring		Spring			
Wire section mm²/AWG		0,14 ÷ 2,5 / 26-14		0,14 ÷ 2,5 / 26-14			
Numbering		1-16		17-32		1-24	
Female insert		Part. No. 7506.5832.0		7506.5834.0		7510.5833.0	
Male insert		Part. No. 7506.5932.0		7506.5934.0		7510.5935.0	
						25-48	
						7510.5835.0	
						7510.5935.0	
Series S-HSB		Working current 35A		Voltage 830V 6kV 3		UL (UL,CSA), CE RoHS	
No. of poles		6p + ⊕		6p + ⊕		12p + ⊕	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977						 	
Size		16B «77x27»		16B «77x27»		32B «77x62»	
Terminal		Screw		Screw		Screw	
Wire section mm²/AWG		1,5 ÷ 6 / 16-10		1,5 ÷ 6 / 16-10		1,5 ÷ 6 / 16-10	
Numbering		1-6		1-6		1-6	
Female insert		Part. No. 7306.6041.0				7306.6041.0	
Male insert		Part. No.		7306.6141.0		7306.6042.0	
						7306.6142.0	

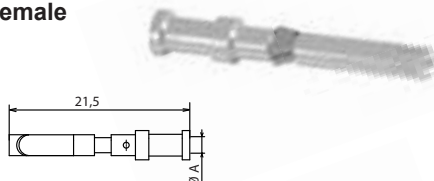
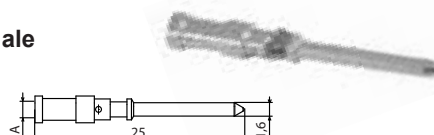
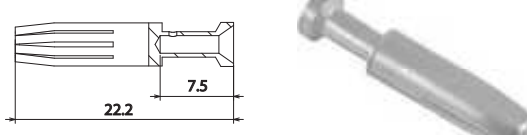
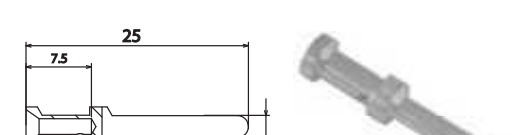
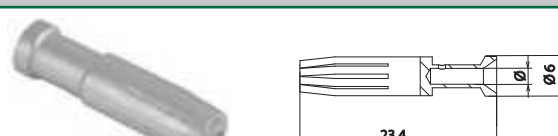
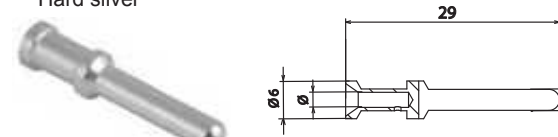
Series S-D	10A 50V/0,8kV/3	Current 10A Voltage 250V/4kV/3 		
No. of poles	8p	7p + 	15p + 	25p + 
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977				
Size Terminal Wire section mm²/AWG Numbering Female insert Part. No. Male insert Part. No.	3A «21x21» Crimp 0,14÷2,5 / 26-14 1-8 7108.4002.0 7108.4102.0	3A «21x21» Crimp 0,14÷2,5 / 26-14 1-7 Grey Black 7107.4001.0 7107.4001.1 7107.4101.0 7107.4101.1	10A «49x16» Crimp 0,14÷2,5 / 26-14 1-15 7115.4006.0 7115.4106.0	16A «66x16» Crimp 0,14÷2,5 / 26-14 1-25 7125.4012.0 7125.4112.0
Series S-D	Working current 10A Voltage 250V/4kV/3 			
No. of poles	40p + 	50p (25x2) + 	64p + 	80p (40x2) + 
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977				
Size Terminal Wire section mm²/AWG Numbering Female insert Part. No. Male insert Part. No.	16B «77x27» Crimp 0,14÷2,5 / 26-14 1-40 7140.4018.0 7140.4118.0	32A «66x40» Crimp 0,14÷2,5 / 26-14 1-25 Euromap 7125.4012.0 7125.4012.3 7125.4112.0 7125.4112.3	24B «104x27» Crimp 0,14÷2,5 / 26-14 1-64 7164.4024.0 7164.4124.0	32B «77x62» Crimp 0,14÷2,5 / 26-14 1-40 7140.4018.0 x 2 7140.4118.0 x 2
Series S-D / S-DD	Working current 10A Voltage 250V/4kV/3 			
No. of poles	S-D 128(64x2)p+ 	S-DD 24p + 	S-DD 42p + 	S-DD 72p + 
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977				
Size Terminal Wire section mm²/AWG Numbering Female insert Part. No. Male insert Part. No.	48B «104x62» Crimp 0,14÷2,5 / 26-14 1-64 7164.4024.0 x 2 7164.4124.0 x 2	6B «44x27» Crimp 0,14÷2,5 / 26-14 1-24 7124.4040.0 7124.4140.0	10B «57x27» Crimp 0,14÷2,5 / 26-14 1-42 7142.4046.0 7142.4146.0	16B «77x27» Crimp 0,14÷2,5 / 26-14 1-72 7172.4052.0 7172.4152.0
Series S-DD	Working current 10A Voltage 250V/4kV/3 			
No. of poles	108p + 	144(72x2)p + 		216(108x2)p + 
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977				
Size Terminal Wire section mm²/AWG Numbering Female insert Part. No. Male insert Part. No.	24B «104x27» Crimp 0,14÷2,5 / 26-14 1-108 7108.4058.0 7108.4158.0	32B «77x62» Crimp 0,14÷2,5 / 26-14 1-72 73-144 7172.4052.0 7172.4053.0 7172.4152.0 7172.4153.0		48B «104x62» Crimp 0,14÷2,5 / 26-14 1-108 109-216 7108.4058.0 7108.4059.0 7108.4158.0 7108.4159.0

Series S-K	Power 80A 830V/8kV/3 Signal 16A 400V/6kV/3	Power 80A 500V/8kV/3 Signal 16A 500V/6kV/3
No. of poles	4p x 80A + ⊕ - 4p x 80A + 2p x 16A + ⊕	4p x 80A + 8p x 16A + ⊕
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977  Size Terminal Wire section mm²/AWG Numbering Female insert Part. No. Male insert Part. No.	  16B «77x27» Screw Power 1,5 ÷ 16/16+5 - Signal 0,5 ÷ 2,5/20-14 1-4 1-4/11-12 7304.6044.0 7306.6045.0 7304.6144.0 7306.6145.0	  24B «104x27» Screw Power 1,5 ÷ 16/16-5 - Signal 0,5 ÷ 2,5/20-14 7312.6043.0 7312.6143.0
Series	S-Q 5/0 16A 230V/400V/4kV/3	S-Q 12 10A 400V/4kV/3
No. of poles	5p + ⊕	12p + ⊕
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977  Size Terminal Wire section mm²/AWG Numbering Female insert Part. No. Male insert Part. No.	  3A «21x21» Crimp 0,14 ÷ 2,5 / 26-14 1-5 7605.5801.0 7605.5901.0	  7000.6883.0 Polarization key 3A «21x21» Crimp 0,14 ÷ 2,5 / 26-14 1-12 7612.5805.0 7612.5905.0
Series	S-QD 8/0 16A 500V/6kV/3	S-QD 17 10A 250V/4kV/3
No. of poles	8p + ⊕	17p + ⊕
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977  Size Terminal Wire section mm²/AWG Numbering Female insert Part. No. Male insert Part. No.	   «32x13» Crimp 0,14 ÷ 4 / 26-12 1-8 7608.5807.0 7608.5907.0	  «32x13» Crimp 0,14 ÷ 2,5 / 26-14 1-17 7617.5811.0 7617.5911.0
Series	S-QD 4/2 Power 40A 400V/690V/4kV/3 Signal 10A 250V/4kV/3	
No. of poles	4p x 40A + 2p x 10A + ⊕	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977  Size Terminal Wire section mm²/AWG Numbering Female insert Part. No. Male insert Part. No.	   «32x13» Crimp Power 1,5 ÷ 6/16-10 - Signal 0,14 ÷ 2,5/26-14 1-4 11-12 7606.5815.0 7606.5915.0	

Series S-EP <i>New</i>		Working current 16A		Voltage 500V 6kV 3		UL (UL,CSA), CE (RoHS)			
No. of poles		6p + ⊕		10p + ⊕		16p + ⊕		24p + ⊕	
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977 				 					
Size		6B «44x27»		10B «57x27»		16B «77x27»		24B «104x27»	
Terminal		Push in		Push in		Push in		Push in	
Wire section mm²/AWG		0,14÷2,5 / 26-14		0,14÷2,5 / 26-14		0,14÷2,5 / 26-14		0,14÷2,5 / 26-14	
Numbering		1-6		1-10		1-16		1-24	
Female insert	Part. No.	7306.5861.0		7310.5862.0		7316.5863.0		7324.5865.0	
Male insert	Part. No.	7306.5961.0		7310.5962.0		7316.5963.0		7324.5965.0	

Series S-EP <i>New</i>		Working current 16A		Voltage 500V 6kV 3		UL (UL,CSA), CE (RoHS)	
No. of poles		32p + ⊕		48p + ⊕			
Electrical characteristics according to EN61984 UL/CSA 600V-UL1977 							
Size		32B «77x62»		48B «104x62»			
Terminal		Push in		Push in			
Wire section mm²/AWG		0,14÷2,5 / 26-14		0,14÷2,5 / 26-14			
Numbering		1-16		1-24			
Female insert	Part. No.	7316.5863.0		7324.5865.0			
Male insert	Part. No.	7316.5963.0		7324.5965.0			
		17-32		25-48			
		7316.5864.0		7324.5866.0			
		7316.5964.0		7324.5966.0			

Remark: With solid conductors or stranded with bush terminals

10A crimp contacts, turned		Stripping length	Numbering	Ø A	Wire mm²	Wire gauge	Part No.	
							Silver plated	Gold plated
Female 	8	1	0,90	0.14 - 0.37	26-22 AWG	7100.4201.0	7100.4201.1	
	8	2	1,10	0.5	20 AWG	7100.4202.0	7100.4202.1	
	8	2	1,30	0.75	18 AWG	7100.4203.0	7100.4203.1	
	8	3	1,45	1.0	17 AWG	7100.4204.0	7100.4204.1	
	8	4	1,75	1.5	16 AWG	7100.4205.0	7100.4205.1	
	6	5	2,25	2.5	14 AWG	7100.4206.0	7100.4206.1	
	Male 	8	1	0,90	0.14 - 0.37	26-22 AWG	7100.4211.0	7100.4211.1
		8	2	1,10	0.5	20 AWG	7100.4212.0	7100.4212.1
		8	2	1,30	0.75	18 AWG	7100.4213.0	7100.4213.1
		8	3	1,45	1.0	17 AWG	7100.4214.0	7100.4214.1
8		4	1,75	1.5	16 AWG	7100.4215.0	7100.4215.1	
6		5	2,25	2.5	14 AWG	7100.4216.0	7100.4216.1	
For inserts: S-D, S-DD, S-Q, S-QD, S-M								
- Material:		Copper alloy						
- Surface:		Hard silver or hard gold						
16A crimp contacts, turned				No. of grooves	Wire mm²	Wire gauge	Part No.	
							Silver plated	Gold plated
Female 			0	0.14 - 0.37	26-22 AWG	7300.6240.0	7300.6240.1	
			0	0.5	20 AWG	7300.6241.0	7300.6241.1	
			1	0.75	18 AWG	7300.6239.0	7300.6239.1	
			1	1.0	17 AWG	7300.6242.0	7300.6242.1	
			2	1.5	16 AWG	7300.6243.0	7300.6243.1	
			3	2.5	14 AWG	7300.6244.0	7300.6244.1	
			1 Wide	3.0	12 AWG	7300.6238.0	7300.6238.1	
			0	4.0	12 AWG	7300.6245.0	7300.6245.1	
	Male 			0	0.14 - 0.37	26-22 AWG	7300.6237.0	7300.6237.1
				0	0.5	20 AWG	7300.6246.0	7300.6246.1
			1	0.75	18 AWG	7300.6236.0	7300.6236.1	
			1	1.0	17 AWG	7300.6247.0	7300.6247.1	
			2	1.5	16 AWG	7300.6248.0	7300.6248.1	
			3	2.5	14 AWG	7300.6249.0	7300.6249.1	
			1 Wide	3.0	12 AWG	7300.6235.0	7300.6235.1	
			0	4.0	12 AWG	7300.6250.0	7300.6250.1	
For inserts: S-A, S-E, S-EE, S-EHV, S-Q, S-QD, S-M								
- Material:		Copper alloy						
- Surface:	Hard silver or hard gold							
- Stripping length:	7,5 mm							
- Identification:	By grooves							
40A crimp contacts, turned				Stripping length	Ø	Wire mm²	Wire gauge	Part.No.
								Silver plated
Female 			9	1,75	1,5	16 AWG	7600.5700.0	
			9	2,25	2.5	14 AWG	7600.5701.0	
			9,6	2,85	4.0	12 AWG	7600.5702.0	
			9,6	3,5	6.0	10 AWG	7600.5703.0	
For inserts: S-QD, S-M								
- Material:	Copper alloy							
- Surface:	Hard silver							
Male 			9	1,75	1,5	16 AWG	7600.5710.0	
			9	2,25	2.5	14 AWG	7600.5711.0	
			9,6	2,85	4.0	12 AWG	7600.5712.0	
			9,6	3,5	6.0	10 AWG	7600.5713.0	

For the best performance and the lowest contact resistance, Westec recommends the use of the manual tools, die sets and machines illustrated in the pages 52-53 of this catalogue

Stamped crimp contacts	Packing	Type	Wire mm ²	Wire gauge	Female Part No.		
					Silver plated	Tin plated	Gold plated
	100	A female	0.14 - 1.0	26-17 AWG	7100.4031.0	7100.4031.2	7100.4031.1
	400	B female	0.14 - 1.0	26-17 AWG	7100.4032.0	7100.4032.2	7100.4032.1
	2000	C female	0.14 - 1.0	26-17 AWG	7100.4033.0	7100.4033.2	7100.4033.1
	100	A female	0.75 - 2.5	18-14 AWG	7100.4037.0	7100.4037.2	7100.4037.1
	400	B female	0.75 - 2.5	18-14 AWG	7100.4038.0	7100.4038.2	7100.4038.1
	2000	C female	0.75 - 2.5	18-14 AWG	7100.4039.0	7100.4039.2	7100.4039.1
	- For the best performance and the lowest contact resistance, Westec recommends the use of the manual tools, die sets, and machines illustrated in the section 60 of this catalogue - For stranded wires only - Low insertion force - For inserts S-DD series we recommend contacts for wire sections 0.14 - 1.0 mm ² (AWG 26 - 17) only.						
	Packing	Type	Wire mm ²	Wire gauge	Male Part No.		
					Silver plated	Tin plated	Gold plated
	100	A male	0.14 - 1.0	26-17 AWG	7100.4071.0	7100.4071.2	7100.4071.1
	400	B male	0.14 - 1.0	26-17 AWG	7100.4072.0	7100.4072.2	7100.4072.1
	2000	C male	0.14 - 1.0	26-17 AWG	7100.4073.0	7100.4073.2	7100.4073.1
	100	A male	0.75 - 2.5	18-14 AWG	7100.4077.0	7100.4077.2	7100.4077.1
	400	B male	0.75 - 2.5	18-14 AWG	7100.4078.0	7100.4078.2	7100.4078.1
	2000	C male	0.75 - 2.5	18-14 AWG	7100.4079.0	7100.4079.2	7100.4079.1
	- For the best performance and the lowest contact resistance, Westec recommends the use of the manual tools, die sets, and machines illustrated in the section 60 of this catalogue - For stranded wires only - Low insertion force - For inserts S-DD series we recommend contacts for wire sections 0.14 - 1.0 mm ² (AWG 26 - 17) only.						



Type:

- A: Single contact
- B: On reel dia 200 mm.
- C: On reel dia 500 mm.
- Material: Phosphor bronze
- Surface: Hard silver or hard gold or tin plated

 For inserts:
 S-D, S-DD, S-Q, S-QD, S-M

 Dimensions in mm. Part No. bold letters refer to standard availability.
 Normal letters refer to items on special request.

Crimping tools: see page 53



Hoods top entry			Hoods side entry			Hoods top entry with lever			Covers with gasket for female inserts		
 Polyamide type  Metal type			 Polyamide type  Metal type			 Polyamide type  Metal type			 Polyamide type  Metal type		
Size		Part No.	Size	Thread	Part No.	Size	Thread	Part No.	Size		Part No.
3A «21x21»	M 20	Grey plastic 7803.6227.0	3A «21x21»	M 20	Grey plastic 7803.6229.0	3A «21x21»	M 20	Grey plastic 7803.6231.0	3A «21x21»		Grey plastic 7803.6801.0
3A «21x21»	Pg 11	7803.6207.0	3A «21x21»	Pg 11	7803.6209.0	3A «21x21»	Pg 11	7803.6211.0			
3A «21x21»	M 20	Black plastic 7803.6227.1	3A «21x21»	M 20	Black plastic 7803.6229.1	3A «21x21»	M 20	Black plastic 7803.6231.1	3A «21x21»		Black plastic 7803.6801.1
3A «21x21»	Pg 11	7803.6207.1	3A «21x21»	Pg 11	7803.6209.1	3A «21x21»	Pg 11	7803.6211.1			
3A «21x21»	M 20	Metal 7803.6228.0	3A «21x21»	M 20	Metal 7803.6230.0	3A «21x21»	M 20	Metal 7803.6232.0	3A «21x21»		Metal 7803.6802.0
3A «21x21»	Pg 11	7803.6208.0	3A «21x21»	Pg 11	7803.6210.0	3A «21x21»	Pg 11	7803.6212.0			
								With inox lever 7803.6232.A			
								7803.6212.A			
Housings bulkhead mounting			Housings bulkhead mounting right angle			Housings surface mounting one side cable entry			Covers for male inserts		
 Polyamide type  Metal type			 Polyamide type  Metal type			 Polyamide type  Metal type			 Polyamide type  Metal type		
Size		Part No.	Size		Part No.	Size	Thread	Part No.	Size		Part No.
3A «21x21»		Grey plastic 7803.6201.0	3A «21x21»		Grey plastic 7803.6203.0	3A «21x21»	M 20	Grey plastic 7803.6225.0	3A «21x21»		Grey plastic 7803.6803.0
3A «21x21»		Black plastic 7803.6201.1	3A «21x21»		Black plastic 7803.6203.1	3A «21x21»	Pg 11	7803.6205.0			
3A «21x21»		Metal 7803.6202.0	3A «21x21»		Metal 7803.6204.0	3A «21x21»	M 20	Black plastic 7803.6225.1	3A «21x21»		Black plastic 7803.6803.1
3A «21x21»		7803.6202.A	3A «21x21»		7803.6204.A	3A «21x21»	Pg 11	7803.6205.1			
								Metal 7803.6226.0	3A «21x21»		Metal 7803.6804.0
								7803.6206.0			
								With inox lever 7803.6226.A			
								7803.6206.A			
Type: STD for inserts size 3A, S-A, S-D, S-Q series			 Type 4/4x/12 			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 ÷ 51		

Insulating hoods STD type, black color			Insulating bulkhead mounting housings			Hood metal type			Bulkhead mounting housing with lever, metal type		
Top entry Side entry Top entry with lever			Right angle orizontal cable entry Right angle Straight			Top entry for IP68 cable gland Side entry HC - High construction					
Size	Cable Dia	Part No.	Size	Cable Dia	Part No.	Type	Thread	Part No.	Type		Part No.
«32x13»	8 - 14	Top entry 7908.6646.1	«32x13»	8 - 14	Right angle orizontal entry 7808.6663.1	HE	M 20	Top entry 7808.6654.6	HE		Straight 7808.6662.1
«32x13»	11 - 18	7908.6648.1	«32x13»	11 - 18	7808.6664.1	HE	M 25	7808.6655.6			
«32x13»	8 - 14	Side entry 7908.6640.1	«32x13»	-	Right angle 7808.6669.1						
«32x13»	11 - 18	7908.6643.1	«32x13»	-	Top entry with lever 7808.6660.1						
«32x13»	8 - 14	Top entry with lever 7908.6667.1	Insulating cover			HE	M 20	Side entry 7808.6650.6			
«32x13»	11 - 18	7908.6668.1				HE	M 25	7808.6651.6			
								Metal cable glands to be ordered separately.			
			Size		Part No.						
			«32x13»		Cover with gasket for female insert 7808.6665.1						
			«32x13»		Cover without gasket for male insert 7808.6666.1						
Type: STD, HE for S-QD inserts			 Type 4/4x/12 			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 ÷ 51		

Surface mounting housings			Bulkhead mounting housings			Hoods with 2 pegs and with one lever			Hoods Top entry with 2 pegs for one lever		
 With cover			 With cover			 Top entry  Side entry  Top entry with lever			 With threaded fitting Part No. "0"  Without threaded fitting Part No. "5" For IP68 cable glands HC - High construction		
Size	Thread	Part No.	Size		Part No.	Size	Thread	Part No.	Size	Thread	Part No.
10A «49x16»	M 20	7810.4501.0	10A «49x16»		7810.4541.0	Hoods with 2 pegs			10A «49x16»	M 20	7810.4561.0
10A «49x16»	M 20X2	7810.4502.0	16A «66x16»		7816.4543.0				10A «49x16»	M 25	7810.4562.0
10A «49x16»	M 25	7810.4503.0				Top entry			10A «49x16»	Pg 16	7810.4563.0
10A «49x16»	M 25X2	7810.4504.0							10A «49x16»	Pg 21	7810.4564.0
10A «49x16»	Pg 16	7810.4505.0				10A «49x16»	M 20	7810.4550.0	Without threaded fitting		
10A «49x16»	Pg 16X2	7810.4506.0	10A «49x16»		7810.4542.0	10A «49x16»	M 25	7810.4551.0			
10A «49x16»	Pg 21	7810.4507.0	16A «66x16»		7816.4544.0	10A «49x16»	Pg 13,5	7810.4552.0	Without threaded fitting		
10A «49x16»	Pg 21X2	7810.4508.0				10A «49x16»	Pg 16	7810.4553.0			
16A «66x16»	M 20	7816.4521.0	Cover with 2 pegs Cover with one lever			16A «66x16»	M 20	7816.4555.0	10A «49x16»	M 20	7810.4561.5
16A «66x16»	M 20X2	7816.4522.0				16A «66x16»	M 25	7816.4556.0	10A «49x16»	M 25	7810.4562.5
16A «66x16»	M 25	7816.4523.0				16A «66x16»	Pg 13,5	7816.4557.0	10A «49x16»	Pg 16	7810.4563.5
16A «66x16»	M 25X2	7816.4524.0				16A «66x16»	Pg 16	7816.4558.0	10A «49x16»	Pg 21	7810.4564.5
16A «66x16»	Pg 16	7816.4525.0				Side entry			16A «66x16»	M 20	7816.4566.0
16A «66x16»	Pg 16X2	7816.4526.0							16A «66x16»	M 25	7816.4567.0
16A «66x16»	Pg 21	7816.4527.0				10A «49x16»	M 20	7810.4571.0	16A «66x16»	Pg 16	7816.4568.0
16A «66x16»	Pg 21X2	7816.4528.0				10A «49x16»	M 25	7810.4572.0	16A «66x16»	Pg 21	7816.4569.0
		With cover				10A «49x16»	Pg 16	7810.4573.0	Without threaded fitting		
10A «49x16»	M 20	7810.4511.0				16A «66x16»	M 20	7816.4575.0			
10A «49x16»	M 20X2	7810.4512.0				16A «66x16»	M 25	7816.4576.0	16A «66x16»	M 20	7816.4566.5
10A «49x16»	M 25	7810.4513.0				16A «66x16»	Pg 16	7816.4577.0	16A «66x16»	M 25	7816.4567.5
10A «49x16»	M 25X2	7810.4514.0				Hoods top entry with lever			16A «66x16»	Pg 16	7816.4568.5
10A «49x16»	Pg 16	7810.4515.0							16A «66x16»	Pg 21	7816.4569.5
10A «49x16»	Pg 16X2	7810.4516.0							* Without cable entry		
10A «49x16»	Pg 21	7810.4517.0									
10A «49x16»	Pg 21X2	7810.4518.0	Size		Part No.	10A «49x16»	M 20	7810.4490.0	10A «49x16»	*	7810.4565.0
16A «66x16»	M 20	7816.4531.0				10A «49x16»	M 25	7810.4491.0	16A «66x16»	*	7816.4570.0
16A «66x16»	M 20X2	7816.4532.0				10A «49x16»	Pg 13,5	7810.4992.0			
16A «66x16»	M 25	7816.4533.0	10A «49x16»		Cover with 2 pegs and gasket for housings with one lever	10A «49x16»	Pg 16	7810.4993.0			
16A «66x16»	M 25X2	7816.4534.0	16A «66x16»		7810.4591.0	16A «66x16»	M 20	7816.4994.0			
16A «66x16»	Pg 16	7816.4535.0			7816.4592.0	16A «66x16»	M 25	7816.4995.0			
16A «66x16»	Pg 16X2	7816.4536.0			Cover with one lever for hoods with 2 pegs	16A «66x16»	Pg 13,5	7816.4996.0			
16A «66x16»	Pg 21	7816.4537.0	10A «49x16»		7810.4594.0	16A «66x16»	Pg 16	7816.4997.0			
16A «66x16»	Pg 21X2	7816.4538.0	16A «66x16»		7816.4595.0						
Type: STD for inserts size 10A and 16A, S-A, S-D series			 Type 4/4x/12 			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 ÷ 51		

Hoods side entry with 2 pegs for one lever			Surface mounting housings double locking			Bulkhead mounting housings double locking			Hoods top entry with 4 pegs for 2 levers		
 With threaded fitting part No. "0"  Without threaded fitting part No. "5" For IP68 cable glands HC - High construction			 			 			 With threaded fitting part No. "0"  Without threaded fitting part No. "5" For IP68 cable glands HC - High construction		
Size	Thread	Part No.	Size	Thread	Part No.	Size	Color	Part No.	Size	Thread	Part No.
10A «49x16»	M 20	HC-With threaded fitting 7810.4581.0	32A «66x40»	M 25	With double levers 7832.4600.0	32A «66x40»	Grey RAL 7037	With double levers 7832.4631.0	32A «66x40»	M 25	HC-With threaded fitting 7832.4641.0
10A «49x16»	M 25	7810.4582.0	32A «66x40»	M 25X2	7832.4601.0			Reversed with 4 pegs and cover	32A «66x40»	M 32	7832.4642.0
10A «49x16»	Pg 16	7810.4583.0	32A «66x40»	M 32	7832.4602.0				32A «66x40»	Pg 21	7832.4643.0
10A «49x16»	Pg 21	7810.4584.0	32A «66x40»	M 32X2	7832.4603.0	32A «66x40»	Grey RAL 7037	7832.4633.0	32A «66x40»	Pg 29	7832.4644.0
		HC-Without threaded fitting	32A «66x40»	M 40	7832.4604.0			With double levers and cover			HC-Without threaded fitting
10A «49x16»	M 20	7810.4581.5	32A «66x40»	M 40x2	7832.4605.0				32A «66x40»	M 25	7832.4641.5
10A «49x16»	M 25	7810.4582.5	32A «66x40»	Pg 21	7832.4606.0	32A «66x40»	Grey RAL 7037	7832.4705.0	32A «66x40»	M 32	7832.4642.5
10A «49x16»	Pg 16	7810.4583.5	32A «66x40»	Pg 21X2	7832.4607.0				32A «66x40»	Pg 21	7832.4643.5
10A «49x16»	Pg 21	7810.4584.5	32A «66x40»	Pg 29	7832.4608.0	32A «66x40»	Grey RAL 7035	7832.4715.0	32A «66x40»	Pg 29	7832.4644.5
		HC-With threaded fitting	32A «66x40»	Pg 29X2	7832.4609.0			Reversed with 4 pegs and cover			
16A «66x16»	M 20	7816.4586.0	32A «66x40»	M 25	7832.4610.0			With one lever and cover			
16A «66x16»	M 25	7816.4587.0	32A «66x40»	M 25X2	7832.4611.0	32A «66x40»	Grey RAL 7037	7832.4700.0			
16A «66x16»	Pg 16	7816.4588.0	32A «66x40»	M 32	7832.4612.0						
16A «66x16»	Pg 21	7816.4589.0	32A «66x40»	M 32X2	7832.4613.0	32A «66x40»	Grey RAL 7035	7832.4710.0			
		HC-Without threaded fitting	32A «66x40»	M 40	7832.4614.0						
16A «66x16»	M 20	7816.4586.5	32A «66x40»	M 40x2	7832.4615.0						
16A «66x16»	M 25	7816.4587.5	32A «66x40»	Pg 21	7832.4616.0						
16A «66x16»	Pg 16	7816.4588.5	32A «66x40»	Pg 21X2	7832.4617.0						
16A «66x16»	Pg 21	7816.4589.5	32A «66x40»	Pg 29	7832.4618.0						
			32A «66x40»	Pg 29X2	7832.4619.0						
Type: STD for inserts size 10A, 16A, 32A, S-A, S-D series			 			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 ÷ 51		

Hoods side entry with 4 pegs for 2 levers			Reversed locking hoods, top entry, with 2 levers			Reversed locking hoods, side entry, with 2 levers			Covers for double locking system		
  			  HC - High construction			  			 		
Type	Thread	Part No.	Type	Thread	Part No.	Type	Thread	Part No.	Locking	Thread	Part No.
SC - Standard construction	M 25	7832.4647.0	HC- High construction With threaded fitting	M 25	7832.4656.0	SC - Standard construction	M 25	7832.4661.0	With 4 pegs		7832.4671.0
	M 32	7832.4648.0		M 32	7832.4657.0		M 32	7832.4662.0			
	Pg 21	7832.4649.0		Pg 21	7832.4658.0		Pg 21	7832.4663.0			
HC- High construction With threaded fitting	M 25	7832.4651.0	HC- High construction Without threaded fitting For IP68 cable glands	Pg 29	7832.4659.0	HC- High construction With threaded fitting	M 25	7832.4665.0	With 2 levers and gasket		7832.4672.0
	M 32	7832.4652.0		M 25	7832.4656.5		M 32	7832.4666.0			
	Pg 21	7832.4653.0		M 32	7832.4657.5		Pg 21	7832.4667.0			
HC- High construction Without threaded fitting For IP68 cable glands	Pg 29	7832.4654.0		Pg 21	7832.4658.5	HC- High construction Without threaded fitting For IP68 cable glands	Pg 29	7832.4668.0	Covers for reversed double locking system		
	M 25	7832.4651.5	Pg 29	7832.4659.5	M 25		7832.4665.5				
	M 32	7832.4652.5	M 32	7832.4666.5							
Pg 21	7832.4653.5			Pg 21		7832.4667.5	Locking				Part No.
Pg 29	7832.4654.5			Pg 29	7832.4668.5	With 4 pegs and gasket			7832.4673.0		
									With 2 levers without gasket		7832.4674.0
Type: STD for inserts size 32A, «66x40» S-A, S-D series			 Type 4/4x/12  			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 ÷ 51		

Surface mounting housings			Surface mounting housings with cover			Surface mounting housings			Surface mounting housings with cover		
											
						HC - High construction			HC - High construction		
Size	Thread	Part No.	Size	Thread	Part No.	Size	Thread	Part No.	Size	Thread	Part No.
6B «44 x 27»	M 20	7806.6351.0	6B «44 x 27»	M 20	7806.6361.0	6B «44 x 27»	M 25x2	7806.7150.0	6B «44 x 27»	M 25x2	7806.7264.0
6B «44 x 27»	M 20X2	7806.6352.0	6B «44 x 27»	M 20X2	7806.6362.0	6B «44 x 27»	M 32	7806.7151.0	6B «44 x 27»	M 32	7806.7265.0
6B «44 x 27»	Pg 16	7806.6301.0	6B «44 x 27»	Pg 16	7806.6311.0	6B «44 x 27»	M 32X2	7806.7152.0	6B «44 x 27»	M 32X2	7806.7266.0
6B «44 x 27»	Pg 16X2	7806.6302.0	6B «44 x 27»	Pg 16X2	7806.6312.0	6B «44 x 27»	M 40	7806.7153.0	6B «44 x 27»	M 40	7806.7267.0
10B «57 x 27»	M 20	7810.6353.0	10B «57 x 27»	M 20	7810.6363.0	6B «44 x 27»	M 40X2	7806.7154.0	6B «44 x 27»	M 40X2	7806.7268.0
10B «57 x 27»	M 20X2	7810.6354.0	10B «57 x 27»	M 20X2	7810.6364.0	6B «44 x 27»	Pg 21	7806.7155.0	6B «44 x 27»	Pg 21	7806.7269.0
10B «57 x 27»	Pg 16	7810.6303.0	10B «57 x 27»	Pg 16	7810.6313.0	6B «44 x 27»	Pg 21X2	7806.7156.0	6B «44 x 27»	Pg 21X2	7806.7270.0
10B «57 x 27»	Pg 16X2	7810.6304.0	10B «57 x 27»	Pg 16X2	7810.6314.0	6B «44 x 27»	Pg 29	7806.7157.0	6B «44 x 27»	Pg 29	7806.7271.0
16B «77 x 27»	M 25	7816.6355.0	16B «77 x 27»	M 25	7816.6365.0	6B «44 x 27»	Pg 29X2	7806.7158.0	6B «44 x 27»	Pg 29X2	7806.7272.0
16B «77 x 27»	M 25X2	7816.6356.0	16B «77 x 27»	M 25X2	7816.6366.0	10B «57 x 27»	M 25x2	7810.7159.0	10B «57 x 27»	M 25x2	7810.7273.0
16B «77 x 27»	Pg 21	7816.6305.0	16B «77 x 27»	Pg 21	7816.6315.0	10B «57 x 27»	M 32	7810.7160.0	10B «57 x 27»	M 32	7810.7274.0
16B «77 x 27»	Pg 21X2	7816.6306.0	16B «77 x 27»	Pg 21X2	7816.6316.0	10B «57 x 27»	M 32X2	7810.7161.0	10B «57 x 27»	M 32X2	7810.7275.0
24B «104 x 27»	M 25	7824.6357.0	24B «104 x 27»	M 25	7824.6367.0	10B «57 x 27»	M 40	7810.7162.0	10B «57 x 27»	M 40	7810.7276.0
24B «104 x 27»	M 25X2	7824.6358.0	24B «104 x 27»	M 25X2	7824.6368.0	10B «57 x 27»	M 40X2	7810.7163.0	10B «57 x 27»	M 40X2	7810.7277.0
24B «104 x 27»	Pg 21	7824.6307.0	24B «104 x 27»	Pg 21	7824.6317.0	10B «57 x 27»	Pg 21	7810.7164.0	10B «57 x 27»	Pg 21	7810.7278.0
24B «104 x 27»	Pg 21X2	7824.6308.0	24B «104 x 27»	Pg 21X2	7824.6318.0	10B «57 x 27»	Pg 21X2	7810.7165.0	10B «57 x 27»	Pg 21X2	7810.7279.0
32B «77 x 62»	M 40	7832.6380.0	32B «77 x 62»	M 40	7832.6382.0	10B «57 x 27»	Pg 29	7810.7166.0	10B «57 x 27»	Pg 29	7810.7280.0
32B «77 x 62»	M 40X2	7832.6381.0	32B «77 x 62»	M 40X2	7832.6383.0	10B «57 x 27»	Pg 29X2	7810.7167.0	10B «57 x 27»	Pg 29X2	7810.7281.0
32B «77 x 62»	M 50	7832.6359.0	32B «77 x 62»	M 50	7832.6369.0	16B «77 x 27»	M 25x2	7816.7168.0	16B «77 x 27»	M 25x2	7816.7282.0
32B «77 x 62»	M 50X2	7832.6360.0	32B «77 x 62»	M 50X2	7832.6370.0	16B «77 x 27»	M 32	7816.7169.0	16B «77 x 27»	M 32	7816.7283.0
32B «77 x 62»	Pg 29	7832.6330.0	32B «77 x 62»	Pg 29	7832.6334.0	16B «77 x 27»	M 32X2	7816.7170.0	16B «77 x 27»	M 32X2	7816.7284.0
32B «77 x 62»	Pg 29X2	7832.6331.0	32B «77 x 62»	Pg 29X2	7832.6335.0	16B «77 x 27»	M 40	7816.7171.0	16B «77 x 27»	M 40	7816.7285.0
32B «77 x 62»	Pg 36	7832.6309.0	32B «77 x 62»	Pg 36	7832.6319.0	16B «77 x 27»	M 40X2	7816.7172.0	16B «77 x 27»	M 40X2	7816.7286.0
32B «77 x 62»	Pg 36X2	7832.6310.0	32B «77 x 62»	Pg 36X2	7832.6320.0	16B «77 x 27»	Pg 21	7816.7173.0	16B «77 x 27»	Pg 21	7816.7287.0
32B «77 x 62»	Pg 42	7832.6332.0	32B «77 x 62»	Pg 42	7832.6336.0	16B «77 x 27»	Pg 21X2	7816.7174.0	16B «77 x 27»	Pg 21X2	7816.7288.0
32B «77 x 62»	Pg 42X2	7832.6333.0	32B «77 x 62»	Pg 42X2	7832.6337.0	16B «77 x 27»	Pg 29	7816.7175.0	16B «77 x 27»	Pg 29	7816.7289.0
48B «104 x 62»	M 32X2	7848.7429.0	48B «104 x 62»	M 32X2	7848.7433.0	16B «77 x 27»	Pg 29X2	7816.7176.0	16B «77 x 27»	Pg 29X2	7816.7290.0
48B «104 x 62»	M 40X2	7848.7430.0	48B «104 x 62»	M 40X2	7848.6386.0	24B «104 x 27»	M 32	7824.7178.0	24B «104 x 27»	M 32	7824.7292.0
48B «104 x 62»	M 50X2	7848.7431.0	48B «104 x 62»	M 50X2	7848.6371.0	24B «104 x 27»	M 32X2	7824.7179.0	24B «104 x 27»	M 32X2	7824.7293.0
48B «104 x 62»	Pg 29X2	7848.7530.0	48B «104 x 62»	Pg 29X2	7848.6342.0	24B «104 x 27»	M 40	7824.7180.0	24B «104 x 27»	M 40	7824.7294.0
48B «104 x 62»	Pg 36X2	7848.7531.0	48B «104 x 62»	Pg 36X2	7848.6321.0	24B «104 x 27»	M 40X2	7824.7181.0	24B «104 x 27»	M 40X2	7824.7295.0
◇: With enlarger Pg36/Pg42 Type: STD for inserts up to 500V S-D, S-DD, S-E, S-ES, S-ESHV, S-EE, S-HSB, S-K, S-M series			 Type 4/4x/12 			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 ÷ 51		

Housing with automatic cover	Surface mounting housing with automatic cover			Surface mounting housing with automatic cover		
						
	PATENTED			HC - High construction PATENTED		
Technical characteristics	Size	Thread	Part No.	Size	Thread	Part No.
The housing are provided with a special closing system that allows the fastening of the cover and to achieve the IP66 degree fully automatically. IP69K protection degree with lever. When the operator disconnects the mobile connector from the machine for any reason, transport, maintenance, cleaning etc., shall protect the insert of the fixed connector applying and manually locking the cover by the lever of the mechanical locking system: this to avoid that the further operations will cause the damage of the fixed connector and of the electrical equipment if the bulkhead housing are used. The new Westec housings with automatic cover protect the fixed connectors and the electrical equipments on which they are assembled fully automatically: just when the mobile connector is disconnected. The fastening of cover is obtained with a combination of a magnetic and a mechanical mechanism that permit the tight closing of the cover. The opening of the cover is facilitated by pushing the lever in the opposite direction. These housings can be mated with all mobile enclosures with single locking system with one lever. They are also compatible with the metal hoods made by other makers though we guarantee the best performance and the precise conformity with the Standards when Westec inserts, enclosures and cable glands are used. We suggest to verify the use near components sensible to strong magnetic fields. PATENTED	6B «44 x 27»	M 20	7806.7251.0	6B «44x27»	M25x2	7806.7220.0
	6B «44 x 27»	M 20X2	7806.7252.0	6B «44x27»	M 32	7806.7221.0
	6B «44 x 27»	Pg 16	7806.7211.0	6B «44x27»	M 32X2	7806.7222.0
	6B «44 x 27»	Pg 16X2	7806.7212.0	6B «44x27»	M 40	7806.7223.0
	10B «57x 27»	M 20	7810.7253.0	6B «44x27»	M 40X2	7806.7224.0
	10B «57x 27»	M 20X2	7810.7254.0	6B «44x27»	Pg 21	7806.7225.0
	10B «57x 27»	Pg 16	7810.7213.0	6B «44x27»	Pg 21X2	7806.7226.0
	10B «57x 27»	Pg 16X2	7810.7214.0	6B «44x27»	Pg 29	7806.7227.0
	16B «77x 27»	M 25	7816.7255.0	6B «44x27»	Pg 29X2	7806.7228.0
	16B «77x 27»	M 25X2	7816.7256.0	10B «57x27»	M25x2	7810.7229.0
	16B «77x 27»	Pg 21	7816.7215.0	10B «57x27»	M 32	7810.7230.0
	16B «77x 27»	Pg 21X2	7816.7216.0	10B «57x27»	M 32X2	7810.7231.0
	24B «104x27»	M 25	7824.7257.0	10B «57x27»	M 40	7810.7232.0
	24B «104x27»	M 25X2	7824.7258.0	10B «57x27»	M 40X2	7810.7233.0
	24B «104x27»	Pg 21	7824.7217.0	10B «57x27»	Pg 21	7810.7234.0
	24B «104x27»	Pg 21X2	7824.7218.0	10B «57x27»	Pg 21X2	7810.7235.0
				10B «57x27»	Pg 29	7810.7236.0
				10B «57x27»	Pg 29X2	7810.7237.0
				16B «77x27»	M25x2	7816.7238.0
				16B «77x27»	M 32	7816.7239.0
				16B «77x27»	M 32X2	7816.7240.0
				16B «77x27»	M 40	7816.7241.0
				16B «77x27»	M 40X2	7816.7242.0
				16B «77x27»	Pg 21	7816.7243.0
				16B «77x27»	Pg 21X2	7816.7244.0
				16B «77x27»	Pg 29	7816.7245.0
				16B «77x27»	Pg 29X2	7816.7246.0
				24B «104x27»	M 32	7824.7247.0
				24B «104x27»	M 32X2	7824.7248.0
				24B «104x27»	M 40	7824.7249.0
				24B «104x27»	M 40X2	7824.7250.0
				24B «104x27»	Pg 21	7824.7201.0
				24B «104x27»	Pg 21X2	7824.7202.0
				24B «104x27»	Pg 29	7824.7203.0
				24B «104x27»	Pg 29X2	7824.7204.0
Type: STD for inserts up to 500V S-D, S-DD, S-E, S-ES, S-ESHV, S-EE, S-HSB, S-K, S-M series	 			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue		
				Accessories, cable glands and tools see page: 42 ÷ 51		

Bulkhead mounting housings			Hoods with 2 pegs for 1 lever			Hoods top entry with 2 pegs for 1 lever			Hoods top entry with 2 pegs for 1 lever		
			Top entry  Side entry 			With threaded fitting  HC - High construction			Without threaded fitting For IP68 cable glands  Without cable entry  HC - High construction		
Size		Part No.	Size	Thread	Part No.	Size	Thread	Part No.	Size	Thread	Part No.
6B «44 x 27»		7806.6401.0	6B «44 x 27»	M 20	Top entry 7806.6553.0	6B «44 x 27»	M 25	7806.6449.0	6B «44 x 27»	M 25	7806.6449.5
10B «57 x 27»		7810.6403.0	6B «44 x 27»	M 25	7806.6554.0	6B «44 x 27»	M 32	7806.6450.0	6B «44 x 27»	M 32	7806.6450.5
16B «77 x 27»		7816.6405.0	6B «44 x 27»	Pg 13.5	7806.6503.0	6B «44 x 27»	Pg 21	7806.6427.0	6B «44 x 27»	Pg 21	7806.6427.5
24B «104 x 27»		7824.6407.0	6B «44 x 27»	Pg 16	7806.6504.0	6B «44 x 27»	Pg 29	7806.6428.0	6B «44 x 27»	Pg 29	7806.6428.5
32B «77 x 62»		7832.6409.0	10B «57 x 27»	M 20	7810.6556.0	10B «57 x 27»	M 32	7810.6451.0	10B «57 x 27»	M 32	7810.6451.5
48B «104x62»		7848.7440.0	10B «57 x 27»	M 25	7810.6593.0	10B «57 x 27»	M 40	7810.6452.0	10B «57 x 27»	M 40	7810.6452.5
			10B «57 x 27»	Pg 16	7810.6506.0	10B «57 x 27»	Pg 21	7810.6429.0	10B «57 x 27»	Pg 21	7810.6429.5
			10B «57 x 27»	Pg 16		10B «57 x 27»	Pg 29	7810.6430.0	10B «57 x 27»	Pg 29	7810.6430.5
		With cover	16B «77 x 27»	M 25	7816.6558.0	16B «77 x 27»	M 32	7816.6453.0	16B «77 x 27»	M 32	7816.6453.5
6B «44 x 27»		7806.6402.0	16B «77 x 27»	M 32	7816.6547.0	16B «77 x 27»	M 40	7816.6454.0	16B «77 x 27»	M 40	7816.6454.5
10B «57 x 27»		7810.6404.0	16B «77 x 27»	Pg 21	7816.6508.0	16B «77 x 27»	Pg 21	7816.6431.0	16B «77 x 27»	Pg 21	7816.6431.5
16B «77 x 27»		7816.6406.0	16B «77 x 27»	Pg 29	7816.6548.0	16B «77 x 27»	Pg 29	7816.6432.0	16B «77 x 27»	Pg 29	7816.6432.5
24B «104 x 27»		7824.6408.0	24B «104 x 27»	M 25	7824.6560.0	24B «104 x 27»	M 32	7824.6455.0	24B «104 x 27»	M 32	7824.6455.5
32B «77 x 62»		7832.6410.0	24B «104 x 27»	M 32	7824.6924.0	24B «104 x 27»	M 40	7824.6456.0	24B «104 x 27»	M 40	7824.6456.5
48B «104x62»		7848.6411.0	24B «104 x 27»	Pg 21	7824.6510.0	24B «104 x 27»	Pg 21	7824.6433.0	24B «104 x 27»	Pg 21	7824.6433.5
			24B «104 x 27»	Pg 29	7824.6613.0	24B «104 x 27»	Pg 29	7824.6434.0	24B «104 x 27»	Pg 29	7824.6434.5
		With automatic cover			Side entry	32B «77 x 62»	M 32	7832.7135.0	32B «77 x 62»	M 32	7832.7135.5
6B «44x27»		7806.7205.0	6B «44 x 27»	M 20	7806.6551.0	32B «77 x 62»	M 40	7832.6562.0	32B «77 x 62»	M 40	7832.6562.5
10B «57x27»		7810.7206.0	6B «44 x 27»	M 25	7806.6552.0	32B «77 x 62»	Pg 29	7832.7134.0	32B «77 x 62»	Pg 29	7832.7134.5
16B «77x27»		7816.7207.0	6B «44 x 27»	Pg 13.5	7806.6501.0	32B «77 x 62»	Pg 36	7832.6512.0	32B «77 x 62»	Pg 36	7832.6512.5
24B «104x27»		7824.7208.0	6B «44 x 27»	Pg 16	7806.6502.0	48B «104 x 62»	M 32	7848.6566.0	48B «104 x 62»	M 32	7848.6566.5
			10B «57 x 27»	M 20	7810.6555.0	48B «104 x 62»	M 40	7848.6567.0	48B «104 x 62»	M 40	7848.6567.5
			10B «57 x 27»	M 25	7810.6594.0	48B «104 x 62»	M 50	7848.6568.0	48B «104 x 62»	M 50	7848.6568.5
			10B «57 x 27»	Pg 16	7810.6505.0	48B «104 x 62»	Pg 29	7848.6516.0	48B «104 x 62»	Pg 29	7848.6516.5
			16B «77 x 27»	M 25	7816.6557.0	48B «104 x 62»	Pg 36	7848.6517.0	48B «104 x 62»	Pg 36	7848.6517.5
			16B «77 x 27»	M 32	7816.6549.0	48B «104 x 62»	Pg 42	7848.6518.0	48B «104 x 62»	Pg 42	7848.6518.5
			16B «77 x 27»	Pg 21	7816.6507.0						Without cable entry
			16B «77 x 27»	Pg 29	7816.6550.0						7806.6941.0
			24B «104 x 27»	M 25	7824.6559.0				6B «44 x 27»		7810.7007.0
			24B «104 x 27»	M 32	7824.6925.0				10B «57 x 27»		7816.7019.0
			24B «104 x 27»	Pg 21	7824.6509.0				16B «77 x 27»		7824.7043.0
			24B «104 x 27»	Pg 29	7824.6614.0				24B «104 x 27»		7832.7148.0
									32B «77 x 62»		7848.7149.0
									48B «104x62»		
Type: STD for inserts up to 500V S-D, S-DD, S-E, S-ES, S-ESHV, S-EE, S-HSB, S-K, S-M series			 Type 4/4x/12 			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 + 51		

Hoods side entry with 2 pegs for 1 lever			Hoods side entry with 2 pegs for 1 lever			Hoods top entry with 1 lever and gasket			Hoods top entry with 1 lever and gasket		
With threaded fitting  HC - High construction			Without threaded fitting For IP68 cable glands  HC - High construction						With threaded fitting  Without threaded fitting For IP68 cable glands  HC - High construction		
Size	Thread	Part No.	Size	Thread	Part No.	Size	Thread	Part No.	Size	Thread	Part No.
6B «44 x 27»	M 25	7806.6491.0	6B «44 x 27»	M 25	7806.6491.5	6B «44 x 27»	M 20	7806.6592.0	10B «57 x 27» 10B «57 x 27» 10B «57 x 27» 10B «57 x 27»	M 25 M 32 Pg 21 Pg 29	With threaded fitting 7810.7008.0 7810.7009.0 7810.7107.0 7810.7108.0
6B «44 x 27»	M 32	7806.6492.0	6B «44 x 27»	M 32	7806.6492.5	6B «44 x 27»	M 25	7806.6581.0			
6B «44 x 27»	Pg 21	7806.6477.0	6B «44 x 27»	Pg 21	7806.6477.5	6B «44 x 27»	Pg 13,5	7806.6542.0			
6B «44 x 27»	Pg 29	7806.6478.0	6B «44 x 27»	Pg 29	7806.6478.5	6B «44 x 27»	Pg 16	7806.6531.0			
10B «57 x 27»	M 32	7810.6493.0	10B «57 x 27»	M 32	7810.6493.5	10B «57 x 27»	M 25	7810.6582.0	16B «77 x 27»	M 25	7816.6461.0
10B «57 x 27»	M 40	7810.6494.0	10B «57 x 27»	M 40	7810.6494.5	10B «57 x 27»	Pg 16	7810.6532.0	16B «77 x 27»	M 32	7816.6462.0
10B «57 x 27»	Pg 21	7810.6479.0	10B «57 x 27»	Pg 21	7810.6479.5	16B «77 x 27»	M 25	7816.6583.0	16B «77 x 27»	Pg 21	7816.6439.0
10B «57 x 27»	Pg 29	7810.6480.0	10B «57 x 27»	Pg 29	7810.6480.5	16B «77 x 27»	Pg 21	7816.6533.0	16B «77 x 27»	Pg 29	7816.6440.0
16B «77 x 27»	M 32	7816.6495.0	16B «77 x 27»	M 32	7816.6495.5	24B «104 x 27» 24B «104 x 27» 24B «104 x 27» 24B «104 x 27»	M 32	7824.6584.0	24B «104 x 27»	M 25	7824.6463.0
16B «77 x 27»	M 40	7816.6496.0	16B «77 x 27»	M 40	7816.6496.5		Pg 21	7824.6534.0	24B «104 x 27»	M 32	7824.6464.0
16B «77 x 27»	Pg 21	7816.6481.0	16B «77 x 27»	Pg 21	7816.6481.5		Pg 29	7824.7147.0	24B «104 x 27»	Pg 21	7824.6441.0
16B «77 x 27»	Pg 29	7816.6482.0	16B «77 x 27»	Pg 29	7816.6482.5				24B «104 x 27»	Pg 29	7824.6442.0
24B «104 x 27»	M 32	7824.6497.0	24B «104 x 27»	M 32	7824.6497.5	32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62» 32B «77 x 62»			32B «77 x 62»	M 40	7832.6585.0
24B «104 x 27»	M 40	7824.6498.0	24B «104 x 27»	M 40	7824.6498.5				32B «77 x 62»	Pg 36	7832.6535.0
24B «104 x 27»	Pg 21	7824.6483.0	24B «104 x 27»	Pg 21	7824.6483.5				Without threaded fitting 10B «57 x 27» 10B «57 x 27» 10B «57 x 27» 10B «57 x 27»	M 25 M 32 Pg 21 Pg 29	7810.7008.5 7810.7009.5 7810.7107.5 7810.7108.5
24B «104 x 27»	Pg 29	7824.6484.0	24B «104 x 27»	Pg 29	7824.6484.5						
32B «77 x 62»	M 32	7832.7137.0	32B «77 x 62»	M 32	7832.7137.5						
32B «77 x 62»	M 40	7832.6561.0	32B «77 x 62»	M 40	7832.6561.5						
32B «77 x 62»	Pg 21	7832.7139.0	32B «77 x 62»	Pg 21	7832.7139.5				16B «77 x 27»	M 25	7816.6461.5
32B «77 x 62»	Pg 29	7832.7136.0	32B «77 x 62»	Pg 29	7832.7136.5				16B «77 x 27»	M 32	7816.6462.5
32B «77 x 62»	Pg 36	7832.6511.0	32B «77 x 62»	Pg 36	7832.6511.5				16B «77 x 27»	Pg 21	7816.6439.5
48B «104 x 62»	M 32	7848.6563.0	48B «104 x 62»	M 32	7848.6563.5				16B «77 x 27»	Pg 29	7816.6440.5
48B «104 x 62»	M 40	7848.6564.0	48B «104 x 62»	M 40	7848.6564.5				24B «104 x 27»	M 25	7824.6463.5
48B «104 x 62»	M 50	7848.6565.0	48B «104 x 62»	M 50	7848.6565.5				24B «104 x 27»	M 32	7824.6464.5
48B «104 x 62»	Pg 29	7848.6513.0	48B «104 x 62»	Pg 29	7848.6513.5				24B «104 x 27»	Pg 21	7824.6441.5
48B «104 x 62»	Pg 36	7848.6514.0	48B «104 x 62»	Pg 36	7848.6514.5				24B «104 x 27»	Pg 29	7824.6442.5
48B «104 x 62»	Pg 42	7848.6515.0	48B «104 x 62»	Pg 42	7848.6515.5				32B «77 x 62»	M 40	7832.6585.5
									32B «77 x 62»	Pg 36	7832.6535.5
Type: STD for inserts up to 500V S-D, S-DD, S-E, S-ES, S-ESHV, S-EE, S-HSB, S-K, S-M series						For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 + 51		

Covers with 2 pegs and with 1 lever and gasket			6B«44x27» reversed locking system surface mounting housings			6B«44x27» reversed locking system bulkhead mounting housings			6B«44x27» reversed locking system top and side entry with 1 lever		
											
Size		Part No.	Size	Thread	Part No.	Size		Part No.	Size	Thread	Part No.
6B «44 x 27» 10B «57 x 27» 16B «77 x 27» 24B «104 x 27» 32B «77 x 62»		With 2 pegs	6B «44 x 27»	M 20	7806.6391.0	6B «44 x 27»		7806.6396.0	6B «44 x 27»	M 20	Top entry
		7806.6813.0			7806.6392.0			With cover			7806.7001.0
		7810.6814.0			7806.6343.0	7806.6395.0	7806.7002.0				
		7816.6815.0			7806.6344.0	7806.6395.0	7806.7101.0				
		7824.6816.0	6B «44x27» reversed locking cover with 2 pegs and gasket		7806.7102.0						
		7832.6817.0			Side right entry						
		With one lever and gasket			7806.7450.0						
		7806.6818.0			7806.7451.0						
		7810.6819.0			7806.7550.0						
		7816.6820.0			7806.7551.0						
		7824.6821.0			Side left entry						
		7832.6822.0			7806.7452.0						
		7806.7453.0									
		7806.7552.0									
		7806.7553.0									
Type: STD for inserts up to 500V S-D, S-DD, S-E, S-ES, S-ESHV, S-EE, S-HSB, S-K, S-M series			 Type 4/4x/12 			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 ÷ 51		

Surface mounting housings			Bulkhead mounting housings			Hoods top entry			Hoods side entry		
 HC - High construction						With threaded fitting  Without threaded fitting for IP68 cable gland  HC - High construction			With threaded fitting  Without threaded fitting for IP68 cable gland  HC - High construction		
Size	Thread	Part No.	Size		Part No.	Size	Thread	Part No.	Size	Thread	Part No.
6B «44x27»	M25x2	7806.5212.0	6B «44x27»		7806.5270.0	6B «44x27»		With threaded fitting	6B «44x27»	M 25	7806.5299.0
6B «44x27»	M 32X2	7806.5214.0	10B «57x27»		7810.5271.0		M 25	7806.5280.0	6B «44x27»	M 32	7806.5300.0
6B «44x27»	M 40X2	7806.5216.0			7816.5272.0		M 32	7806.5281.0	6B «44x27»	Pg 16	7806.5301.0
6B «44x27»	Pg 21X2	7806.5218.0			7816.5272.0		Pg 21	7806.5282.0	6B «44x27»	Pg 21	7806.5302.0
6B «44x27»	Pg 29X2	7806.5220.0	16B «77x27»		7824.5273.0	6B «44x27»	Pg 29	7806.5283.0	6B «44x27»	Pg 29	7806.5303.0
10B «57x27»	M25x2	7810.5222.0	24B «104x27»			10B «57x27»	M 32	7810.5285.0	10B «57x27»	M 25	7810.5304.0
10B «57x27»	M 32X2	7810.5224.0				10B «57x27»	M 40	7810.5286.0	10B «57x27»	M 32	7810.5305.0
10B «57x27»	M 40X2	7810.5226.0				10B «57x27»	Pg 21	7810.5287.0	10B «57x27»	M 40	7810.5306.0
10B «57x27»	Pg 21X2	7810.5228.0				10B «57x27»	Pg 29	7810.5288.0	10B «57x27»	Pg 21	7810.5307.0
10B «57x27»	Pg 29X2	7810.5230.0				16B «77x27»	M 32	7816.5290.0	10B «57x27»	Pg 29	7810.5308.0
16B «77x27»	M25x2	7816.5232.0				16B «77x27»	M 40	7816.5291.0	16B «77x27»	M 25	7816.5309.0
16B «77x27»	M 32X2	7816.5234.0				16B «77x27»	M 32	7816.5292.0	16B «77x27»	M 32	7816.5310.0
16B «77x27»	M 40X2	7816.5236.0				16B «77x27»	Pg 21	7816.5293.0	16B «77x27»	M 40	7816.5311.0
16B «77x27»	Pg 21X2	7816.5238.0				16B «77x27»	Pg 29	7816.5293.0	16B «77x27»	Pg 21	7816.5312.0
16B «77x27»	Pg 29X2	7816.5240.0				24B «104x27»	M 32	7824.5295.0	16B «77x27»	Pg 29	7816.5313.0
24B «104x27»	M 32X2	7824.5244.0				24B «104x27»	M 40	7824.5296.0	24B «104x27»	M 25	7824.5314.0
24B «104x27»	M 40X2	7824.5246.0				24B «104x27»	Pg 21	7824.5297.0	24B «104x27»	M 32	7824.5315.0
24B «104x27»	Pg 21X2	7824.5248.0				24B «104x27»	Pg 29	7824.5298.0	24B «104x27»	M 40	7824.5316.0
24B «104x27»	Pg 29X2	7824.5250.0							24B «104x27»	Pg 21	7824.5317.0
									24B «104x27»	Pg 29	7824.5318.0
								Without threaded fitting			Without threaded fitting
						6B «44x27»	M 25	7806.5280.5	6B «44x27»	M 25	7806.5299.5
						6B «44x27»	M 32	7806.5281.5	6B «44x27»	M 32	7806.5300.5
						6B «44x27»	Pg 21	7806.5282.5	6B «44x27»	Pg 16	7806.5301.5
						6B «44x27»	Pg 29	7806.5283.5	6B «44x27»	Pg 21	7806.5302.5
						10B «57x27»	M 32	7810.5285.5	6B «44x27»	Pg 29	7806.5303.5
						10B «57x27»	M 40	7810.5286.5	10B «57x27»	M 25	7810.5304.5
						10B «57x27»	Pg 21	7810.5287.5	10B «57x27»	M 32	7810.5305.5
						10B «57x27»	Pg 29	7810.5288.5	10B «57x27»	M 40	7810.5306.5
						16B «77x27»	M 32	7816.5290.5	10B «57x27»	Pg 21	7810.5307.5
						16B «77x27»	M 40	7816.5291.5	10B «57x27»	Pg 29	7810.5308.5
						16B «77x27»	Pg 21	7816.5292.5	16B «77x27»	M 25	7816.5309.5
						16B «77x27»	Pg 29	7816.5293.5	16B «77x27»	M 32	7816.5310.5
						24B «104x27»	M 32	7824.5295.5	16B «77x27»	M 40	7816.5311.5
						24B «104x27»	Pg 21	7824.5297.5	16B «77x27»	Pg 21	7816.5312.5
						24B «104x27»	Pg 29	7824.5298.5	16B «77x27»	Pg 29	7816.5313.5
									24B «104x27»	M 25	7824.5314.5
									24B «104x27»	M 32	7824.5315.5
									24B «104x27»	M 40	7824.5316.5
									24B «104x27»	Pg 21	7824.5317.5
									24B «104x27»	Pg 29	7824.5318.5
Type: STD for inserts up to 500V S-D, S-DD, S-E, S-ES, S-ESHV, S-EE, S-HSB, S-K, S-M series			 , Type 4/4x/12 			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 ÷ 51		

Surface mounting housings			Surface mounting housings			Bottom entry surface mounting housings			Bulkhead mounting housings		
			 HC - High construction			  With IP68 cable gland HC - High construction					
Size	Thread	Part No.	Size	Thread	Part No.	Size	Thread	Part No.	Size	Part No.	
10B «57x27»	M 20	7810.6372.0	10B «57x27»	M 25	7810.7458.0	10B «57x27»	M 20	7810.7562.0	10B «57x27»		7810.6412.0
10B «57x27»	M 20X2	7810.6373.0	10B «57x27»	M 25x2	7810.7459.0	10B «57x27»	M 25	7810.7563.0	16B «77x27»		7816.6413.0
10B «57x27»	Pg 16	7810.6322.0	10B «57x27»	M 32	7810.7460.0	16B «77x27»	M 20	7816.7564.0	24B «104x27»		7824.6414.0
10B «57x27»	Pg 16X2	7810.6323.0	10B «57x27»	M 32X2	7810.7461.0	16B «77x27»	M 25	7816.7565.0	32B «77x62»		7832.6415.0
16B «77x27»	M 25	7816.6374.0	10B «57x27»	M 40	7810.7462.0	24B «104x27»	M 20	7824.7566.0			
16B «77x27»	M 25X2	7816.6375.0	10B «57x27»	M 40X2	7810.7463.0	24B «104x27»	M 25	7824.7567.0			
16B «77x27»	Pg 21	7816.6324.0	10B «57x27»	Pg 21	7810.7464.0	32B «77x62»	M 32	7832.7568.0			
16B «77x27»	Pg 21X2	7816.6325.0	10B «57x27»	Pg 21X2	7810.7465.0	32B «77x62»	M 40	7832.7569.0			
24B «104x27»	M 25	7824.6376.0	10B «57x27»	Pg 29	7810.7466.0	32B «77x62»	M 50	7832.7570.0			
24B «104x27»	M 25X2	7824.6377.0	10B «57x27»	Pg 29X2	7810.7467.0						
24B «104x27»	Pg 21	7824.6326.0	16B «77x27»	M 25x2	7816.7468.0						
24B «104x27»	Pg 21X2	7824.6327.0	16B «77x27»	M 32	7816.7469.0						
			16B «77x27»	M 32X2	7816.7470.0						
32B «77x62»	M 40	7832.6384.0	16B «77x27»	M 40	7816.7471.0						
32B «77x62»	M 40X2	7832.6385.0	16B «77x27»	M 40X2	7816.7472.0	10B «57x27»	M 25	7810.7573.0			
32B «77x62»	M 50	7832.6378.0	16B «77x27»	Pg 21	7816.7473.0	10B «57x27»	M 32	7810.7574.0			
32B «77x62»	M 50X2	7832.6379.0	16B «77x27»	Pg 21X2	7816.7474.0	16B «77x27»	M 25	7816.7575.0			
32B «77x62»	Pg 29	7832.6338.0	16B «77x27»	Pg 29	7816.7475.0	16B «77x27»	M 32	7816.7576.0			
32B «77x62»	Pg 29X2	7832.6339.0	16B «77x27»	Pg 29X2	7816.7476.0	24B «104x27»	M 25	7824.7577.0			
32B «77x62»	Pg 36	7832.6328.0				24B «104x27»	M 32	7824.7578.0			
32B «77x62»	Pg 36X2	7832.6329.0	24B «104x27»	M 32	7824.7478.0						
32B «77x62»	Pg 42	7832.6340.0	24B «104x27»	M 32X2	7824.7479.0						
32B «77x62»	Pg 42X2	7832.6341.0	24B «104x27»	M 40	7824.7480.0						
			24B «104x27»	M 40X2	7824.7481.0						
			24B «104x27»	Pg 21	7824.7482.0						
			24B «104x27»	Pg 21X2	7824.7483.0						
			24B «104x27»	Pg 29	7824.7484.0						
			24B «104x27»	Pg 29X2	7824.7485.0						
Type: STD for inserts up to 500V S-D, S-DD, S-E, S-ES, S-ESHV, S-EE, S-HSB, S-K, S-M series			 Type 4/4x/12 			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 + 51		

Hoods with 4 pegs for 2 levers			Hoods top entry with 4 pegs for 2 levers			Hoods side entry with 4 pegs for 2 levers			Hoods frontal entry with 4 pegs for 2 levers		
			With threaded fitting  Without threaded fitting for IP68 cable gland  HC - High construction			With threaded fitting  Without threaded fitting for IP68 cable gland  HC - High construction			Frontal entry  Without cable entry  HC - High construction		
Size	Thread	Part No.	Size	Thread	Part No.	Size	Thread	Part No.	Size	Thread	Part No.
Top entry			With threaded fitting			With threaded fitting			Frontal entry		
10B «57 x 27»	M 20	7810.6570.0	10B «57 x 27»	M 32	7810.6443.0	10B «57 x 27»	M 32	7810.6485.0	10B «57 x 27»	M 20	7810.7011.0
10B «57 x 27»	M 25	7810.6595.0	10B «57 x 27»	M 40	7810.6444.0	10B «57 x 27»	M 40	7810.6486.0	10B «57 x 27»	Pg 16	7810.7109.0
10B «57 x 27»	Pg 16	7810.6520.0	10B «57 x 27»	Pg 21	7810.6421.0	10B «57 x 27»	Pg 21	7810.6471.0			
			10B «57 x 27»	Pg 29	7810.6422.0	10B «57 x 27»	Pg 29	7810.6472.0			
16B «77 x 27»	M 25	7816.6572.0	16B «77 x 27»	M 32	7816.6445.0	16B «77 x 27»	M 32	7816.6487.0	16B «77 x 27»	M 25	7816.7021.0
16B «77 x 27»	M 32	7816.6921.0	16B «77 x 27»	M 40	7816.6446.0	16B «77 x 27»	M 40	7816.6488.0	16B «77 x 27»	Pg 21	7816.7113.0
16B «77 x 27»	Pg 21	7816.6522.0	16B «77 x 27»	Pg 21	7816.6423.0	16B «77 x 27»	Pg 21	7816.6473.0			
16B «77 x 27»	Pg 29	7816.6546.0	16B «77 x 27»	Pg 29	7816.6424.0	16B «77 x 27»	Pg 29	7816.6474.0			
24B «104 x 27»	M 25	7824.6574.0	24B «104 x 27»	M 32	7824.6447.0	24B «104 x 27»	M 32	7824.6489.0	24B «104 x 27»	M 25	7824.7032.0
24B «104 x 27»	M 32	7824.6926.0	24B «104 x 27»	M 40	7824.6448.0	24B «104 x 27»	M 40	7824.6490.0	24B «104 x 27»	M 32	7824.7033.0
24B «104 x 27»	Pg 21	7824.6524.0	24B «104 x 27»	Pg 21	7824.6425.0	24B «104 x 27»	Pg 21	7824.6475.0	24B «104 x 27»	Pg 21	7824.7120.0
24B «104 x 27»	Pg 29	7824.6543.0	24B «104 x 27»	Pg 29	7824.6426.0	24B «104 x 27»	Pg 29	7824.6476.0	24B «104 x 27»	Pg 29	7824.7121.0
			32B «77 x 62»	M 32	7832.6578.0	32B «77 x 62»	M 32	7832.6575.0			
			32B «77 x 62»	M 40	7832.6579.0	32B «77 x 62»	M 40	7832.6576.0			
			32B «77 x 62»	M 50	7832.6580.0	32B «77 x 62»	M 50	7832.6577.0			
			32B «77 x 62»	Pg 29	7832.6528.0	32B «77 x 62»	Pg 21	7832.7142.0			
			32B «77 x 62»	Pg 36	7832.6529.0	32B «77 x 62»	Pg 29	7832.6525.0			
			32B «77 x 62»	Pg 42	7832.6530.0	32B «77 x 62»	Pg 36	7832.6526.0			
						32B «77 x 62»	Pg 42	7832.6527.0			
Side entry			Without threaded fitting			Without threaded fitting			Without cable entry		
10B «57 x 27»	M 20	7810.6569.0	10B «57 x 27»	M 32	7810.6443.5	10B «57 x 27»	M 32	7810.6485.5	10B «57 x 27»		7810.7012.0
10B «57 x 27»	M 25	7810.6596.0	10B «57 x 27»	M 40	7810.6444.5	10B «57 x 27»	M 40	7810.6486.5	16B «77 x 27»		7816.7022.0
10B «57 x 27»	Pg 16	7810.6519.0	10B «57 x 27»	Pg 21	7810.6421.5	10B «57 x 27»	Pg 21	7810.6471.5	24B «104 x 27»		7824.7034.0
			10B «57 x 27»	Pg 29	7810.6422.5	10B «57 x 27»	Pg 29	7810.6472.5	32B «77 x 62»		7832.7048.0
16B «77 x 27»	M 25	7816.6571.0	16B «77 x 27»	M 32	7816.6445.5	16B «77 x 27»	M 32	7816.6487.5			
16B «77 x 27»	M 32	7816.6922.0	16B «77 x 27»	M 40	7816.6446.5	16B «77 x 27»	M 40	7816.6488.5			
16B «77 x 27»	Pg 21	7816.6521.0	16B «77 x 27»	Pg 21	7816.6423.5	16B «77 x 27»	Pg 21	7816.6473.5			
16B «77 x 27»	Pg 29	7816.6545.0	16B «77 x 27»	Pg 29	7816.6424.5	16B «77 x 27»	Pg 29	7816.6474.5			
24B «104 x 27»	M 25	7824.6573.0	24B «104 x 27»	M 32	7824.6447.5	24B «104 x 27»	M 32	7824.6489.5			
24B «104 x 27»	M 32	7824.6927.0	24B «104 x 27»	M 40	7824.6448.5	24B «104 x 27»	M 40	7824.6490.5			
24B «104 x 27»	Pg 21	7824.6523.0	24B «104 x 27»	Pg 21	7824.6425.5	24B «104 x 27»	Pg 21	7824.6475.5			
24B «104 x 27»	Pg 29	7824.6544.0	24B «104 x 27»	Pg 29	7824.6426.5	24B «104 x 27»	Pg 29	7824.6476.5			
			32B «77 x 62»	M 32	7832.6578.5	32B «77 x 62»	M 32	7832.6575.5			
			32B «77 x 62»	M 40	7832.6579.5	32B «77 x 62»	M 40	7832.6576.5			
			32B «77 x 62»	M 50	7832.6580.5	32B «77 x 62»	M 50	7832.6577.5			
			32B «77 x 62»	Pg 29	7832.6528.5	32B «77 x 62»	Pg 21	7832.7142.5			
			32B «77 x 62»	Pg 36	7832.6529.5	32B «77 x 62»	Pg 29	7832.6525.5			
			32B «77 x 62»	Pg 42	7832.6530.5	32B «77 x 62»	Pg 36	7832.6526.5			
						32B «77 x 62»	Pg 42	7832.6527.5			
Type: STD for inserts up to 500V S-D, S-DD, S-E, S-ES, S-ESHV, S-EE, S-HSB, S-K, S-M series			 Type 4/4x/12 			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 ÷ 51		

Hoods for ribbon cable with strain relief IP66			Hoods with double top entries 4 pegs for 2 levers			Hoods with double frontal entries 4 pegs for 2 levers			Hoods top entry with 2 levers and gasket		
 <i>Patent</i> HC - High construction			 With threaded fitting  Without threaded fitting for IP68 cable gland HC - High construction			 With threaded fitting  Without threaded fitting for IP68 cable gland HC - High construction			 With threaded fitting  Without threaded fitting for IP68 cable gland HC - High construction		
Size	Cable size HxL	Part No.	Size	Thread	Part No.	Size	Thread	Part No.	Size	Thread	Part No.
10B «57 x 27»	3,8-5,1 x 18-22	7810.5361.0			With threaded fitting			With threaded fitting			With threaded fitting
10B «57 x 27»	3,8-5,1 x 27-32	7810.5362.0	10B «57x27»	M 20x2	7810.6610.0	16B «77x27»	M 25x2	7816.6615.0	10B «57 x 27»	M 25	7810.7003.0
			10B «57x27»	Pg13,5x2	7810.6612.0	16B «77x27»	Pg 21x2	7816.6616.0	10B «57 x 27»	M 32	7810.7004.0
			16B «77x27»	M 20x2	7816.6618.0				10B «57 x 27»	Pg 21	7810.7104.0
16B «77 x 27»	3,8-5,1 x 18-22	7816.5365.0	16B «77x27»	M 25x2	7816.6619.0	24B «104x27»	M 25x2	7824.6630.0	10B «57 x 27»	Pg 29	7810.7105.0
16B «77 x 27»	3,8-5,1 x 27-32	7816.5366.0	16B «77x27»	Pg 16x2	7816.6621.0	24B «104x27»	Pg 21x2	7824.6632.0	16B «77 x 27»	M 25	7816.6457.0
16B «77 x 27»	3,8-5,1 x 42-46	7816.5367.0	16B «77x27»	Pg 21x2	7816.6622.0			Without threaded fitting	16B «77 x 27»	M 32	7816.6458.0
16B «77 x 27»	3,8-5,1 x 48-53	7816.5368.0	24B «104x27»	M 32x2	7824.6625.0	16B «77x27»	M 25x2	7816.6615.5	16B «77 x 27»	Pg 21	7816.6435.0
			24B «104x27»	M 40x2	7824.6626.0	16B «77x27»	Pg 21x2	7816.6616.5	16B «77 x 27»	Pg 29	7816.6436.0
			24B «104x27»	Pg 21x2	7824.6627.0	24B «104x27»	M 25x2	7824.6630.5	24B «104 x 27»	M 25	7824.6459.0
			24B «104x27»	Pg 29x2	7824.6628.0	24B «104x27»	Pg 21x2	7824.6632.5	24B «104 x 27»	M 32	7824.6460.0
					Without threaded fitting				24B «104 x 27»	Pg 21	7824.6437.0
24B «104 x 27»	3,8-5,1 x 18-22	7824.5370.0	10B «57x27»	M 20x2	7810.6610.5				24B «104 x 27»	Pg 29	7824.6438.0
24B «104 x 27»	3,8-5,1 x 27-32	7824.5371.0	10B «57x27»	Pg13,5x2	7810.6612.5				32B «77 x 62»	M 32	7832.6589.0
24B «104 x 27»	3,8-5,1 x 42-46	7824.5372.0	16B «77x27»	M 20x2	7816.6618.5				32B «77 x 62»	M 40	7832.6590.0
24B «104 x 27»	3,8-5,1 x 48-53	7824.5373.0	16B «77x27»	M 25x2	7816.6619.5				32B «77 x 62»	M 50	7832.6591.0
24B «104 x 27»	3,8-5,1 x 62-66	7824.5374.0	16B «77x27»	Pg16x2	7816.6621.5				32B «77 x 62»	Pg 29	7832.6539.0
24B «104 x 27»	4,5-5,7 x 72-76	7824.5375.0	16B «77x27»	Pg 21x2	7816.6622.5				32B «77 x 62»	Pg 36	7832.6540.0
			24B «104x27»	M 32x2	7824.6625.5				32B «77 x 62»	Pg 42	7832.6541.0
			24B «104x27»	M 40x2	7824.6626.5						Without threaded fitting
			24B «104x27»	Pg21x2	7824.6627.5				10B «57 x 27»	M 25	7810.7003.5
			24B «104x27»	Pg 29x2	7824.6628.5				10B «57 x 27»	M 32	7810.7004.5
									10B «57 x 27»	Pg 21	7810.7104.5
									10B «57 x 27»	Pg 29	7810.7105.5
									16B «77 x 27»	M 25	7816.6457.5
									16B «77 x 27»	M 32	7816.6458.5
									16B «77 x 27»	Pg 21	7816.6435.5
									16B «77 x 27»	Pg 29	7816.6436.5
									24B «104 x 27»	M 25	7824.6459.5
									24B «104 x 27»	M 32	7824.6460.5
									24B «104 x 27»	Pg 21	7824.6437.5
									24B «104 x 27»	Pg 29	7824.6438.5
									32B «77 x 62»	M 32	7832.6589.5
									32B «77 x 62»	M 40	7832.6590.5
									32B «77 x 62»	M 50	7832.6591.5
									32B «77 x 62»	Pg 29	7832.6539.5
									32B «77 x 62»	Pg 36	7832.6540.5
									32B «77 x 62»	Pg 42	7832.6541.5
Type: STD for inserts up to 500V S-D, S-DD, S-E, S-ES, S-ESHV, S-EE, S-HSB, S-K, S-M series			 			For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 ÷ 51		

Hoods top entry with 2 levers and gasket			Covers with 4 pegs Covers with 2 levers			Surface mounting housings, reversed locking			Surface mounting housings with cover, reversed locking		
											
Size	Thread	Part No.	Size	Thread	Part No.	Size	Thread	Part No.	Size	Thread	Part No.
10B «57 x 27»	M 20	7810.6598.0	10B «57 x 27»	With 4 pegs	7810.6805.0	10B «57 x 27»	M 20	7810.5001.0	10B «57 x 27»	M 20	7810.5023.0
10B «57 x 27»	M 25	7810.6586.0	16B «77 x 27»		7816.6806.0	10B «57 x 27»	M 20X2	7810.5002.0	10B «57 x 27»	M 20X2	7810.5024.0
10B «57 x 27»	Pg 16	7810.6536.0	24B «104 x 27»		7824.6807.0	10B «57 x 27»	Pg 16	7810.5003.0	10B «57 x 27»	Pg 16	7810.5025.0
			32B «77 x 62»		7832.6808.0	10B «57 x 27»	Pg 16X2	7810.5004.0	10B «57 x 27»	Pg 16X2	7810.5026.0
16B «77 x 27»	M 25	7816.6587.0	10B «57 x 27»	With 2 levers and gasket	7810.6809.0	16B «77 x 27»	M 25	7816.5005.0	16B «77 x 27»	M 25	7816.5027.0
16B «77 x 27»	M 32	7816.6923.0	16B «77 x 27»		7816.6810.0	16B «77 x 27»	M 25X2	7816.5006.0	16B «77 x 27»	M 25X2	7816.5028.0
16B «77 x 27»	Pg 21	7816.6537.0	24B «104 x 27»		7824.6811.0	16B «77 x 27»	Pg 21	7816.5007.0	16B «77 x 27»	Pg 21	7816.5029.0
			32B «77 x 62»		7832.6812.0	16B «77 x 27»	Pg 21X2	7816.5008.0	16B «77 x 27»	Pg 21X2	7816.5030.0
24B «104 x 27»	M 32	7824.6588.0				24B «104 x 27»	M 25	7824.5009.0	24B «104 x 27»	M 25	7824.5031.0
24B «104 x 27»	Pg 21	7824.6538.0				24B «104 x 27»	M 25X2	7824.5010.0	24B «104 x 27»	M 25X2	7824.5032.0
24B «104 x 27»	Pg 29	7824.7146.0				24B «104 x 27»	Pg 21	7824.5011.0	24B «104 x 27»	Pg 21	7824.5033.0
						24B «104 x 27»	Pg 21X2	7824.5012.0	24B «104 x 27»	Pg 21X2	7824.5034.0
						32B «77 x 62»	M 40	7832.5013.0	32B «77 x 62»	M 40	7832.5035.0
						32B «77 x 62»	M 40X2	7832.5014.0	32B «77 x 62»	M 40X2	7832.5036.0
						32B «77 x 62»	M 50	7832.5015.0	32B «77 x 62»	M 50	7832.5037.0
						32B «77 x 62»	M 50X2	7832.5016.0	32B «77 x 62»	M 50X2	7832.5038.0
						32B «77 x 62»	Pg 29	7832.5017.0	32B «77 x 62»	Pg 29	7832.5039.0
						32B «77 x 62»	Pg 29X2	7832.5018.0	32B «77 x 62»	Pg 29X2	7832.5040.0
						32B «77 x 62»	Pg 36	7832.5019.0	32B «77 x 62»	Pg 36	7832.5041.0
						32B «77 x 62»	Pg 36X2	7832.5020.0	32B «77 x 62»	Pg 36X2	7832.5042.0
						32B «77 x 62»	Pg 42◇	7832.5021.0	32B «77 x 62»	Pg 42 ◇	7832.5043.0
						32B «77 x 62»	Pg 42X2◇	7832.5022.0	32B «77 x 62»	Pg 42X2 ◇	7832.5044.0
Type: STD for inserts up to 500V S-D, S-DD, S-E, S-ES, S-ESHV, S-EE, S-HSB, S-K, S-M series						For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 ÷ 51		

Surface mounting housings			Surface mounting housings with cover			Bulkhead mounting housings			Hoods top entry with 2 levers without gasket		
 HC - High construction			 HC - High construction			 With cover 					
Size	Tipo	Part No.	Size	Thread	Part No.	Size		Part No.	Size	Thread	Part No.
10B «57 x 27»	M 25X2	7810.5129.0	10B «57 x 27»	M 25X2	7810.5159.0	10B «57 x 27» 16B «77 x 27» 24B «104 x 27» 32B «77 x 62»		Without cover	10B «57 x 27»	M 20	7810.5060.0
10B «57 x 27»	M 32	7810.5130.0	10B «57 x 27»	M 32	7810.5160.0			7810.5050.0	10B «57 x 27»	M 25	7810.5061.0
10B «57 x 27»	M 32X2	7810.5131.0	10B «57 x 27»	M 32X2	7810.5161.0			7816.5051.0	10B «57 x 27»	Pg 16	7810.5062.0
10B «57 x 27»	M 40	7810.5132.0	10B «57 x 27»	M 40	7810.5162.0			7824.5052.0	16B «77 x 27»	M 25	7816.5063.0
10B «57 x 27»	M 40X2	7810.5133.0	10B «57 x 27»	M 40X2	7810.5163.0			7832.5053.0	16B «77 x 27»	M 32	7816.5064.0
10B «57 x 27»	Pg 21	7810.5134.0	10B «57 x 27»	Pg 21	7810.5164.0			With cover	16B «77 x 27»	Pg 21	7816.5065.0
10B «57 x 27»	Pg 21X2	7810.5135.0	10B «57 x 27»	Pg 21X2	7810.5165.0			7810.5054.0	24B «104 x 27»	M 25	7824.5066.0
10B «57 x 27»	Pg 29	7810.5136.0	10B «57 x 27»	Pg 29	7810.5166.0			7816.5055.0	24B «104 x 27»	M 32	7824.5067.0
10B «57 x 27»	Pg 29X2	7810.5137.0	10B «57 x 27»	Pg 29X2	7810.5167.0			7824.5056.0	24B «104 x 27»	Pg 21	7824.5068.0
16B «77 x 27»	M 32	7816.5138.0	16B «77 x 27»	M 32	7816.5169.0			7832.5057.0	24B «104 x 27»	Pg 29	7824.5069.0
16B «77 x 27»	M 32X2	7816.5139.0	16B «77 x 27»	M 32X2	7816.5170.0						
16B «77 x 27»	M 40	7816.5140.0	16B «77 x 27»	M 40	7816.5171.0						
16B «77 x 27»	M 40X2	7816.5141.0	16B «77 x 27»	M 40X2	7816.5172.0						
16B «77 x 27»	Pg 21	7816.5142.0	16B «77 x 27»	Pg 21	7816.5173.0						
16B «77 x 27»	Pg 21X2	7816.5143.0	16B «77 x 27»	Pg 21X2	7816.5174.0						
16B «77 x 27»	Pg 29	7816.5144.0	16B «77 x 27»	Pg 29	7816.5175.0						
16B «77 x 27»	Pg 29X2	7816.5145.0	16B «77 x 27»	Pg 29X2	7816.5176.0						
24B «104 x 27»	M 32	7824.5147.0	24B «104 x 27»	M 32	7824.5178.0						
24B «104 x 27»	M 32X2	7824.5148.0	24B «104 x 27»	M 32X2	7824.5179.0						
24B «104 x 27»	M 40	7824.5149.0	24B «104 x 27»	M 40	7824.5180.0						
24B «104 x 27»	M 40X2	7824.5150.0	24B «104 x 27»	M 40X2	7824.5181.0						
24B «104 x 27»	Pg 21	7824.5151.0	24B «104 x 27»	Pg 21	7824.5182.0						
24B «104 x 27»	Pg 21X2	7824.5152.0	24B «104 x 27»	Pg 21X2	7824.5183.0						
24B «104 x 27»	Pg 29	7824.5153.0	24B «104 x 27»	Pg 29	7824.5184.0						
24B «104 x 27»	Pg 29X2	7824.5154.0	24B «104 x 27»	Pg 29X2	7824.5185.0						
Type: STD for inserts up to 500V S-D, S-DD, S-E, S-ES, S-ESHV, S-EE, S-HSB, S-K, S-M series						For more technical details and STD-HV, HE, HE-HV, EMC types, please consult the Westec General Catalogue			Accessories, cable glands and tools see page: 42 ÷ 51		

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Technical characteristics

UL Type 4/4x/12



Housing with cover with single or double locking system Technical characteristics:

- **Type:**
 - STD for standard industrial applications
 - HE for harsh environmental requirements
 - EMC for EMC applications
- **Size:** 32A «66x40»
- **Material:**
 - Body and cover: aluminium alloy
 - Painting: polyester powder coating
 - EMC finishing: Aluminium natural color
 - Locking device: stainless steel
- **Operating temperature** -25°C ÷ 125°C
- **Protection degree** IP66

For more details please consult the Westec General Catalogue

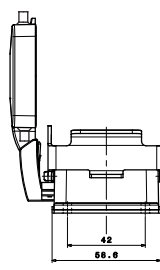
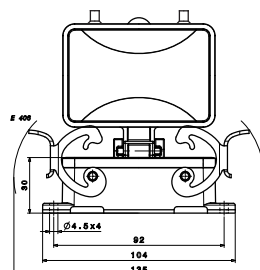
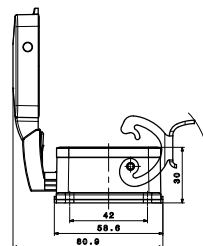
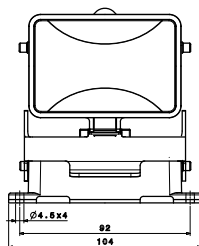
- ▣ **Power sockets for European and International market**
- ▣ **Standard interfaces for easy connection of devices within and outside of control cabinet**
- ▣ **Suitable for:**
 - Standard industrial applications (STD)
 - For Harsh environmental requirements (HE)
 - For applications that require electromagnetic compatibility (EMC)
- ▣ **Horizontal and vertical mounting**
- ▣ **Modular assembly, suitable for different adaptors plates**
- ▣ **Lockable metal cover by levers**
- ▣ **IP66 protection degree (with closed cover)**
- ▣ **High resistance to mechanical impacts**
- ▣ **High resistance to high and low temperature**
- ▣ **EMC shielding with EMC housings**
- ▣ **Compact design**
- ▣ **Terminations technology of data connectors**

The system is based on a wide range of data connectors that can be connected into both sides (gender changers) without any soldering or crimping.
- ▣ **Modular system**

The system is based on a bulkhead housing with a cover to be assembled on the panel. This housing is flexible enough to host a series of modules with different power sockets or data interfaces in accordance with the relevant standards. This allows the ports to satisfy customer demand.

Blank panels permit other interfaces to be assembled on customer demand.
- ▣ **Assembled cables**

A wide range of assembled cables which connect the interfaces to the equipment are also available.



Color	Type	Part No.
Grey RAL 7037	STD	With one lever 7832.4700.0
Grey RAL 7035	STD	7832.4710.0
Black RAL 9005	HE	7832.4700.1
	EMC	7832.4700.4
Grey RAL 7037	STD	With 2 levers 7832.4705.0
Grey RAL 7035	STD	7832.4715.0
Black RAL 9005	HE	7832.4705.1
	EMC	7832.4705.4

Power interfaces (Sockets)			High performance cables	Description	L. m.	Part. No.
Germany (VDE) 2p+ ⊕  Part. No.: 2000.3001.0	USA/Japan 2p+ ⊕ x2  Part.No.: 2000.3002.0	Italy 2p+ ⊕ x 2  Part.No.: 2000.3003.0		D - Sub 9 - D - Sub 9 M - M Serial cable, male to male, fully connected, pin to pin, black color UL2464 RoHS	2 5	2000.3100.0 2000.3105.0
France 2p+ ⊕  Part.No.: 2000.3004.0	UK 2p+ ⊕  Part.No.: 2000.3005.0	Australia/China 2p+ ⊕ Argentina  Part.No.: 2000.3006.0		D - Sub 9 - D - Sub 9 M - F Serial cable, male to female, fully connected, pin to pin, black color UL2464 RoHS	2 5	2000.3110.0 2000.3115.0
Swiss 2p+ ⊕ x2  Part.No.: 2000.3007.0	Euro/USA 2p+ ⊕ x2  Part.No.: 2000.3008.0	Germany - Italy 2p+ ⊕  Part. No.: 2000.3013.0		D - Sub 25 - D - Sub 25 F - F Serial cable, female to female, fully connected, pin to pin, black color UL2464 RoHS	2	2000.3120.0
Data interfaces				D - Sub 25 - D - Sub 25 M - F Serial cable, male to female, fully connected, pin to pin, black color UL2464 RoHS	2 5	2000.3140.0 2000.3145.0
				RJ45 8p M - M CAT5e UTP RJ45 8p male to RJ45 8p male UTP stranded cable, grey color RoHS	0,5 2 3 5	2100.3150.0 2100.3150.2 2100.3150.3 2100.3150.5
D-Sub 9 F-F  Part. No.: 2000.3020.0	D-Sub 25 F-M  Part. No.: 2000.3021.0	D-Sub 9 F-M x2  Part. No.: 2000.3022.0		RJ45 8p M - M CAT5e FTP RJ45 8p male to RJ45 8p male FTP stranded cable, grey color RoHS	2 3 5	2100.3401.2 2100.3401.3 2100.3401.5
D-Sub 25 F-M x2  Part. No.: 2000.3023.0	D-Sub 25/9 F-M  Part. No.: 2000.3024.0	USB A 2.0 F-F x2  Part. No.: 2000.3025.0		USB V.2 480 M bps M - M USB A male to USB A male cable, black color RoHS	0,5 2 5	2000.3170.A 2000.3170.0 2000.3175.0
2x RJ45 Cat5e F-F  Part. No.: 2000.3027.0	RJ45 - D-Sub 9 M-M F-F  Part. No.: 2000.3029.0	FF RJ45 / USB / D-Sub 9 M-F  Part. No.: 2000.3031.0		USB V.2 480 M bps M - M USB A male to USB B male cable, black color RoHS	0,5 2	2000.3180.A 2000.3180.0
FF RJ45 / USB / D-Sub 25 M-F  Part. No.: 2000.3033.0	RJ45- D-Sub 9/25 F-M  Part. No.: 2000.3035.0	Blank plate  Part. No.: 2000.3036.0				



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 cULus, Type 4/4x/12
For the ousing

CE (RoHS)

Housing Part. No	Interface Part. No	Description	Set Part. No
7832.4700.0	2000.3001.0	Power interface GERMANY (VDE) 2p+ ⊕	7932.3001.0
7832.4700.0	2000.3002.0	Power interface USA / JAPAN 2p+ ⊕ x 2	7932.3002.0
7832.4700.0	2000.3003.0	Power interface ITALY 2p+ ⊕ x 2	7932.3003.0
7832.4700.0	2000.3004.0	Power interface FRANCE 2p+ ⊕	7932.3004.0
7832.4700.0	2000.3005.0	Power interface GREAT BRITAIN 2p+ ⊕	7932.3005.0
7832.4700.0	2000.3006.0	Power interface AUSTRALIA / CHINA / Argentina 2p+ ⊕	7932.3006.0
7832.4700.0	2000.3007.0	Power interface SWITZERLAND 2p+ ⊕ x 2	7932.3007.0
7832.4700.0	2000.3008.0	Power interface EURO / USA 2p+ ⊕ x 2	7932.3008.0
7832.4700.0	2000.3013.0	Power interface GERMANY + ITALY 10/16A 2p+ ⊕	7932.3013.0
7832.4700.0	2000.3020.0	Data interface D-SUB 9 F-F	7932.3020.0
7832.4700.0	2000.3021.0	Data interface D-SUB 25 F-M	7932.3021.0
7832.4700.0	2000.3022.0	Data interface D-SUB 9 F-M X 2	7932.3022.0
7832.4700.0	2000.3023.0	Data interface D-SUB 25 F-M X 2	7932.3023.0
7832.4700.0	2000.3024.0	Data interface D-SUB 25 F-M + D-SUB 9 F-M	7932.3024.0
7832.4700.0	2000.3025.0	Data interface USB A 2.0 F-F X 2	7932.3025.0
7832.4700.0	2000.3027.0	Data interface RJ45 shielded F-F X 2	7932.3027.0
7832.4700.0	2000.3029.0	Data interface RJ45 F-F, D-SUB 9 F-F, D-SUB 9 M-M	7932.3029.0
7832.4700.0	2000.3031.0	Data interface RJ45 F-F, D-SUB 9 F-M, USB A 2.0 F-F	7932.3031.0
7832.4700.0	2000.3033.0	Data interface RJ45 F-F, D-SUB 25 F-M, USB A 2.0 F-F	7932.3033.0
7832.4700.0	2000.3035.0	Data interface RJ45 F-F, D-SUB 25 F-M, D-SUB 9 F-M	7932.3035.0



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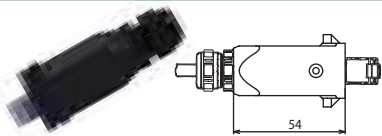
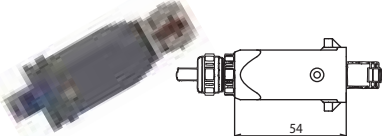
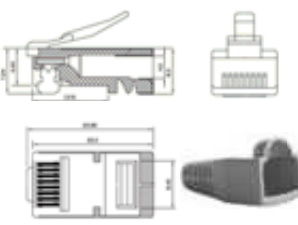


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 cULus, Type 4/4x/12
For the ousing

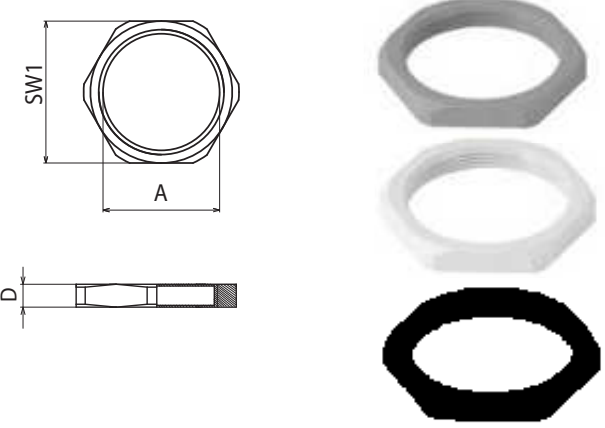
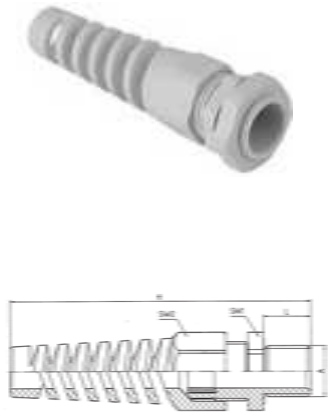
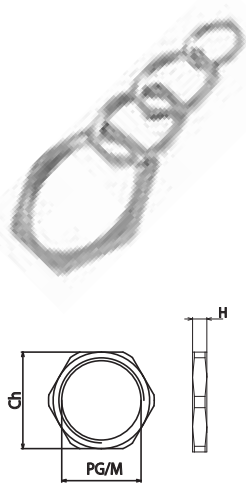
CE (RoHS)

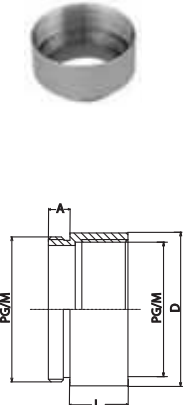
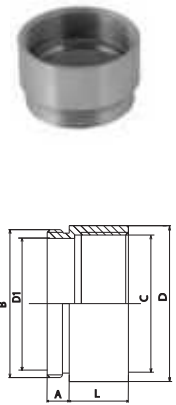
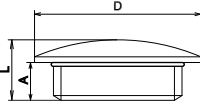
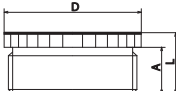
Housing Part. No	Interface Part. No	Description	Set Part. No
7832.4705.0	2000.3001.0	Power interface GERMANY (VDE) 2p+ ⊕	7932.4001.0
7832.4705.0	2000.3002.0	Power interface USA / JAPAN 2p+ ⊕ x 2	7932.4002.0
7832.4705.0	2000.3003.0	Power interface ITALY 2p+ ⊕ x 2	7932.4003.0
7832.4705.0	2000.3004.0	Power interface FRANCE 2p+ ⊕	7932.4004.0
7832.4705.0	2000.3005.0	Power interface GREAT BRITAIN 2p+ ⊕	7932.4005.0
7832.4705.0	2000.3006.0	Power interface AUSTRALIA / CHINA / Argentina 2p+ ⊕	7932.4006.0
7832.4705.0	2000.3007.0	Power interface SWITZERLAND 2p+ ⊕ x 2	7932.4007.0
7832.4705.0	2000.3008.0	Power interface EURO / USA 2p+ ⊕ x 2	7932.4008.0
7832.4705.0	2000.3013.0	Power interface GERMANY + ITALY 10/16A 2p+ ⊕	7932.4013.0
7832.4705.0	2000.3020.0	Data interface D-SUB 9 F-F	7932.4020.0
7832.4705.0	2000.3021.0	Data interface D-SUB 25 F-M	7932.4021.0
7832.4705.0	2000.3022.0	Data interface D-SUB 9 F-M X 2	7932.4022.0
7832.4705.0	2000.3023.0	Data interface D-SUB 25 F-M X 2	7932.4023.0
7832.4705.0	2000.3024.0	Data interface D-SUB 25 F-M + D-SUB 9 F-M	7932.4024.0
7832.4705.0	2000.3025.0	Data interface USB A 2.0 F-F X 2	7932.4025.0
7832.4705.0	2000.3027.0	Data interface RJ45 shielded F-F X 2	7932.4027.0
7832.4705.0	2000.3029.0	Data interface RJ45 F-F, D-SUB 9 F-F, D-SUB 9 M-M	7932.4029.0
7832.4705.0	2000.3031.0	Data interface RJ45 F-F, D-SUB 9 F-M, USB A 2.0 F-F	7932.4031.0
7832.4705.0	2000.3033.0	Data interface RJ45 F-F, D-SUB 25 F-M, USB A 2.0 F-F	7932.4033.0
7832.4705.0	2000.3035.0	Data interface RJ45 F-F, D-SUB 25 F-M, D-SUB 9 F-M	7932.4035.0

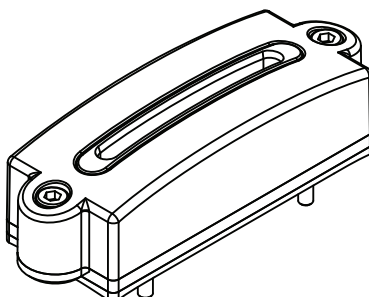
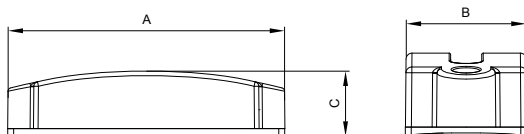
Cables	Description	Category	L. mm.	Part. No.	Connectors Cat5e IP66/IP67	Type	Part. No.	
	U/UTP 4 twisted pairs AWG24/ AWG23 solid wires, installation cable PVC - LSOH Grey	Cat 5e (AWG24) Cat 6 (AWG23)	305 305	2110.3210.0 2110.3220.0	 Insulating hoods and cable glands - Black	Male STD with Pg11 Cable gland Without cable gland	2100.3310.1 2100.3310.6	
	U/UTP 4 twisted pairs AWG24 stranded wires, connecting cable PVC - Grey	Cat 5e Cat 6	305 305	2100.3212.0 2110.3222.0	 Metal hoods and cable glands	Male STD with Pg11 Cable gland Without cable gland	2100.3320.0 2100.3320.5	
	F/UTP shielded cable, 4 twisted pairs AWG24 solid wires, installation cable PVC - LSOH Grey	Cat 5e (AWG24) Cat 6 (AWG23)	305 305	2110.3214.0 2110.3224.0	 Insulating hoods and cable glands - Black	Male STD with Pg11 Cable gland Without cable gland	2100.3312.1 2100.3312.6	
	F/UTP shielded cable, 4 twisted pairs AWG24 stranded wires, connecting cable PVC - Grey	Cat 5e Cat 6	305 305	2110.3216.0 2110.3226.0	 Metal hoods and cable glands	Male STD with Pg11 Cable gland Without cable gland	2100.3322.0 2100.3322.5	
RJ45 male 8p 8c connectors for solid and stranded wires AWG 22/26			Type	Part.No				
			CAT 5e 8p 8c	2100.3280.0	 Insulating housing - Black	STD	2100.3316.1	
			8p 8c	2100.3284.0				
			CAT 6 8p 8c	2100.3290.0	 Metal housing	STD	2100.3324.0	
			8p 8c	2100.3294.0				
			Dia 5,5	2100.3285.0				
			Dia 6,5	2100.3286.0				
			Patch cords		Cat.	Type	L. mm.	Part.No
RJ45 8p - 8c male to male, U-UTP cable, stranded wire AWG 24 PVC grey 		Cat 5e	U/ UTP	0,5 1 2 3 5 10	2100.3150.0 2100.3150.1 2100.3150.2 2100.3150.3 2100.3150.5 2100.3150.A	Part. No		
RJ45 8p - 8c male to male, F-UTP shielded cable, stranded wire AWG 24 PVC grey		Cat 5e	F/ UTP	0,5 1 2 3 5 10	2100.3401.0 2100.3401.1 2100.3401.2 2100.3401.3 2100.3401.5 2100.3401.A	0,5 m. 1 m. 2 m. 3 m. 5 m.	FTP FTP FTP FTP FTP	2100.3502.0 2100.3502.1 2100.3502.2 2100.3502.3 2100.3502.5
RJ45 8p - 8c male to male, U-UTP cable, stranded wire AWG 24 PVC grey 		Cat 6	U/ UTP	0,5 1 2 3 5 10	2100.3155.0 2100.3155.1 2100.3155.2 2100.3155.3 2100.3155.5 2100.3155.A			
RJ45 8p - 8c male to male, F-UTP shielded cable, stranded wire AWG 24 PVC grey		Cat 6	F/ UTP	0,5 1 2 3 5 10	2100.3406.0 2100.3406.1 2100.3406.2 2100.3406.3 2100.3406.5 2100.3406.A		FTP	2100.3525.0

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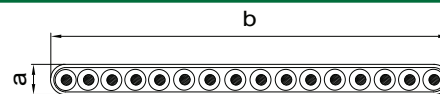
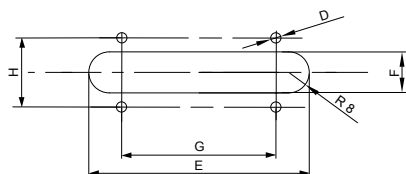
Technical characteristics	L	Spanner		Panel drilling	Cable Dia	Thread	Part No.	Part No.	Part No.
		SW1	SW2			"A"	Black	Light grey RAL 7035	Grey RAL 7001
		16	16	12.5	3 - 6,5	M 12x1,5	7000.7821.1	7000.7821.2	7000.7821.0
		19	19	16.5	4 - 8	M 16x1,5	7000.7822.1	7000.7822.2	7000.7822.0
		24	24	20.5	7 - 12	M 20x1,5	7000.7823.1	7000.7823.2	7000.7823.0
		32	32	25.5	11 - 18	M 25x1,5	7000.7824.1	7000.7824.2	7000.7824.0
		35	35	32.5	12 - 21	M 32x1,5	7000.7825.1	7000.7825.2	7000.7825.0
		53	53	40.5	22 - 32	M 40x1,5	7000.7826.1	7000.7826.2	7000.7826.0
		60	60	50.5	30 - 38	M 50x1,5	7000.7827.1	7000.7827.2	7000.7827.0
		68	68	63.5	35 - 44	M 63x1,5	7000.7828.1	7000.7828.2	7000.7828.0
		16	16	12.7	3 - 6,5	Pg 7	7000.7829.1	7000.7829.2	7000.7829.0
		19	19	15.4	4 - 8	Pg 9	7000.7830.1	7000.7830.2	7000.7830.0
		22	22	18,8	5 - 10	Pg 11	7000.7831.1	7000.7831.2	7000.7831.0
		24	24	20,7	6 - 11	Pg 13.5	7000.7832.1	7000.7832.2	7000.7832.0
		27	27	22,8	9 - 13	Pg 16	7000.7833.1	7000.7833.2	7000.7833.0
		33	33	28,6	13 - 18	Pg 21	7000.7834.1	7000.7834.2	7000.7834.0
		42	42	37,4	17,5 - 25	Pg 29	7000.7835.1	7000.7835.2	7000.7835.0
		53	53	47,5	22 - 32	Pg 36	7000.7836.1	7000.7836.2	7000.7836.0
		60	60	54,5	32 - 38	Pg 42	7000.7837.1	7000.7837.2	7000.7837.0
		68	68	59,8	37 - 44	Pg 48	7000.7838.1	7000.7838.2	7000.7838.0
Technical characteristics	L	Spanner		Panel drilling	Cable Dia	Thread	Part No.	Part No.	Part No.
		SW1	SW2			"A"	Black	Light grey RAL 7035	Grey RAL 7001
		16	19	12.5	3 - 6,5	M 12x1,5	7000.7821.6	7000.7821.7	7000.7821.5
		19	22	16.5	4 - 8	M 16x1,5	7000.7822.6	7000.7822.7	7000.7822.5
		24	26	20.5	7 - 12	M 20x1,5	7000.7823.6	7000.7823.7	7000.7823.5
		32	33	25.5	11 - 18	M 25x1,5	7000.7824.6	7000.7824.7	7000.7824.5
		35	38	32.5	12 - 21	M 32x1,5	7000.7825.6	7000.7825.7	7000.7825.5
		53	53	40.5	22 - 32	M 40x1,5	7000.7826.6	7000.7826.7	7000.7826.5
		60	65	50.5	30 - 38	M 50x1,5	7000.7827.6	7000.7827.7	7000.7827.5
		68	70	63.5	35 - 44	M 63x1,5	7000.7828.6	7000.7828.7	7000.7828.5
		16	19	12.7	3 - 6,5	Pg 7	7000.7829.6	7000.7829.7	7000.7829.5
		19	22	15.4	4 - 8	Pg 9	7000.7830.6	7000.7830.7	7000.7830.5
		22	24	18,8	5 - 10	Pg 11	7000.7831.6	7000.7831.7	7000.7831.5
		24	26	20,7	6 - 11	Pg 13.5	7000.7832.6	7000.7832.7	7000.7832.5
		27	30	22,8	9 - 13	Pg 16	7000.7833.6	7000.7833.7	7000.7833.5
		33	36	28,6	13 - 18	Pg 21	7000.7834.6	7000.7834.7	7000.7834.5
		42	46	37,4	17,5 - 25	Pg 29	7000.7835.6	7000.7835.7	7000.7835.5
		53	56	47,5	22 - 32	Pg 36	7000.7836.6	7000.7836.7	7000.7836.5
		60	65	54,5	32 - 38	Pg 42	7000.7837.6	7000.7837.7	7000.7837.5
		68	70	59,8	37 - 44	Pg 48	7000.7838.6	7000.7838.7	7000.7838.5

Polyamide locking nuts (2,4)						IP68 polyamide cable glands (1,2,3)			Metal locking nuts (2,4)		
											
D	SW1	Thread "A"	Part No.	Part No.	Part No.	Size	L	Part No.	H	Thread	Part No.
			Black	Light grey	Grey	3 - 6 / 9	M 12x1,5	7000.7122.2			Metal type
5	19	M 12x1,5	7000.7841.1	7000.7841.2	7000.7841.0	4 - 8 / 10	M 16x1,5	7000.7123.2	2.80	M 12	7000.6950.0
5	22	M 16x1,5	7000.7842.1	7000.7842.2	7000.7842.0	6 - 12,7 / 10,2	M 20x1,5	7000.7124.2	2.80	M 16	7000.6951.0
5,5	26	M 20x1,5	7000.7843.1	7000.7843.2	7000.7843.0	13 - 18,0 / 12	M 25x1,5	7000.7125.2	3.00	M 20	7000.6952.0
6	33	M 25x1,5	7000.7844.1	7000.7844.2	7000.7844.0	3-6 / 9	Pg7	7000.7127.2	3.50	M 25	7000.6953.0
6,5	38	M 32x1,5	7000.7845.1	7000.7845.2	7000.7845.0	4 - 8 / 9	Pg 9	7000.7128.2	4.00	M 32	7000.6954.0
8	53	M 40x1,5	7000.7846.1	7000.7846.2	7000.7846.0	5 - 10 / 9	Pg 11	7000.7129.2	5.00	M40	7000.6955.0
8,5	65	M 50x1,5	7000.7847.1	7000.7847.2	7000.7847.0	6 - 12 / 10	Pg 13.5	7000.7130.2	5.00	M50	7000.6956.0
9	70	M 63x1,5	7000.7848.1	7000.7848.2	7000.7848.0	10 - 14 / 10	Pg16	7000.7131.2	5.00	M63	7000.6957.0
						13 - 18 / 12	Pg 21	7000.7132.2	6.00	M 63	7000.6967.0
5	19	Pg 7	7000.7849.1	7000.7849.2	7000.7849.0	Color: Part.No 2 = Grey RAL 7035 Part.No 0 = Grey RAL 7001 Part.No 1 = Black			2.80	Pg 7	7000.6965.0
5	22	Pg 9	7000.7850.1	7000.7850.2	7000.7850.0				2.80	Pg 9	7000.6966.0
5,5	24	Pg 11	7000.7851.1	7000.7851.2	7000.7851.0				3.00	Pg 11	7000.6967.0
5,5	26	Pg 13.5	7000.7852.1	7000.7852.2	7000.7852.0				3.00	Pg 13.5	7000.6968.0
6	30	Pg 16	7000.7853.1	7000.7853.2	7000.7853.0				3.00	Pg 16	7000.6969.0
6	36	Pg 21	7000.7854.1	7000.7854.2	7000.7854.0				3.50	Pg 21	7000.6970.0
7,5	46	Pg 29	7000.7855.1	7000.7855.2	7000.7855.0				4.00	Pg 29	7000.6971.0
8,5	56	Pg 36	7000.7856.1	7000.7856.2	7000.7856.0				5.00	Pg 36	7000.6972.0
8,5	65	Pg 42	7000.7857.1	7000.7857.2	7000.7857.0				5.00	Pg 42	7000.6973.0
8,5	70	Pg 48	7000.7858.1	7000.7858.2	7000.7858.0				5.50	Pg 48	7000.6974.0
1 - For any sealed enclosures and boxes to protect parts, mechanisms and equipments from atmospheric agents			 2 - For more details please consult the Westec General Catalogue			3 - Color Grey or Black. Please replace digit "0" of Part.No. with "1"			4 - For metal and plastic glands and any other metal or polyamide threaded fittings		

Metal enlarging adapters Threaded extension tubes (1-2)			NPT adapters (2-3)			Blanking plugs with gaskets (2-4)				Reducers (1-2)			
						Metal type with gasket  Polyamide type with gasket  				 			
Thread	L	Part No.	Male thread	NPT Female thread	Part No.	L	D	Thread	Part No.	A	D	Thread	Part No.
Enlargers			"B"	"C"					Metal type				
M16 - M20	11,5	7000.7771.0	M 20 x 1,5	1/2"	7000.6942.0	7,0	14	M 12x1,5	7000.7780.0	7	27	M 25 - M20	7000.7791.0
M 20 - M 25	12,5	7000.6870.0	M 25 x 1,5	1/2"	7000.6943.0	8,0	18	M 16x1,5	7000.7781.0	8	34	M 32 - M25	7000.7792.0
M 25 - M 32	12,5	7000.6871.0	M 25 x 1,5	3/4"	7000.6944.0	8,5	22	M 20x1,5	7000.6975.0	8	43	M 40 - M32	7000.7793.0
M 32 - M 40	16,0	7000.6872.0	M 32 x 1,5	3/4"	7000.6945.0	10,0	27	M 25x1,5	7000.6976.0	9	53	M 50 - M40	7000.7794.0
M 40 - M 50	22,0	7000.6873.0	M 32 x 1,5	1"	7000.6946.0	11,0	34	M 32x1,5	7000.6977.0				
M 50 - M 63	14,5	7000.7772.0	M 32 x 1,5	1 1/4"	7000.6947.0	13,0	44	M 40x1,5	7000.6978.0	6,5	22	Pg 13,5 - Pg 11	7000.7795.0
			M 40 x 1,5	1 1/4"	7000.6948.0	14,5	54	M 50x1,5	7000.6979.0	6,5	24	Pg 16 - Pg 13,5	7000.7796.0
			M 50 x 1,5	1 1/2"	7000.6949.0	15,0	67	M 63x1,5	7000.7785.0	7	30	Pg 21 - Pg 16	7000.7797.0
Pg 9 - Pg 11	10,5	7000.7775.0				8,0	14	Pg 7	7000.7783.0	8	39	Pg 29 - Pg 21	7000.7798.0
Pg 11 - Pg 13,5	11,5	7000.6865.0	Pg 11	3/8"	7000.6928.0	9,0	17	Pg 9	7000.7784.0	9	50	Pg 36 - Pg 29	7000.7799.0
Pg 13,5 - Pg 16	12,5	7000.6866.0	Pg 11	1/2"	7000.6929.0	9,5	22	Pg 13,5	7000.6981.0	10	57	Pg 42 - Pg 36	7000.7800.0
Pg 16 - Pg 21	14,5	7000.6867.0	Pg 13,5	1/2"	7000.6930.0	9,5	24	Pg 16	7000.6982.0	10	64	Pg 48 - Pg 42	7000.7801.0
Pg 21 - Pg 29	16,0	7000.6868.0	Pg 16	1/2"	7000.6931.0	11,0	30	Pg 21	7000.6983.0				
Pg 29 - Pg 36	20,0	7000.6869.0	Pg 21	1/2"	7000.6932.0	12,0	39	Pg 29	7000.6984.0				
Pg 36 - Pg 42	23,0	7000.6971.0	Pg 21	3/4"	7000.6933.0	15,0	50	Pg 36	7000.6985.0				
Pg 42 - Pg 48	23,0	7000.6972.0	Pg 29	1"	7000.6934.0	16,0	57	Pg 42	7000.6986.0				
			Pg 29	1 1/4"	7000.6935.0	16,0	64	Pg 48	7000.7786.0				
			Pg 36	1 1/4"	7000.6936.0				Polyamide type				
M20 - M20	14	7000.6788.0	Pg 42	1 1/2"	7000.6937.0	8,5	15	M 12x1,5	7000.7310.0				
M25 - M25	15	7000.6791.0				8,5	19	M 16x1,5	7000.7311.0				
M32 - M32	16,5	7000.6792.0				9	25	M 20x1,5	7000.7312.0				
M40 - M40	19,5	7000.6793.0				10,5	30	M 25x1,5	7000.7313.0				
M50 - M50	22	7000.6794.0				10,5	38	M 32x1,5	7000.7314.0				
						11,5	46	M 40x1,5	7000.7315.0				
Pg16 - Pg16	14	7000.6789.0				13,5	56	M 50x1,5	7000.7316.0				
Pg21 - Pg21	15	7000.6796.0				14	68	M 63x1,5	7000.7317.0				
Pg29 - Pg29	16,5	7000.6797.0				8,5	15	Pg 7	7000.7320.0				
Pg36 - Pg36	19,5	7000.6798.0				8,5	19	Pg 9	7000.7321.0				
Pg42 - Pg42	22	7000.6799.0				9	22	Pg 11	7000.7322.0				
						9	25	Pg 13,5	7000.7323.0				
						10,5	27	Pg 16	7000.7324.0				
						10,5	33	Pg 21	7000.7325.0				
						11,5	44	Pg 29	7000.7326.0				
						13,5	55	Pg 36	7000.7327.0				
						13,5	62	Pg 42	7000.7328.0				
						14,5	68	Pg 48	7000.7329.0				
1 - They allow to couple enclosures and fittings with different threads			 2 - For more details please consult the Westec General Catalogue			3 - They allow to couple the enclosures with Metric or Pg thread to NPT fittings				4 - For blanking any threaded hole in hoods/housings and any other sealed enclosures.			

Technical characteristics
Size
**Ribbon cable size
a x b**
Part No.

IP66 / IP69K


Panel cut out



	a x b	
10B	3,8-5,1 x 18-22	7000.7360.0
10B	3,8-5,1 x 27-32	7000.7361.0
16B	3,8-5,1 x 42-46	7000.7370.0
16B	3,8-5,1 x 48-53	7000.7371.0
24B	3,8-5,1 x 62-66	7000.7380.0
24B	4,5-5,7 x 72-76	7000.7381.0

Cable gland for ribbon cables

Patented

IP protection:

IP66 / IP69K

Working temperature:

-40°C ÷ +100°C

Materials:

Pa 66 UL94 V-0

Gaskets:

Silicon

Characteristics

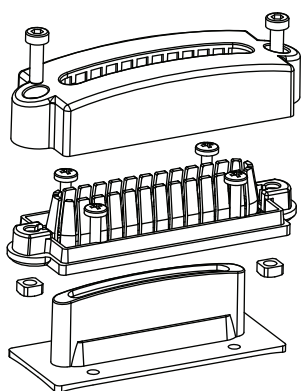
Special design of clamping die, sealing and rubber part prolonging cable life. Waterproof, dustproof, and high resistance to salt, acid, alkali, alcohol, grease and general solvent.

Applications

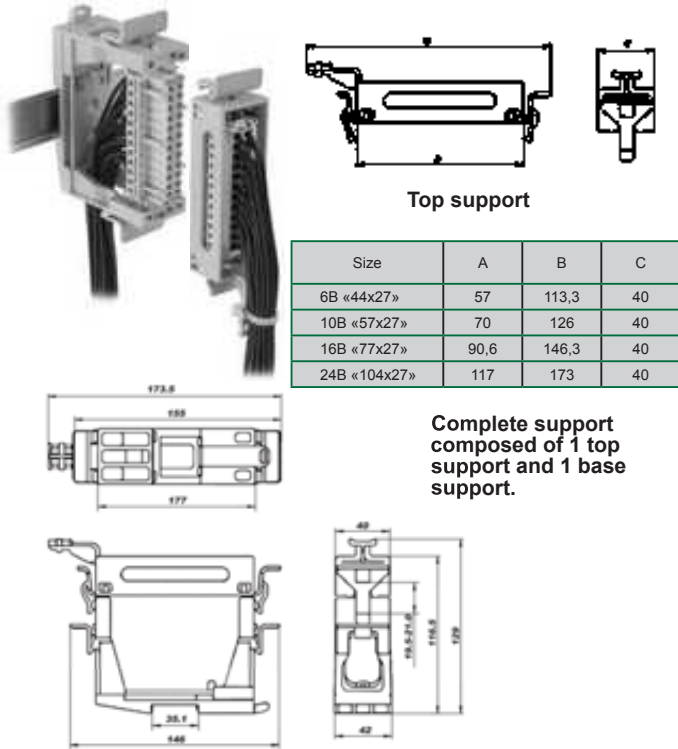
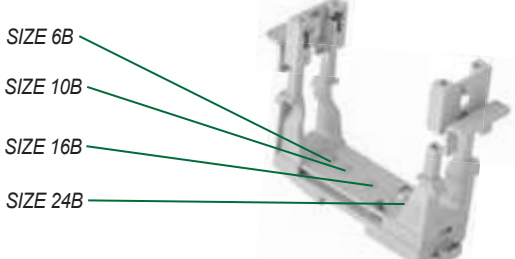
For sealed enclosures and boxes, where ribbon cable are used

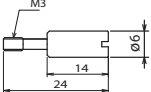
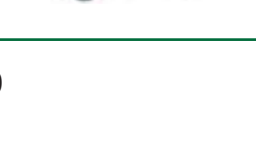
Color: Grey RAL 7037, other colors on request

Size	A	B	C	D	E	F	G	H
10B	73	43,5	33	M4	39	16	29	27
16B	93,5	43,5	33	M4	59	16	49	27
24B	120	43,5	33	M4	86	16	60	27

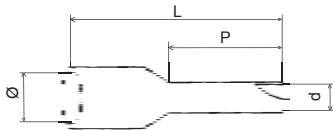


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Dimensions and materials		Description and advantages	
		This mounting rail system allows you to mount the multipole connectors inserts on the rail inside the control cabinets. - No tools are needed and contact inserts are simply snapped in place as well as the support on the rail. - Labelling surfaces on the product allow for clear equipment identification. - For assembling on rail 35x7,5 and 35x15 in accordance with DIN EN60715. - The support enables users to arrange a maximum number of connections in a minimum area within the control cabinet. - Quick locking of the male with female inserts through levers. - Fully compatible: it allows to accept inserts with same sizes not manufactured by Westec. - The inserts can be assembled also with code pins, Part. No. 7000.6875.0/7000.6875.3 male code pin. Application: For all inserts, size: 6B «44x27» 10B «57x27» 16B «77x27» 24B «104x27» For inserts series: S-D, S-DD, S-E, S-EE, S-EHV, S-ES, S-EP, S-ESHV, S-HSB, S-K, S-M - Material: Polycarbonate - Color: Grey RAL 7044 - Flammability: UL-94 V0	
Top support		Description	Part No.
		Top support for inserts size 6B «44x27» Top support for inserts size 10B «57x27» Top support for inserts size 16B «77x27» Top support for inserts size 24B «104x27» Removal tool for inserts (see page 52)	7006.7000.0 7010.7000.0 7016.7000.0 7024.7000.0 8500.7912.0
Base support			
		Base support plate for inserts size 6B, 10B, 16B, 24B	7000.7000.0
Complete support composed of 1 top support and 1 base support.			
		Complete set for 6B «44x27» inserts Complete set for 10B «57x27» inserts Complete set for 16B «77x27» inserts Complete set for 24B «104x27» inserts For inserts Series: S-D, S-DD, S-E, S-ES, S-EP, S-EE, S-EHV, S-ESHV, S-HSB, S-K	7006.7009.0 7010.7009.0 7016.7009.0 7024.7009.0

Description		Part. No.	Description		Part. No.
Single code pin   Male code pin  Female code pin	 Stainless steel Steel zinc plated	7000.6874.0 7000.6874.3	Bottom gasket for bulkhead housings - Material: NBR For sizes 		
	Stainless steel Steel zinc plated	7000.6875.0 7000.6875.3			
	Stainless steel Steel zinc plated	7000.6876.0 7000.6876.3			
 Coding cap for female inserts that use 16A contacts. (S-A, S-E, S-EHV series)		5341.2920.0	 PE screw for inserts: S-A 10A, 16A, S-D15, S-D25 PE screw for inserts: S-E, S-EE, S-ES, S-EP, S-EHV PE screw for inserts: S-HSB, S-K		
 Coding pin for female inserts that use 10A crimp contacts S-D, S-DD, S-Q12, S-QD17, S-M series		7000.6881.0 <i>New</i>			
 Coding pin for female inserts that use 16A crimp contacts, S-A, S-E, S-EE, S-EHV, S-Q, S-Q5, S-QD8, S-M series		7000.6882.0 <i>New</i>			
 The identification tags shall be used with the inserts with terminal block S-EAV series.		7000.6886.0 Box			
 Support for inserts with terminal block on DIN rail		7400.6836.0	 Inserts fixing screw  Contact screw for S-A 3p/4p inserts  Fixing screw for inserts size 3A, «21x21»		
 Insert coupling screws for S-EAV inserts		Female 7400.6877.0 Male 7400.6878.0	     		
 Extension ground terminal		Right 5341.3860.0 Left 5341.3340.0 M4 Assembling screw 5821.3372.0			

For single conductor



The bush terminals are convenient for connecting stranded wires to connector inserts and terminal blocks with screw terminals. They are in accordance with DIN 46228/4

Materials:

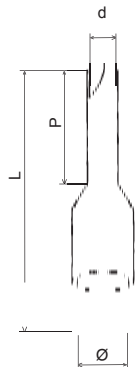
Copper tin plated (insulation - PP)
Colors in accordance DIN STD and French standard

Crimping tools see page 52

Packing	Ø	d	P	L	AWG	Wire	Color			Type	Part No.
							DIN	French	German		
500	2,6	0,8	6	12	22	0,35			Orange	S0306	7001.8011.3
500	2,6	0,8	6	12	22	0,35	White	White		S0306	7001.8011.9
500	2,6	0,8	8	14	22	0,35			Orange	S0308	7001.8012.3
500	2,6	0,8	8	14	22	0,35	White	White		S0308	7001.8012.9
500	2,6	0,8	10	16	22	0,35	White	White		S0310	7001.8013.9
500	2,6	1	6	12	20	0,5	White	White		S0506	7001.8001.9
500	2,6	1	8	14	20	0,5	White	White		S0508	7001.8002.9
500	2,6	1	10	16	20	0,5	White	White		S0510	7001.8003.9
500	2,8	1,2	6	12,4	18	0,75			White	S7506	7001.8021.9
500	2,8	1,2	6	12,4	18	0,75	Grey			S7506	7001.8021.8
500	2,8	1,2	8	14,6	18	0,75			White	S7508	7001.8022.9
500	2,8	1,2	8	14,6	18	0,75	Grey			S7508	7001.8022.8
500	2,8	1,2	10	16,4	18	0,75	Grey			S7510	7001.8023.8
500	2,8	1,2	12	18,4	18	0,75			White	S7512	7001.8024.9
500	2,8	1,2	12	18,4	18	0,75	Grey			S7512	7001.8024.8
500	2,8	1,2	8	14,6	18	0,75		Blue		S7508	7001.8022.6
500	3,0	1,4	6	12,3	17	1,0			Yellow	S1006	7001.8031.4
500	3,0	1,4	6	12,3	17	1,0	Red	Red		S1006	7001.8031.2
500	3,0	1,4	8	14,3	17	1,0			Yellow	S1008	7001.8032.4
500	3,0	1,4	8	14,3	17	1,0	Red	Red		S1008	7001.8032.2
500	3,0	1,4	10	16,3	17	1,0	Red	Red		S1010	7001.8033.2
500	3,0	1,4	12	18,3	17	1,0			Yellow	S1012	7001.8034.4
500	3,0	1,4	12	18,3	17	1,0	Red	Red		S1012	7001.8034.2
500	3,5	1,7	8	14,3	16	1,5			Red	S1508	7001.8041.2
500	3,5	1,7	8	14,3	16	1,5	Black	Black		S1508	7001.8041.0
500	3,5	1,7	10	16,3	16	1,5			Red	S1510	7001.8042.2
500	3,5	1,7	10	16,3	16	1,5	Black	Black		S1510	7001.8042.0
500	3,5	1,7	12	18,3	16	1,5	Black	Black		S1512	7001.8043.0
500	3,5	1,7	18	24,3	16	1,5			Red	S1518	7001.8044.2
500	3,5	1,7	18	24,3	16	1,5	Black	Black		S1518	7001.8044.0
500	4,2	2,3	8	15,4	14	2,5	Blue		Blue	S2508	7001.8051.6
500	4,2	2,3	12	19,4	14	2,5	Blue		Blue	S2512	7001.8052.6
500	4,2	2,3	18	25,4	14	2,5	Blue		Blue	S2518	7001.8053.6
500	4,2	2,3	8	15,4	14	2,5		Grey		S2508	7001.8051.8
500	4,2	2,3	12	19,4	14	2,5		Grey		S2512	7001.8052.8
500	4,2	2,3	18	25,4	14	2,5		Grey		S2518	7001.8053.8
200	4,8	2,8	10	17,4	12	4,0	Grey		Grey	S4010	7001.8061.8
200	4,8	2,8	12	19,4	12	4,0	Grey		Grey	S4012	7001.8062.8
200	4,8	2,8	18	25,4	12	4,0	Grey		Grey	S4018	7001.8063.8
200	4,8	2,8	10	17,4	12	4,0		Orange		S4010	7001.8061.3
200	4,8	2,8	12	19,4	12	4,0		Orange		S4012	7001.8062.3
200	4,8	2,8	18	25,4	12	4,0		Orange		S4018	7001.8063.3
100	6,3	3,5	12	20,5	10	6,0			Black	S6012	7001.8071.0
100	6,3	3,5	12	20,5	10	6,0	Yellow			S6012	7001.8071.4
100	6,3	3,5	18	26,5	10	6,0			Black	S6018	7001.8072.0
100	6,3	3,5	18	26,5	10	6,0	Yellow			S6018	7001.8072.4
100	6,3	3,5	12	20,5	10	6,0		Green		S6012	7001.8071.5
100	6,3	3,5	18	26,5	10	6,0		Green		S6018	7001.8072.5

For single conductor - S type

For single conductor

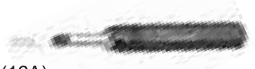


For double conductor



Packing	Ø	D	P	L	AWG	Wire mm²	Color			Type	Part.No.
							DIN	French	German		
100	7,6	4,5	12	20,8	7	10			White	S1012	7001.8081.9
100	7,6	4,5	12	20,8	7	10	Red			S1012	7001.8081.2
100	7,6	4,5	18	26,8	7	10			White	S1018	7001.8082.9
100	7,6	4,5	18	26,8	7	10	Red			S1018	7001.8082.2
100	7,6	4,5	12	20,8	7	10		Brown		S1012	7001.8081.1
100	7,6	4,5	18	26,8	7	10		Brown		S1018	7001.8082.1
100	8,8	5,8	12	22,0	6	16			Green	S1612	7001.8091.5
100	8,8	5,8	12	22,0	6	16	Blue			S1612	7001.8091.6
100	8,8	5,8	18	28,0	6	16			Green	S1618	7001.8092.5
100	8,8	5,8	18	28,0	6	16	Blue			S1618	7001.8092.6
100	8,8	5,8	12	22,0	6	16		White		S1612	7001.8091.9
100	8,8	5,8	18	28,0	6	16		White		S1618	7001.8092.9
50	11,2	7,5	16	28,0	3	25			Brown	S2516	7001.8101.1
50	11,2	7,5	16	28,0	3	25	Yellow			S2516	7001.8101.4
50	11,2	7,5	22	34,0	3	25			Brown	S2522	7001.8102.1
50	11,2	7,5	22	34,0	3	25	Yellow			S2522	7001.8102.4
50	11,2	7,5	16	28,0	3	25		Black		S2516	7001.8101.0
50	11,2	7,5	22	34,0	3	25		Black		S2522	7001.8102.0
50	12,7	8,6	16	30,0	2	35			Beige	S3516	7001.8111.9
50	12,7	8,6	16	30,0	2	35	Red	Red		S3516	7001.8111.2
50	12,7	8,6	25	39,0	2	35			Beige	S3525	7001.8112.9
50	12,7	8,6	25	39,0	2	35	Red	Red		S3525	7001.8112.2
50	15,0	10,3	20	36,0	1	50			Green	S5020	7001.8121.5
50	15,0	10,3	20	36,0	1	50	Blue	Blue		S5020	7001.8121.6
50	15,0	10,3	25	41,0	1	50			Green	S5025	7001.8122.5
50	15,0	10,3	25	41,0	1	50	Blue	Blue		S5025	7001.8122.6
For double conductor - D type											
500	5,2x2,6	1,5	8	14,5	2x20	2x0,5	White			D0508	7001.8150.9
500	5,2x2,6	1,8	8	14,5	2x18	2x0,75	Grey			D7508	7001.8151.8
500	5,2x2,6	1,8	10	16,7	2x18	2x0,75	Grey			D7510	7001.8152.8
500	5,5x3,2	2,0	8	15,1	2x17	2x1,0	Red			D1008	7001.8161.2
500	5,5x3,2	2,0	10	17,1	2x17	2x1,0	Red			D1010	7001.8162.2
500	6,4x3,6	2,3	8	15,5	2x16	2x1,5	Black			D1508	7001.8171.0
500	6,4x3,6	2,3	12	19,5	2x16	2x1,5	Black			D1512	7001.8172.0
500	8x4,3	2,9	10	18,5	2x14	2x2,5	Blue			D2510	7001.8181.6
500	8x4,3	2,9	13	21,5	2x14	2x2,5	Blue			D2513	7001.8182.6
200	8,8x5,2	3,8	12	23,1	2x12	2x4,0	Grey			D4012	7001.8185.8
100	9,5x7,2	4,9	14	26,1	2x10	2x6,0	Yellow			D6014	7001.8188.4
100	9,5x7,2	6,5	14	26,6	2x7	2x10	Red			D1014	7001.8191.2
100	19x9,5	8,3	14	31,3	2x6	2x16	Blue			D1614	7001.8194.6

Codice colore 7001.8xxx.Y	Y	Colore	Y	Colore	Y	Colore
	0	Black/Nero	3	Orange/Arancio	6	Blue/Blu
	1	Brown/Marrone	4	Yellow/Giallo	7	Violet/Viola
	2	Red/Rosso	5	Green/Verde	8	Grey/Grigio
	9	White - Ivory - Beige				

Description	Part.No	Description	Part.No
Complete crimping tool with: - Crimping tool - Die set for wire section 0,14 - 4,0 mm ² - Locator  UL/CSA	8500.7925.0	Removal tool for inserts assembled on DIN rail top support See page 48 	8500.7912.0
Crimping tool with Die set: - For wire section 1,6 ÷ 2,5 mm ²  UL/CSA	8500.7922.0	Removal tool  For crimp contacts Dia 1,6 mm (10A) For inserts series S-D, S-DD, etc.	8500.7940.0
Die set For wire section - For : 0,14 ÷ 4,0 mm ²  - For : 1,5 ÷ 6,0 mm ²	8500.7926.0 8500.7927.0	Removal tool  For crimp contacts Dia 2,5 mm (16A) For inserts series S-E, S-EE, etc.	8500.7945.0
Locator  - For contacts dia 1,6 ÷ 2,5 mm - For contacts dia 4,0 mm	8500.7931.0 8500.7932.0	Insertion tool  Insertion tool for contacts Dia 1,6 mm (10A), Dia 2,5 mm (16A) For wires 0,14 mm ² , 1,5 mm ² (26 - 18 AWG)	8500.7948.0
Eight (4+4) indent crimping tool for crimping in accordance with MIL - C - 225 20/1  - Special hand tools for crimping of turned male and female contacts for wire size 0,14 to 6,0 mm (26-10AWG)	8500.7930.0	Profesional crimping tool  - For bush terminals - Automatic self adjustment - Square crimp profile resulting from synchronously driven crimp jaws - To be used for ranges of 0,08 to 10,0 mm ²	8500.7909.0
Economical crimping tool for turned contacts with ratchet:  - For wire section 0,5 ÷ 6,0 mm ² - For contact Dia 1.6 (10A) Dia 2.5 (16A) Dia 4 (40A)	8500.6251.0	Profesional crimping tool  - For bush terminals - Automatic self adjustment - Hexagonal crimp profile with six serrated crimp surfaces made by 6 synchronously driven crimp jaws - Cross-section range from 0,08 to 6,0 mm ² - Ergonomic design	8500.7910.0
		Profesional crimping tool  - For bush terminals - Automatic self adjustment - Hexagonal crimp profile with six serrated crimp surfaces made by 6 synchronously driven crimp jaws - Cross-section range from 0,08 to 6,0 mm ² - Ergonomic design	8500.7911.0

Description		Part No.
Manual crimping tool with removable die-set, for single contacts stamped type 	Handle without Die -set	8500.7956.0
	Die -sets:	
	For wire: 0,14-0,75 mm ² 26-18 AWG	8500.7957.0
	For wire: 1-2,5 mm ² 17-14 AWG	8500.7958.0
Manual crimping tool for stamped contacts on reel 		For contacts 0,14-0,5 mm ² 26-20 AWG 8500.7972.0 0,5-1 mm ² 20-17 AWG 8500.7973.0 1,5-2,5 mm ² 16-14 AWG 8500.7974.0
Semiautomatic crimping press with mini applicator for stamped contacts. 		8500.7982.0 Crimping machine Mini-applicator with crimper for wire: 0,14-0,75 mm ² 26-18 AWG 8500.7984.0 0,75-2,5 mm ² 18-14 AWG 8500.7986.0
Crimping toggle press MODEL GW12KN For turned contacts 	Pneumatic crimping machine MODEL GW25KN For turned contacts 	Toggle press without crimping die set 8500.7970.0 Toggle press with crimping die set and locator for turned contacts for wire section 0,14 to 4,0 mm ² 8500.7971.0 Pneumatic crimping machine without crimping dies 8500.7980.0 For more details please consult the Westec General Catalogue



General technical characteristics and applications


• Metal enclosures for installation, circuit breaking, connection and control of electric and electronic equipments.

• For industries, automotive, railways, navy, tunnels, parkings, industrial buildings

• The enclosures are in conformance with the Low Voltage Directive 2006/95/EC, with EMC Directive 2004/108/EC where applicable and with the Standards:

EN 60670-1	Boxes and enclosures for electrical accessories for household and similar fixed electrical installation.
EN 60670-22	Particular requirements for connecting boxes and enclosures.
EN 62208	Empty enclosures for low voltage switchgear and controlgear assemblies.
NEMA 250	National (USA) Electrical Manufacturers Association. Class (Type) of protection.

• High mechanical strength and vibration resistance.

• Captive screws

• High protection against magnetic interferences

• Anti-ageing materials, water resistant, oil resistant, grease resistant and fuel resistant.

• The enclosures can be mounted by using external flanges or internally through holes.

• Inside the boxes the DIN rail or the metal plate, supplied as accessory, can be assembled for mounting terminal blocks, breakers, fuse holders, control devices, transformers, electronic circuits, connectors, etc.

• 6 series are available:

- 1 - Standard with polyester powder coating grey RAL9006
- 2 - Standard with polyester powder coating grey RAL7035
- 3 - Standard with polyester powder coating grey RAL7037
- 4 - Sandblasted without coating
- 5 - EMC series. Sandblasted without coating.
- 6 - HE type for harsh environmental and for high temperature up to 210°C.
Black RAL9005 with polyester powder coating

• The enclosures HE series have the best performances of the enclosures HE series for the MIC connectors: These performances are listed on pages 18.05, 18.15 and 18.16 of Westec General Catalogue.

• 8 sizes are available:
from 90 x 90 x 53 mm, size 1 (S1)
to 392 x 298 x 144 mm, size 7 (S7)
Size S-3 with high cap (HC)

• Protection degree according to EN 60529: IP66

• Protection degree according to NEMA 250: Type 4,4x,12,13
Type 4x, with coated surfaces only

• Working temperature: - 40°C ÷ + 125°C (210°C HE Type)

• With ground terminal on box and on cover by using trilobate screw for better ground contacts and low electrical resistance

• Not coated internally to guarantee the electrical conductivity of the internal surface for better ground protection

• Materials

- Body and cover: - Die-cast aluminium alloy
- Colors: Type STD Grey RAL 9006
Type STD Grey RAL 7035
Type STD Grey RAL 7037
Type HE Black RAL 9005
Type sandblasted Al natural color
EMC: Al natural color
- Coating: - Polyester powder
- Gaskets: - In anti-ageing, oils, greases and fuel resistant silicone
- Screws: - Steel with Geomet® treatment to prevent corrosion especially with aluminium parts
- Steel zinc plated for screws used internally
- Metal plates: - Steel zinc plated

Technical characteristics and applications of ATEX versions



- Metal enclosures for installation, circuit breaking, connection and control of electric and electronic equipments.
- For industries, automotive, railways, navy, tunnels, parkings, industrial buildings
- ATEX versions are in conformance with the European Directive 94/9/EC and to the Standards:

EN 60079-0:	General apparatus for explosive gas atmosphere Part 0: General requirements.
EN 60079-1-10:	Enclosures for explosive atmosphere. Class of the zone.
EN 60079-15:	Electrical apparatus for explosive gas atmospheres. Construction, testing and marking.
EN 61241-1-10:	Electrical apparatus in the presence of combustible dust. Part. 1-1: Electrical apparatus protected by enclosures - Construction and testing. Part 10: Class of zone.

- High mechanical strength and vibration resistance.
- Captive screws
- High protection against magnetic interferences
- Anti-ageing materials, water resistant, oil resistant, grease resistant and fuel resistant.
- The enclosures can be mounted by using external flanges or internally through holes.
- Inside the boxes the DIN rail or the metal plate, supplied as accessory, can be assembled for mounting terminal blocks, breakers, fuse holders, control devices, transformers, electronic circuits, connectors, etc.
- 8 sizes are available
- Degree of protection according to EN 60529: IP66
- Working temperature in accordance with ATEX: -20°C ÷ +85°C
- With ground terminal on box and on cover by using trilobate screws for better ground contacts and low electrical resistance
- Not coated internally to guarantee the electrical conductivity of the internal surface for better ground protection
- Materials:
 - Metal body and cover: - Die-cast aluminium alloy (AlSi 12)
 - Color: - Grey RAL 7037
 - Coating: - Polyester powder
 - Gaskets: in anti-ageing, oil, greases and fuel resistant silicone
 - Screws: - Steel with Geomet® treatment to prevent corrosion especially with aluminium parts
- Steel zinc plated for screws used internally
 - Metal plates: - Steel zinc plated

Marking:

Westec
8000.6291.0

YY II 3GD Ex nA
tD A22 IP66
-20°C ≤ Ta ≤ 85°C U

Junction box in accordance with European Directive 94/9/CE

Marking data classification

YY

Year of manufacturing

Ex

Product for use in explosive atmospheres, in accordance with EN Standards

II

Group II product - only for areas different from mines.

3GD

Category 3 products for areas containing gas (G) and dust (D) with normal risk of explosion.

In particular, the product can only be installed:

- a) in zone 2 (where it is improbable that an explosive atmosphere of air and flammable substances will form during normal working activity).
- b) in zone 22 (where it is improbable that an explosive atmosphere of dust will form, and if so, it will be short-lasting).

nA

nA protection method in accordance with EN 60079-15 (gas). The components supplied by Westec are classified as type nA by Standard EN 60079-15 so they can only house components of non-sparking type.

tD

tD protection method in accordance with EN 61241-1 (Dusts)

A22

The products supplied by Westec are tested pursuant to Method A provided by EN 61241-1 Standard and are therefore suitable for installation in zone 22.

Ta

Permitted ambient temperature field: -20°C ÷ +85°C

IP66

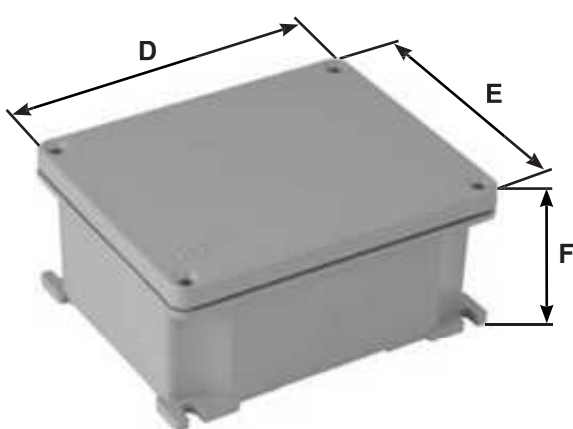
The lighting fixture's protection level against the ingress of solids and liquids, in accordance with EN 60529

U
The junction boxes are components for the purposes of Directive 94/9/EEC so the finished product must be certified by the end user manufacturer.

GENERAL REMARKS

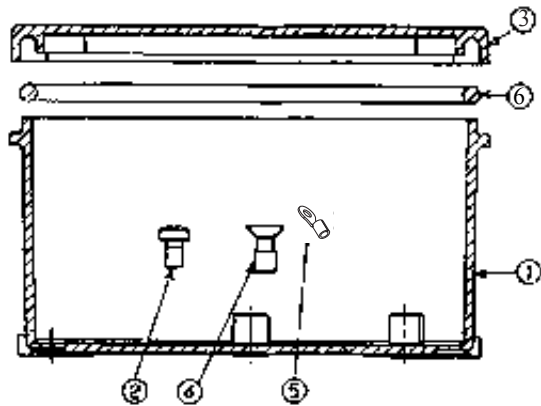
- a) The plant engineer/client is responsible for classifying areas where hazardous atmospheres can form in order to choose the right product.
- b) The component supplied by Westec **are only suitable in zone 2 (GAS) and 22 (DUST)**.
- c) The components must be installed in a thoroughly workmanlike way following the manufacturer's instructions.
- d) Make the internal and supplementary external earth connections in correspondence with the earth symbol.
- e) The components supplied by Westec are classified as type nA as per standard EN 60079-15, so they can only contain non sparking components.
- f) The junction boxes are components within the meaning of European Directive 94/9/EEC so finished products must be certificated by the end manufacturer.
- g) Use only ATEX certified cable glands with appropriate level of protection and suitable for being installed in zones classified as 2 (GAS) and 22 (DUST).
- h) The number and the size of the holes are limited by the ATEX Standard. Please see the table on page 58

Description and dimensions					Type / color	IP protection	Size	Part. No.
----------------------------	--	--	--	--	--------------	---------------	------	-----------



STD/RAL9006	IP66	S1	8000.6261.0
STD/RAL9006	IP66	S2	8000.6262.0
STD/RAL9006	IP66	S3	8000.6263.0
STD/RAL9006	IP66	S4	8000.6264.0
STD/RAL9006	IP66	S5	8000.6265.0
STD/RAL9006	IP66	S6	8000.6266.0
STD/RAL9006	IP66	S7	8000.6267.0
STD/RAL9006	IP66	S3 - HC	8000.6268.0
STD/RAL7035	IP66	S1	8000.6261.2
STD/RAL7035	IP66	S2	8000.6262.2
STD/RAL7035	IP66	S3	8000.6263.2
STD/RAL7035	IP66	S4	8000.6264.2
STD/RAL7035	IP66	S5	8000.6265.2
STD/RAL7035	IP66	S6	8000.6266.2
STD/RAL7035	IP66	S7	8000.6267.2
STD/RAL7035	IP66	S3 - HC	8000.6268.2
STD/RAL7037	IP66	S1	8000.6261.3
STD/RAL7037	IP66	S2	8000.6262.3
STD/RAL7037	IP66	S3	8000.6263.3
STD/RAL7037	IP66	S4	8000.6264.3
STD/RAL7037	IP66	S5	8000.6265.3
STD/RAL7037	IP66	S6	8000.6266.3
STD/RAL7037	IP66	S7	8000.6267.3
STD/RAL7037	IP66	S3 - HC	8000.6268.3
Sandblasted	IP66	S1	8000.6281.0
Sandblasted	IP66	S2	8000.6282.0
Sandblasted	IP66	S3	8000.6283.0
Sandblasted	IP66	S4	8000.6284.0
Sandblasted	IP66	S5	8000.6285.0
Sandblasted	IP66	S6	8000.6286.0
Sandblasted	IP66	S7	8000.6287.0
Sandblasted	IP66	S3 - HC	8000.6288.0
EMC	IP66	S1	8000.6281.4
EMC	IP66	S2	8000.6282.4
EMC	IP66	S3	8000.6283.4
EMC	IP66	S4	8000.6284.4
EMC	IP66	S5	8000.6285.4
EMC	IP66	S6	8000.6286.4
EMC	IP66	S7	8000.6287.4
EMC	IP66	S3 - HC	8000.6288.4
ATEX/RAL7037	IP66	S1	8000.6291.0
ATEX/RAL7037	IP66	S2	8000.6292.0
ATEX/RAL7037	IP66	S3	8000.6293.0
ATEX/RAL7037	IP66	S4	8000.6294.0
ATEX/RAL7037	IP66	S5	8000.6295.0
ATEX/RAL7037	IP66	S6	8000.6296.0
ATEX/RAL7037	IP66	S7	8000.6297.0
ATEX/RAL7037	IP66	S3 - HC	8000.6298.0
HE/RAL9005	IP66	S1	8000.6261.1
HE/RAL9005	IP66	S2	8000.6262.1
HE/RAL9005	IP66	S3	8000.6263.1
HE/RAL9005	IP66	S4	8000.6264.1
HE/RAL9005	IP66	S5	8000.6265.1
HE/RAL9005	IP66	S6	8000.6266.1
HE/RAL9005	IP66	S7	8000.6267.1
HE/RAL9005	IP66	S3 - HC	8000.6268.1

Size	Internal dimensions	Outside dimensions			Packing
		D	E	F	
S1	91 x 91 x 53	101	101	58	1/40
S2	128 x 103 x 55	138,5	113,5	61,5	1/32
S3	154 x 129 x 58	165,5	140,5	63,5	1/24
S3 - HC	154 x 129 x 130,8	165,5	140,5	136,8	1/8
S4	178 x 155 x 74	189	167	80	1/16
S5	239 x 202 x 85	252	215	91	1/8
S6	294 x 244 x 114	307	257	120,5	1/4
S7	392 x 298 x 144	406,5	312,5	151	1



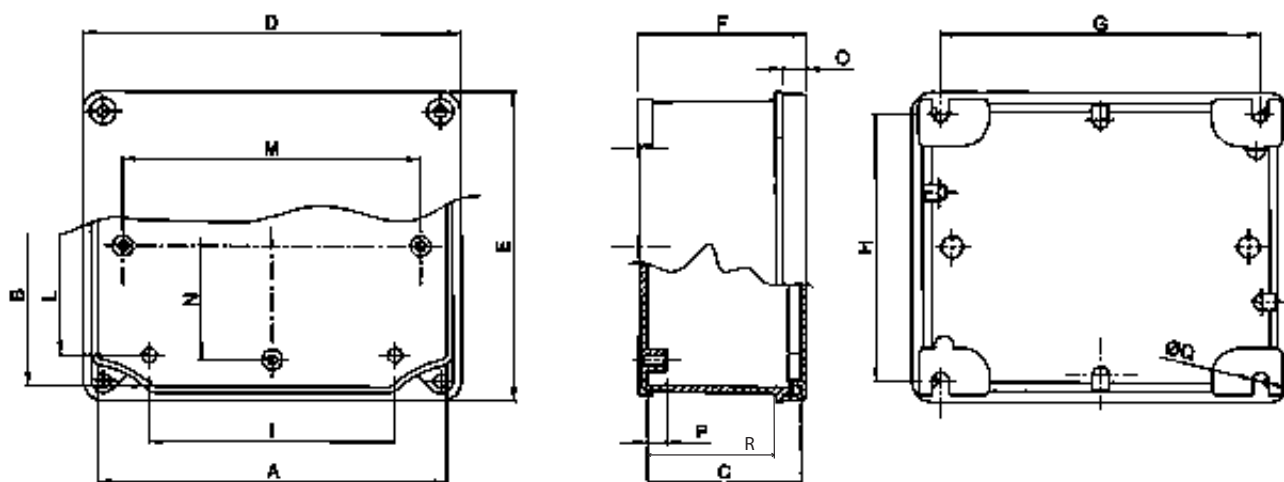
1	Bottom
2	Screw for ground terminal
3	Cover
4	Screw for cover
5	Ground terminal
6	Gasket

- For ATEX: Supplementary ground screw + terminal

NEMA 250: *Type 4,4x,12,13*
Sandblasted box Type 4,12,13

Power dissipation		
Size	Watt	In accordance with EN60670-24 and CEI 23-49 standard
S1	8	
S2	12	
S3	17	
S4	21	
S5	35	
S6	50	
S7	69	
S3 - HC	22	

Dimensions

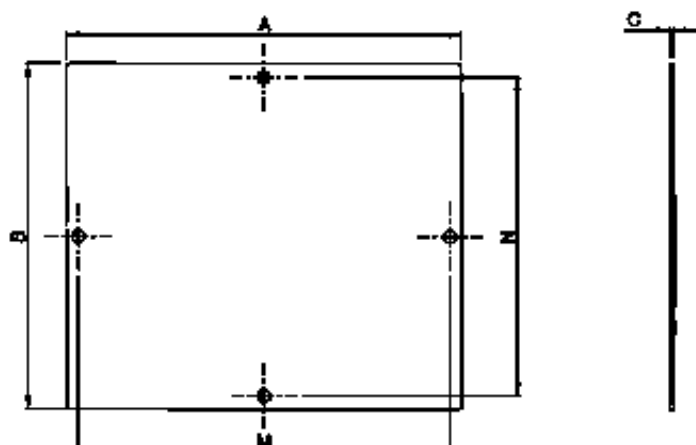


Size	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R
S1	91	91	53	101	101	58	88	80	52,5	42,5			8,3	7,5	6,1	42
S2	128	103	55	138,5	113,5	61,5	120	100	60	50	109		8,5	7,3	6,1	45
S3	154	129	58	165,5	140,5	63,5	144	125	104,5	102	135	110	8,6	7,2	6,1	47
S3-HC	154	129	130,8	165,5	140,5	136,8	144	125	104,5	102	135	110	81,9	7,2	6,1	47
S4	178	155	74	189	167	80	168	149	117	129,5	140	120	8,7	7,1	6,1	62
S5	239	202	85	252	215	91	226	196	178	164	208	168	9	8,7	8,7	72
S6	294	244	114	307	257	120,5	275	236	208	193,5	256	210	9,2	8,5	8,7	102
S7	392	298	149	406,5	312,5	156	367	283	290	237	320	230	14,8	8,5	8,7	131

Drilling in conformity with ATEX requirements

Boxes	Size	Long side				Short side				Max No. of drilling per box
Part No.		Dia	M Metric	Pg	No. of drilling Numero fori	Dia	M Metric	Pg	No. of drilling	
8000.6291.0	S1	20,5	20		1	20,5	20		1	4
		23		16		23		16		
8000.6292.0	S2	25,5	25		1	25,5	25		1	4
		29		21		28,8		21		
8000.6293.0	S3	25,5	25		2	25,5	25		1	6
8000.6298.0	S3 - HC	28,8		21		28,8		21		
8000.6294.0	S4	32,5	32		2	32,5	32		2	8
		37,5		29		37,5		29		
8000.6295.0	S5	40,5	40		2	40,5	40		2	8
		47,5		36		47,5		36		
8000.6296.0	S6	63,5	63		2	63,5	63		2	8
		60		48		60		48		
8000.6297.0	S7	63,5	63		3	63,5	63		2	10
		60		48		60		48		

Important note: We can supply the enclosures drilled with or without cable glands and fittings in accordance with customer requirements

Metal plates for metal enclosures						Packing	For box size	Part No.
						1/10	S2	8000.6272.0
						1/10	S3	8000.6273.0
						1/10	S4	8000.6274.0
						1/5	S5	8000.6275.0
						1/5	S6	8000.6276.0
						1/5	S7	8000.6277.0



General technical characteristics and applications


- Metal enclosures for installation, circuit breaking, connection and control of electric and electronic equipments.

- For mechanical and electromechanical industries, industrial automation, automotive, railways, navy, tunnels, parkings, industrial buildings

- The enclosures are in conformance with the Low Voltage Directive 2006/95/EC, with EMC Directive 2004/108/EC where applicable and with the Standards:

EN 62208 Empty enclosures for low voltage switchgear and controlgear assemblies

NEMA 250 National (USA) Electrical Manufacturers Association. Class (Type) of protection.

DIN 40050-9 / ISO 20653: Electrical equipments in road vehicles. Enclosures. Water test with high pressure. IP69K.

NEMA ICS5: Food and beverage industries. High pressure power wash test procedure for self contained control-circuit devices.

- High mechanical strength and vibration resistance.

- Captive screws

- High protection against magnetic interferences

- Anti-ageing materials, water resistant, oil resistant, grease resistant and fuel resistant.

- The enclosures can be mounted internally through holes

- Inside the boxes the DIN rail or the metal plate can be assembled for mounting terminal blocks, breakers, fuse holders, control devices, transformers, electronic circuits, connectors, etc.

- 5 series are available:

- 1 - Standard with polyester powder coating grey RAL 7001
- 2 - Standard with polyester powder coating grey RAL 7035
- 3 - Standard sandblasted without coating.
- 4 - EMC series. Sandblasted without coating. Pls refer to note of page 18.06
- 5 - HE type for harsh environmental and for high temperature up to 210°C. Black RAL 9005 with polyester powder coating

- The enclosures HE series have the best performances of the enclosures HE series for the MIC connectors: These performances are listed in the Westec General Catalogue.

- Protection degree according to EN 60529: IP66

- Protection degree according DIN 40050-9: IP69K

- Protection degree according NEMA 250: Type 4,4x,12,13 Type 4x, with coated surfaces only

- Impact resistance EN 62262: IK 09

- Working temperature: - 40°C ÷ + 125°C (+210°C HE Type)

- Max ambient temperature: 75°C
Ambient temperature average value over 24h: 60°C

- Max relative humidity at 25°C: 100%
Max relative humidity at 40°C: 50%

- With ground terminal on box and on cover

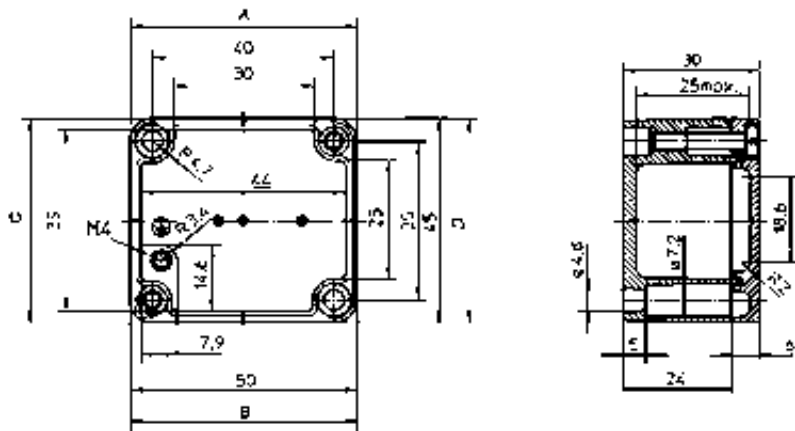
- Materials

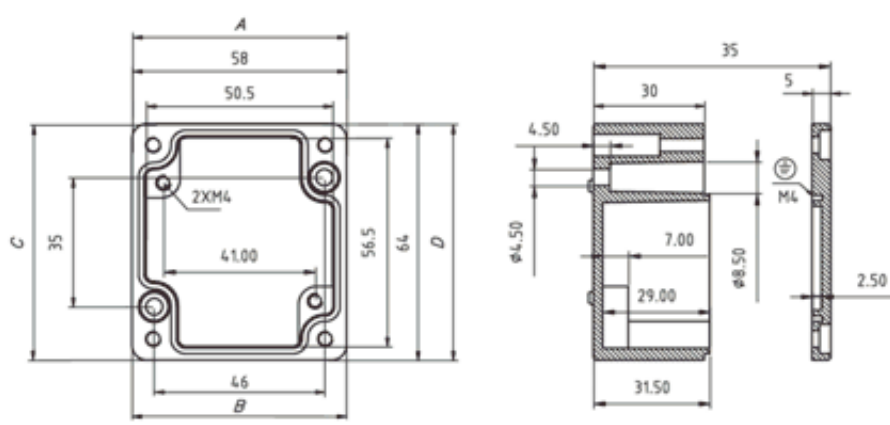
- Metal body and cover: Die-cast aluminium alloy

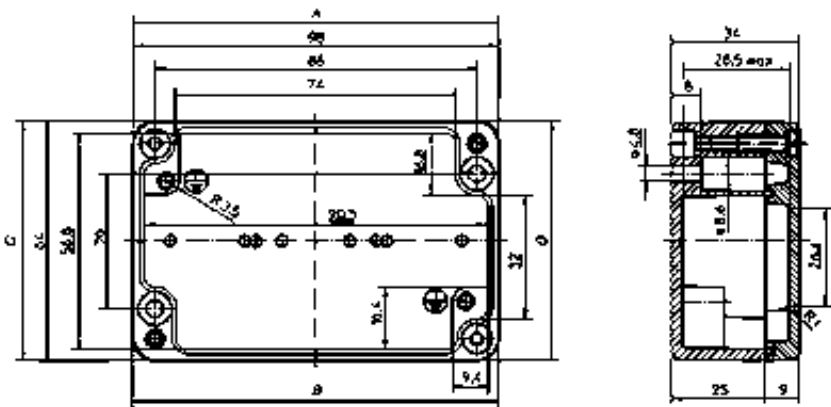
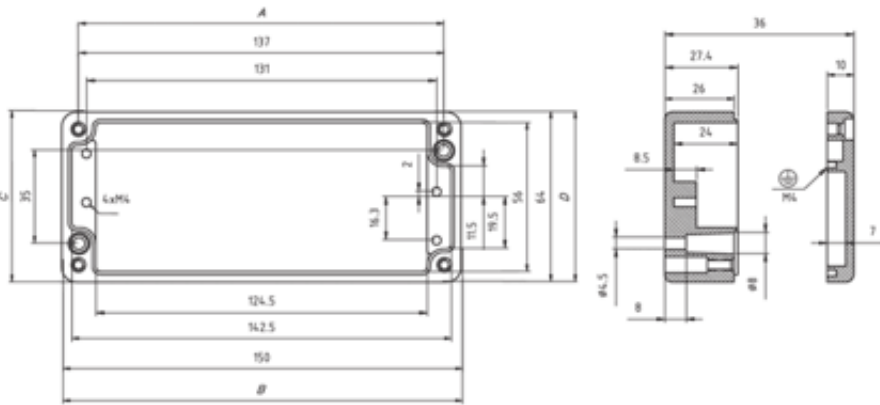
- Coating: - Polyester powder coating

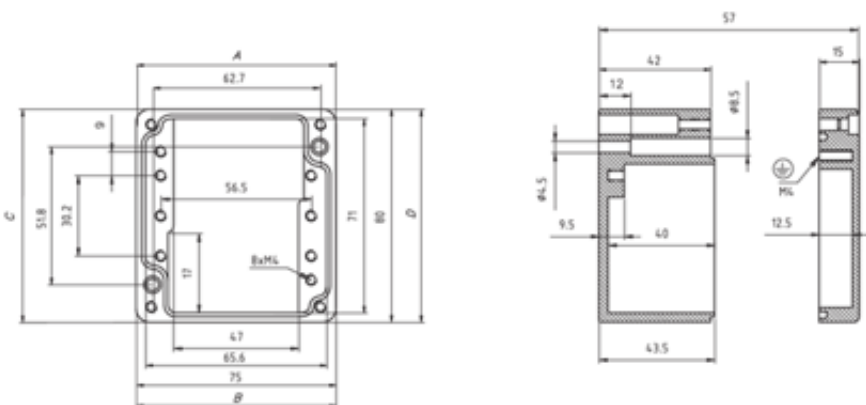
- Gaskets: in anti-ageing, oil resistant and fuel resistant silicone

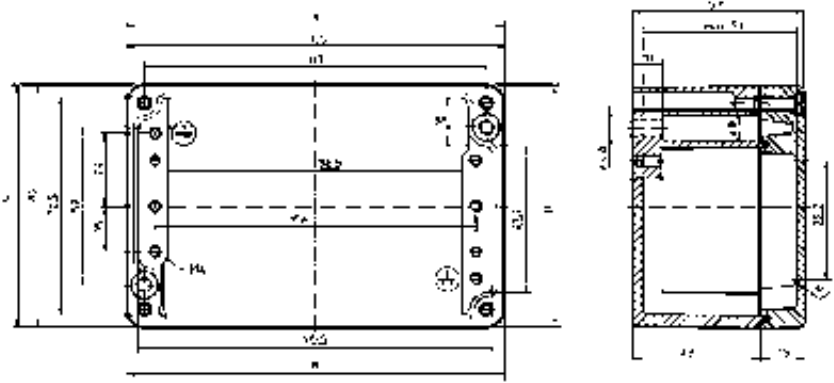
- Screws: - Stainless steel

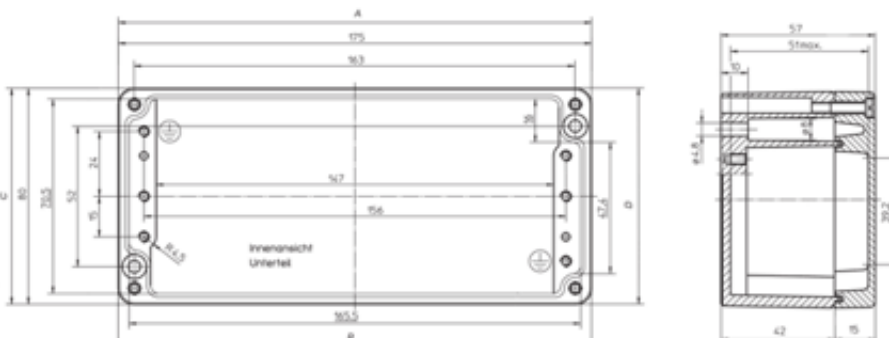
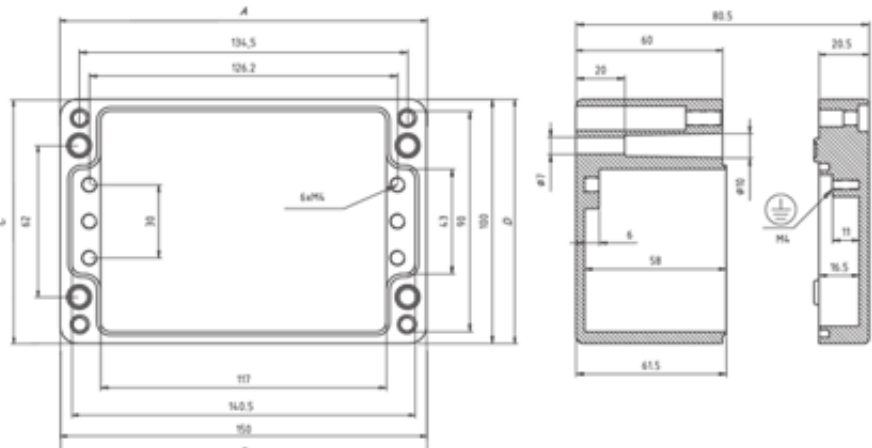
Model	05.05.03	Outside dimensions	50 x 45 x 30 mm	Color	Part No.																																				
 IP66 / IP69K CE RoHS NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="9">MAX M Thread</th></tr><tr><th>M</th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side A/B</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Side C/D</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>				MAX M Thread									M	12	16	20	25	32	40	50	63	Side A/B	1	0	0	0	0	0	0	0	Side C/D	1	0	0	0	0	0	0	0	Grey RAL7001	8100.8005.0
MAX M Thread																																									
M	12	16	20	25	32	40	50	63																																	
Side A/B	1	0	0	0	0	0	0	0																																	
Side C/D	1	0	0	0	0	0	0	0																																	
				Grey RAL7035	8100.8105.0																																				
				Sandblasted	8100.8205.0																																				
				EMC	8100.8205.4																																				
				HE Black RAL 9005	8100.8305.1																																				

Model	06.06.03	Outside dimensions	58 x 64 x 36 mm	Color	Part No.																																				
 IP66 / IP69K CE RoHS NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="9">MAX M Thread</th></tr><tr><th>M</th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side A/B</td><td>2</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Side C/D</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>				MAX M Thread									M	12	16	20	25	32	40	50	63	Side A/B	2	0	0	0	0	0	0	0	Side C/D	1	0	0	0	0	0	0	0	Grey RAL7001	8100.8006.0
MAX M Thread																																									
M	12	16	20	25	32	40	50	63																																	
Side A/B	2	0	0	0	0	0	0	0																																	
Side C/D	1	0	0	0	0	0	0	0																																	
				Grey RAL7035	8100.8106.0																																				
				Sandblasted	8100.8206.0																																				
				EMC	8100.8206.4																																				
				HE Black RAL 9005	8100.8306.1																																				

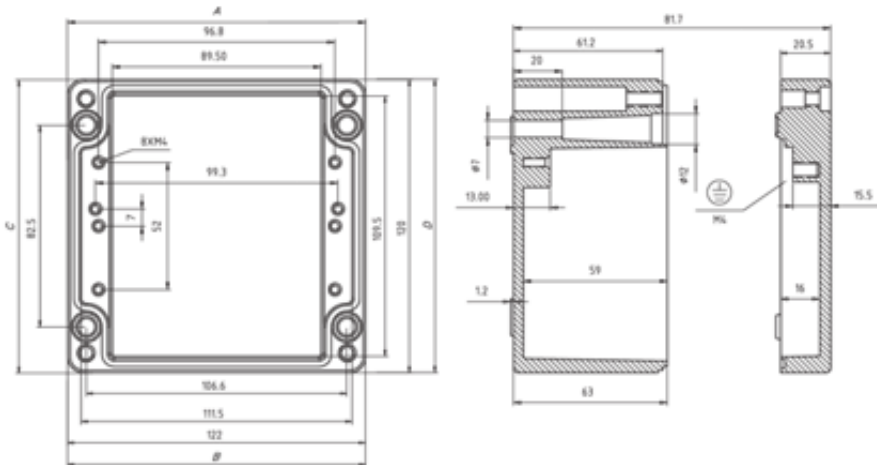
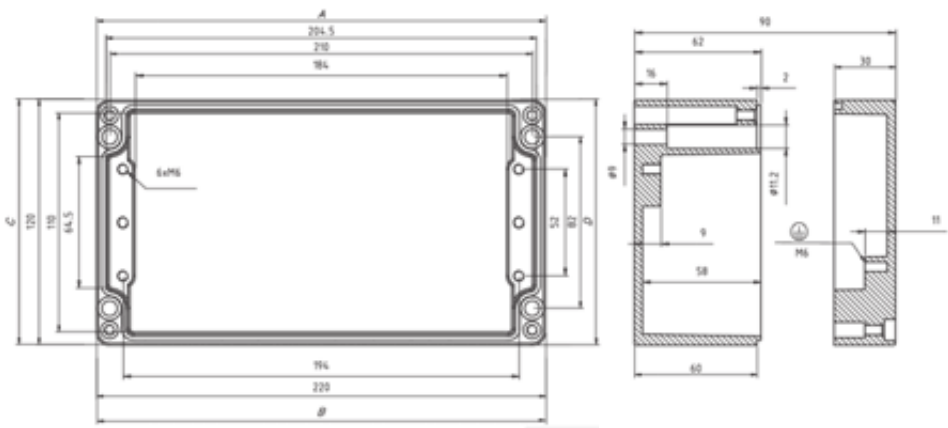
Model	10.06.03	Outside dimensions	98 x 64 x 34 mm	Color	Part No.																																							
 IP66 / IP69K   NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="10">MAX M Thread</th></tr><tr><th>M</th><th></th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side</td><td>A/B</td><td>4</td><td>3</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Side</td><td>C/D</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>				MAX M Thread										M		12	16	20	25	32	40	50	63	Side	A/B	4	3	0	0	0	0	0	0	Side	C/D	1	0	0	0	0	0	0	0	Grey RAL7001 8100.8007.0 Grey RAL7035 8100.8107.0 Sandblasted 8100.8207.0 EMC 8100.8207.4 HE Black RAL 9005 8100.8307.1
MAX M Thread																																												
M		12	16	20	25	32	40	50	63																																			
Side	A/B	4	3	0	0	0	0	0	0																																			
Side	C/D	1	0	0	0	0	0	0	0																																			
Model	15.06.03	Outside dimensions	150 x 64 x 36 mm	Color	Part No.																																							
 IP66 / IP69K   NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="10">MAX M Thread</th></tr><tr><th>M</th><th></th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side</td><td>A/B</td><td>6</td><td>4</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Side</td><td>C/D</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>				MAX M Thread										M		12	16	20	25	32	40	50	63	Side	A/B	6	4	0	0	0	0	0	0	Side	C/D	1	0	0	0	0	0	0	0	Grey RAL7001 8100.8008.0 Grey RAL7035 8100.8108.0 Sandblasted 8100.8208.0 EMC 8100.8208.4 HE Black RAL 9005 8100.8308.1
MAX M Thread																																												
M		12	16	20	25	32	40	50	63																																			
Side	A/B	6	4	0	0	0	0	0	0																																			
Side	C/D	1	0	0	0	0	0	0	0																																			

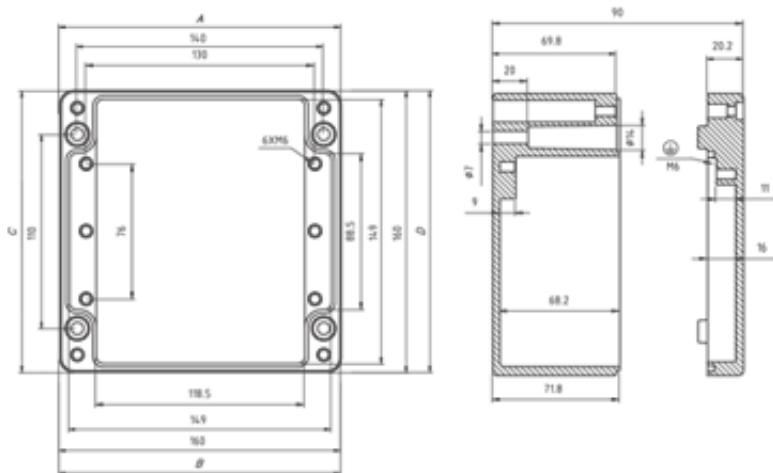
Model	08.08.06	Outside dimensions	80 x 75 x 57 mm	Color	Part No.																																						
 IP66 / IP69K  NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="10">MAX M Thread</th></tr><tr><th>M</th><th></th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side</td><td>A/B</td><td>5</td><td>2</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Side</td><td>C/D</td><td>3</td><td>2</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>		MAX M Thread										M		12	16	20	25	32	40	50	63	Side	A/B	5	2	1	0	0	0	0	0	Side	C/D	3	2	1	0	0	0	0	0	Grey RAL7001	8100.8009.0
		MAX M Thread																																									
		M		12	16	20	25	32	40	50	63																																
		Side	A/B	5	2	1	0	0	0	0	0																																
		Side	C/D	3	2	1	0	0	0	0	0																																
Grey RAL7035	8100.8109.0																																										
Sandblasted	8100.8209.0																																										
EMC	8100.8209.4																																										
HE Black RAL 9005	8100.8309.1																																										

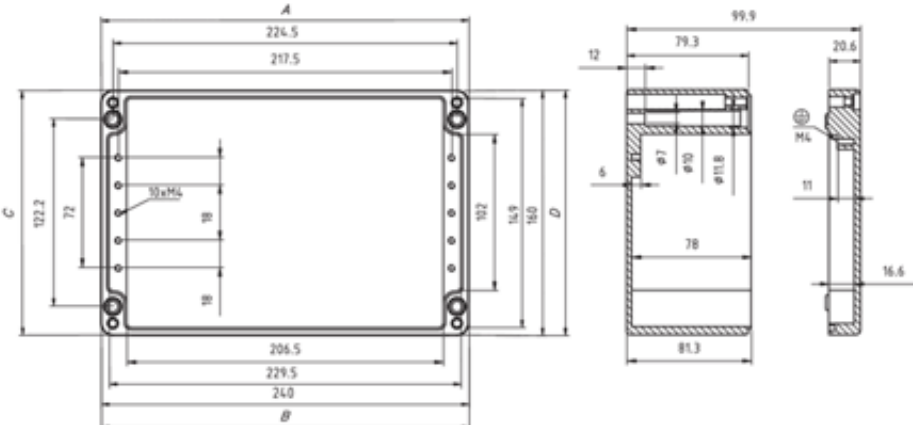
Model	13.08.06	Outside dimensions	125 x 80 x 57 mm	Color	Part No.																																						
 IP66 / IP69K  NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="10">MAX M Thread</th></tr><tr><th>M</th><th></th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side</td><td>A/B</td><td>10</td><td>4</td><td>3</td><td>2</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Side</td><td>C/D</td><td>3</td><td>2</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>		MAX M Thread										M		12	16	20	25	32	40	50	63	Side	A/B	10	4	3	2	0	0	0	0	Side	C/D	3	2	1	0	0	0	0	0	Grey RAL7001	8100.8010.0
		MAX M Thread																																									
		M		12	16	20	25	32	40	50	63																																
		Side	A/B	10	4	3	2	0	0	0	0																																
		Side	C/D	3	2	1	0	0	0	0	0																																
Grey RAL7035	8100.8110.0																																										
Sandblasted	8100.8210.0																																										
EMC	8100.8210.4																																										
HE Black RAL 9005	8100.8310.1																																										

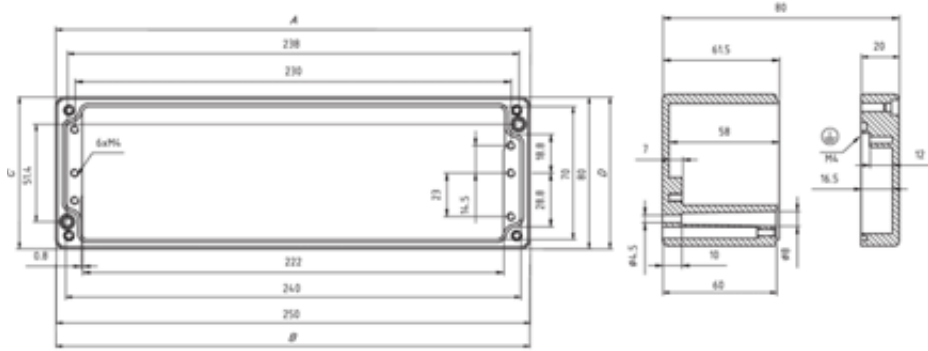
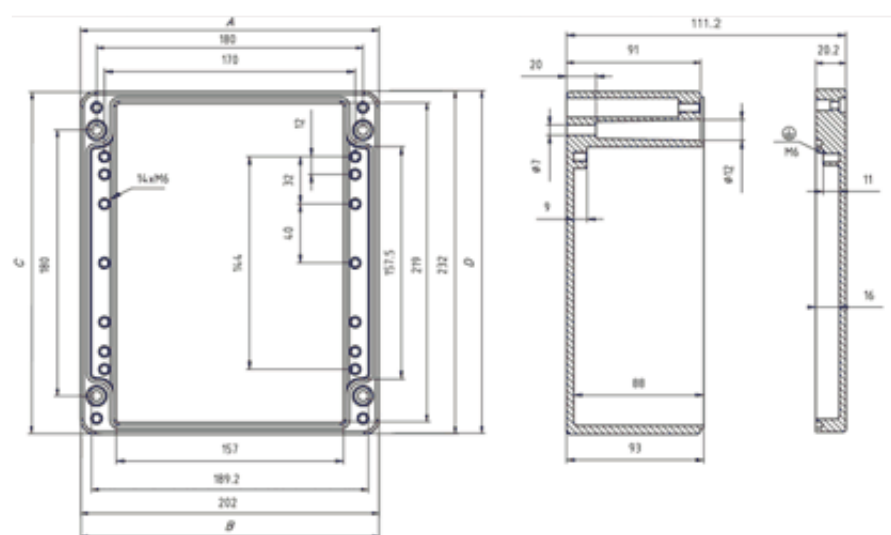
Model	18.08.06	Outside dimensions	175 x 80 x 57 mm	Color	Part No.																																			
 IP66 / IP69K   NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="9">MAX M Thread</th></tr><tr><th>M</th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side A/B</td><td>14</td><td>6</td><td>4</td><td>4</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Side C/D</td><td>4</td><td>2</td><td>1</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>				MAX M Thread									M	12	16	20	25	32	40	50	63	Side A/B	14	6	4	4	0	0	0	0	Side C/D	4	2	1	1	0	0	0	0	Grey RAL7001 8100.8011.0 Grey RAL7035 8100.8111.0 Sandblasted 8100.8211.0 EMC 8100.8211.4 HE Black RAL 9005 8100.8311.1
MAX M Thread																																								
M	12	16	20	25	32	40	50	63																																
Side A/B	14	6	4	4	0	0	0	0																																
Side C/D	4	2	1	1	0	0	0	0																																
Model	15.10.08	Outside dimensions	150 x 100 x 80 mm	Color	Part No.																																			
 IP66 / IP69K   NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="9">MAX M Thread</th></tr><tr><th>M</th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side A/B</td><td>12</td><td>6</td><td>4</td><td>2</td><td>2</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Side C/D</td><td>4</td><td>2</td><td>2</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>				MAX M Thread									M	12	16	20	25	32	40	50	63	Side A/B	12	6	4	2	2	0	0	0	Side C/D	4	2	2	1	0	0	0	0	Grey RAL7001 8100.8013.0 Grey RAL7035 8100.8113.0 Sandblasted 8100.8213.0 EMC 8100.8213.4 HE Black RAL 9005 8100.8313.1
MAX M Thread																																								
M	12	16	20	25	32	40	50	63																																
Side A/B	12	6	4	2	2	0	0	0																																
Side C/D	4	2	2	1	0	0	0	0																																

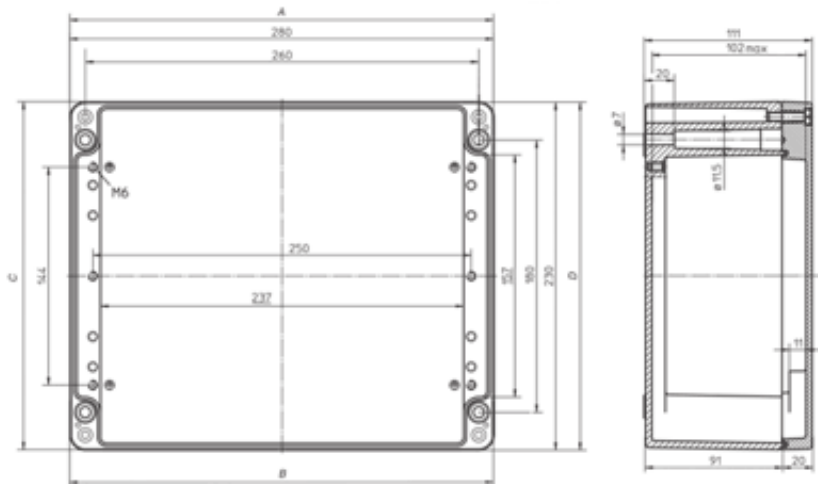
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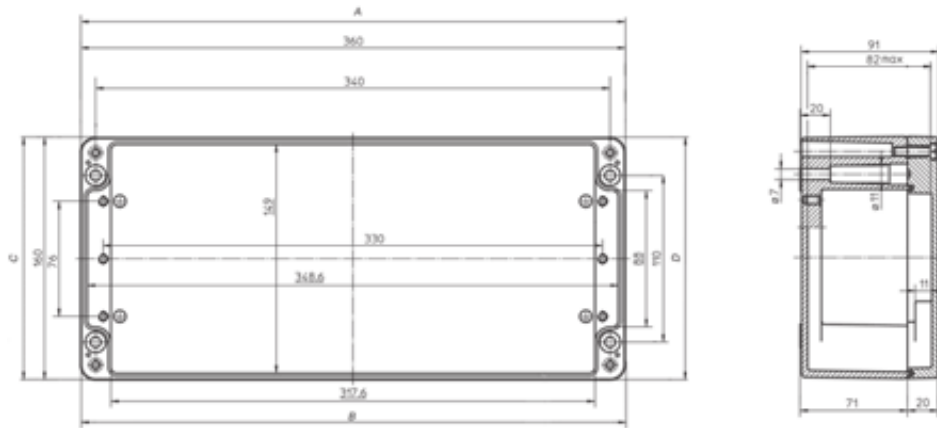
Model	12.12.08	Outside dimensions	122 x 120 x 80 mm	Color	Part No.																																								
 IP66 / IP69K CE RoHS NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="10">MAX M Thread</th></tr><tr><th>M</th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th><th></th></tr><tr><td>Side A/B</td><td>12</td><td>6</td><td>4</td><td>2</td><td>2</td><td>0</td><td>0</td><td>0</td><td></td></tr><tr><td>Side C/D</td><td>5</td><td>2</td><td>2</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td></tr></table>				MAX M Thread										M	12	16	20	25	32	40	50	63		Side A/B	12	6	4	2	2	0	0	0		Side C/D	5	2	2	1	0	0	0	0		Grey RAL7001	8100.8016.0
MAX M Thread																																													
M	12	16	20	25	32	40	50	63																																					
Side A/B	12	6	4	2	2	0	0	0																																					
Side C/D	5	2	2	1	0	0	0	0																																					
				Grey RAL7035	8100.8116.0																																								
				Sandblasted	8100.8216.0																																								
				EMC	8100.8216.4																																								
				HE Black RAL 9005	8100.8316.1																																								
Model	22.12.09	Outside dimensions	220 x 120 x 90 mm	Color	Part No.																																								
 IP66 / IP69K CE RoHS NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="10">MAX M Thread</th></tr><tr><th>M</th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th><th></th></tr><tr><td>Side A/B</td><td>27</td><td>12</td><td>8</td><td>5</td><td>4</td><td>0</td><td>0</td><td>0</td><td></td></tr><tr><td>Side C/D</td><td>5</td><td>2</td><td>2</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td></tr></table>				MAX M Thread										M	12	16	20	25	32	40	50	63		Side A/B	27	12	8	5	4	0	0	0		Side C/D	5	2	2	1	0	0	0	0		Grey RAL7001	8100.8018.0
MAX M Thread																																													
M	12	16	20	25	32	40	50	63																																					
Side A/B	27	12	8	5	4	0	0	0																																					
Side C/D	5	2	2	1	0	0	0	0																																					
				Grey RAL7035	8100.8118.0																																								
				Sandblasted	8100.8218.0																																								
				EMC	8100.8218.4																																								
				HE Black RAL 9005	8100.8318.1																																								

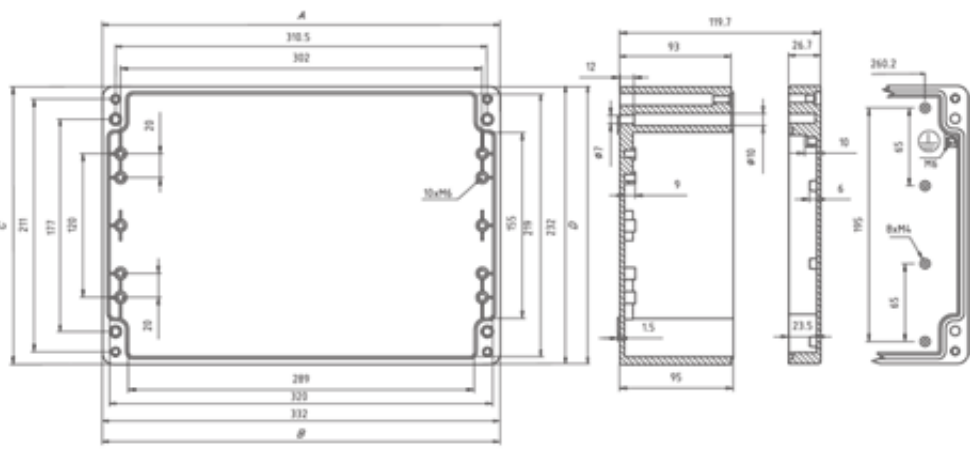
Model	16.16.09	Outside dimensions	160 x 160 x 90 mm	Color	Part No.																																				
 IP66 / IP69K CE RoHS NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="9">MAX M Thread</th></tr><tr><th>M</th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side A/B</td><td>20</td><td>9</td><td>6</td><td>4</td><td>2</td><td>2</td><td>1</td><td>0</td></tr><tr><td>Side C/D</td><td>8</td><td>4</td><td>3</td><td>2</td><td>2</td><td>0</td><td>0</td><td>0</td></tr></table>				MAX M Thread									M	12	16	20	25	32	40	50	63	Side A/B	20	9	6	4	2	2	1	0	Side C/D	8	4	3	2	2	0	0	0	Grey RAL7001	8100.8019.0
MAX M Thread																																									
M	12	16	20	25	32	40	50	63																																	
Side A/B	20	9	6	4	2	2	1	0																																	
Side C/D	8	4	3	2	2	0	0	0																																	
				Grey RAL7035	8100.8119.0																																				
				Sandblasted	8100.8219.0																																				
				EMC	8100.8219.4																																				
				HE Black RAL 9005	8100.8319.1																																				

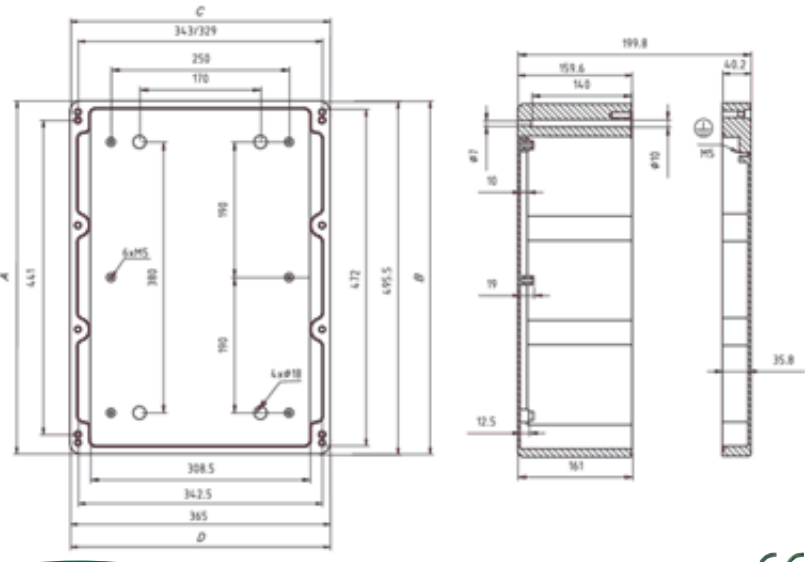
Model	24.16.10	Outside dimensions	240 x 160 x 100 mm	Color	Part No.																																				
 IP66 / IP69K CE RoHS NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="9">MAX M Thread</th></tr><tr><th>M</th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side A/B</td><td>34</td><td>16</td><td>11</td><td>6</td><td>4</td><td>3</td><td>3</td><td>0</td></tr><tr><td>Side C/D</td><td>8</td><td>4</td><td>3</td><td>2</td><td>2</td><td>0</td><td>0</td><td>0</td></tr></table>				MAX M Thread									M	12	16	20	25	32	40	50	63	Side A/B	34	16	11	6	4	3	3	0	Side C/D	8	4	3	2	2	0	0	0	Grey RAL7001	8100.8021.0
MAX M Thread																																									
M	12	16	20	25	32	40	50	63																																	
Side A/B	34	16	11	6	4	3	3	0																																	
Side C/D	8	4	3	2	2	0	0	0																																	
				Grey RAL7035	8100.8121.0																																				
				Sandblasted	8100.8221.0																																				
				EMC	8100.8221.4																																				
				HE Black RAL 9005	8100.8321.1																																				

Model	25.08.08	Outside dimensions	250 x 80 x 80 mm	Color	Part No.																																								
 IP66 / IP69K CE RoHS NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="10">MAX M Thread</th></tr><tr><th>M</th><th></th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side</td><td>A/B</td><td>27</td><td>12</td><td>8</td><td>5</td><td>4</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Side</td><td>C/D</td><td>4</td><td>2</td><td>1</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>				MAX M Thread										M		12	16	20	25	32	40	50	63	Side	A/B	27	12	8	5	4	0	0	0	Side	C/D	4	2	1	1	0	0	0	0	Grey RAL7001 Grey RAL7035 Sandblasted EMC HE Black RAL 9005	8100.8022.0 8100.8122.0 8100.8222.0 8100.8222.4 8100.8322.1
MAX M Thread																																													
M		12	16	20	25	32	40	50	63																																				
Side	A/B	27	12	8	5	4	0	0	0																																				
Side	C/D	4	2	1	1	0	0	0	0																																				
Model	20.23.11	Outside dimensions	200 x 230 x 110 mm	Color	Part No.																																								
 IP66 / IP69K CE RoHS NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="10">MAX M Thread</th></tr><tr><th>M</th><th></th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side</td><td>A/B</td><td>35</td><td>15</td><td>12</td><td>8</td><td>4</td><td>3</td><td>2</td><td>2</td></tr><tr><td>Side</td><td>C/D</td><td>20</td><td>12</td><td>8</td><td>5</td><td>3</td><td>2</td><td>2</td><td>1</td></tr></table>				MAX M Thread										M		12	16	20	25	32	40	50	63	Side	A/B	35	15	12	8	4	3	2	2	Side	C/D	20	12	8	5	3	2	2	1	Grey RAL7001 Grey RAL7035 Sandblasted EMC HE Black RAL 9005	8100.8023.0 8100.8123.0 8100.8223.0 8100.8223.4 8100.8323.1
MAX M Thread																																													
M		12	16	20	25	32	40	50	63																																				
Side	A/B	35	15	12	8	4	3	2	2																																				
Side	C/D	20	12	8	5	3	2	2	1																																				

Model	28.23.11	Outside dimensions	280 x 230 x 110 mm	Color	Part No.																																								
 IP66 / IP69K  NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="10">MAX M Thread</th></tr><tr><th>M</th><th></th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side A/B</td><td></td><td>53</td><td>25</td><td>18</td><td>11</td><td>7</td><td>4</td><td>3</td><td>3</td></tr><tr><td>Side C/D</td><td></td><td>26</td><td>12</td><td>8</td><td>5</td><td>3</td><td>2</td><td>2</td><td>1</td></tr></table>				MAX M Thread										M		12	16	20	25	32	40	50	63	Side A/B		53	25	18	11	7	4	3	3	Side C/D		26	12	8	5	3	2	2	1	Grey RAL7001	8100.8024.0
MAX M Thread																																													
M		12	16	20	25	32	40	50	63																																				
Side A/B		53	25	18	11	7	4	3	3																																				
Side C/D		26	12	8	5	3	2	2	1																																				
				Grey RAL7035	8100.8124.0																																								
				Sandblasted	8100.8224.0																																								
				EMC	8100.8224.4																																								
				HE Black RAL 9005	8100.8324.1																																								

Model	36.16.09	Outside dimensions	360 x 160 x 90 mm	Color	Part No.																																								
 IP66 / IP69K  NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="10">MAX M Thread</th></tr><tr><th>M</th><th></th><th>12</th><th>16</th><th>20</th><th>25</th><th>32</th><th>40</th><th>50</th><th>63</th></tr><tr><td>Side A/B</td><td></td><td>54</td><td>26</td><td>18</td><td>11</td><td>6</td><td>5</td><td>4</td><td>0</td></tr><tr><td>Side C/D</td><td></td><td>8</td><td>4</td><td>3</td><td>2</td><td>2</td><td>0</td><td>0</td><td>0</td></tr></table>				MAX M Thread										M		12	16	20	25	32	40	50	63	Side A/B		54	26	18	11	6	5	4	0	Side C/D		8	4	3	2	2	0	0	0	Grey RAL7001	8100.8025.0
MAX M Thread																																													
M		12	16	20	25	32	40	50	63																																				
Side A/B		54	26	18	11	6	5	4	0																																				
Side C/D		8	4	3	2	2	0	0	0																																				
				Grey RAL7035	8100.8125.0																																								
				Sandblasted	8100.8225.0																																								
				EMC	8100.8225.4																																								
				HE Black RAL 9005	8100.8325.1																																								

Model	33.23.12	Outside dimensions	330 x 230 x 120 mm	Color	Part No.																																								
 IP66 / IP69K   NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="10">MAX M Thread</th></tr><tr><td>M</td><td>12</td><td>16</td><td>20</td><td>25</td><td>32</td><td>40</td><td>50</td><td>63</td><td></td></tr><tr><td>Side A/B</td><td>65</td><td>30</td><td>23</td><td>12</td><td>9</td><td>5</td><td>4</td><td>3</td><td></td></tr><tr><td>Side C/D</td><td>24</td><td>11</td><td>8</td><td>5</td><td>3</td><td>2</td><td>2</td><td>1</td><td></td></tr></table>				MAX M Thread										M	12	16	20	25	32	40	50	63		Side A/B	65	30	23	12	9	5	4	3		Side C/D	24	11	8	5	3	2	2	1		Grey RAL7001	8100.8027.0
MAX M Thread																																													
M	12	16	20	25	32	40	50	63																																					
Side A/B	65	30	23	12	9	5	4	3																																					
Side C/D	24	11	8	5	3	2	2	1																																					
				Grey RAL7035	8100.8127.0																																								
				Sandblasted	8100.8227.0																																								
				EMC	8100.8227.4																																								
				HE Black RAL 9005	8100.8327.1																																								

Model	50.36.20	Outside dimensions	496 x 365 x 200 mm	Color	Part No.																																								
 IP66 / IP69K   NEMA 250: Type 4,4x,12,13 Sandblasted enclosures Type 4,12,13 <table><tr><th colspan="10">MAX M Thread</th></tr><tr><td>M</td><td>12</td><td>16</td><td>20</td><td>25</td><td>32</td><td>40</td><td>50</td><td>63</td><td></td></tr><tr><td>Side A/B</td><td>100</td><td>42</td><td>30</td><td>19</td><td>12</td><td>7</td><td>6</td><td>5</td><td></td></tr><tr><td>Side C/D</td><td>38</td><td>21</td><td>13</td><td>7</td><td>5</td><td>4</td><td>3</td><td>2</td><td></td></tr></table>				MAX M Thread										M	12	16	20	25	32	40	50	63		Side A/B	100	42	30	19	12	7	6	5		Side C/D	38	21	13	7	5	4	3	2		Grey RAL7001	8100.8040.0
MAX M Thread																																													
M	12	16	20	25	32	40	50	63																																					
Side A/B	100	42	30	19	12	7	6	5																																					
Side C/D	38	21	13	7	5	4	3	2																																					
				Grey RAL7035	8100.8140.0 On request																																								
				Sandblasted	8100.8240.0 On request																																								
				EMC	8100.8240.4 On request																																								
				HE Black RAL 9005	8100.8340.1 On request																																								

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
2000.3001.0	39	5691.1836.X	59	7000.6874.0	49	7000.7123.2	44
2000.3002.0	39	5691.1844.X	59	7000.6874.3	49	7000.7124.2	44
2000.3003.0	39	5691.1851.X	59	7000.6875.0	49	7000.7125.2	44
2000.3004.0	39	5691.1869.X	59	7000.6875.3	49	7000.7127.2	44
2000.3005.0	39	5821.3372.0	49	7000.6876.0	49	7000.7128.2	44
2000.3006.0	39	5821.3380.0	49	7000.6876.3	49	7000.7129.2	44
2000.3007.0	39	5821.3455.0	49	7000.6881.0	49	7000.7130.2	44
2000.3008.0	39	5821.3463.0	49	7000.6882.0	49	7000.7131.2	44
2000.3013.0	39	5871.1854.X	49	7000.6886.0	49	7000.7132.2	44
2000.3020.0	39	5871.1896.X	49	7000.6896.0	42	7000.7310.0	45
2000.3021.0	39	5871.1904.X	49	7000.6896.3	42	7000.7311.0	45
2000.3022.0	39	5871.1938.X	49	7000.6897.0	42	7000.7312.0	45
2000.3023.0	39	5871.1961.X	49	7000.6897.3	42	7000.7313.0	45
2000.3024.0	39	5871.1987.X	49	7000.6898.3	42	7000.7314.0	45
2000.3025.0	39	5871.1995.X	49	7000.6899.3	42	7000.7315.0	45
2000.3027.0	39	6121.0008.0	49	7000.6900.3	42	7000.7316.0	45
2000.3029.0	39	6341.0021.0	49	7000.6901.3	42	7000.7317.0	45
2000.3031.0	39	6341.0120.A	49	7000.6928.0	45	7000.7320.0	45
2000.3033.0	39	6341.0138.X	49	7000.6929.0	45	7000.7321.0	45
2000.3035.0	39	6341.0139.X	49	7000.6930.0	45	7000.7322.0	45
2000.3036.0	39	6341.1425.X	49	7000.6931.0	45	7000.7323.0	45
2000.3100.0	39	6341.1938.A	49	7000.6932.0	45	7000.7324.0	45
2000.3105.0	39	6341.2092.A	49	7000.6933.0	45	7000.7325.0	45
2000.3110.0	39	6341.2241.A	49	7000.6934.0	45	7000.7326.0	45
2000.3115.0	39	6341.4411.0	49	7000.6935.0	45	7000.7327.0	45
2000.3120.0	39	7000.6788.0	45	7000.6936.0	45	7000.7328.0	45
2000.3140.0	39	7000.6789.0	45	7000.6937.0	45	7000.7329.0	45
2000.3145.0	39	7000.6791.0	45	7000.6942.0	45	7000.7360.0	46
2000.3170.0	39	7000.6792.0	45	7000.6943.0	45	7000.7361.0	46
2000.3170.A	39	7000.6793.0	45	7000.6944.0	45	7000.7370.0	46
2000.3175.0	39	7000.6794.0	45	7000.6945.0	45	7000.7371.0	46
2000.3180.0	39	7000.6796.0	45	7000.6946.0	45	7000.7380.0	46
2000.3180.A	39	7000.6797.0	45	7000.6947.0	45	7000.7381.0	46
2100.3150.0	39	7000.6798.0	45	7000.6948.0	45	7000.7701.0	42
2100.3150.2	39	7000.6799.0	45	7000.6949.0	45	7000.7702.0	42
2100.3150.3	39	7000.6825.0	42	7000.6950.0	44	7000.7703.0	42
2100.3150.5	39	7000.6825.3	42	7000.6951.0	44	7000.7704.0	42
2100.3310.1	41	7000.6826.0	42	7000.6952.0	44	7000.7705.0	42
2100.3310.6	41	7000.6826.3	42	7000.6953.0	44	7000.7706.0	42
2100.3312.1	41	7000.6827.0	42	7000.6954.0	44	7000.7707.0	42
2100.3312.6	41	7000.6827.3	42	7000.6955.0	44	7000.7708.0	42
2100.3316.1	41	7000.6828.0	42	7000.6956.0	44	7000.7709.0	42
2100.3320.0	41	7000.6828.3	42	7000.6957.0	44	7000.7710.0	42
2100.3320.6	41	7000.6829.0	42	7000.6958.0	44	7000.7711.0	42
2100.3322.0	41	7000.6829.3	42	7000.6959.0	44	7000.7712.0	42
2100.3322.5	41	7000.6830.0	42	7000.6960.0	44	7000.7713.0	42
2100.3324.0	41	7000.6830.3	42	7000.6961.0	44	7000.7714.0	42
2100.3401.2	39	7000.6831.0	42	7000.6962.0	44	7000.7715.0	42
2100.3401.3	39	7000.6831.3	42	7000.6963.0	44	7000.7716.0	42
2100.3401.5	39	7000.6832.0	42	7000.6964.0	44	7000.7717.0	42
2100.3502.0	41	7000.6832.3	42	7000.6965.0	44	7000.7721.0	42
2100.3502.1	41	7000.6833.0	42	7000.6966.0	44	7000.7722.0	42
2100.3502.2	41	7000.6833.3	42	7000.6967.0	44	7000.7723.0	42
2100.3502.3	41	7000.6834.0	42	7000.6971.0	45	7000.7724.0	42
2100.3502.5	41	7000.6834.3	42	7000.6972.0	45	7000.7725.0	42
2100.3525.0	41	7000.6835.0	42	7000.6975.0	45	7000.7726.0	42
2110.3210.0	41	7000.6835.3	42	7000.6976.0	45	7000.7727.0	42
2110.3212.0	41	7000.6836.3	42	7000.6977.0	45	7000.7728.0	42
2110.3214.0	41	7000.6837.0	42	7000.6978.0	45	7000.7729.0	42
2110.3216.0	41	7000.6837.1	42	7000.6979.0	45	7000.7730.0	42
2110.3220.0	41	7000.6839.0	42	7000.6980.0	45	7000.7731.0	42
2110.3222.0	41	7000.6839.1	42	7000.6981.0	45	7000.7732.0	42
2110.3224.0	41	7000.6841.0	42	7000.6982.0	45	7000.7733.0	42
2110.3226.0	41	7000.6842.0	42	7000.6983.0	45	7000.7734.0	42
5121.019X.X	49	7000.6843.0	42	7000.6984.0	45	7000.7735.0	42
5121.021X.X	49	7000.6844.0	42	7000.6985.0	45	7000.7736.0	42
5121.033X.X	49	7000.6845.0	42	7000.6986.0	45	7000.7737.0	42
5121.102X.X	49	7000.6846.0	42	7000.7000.0	48	7000.7771.0	45
5121.1031.X	49	7000.6847.0	42	7000.7050.0	47	7000.7772.0	45
5121.103X.X	49	7000.6848.0	42	7000.7051.0	47	7000.7775.0	45
5121.120X.X	49	7000.6849.0	42	7000.7052.0	47	7000.7780.0	45
5121.167X.X	49	7000.6850.0	42	7000.7053.0	47	7000.7781.0	45
5121.2135.X	49	7000.6851.0	42	7000.7054.0	47	7000.7783.0	45
5121.2171.X	49	7000.6852.0	42	7000.7055.0	47	7000.7784.0	45
5131.0514.X	49	7000.6865.0	45	7000.7056.0	47	7000.7785.0	45
5131.0587.X	49	7000.6866.0	45	7000.7060.0	47	7000.7786.0	45
5341.1039.X	49	7000.6867.0	45	7000.7061.0	47	7000.7791.0	45
5341.2920.0	49	7000.6868.0	45	7000.7062.0	47	7000.7792.0	45
5341.3340.0	49	7000.6869.0	45	7000.7063.0	47	7000.7793.0	45
5341.3860.0	49	7000.6870.0	45	7000.7065.0	47	7000.7794.0	45
5341.4124.X	49	7000.6871.0	45	7000.7066.0	47	7000.7795.0	45
5631.3836.X	59	7000.6872.0	45	7000.7067.0	47	7000.7796.0	45
5631.3869.X	59	7000.6873.0	45	7000.7122.2	44	7000.7797.0	45

Part No.	-	Page	Part No.	-	Page	Part No.	-	Page	Part No.	-	Page
7000.7798.0		45	7000.7834.1		43	7001.8001.9		50	7001.8185.8		51
7000.7799.0		45	7000.7834.2		43	7001.8002.9		50	7001.8188.4		51
7000.7800.0		45	7000.7834.5		43	7001.8003.9		50	7001.8191.2		51
7000.7801.0		45	7000.7834.6		43	7001.8011.3		50	7001.8194.6		51
7000.7821.0		43	7000.7834.7		43	7001.8011.9		50	7006.7000.0		48
7000.7821.1		43	7000.7835.0		43	7001.8012.3		50	7006.7009.0		48
7000.7821.2		43	7000.7835.1		43	7001.8012.9		50	7010.7000.0		48
7000.7821.5		43	7000.7835.2		43	7001.8013.9		50	7010.7009.0		48
7000.7821.6		43	7000.7835.5		43	7001.8021.8		50	7016.7000.0		48
7000.7821.7		43	7000.7835.6		43	7001.8021.9		50	7016.7009.0		48
7000.7822.0		43	7000.7835.7		43	7001.8022.6		50	7024.7000.0		48
7000.7822.1		43	7000.7836.0		43	7001.8022.8		50	7024.7009.0		48
7000.7822.2		43	7000.7836.1		43	7001.8022.9		50	7100.4031.0		19
7000.7822.5		43	7000.7836.2		43	7001.8023.8		50	7100.4031.1		19
7000.7822.6		43	7000.7836.5		43	7001.8024.8		50	7100.4031.2		19
7000.7822.7		43	7000.7836.6		43	7001.8024.9		50	7100.4032.0		19
7000.7823.0		43	7000.7836.7		43	7001.8031.2		50	7100.4032.1		19
7000.7823.1		43	7000.7837.0		43	7001.8031.4		50	7100.4032.2		19
7000.7823.2		43	7000.7837.1		43	7001.8032.2		50	7100.4033.0		19
7000.7823.5		43	7000.7837.2		43	7001.8032.4		50	7100.4033.1		19
7000.7823.6		43	7000.7837.5		43	7001.8033.2		50	7100.4033.2		19
7000.7823.7		43	7000.7837.6		43	7001.8034.2		50	7100.4037.0		19
7000.7824.0		43	7000.7837.7		43	7001.8034.4		50	7100.4037.1		19
7000.7824.1		43	7000.7838.0		43	7001.8041.0		50	7100.4037.2		19
7000.7824.2		43	7000.7838.1		43	7001.8041.2		50	7100.4038.0		19
7000.7824.5		43	7000.7838.2		43	7001.8042.0		50	7100.4038.1		19
7000.7824.6		43	7000.7838.5		43	7001.8042.2		50	7100.4038.2		19
7000.7824.7		43	7000.7838.6		43	7001.8043.0		50	7100.4039.0		19
7000.7825.0		43	7000.7838.7		43	7001.8044.0		50	7100.4039.1		19
7000.7825.1		43	7000.7841.0		44	7001.8044.2		50	7100.4039.2		19
7000.7825.2		43	7000.7841.1		44	7001.8051.6		50	7100.4071.0		19
7000.7825.5		43	7000.7841.2		44	7001.8051.8		50	7100.4071.1		19
7000.7825.6		43	7000.7842.0		44	7001.8052.6		50	7100.4071.2		19
7000.7825.7		43	7000.7842.1		44	7001.8052.8		50	7100.4072.0		19
7000.7826.0		43	7000.7842.2		44	7001.8053.6		50	7100.4072.1		19
7000.7826.1		43	7000.7843.0		44	7001.8053.8		50	7100.4072.2		19
7000.7826.2		43	7000.7843.1		44	7001.8061.3		50	7100.4073.0		19
7000.7826.5		43	7000.7843.2		44	7001.8061.8		50	7100.4073.1		19
7000.7826.6		43	7000.7844.0		44	7001.8062.3		50	7100.4073.2		19
7000.7826.7		43	7000.7844.1		44	7001.8062.8		50	7100.4077.0		19
7000.7827.0		43	7000.7844.2		44	7001.8063.3		50	7100.4077.1		19
7000.7827.1		43	7000.7845.0		44	7001.8063.8		50	7100.4077.2		19
7000.7827.2		43	7000.7845.1		44	7001.8071.0		50	7100.4078.0		19
7000.7827.5		43	7000.7845.2		44	7001.8071.4		50	7100.4078.1		19
7000.7827.6		43	7000.7846.0		44	7001.8071.5		50	7100.4078.2		19
7000.7827.7		43	7000.7846.1		44	7001.8072.0		50	7100.4079.0		19
7000.7828.0		43	7000.7846.2		44	7001.8072.4		50	7100.4079.1		19
7000.7828.1		43	7000.7847.0		44	7001.8072.5		50	7100.4079.2		19
7000.7828.2		43	7000.7847.1		44	7001.8081.1		51	7100.4201.0		18
7000.7828.5		43	7000.7847.2		44	7001.8081.2		51	7100.4201.1		18
7000.7828.6		43	7000.7848.0		44	7001.8081.9		51	7100.4202.0		18
7000.7828.7		43	7000.7848.1		44	7001.8082.1		51	7100.4202.1		18
7000.7829.0		43	7000.7848.2		44	7001.8082.2		51	7100.4203.0		18
7000.7829.1		43	7000.7849.0		44	7001.8082.9		51	7100.4203.1		18
7000.7829.2		43	7000.7849.1		44	7001.8091.5		51	7100.4204.0		18
7000.7829.5		43	7000.7849.2		44	7001.8091.6		51	7100.4204.1		18
7000.7829.6		43	7000.7850.0		44	7001.8091.9		51	7100.4205.0		18
7000.7829.7		43	7000.7850.1		44	7001.8092.5		51	7100.4205.1		18
7000.7830.0		43	7000.7850.2		44	7001.8092.6		51	7100.4206.0		18
7000.7830.1		43	7000.7851.0		44	7001.8092.9		51	7100.4206.1		18
7000.7830.2		43	7000.7851.1		44	7001.8101.0		51	7100.4211.0		18
7000.7830.5		43	7000.7851.2		44	7001.8101.1		51	7100.4211.1		18
7000.7830.6		43	7000.7852.0		44	7001.8101.4		51	7100.4212.0		18
7000.7830.7		43	7000.7852.1		44	7001.8102.0		51	7100.4212.1		18
7000.7831.0		43	7000.7852.2		44	7001.8102.1		51	7100.4213.0		18
7000.7831.1		43	7000.7853.0		44	7001.8102.4		51	7100.4213.1		18
7000.7831.2		43	7000.7853.1		44	7001.8111.2		51	7100.4214.0		18
7000.7831.5		43	7000.7853.2		44	7001.8111.9		51	7100.4214.1		18
7000.7831.6		43	7000.7854.0		44	7001.8112.2		51	7100.4215.0		18
7000.7831.7		43	7000.7854.1		44	7001.8112.9		51	7100.4215.1		18
7000.7832.0		43	7000.7854.2		44	7001.8121.5		51	7100.4216.0		18
7000.7832.1		43	7000.7855.0		44	7001.8121.6		51	7100.4216.1		18
7000.7832.2		43	7000.7855.1		44	7001.8122.5		51	7107.4001.0		15
7000.7832.5		43	7000.7855.2		44	7001.8122.6		51	7107.4001.1		15
7000.7832.6		43	7000.7856.0		44	7001.8150.9		51	7107.4101.0		15
7000.7832.7		43	7000.7856.1		44	7001.8151.8		51	7107.4101.1		15
7000.7833.0		43	7000.7856.2		44	7001.8152.8		51	7108.4002.0		15
7000.7833.1		43	7000.7857.0		44	7001.8161.2		51	7108.4058.0		15
7000.7833.2		43	7000.7857.1		44	7001.8162.2		51	7108.4059.0		15
7000.7833.5		43	7000.7857.2		44	7001.8171.0		51	7108.4102.0		15
7000.7833.6		43	7000.7858.0		44	7001.8172.0		51	7108.4158.0		15
7000.7833.7		43	7000.7858.1		44	7001.8181.6		51	7108.4159.0		15
7000.7834.0		43	7000.7858.2		44	7001.8182.6		51	7115.4006.0		15

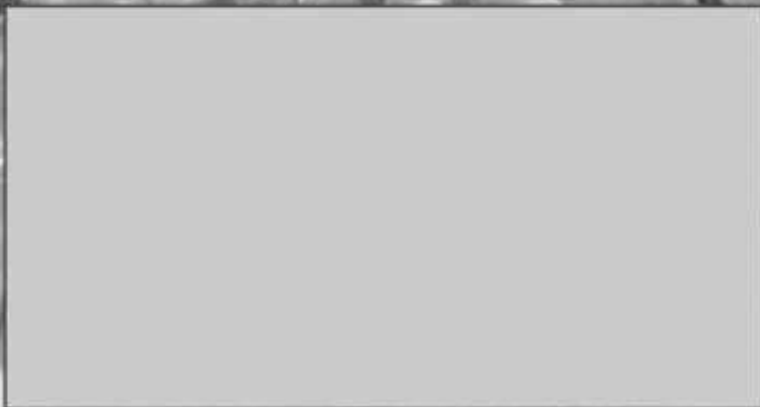
Part No.	-	Page	Part No.	-	Page	Part No.	-	Page	Part No.	-	Page
7115.4106.0		15	7306.6145.0		16	7506.5932.0		14	7803.6803.0		21
7124.4040.0		15	7306.6161.0		11	7506.5934.0		14	7803.6803.1		21
7124.4140.0		15	7310.5852.0		11	7506.6032.0		13	7803.6804.0		21
7125.4012.0		15	7310.5862.0		17	7506.6052.0		13	7806.5212.0		31
7125.4012.3		15	7310.5952.0		11	7506.6072.0		13-14	7806.5214.0		31
7125.4112.0		15	7310.5962.0		17	7506.6082.0		14	7806.5216.0		31
7125.4112.3		15	7310.6004.0		10	7506.6132.0		13	7806.5218.0		31
7140.4018.0		15	7310.6062.0		11	7506.6152.0		13	7806.5220.0		31
7140.4118.0		15	7310.6090.0		12	7506.6172.0		13-14	7806.5270.0		31
7142.4046.0		15	7310.6104.0		10	7506.6182.0		14	7806.5280.0		31
7142.4146.0		15	7310.6162.0		11	7510.5833.0		14	7806.5280.5		31
7164.4024.0		15	7310.6190.0		12	7510.5835.0		14	7806.5281.0		31
7164.4124.0		15	7312.6043.0		16	7510.5933.0		14	7806.5281.5		31
7172.4052.0		15	7312.6143.0		16	7510.5935.0		14	7806.5282.0		31
7172.4053.0		15	7316.5853.0		11-12	7510.6033.0		13	7806.5282.5		31
7172.4152.0		15	7316.5854.0		12	7510.6053.0		13	7806.5283.0		31
7172.4153.0		15	7316.5863.0		17	7510.6073.0		13-14	7806.5283.5		31
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7203.6101.0		10	7316.5954.0		12	7510.6153.0		13	7806.5300.0		31
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7204.6002.0		10	7316.5964.0		17	7510.6183.0		14	7806.5301.0		31
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7204.6102.0		10	7316.6006.0		11	7516.6035.0		13	7806.5302.0		31
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7210.4411.0		10	7316.6105.0		10-11	7600.5700.0		18	7806.5303.5		31
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7806.7225.0		27	7810.5002.0		35	7810.6363.0		26	7810.7109.0		33
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7816.4569.0		23	7816.5293.5		31	7816.6537.0		35	7824.5011.0		35
7816.4569.5		23	7816.5309.0		31	7816.6545.0		33	7824.5012.0		35
7816.4570.0		23	7816.5309.5		31	7816.6546.0		33	7824.5031.0		35
7816.4575.0		23	7816.5310.0		31	7816.6547.0		28	7824.5032.0		35
7816.4576.0		23	7816.5310.5		31	7816.6548.0		28	7824.5033.0		35
7816.4577.0		23	7816.5311.0		31	7816.6549.0		28	7824.5034.0		35
7816.4586.0		24	7816.5311.5		31	7816.6550.0		28	7824.5052.0		36
7816.4586.5		24	7816.5312.0		31	7816.6557.0		28	7824.5056.0		36
7816.4587.0		24	7816.5312.5		31	7816.6558.0		28	7824.5066.0		36
7816.4587.5		24	7816.5313.0		31	7816.6571.0		33	7824.5067.0		36
7816.4588.0		24	7816.5313.5		31	7816.6572.0		33	7824.5068.0		36
7816.4588.5		24	7816.5365.0		34	7816.6583.0		29	7824.5069.0		36
7816.4589.0		24	7816.5366.0		34	7816.6587.0		35	7824.5078.0		37
7816.4589.5		24	7816.5367.0		34	7816.6615.0		34	7824.5078.5		37
7816.4592.0		23	7816.5368.0		34	7816.6615.5		34	7824.5079.0		37
7816.4595.0		23	7816.6305.0		26	7816.6616.0		34	7824.5079.5		37
7816.4994.0		23	7816.6306.0		26	7816.6616.5		34	7824.5080.0		37
7816.4995.0		23	7816.6315.0		26	7816.6618.0		34	7824.5080.5		37
7816.4996.0		23	7816.6316.0		26	7816.6618.5		34	7824.5081.0		37
7816.4997.0		23	7816.6324.0		32	7816.6619.0		34	7824.5081.5		37
7816.5005.0		35	7816.6325.0		32	7816.6619.5		34	7824.5096.0		37
7816.5006.0		35	7816.6355.0		26	7816.6621.0		34	7824.5097.0		37
7816.5007.0		35	7816.6356.0		26	7816.6621.5		34	7824.5098.0		37
7816.5008.0		35	7816.6365.0		26	7816.6622.0		34	7824.5099.0		37
7816.5027.0		35	7816.6366.0		26	7816.6622.5		34	7824.5108.0		37
7816.5028.0		35	7816.6374.0		32	7816.6806.0		35	7824.5108.5		37
7816.5029.0		35	7816.6375.0		32	7816.6810.0		35	7824.5109.0		37
7816.5030.0		35	7816.6405.0		28	7816.6815.0		30	7824.5109.5		37
7816.5051.0		36	7816.6406.0		28	7816.6820.0		30	7824.5110.0		37
7816.5055.0		36	7816.6413.0		32	7816.6921.0		33	7824.5110.5		37
7816.5063.0		36	7816.6423.0		33	7816.6922.0		33	7824.5111.0		37
7816.5064.0		36	7816.6423.5		33	7816.6923.0		35	7824.5111.5		37
7816.5065.0		36	7816.6424.0		33	7816.7019.0		28	7824.5122.0		37
7816.5074.0		37	7816.6424.5		33	7816.7021.0		33	7824.5126.0		37
7816.5074.5		37	7816.6431.0		28	7816.7022.0		33	7824.5147.0		36
7816.5075.0		37	7816.6431.5		28	7816.7113.0		33	7824.5148.0		36
7816.5075.5		37	7816.6432.0		28	7816.7168.0		26	7824.5149.0		36
7816.5076.0		37	7816.6432.5		28	7816.7169.0		26	7824.5150.0		36
7816.5076.5		37	7816.6435.0		34	7816.7170.0		26	7824.5151.0		36
7816.5077.0		37	7816.6435.5		34	7816.7171.0		26	7824.5152.0		36
7816.5077.5		37	7816.6436.0		34	7816.7172.0		26	7824.5153.0		36
7816.5093.0		37	7816.6436.5		34	7816.7173.0		26	7824.5154.0		36
7816.5094.0		37	7816.6439.0		29	7816.7174.0		26	7824.5178.0		36
7816.5095.0		37	7816.6439.5		29	7816.7175.0		26	7824.5179.0		36
7816.5104.0		37	7816.6440.0		29	7816.7176.0		26	7824.5180.0		36
7816.5104.5		37	7816.6440.5		29	7816.7207.0		28	7824.5181.0		36
7816.5105.0		37	7816.6445.0		33	7816.7215.0		27	7824.5182.0		36
7816.5105.5		37	7816.6445.5		33	7816.7216.0		27	7824.5183.0		36
7816.5106.0		37	7816.6446.0		33	7816.7238.0		27	7824.5184.0		36
7816.5106.5		37	7816.6446.5		33	7816.7239.0		27	7824.5185.0		36
7816.5107.0		37	7816.6453.0		28	7816.7240.0		27	7824.5244.0		31
7816.5107.5		37	7816.6453.5		28	7816.7241.0		27	7824.5246.0		31
7816.5121.0		37	7816.6454.0		28	7816.7242.0		27	7824.5248.0		31
7816.5125.0		37	7816.6454.5		28	7816.7243.0		27	7824.5250.0		31
7816.5138.0		36	7816.6457.0		34	7816.7244.0		27	7824.5273.0		31
7816.5139.0		36	7816.6457.5		34	7816.7245.0		27	7824.5295.0		31
7816.5140.0		36	7816.6458.0		34	7816.7246.0		27	7824.5295.5		31
7816.5141.0		36	7816.6458.5		34	7816.7255.0		27	7824.5296.0		31
7816.5142.0		36	7816.6461.0		29	7816.7256.0		27	7824.5296.5		31
7816.5143.0		36	7816.6461.5		29	7816.7282.0		26	7824.5297.0		31
7816.5144.0		36	7816.6462.0		29	7816.7283.0		26	7824.5297.5		31
7816.5145.0		36	7816.6462.5		29	7816.7284.0		26	7824.5298.0		31
7816.5169.0		36	7816.6473.0		33	7816.7285.0		26	7824.5298.5		31
7816.5170.0		36	7816.6473.5		33	7816.7286.0		26	7824.5314.0		31
7816.5171.0		36	7816.6474.0		33	7816.7287.0		26	7824.5314.5		31
7816.5172.0		36	7816.6474.5		33	7816.7288.0		26	7824.5315.0		31
7816.5173.0		36	7816.6481.0		29	7816.7289.0		26	7824.5315.5		31
7816.5174.0		36	7816.6481.5		29	7816.7290.0		26	7824.5316.0		31
7816.5175.0		36	7816.6482.0		29	7816.7468.0		32	7824.5316.5		31
7816.5176.0		36	7816.6482.5		29	7816.7469.0		32	7824.5317.0		31
7816.5232.0		31	7816.6487.0		33	7816.7470.0		32	7824.5317.5		31
7816.5234.0		31	7816.6487.5		33	7816.7471.0		32	7824.5318.0		31
7816.5236.0		31	7816.6488.0		33	7816.7472.0		32	7824.5318.5		31
7816.5238.0		31	7816.6488.5		33	7816.7473.0		32	7824.5370.0		34
7816.5240.0		31	7816.6495.0		29	7816.7474.0		32	7824.5371.0		34
7816.5272.0		31	7816.6495.5		29	7816.7475.0		32	7824.5372.0		34
7816.5290.0		31	7816.6496.0		29	7816.7476.0		32	7824.5373.0		34
7816.5290.5		31	7816.6496.5		29	7816.7564.0		32	7824.5374.0		34

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7824.5375.0		34	7824.6626.5		34	7832.4617.0		24	7832.5086.0		37
7824.6307.0		26	7824.6627.0		34	7832.4618.0		24	7832.5086.5		37
7824.6308.0		26	7824.6627.5		34	7832.4619.0		24	7832.5112.0		37
7824.6317.0		26	7824.6628.0		34	7832.4631.0		24	7832.5112.5		37
7824.6318.0		26	7824.6628.5		34	7832.4633.0		24	7832.5113.0		37
7824.6326.0		32	7824.6630.0		34	7832.4641.0		24	7832.5113.5		37
7824.6327.0		32	7824.6630.5		34	7832.4641.5		24	7832.5114.0		37
7824.6357.0		26	7824.6632.0		34	7832.4642.0		24	7832.5114.5		37
7824.6358.0		26	7824.6632.5		34	7832.4642.5		24	7832.5115.0		37
7824.6367.0		26	7824.6807.0		35	7832.4643.0		24	7832.5115.5		37
7824.6368.0		26	7824.6811.0		35	7832.4643.5		24	7832.5116.0		37
7824.6376.0		32	7824.6816.0		30	7832.4644.0		24	7832.5116.5		37
7824.6377.0		32	7824.6821.0		30	7832.4644.5		24	7832.5123.0		37
7824.6407.0		28	7824.6924.0		28	7832.4647.0		25	7832.5127.0		37
7824.6408.0		28	7824.6925.0		28	7832.4648.0		25	7832.6309.0		26
7824.6414.0		32	7824.6926.0		33	7832.4649.0		25	7832.6310.0		26
7824.6425.0		33	7824.6927.0		33	7832.4651.0		25	7832.6319.0		26
7824.6425.5		33	7824.7032.0		33	7832.4651.5		25	7832.6320.0		26
7824.6426.0		33	7824.7033.0		33	7832.4652.0		25	7832.6328.0		32
7824.6426.5		33	7824.7034.0		33	7832.4652.5		25	7832.6329.0		32
7824.6433.0		28	7824.7043.0		28	7832.4653.0		25	7832.6330.0		26
7824.6433.5		28	7824.7120.0		33	7832.4653.5		25	7832.6331.0		26
7824.6434.0		28	7824.7121.0		33	7832.4654.0		25	7832.6332.0		26
7824.6434.5		28	7824.7146.0		35	7832.4654.5		25	7832.6333.0		26
7824.6437.0		34	7824.7147.0		29	7832.4656.0		25	7832.6334.0		26
7824.6437.5		34	7824.7178.0		26	7832.4656.5		25	7832.6335.0		26
7824.6438.0		34	7824.7179.0		26	7832.4657.0		25	7832.6336.0		26
7824.6438.5		34	7824.7180.0		26	7832.4657.5		25	7832.6337.0		26
7824.6441.0		29	7824.7181.0		26	7832.4658.0		25	7832.6338.0		32
7824.6441.5		29	7824.7182.0		26	7832.4658.5		25	7832.6339.0		32
7824.6442.0		29	7824.7183.0		26	7832.4659.0		25	7832.6340.0		32
7824.6442.5		29	7824.7184.0		26	7832.4659.5		25	7832.6341.0		32
7824.6447.0		33	7824.7185.0		26	7832.4661.0		25	7832.6359.0		26
7824.6447.5		33	7824.7201.0		27	7832.4662.0		25	7832.6360.0		26
7824.6448.0		33	7824.7202.0		27	7832.4663.0		25	7832.6369.0		26
7824.6448.5		33	7824.7203.0		27	7832.4665.0		25	7832.6370.0		26
7824.6455.0		28	7824.7204.0		27	7832.4665.5		25	7832.6378.0		32
7824.6455.5		28	7824.7208.0		28	7832.4666.0		25	7832.6379.0		32
7824.6456.0		28	7824.7217.0		27	7832.4666.5		25	7832.6380.0		26
7824.6456.5		28	7824.7218.0		27	7832.4667.0		25	7832.6381.0		26
7824.6459.0		34	7824.7247.0		27	7832.4667.5		25	7832.6382.0		26
7824.6459.5		34	7824.7248.0		27	7832.4668.0		25	7832.6383.0		26
7824.6460.0		34	7824.7249.0		27	7832.4668.5		25	7832.6384.0		32
7824.6460.5		34	7824.7250.0		27	7832.4671.0		25	7832.6385.0		32
7824.6463.0		29	7824.7257.0		27	7832.4672.0		25	7832.6409.0		28
7824.6463.5		29	7824.7258.0		27	7832.4673.0		25	7832.6410.0		28
7824.6464.0		29	7824.7292.0		26	7832.4674.0		25	7832.6415.0		32
7824.6464.5		29	7824.7293.0		26	7832.4700.0		24-38	7832.6511.0		29
7824.6475.0		33	7824.7294.0		26	7832.4700.1		38	7832.6511.5		29
7824.6475.5		33	7824.7295.0		26	7832.4700.4		38	7832.6512.0		28
7824.6476.0		33	7824.7296.0		26	7832.4705.0		24-38	7832.6512.5		28
7824.6476.5		33	7824.7297.0		26	7832.4705.1		38	7832.6525.0		33
7824.6483.0		29	7824.7298.0		26	7832.4705.4		38	7832.6525.5		33
7824.6483.5		29	7824.7299.0		26	7832.4710.0		24-38	7832.6526.0		33
7824.6484.0		29	7824.7478.0		32	7832.4715.0		24-38	7832.6526.5		33
7824.6484.5		29	7824.7479.0		32	7832.5013.0		35	7832.6527.0		33
7824.6489.0		33	7824.7480.0		32	7832.5014.0		35	7832.6527.5		33
7824.6489.5		33	7824.7481.0		32	7832.5015.0		35	7832.6528.0		33
7824.6490.0		33	7824.7482.0		32	7832.5016.0		35	7832.6528.5		33
7824.6490.5		33	7824.7483.0		32	7832.5017.0		35	7832.6529.0		33
7824.6497.0		29	7824.7484.0		32	7832.5018.0		35	7832.6529.5		33
7824.6497.5		29	7824.7485.0		32	7832.5019.0		35	7832.6530.0		33
7824.6498.0		29	7824.7566.0		32	7832.5020.0		35	7832.6530.5		33
7824.6498.5		29	7824.7567.0		32	7832.5021.0		35	7832.6535.0		29
7824.6509.0		28	7824.7577.0		32	7832.5022.0		35	7832.6535.5		29
7824.6510.0		28	7824.7578.0		32	7832.5035.0		35	7832.6539.0		34
7824.6523.0		33	7832.4600.0		24	7832.5036.0		35	7832.6539.5		34
7824.6524.0		33	7832.4601.0		24	7832.5037.0		35	7832.6540.0		34
7824.6534.0		29	7832.4602.0		24	7832.5038.0		35	7832.6540.5		34
7824.6538.0		35	7832.4603.0		24	7832.5039.0		35	7832.6541.0		34
7824.6543.0		33	7832.4604.0		24	7832.5040.0		35	7832.6541.5		34
7824.6544.0		33	7832.4605.0		24	7832.5041.0		35	7832.6561.0		29
7824.6559.0		28	7832.4606.0		24	7832.5042.0		35	7832.6561.5		29
7824.6560.0		28	7832.4607.0		24	7832.5043.0		35	7832.6562.0		28
7824.6573.0		33	7832.4608.0		24	7832.5044.0		35	7832.6562.5		28
7824.6574.0		33	7832.4609.0		24	7832.5053.0		36	7832.6575.0		33
7824.6584.0		29	7832.4610.0		24	7832.5057.0		36	7832.6575.5		33
7824.6588.0		35	7832.4611.0		24	7832.5082.0		37	7832.6576.0		33
7824.6613.0		28	7832.4612.0		24	7832.5082.5		37	7832.6576.5		33
7824.6614.0		28	7832.4613.0		24	7832.5083.0		37	7832.6577.0		33
7824.6625.0		34	7832.4614.0		24	7832.5083.5		37	7832.6577.5		33
7824.6625.5		34	7832.4615.0		24	7832.5085.0		37	7832.6578.0		33
7824.6626.0		34	7832.4616.0		24	7832.5085.5		37	7832.6578.5		33

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7832.6579.0		33	7932.3008.0		40	8000.6281.4		57	8100.8215.4		66
7832.6579.5		33	7932.3013.0		40	8000.6282.0		57	8100.8216.0		67
7832.6580.0		33	7932.3020.0		40	8000.6282.4		57	8100.8216.4		67
7832.6580.5		33	7932.3021.0		40	8000.6283.0		57	8100.8218.0		67
7832.6585.0		29	7932.3022.0		40	8000.6283.4		57	8100.8218.4		67
7832.6585.5		29	7932.3023.0		40	8000.6284.0		57	8100.8219.0		68
7832.6589.0		34	7932.3024.0		40	8000.6284.4		57	8100.8219.4		68
7832.6589.5		34	7932.3025.0		40	8000.6285.0		57	8100.8221.0		68
7832.6590.0		34	7932.3027.0		40	8000.6285.4		57	8100.8221.4		68
7832.6590.5		34	7932.3029.0		40	8000.6286.0		57	8100.8222.0		69
7832.6591.0		34	7932.3031.0		40	8000.6286.4		57	8100.8222.4		69
7832.6591.5		34	7932.3033.0		40	8000.6287.0		57	8100.8223.0		69
7832.6808.0		35	7932.3035.0		40	8000.6287.4		57	8100.8223.4		69
7832.6812.0		35	7932.4001.0		40	8000.6288.0		57	8100.8224.0		70
7832.6817.0		30	7932.4002.0		40	8000.6288.4		57	8100.8224.4		70
7832.6822.0		30	7932.4003.0		40	8000.6291.0		57-58	8100.8225.0		70
7832.7048.0		33	7932.4004.0		40	8000.6292.0		57-58	8100.8225.4		70
7832.7134.0		28	7932.4005.0		40	8000.6293.0		57-58	8100.8227.0		71
7832.7134.5		28	7932.4006.0		40	8000.6294.0		57-58	8100.8227.4		71
7832.7135.0		28	7932.4007.0		40	8000.6295.0		57-58	8100.8240.0		71
7832.7135.5		28	7932.4008.0		40	8000.6296.0		57-58	8100.8240.4		71
7832.7136.0		29	7932.4013.0		40	8000.6297.0		57-58	8100.8305.1		62
7832.7136.5		29	7932.4020.0		40	8000.6298.0		57-58	8100.8306.1		62
7832.7137.0		29	7932.4021.0		40	8000.6300.0		59	8100.8307.1		63
7832.7137.5		29	7932.4022.0		40	8100.8005.0		62	8100.8308.1		63
7832.7139.0		29	7932.4023.0		40	8100.8006.0		62	8100.8309.1		64
7832.7139.5		29	7932.4024.0		40	8100.8007.0		63	8100.8310.1		64
7832.7142.0		33	7932.4025.0		40	8100.8008.0		63	8100.8311.1		65
7832.7142.5		33	7932.4027.0		40	8100.8009.0		64	8100.8313.1		65
7832.7148.0		28	7932.4029.0		40	8100.8010.0		64	8100.8314.1		66
7832.7568.0		32	7932.4031.0		40	8100.8011.0		65	8100.8315.1		66
7832.7569.0		32	7932.4033.0		40	8100.8013.0		65	8100.8316.1		67
7832.7570.0		32	7932.4035.0		40	8100.8014.0		66	8100.8318.1		67
7848.6321.0		26	8000.6252.0		59	8100.8015.0		66	8100.8319.1		68
7848.6342.0		26	8000.6253.0		59	8100.8016.0		67	8100.8321.1		68
7848.6371.0		26	8000.6253.3		59	8100.8018.0		67	8100.8322.1		69
7848.6386.0		26	8000.6254.0		59	8100.8019.0		68	8100.8323.1		69
7848.6411.0		28	8000.6254.3		59	8100.8021.0		68	8100.8324.1		70
7848.6513.0		29	8000.6255.0		59	8100.8022.0		69	8100.8325.1		70
7848.6513.5		29	8000.6255.3		59	8100.8023.0		69	8100.8327.1		71
7848.6514.0		29	8000.6256.0		59	8100.8024.0		70	8100.8340.1		71
7848.6514.5		29	8000.6256.3		59	8100.8025.0		70	8500.6251.0		52
7848.6515.0		29	8000.6257.0		59	8100.8027.0		71	8500.7909.0		52
7848.6515.5		29	8000.6257.3		59	8100.8040.0		71	8500.7910.0		52
7848.6516.0		28	8000.6261.0		57	8100.8105.0		62	8500.7911.0		52
7848.6516.5		28	8000.6261.1		57	8100.8106.0		62	8500.7912.0		52-48
7848.6517.0		28	8000.6261.2		57	8100.8107.0		63	8500.7922.0		52
7848.6517.5		28	8000.6261.3		57	8100.8108.0		63	8500.7925.0		52
7848.6518.0		28	8000.6262.0		57	8100.8109.0		64	8500.7926.0		52
7848.6518.5		28	8000.6262.1		57	8100.8110.0		64	8500.7927.0		52
7848.6563.0		29	8000.6262.2		57	8100.8111.0		65	8500.7930.0		52
7848.6563.5		29	8000.6262.3		57	8100.8113.0		65	8500.7931.0		52
7848.6564.0		29	8000.6263.0		57	8100.8114.0		66	8500.7932.0		52
7848.6564.5		29	8000.6263.1		57	8100.8115.0		66	8500.7940.0		52
7848.6565.0		29	8000.6263.2		57	8100.8116.0		67	8500.7945.0		52
7848.6565.5		29	8000.6263.3		57	8100.8118.0		67	8500.7948.0		52
7848.6566.0		28	8000.6264.0		57	8100.8119.0		68	8500.7956.0		53
7848.6566.5		28	8000.6264.1		57	8100.8121.0		68	8500.7957.0		53
7848.6567.0		28	8000.6264.2		57	8100.8122.0		69	8500.7958.0		53
7848.6567.5		28	8000.6264.3		57	8100.8123.0		69	8500.7970.0		53
7848.6568.0		28	8000.6265.0		57	8100.8124.0		70	8500.7971.0		53
7848.6568.5		28	8000.6265.1		57	8100.8125.0		70	8500.7972.0		53
7848.7149.0		28	8000.6265.2		57	8100.8127.0		71	8500.7973.0		53
7848.7429.0		26	8000.6265.3		57	8100.8140.0		71	8500.7974.0		53
7848.7430.0		26	8000.6266.0		57	8100.8205.0		62	8500.7980.0		53
7848.7431.0		26	8000.6266.1		57	8100.8205.4		62	8500.7982.0		53
7848.7433.0		26	8000.6266.2		57	8100.8206.0		62	8500.7984.0		53
7848.7440.0		28	8000.6266.3		57	8100.8206.4		62	8500.7986.0		53
7848.7530.0		26	8000.6267.0		57	8100.8207.0		63			
7848.7531.0		26	8000.6267.1		57	8100.8207.4		63			
7908.6640.1		22	8000.6267.2		57	8100.8208.0		63			
7908.6643.1		22	8000.6267.3		57	8100.8208.4		63			
7908.6646.1		22	8000.6268.0		57	8100.8209.0		64			
7908.6648.1		22	8000.6268.1		57	8100.8209.4		64			
7908.6667.1		22	8000.6268.2		57	8100.8210.0		64			
7908.6668.1		22	8000.6268.3		57	8100.8210.4		64			
7932.3001.0		40	8000.6272.0		59	8100.8211.0		65			
7932.3002.0		40	8000.6273.0		59	8100.8211.4		65			
7932.3003.0		40	8000.6274.0		59	8100.8213.0		65			
7932.3004.0		40	8000.6275.0		59	8100.8213.4		65			
7932.3005.0		40	8000.6276.0		59	8100.8214.0		66			
7932.3006.0		40	8000.6277.0		59	8100.8214.4		66			
7932.3007.0		40	8000.6281.0		57	8100.8215.0		66			



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