

PROCON INDUSTRIAL CONNECTORS FOR INDIVIDUAL REQUIREMENTS



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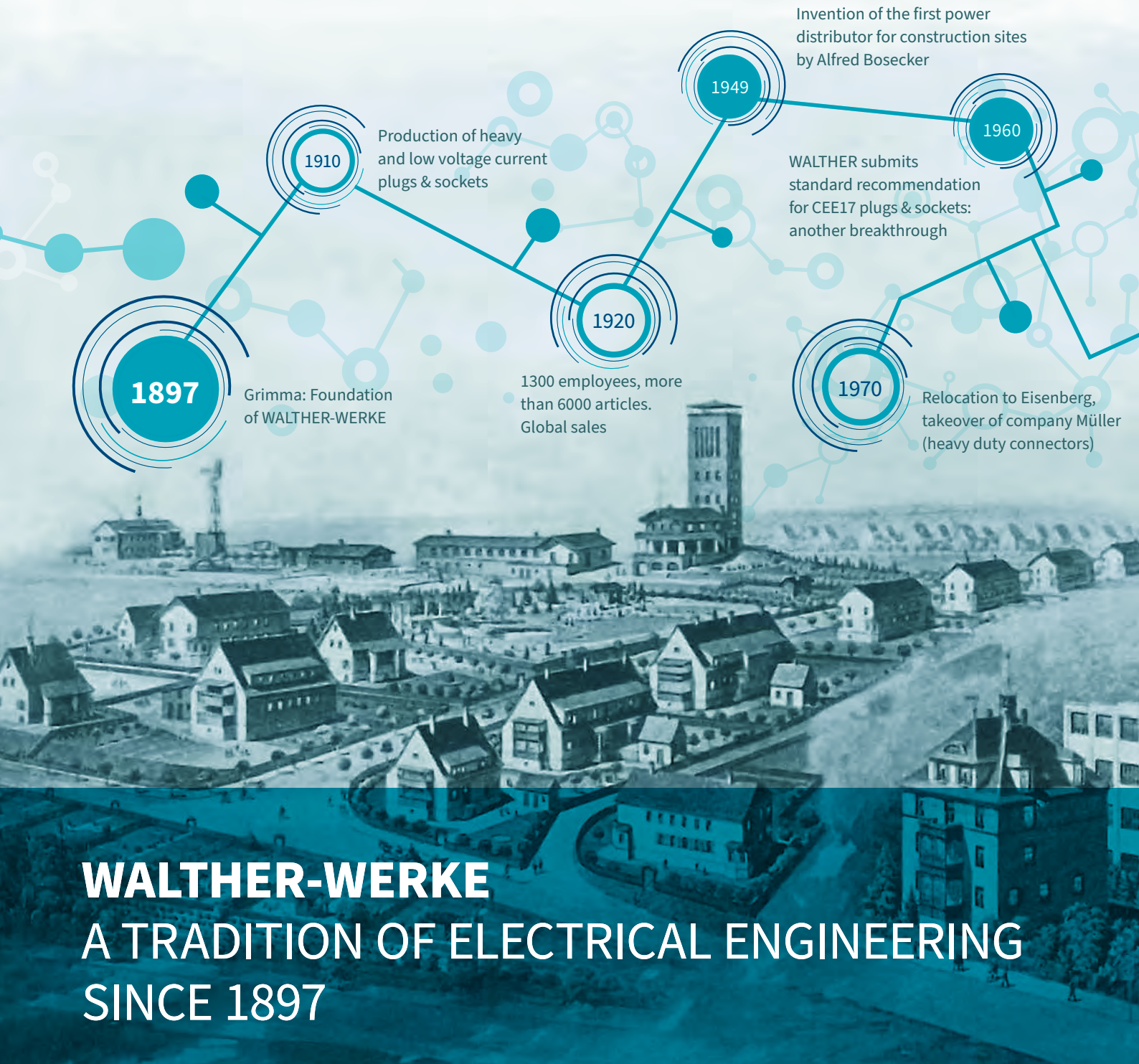
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Update: www.walther-werke.de

For prices please refer to our current trade price list.

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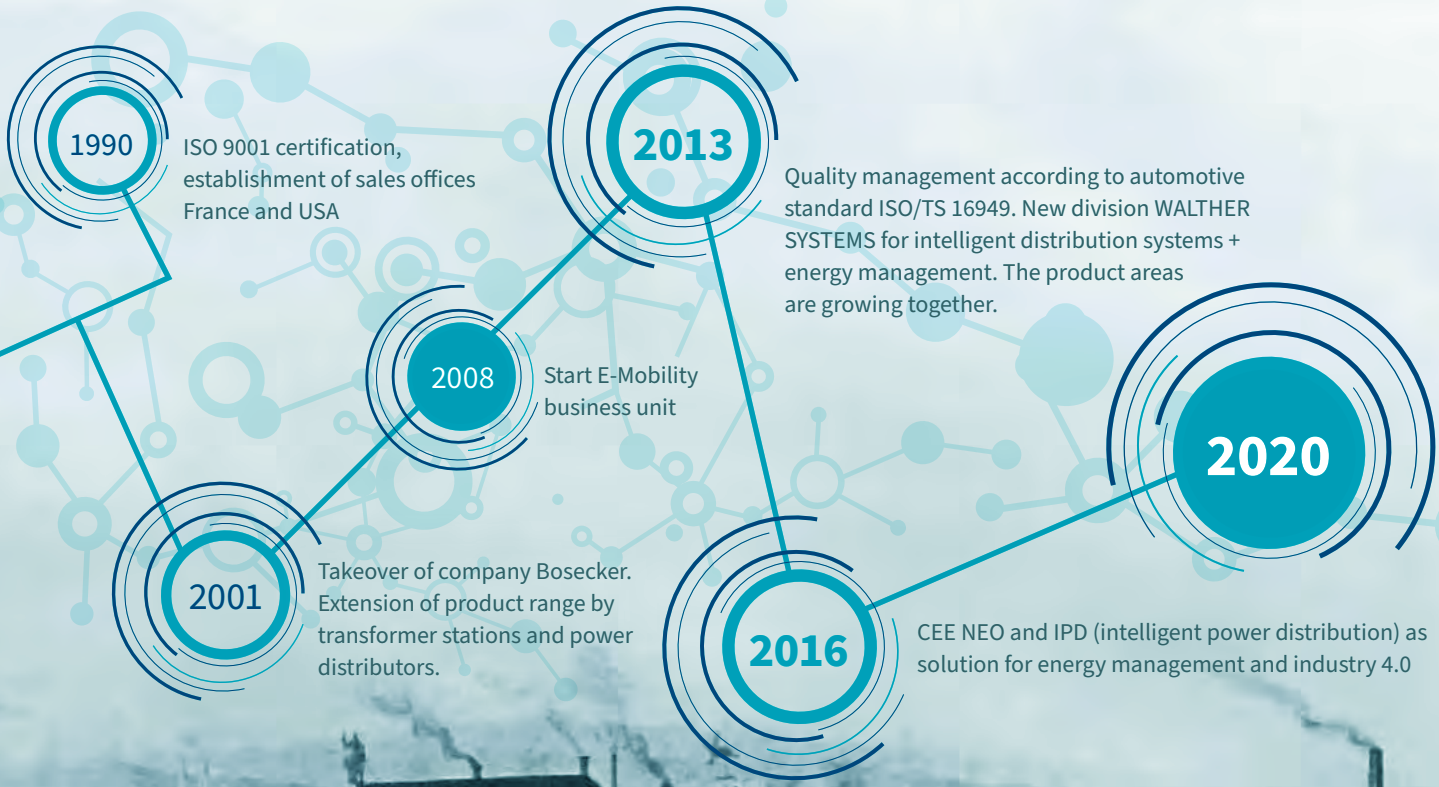




1897 – Ferdinand Walther founds WALTHER-WERKE. Since this time, the world has changed dramatically. After the second and third industrial revolutions, we are now entering the fourth: Industry 4.0. In the world of work and in our everyday lives, far-reaching changes are on the way. During such dynamic times, reliable partners are needed who are working now to prepare for the future.

WALTHER-WERKE have over hundred and twenty years of experience and are the experts in low voltage distribution. Since it was first founded, the company has proven its excellence time and time again at providing products and solutions for present-day and future needs. Adaptation and innovation are therefore part of WALTHER's DNA. So it is no coincidence that key innovations, such as the construction site power distributor in the 1940s and the CEE type plug connector in the 1960s were inventions by WALTHER-WERKE.

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Today, the Group as a whole employs more than 400 people in the development, production and marketing of CEE type plug and socket connections, plug and socket combinations, industrial plug connectors, electromobility charging infrastructure, power distributors, and transformer stations.

As a company with a global presence, WALTHER-WERKE is represented with its products and services on all of the world's core markets. In addition to more than 60 independent sales partners, the WALTHER Group has fully-owned subsidiaries in the USA, the UK, France, and Austria. These are primarily represented on the markets with sales and in some cases production activities, with the aim of providing our customers and partners with the best possible service.



Festivals / marketplaces



Hotel / catering industry



Energy suppliers



Construction

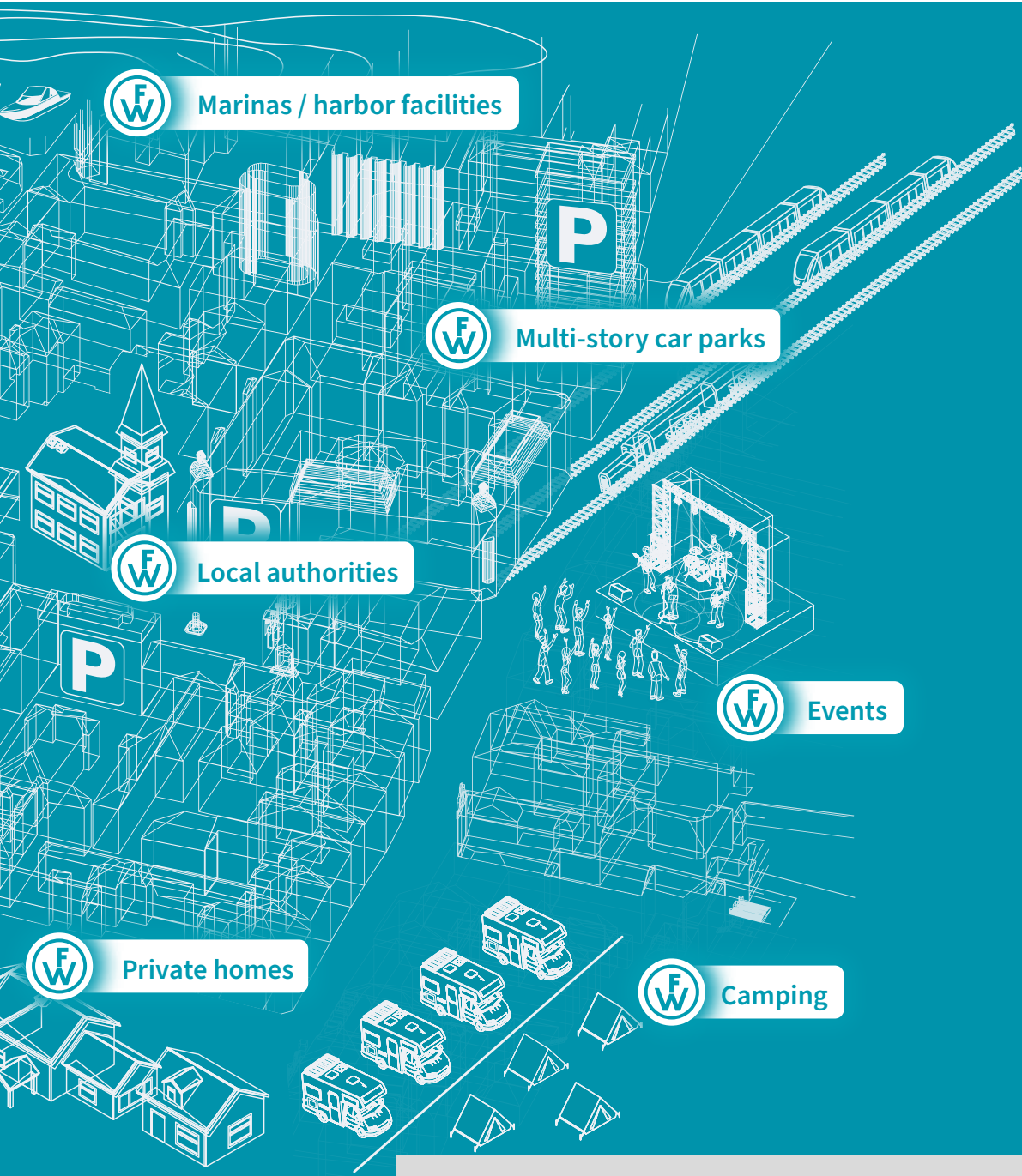


Industry / OEM



GROWING COMPLEXITIES CALL FOR INDUSTRY EXPERTISE

Providing energy to our economies efficiently is going to become one of the key challenges over coming decades. Raw materials are dwindling, yet demand is growing significantly. Subjects such as environmental protection, safety and cost-effectiveness are moving increasingly into focus. Technological developments and complexities in terms of content are growing at a rapid pace across all areas of application. The concentration and training of expertise is therefore essential if we are to overcome the challenges of the future.



F W Marinas / harbor facilities

F W Multi-story car parks

F W Local authorities

F W Events

F W Private homes

F W Camping

WALTHER-WERKE have made this their maxim. Comprehensive system expertise in selected areas of application is at the heart of our strategic focus. Our mission: To link electrical consumers with the energy supply network, primarily in the areas of construction, leisure, industry and mobility. To do this, we use our unique portfolio of products comprising transformer stations, power distributors, plug and socket combinations and plug systems that are tailored to their application.

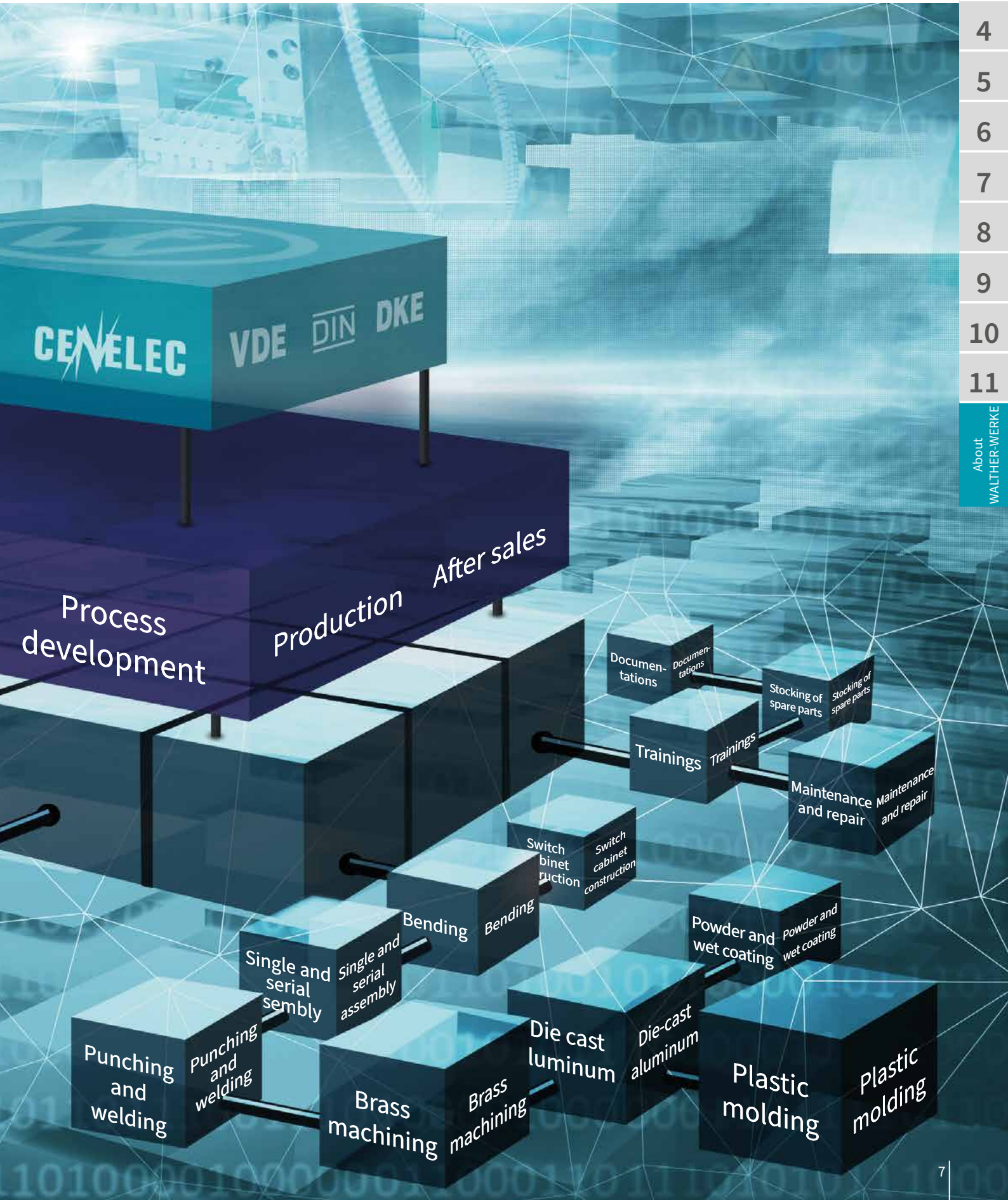
Combined with over 100 years of experience in the field of power distribution, a consistent focus on customer service and high-quality solutions, we want to provide our partners with the maximum benefits possible. Leading energy suppliers, automotive manufacturers, construction companies and industrial firms, as well as operators of campsites or yachting and container harbors, as well as organizers of events worldwide, therefore trust our solutions.

EXPERTISE AND COMMITMENT

WALTHER-WERKE have traditionally had a high degree of vertical integration when it comes to production. This means that virtually all of the key products are manufactured at German production sites. This allows us to guarantee our customers maximum flexibility, quality and most importantly technological expertise. WALTHER can handle every kind of customer request. From the creation of product and functional requirements in consultation with our customers and the development, design and creation of tools to products validated by our own, in-house testing laboratory: All from a single source. Components that we do not make ourselves are obtained exclusively from renowned, high-quality manufacturers with whom we have long-standing partnerships. After all, these components end up in a WALTHER product – and so we bear the responsibility for our customers' satisfaction.

But we don't just work under our own roof. WALTHER-WERKE's tradition also includes assuming an honorary role when working and taking responsibility with associations, as well as national and international standardization committees. This means we are able to contribute our extensive product and system expertise to the standardization process and also to ensure the advice we give to our customers always reflects the most up-to-date information.





CENELEC VDE DIN DKE

Process development

Production After sales

Documentations

Trainings

Stocking of spare parts

Maintenance and repair

Switch cabinet construction

Bending

Single and serial assembly

Powder and wet coating

Die cast aluminum

Plastic molding

Punching and welding

Brass machining





INTEGRATED MANAGEMENT SYSTEMS ENSURE CUSTOMER-FOCUSED PROCESSES

Quality and quality management at WALTHER-WERKE means much more than mere product quality in the form of value and reliability. For us, quality management is an holistic management approach and is expressed in all of the company's activities.

By taking this approach, not only do we target quality assurance, but most importantly we aim to continuously improve all of our processes, regardless whether they are value-creating or supportive – and always with the goal of maximum customer satisfaction. Quality begins with the documentation of customers' and market needs and continues to include product development (FMEA, APQP etc.) through to the entire life cycle of our products. Processes must be measurable in terms of efficiency and effectiveness, and therefore steerable. For us, this comprehensive quality management forms the foundations of long-term, successful commercial relationships with our partners.

Our production has established a lean management system, the 'WALTHER-WERKE production system (PS)', declaring war on loss and waste.

Today we have a modern and regionally referenced production system which, through consistent shop floor management, represents all of the relevant performance indicators in a cascaded manner and optimizes them continuously through problem-solving methods in combination with a broad-based lean methods toolkit (SMED, One Piece Flow, Kanban, TPM, value stream design etc.) to benefit our customers. Skilled CIP teams work daily to improve our processes and integrate ideas from all employees regarding the best solutions. Lean management, and therefore ongoing continuous improvement (CIP), has therefore matured into part of the corporate culture nowadays at WALTHER.

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About
WALTHER-WERKE

SALES: GLOBAL PRESENCE FOR MAXIMUM CLOSENESS TO THE CUSTOMER

Our slogan, “Your best connection” should be regarded not just as the overriding principle for the best connection technology, but also in particular counts as an incentive and inspiration in our interactions with customers to guarantee a reliable and trusting “connection” at all times. It is only through close communication with our customers that tailor-made solutions even become possible. A dense global sales network, comprising four of our own subsidiaries

and 60 international branches across all continents highlights our ambition to satisfy our customers’ wishes through expertise and closeness to the market. We are not interested in short-term successes, preferring instead partnerships of many years’ continuous standing that play a vital role in our customers’ strategic focus and which therefore represent an essential element of their added value process.



BOSECKER VERTEILERBAU SACHSEN GMBH,
ZITTAU



WALTHER-WERKE FERDINAND WALTHER
GMBH, WALTHER SYSTEMS, LEIPZIG



F. WALTHER ELECTRIC CORP,
USA

We regard ourselves as the ideal partner to the electrical trade and as a systems supplier to the industry and construction sector. To ensure the availability of our products at all times, we also use the logistical opportunities made available to us by our electrical wholesale partners. The satisfaction of our customers lies at the heart of everything we do. Worldwide, with high-quality products and flawless service worthy of the label "Made in Germany".



WALTHER-WERKE, EISENBERG



F. WALTHER ELECTRICS LTD,
UNITED KINGDOM



F. WALTHER SARL,
FRANCE

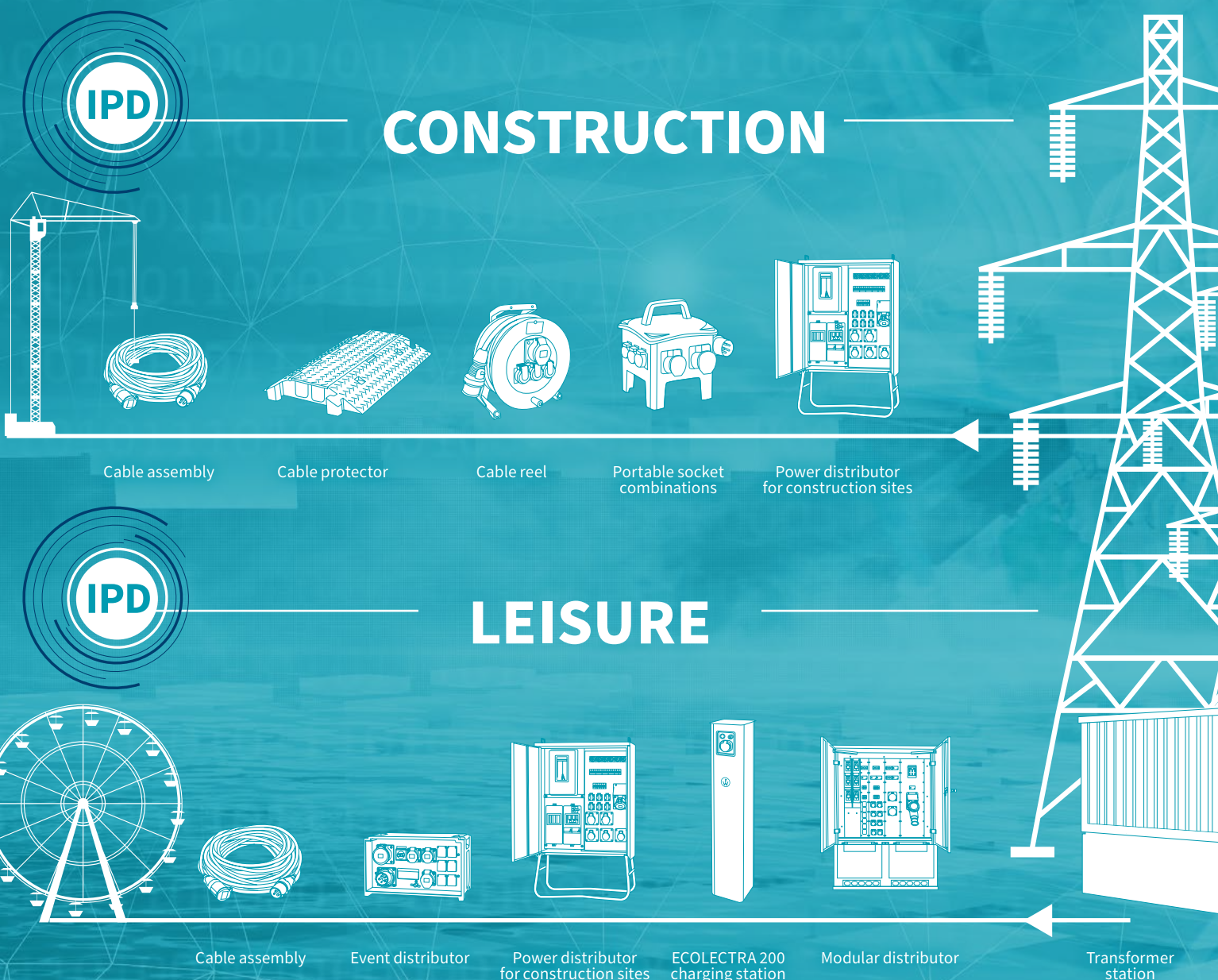


WALTHER ELECTRIC GMBH,
AUSTRIA

WALTHER-WERKE – CREATING CONNECTIONS BETWEEN ELECTRICAL CONSUMERS, CUSTOMERS AND THE ENERGY SUPPLY NETWORK

We offer comprehensive solutions for power distribution from medium voltage upwards and bring these to the consumer. Whether it be construction cranes, electric cars, industrial systems or camper vans – with static and mobile transformer stations and switchgear, we transform or switch low voltage to a maximum of 400 V. The decentral distribution then takes place via a broad selection of very different primary, sub and terminal distributors for all kinds of temporary or static applications. The great thing about it is that the power distribution is scalable and can be expanded at any time to reflect the real energy demand.

The “handover point” to consumers takes the form of CEE type plug and socket connections, industrial plug connectors and charging connections for electromobility. These are “Made by WALTHER”. This means everything from a single source, and everything is linked; designed to offer the maximum service life, in even the harshest environmental conditions.



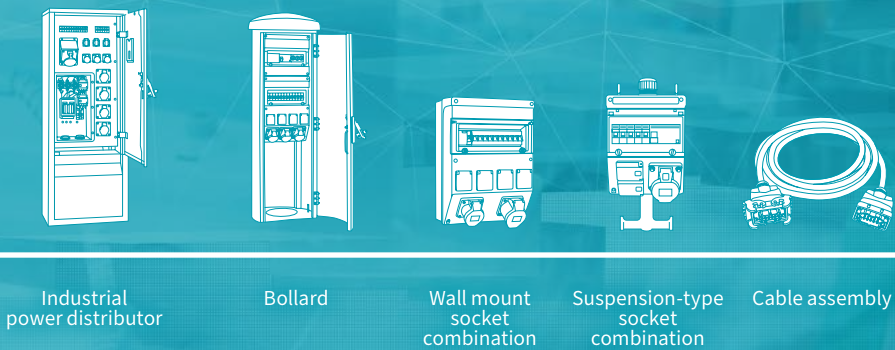
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About
WALTHER-WERKE

The unique breadth and depth of its product portfolio means that WALTHER-WERKE is able to design perfectly coordinated, comprehensive solutions and systems for its customers. The advantage for our customers most importantly lies in the fact that there is only one contact responsible for the entire project, with all of its overall system requirements.

This means that customers are spared the laborious task of compiling the individual components themselves. Even if the needs increase later or if there are other technical challenges, there is only ever one contact. Thanks to their system expertise, this contact will be able to offer effective and efficient solutions quickly.

INDUSTRY



Industrial power distributor

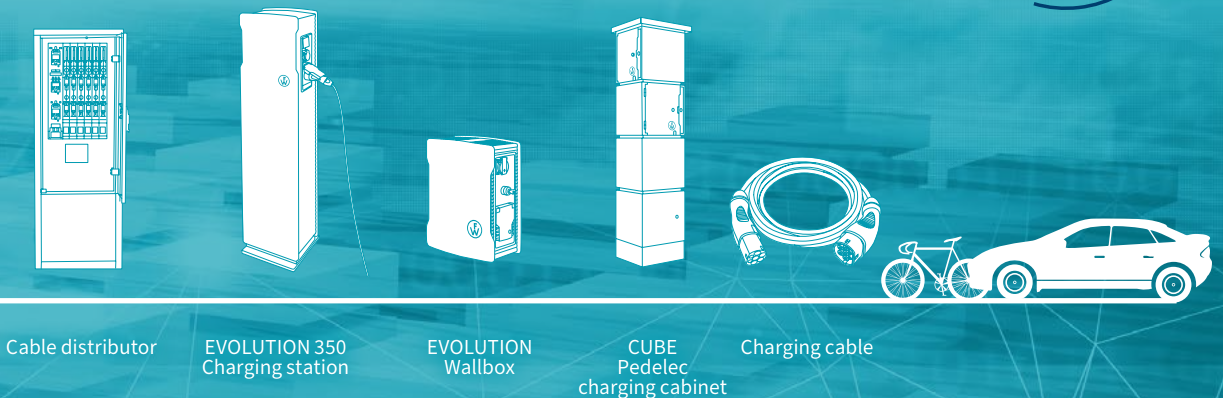
Bollard

Wall mount socket combination

Suspension-type socket combination

Cable assembly

MOBILITY



Cable distributor

EVOLUTION 350 Charging station

EVOLUTION Wallbox

CUBE Pedelec charging cabinet

Charging cable

SIGNAL AND POWER TRANSMISSION WITH PROCON INDUSTRIAL CONNECTORS

The industrial connector range is made up of housings and inserts. Wall mount, panel and coupler hoods, as well as hoods of the A3-A32 and B6-B48 series are available in aluminum, zinc and plastic. All series can be equipped with different types of locking systems (double, single, and central locking systems).

The glass-fiber reinforced plastic inserts can accommodate from 3 to 280 contacts and be designed as crimp, screw, push-in or IDC connections. Depending on the inserts' use, special high-current, high-voltage or high-temperature inserts are available. If using modular inserts, up to 80 A or 1,000 Volt can be transferred. The system also offers the option of using coaxial, RJ45, universal or Profi bus and pneumatic modules.





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Technical
Information

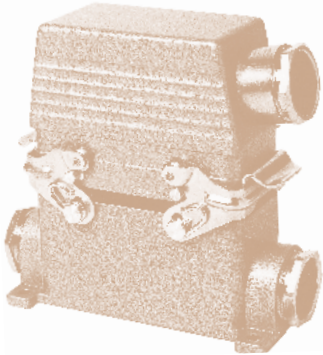
Inserts

Series	3-poles up to 280-poles		Ampere	Volt AC	Number of poles	Terminal type	Terminal cross section in mm ²
	Sleeve	Pin					
A			10 10	250/400 V 250/400 V	3 - 32 5 - 32	Screw Crimp	0.5 - 1.5 0.14 - 2.5
B			16 16 16	500 V 500 V 500 V	6 - 48 6 - 48 6 - 48	Screw Push-in Stripped	0.5 - 2.5 0.5 - 2.5 0.5 - 2.5
BB			16	500 V	10 - 92	Crimp	0.14 - 4.0
BHT			16	500 V	6 - 24	Screw	0.5 - 2.5
BA			35	690 V	6 - 12	Srew	0.5 - 6.0
BV			16	690 V	3 - 32	Srew	0.5 - 2.5
D			10	250 V	7 - 128	Crimp	0.14 - 2.5
DD			10	250 V	24 - 216	Crimp	0.14 - 2.5
MO			max. 80	max. 1000 V	3 - 280	Srew Crimp	0.09 - 10.0

Connection types

			
Contact carrier Crimp terminal 0.14 - 4 mm ²	Screw type terminal 0.5 - 2.5 mm ² Screwdriver bit: Pozidriv PZ 0 (series A) Pozidriv PZ 1 (series B)	Screwless connection (IDC terminals) 0.5 - 2.5 mm ²	Push-in connection (Push wire design) 0.5 - 2.5 mm ²
Contact carriers Material: Temperature range Flame class rating Mechanical operating life	Standard glass-fiber reinforced polyamide -40 °C up to +125 °C V0 ≥500 mating cycles	Special version highly heat resistant polyamide up to +180 °C ≥500 mating cycles	
Contacts Material: Surface:	Standard copper alloy hard silver-plated 3 μm Ag, hard gold-plated 2 μm Au placed on top of 3 μm Ni		

THE PROCON INDUSTRIAL CONNECTORS SYSTEM



The rapid economic development in the fifties of the past century – especially in the construction of machines and industrial plants – required a so far unknown flexibility. The continuous adaptations to the "latest state of the art" required a quick changeover to modified or new devices.

It soon became obvious that only automated plants could provide the necessary precision and quality. Automated processes within machines and systems required equipment which was able to permanently control the processes and update the measuring data. The wiring systems used previously were no longer able to meet these requirements.

This led to the development of rectangular heavy duty connectors. This type of construction offers the best possible use of space for different contact arrangements which determine the different series. In addition, the rectangular form is ideal for an easy and space-saving assembly in machine recesses, in profile steels and switch cabinets.

To receive a complete connector, the following individual components have to be ordered:

Female insert

with screw or crimp terminals (*please order contacts separately*), insulation displacement connection or push-in terminals (spring clamps).

Male insert

with screw or crimp terminals (*please order contacts separately*), insulation displacement connection or push-in terminals (spring clamps).

Hoods

Low or high design, with side or top cable entry 2 locking levers.

Housing base

- Panel housing, with or without protective cap, made of plastic or metal, with 1 or 2 locking levers.
- Wall mount housing, low or high design, with or without protective cap, made of plastic or metal, with 1 or 2 locking levers, with 1 or 2 cable outlets
- Coupler hoods for flying connections

Accessories

Various cable glands, separately available protective caps, coding pins and guiding pins for coding



Within the PROCON industrial connector system, one housing is not only assigned to one series. Rather, the system can accommodate sleeve contact carriers or pin contact carriers of different series.

Instead of plugs and sockets, housings for female or male contact carriers are used. Thus, the electrical designer can always apply the potential to a sleeve contact in case of reverse voltage danger in open controllers.

The PROCON series differ regarding their rated electrical characteristics. Specifications like rated current, rated voltage, rated surge, pollution degree, contact resistance, and temperature range are determined by the design of the contact carriers.

For details please refer to the specification sheets of the individual series. Basic similarities are the termination methods, which apply to all series.

Regulations and Approvals

PROCON connectors are produced in compliance with:

DIN VDE 0627
 DIN VDE 0110
 IEC 60 664-1
 DIN EN 61 984
 DIN EN 60 529
 DIN EN 175 301-801
 DIN/IEC 512

CE marking

Acc. to the European Commission, as electronic components, PROCON industrial connectors do not have to be identified with the CE mark (Guidelines on the Application of Council Directive 73/23/EEC - July 1997).

The majority of the PROCON industrial connectors listed currently have the following approvals, some of which are valid for several countries:



Advantages of PROCON Industrial Connectors



- easy operation due to ingenious locking system
- ergonomically designed handles
- large wiring space - due to different housing sizes
- clearly legible black contact numbers on the inserts
- open, captive screws for easy mounting of contact inserts
- housings with high-quality powder coating
- easy and space-saving assembly in machine recesses, profile steels and switch cabinets
- fixing dimensions indicated on the housing base
- Plant components can be mounted independently at different locations and then be assembled on-site. Then all electric connections only have to be plugged together
- various coding options for PROCON connectors with the same number of poles and series absolutely prevent incorrect connection
- Parts of a system can be easily removed for maintenance tasks or for testing at other locations and can be quickly replaced if required
- With PROCON industrial connectors the on-site startup of plants can be precisely scheduled.
- Quality assurance acc. to DIN EN ISO 9001
- made in Germany



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Technical Information

Application areas of PROCON Industrial Connectors

PROCON industrial connectors are used in process measuring and control technology as well as in machinery and plant engineering. The connectors are used for power supply and control in equal measure. They are also used for tasks in lighting and stage technology.

PROCON industrial connectors also serve as interfaces for PCs and diagnostic equipment to transmit operating or monitoring data during the system's operation.



e.g. switch cabinet design

Screw mountable hoods

This alternative does not require the installation of a panel housing. Two inexpensive mounting flanges are attached to the switch cabinet wall using two screws. Next, the insert is mounted in the flanges, the assembled hood is slipped on and fastened using two M6 screws. Protection degree IP68. Available either with top or side cable entry on the hood.

Adapter and cover plates

Standardization in the switch cabinet sector has also involved new developments in the sector of industrial connectors. The advantage of the plug-in system can be ensured only if the panel can be removed from the switch cabinet. Therefore, it is necessary that all connections can be easily disconnected from the panel and that the designations on the panels are clearly defined (interfaces, e.g. V 24, RS 485). For this purpose, adapter plates for subminiature connectors are used, which make it possible to mount the contact carriers into the PROCON housing.

The disconnectable outlets from the switch cabinets are carried out with panel housings. The switch cabinets have side walls with pre-punched rectangular cutouts for the panel housing B 24. If panel housings of other series are required, they can be adapted to the existing cutout by means of adapter plates. Additionally cover plates can be used, which enable a later upgrade of the switch cabinet.

Wiring adapter, Combi snap element

Special contact carriers with wiring adapters are available for the panel housings. They allow direct measuring during operation, they are clear to mark and easily accessible. Together with the combi snap element, the wiring adapters can be mounted on DIN rails and are therefore suitable for use inside the switch cabinets.

Snap-on mounting adapters

Snap-on mounting adapters replace terminal blocks at those locations where the exits lead to peripheral sub-assemblies or components. Like terminal blocks, they can be mounted on DIN rails. A particular advantage is the swiveling contact carrier mounting plate, which allows completely unobstructed access to the terminals of the contact carriers when swiveled out, thus enabling measurements during operation. In addition, the base of the snap-on mounting adapter offers enough space to accommodate assigned electronic units like optocouplers, protective diodes, filters, and similar functions.

The biggest advantage is a disconnectable but nevertheless safe connection of male and female insert.

PROCON housings

Permanently installed housings

- Wall mount housings with one or two cable entries
- Panel housings with one opening in the bottom for installation in the switch cabinet



The user can choose from a large number of different housing heights. On the one hand, in order to provide a sufficiently large connection space for large conductor cross-sections, and on the other hand, so that the heat loss that occurs is dissipated via the larger surface area of the connection space.

Double width PROCON housing (series A 32, B 32 and B 48) for universal applications allow the accommodation of two contact inserts/carriers - e.g. two series BA 6 inserts or one series DD 72 insert - together in one housing. This allows for example the simultaneous transmission of 6 x 35 A power and 72 x signal or control impulses.

Independent housings

- Hoods
- Coupler hoods

Locking systems

Within the different series, PROCON housings are also available with various locking systems. Therefore, the user can choose the suitable locking systems for his requirements. These locking systems are available:

- Double locking system, IP 65
- Single locking system, IP 65
- Central locking system, IP 65
- Screw locking system, IP 68
- Bayonet locking system, IP 67

The levers of the double and single locking system can be attached at the housing bases. Housing bases with double locking system can only be covered with loose protective covers.

On housing bases with single locking lever, the protective cover (plastic or aluminum) can be fixed with hinges and it can be closed tightly with a single locking lever if the connection is separated.

On the housings with central locking system, the locking lever is mounted on the top part - this saves space and is ideal for side-by-side arrangements. No protective covers are available here.



The screw lock (two M 6 screws) is fastened with a screwdriver. Since tools are required, this makes it difficult for unauthorized persons to open the device. Here, protective covers are available, both for the switch cabinet and the hoods.

On housing tops, also double locking levers can be attached. These can be snapped onto the latch pins of the housing bases. Furthermore, protective covers can be fixed with hinges on the housing bases. These covers, however, are not lockable.



Termination methods



Screw type terminal with wire protection

prevents the slipping out and cutting off of wires in a flexible cable.

Screw type terminal without wire protection

is used in installations with pre-wired cables with pin cable lugs or crimp type pin terminals.

The screw terminal is quick and easy to operate and therefore the most widely used.

The quality of the connection, however, depends very much on the thoroughness of the user. In addition, strong vibrations can also influence the quality of the screw connection.



Crimp terminal

At present, the most perfect way to establish electrical connections is with crimp technique.

Conductors and contacts are exactly coordinated to each other; the crimping tool can be adjusted exactly to the conductor cross section. This ensures that the electrical connection is always uniform and, in case of doubt, reproducible and independent of the user. The crimp is gas-tight, preventing oxygen from entering at the current transfer point; this prevents any corrosion and ensures a constantly low contact resistance.

Crimp connections can be made manually, semi-automatically or fully automatically. There are crimp contacts without stop spring (the stop spring is mounted into the contact carrier), and crimp contacts with stop spring (the stop spring is mounted on the contact).



Crimping tools
see Accessories chapter



IDC terminals

When using inserts with IDC* terminals, the cable – which has not been stripped – is simply inserted into the opened contact sleeve. Now, the slider with build-in blade is pushed shut (using a screwdriver) - done.

Coding

In addition to the known coding systems there is a simple and inexpensive plug-in coding part available. Depending on the size of the pin or sleeve insert, you can use two, four or eight coding pins.



The advantages at a glance

- no stripping of wires
- no wire end ferrules
- no screws

Saves up to 60% connection time

- Testing point inside the slide
- No splitting of wires when using flexible conductors
- Compatible with screw and crimp contact inside inserts of series B

* IDC = *Insulation displacement connection*



Push-in terminal

Inserts with push-in terminals have a square wire entry (not rectangular); thus, the wire can be inserted either way.

Flexible wires with wire end ferrule or rigid wires can be plugged directly into the push-in contact inserts, without any tools.



Coding

As in the case of inserts with insulation displacement technology, coding is also carried out by means of simple and inexpensive plug-in coding.

The advantages at a glance

- square wire entry
- 2 mm testing point
- reduced time & effort when connecting wires
- easy, quick and inexpensive coding
- screws made of stainless steel (V2A)

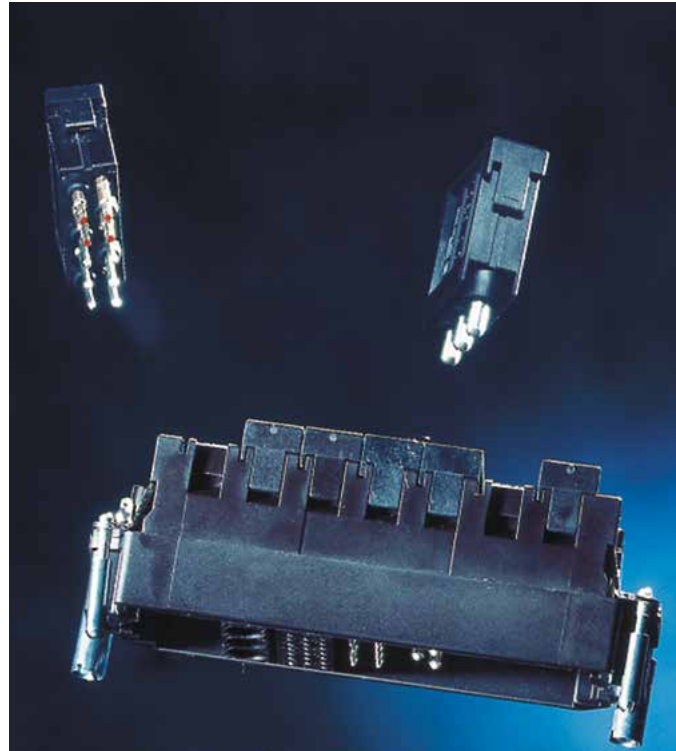


Glass fiber cable connections

Decentralization with a system and yet holistic automation also requires pluggable connections with a system. Master slaves take over peripheral tasks from plant parts which do not only have to be provided with power but which also must have a data connection to the control center.

There are considerable environmental influences along the data line when data is transferred. Data must not be distorted or get lost. The use of glass fiber cables guarantees the maximum transmission of bulk data quantities.

Many control techniques - like fieldbus systems - are increasingly using optocouplers for glass fiber cable transmission. When setting up fieldbus structures, a distinction is made between line, ring, star or tree wiring. For glass fiber cable applications, preferably star wiring is used in order to prevent signal losses.



PROCON industrial connectors are available for interconnecting the peripheral equipment with power and control. They provide the possibility of simultaneously transmitting power in one unit, transmitting control pulses via copper wires and establishing light wave connections in POF technology. Pluggable in a single unit.

For the optical data transmission in systems, Polymer Optical Fibers (POF) are suitable. The attenuation is about 0.3 dB/m at a wave length of 660 nm.

By comparison: pure quartz glass has 0.007 dB/m at a wave-length of 850 nm. This is due to the significantly higher inhomogeneity of the plastic fiber.

With a transmission rate of 93.75 k bit/s to 1.5 M bit/s, the usual bus requirements are completely covered.

In view of electromagnetic compatibility and for short distances, there is a wide range of application possibilities, especially for glass fiber cables.

Special features of transmissions with fiber optics

- galvanic isolation
- no equipotential bonding currents
- no interference or cross-talk
- high transmission rate and speed
- highest safety in the explosion-proof sector
- no interference through external magnetic fields
- small cable diameter and light weight
- very easy stripping of POF cable

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Technical
Information

Technical Information

General information

When selecting connectors, it is not only current or voltage ratings that need to be considered, but also functionality and number of contacts. Consideration of the place of application and the prevailing installation conditions there is also of great importance. This means that depending on the installation conditions according to the standardization, there can be different voltage and current indications for one connector.

Technical terms

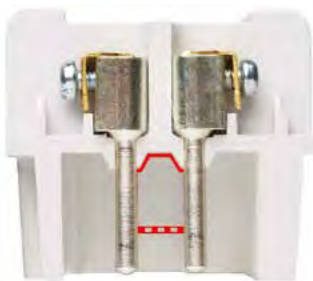
Clearance



Shortest distance in the air between two conducting parts (see DIN VDE 0110-1, section 1.3.2). The clearances are predetermined by the rated surge.

Creepage distance

Shortest distance along the surface of an insulating material between two conducting parts (see DIN VDE 0110-1, section 1.3.3).

The creepage distances depend on the rated voltage, the pollution degree and the properties of the insulating material.



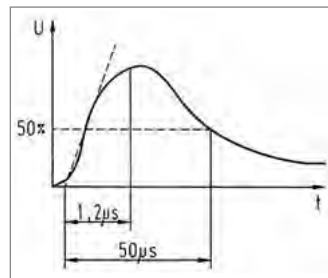
 Creepage distance
 Clearance

Rated voltage

Fixed voltage value to which working value and power value are referenced. A connector may have more than one value of the rated voltage or one range of the rated voltage.

Rated surge

The rated surge is determined by means of the surge category and the rated voltage of the network. It directly determines the value of the tests for surge withstand capacity of the connector (*voltage in wave form in 1.2/50 μ s acc. to IEC 60 060-1*).



Rated current

Fixed current (preferably at an ambient temperature of 40 °C) which a connector can permanently carry (without interruption) and which flows simultaneously through all its contacts which are connected to the largest possible conductors specified, whereas the upper limiting temperature is not being exceeded. The dependence of the rated current on the ambient temperature is shown in the respective derating diagrams.

Transient surges

Short-period surges with a duration of some milliseconds or less, oscillating or non-oscillating, normally highly damped (see DIN VDE 0110-1, section 1.3.7.2). The surge can be caused by a failure, a switching operation, a lightning discharge, or it can be an intentionally generated surge which is necessary for the functioning of a device, respectively component.

Power frequency withstand voltage

Is a surge as alternating voltage (50/60 Hz). When testing the voltage sustaining capability, it is applied for one minute. The test values in context with the rated surge are shown in the excerpt of table 8, DIN EN 61 984.

Test voltages

DIN EN 61984, excerpt from table 8

Impulse withstand voltage kV (1.2/50 μ s)	Power frequency withstand voltage kV (50/60 Hz)
0.5	0.37
0.8	0.50
1.5	0.84
2.5	1.39
4	2.21
6	3.31
8	4.26
12	6.6

CTI value (Comparative Tracking Index)

This value informs about the conductivity of insulating materials and affects the default value of creepage distances. The CTI value has an influence on the creepage distance. The higher the value, the shorter the creepage distance can turn out. By means of the CTI value, plastics can be divided into insulation material groups.

Allocation of insulation material groups:

I	600 \leq CTI
II	400 \leq CTI <600
IIIa	175 < CTI <400
IIIb	100 < CTI <175

Protection degree acc. to IEC 60 529

The protection degree describes the leak tightness of housings, e.g. for electrical facilities. It ranges from IP 00 up to IP 68. The standard protection degree of WALTHER industrial connectors is IP 65.

Derating diagram acc. to DIN EN 60 512

The diagrams show the maximum current-carrying capacity of components. The display format is a curve, showing the current in dependence on the ambient temperature. The current capacity is limited by the thermal properties of both contacts and insulating parts, having an upper limiting temperature which should not be exceeded.

Pollution degree

The rating of equipment depends on the ambient conditions. Possibly occurring pollutions affect their potential conductivity, combined with humidity they affect the insulating capacity of their surfaces. Over the creepage distance, the pollution degree has an influence on the component construction. For open, unprotected insulations, the pollution degree is defined by means of the ambient conditions.

By default, all PROCON industrial connectors are designed for pollution degree 3.

Pollution degree 1:

Applicable to air-conditioned or clean dry rooms, e.g. computing machinery and measuring devices.

Pollution degree 2:

Applicable to residential areas, salesrooms and other business premises, fine mechanical workshops, laboratories, test facilities, and medicinally utilized rooms. Due to occasional condensation, a temporary conductivity of the pollution has to be expected.

Pollution degree 3:

Applicable to industrial, commercial, and agricultural premises, unheated storerooms, workshops, boiler houses and the electrical equipment of assembly machines or machine tools.

Pollution degree 4:

Applicable to outdoor places, e.g. devices on wagon roofs of locomotives or tramways.

Excerpt of DIN VDE 0110-1 resp. IEC 60 664-1, section 2.5.1:

Pollution degree 1:

No pollution or only dry, non-conducting pollution is occurring. The pollution has no influence.

Pollution degree 2:

Only non-conducting pollution is occurring. Occasionally, however, temporary conductivity caused by condensation has to be expected.

Pollution degree 3:

Conductive pollution or dry, non-conducting pollution is occurring, which becomes conductive because condensation has to be expected.

Pollution degree 4:

The pollution leads to permanent conductivity caused by conductive dust, rain or snow.

Surge category

The surge category depends on the power supply voltage and the mounting place of a device. It describes the maximum surge withstand capability of the device during a failure in the power supply system, e.g. in case of a lightning strike.

Via the clearance, the surge category has an influence on the component dimensioning. According to standardization, there are 4 surge categories.

Devices for industrial use, e.g. WALTHER Industrial Connectors, fall in surge category III.

Excerpt from DIN VDE 0110-1 resp. IEC 60 664-1, section 2.2.2.1.1

Surge category I:

Devices which are meant for connection to the fixed installation of a building. Outside the device, measures have been taken to limit the transient surges to the respective value, either inside the fixed installation or between the fixed installation and the device.

Surge category II:

Devices which are meant for connection to the fixed electrical installation of a building; e.g. household appliances, portable tools and similar consumers.

Surge category III:

Devices which are part of the fixed installation and devices for which a higher degree of availability is expected. Examples: Distribution boards, power switches, distributions (IEV 826-06-01, including cables, busbars, distribution boxes, switches, sockets) in the fixed installation and devices for industrial use as well as stationary motors which are permanently connected to the fixed installation.

Surge category IV: Equipment intended for use at or near the feeders into the electrical installation of buildings, viewed from the main distribution board in the direction towards the power supply, e.g. electricity meters, overcurrent circuit breakers and ripple control devices.

Rated voltage of the power supply system (≤ Rated insulation voltage of the equipment)					Preferred values for the rated surge in kV (1,2/50 μs)			
					Surge category			
Voltage phase-earth, deduced from the rated voltages of the alternating voltage (effective value) or DC voltage	Effective value of the DC voltage	Effective value of the alternating	Effective value of the alternating voltage, DC voltage	Effective value of the alternating voltage, DC voltage	Special protected levels	III		IV
						II	Levels for distribution circuits and others)	
V	V	V	V	V				
100	66/115	66	60	–	0,5	0,8	1,5	2,5
150	120/208; 127/220	115; 120; 127	110; 120	220-110; 240-120	0,8	1,5	2,5	4
300	220/380; 230/400; 240/415; 260/440; 277/480	220; 230; 240; 260; 277	220	440-220	1,5	2,5	4	6
600	347/600; 380/660; 400/690; 415/720; 480/830	347; 380; 400; 415; 440; 480; 500; 577; 600	480	960-480	2,5	4	6	8
1000		660; 690; 720; 830; 1000	1000	–	4	6	8	12

Rated surge (DIN EN 61 984, table 5)

Technical Information

Current-carrying capacity (Derating curve)

The checking of the current-carrying capacity of electrical-mechanical components is prescribed in the DIN IEC 512 T3. Each contact of the component must be able to withstand the specified current for five hours with the specified conductor cross section and a conductor length of at least 500 mm, without hereby exceeding the specified temperature rise compared with the ambient temperature. The materials used determine the upper limiting temperature. Due to variations of both components and material properties, a parabolic base curve is obtained which must be

multiplied with a correction factor of 0.8. The connected conductor cross section determines the maximum permissible current.

The curves shown in the catalog are already corrected curves. With these curves you can find out the permissible current which may flow simultaneously through each of the contacts. In practice, however, rarely all of the contacts are loaded equally. This makes it possible to allow higher currents to flow even in isolated cases when less than 20 % of the total is loaded.

Contact resistance

When connectors are used under maximum rating conditions, the influence of the contact resistance is relatively low. Even extremely corroded silver-plated male and female contacts rarely cause any contact problems. However, small currents under extreme environmental conditions react differently, e.g. in electroplating works, tunnels, or when cellulose is being processed. The silver oxide layer on the surface of the contacts forms an electrical resistance with capacitive, inductive and

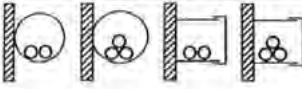
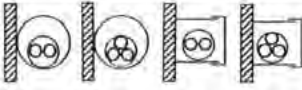


ohmic components and distorts the signal curves in such a way that the downstream receiver can no longer detect the signals - this results in considerable interference that is very difficult to locate. In such cases, gold-plated contacts are recommended.

With currents < 4 mA and voltages - 5 V, the use of gold-plated contacts is highly recommended.

Short circuit strength and high starting currents

Series	Short circuit current (A)					
	Overload duration (s)					
	0.1	0.25	0.5	1	2.5	5
D, DD	380	220	170	120	75	55
A3, 4	800	480	320	230	140	95
A, B, BV	1100	710	590	360	230	165
BA	3100	1700	1200	800	540	360

Current-carrying capacity of copper conductors (in A)

Installation type	Cross section (mm ²) ▶										
		0.25	0.34	0.5	0.75	1	1.5	2.5	4	6	10
 B 1 Conductors in protective conduits and installation channels		-	-	-	7.6	10.4	13.5	18.3	25.0	32.0	44.0
 B 2 Cables and lines in protective conduits or installation channels		-	-	-	-	9.6	12.0	16.5	23.0	29.0	40.0
 C Cables and lines on walls		4.0	5.0	7.1	9.1	11.7	15.2	21.0	28.0	36.0	50.0
 E Cables and lines on cable trays		4.0	5.0	7.1	9.1	11.5	16.1	22.0	30.0	37.0	52.0

Special regulation for connectors

If certain preconditions are considered, the standard for connectors offers the possibility to apply a lower pollution degree than that of the entire installation; i.e. that in an environment with pollution degree 3, connectors with the electrical data acc. to pollution degree 2 may be used. Basis hereof is DIN EN 61 984, section 6.19.2.2.

Excerpt from DIN EN 61 984, section 6.19.2.2

In case of a connector with minimum protection degree IP 54 acc. to IEC 60 529, the isolating parts inside the encapsulation may be rated for a lower pollution degree.

This applies also for connectors whose encapsulation is ensured by the connector housing and which are only separated for test/maintenance purposes.

These conditions are fulfilled by:

- a connector with a minimum protection degree of IP54 (IEC 60 529)
- a connector built into the housing, and this connector is disconnected only as described in the standard for testing and maintenance purposes
- a connector built into the housing, and this connector is protected by a protective cover with at least IP 54 in the disconnected state
- a connector with at least IP 54 built inside a switch cabinet.

A separated connector being exposed to industrial atmosphere for an undefined period of time does not belong to these conditions.

Please note that pollution can also adversely affect the connector from inside a system.

Selecting pollution degree 2 for connectors

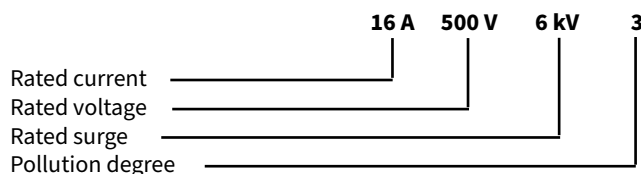
Application examples:

- Connectors on a motor drive, in which case the connector is only disconnected to replace a defective motor, however otherwise a pollution degree 3 would be required for the system.
- Connectors on a modular designed machine, which are only disconnected for transport purposes and are used for faster assembly and safe commissioning. During transport, the connectors must be shielded against pollution by applying protective covers or using adequate packaging in order to safeguard the system.
- Connectors within a switch cabinet with IP54. In this case an IP54 housing for the connector is not required.

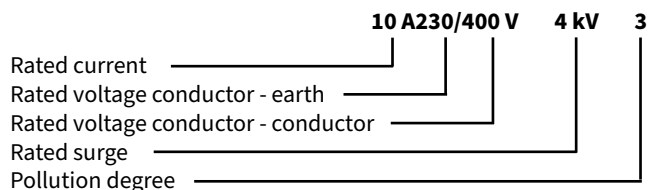
Specifications of electrical data

The specifications of electrical data for connectors are made according to DIN EN 61 984.

Example of an identification for use in a network that is not grounded or a grounded delta network (see page 193, table 5 of the DIN EN 61 984):



Example of an identification for the exclusive use in a grounded network (see page 193, table 5 of DIN EN 61 984):



Changeover from PG to M

Basis for the changeover of our housings from the PG to the metric system is the international metric standard.

The PG range is replaced by the metric range.

The outside diameters of the threads do now correspond to the system measures of the mentioned standard – this means a considerable simplification: Now the cable gland designation concretely indicates the outside diameter in mm.

For example, M 20 stands for 20 mm outside diameter of the thread.

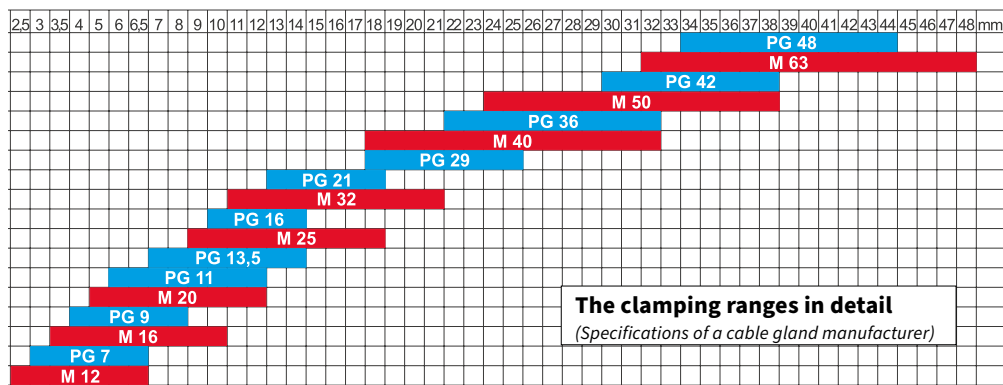
Housings with metric threads can be identified by the $\text{\textcircled{M}}$ on the surface.

The following cross reference table from PG to M threads is a result of the given housing dimensions.

Cross reference table

PG	M
PG 11	M 20
PG 13.5	
PG 16	
PG 21	M 25
PG 29	M 32
PG 36	M 40
PG 42	M 50

As a result of the cross reference, the maximum connectable cable diameters are becoming smaller due to the use of the metric threads.



The clamping ranges in detail
(Specifications of a cable gland manufacturer)

IP Protection Degrees

Code Letters
(International Protection)




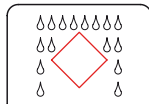

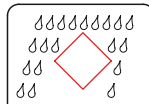
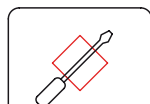
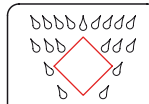



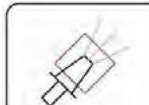
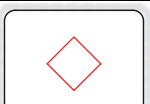
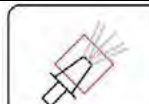


First Index Figure
(Protection against solid foreign bodies)

Second Index Figure
(Protection against water)

IP

6

5

Index figure	Degree of protection		Index figure	Degree of protection			
0	No protection		No protection against accidental contact, no protection against foreign bodies	0	No protection against water		No protection against water
1	Protection against large foreign bodies		Protection against contact with a large area by hand and against foreign bodies $\varnothing > 12$ mm	1	Drip proof		Protection against vertical water drips
2	Protection against medium sized foreign bodies		Protection against contact with fingers and against foreign bodies $\varnothing > 12$ mm	2	Drip proof		Protection against diagonally falling water drops (at any angle, up to 15° to the vertical)
3	Protection against small foreign bodies		Protection against tools, wires, or similar objects with $\varnothing > 2.5$ mm and against foreign bodies $\varnothing > 12$ mm	3	Spray proof		Protection against spray water from any angle, up to 60° to the vertical
4	Protection against grain-shaped foreign bodies		As indicated in index figure 3, but with $\varnothing > 1$ mm	4	Splash proof		Protected against splashed water from all directions
5	Protection against deposits of dust		Protection against contact, protection against interior dust deposits	5	Hose proof		Protection against water jets (nozzle) from all directions
6	Protection against ingress of dust		Total protection against contact, protection against penetration of dust	6	Protection against powerful water jets		Protection against powerful water jets from all directions
				7	Protection against immersion		Protected against the ingress of water when temporarily immersed
				8	Protection against submersion		Protected against water pressure when continuously submersed

Series MO



The different modules are inserted into the appropriate retaining frames (which vary according to the different housing sizes). There they snap in easily and safely. A special removal tool ensures quick and easy customization of the connector to meet any change in the users' requirements.



The MO series represents a consistent, user-oriented further development of the PROCON industry connector system.

The advantage is the modularization of inserts. The known division into male and female inserts does not apply here anymore. The user has the possibility of inverse equipment, i.e. in the modular system, a retaining frame can accommodate contact carriers for both pin and sleeve contacts.

In combination with the proven series B standard housings, the MO series allows the synthesis of electrical and optical contacts in inserts with different amperages and voltages inside one retaining frame.

The modular construction of inserts leaves the decision on the specific arrangement in individual applications to the user.



Due to the extensive range of different available housing sizes, the user can implement combinations of 2 up to max. 2 x 7 contact carriers per housing - and thus choose any number of poles from 3 to 280.

The following regulations apply to the combination of several circuits in one cable and/or for example a connector:

VDE 0100/1.97 § 411.1.3.2
and
DIN EN 60 204/11.98 § 14.1.3.

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Technical
Information

Series B HT

Series B HT inserts are made of special temperature resistant plastic material, suitable for temperatures up to max. 180 °C incl. self-heating.



The housings of series B HT can also accommodate inserts of other series. This solution is suitable when there is no heat problem, but the application site requires a special aluminum alloy due to severe environmental conditions.



The housings of the B HT series are made of a seawater-resistant special die-cast aluminum alloy; the gaskets are made of Viton and are temperature-resistant up to 200 °C. Locking levers are made of stainless steel.

Series BV



The housings of the BV series are no standard housings.

The ribs on the two end walls of the housings have to be removed so that the inserts of series BV (which are provided with a lateral build-in blocking) can be installed. In addition, there are isolating strips at the inner sides of the long housing walls.

Due to the lateral build-in blocking, the male and female inserts can not be installed in standard housings.

The female inserts are provided with two insertion blockings which prevents plugging with series B inserts.



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Technical Information

Special versions

WALTHER offers individual solutions for special applications.

PROCON industrial connectors offer a great variety of different sizes and numbers of cable entries. Cable entries can either be made from top, side or front.

For special applications, WALTHER PROCON hoods are also available without drilled holes.

Hoods in different heights offer enough space for various solutions.

Protective covers in standard version as well as those especially made for individual applications help to protect the contact carriers against dirt and the contacts against corrosion (silver oxide = non-conductor).

For the use of PROCON Industrial Connectors with compensation cables for temperature measurements, WALTHER offers the reliable series B crimp contacts made of constantan and iron.

Our sales assistants will be pleased to give you any further assistance you may require.



Plastic housings



Product features

- Compatible with aluminum housings of series B 6 to B 24
- Safety due to PE contacting on both sides
- Flame class rating acc. to UL 94: V0
- Cable strain relief acc. to DIN EN 50262
- Protection degree acc. to DIN 60529: IP 65, acc. to UL50e: Type 4/4x/12
- Housings + locking levers made of glass-fiber reinforced polyamide
- Gaskets made of NBR (Nitrile rubber)
- Temperature range - 40 °C to + 125 °C



Product advantages

- Optimization of flexibility and reduced ware housing costs through reduced parts diversity
- Weight advantage of plastic over aluminum
- Improved environmental balance due to more energy-efficient production

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Technical Information

Series B6

PROCON ONE TOUCH – INNOVATIVE CONNECTION TECHNOLOGY

Inserts for power & signal transmission possible

Moderate insertion & withdrawal forces

Space saving without locking lever

Increased standard degree of protection IP54



PROCON One Touch - a unique connector system

High power density with the smallest possible surface and easy operation. This was the customer requirement that preceded the development of PROCON One-Touch. Together with some exclusive application partners this task has now been solved.

Space-saving, innovative design through one-touch connection technology

The innovative locking system from the new CEE NEO plug & socket device series is now also used in heavy-duty connectors.

By an internal spring mechanism, wall-mount housing and panel housing are connected to the hood. Space-consuming lock-

ing levers are thus no longer needed, allowing an arrangement of multiple connectors directly next to each other.

Insertion and withdrawal can easily be done with only one hand and meets all ergonomic requirements.



Easy insertion, even in tight spaces

Flat, compact housing

For cable Ø up to 1,25"

Robust construction

One-Touch locking system

Robust housing design for permanently safe operation



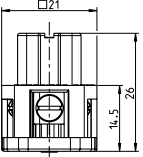

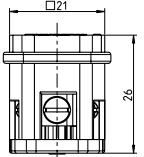


The extremely stable aluminum housings have been tested in the toughest operating conditions. In accordance with protection degree IP54, the housings are splash-proof and dust-proof, thus fulfilling all the requirements of common areas of application.

Flexibly configurable for power and control signal transmission

The connector system can be individually equipped with power contacts up to 80 A or control contacts, either sorted or combined. Via a modular system, even coax, pneumatics, bus systems or RJ45 can be integrated. Everything is plug-compatible with already installed systems within the established B6 systems. The cable entry can accommodate up to 1,25".

Application areas and customized solutions

The PROCON One-Touch series was specifically designed for applications where space is tight and easy handling is required. This is often the case, e.g. in mechanical and plant engineering, data centers or the event industry. Frequently, the entire cable assembly, including the required test documentation for customers was realized directly, so that only the complete cable set has to be connected in the final assembly. If you have any questions, please do not hesitate to contact us.

Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V 	 	 
Part no.:	700103	700203
	without wire protection 0.5-1.5 mm ² (20-16 AWG)	without wire protection 0.5-1.5 mm ² (20-16 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	14 g	14 g
Contact arrangement		
View from termination side		

Specifications series A 3

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 3 + PE

Electrical data acc. to DIN EN 61 984: 10 A 230 / 400 V 4 kV 3

Rated current _____

Rated voltage conductor - earth _____

Rated voltage conductor - conductor _____

Rated surge _____

Pollution degree _____

- Pollution degree 2 also 10 A 320/500 V 4 kV 2

Rated voltage acc. to UL/CSA: 600 V

Material: glassfiber reinforced polyamide
 Temperature range: - 40 °C up to + 125 °C
 Flame class rating acc. to UL 94: V 0
 Mechanical operating life: ≥ 500 mating cycles

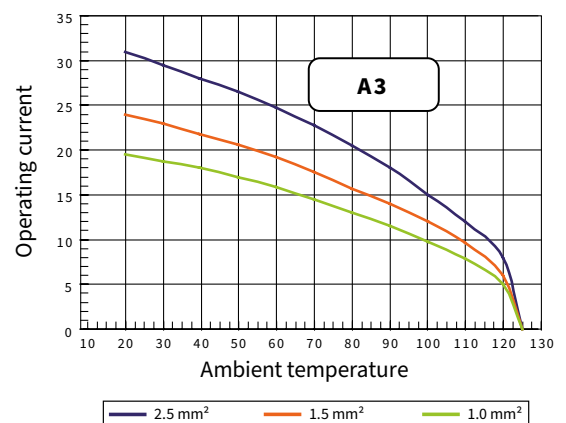
Contacts

Material: Copper alloy
 Surface: • hard silver-plated: 3 µm Ag
 • hard gold-plated: 2 µm Au over 3 µm Ni
 Contact resistance: < 1 m Ω

Series A 3:

only screw terminal mm² (AWG): 0.5-1.5 mm² (20-16 AWG)
 Torque / testing torque: 0.25 Nm



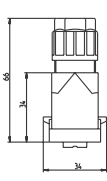

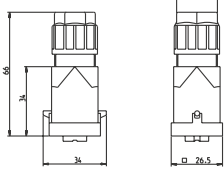

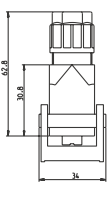

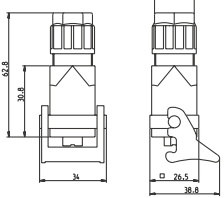
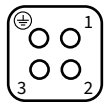
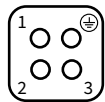
Wire stripping length: Series A 3: 5 mm



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Housing series A3 P +

Connectors with displacement connection (IDC) | 16 A, 230/400 V

Approvals/Certification mark	Hoods with female insert	Hoods with male insert	
UL/CSA: 600 V 	 	 	
	Part no.: Packaging unit Weight	700724 Height 66 mm for single locking lever 10 pcs. 25 g	700725 Height 66 mm for single locking lever 10 pcs. 25 g
	Coupler hood with female insert	Coupler hood with male insert	
	 	 	
Part no.: Packaging unit Weight	700726 Height 63 mm for single locking lever 10 pcs. 28 g	700727 Height 63 mm for single locking lever 10 pcs. 28 g	
Contact arrangement View from termination side			

Specifications of connectors with insulation displacement connection:

General specifications

Key width of sleeve nut	19 mm
Torque of sleeve nut	3 Nm
Mating cycles	< 500

Cable specifications for IDC terminal



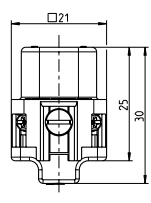

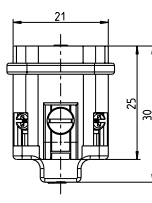


Conductor cross section area:	0.75-1.5 mm ² / 18-16 AWG
Stranded cable / smallest wire diameter:	VDE 0295 class 2 up to 5/0.2 mm
Core insulating material:	PVC/PE
External cable diameter:	6 - 12 mm
Wire diameter (including insulation)	≤ 3 mm

Mechanical specifications

Frequency of connection of cables with equal diameter: 10

Material specifications

Contact material / contact surface: Cu alloy/nickel base coat, silver-plated
 Insulating material/flame class rating acc. to UL 94: PA / V0
 Approvals: UL/CSA

Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V 	 	 
Part no.:	700104	700204
	without wire protection 0.5-1.5 mm ² (20-16 AWG)	without wire protection 0.5-1.5 mm ² (20-16 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	17 g	18 g
Contact arrangement		
View from termination side		

Specifications series C 4

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 4 + PE

Electrical data acc. to DIN EN 61 984: 10 A 230 / 400 V 4 kV 3
 Rated current _____
 Rated voltage conductor - earth _____
 Rated voltage conductor - conductor _____
 Rated surge _____
 Pollution degree _____
 - Pollution degree 2 also 10 A 320/500 V 4 kV 2

Rated voltage acc. to UL/CSA: 600 V

Material: glassfiber reinforced polyamide
 Temperature range: - 40 °C up to + 125 °C
 Flame class rating acc. to UL 94: V 0
 Mechanical operating life: ≥ 500 mating cycles

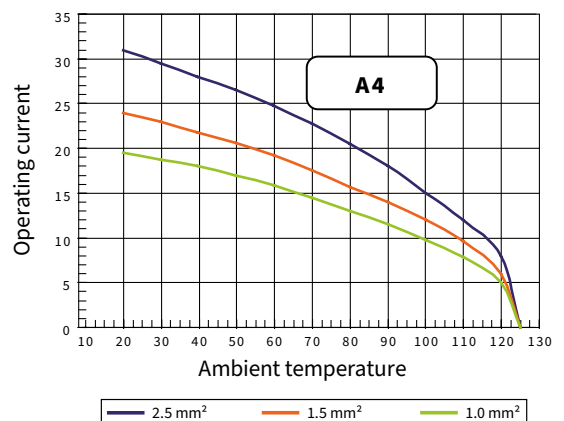
Contacts

Material: Copper alloy
 Surface: • hard silver-plated: 3 μm Ag
 • hard gold-plated: 2 μm Au over 3 μm Ni
 Contact resistance: < 1 m Ω

Series A 4:

only screw type mm² (AWG): 0.5-1.5 mm² (20-16 AWG)
 Torque / testing torque: 0.25 Nm

Wire stripping length: Series A 4: 5 mm

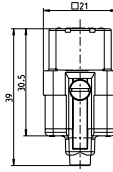


The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

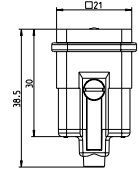
Approvals/Certification mark



Contact carriers for sleeve contacts



Contact carriers for pin contacts



Part no.:

700105

700205

Packaging unit
Weight

10 pcs.
18 g

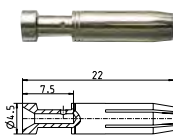
10 pcs.
14 g

Terminal cross section

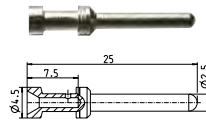
Sleeve contacts for series A 5
for crimp terminal, solid, turned

Pin contacts for series A 5
for crimp terminal, solid, turned,

0.14-0.37 mm ²	26-22 AWG
0.5 mm ²	20 AWG
0.75 mm ²	18 AWG
1 mm ²	18 AWG
1.5 mm ²	16 AWG
2.5 mm ²	14 AWG



	silver-plated	gold-plated
	710508	710916
	710504	710842
	710509	710917
	710500	710843
	710501	710844
	710502	710845



	silver-plated	gold-plated
	710518	710918
	710514	710847
	710519	710919
	710510	710848
	710511	710849
	710512	710850

Packaging unit

100 pcs.

100 pcs.

Contact arrangement

View from termination side



Coding pin



700734

Packaging unit
Weight

10 pcs.
10 g / 10 pcs.

The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not used.

Accessories

Crimping tool, removal tool, etc. see chapter 10 "Accessories"

Specifications series A 5

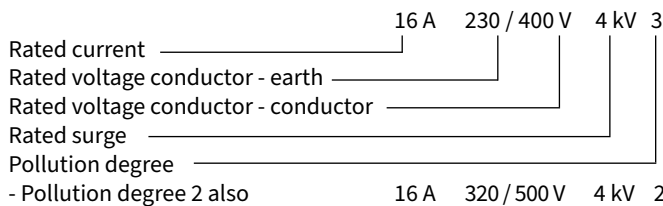
Regulations:

DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles:

5 + PE

Electrical data acc. to DIN EN 61 984:



Rated voltage acc. to UL/CSA:

600 V

Material:

Glass-fiber reinforced polyamide

Temperature range:

- 40 °C up to + 125 °C

Flame class rating acc. to UL 94:

V 0

Mechanical operating life:

500 mating cycles

Contacts

Material:

Copper alloy

Surface

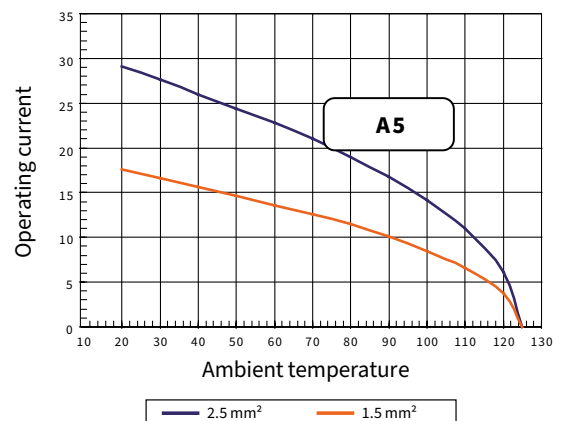
- hard silver-plated: 3 µm Ag
- hard gold-plated: 2 µm Au over 3 µm Ni

Contact resistance:



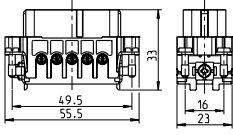

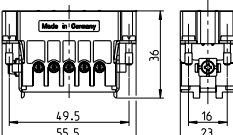
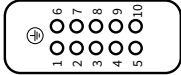
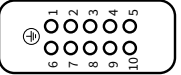
< 1 m Ω

Series A 5: only crimp terminal mm² (AWG): 0.14-2.5 mm² (26 - 14 AWG)

Wire stripping length: Series A5: 7 mm if using screw terminals or crimp contacts



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

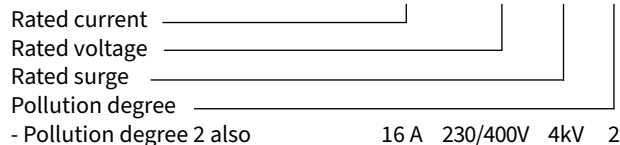
Approvals/Certification mark	Female insert	Male insert
	 	 
Part no.:	700110 with wire protection 0.5-2.5 mm ² (20-14 AWG)	700210 with wire protection 0.5-2.5 mm ² (20-14 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	46 g	47 g
Contact arrangement		
View from termination side		

Specifications series A 10 screw type connection and crimp terminal

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 10 + PE

Electrical data acc. to DIN EN 61 984: 16 A 250 V 4 kV 3

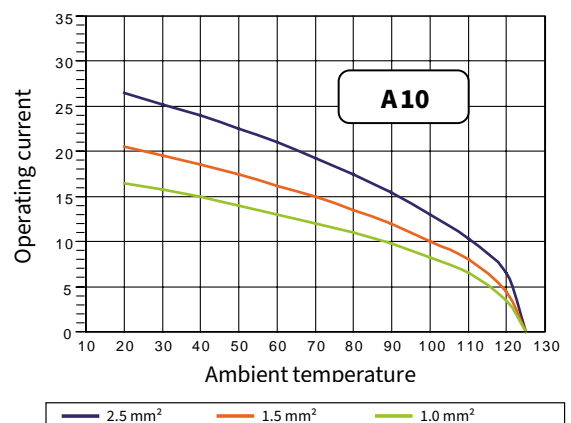


Rated voltage acc. to UL/CSA: 600 V
 Material: Glass-fiber reinforced polyamide
 Temperature range: - 40 °C up to + 125 °C
 Flame class rating acc. to UL 94: V 0
 Mechanical operating life: ≥ 500 mating cycles

Contacts
 Material: Copper alloy
 Surface: • hard silver-plated: 3 µm Ag
 • hard gold-plated: 2 µm Au over 3 µm Ni
 Contact resistance: < 1 m Ω

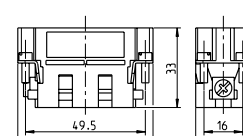
Series A 10:
 Screw terminal mm² (AWG): 0.5-2.5 mm² (20-14 AWG)
 Crimp terminal mm² (AWG): 0.14-4.0 mm² (26-12 AWG)

Wire stripping lengths:
 Series A 10: 7 mm if using screw terminals and crimp contacts



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Approvals/Certification mark **Contact carriers for sleeve contacts** **Contact carriers for pin contacts**



Part no.:

Packaging unit
Weight

700310

10 pcs.
26 g

700410

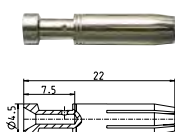
10 pcs.
27 g

Terminal cross section

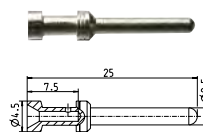
Sleeve contacts for series A 10
for crimp terminal, solid, turned

Pin contacts for series A 10
for crimp terminal, solid, turned

0.14-0.37 mm ²	26-22 AWG
0.5 mm ²	20 AWG
0.75 mm ²	18 AWG
1 mm ²	18 AWG
1.5 mm ²	16 AWG
2.5 mm ²	14 AWG
4.0 mm ²	12 AWG



	silver-plated	gold-plated	g per 100
	710508	710916	125
	710504	710842	162
	710509	710917	160
	710500	710843	148
	710501	710844	148
	710502	710845	150
	710503	710846	154
			165



	silver-plated	gold-plated	g per 100
	710518	710918	125
	710514	710847	124
	710519	710919	128
	710510	710848	128
	710511	710849	132
	710512	710850	132
	710513	710851	134

POF Ø 1 mm
= polymer optical fiber

Optical waveguide for POF, solid, turned



710521

g per 100
89

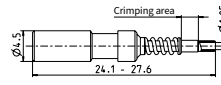


Optical waveguide for POF, solid, turned



710531

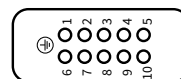
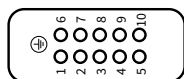
g per 100
74



Packaging unit

100 pcs.

100 pcs.



Coding pin

Packaging unit
Weight



700734

10 pcs.
10 g / 10 pcs.

The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not used.

Accessories

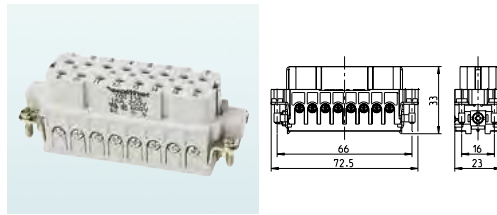
Crimping tool, removal tool, etc. see chapter 10 "Accessories"

Matching housings see page 129

Approvals/Certification mark

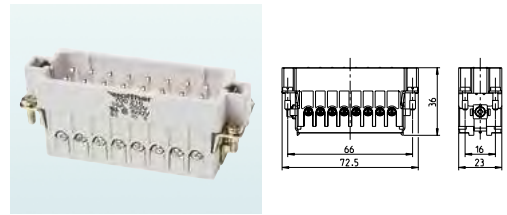


Female insert



700116 with wire protection
0.5-2.5 mm² (20-14 AWG)

Male insert



700216 with wire protection
0.5-2.5 mm² (20-14 AWG)

Part no.:

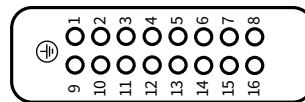
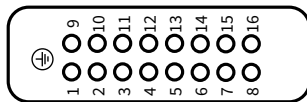
Packaging unit
Weight

10 pcs.
65 g

10 pcs.
63 g

Contact arrangement

View from termination side



Specifications series A 16 screw type connection and crimp terminal

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 16 + PE

Electrical data acc. to DIN EN 61 984: 16 A 250 V 4 kV 3



Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

Contacts

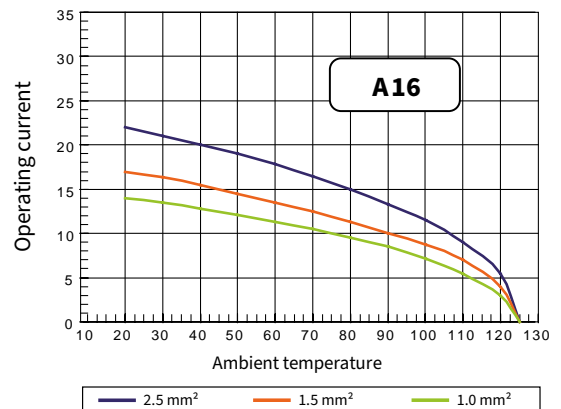
Material: Copper alloy
Surface: • hard silver-plated: 3 μm Ag
• hard gold-plated: 2 μm Au over 3 μm Ni
Contact resistance: < 1 m Ω

Series A 16:

Screw terminal mm² (AWG): 0.5-2.5 mm² (20-14 AWG)
Crimp terminal mm² (AWG): 0.14-4.0 mm² (26-12 AWG)

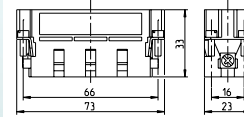
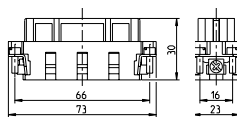
Wire stripping lengths:

Series A 16: 7 mm if using screw terminals and crimp contacts



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Approvals/Certification mark **Contact carriers for sleeve contacts** **Contact carriers for pin contacts**



Part no.:

700316

700416

Packaging unit
Weight

10 pcs.
32 g


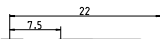
10 pcs.
31 g


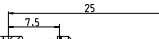
Terminal cross section

Sleeve contacts for series A 16
for crimp terminal, solid, turned

Pin contacts for series A 16
for crimp terminal, solid, turned

0.14-0.37 mm ²	26-22 AWG
0.5 mm ²	20 AWG
0.75 mm ²	18 AWG
1 mm ²	18 AWG
1.5 mm ²	16 AWG
2.5 mm ²	14 AWG
4.0 mm ²	12 AWG

	silver-plated	gold-plated	g per 100
	710508	710916	162
	710504	710842	160
	710509	710917	148
	710500	710843	148
	710501	710844	150
	710502	710845	154
	710503	710846	165

	silver-plated	gold-plated	g per 100
	710518	710918	125
	710514	710847	124
	710519	710919	128
	710510	710848	128
	710511	710849	132
	710512	710850	132
	710513	710851	134

POF Ø 1 mm
= polymer
optical fiber

Optical waveguide for POF,
solid, turned

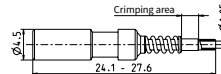
g per 100

Optical waveguide for POF,
solid, turned

g per 100

 710521 89

 710531 74



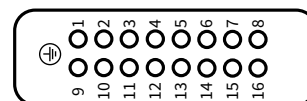
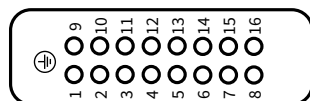
Packaging unit

100 pcs.

100 pcs.

Contact arrangement

View from termination side



Coding pin

Packaging unit
Weight



700734

10 pcs.
10 g / 10 pcs.

The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not used.

Accessories

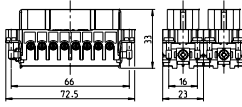
Crimping tool, removal tool, etc. see chapter 10 "Accessories"

Matching housings see page 137

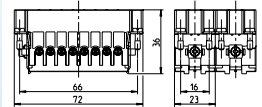
Approvals/Certification mark



Female insert



Male insert



Part no.: 1 - 16 **700116**
17 - 32

700216 with wire protection
700132 0.5-2.5 mm² (20-14 AWG)

700232 with wire protection
0.5-2.5 mm² (20-14 AWG)

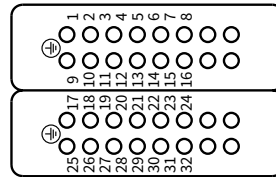
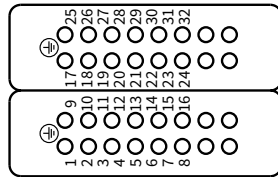
Packaging unit 10 pcs.
Weight

10 pcs.
69 g

64 g

Contact arrangement

View from termination side

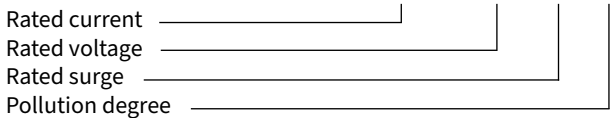


Specifications series A 32 screw type connection and crimp terminal

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 32 + PE

Electrical data acc. to DIN EN 61 984: 16 A 250 V 4 kV 3



- Pollution degree 2 also 32 A 230/400V 4kV 2

Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide

Temperature range: - 40 °C up to + 125 °C

Flame class rating acc. to UL 94: V 0

Mechanical operating life: ≥ 500 mating cycles

Contacts

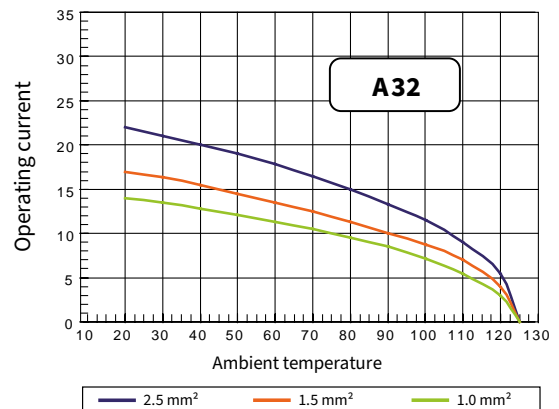
Material: Copper alloy
Surface: • hard silver-plated: 3 µm Ag
• hard gold-plated: 2 µm Au over 3 µm Ni
Contact resistance: < 1 m Ω

Series A 32:

Screw terminal mm² (AWG): 0.5-2.5 mm² (20-14 AWG)
Crimp terminal mm² (AWG): 0.14-4.0 mm² (26-12 AWG)

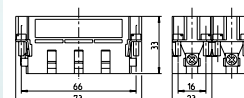
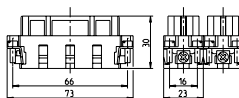
Wire stripping lengths:

Series A 32: 7 mm if using screw terminals and crimp contacts



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Approvals/Certification mark	Contact carriers for sleeve contacts	Contact carriers for pin contacts
------------------------------	--------------------------------------	-----------------------------------



Part no.: **700316**
 Packaging unit: 10 pcs.
 Weight: 32 g

Part no.: **700416**
 Packaging unit: 10 pcs.
 Weight: 31 g

Terminal cross section

0.14-0.37 mm ²	26-22 AWG
0.5 mm ²	20 AWG
0.75 mm ²	18 AWG
1 mm ²	18 AWG
1.5 mm ²	16 AWG
2.5 mm ²	14 AWG
4.0 mm ²	12 AWG

Sleeve contacts for series A 32 for crimp terminal, solid, turned

	silver-plated	gold-plated	g per 100
	710508	710916	162
	710504	710842	160
	710509	710917	148
	710500	710843	148
	710501	710844	150
	710502	710845	154
	710503	710846	165

Optical waveguide for POF, solid, turned

	710521	g per 100
		89

Pin contacts for series A 32 for crimp terminal, solid, turned

	silver-plated	gold-plated	g per 100
	710518	710918	125
	710514	710847	124
	710519	710919	128
	710510	710848	128
	710511	710849	132
	710512	710850	132
	710513	710851	134

Optical waveguide for POF, solid, turned

	710531	g per 100
		74

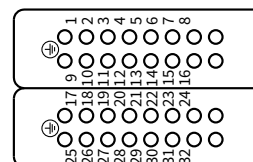
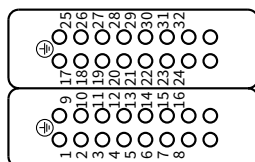
POF Ø 1 mm
 = polymer optical fiber

Packaging unit: 100 pcs.

Packaging unit: 100 pcs.

Contact arrangement

View from termination side



Coding pin

Packaging unit
 Weight



700734
 10 pcs.
 10 g / 10 pcs.

The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not used.

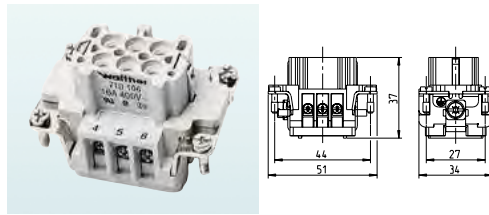
Accessories **Crimping tool, removal tool, etc. see chapter 10 "Accessories"**

Matching housings see page 145

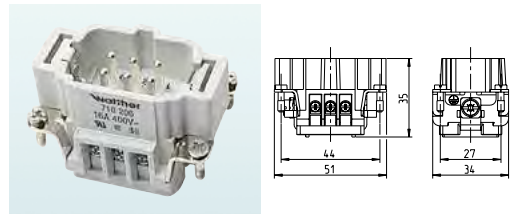
Approvals/Certification mark



Female insert



Male insert

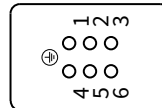
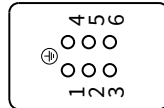


Part no.:	710106	with wire protection 0.5-2.5 mm ² (20-14 AWG)
Packaging unit	10 pcs.	
Weight	52 g	
Part no.:	710769	without wire protection 0.5-4 mm ² (20-12 AWG)
Packaging unit	10 pcs.	
Weight	49 g	

Part no.:	710206	with wire protection 0.5-2.5 mm ² (20-14 AWG)
Packaging unit	10 pcs.	
Weight	50 g	
Part no.:	710773	without wire protection 0.5-4 mm ² (20-12 AWG)
Packaging unit	10 pcs.	
Weight	47 g	

Contact arrangement

View from termination side



Coding see page 317

Specifications series B6

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 6 + PE

Electrical data acc. to DIN EN 61 984: 16 A 500 V 6 kV 3

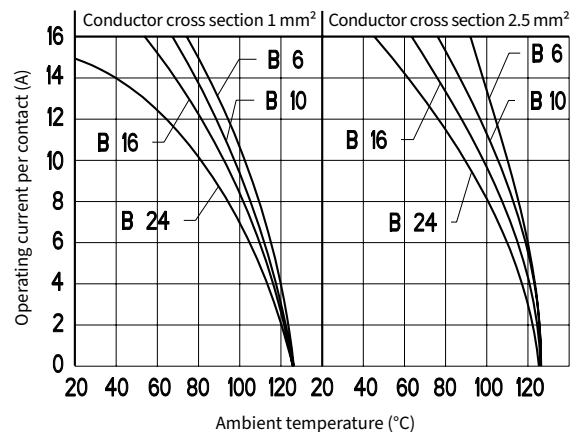
Rated current _____
 Rated voltage _____
 Rated surge _____
 Pollution degree _____
 Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide
 Temperature range: -40 °C up to +125 °C
 Flame class rating acc. to UL 94: V0
 Mechanical operating life: ≥ 500 mating cycles

Contacts

Material: Copper alloy
 Surface: • hard silver-plated: 3 μm Ag
 • hard gold-plated: 2 μm Au over 3 μm Ni
 Contact resistance: < 1 mΩ

Screw terminal with wire protection: 2.5 mm² (20-14 AWG)
 Screw terminal without wire protection: 4 mm² (20-12 AWG)
 Torque / testing torque: 0.5 Nm
 Wire stripping length: 7 mm if using screw terminals
 IDC terminals: 0.5 - 2.5 mm² (20-14 AWG)



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Inserts series B6 P +

Termination method: IDC | 16 A, 500 V

Approvals/Certification mark	Female insert	Male insert	
UL/CSA: 600 V 			1
Part no.:	71010601 0.5-2.5 mm ² (20-14 AWG)	71020601 0.5-2.5 mm ² (20-14 AWG)	2
Packaging unit	10 pcs.	10 pcs.	3
Weight	56 g	56 g	4
Coding pin for pushing into the coding grooves		710607	5
		<i>B 6 inserts can be equipped with max. 2 coding pins</i>	6
Packaging unit	10 pcs.		7
Weight	10 g / 10 pcs.		8
Contact arrangement			9
View from termination side			10
			11


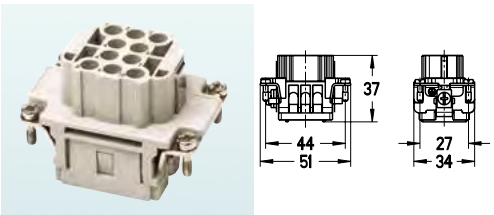
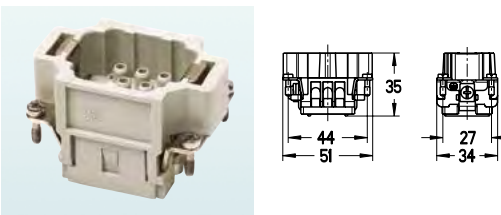
Coding see page 317

Inserts series B6 P +

Termination method: Push-in | 16 A, 500 V

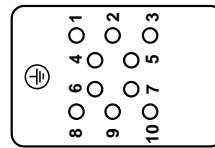
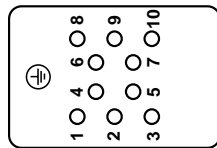
Approvals/Certification mark	Female insert	Male insert	
UL/CSA: 600 V 			1
Part no.:	71010604	71020604	2
Packaging unit	10 pcs.	10 pcs.	3
Weight	51 g	50 g	4
Coding pin for pushing into the coding grooves		710607	5
		<i>B 6 inserts can be equipped with max. 2 coding pins</i>	6
Packaging unit	10 pcs.		7
Weight	10 g / 10 pcs.		8
Contact arrangement series B6			9
View from termination side			10
			11

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Inserts B6
Inserts B10/BB18
Inserts B16/BB32
Inserts B24/BB46
Inserts B32
Inserts BB64/B48/BB92
Inserts BA6/BA12

Approvals/Certification mark	Contact carriers for sleeve contacts	Contact carriers for pin contacts
UL/CSA: 600 V 		
Part no.:	710311	710411
Packaging unit	10 pcs.	10 pcs.
Weight	42 g	40 g

Contact arrangement Series BB 10

View from termination side


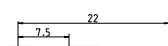
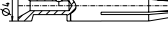

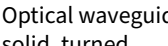




Contacts for crimp contact carriers



Terminal cross section

0.14-0.37 mm ²	26-22 AWG
0.5 mm ²	20 AWG
0.75 mm ²	18 AWG
1 mm ²	18 AWG
1.5 mm ²	16 AWG
2.5 mm ²	14 AWG
4.0 mm ²	12 AWG


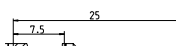


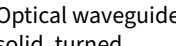

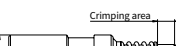
Sleeve contacts for series B and BB for crimp terminal, solid, turned

	silver-plated	gold-plated	g per 100
	710508	710916	162
	710504	710842	160
	710509	710917	148
	710500	710843	148
	710501	710844	150
	710502	710845	154
	710503	710846	165


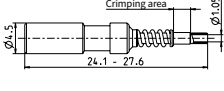
Optical waveguide for POF, solid, turned

	g per 100
	710521 89
	

Pin contacts for series B and BB for crimp terminal, solid, turned

	silver-plated	gold-plated	g per 100
	710518	710918	125
	710514	710847	124
	710519	710919	128
	710510	710848	128
	710511	710849	132
	710512	710850	132
	710513	710851	134

Optical waveguide for POF, solid, turned

	g per 100
	710531 74
	

Packaging unit

100 pcs.

100 pcs.

Coding pin

700734

Packaging unit

10 pcs.

Weight


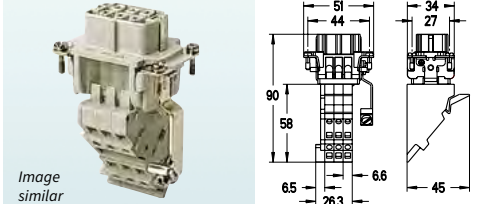
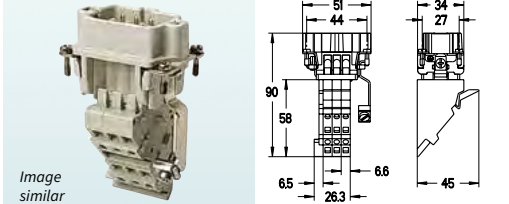
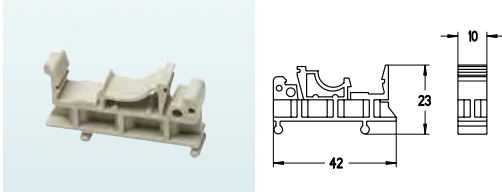
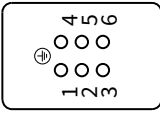
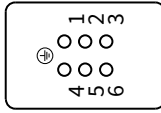
10 g / 10 pcs.

The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not used.

Accessories

Crimping tool, removal tool, etc. see chapter 10 "Accessories"

Matching housings see page 153

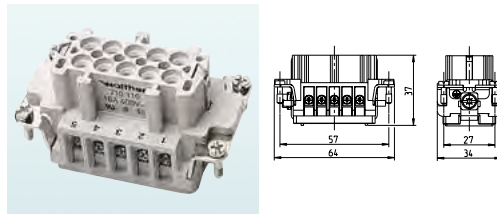
Approvals/Certification mark	Wiring adapter female insert	Wiring adapter male insert
<p>UL/CSA: 600 V</p> 	 <p><i>Image similar</i></p>	 <p><i>Image similar</i></p>
Part no.:	710657 Ground pin on the right 0.5-2.5 mm ² (20-14 AWG)	710655 Ground pin on the right 0.5-2.5 mm ² (20-14 AWG)
	710661 Ground pin on the left 0.5-2.5 mm ² (20-14 AWG)	710669 Ground pin on the left 0.5-2.5 mm ² (20-14 AWG)
Packaging unit Weight	10 pcs. 84 g	10 pcs. 85 g
Combi snap element		
for DIN-rail mounting Qty. req'd per adapter: 1 pcs.		
Part no.:	710807	
Packaging unit Weight	10 pcs. 4 g	
Contact arrangement		
View from termination side		

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Inserts B6/BB10
Inserts B10/BB18
Inserts B16/BB32
Inserts B24/BB46
Inserts B32
Inserts BB64/B48/BB92
Inserts BA6/BA12

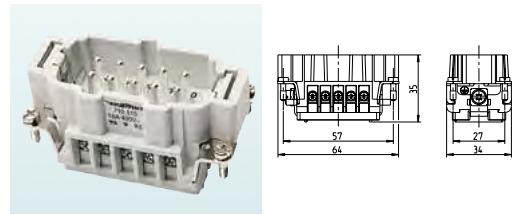
Approvals/Certification mark



Female insert



Male insert



Part no.: **710110** with wire protection
0.5-2.5 mm² (20-14 AWG)
Packaging unit: 10 pcs.
Weight: 69 g

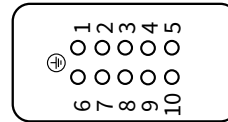
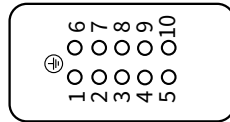
710210 with wire protection
0.5-2.5 mm² (20-14 AWG)
Packaging unit: 10 pcs.
Weight: 65 g

Part no.: **710770** without wire protection
0.5-4 mm² (20-12 AWG)
Packaging unit: 10 pcs.
Weight: 65 g

710774 without wire protection
0.5-4 mm² (20-12 AWG)
Packaging unit: 10 pcs.
Weight: 60 g

Contact arrangement Series B10

View from termination side



Coding see page 317

Specifications series B10

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 10 + PE

Electrical data acc. to DIN EN 61 984: 16 A 500 V 6 kV 3
Rated current _____
Rated voltage _____
Rated surge _____
Pollution degree _____

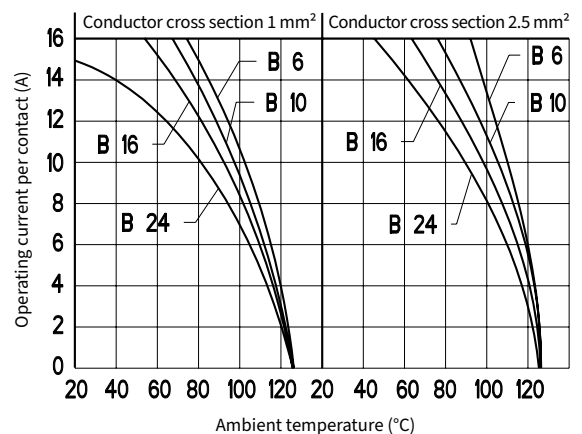
Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

Contacts

Material: Copper alloy
Surface: • hard silver-plated: 3 µm Ag
• hard gold-plated: 2 µm Au over 3 µm Ni
Contact resistance: < 1 m Ω

Screw terminal with wire protection: 2.5 mm² (20-14 AWG)
Screw terminal without wire protection: 4 mm² (20-12 AWG)
Torque / testing torque: 0.5 Nm
Wire stripping length: 7 mm if using screw terminals
IDC terminals: 0.5 - 2.5 mm² (20-14 AWG)



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Inserts series B10 P +

Termination method: IDC | 16 A, 500 V

Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V 		
Part no.:	71011001 0.5-2.5 mm ² (20-14 AWG)	71021001 0.5-2.5 mm ² (20-14 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	74 g	74 g

Coding pin for pushing into the coding grooves	 710607	<i>B 6 inserts can be equipped with max. 2 coding pins</i>
Packaging unit	10 pcs.	
Weight	10 g / 10 pcs.	

Contact arrangement Series B 10		
View from termination side		

Coding see page 317

Inserts series B10 P +


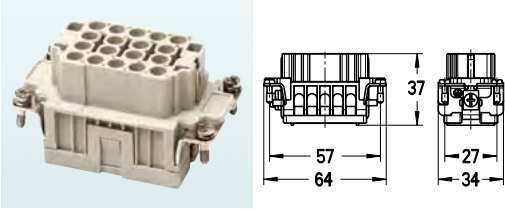
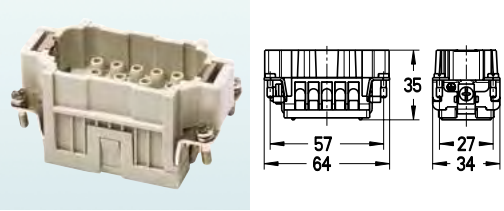
Termination method: Push-in | 16 A, 500 V

Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V 		
Part no.:	71011004	71021004
Packaging unit	10 pcs.	10 pcs.
Weight	66 g	64 g

Coding pin for pushing into the coding grooves	 710607	<i>B 10 inserts can be equipped with max. 2 coding pins</i>
Packaging unit	10 pcs.	
Weight	10 g / 10 pcs.	

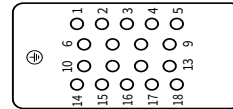
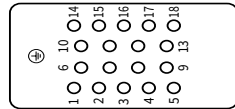
Contact arrangement Series B 10		
View from termination side		

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Inserts B6/BB10
Inserts B10
Inserts B16/BB32
Inserts B24/BB46
Inserts B32
Inserts BB64/B48/BB92
Inserts BA6/BA12


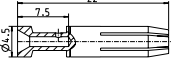

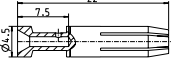

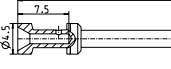

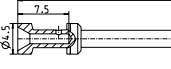

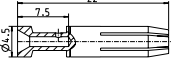

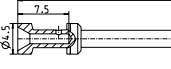





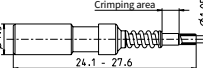

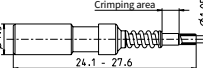



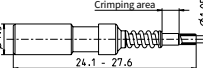

Approvals/Certification mark	Contact carriers for sleeve contacts	Contact carriers for pin contacts
UL/CSA: 600 V 		
Part no.:	710318	710418
Packaging unit	10 pcs.	10 pcs.
Weight	53 g	47 g

Contact arrangement
Series BB 18

View from termination side



Contacts for crimp contact carriers

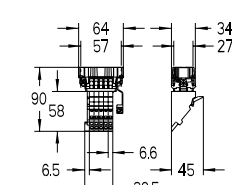
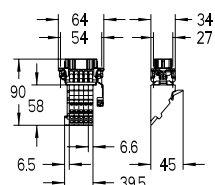
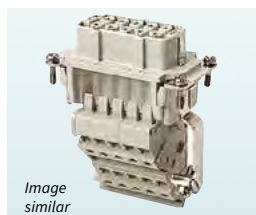
Terminal cross section	Sleeve contacts for series B and BB for crimp terminal, solid, turned	Pin contacts for series B and BB for crimp terminal, solid, turned																																																																								
0.14-0.37 mm ² 26-22 AWG 0.5 mm ² 20 AWG 0.75 mm ² 18 AWG 1 mm ² 18 AWG 1.5 mm ² 16 AWG 2.5 mm ² 14 AWG 4.0 mm ² 12 AWG	<table border="0"> <tr> <td></td> <td>silver-plated</td> <td>gold-plated</td> <td>g</td> </tr> <tr> <td></td> <td>710508</td> <td>710916</td> <td>per 100</td> </tr> <tr> <td></td> <td>710504</td> <td>710842</td> <td>162</td> </tr> <tr> <td></td> <td>710509</td> <td>710917</td> <td>160</td> </tr> <tr> <td></td> <td>710500</td> <td>710843</td> <td>148</td> </tr> <tr> <td></td> <td>710501</td> <td>710844</td> <td>148</td> </tr> <tr> <td></td> <td>710502</td> <td>710845</td> <td>150</td> </tr> <tr> <td></td> <td>710503</td> <td>710846</td> <td>154</td> </tr> <tr> <td></td> <td></td> <td></td> <td>165</td> </tr> </table>		silver-plated	gold-plated	g		710508	710916	per 100		710504	710842	162		710509	710917	160		710500	710843	148		710501	710844	148		710502	710845	150		710503	710846	154				165	<table border="0"> <tr> <td></td> <td>silver-plated</td> <td>gold-plated</td> <td>g</td> </tr> <tr> <td></td> <td>710518</td> <td>710918</td> <td>per 100</td> </tr> <tr> <td></td> <td>710514</td> <td>710847</td> <td>125</td> </tr> <tr> <td></td> <td>710519</td> <td>710919</td> <td>124</td> </tr> <tr> <td></td> <td>710510</td> <td>710848</td> <td>128</td> </tr> <tr> <td></td> <td>710511</td> <td>710849</td> <td>128</td> </tr> <tr> <td></td> <td>710512</td> <td>710850</td> <td>132</td> </tr> <tr> <td></td> <td>710513</td> <td>710851</td> <td>132</td> </tr> <tr> <td></td> <td></td> <td></td> <td>134</td> </tr> </table>		silver-plated	gold-plated	g		710518	710918	per 100		710514	710847	125		710519	710919	124		710510	710848	128		710511	710849	128		710512	710850	132		710513	710851	132				134
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	710511	710849	128																																																																							
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	710513	710851	132																																																																							
			134																																																																							
POF Ø 1 mm = polymer optical fiber	Optical waveguide for POF, solid, turned <table border="0"> <tr> <td></td> <td>710521</td> <td></td> <td>g</td> </tr> <tr> <td></td> <td></td> <td></td> <td>per 100</td> </tr> <tr> <td></td> <td></td> <td></td> <td>89</td> </tr> </table>		710521		g				per 100				89	Optical waveguide for POF, solid, turned <table border="0"> <tr> <td></td> <td>710531</td> <td></td> <td>g</td> </tr> <tr> <td></td> <td></td> <td></td> <td>per 100</td> </tr> <tr> <td></td> <td></td> <td></td> <td>74</td> </tr> </table>		710531		g				per 100				74																																																
	710521		g																																																																							
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Packaging unit	100 pcs.	100 pcs.																																																																								
Coding pin	700734																																																																									
																																																																										
Packaging unit	10 pcs.																																																																									
Weight	10 g / 10 pcs.																																																																									
		The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not used.																																																																								

Accessories **Crimping tool, removal tool, etc. see chapter 10 "Accessories"**

Matching housings see page 169

Approvals/Certification mark	Wiring adapter female insert	Wiring adapter male insert
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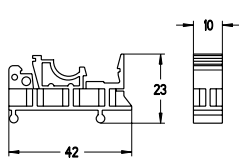
UL/CSA: 600 V

Part no.:	710658 Ground pin on the right 0.5-2.5 mm ² (20-14 AWG) 710662 Ground pin on the left 0.5-2.5 mm ² (20-14 AWG)	710666 Ground pin on the right 0.5-2.5 mm ² (20-14 AWG) 710670 Ground pin on the left 0.5-2.5 mm ² (20-14 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	122 g	124 g

	Combi snap element	
--	--------------------	--

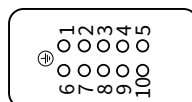
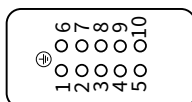
for DIN-rail mounting
Qty. req'd per adapter: 1 pcs.



Part no.:	710807
Packaging unit	10 pcs.
Weight	4 g

Contact arrangement

View from termination side

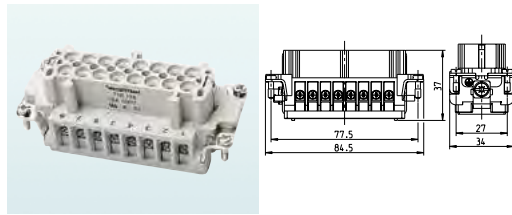


1
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9
10
11
Inserts B6/BB10
Inserts B10/BB18
Inserts B16/BB32
Inserts B24/BB46
Inserts B32
Inserts BB64/B48/BB92
Inserts BA6/BA12

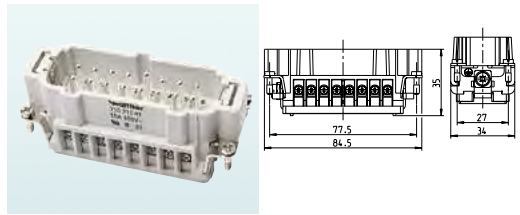
Approvals/Certification mark



Female insert



Male insert



Part no.:

710116 with wire protection
0.5-2.5 mm² (20-14 AWG)

710216 with wire protection
0.5-2.5 mm² (20-14 AWG)

Packaging unit: 10 pcs.
Weight: 94 g

Packaging unit: 10 pcs.
Weight: 94 g

710771 without wire protection
0.5-4 mm² (20-12 AWG)

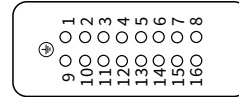
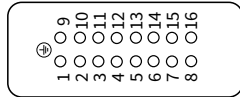
710775 without wire protection
0.5-4 mm² (20-12 AWG)

10 pcs.
90 g

10 pcs.
90 g

Contact arrangement

View from termination side

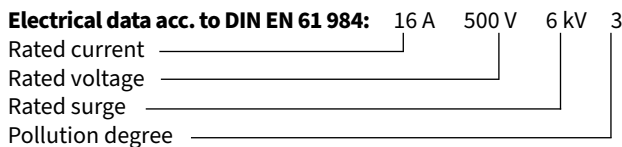


Coding see page 317

Specifications series B16

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 16 + PE



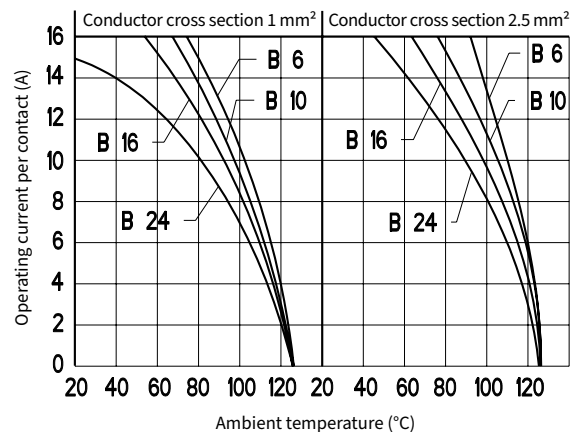
Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

Contacts

Material: Copper alloy
Surface: • hard silver-plated: 3 µm Ag
• hard gold-plated: 2 µm Au over 3 µm Ni
Contact resistance: < 1 m Ω

Screw terminal with wire protection: 2.5 mm² (20-14 AWG)
Screw terminal without wire protection: 4 mm² (20-12 AWG)
Torque / testing torque: 0.5 Nm
Wire stripping length: 7 mm if using screw terminals
IDC terminals: 0.5-2.5 mm² (20-14 AWG)



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Inserts series B16 P +

Termination method: IDC | 16 A, 500 V

Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V 	 	
Part no.:	71011601 0.5-2.5 mm ² (20-14 AWG)	71021601 0.5-2.5 mm ² (20-14 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	102 g	102 g
Coding pin for pushing into the coding grooves	 710607	<i>B 6 inserts can be equipped with max. 2 coding pins</i>
Packaging unit	10 pcs.	
Weight	10 g / 10 pcs.	
Contact arrangement View from termination side		

Coding see page 317

Inserts series B16 P +

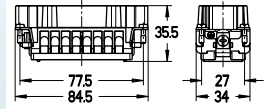
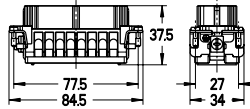
Termination method: Push-in | 16 A, 500 V

Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V UR, CSA, SEV, MEIE, EZÚ	 	
Part no.:	71011604	71021604
Packaging unit	10 pcs.	10 pcs.
Weight	89 g	84 g
Coding pin for pushing into the coding grooves	 710607	<i>B 16 inserts can be equipped with max. 4 coding pins</i>
Packaging unit	10 pcs.	
Weight	10 g / 10 pcs.	
Contact arrangement Series B 16 View from termination side		

1
2
3
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7
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9
10
11
Inserts B6/BB10
Inserts B10/BB18
Inserts B16
Inserts B24/BB46
Inserts B32
Inserts BB64/B48/BB92
Inserts BA6/BA12

Approvals/Certification mark | **Contact carriers for sleeve contacts** | **Contact carriers for pin contacts**

UL/CSA: 600 V

Part no.: **710333**

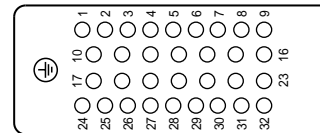
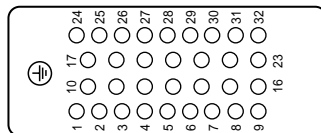
Packaging unit: 10 pcs.
Weight: 68 g

Part no.: **710433**

Packaging unit: 10 pcs.
Weight: 58 g

Contact arrangement Series BB 32

View from termination side



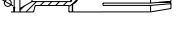

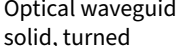

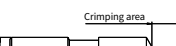


Contacts for crimp contact carriers


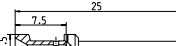
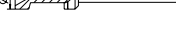

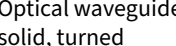


Terminal cross section

0.14-0.37 mm ²	26-22 AWG
0.5 mm ²	20 AWG
0.75 mm ²	18 AWG
1 mm ²	18 AWG
1.5 mm ²	16 AWG
2.5 mm ²	14 AWG
4.0 mm ²	12 AWG

Sleeve contacts for series B and BB for crimp terminal, solid, turned



	silver-plated	gold-plated	g
	710508	710916	per 100
	710504	710842	162
	710509	710917	160
	710500	710843	148
	710501	710844	148
	710502	710845	150
	710503	710846	154
			165

Pin contacts for series B and BB for crimp terminal, solid, turned



	silver-plated	gold-plated	g
	710518	710918	per 100
	710514	710847	125
	710519	710919	124
	710510	710848	128
	710511	710849	128
	710512	710850	132
	710513	710851	132
			134

POF Ø 1 mm = polymer optical fiber

Optical waveguide for POF, solid, turned

	g
	per 100
	89

Optical waveguide for POF, solid, turned

	g
	per 100
	74

Packaging unit

100 pcs.

100 pcs.

Coding pin

Packaging unit: 10 pcs.
Weight: 10 g / 10 pcs.



700734

The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not used.

Accessories

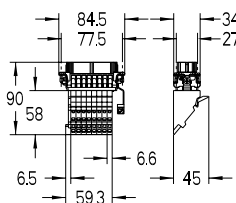
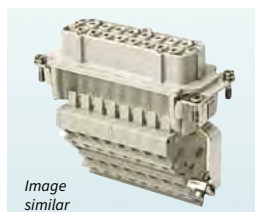
Crimping tool, removal tool, etc. see chapter 10 "Accessories"

Matching housings see page 199

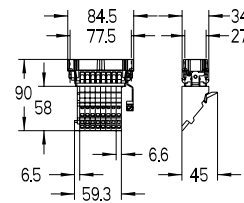
Approvals/Certification mark



Wiring adapter female insert



Wiring adapter male insert



Part no.:

710659 ground pin on the right 0.5-2.5 mm² (20-14 AWG)

710667 ground pin on the right 0.5-2.5 mm² (20-14 AWG)

710663 ground pin on the left 0.5-2.5 mm² (20-14 AWG)

710671 ground pin on the left 0.5-2.5 mm² (20-14 AWG)

Packaging unit

10 pcs.

10 pcs.

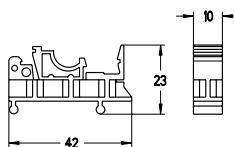
Weight

136 g

135 g

Combi snap element

for DIN-rail mounting
Qty. req'd per adapter: 1 pcs.



Part no.:

710807

Packaging unit

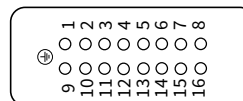
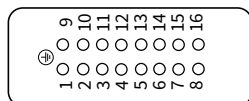
10 pcs.

Weight

4 g

Contact arrangement

View from termination side



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8

9

10

11

Inserts
B6/BB10

Inserts
B10/BB18



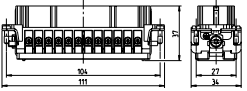

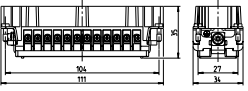
Inserts
B16/BB32

Inserts
B24/BB46

Inserts
B32

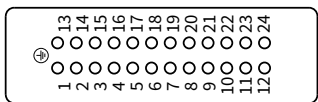
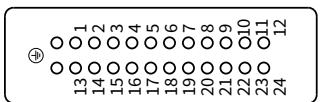
Inserts
BB64/B48/BB92

Inserts
BA6/BA12

Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V 	 	 
Part no.:	710124 with wire protection 0.5-2.5 mm ² (20-14 AWG)	710224 with wire protection 0.5-2.5 mm ² (20-14 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	138 g	118 g
	710772 without wire protection 0.5-4 mm ² (20-12 AWG)	710776 without wire protection 0.5-4 mm ² (20-12 AWG)
	10 pcs. 134 g	10 pcs. 114 g

Contact arrangement

View from termination side



Coding see page 317

Specifications series B24

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 24 + PE

Electrical data acc. to DIN EN 61 984: 16 A 500 V 6 kV 3

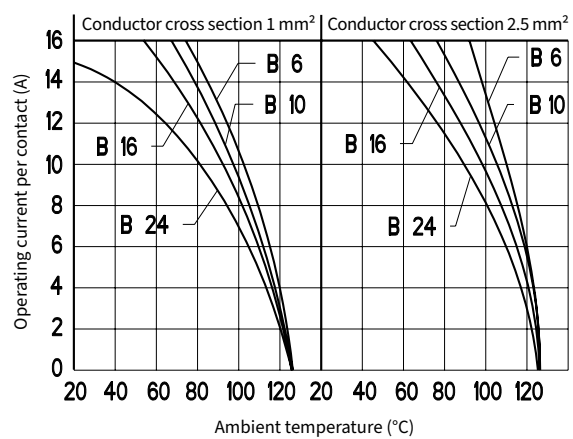
Rated current _____
 Rated voltage _____
 Rated surge _____
 Pollution degree _____

Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide
 Temperature range: - 40 °C up to + 125 °C
 Flame class rating acc. to UL 94: V 0
 Mechanical operating life: ≥ 500 mating cycles

Contacts
 Material: Copper alloy
 Surface: • hard silver-plated: 3 µm Ag
 • hard gold-plated: 2 µm Au over 3 µm Ni
 Contact resistance: < 1 m Ω



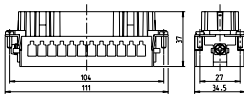

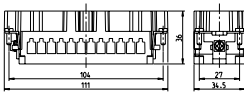
Screw terminal with wire protection: 2.5 mm² (20-14 AWG)
 Screw terminal without wire protection: 4 mm² (20-12 AWG)
 Torque / testing torque: 0.5 Nm
 Wire stripping length: 7 mm if using screw terminals
 IDC terminals: 0.5-2.5 mm² (20-14 AWG)




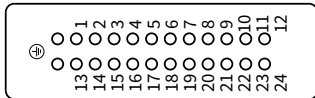
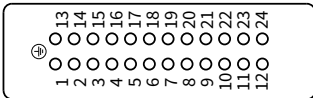
The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Inserts series B24 P +

Termination method: IDC | 16 A, 500 V

Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V 	 	 
Part no.:	71012401 0.5-2.5 mm ² (20-14 AWG)	71022401 0.5-2.5 mm ² (20-14 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	135 g	135 g


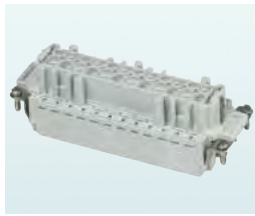
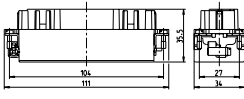

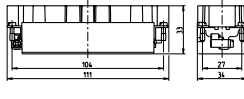
Coding pin for pushing into the coding grooves		710607 <i>B 6 inserts can be equipped with max. 2 coding pins</i>
Packaging unit	10 pcs.	
Weight	10 g / 10 pcs.	


Contact arrangement	Female insert	Male insert
View from termination side		

Coding see page 317

Inserts series B24 P +


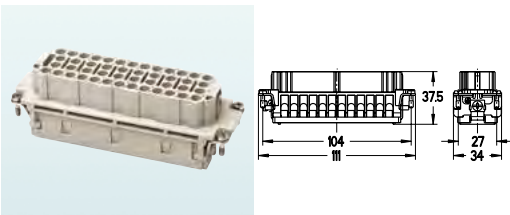
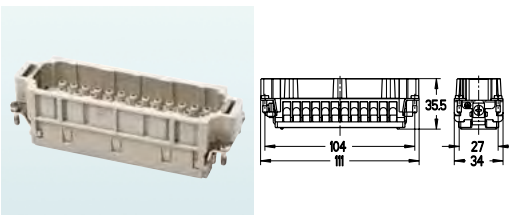
Termination method: Push-in | 16 A, 500 V

Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V 	 	 
Part no.:	71012404	71022404
Packaging unit	10 pcs.	10 pcs.
Weight	89 g	84 g

Coding pin for pushing into the coding grooves		710607 <i>B 24 inserts can be equipped with max. 4 coding pins</i>
Packaging unit	10 pcs.	
Weight	10 g / 10 pcs.	

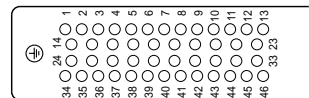
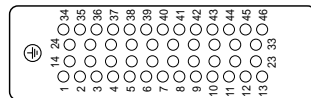
Contact arrangement	Female insert	Male insert
View from termination side	Series B 24 	

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2
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9
10
11
Inserts B6/BB10
Inserts B10/BB18
Inserts B16/BB32
Inserts B24
Inserts B32
Inserts BB64/B48/BB92
Inserts BA6/BA12

Approvals/Certification mark	Contact carriers for sleeve contacts	Contact carriers for pin contacts
UL/CSA: 600 V 		
Part no.:	710346	710446
Packaging unit	10 pcs.	10 pcs.
Weight	90 g	74 g

Contact arrangement Series BB 46

View from termination side


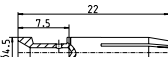



Contacts for crimp contact carriers


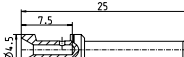

Terminal cross section

0.14-0.37 mm ²	26-22 AWG
0.5 mm ²	20 AWG
0.75 mm ²	18 AWG
1 mm ²	18 AWG
1.5 mm ²	16 AWG
2.5 mm ²	14 AWG
4.0 mm ²	12 AWG

Sleeve contacts for series B and BB
for crimp terminal, solid, turned


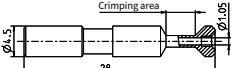
	silver-plated	gold-plated	g per 100
	710508	710916	162
	710504	710842	160
	710509	710917	148
	710500	710843	148
	710501	710844	150
	710502	710845	154
	710503	710846	165

Pin contacts for series B and BB
for crimp terminal, solid, turned


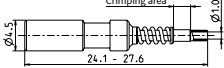
	silver-plated	gold-plated	g per 100
	710518	710918	125
	710514	710847	124
	710519	710919	128
	710510	710848	128
	710511	710849	132
	710512	710850	132
	710513	710851	134

POF Ø 1 mm
= polymer optical fiber

Optical waveguide for POF, solid, turned

	g per 100
	710521
	89

Optical waveguide for POF, solid, turned

	g per 100
	710531
	74

Packaging unit

100 pcs.

100 pcs.

Coding pin

Packaging unit
Weight



700734
10 pcs.
10 g / 10 pcs.

The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not used.

Accessories

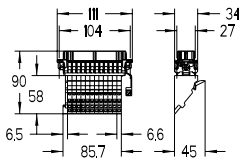
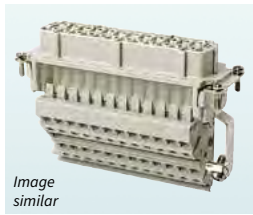
Crimping tool, removal tool, etc. see chapter 10 "Accessories"

Matching housings see page 229

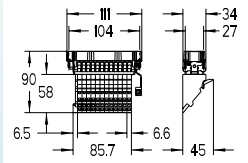
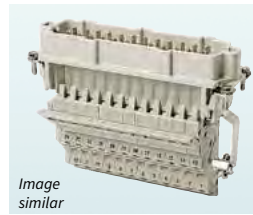
Approvals/Certification mark



Wiring adapter female insert



Wiring adapter male insert



Part no.:

710660 ground pin on the right 0.5-2.5 mm² (20-14 AWG)

710668 ground pin on the right 0.5-2.5 mm² (20-14 AWG)

710664 ground pin on the left 0.5-2.5 mm² (20-14 AWG)

710672 ground pin on the left 0.5-2.5 mm² (20-14 AWG)

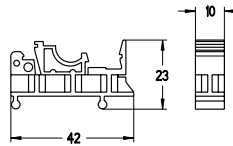
Packaging unit
Weight

10 pcs.
140 g

10 pcs.
241 g

Combi snap element

for DIN-rail mounting
Qty. req'd per adapter: 1 pcs.



Part no.:

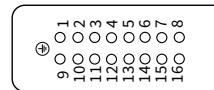
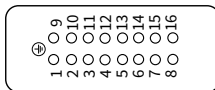
710807

Packaging unit
Weight



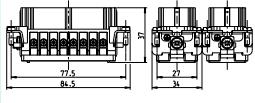

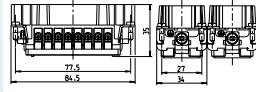
10 pcs.
4 g

Contact arrangement

View from termination side

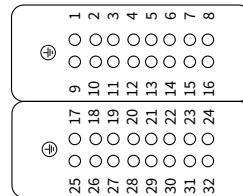
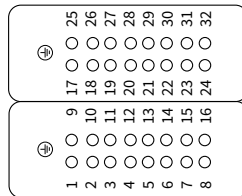


- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- Inserts B6/BB10
- Inserts B10/BB18
- Inserts B16/BB32
- Inserts B24/BB46
- Inserts B32
- Inserts BB64/B48/BB92
- Inserts BA6/BA12

Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V 	 	 
Part no.:	710116 with wire protection 1-16 710132 with wire protection 17-32 0.5-2.5 mm ² (20-14 AWG)	710216 with wire protection 710232 with wire protection 0.5-2.5 mm ² (20-14 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	94 g	94 g
	710771 without wire protection 710859 without wire protection 0.5-4 mm ² (20-12 AWG)	710775 without wire protection 710860 without wire protection 0.5-4 mm ² (20-12 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	90 g	90 g

Contact arrangement

View from termination side



Coding see page 317

Specifications series B32

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 32 + PE

Electrical data acc. to DIN EN 61 984: 16 A 500 V 6 kV 3

Rated current _____
 Rated voltage _____
 Rated surge _____
 Pollution degree _____

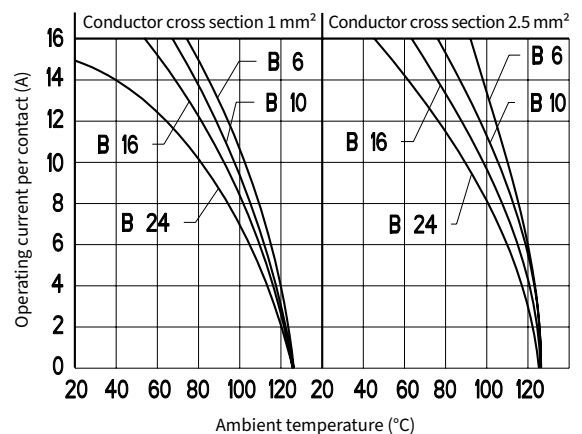
Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide
 Temperature range: - 40 °C up to + 125 °C
 Flame class rating acc. to UL 94: V 0
 Mechanical operating life: ≥ 500 mating cycles

Contacts

Material: Copper alloy
 Surface: • hard silver-plated: 3 µm Ag
 • hard gold-plated: 2 µm Au over 3 µm Ni
 Contact resistance: < 1 m Ω



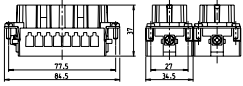

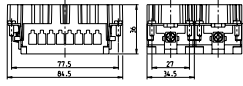
Screw terminal with wire protection: 2.5 mm² (20-14 AWG)
 Screw terminal without wire protection: 4 mm² (20-12 AWG)
 Torque / testing torque: 0.5 Nm
 Wire stripping length: 7 mm if using screw terminals
 IDC terminals: 0.5-2.5 mm² (20-14 AWG)




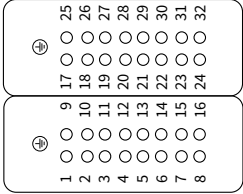
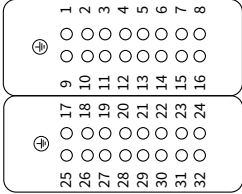
The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Inserts series B32 P +

Termination method: IDC | 16 A, 500 V

Approvals/Certification mark	Female insert	Male insert
	 	 
Part no.:	71011601 1-16 71013201 17-32 0.5-2.5 mm ² (20-14 AWG)	71021601 1-16 71023201 17-32 0.5-2.5 mm ² (20-14 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	102 g	102 g


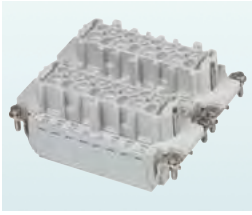
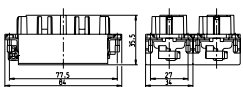

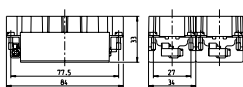
Coding pin for pushing into the coding grooves		710607	<i>B 6 inserts can be equipped with max. 2 coding pins</i>
Packaging unit		10 pcs.	
Weight		10 g / 10 pcs.	


Contact arrangement	Female insert	Male insert
View from termination side		

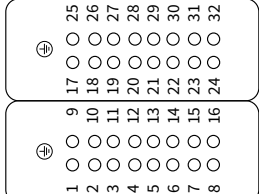
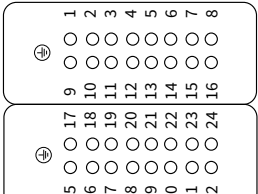
Coding see page 317



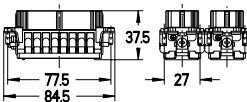

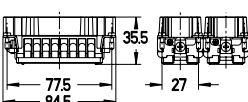
Inserts series B32 P +

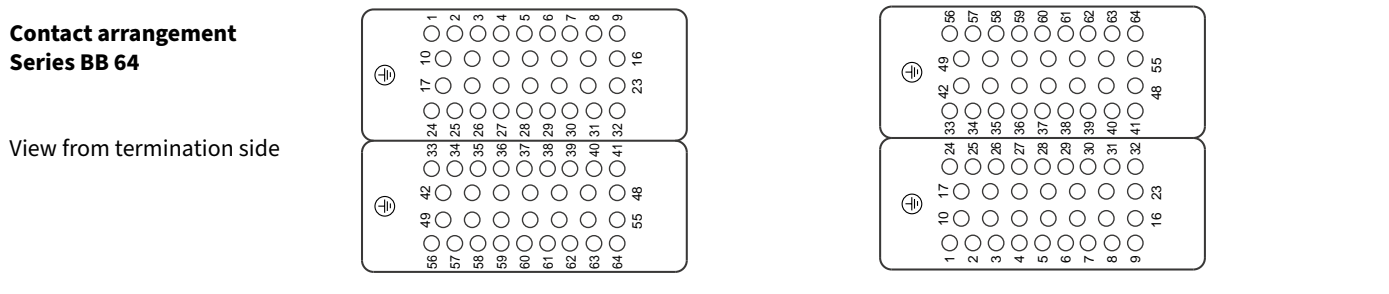
Termination method: Push-in | 16 A, 500 V

Approvals/Certification mark	Female insert	Male insert
	 	 
Part no.:	71011604 1-16 71013204 17-32 0.5-2.5 mm ² (20-14 AWG)	71021604 1-16 71023204 17-32 0.5-2.5 mm ² (20-14 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	89 g	84 g

Coding pin for pushing into the coding grooves		710607	<i>B 32 inserts can be equipped with max. 8 coding pins</i>
Packaging unit		10 pcs.	
Weight		10 g / 10 pcs.	


Contact arrangement	Female insert	Male insert
View from termination side		

Approvals/Certification mark	Contact carriers for sleeve contacts	Contact carriers for pin contacts
UL/CSA: 600 V 	 	 
Part no.:	710333 for sleeve contacts 1 - 32 710364 for sleeve contacts 33 - 64	710433 for pin contacts 1 - 32 710464 for pin contacts 33 - 64
Packaging unit	10 pcs.	10 pcs.
Weight	68 g	58 g





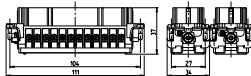

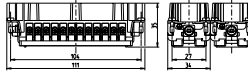
Contacts for crimp contact carriers

Terminal cross section	Sleeve contacts for series B and BB for crimp terminal, solid, turned	Pin contacts for series B and BB for crimp terminal, solid, turned
0.14-0.37 mm ² 26-22 AWG	silver-plated 710508 gold-plated 710916 g per 100 162	silver-plated 710518 gold-plated 710918 g per 100 125
0.5 mm ² 20 AWG	710504 710842 160	710514 710847 124
0.75 mm ² 18 AWG	710509 710917 148	710519 710919 128
1 mm ² 18 AWG	710500 710843 148	710510 710848 128
1.5 mm ² 16 AWG	710501 710844 150	710511 710849 132
2.5 mm ² 14 AWG	710502 710845 154	710512 710850 132
4.0 mm ² 12 AWG	710503 710846 165	710513 710851 134
POF Ø 1 mm = polymer optical fiber	Optical waveguide for POF, solid, turned 710521 g per 100 89	Optical waveguide for POF, solid, turned 710531 g per 100 74
Packaging unit	100 pcs.	100 pcs.

Coding pin	 700734	The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not used.
Packaging unit	10 pcs.	
Weight	10 g / 10 pcs.	

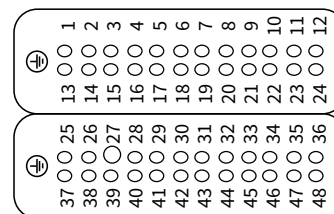
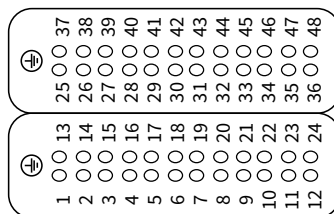
Accessories Crimping tool, removal tool, etc. see chapter 10 "Accessories"

Matching housings see page 259

Approvals/Certification mark	Female insert	Male insert
	 	 
Part no.:	710124 with wire protection 1-24, 710148 with wire protection 25-48 0.5-2.5 mm ² (20-14 AWG)	710224 with wire protection 1-24, 710248 with wire protection 0.5-2.5 mm ² (20-14 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	138 g	118 g
	710772 without wire protection 1-24 710861 without wire protection 25-48 0.5-4 mm ² (20-12 AWG)	710776 without wire protection 1-24 710862 without wire protection 25-48 0.5-4 mm ² (20-12 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	130 g	110 g

Contact arrangement

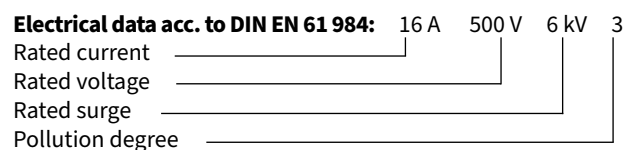
View from termination side



Specifications series B48

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 48 + PE



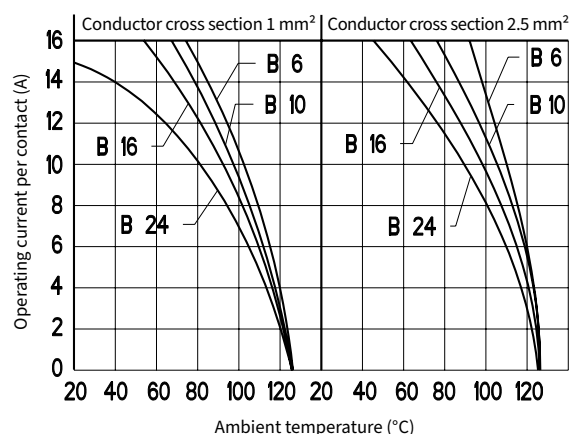
Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide
 Temperature range: - 40 °C up to + 125 °C
 Flame class rating acc. to UL 94: V0
 Mechanical operating life: ≥ 500 mating cycles



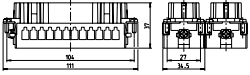

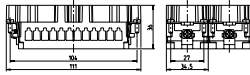
Contacts


Material: Copper alloy
 Surface: • hard silver-plated: 3 µm Ag
 • hard gold-plated: 2 µm Au over 3 µm Ni
 Contact resistance: < 1 m Ω


Screw terminal with wire protection: 2.5 mm² (20-14 AWG)
 Screw terminal without wire protection: 4 mm² (20-12 AWG)
 Torque / testing torque: 0.5 Nm
 Wire stripping length: 7 mm if using screw terminals
 IDC terminals: 0.5-2.5 mm² (20-14 AWG)


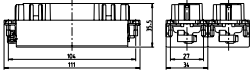

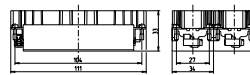



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V 	 	 
Part no.:	71012401 1-24 71014801 25-48	71022401 1-24 71024801 25-48
Packaging unit	10 pcs.	10 pcs.
Weight	135 g	135 g
Terminal cross section:	0.5-2.5 mm ² (20-14 AWG)	0.5-2.5 mm ² (20-14 AWG)

Coding pin for pushing into the coding grooves		710607	<i>B 6 inserts can be equipped with max. 2 coding pins</i>
Packaging unit	10 pcs.		
Weight	10 g / 10 pcs.		

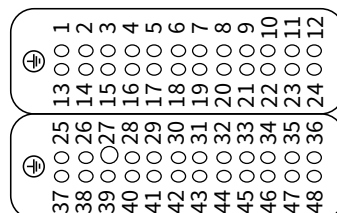
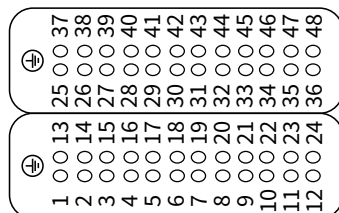
Inserts series B48 P + 
Termination method: Push-in | 16 A, 500 V



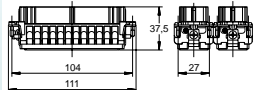

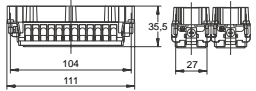
Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V UR, CSA, SEV, MEIE, EZÚ	 	 
Part no.:	71012404 1-24 71014804 25-48	71022404 1-24 71024804 25-48
Packaging unit	10 pcs.	10 pcs.
Weight	119 g	113 g

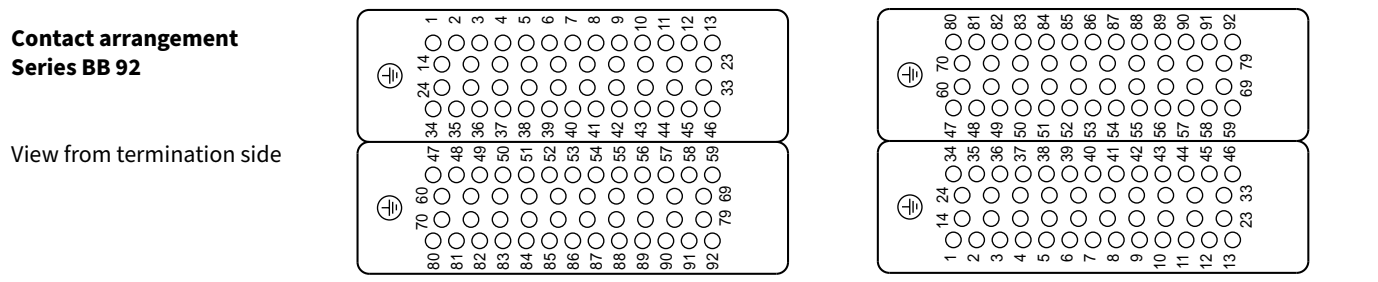
Coding pin for pushing into the coding grooves		710607	<i>B 48 inserts can be equipped with max. 8 coding pins</i>
Packaging unit	10 pcs.		
Weight	10 g / 10 pcs.		

**Contact arrangement
Series B 48**

View from termination side



Approvals/Certification mark	Contact carriers for sleeve contacts	Contact carriers for pin contacts
UL/CSA: 600 V 	 	 
Part no.:	710346 for sleeve contacts 1-46 710392 for sleeve contacts 47 - 92	710446 for pin contacts 1-46 710492 for pin contacts 47 - 92
Packaging unit	10 pcs.	10 pcs.
Weight	90 g	74 g



Contacts for crimp contact carriers

Terminal cross section	sleeve contacts for series B and BB for crimp terminal, solid, turned		pin contacts for series B and BB for crimp terminal, solid, turned	
	silver-plated	gold-plated	silver-plated	gold-plated
0.14-0.37 mm ² 26-22 AWG	710508	710916	710518	710918
0.5 mm ² 20 AWG	710504	710842	710514	710847
0.75 mm ² 18 AWG	710509	710917	710519	710919
1 mm ² 18 AWG	710500	710843	710510	710848
1.5 mm ² 16 AWG	710501	710844	710511	710849
2.5 mm ² 14 AWG	710502	710845	710512	710850
4.0 mm ² 12 AWG	710503	710846	710513	710851
POF Ø 1 mm = polymer optical fiber	Optical waveguide for POF, solid, turned	710521	Optical waveguide for POF, solid, turned	710531
Packaging unit	100 pcs.		100 pcs.	

Coding pin	700734	The use of a coding pin prevents confusion of equal connectors. The pin contact opposite to the coding pin is not used.
Packaging unit	10 pcs.	
Weight	10 g / 10 pcs.	

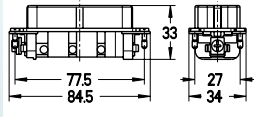
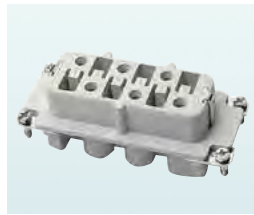
Accessories Crimping tool, removal tool, etc. see chapter 10 "Accessories"

Matching housings see page 267

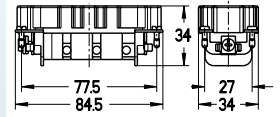
Approvals/Certification mark



Female insert



Male insert



Part no.:

710620

with wire protection
0.5-6 mm² (20-10 AWG)

710621

with wire protection
0.5-6 mm² (20-10 AWG)

Packaging unit

10 pcs.

10 pcs.

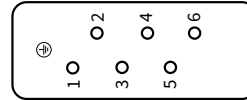
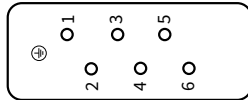
Weight

88 g

86 g

Contact arrangement

View from termination side



Specifications series BA

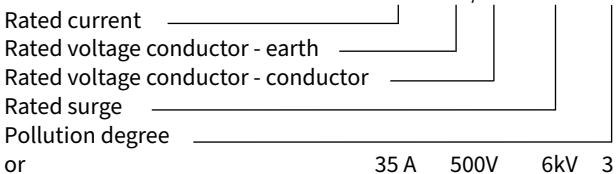
Regulations:

DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles:

6 + PE, 12 (2 x6) + PE

Electrical data acc. to DIN EN 61984: 35 A 400/690V 6 kV 3



Rated voltage acc. to UL/CSA:

600 V

Material:

Glassfiber reinforced polyamide

Temperature range:

- 40 °C up to + 125 °C

Flame class rating acc. to UL 94:

V 0

Mechanical operating life:

≥ 500 mating cycles

Contacts

Material:

Copper alloy

Surface - hard silver-plated:

3 μm Ag

Contact resistance:

≤ 0.5 m Ω

Screw terminal with wire protection:

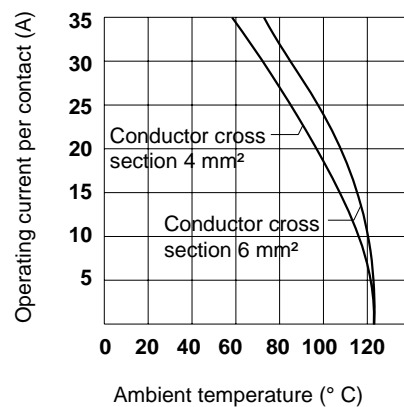
6 mm² (20-10 AWG)

Torque/testing torque:

1.2 Nm

Wire stripping length:

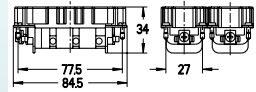
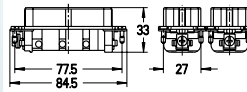
10 mm



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

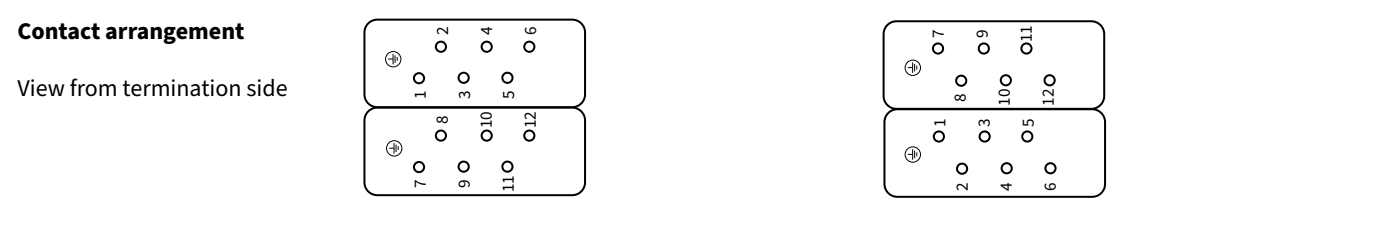
Approvals/Certification mark	Female insert	Male insert
------------------------------	---------------	-------------

UL/CSA: 600 V

Part no.:	710620 1 - 6 with wire protection 710692 7 - 12 0.5-6 mm ² (20-10 AWG)	710621 1 - 6 with wire protection 710693 7 - 12 0.5-6 mm ² (20-10 AWG)
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Packaging unit	10 pcs.	10 pcs.
Weight	88 g	86 g

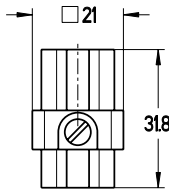


- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- Inserts B6/BB10
- Inserts B10/BB18
- Inserts B16/BB32
- Inserts B24/BB46
- Inserts B32
- Inserts B48/BB92
- Inserts BA6/BA12

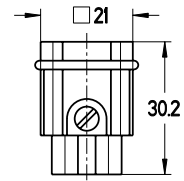
Approvals/Certification mark



Contact carriers for sleeve contacts



Contact carriers for pin contacts



Part no.: 720307

Packaging unit: 10 pcs.
Weight: 18 g

Part no.: 720407

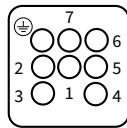
Packaging unit: 10 pcs.
Weight: 14 g

Please order crimp and glass fiber cable contacts separately

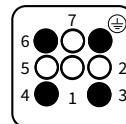
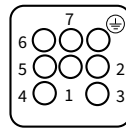
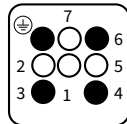
Contact arrangement

View from termination side

D 7 fully equipped with 7 + PE contacts
Rated voltage: 250 V



D 7 modified: D 3-pole + PE
D 7 equipped with 3 + PE contacts
Rated voltage: 500 V



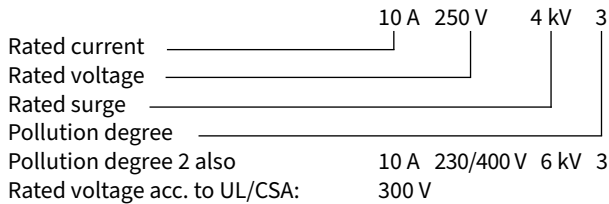
● working contact
○ without contact

Specifications series D

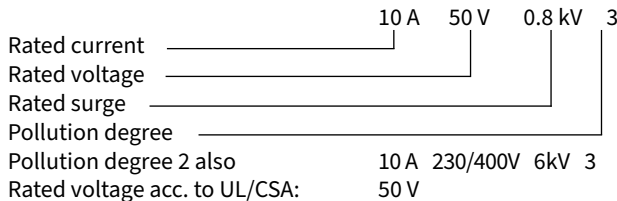
Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 7 + PE, 8

Electrical data acc. to DIN EN 61 984 for series D 7:



Electrical data acc. to DIN EN 61 984 for series D 8:

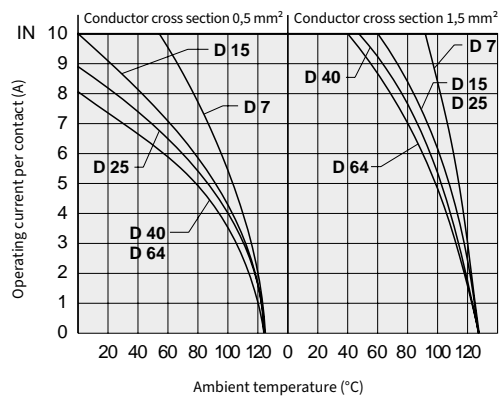


Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles


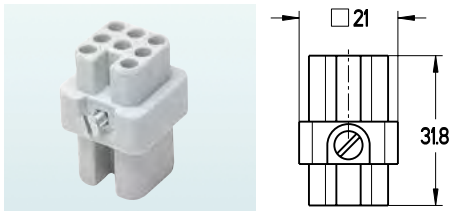
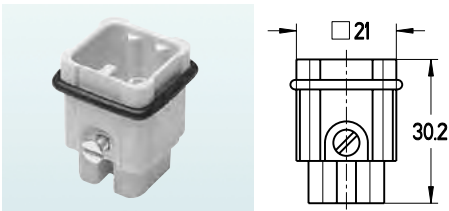
Contacts

Material: Copper alloy
Surface - hard silver-plated: 3 μm Ag
Surface - hard gold-plated: 2 μm Au placed on top of 3 μm Ni
Contact resistance: < 3 mΩ

Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG
Wire stripping length: 7 mm



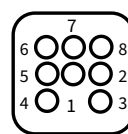
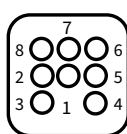
The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

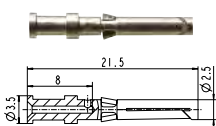
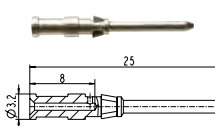
Approvals/Certification mark	Contact carriers for sleeve contacts	Contact carriers for pin contacts
UL/CSA: 300 V 		
Part no.:	720308	720408
Packaging unit	10 pcs.	10 pcs.
Weight	8 g	7 g
Please order crimp and glass fiber cable contacts separately		

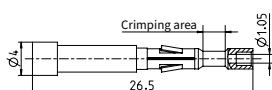
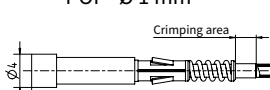
Contact arrangement

View from termination side

D 8 fully equipped with 8 contacts
 Rated voltage: 42 V



Contacts D series	Sleeve contact D for crimp terminal, solid, turned	Pin contact D for crimp terminal, solid, turned
Terminal cross section 0.14 - 0.37 mm ² 26 - 22 AWG 0.5 mm ² 20 AWG 0.75 - 1 mm ² 19 - 18 AWG 1.5 mm ² 16 AWG 2.5 mm ² 14 AWG	 silver-plated 720506 gold-plated 720686 silver-plated 720507 gold-plated 720687 silver-plated 720508 gold-plated 720688 silver-plated 720509 gold-plated 720689 silver-plated 720502 gold-plated 720690	 silver-plated 720516 gold-plated 720691 silver-plated 720517 gold-plated 720692 silver-plated 720518 gold-plated 720693 silver-plated 720519 gold-plated 720694 silver-plated 720512 gold-plated 720695

Sleeve and pin contacts	Sleeve contact	Pin contact
POF Ø 1 mm = polymer optical fiber	Optical waveguide for POF, solid, turned silver-plated 720520 POF* Ø 1 mm 	Optical waveguide for POF, solid, turned silver-plated 720530 POF* Ø 1 mm 

Dummy contact sleeve	Coding system
for coding with loss of one contact  silver-plated 720696	In order to prevent the inadvertent mating of similar contact inserts, a coding system is required. Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The male pin should be omitted from the opposing cavity in the male insert.

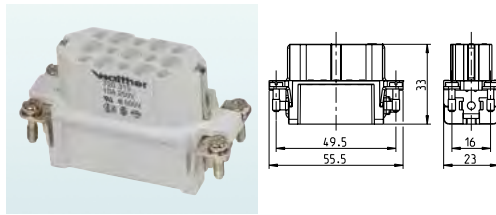
Packaging unit	100 pcs.
----------------	----------

1
2
3
4
5
6
7
8
9
10
11
Inserts D7/D8
Inserts D15/D25
Inserts D40/D50
Inserts D64/D80/D128
Inserts DD24/DD42
Inserts DD72/DD108
Inserts DD144/DD216

Approvals/Certification mark



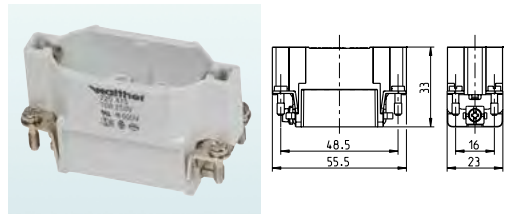
Contact carriers for sleeve contacts



Part no.: 720315

Packaging unit: 10 pcs.
Weight: 29 g

Contact carriers for pin contacts



Part no.: 720415

Packaging unit: 10 pcs.
Weight: 29 g

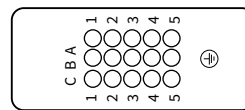
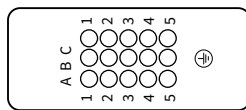
Please order crimp and glass fiber cable contacts separately

Contact arrangement

View from termination side

D 15 fully equipped with 15 contacts

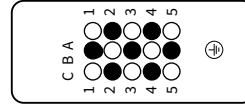
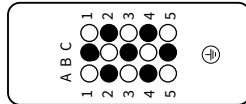
Rated voltage: 250 V



D 15 modified: D 7.1-pole + PE

D 15 equipped with 7 contacts

Rated voltage: 400 V

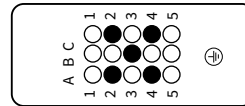
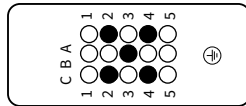


● working contact
○ without contact

D 15 modified: D 5-pole + PE

D 15 equipped with 5 contacts

Rated voltage: 500 V

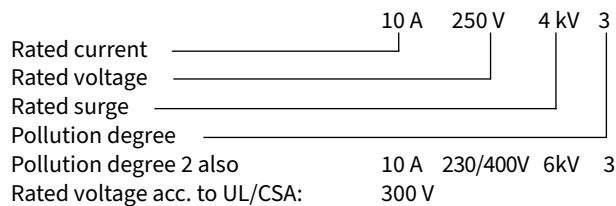


Specifications series D

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 15 + PE, 25 + PE

Electrical data acc. to DIN EN 61 984 for series D 15 and D 25:

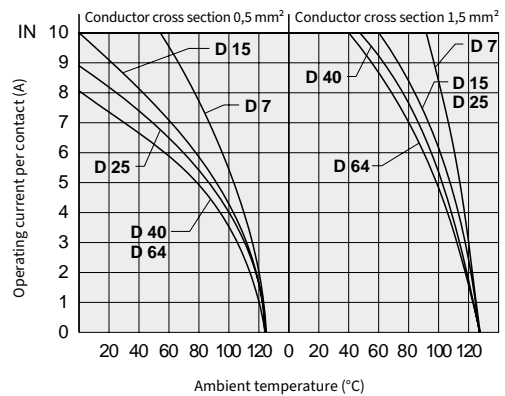


Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles




Contacts

Material: Copper alloy
Surface - hard silver-plated: 3 μm Ag
Surface - hard gold-plated: 2 μm Au placed on top of 3 μm Ni
Contact resistance: < 3 m Ω

Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG
Wire stripping length: 7 mm



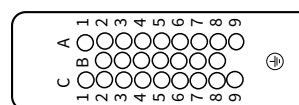
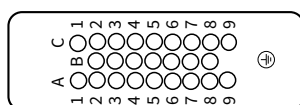
The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Approvals/Certification mark	Contact carriers for sleeve contacts	Contact carriers for pin contacts
		
Part no.:	720325	720425
Packaging unit	10 pcs.	10 pcs.
Weight	36 g	34 g
<i>Please order crimp and glass fiber cable contacts separately</i>		

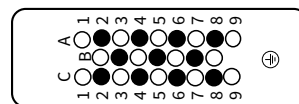
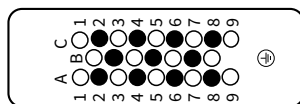
Contact arrangement

View from termination side

D 25 fully equipped with 25 contacts
Rated voltage: 250 V



D 15 modified: D 11-pole + PE
D 25 equipped with 11 contacts
Rated voltage: 500 V



● working contact
○ without contact

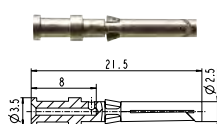
Contacts for D series

Terminal cross section

0.14 - 0.37 mm ²	26 - 22 AWG
0.5 mm ²	20 AWG
0.75 - 1 mm ²	19 - 18 AWG
1.5 mm ²	16 AWG
2.5 mm ²	14 AWG

Sleeve contact D

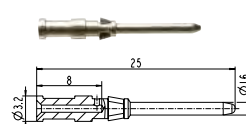
for crimp terminal, solid, turned



silver-plated	gold-plated
720506	720686
720507	720687
720508	720688
720509	720689
720520	720690

Pin contact D

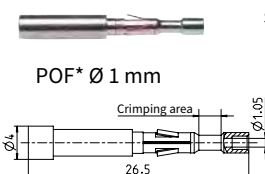
for crimp terminal, solid, turned,



silver-plated	gold-plated
720516	720691
720517	720692
720518	720693
720519	720694
720512	720695

Sleeve and pin contacts

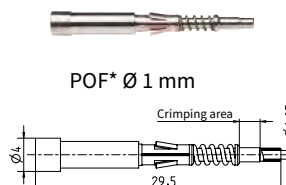
Optical waveguide for POF, solid, turned



silver-plated
720520

POF* Ø 1 mm

Optical waveguide for POF, solid, turned



silver-plated
720530

POF* Ø 1 mm

Packaging unit

100 pcs.

100 pcs.

Dummy contact sleeve

for coding with loss of one contact



silver-plated
720696

In order to prevent the inadvertent mating of similar contact inserts, a coding system is required.

Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The male pin should be omitted from the opposing cavity in the male insert.

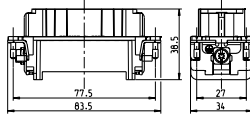
Packaging unit

100 pcs.

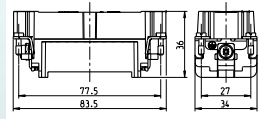
Approvals/Certification mark



Contact carriers for sleeve contacts



Contact carriers for pin contacts



Part no.: 720340

Packaging unit: 10 pcs.
Weight: 64 g

Part no.: 720440

Packaging unit: 10 pcs.
Weight: 57 g

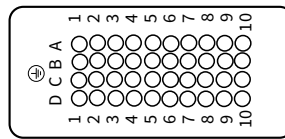
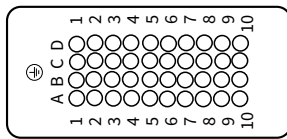
Please order crimp and glass fiber cable contacts separately

Contact arrangement

View from termination side

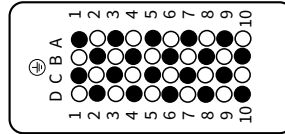
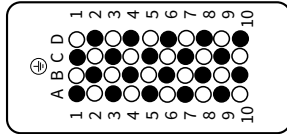
D 40 fully equipped with 40 contacts

Rated voltage: 250 V



D 40 modified: D 20-poles + PE

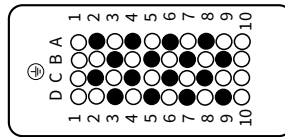
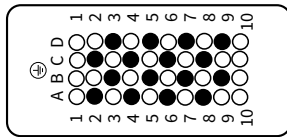
D 40 equipped with 20 contacts
Rated voltage: 400 V



● working contact
○ without contact

D 40 modified: D 16-poles + PE

D 40 equipped with 16 contacts
Rated voltage: 500 V

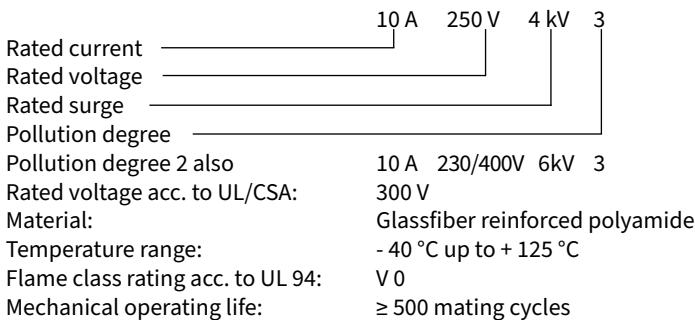


Specifications series D

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

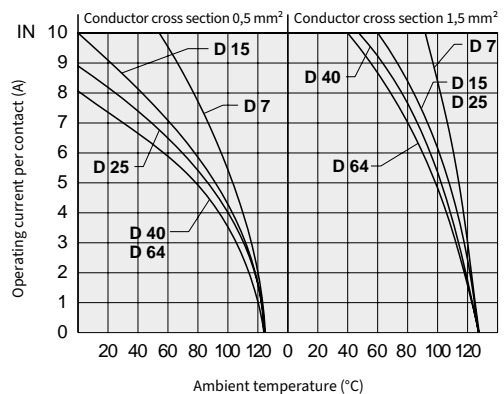
Number of poles: 40 + PE

Electrical data acc. to DIN EN 61 984 for series D 40:

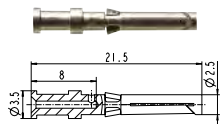
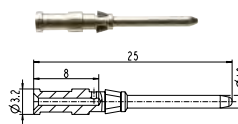
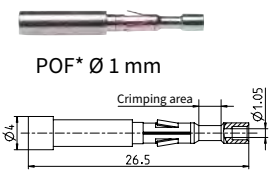
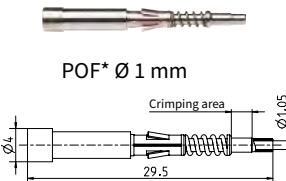






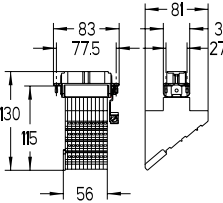
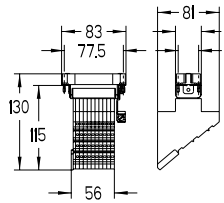

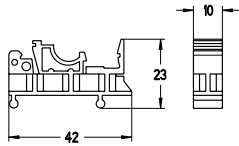
Contacts

Material: Copper alloy
Surface - hard silver-plated: 3 µm Ag
Surface - hard gold-plated: 2 µm Au placed on top of 3 µm Ni
Contact resistance: < 3 mΩ
Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG
Wire stripping length: 7 mm



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

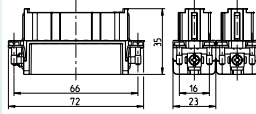
Contacts for D series							
Terminal cross section	Sleeve contact D for crimp terminal, solid, turned			Pin contact D for crimp terminal, solid, turned			
0.14 - 0.37 mm ²	26 - 22 AWG		silver-plated 720506	gold-plated 720686		silver-plated 720516	
0.5 mm ²	20 AWG		720507	720687		gold-plated 720691	
0.75 - 1 mm ²	19 - 18 AWG		720508	720688		720692	
1.5 mm ²	16 AWG		720509	720689		720693	
2.5 mm ²	14 AWG		720502	720690		720694	
		Sleeve and pin contacts Optical waveguide for POF, solid, turned				Optical waveguide for POF, solid, turned	
			silver-plated 720520				silver-plated 720530
		POF* Ø 1 mm				POF* Ø 1 mm	
		Crimping area				Crimping area	
		26.5				29.5	
Packaging unit		100 pcs.				100 pcs.	
		Dummy contact sleeve for coding with loss of one contact				<i>In order to prevent the inadvertent mating of similar contact inserts, a coding system is required.</i>	
			silver-plated 720696			<i>Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The male pin should be omitted from the opposing cavity in the male insert.</i>	
Packaging unit		100 pcs.					

Approvals/Certification mark	Wiring adapter female insert	Wiring adapter male insert
UL/CSA: 300 V 	 <i>Image similar</i>	 <i>Image similar</i>
		
Part no.: (26-14 AWG)	720633 ground pin on the left 0.2-2.5 mm ² (26-14 AWG)	720632 ground pin on the left 0.2-2.5 mm ²
Packaging unit	10 pcs.	10 pcs.
Weight	64 g	54 g
Combi snap element		
for DIN-rail mounting Qty. req'd per adapter: 2 pcs.		
Part no.:	710807	
Packaging unit	10 pcs.	
Weight	4 g	

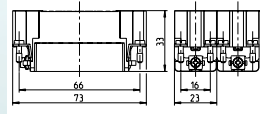
Approvals/Certification mark



Contact carriers for sleeve contacts



Contact carriers for pin contacts



Part no.: 720325 2 x

Packaging unit: 10 pcs.

Weight: 36 g

Part no.: 720425 2 x

Packaging unit: 10 pcs.

Weight: 34 g

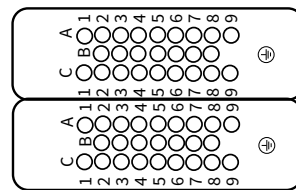
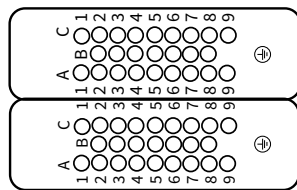
Please order crimp and glass fiber cable contacts separately

Contact arrangement

View from termination side

D 50 fully equipped with 50 contacts

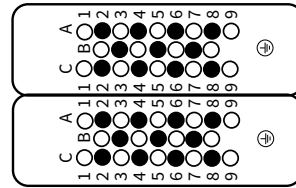
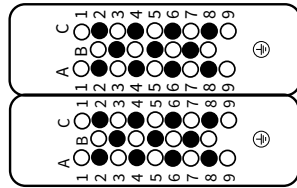
Rated voltage: 250 V



D 50 modified: D 22-polig + PE

D 50 equipped with 2 x 11 contacts

Rated voltage: 500 V



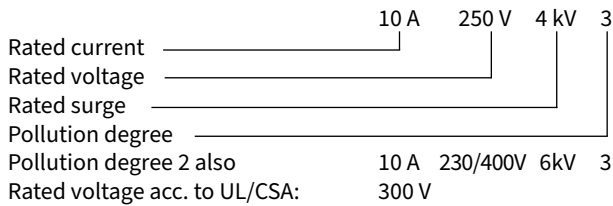
● working contact
○ without contact

Specifications series D

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 50 + PE

Electrical data acc. to DIN EN 61 984 for series D 50:

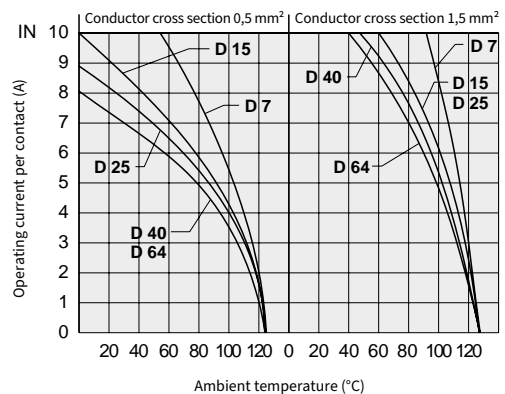


Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

Contacts

Material: Copper alloy
Surface - hard silver-plated: 3 µm Ag
Surface - hard gold-plated: 2 µm Au placed on top of 3 µm Ni
Contact resistance: < 3 mΩ

Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG
Wire stripping length: 7 mm



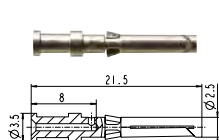
The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Contacts for D series

Terminal cross section

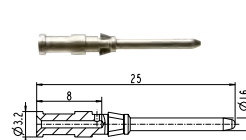
0.14 - 0.37 mm ²	26 - 22 AWG
0.5 mm ²	20 AWG
0.75 - 1 mm ²	19 - 18 AWG
1.5 mm ²	16 AWG
2.5 mm ²	14 AWG

Sleeve contact D
for crimp terminal, solid, turned



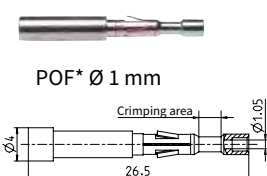
silver-plated	gold-plated
720506	720686
720507	720687
720508	720688
720509	720689
720502	720690

Pin contact D
for crimp terminal, solid, turned,



silver-plated	gold-plated
720516	720691
720517	720692
720518	720693
720519	720694
720512	720695

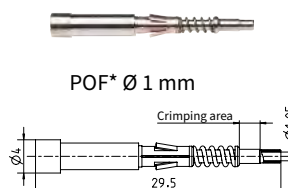
Sleeve and pin contacts
Optical waveguide for POF, solid, turned



silver-plated
720520

POF* Ø 1 mm

Optical waveguide for POF, solid, turned



silver-plated
720530

POF* Ø 1 mm

Packaging unit

100 pcs.

100 pcs.

Dummy contact sleeve
for coding with loss of one contact



silver-plated
720696

In order to prevent the inadvertent mating of similar contact inserts, a coding system is required.

Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The opposite male insert must not be equipped at this position.

Packaging unit

100 pcs.

1

2

3

4

5

6

7

8

9

10

11

Inserts
D7/D8

Inserts
D15/D25

Inserts
D50

Inserts
D64/D80/D128

Inserts
DD24/DD42

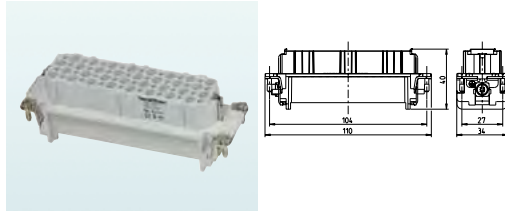
Inserts
DD72/DD108

Inserts
DD144/DD216

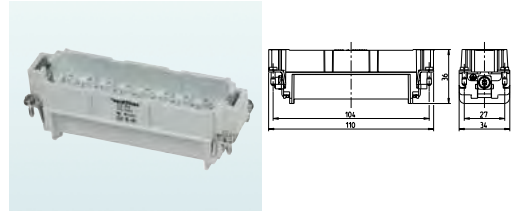
Approvals/Certification mark



Contact carriers for sleeve contacts



Contact carriers for pin contacts



Part no.: 720364

Packaging unit: 10 pcs.
Weight: 83 g

Part no.: 720464

10 pcs.
68 g

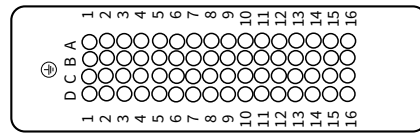
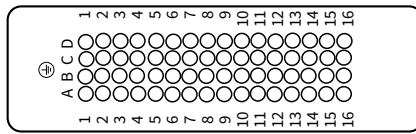
Please order crimp and glass fiber cable contacts separately

Contact arrangement

View from termination side

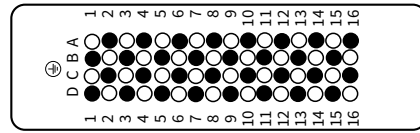
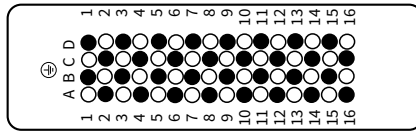
D 64 fully equipped with 50 contacts

Rated voltage: 250 V



D 64 modified: D 32-pole + PE

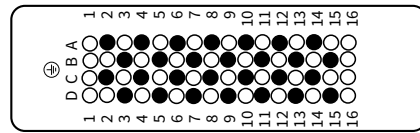
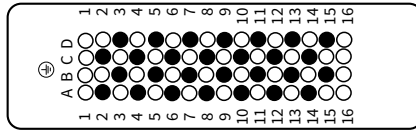
D 64 equipped with 32 contacts
Rated voltage: 400 V



● working contact ○ without contact

D 64 modified: D 28-polig + PE

D 64 equipped with 28 contacts
Rated voltage: 500 V

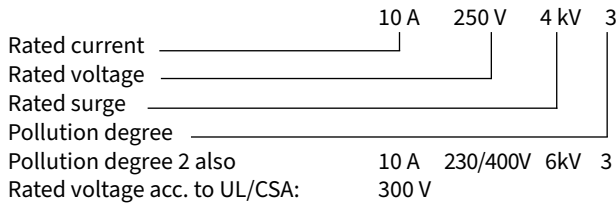


Specifications series D

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 64 + PE

Electrical data acc. to DIN EN 61 984 for series D 64:



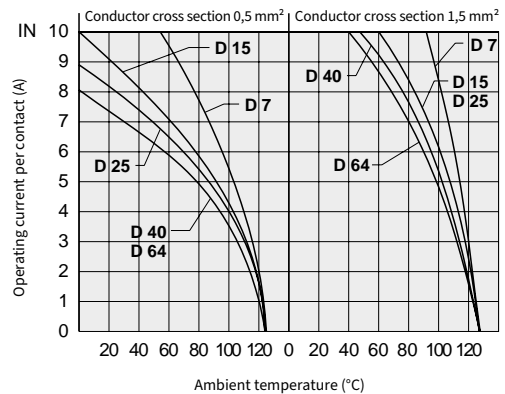
Pollution degree 2 also: 10 A 230/400V 6kV 3
Rated voltage acc. to UL/CSA: 300 V

Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

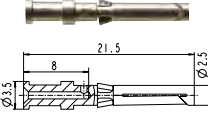
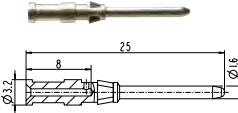
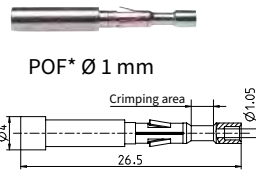
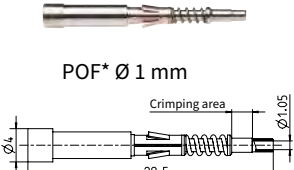

Contacts

Material: Copper alloy
Surface - hard silver-plated: 3 µm Ag
Surface - hard gold-plated: 2 µm Au placed on top of 3 µm Ni
Contact resistance: < 3 m Ω

Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG
Wire stripping length: 7 mm



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

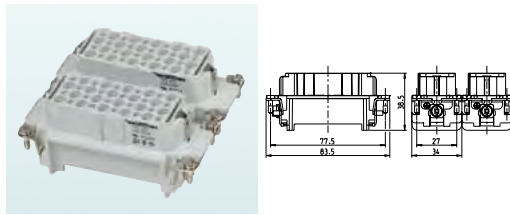
Contacts					
Terminal cross section		Sleeve contact D for crimp terminal, solid, turned		Pin contact D for crimp terminal, solid, turned,	
0.14 - 0.37 mm ²	26 - 22 AWG		silver-plated 720506	gold-plated 720686	
0.5 mm ²	20 AWG		720507	720687	silver-plated 720516
0.75 - 1 mm ²	19 - 18 AWG		720508	720688	gold-plated 720691
1.5 mm ²	16 AWG		720509	720689	silver-plated 720517
2.5 mm ²	14 AWG		720502	720690	gold-plated 720692
					silver-plated 720518
					gold-plated 720693
					silver-plated 720519
					gold-plated 720694
					silver-plated 720512
					gold-plated 720695
		Sleeve and pin contacts Optical waveguide for POF, solid, turned		Optical waveguide for POF, solid, turned	
			silver-plated 720520		
		POF* Ø 1 mm			silver-plated 720530
Packaging unit			100 pcs.		100 pcs.
		Dummy contact sleeve for coding with loss of one contact		<i>In order to prevent the inadvertent mating of similar contact inserts, a coding system is required.</i>	
			silver-plated 720696	<i>Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The male pin should be omitted from the opposing cavity in the male insert.</i>	
Packaging unit			100 pcs.		

Approvals/Certification mark	Wiring adapter female insert	Wiring adapter male insert
	 <i>Image similar</i>	 <i>Image similar</i>
Part no.:	720635 ground pin on the left 0.2-2.5 mm ² (26-14 AWG)	720634 ground pin on the left 0.2-2.5 mm ² (26-14 AWG)
Packaging unit	10 pcs.	10 pcs.
Weight	82 g	67 g
Combi snap element		
for DIN-rail mounting Qty. req'd per adapter: 2 pcs.		
Part no.:	710807	
Packaging unit	10 pcs.	
Weight	4 g	

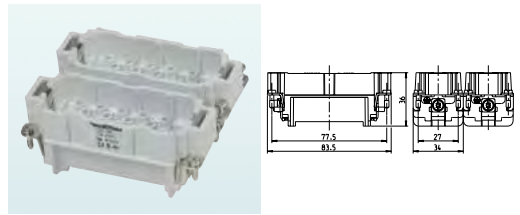
Approvals/Certification mark



Contact carriers for sleeve contacts



Contact carriers for pin contacts



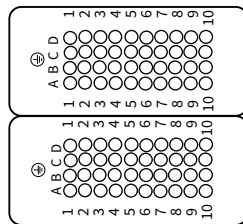
Part no.: 720340 2 x
Packaging unit: 10 pcs.
Weight: 64 g
Please order crimp and glass fiber cable contacts separately

Part no.: 720440 2 x
Packaging unit: 10 pcs.
Weight: 54 g

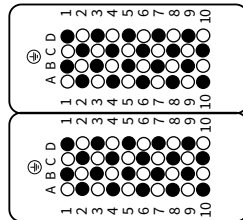
Contact arrangement

View from termination side

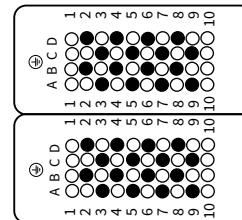
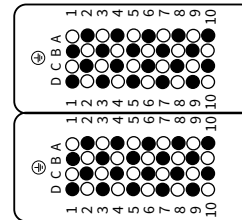
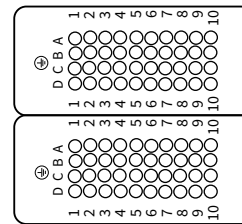
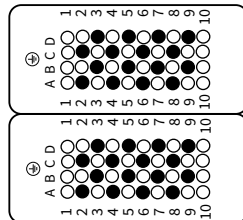
D 80 (2 x D 40) fully equipped with 80 contacts
Rated voltage: 250 V



D 80 modified: D 40.1-pole + PE
D 80 equipped with 2 x 20 contacts
Rated voltage: 400 V



D 80 modified: D 32.1-pole + PE
D 80 equipped with 2 x 16 contacts
Rated voltage: 500 V



● working contact
○ without contact

Specifications series D

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 80 + PE

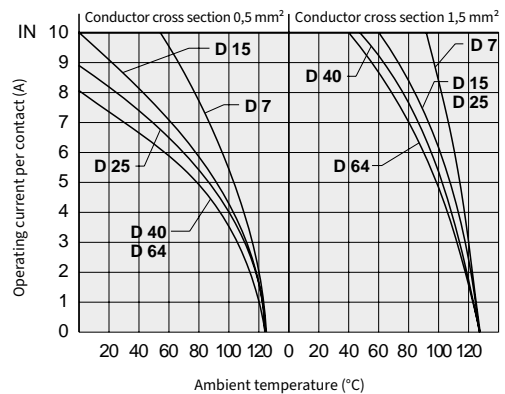
Electrical data acc. to DIN EN 61 984 for series D 80:

Rated current: 10 A, 250 V, 4 kV, 3
Rated voltage: _____
Rated surge: _____
Pollution degree: _____
Pollution degree 2 also: 10 A, 230/400V, 6kV, 3
Rated voltage acc. to UL/CSA: 300 V

Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

Contacts

Material: Copper alloy
Surface - hard silver-plated: 3 µm Ag
Surface - hard gold-plated: 2 µm Au placed on top of 3 µm Ni
Contact resistance: < 3 mΩ
Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG
Wire stripping length: 7 mm

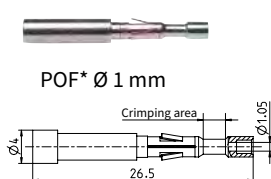


The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Contacts		Sleeve contact D for crimp terminal, solid, turned		Pin contact D for crimp terminal, solid, turned		
Terminal cross section	0.14 - 0.37 mm ²	26 - 22 AWG	silver-plated 720506	gold-plated 720686	silver-plated 720516	gold-plated 720691
	0.5 mm ²	20 AWG	720507	720687	720517	720692
	0.75 - 1 mm ²	19 - 18 AWG	720508	720688	720518	720693
	1.5 mm ²	16 AWG	720509	720689	720519	720694
	2.5 mm ²	14 AWG	720502	720690	720512	720695

Sleeve and pin contacts

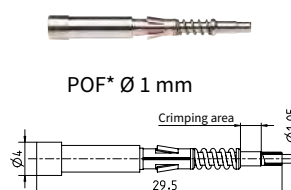
Optical waveguide for POF, solid, turned



silver-plated
720520

POF* Ø 1 mm

Optical waveguide for POF, solid, turned



silver-plated
720530

POF* Ø 1 mm

Packaging unit	100 pcs.	100 pcs.
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Dummy contact sleeve

for coding with loss of one contact




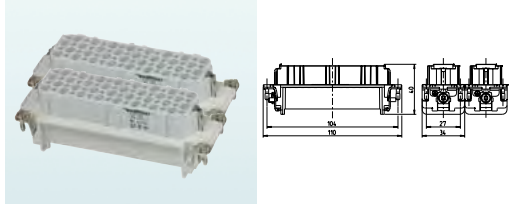
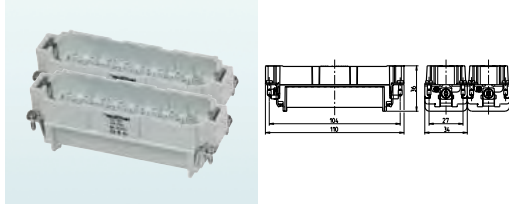
silver-plated
720696

In order to prevent the inadvertent mating of similar contact inserts, a coding system is required.

Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The opposite male insert must not be equipped at this position.

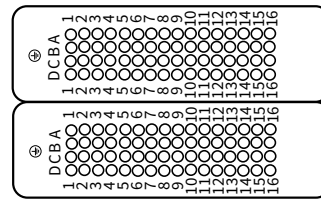
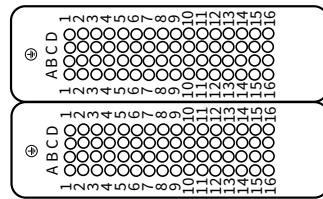
Packaging unit	100 pcs.
----------------	----------

1
2
3
4
5
6
7
8
9
10
11
Inserts D7/D8
Inserts D15/D25
Inserts D40/D50
Inserts D80
Inserts DD24/DD42
Inserts DD72/DD108
Inserts DD144/DD216

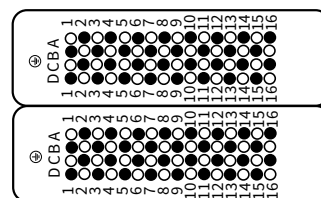
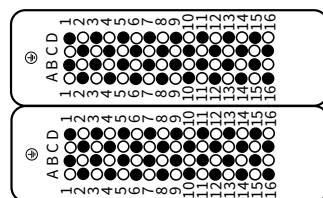
Approvals/Certification mark	Contact carriers for sleeve contacts	Contact carriers for pin contacts
UL/CSA: 300 V 		
Part no.:	720364 2 x	720464 2 x
Packaging unit	10 pcs.	10 pcs.
Weight	82 g	67 g
<i>Please order crimp and glass fiber cable contacts separately</i>		

Contact arrangement

View from termination side
D 128 (2 x D 64) fully equipped with 128 contacts
Rated voltage: 250 V

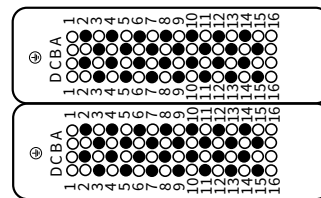
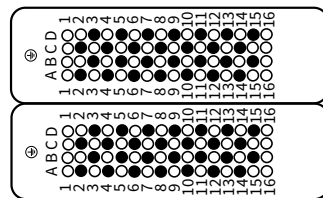


D 128 modified: D 64.1-pole + PE
D 128 equipped with 2 x 32 contacts
Rated voltage: 400 V



● working contact
○ without contact

D 128 modified: D 56-polig + PE
D 128 equipped with 2 x 28 contacts
Rated voltage: 500 V

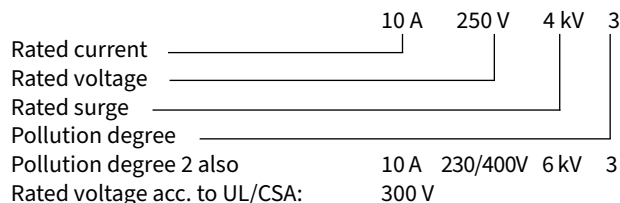


Specifications series D

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 128 + PE

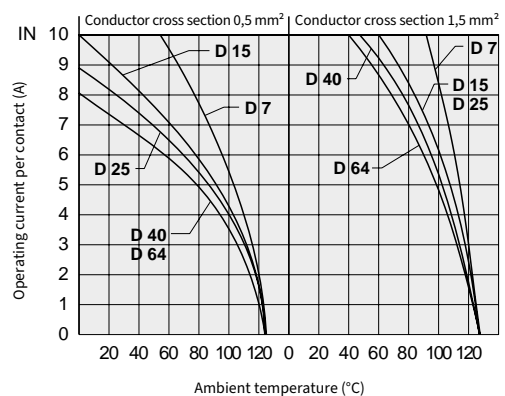
Electrical data acc. to DIN EN 61 984 for series D 128:





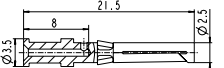
Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

Contacts

Material: Copper alloy
Surface - hard silver-plated: 3 µm Ag
Surface - hard gold-plated: 2 µm Au placed on top of 3 µm Ni
Contact resistance: < 3 mΩ
Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG
Wire stripping length: 7 mm



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Contacts					
Terminal cross section		Sleeve contact D for crimp terminal, solid, turned		Pin contact D for crimp terminal, solid, turned,	
0.14 - 0.37 mm ²	26 - 22 AWG		silver-plated 720506	gold-plated 720686	
0.5 mm ²	20 AWG		720507	720687	silver-plated 720516
0.75 - 1 mm ²	19 - 18 AWG		720508	720688	gold-plated 720691
1.5 mm ²	16 AWG		720509	720689	silver-plated 720517
2.5 mm ²	14 AWG		720502	720690	gold-plated 720692
					silver-plated 720518
					gold-plated 720693
					silver-plated 720519
					gold-plated 720694
					silver-plated 720512
					gold-plated 720695

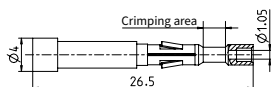
Sleeve and pin contacts

Optical waveguide for POF, solid, turned



silver-plated
720520

POF* Ø 1 mm

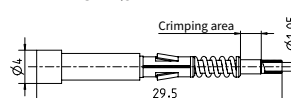


Optical waveguide for POF, solid, turned



silver-plated
720530

POF* Ø 1 mm



Packaging unit

100 pcs.

100 pcs.

Dummy contact sleeve

for coding with loss of one contact



silver-plated
720696

In order to prevent the inadvertent mating of similar contact inserts, a coding system is required.

Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The opposite male insert must not be equipped at this position.

Packaging unit

100 pcs.

1

2

3

4

5

6

7

8

9

10

11

Inserts
D7/D8

Inserts
D15/D25

Inserts
D40/D50

Inserts
D128

Inserts
DD24/DD42

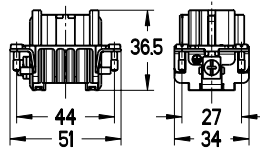
Inserts
DD72/DD108

Inserts
DD144/DD216

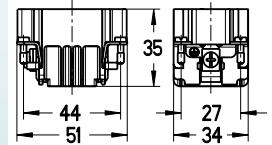
Approvals/Certification mark



Contact carriers for sleeve contacts



Contact carriers for pin contacts



Part no.: 750124

Packaging unit: 10 pcs.
Weight: 40 g

Part no.: 750224

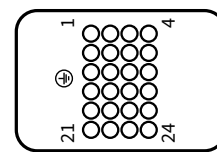
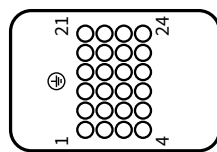
Packaging unit: 10 pcs.
Weight: 39 g

Please order crimp and glass fiber cable contacts separately

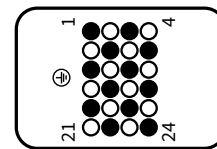
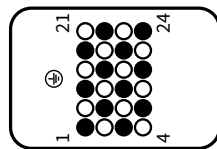
Contact arrangement

View from termination side

DD 24 fully equipped with 24 contacts
Rated voltage: 250 V

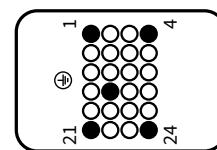
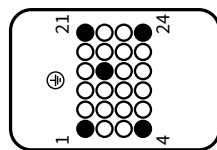


DD 24 modified: DD 12-pole + PE
DD 24 equipped with 12 contacts
Rated voltage: 400 V



● working contact
○ without contact

DD 24 modified: DD 5-pole +
DD 24 equipped with 5 contacts
Rated voltage: 500 V

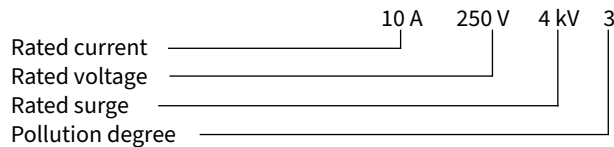


Specifications series DD

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 24 + PE

Electrical data acc. to DIN EN 61 984 for series DD 24:



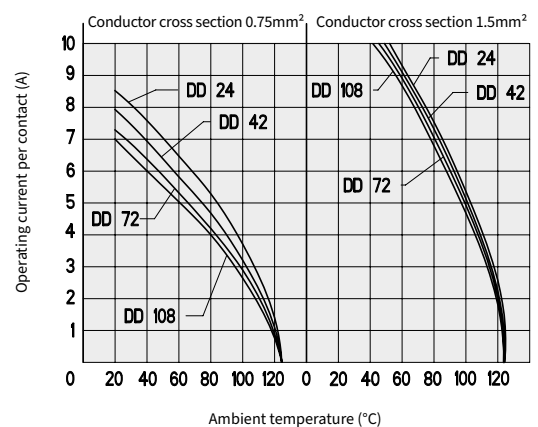
Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

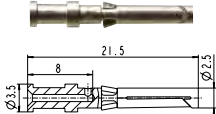
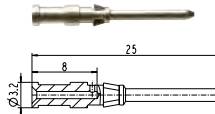
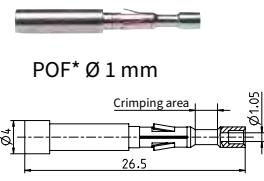
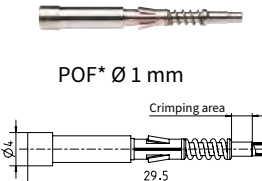

Contacts

Material: Copper alloy
Surface - hard silver-plated: 3 µm Ag
Surface - hard gold-plated: 2 µm Au placed on top of 3 µm Ni
Contact resistance: ≤ 3 m Ω

Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG
Wire stripping length: 7 mm



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

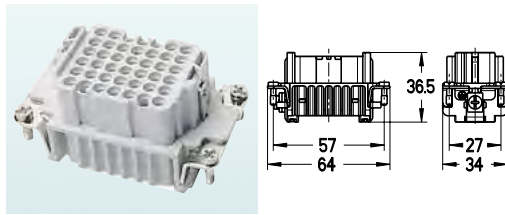
Contacts					
Terminal cross section		Sleeve contact D for crimp terminal, solid, turned		Pin contact D for crimp terminal, solid, turned,	
0.14-0.37 mm ²	26 - 22 AWG		silver-plated 720506	gold-plated 720686	
0.5 mm ²	20 AWG		720507	720687	silver-plated 720516
0.75 - 1 mm ²	19 - 18 AWG		720508	720688	gold-plated 720691
1.5 mm ²	16 AWG		720509	720689	720517
2.5 mm ²	14 AWG		720502	720690	720518
					720519
					720512
					720692
					720693
					720694
					720695
		Sleeve and pin contacts Optical waveguide for POF, solid, turned		Optical waveguide for POF, solid, turned	
			silver-plated 720520		silver-plated 720530
		POF* Ø 1 mm		POF* Ø 1 mm	
Packaging unit		100 pcs.		100 pcs.	
		Dummy contact sleeve for coding with loss of one contact		<i>In order to prevent the inadvertent mating of similar contact inserts, a coding system is required.</i>	
			silver-plated 720696	<i>Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The opposite male insert must not be equipped at this position.</i>	
Packaging unit		100 pcs.			

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- Inserts D7/D8
- Inserts D15/D25
- Inserts D40/D50
- Inserts D64/D80/D128
- Inserts DD24
- Inserts DD72/DD108
- Inserts DD144/DD216

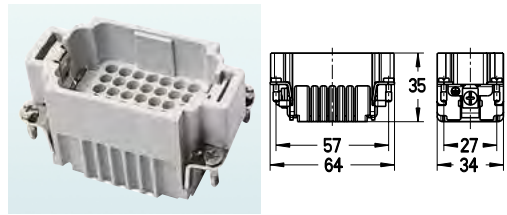
Approvals/Certification mark



Contact carriers for sleeve contacts



Contact carriers for pin contacts



Part no.: 750142

Packaging unit: 10 pcs.
Weight: 51 g

Part no.: 750242

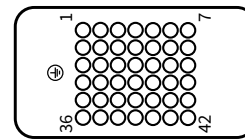
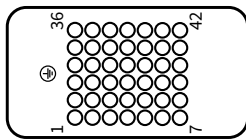
10 pcs.
47 g

Please order crimp and glass fiber cable contacts separately

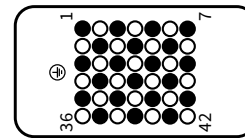
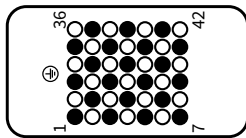
Contact arrangement

View from termination side

DD 42 fully equipped with 42 contacts
Rated voltage: 250 V

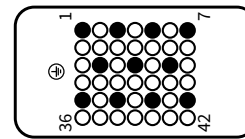
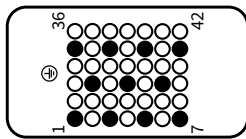


DD 42 modified: DD 21-pole + PE
DD 24 equipped with 12 contacts
Rated voltage: 400 V



● working contact
○ without contact

DD 42 modified: DD 11-pole + PE
DD 42 equipped with 11 contacts
Rated voltage: 500 V

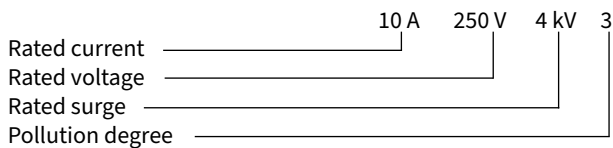


Specifications series DD

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 42 + PE

Electrical data acc. to DIN EN 61 984 for series DD 42:



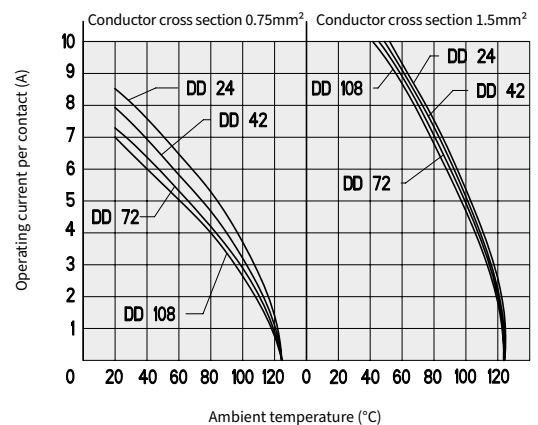
Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

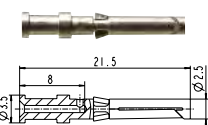
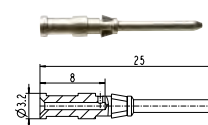
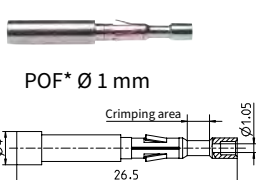
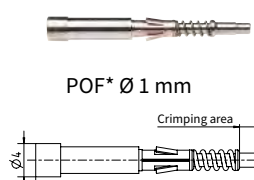

Contacts

Material: Copper alloy
Surface - hard silver-plated: 3 µm Ag
Surface - hard gold-plated: 2 µm Au placed on top of 3 µm Ni
Contact resistance: ≤ 3 m Ω

Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG
Wire stripping length: 7 mm



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

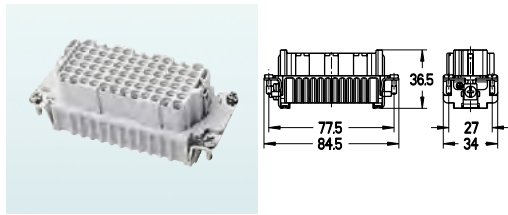
Contacts					
Terminal cross section					
		Sleeve contact D for crimp terminal, solid, turned		Pin contact D for crimp terminal, solid, turned,	
0.14-0.37 mm ²	26 - 22 AWG		silver-plated 720506	gold-plated 720686	
0.5 mm ²	20 AWG		720507	720687	silver-plated 720516
0.75 - 1 mm ²	19 - 18 AWG		720508	720688	gold-plated 720691
1.5 mm ²	16 AWG		720509	720689	silver-plated 720517
2.5 mm ²	14 AWG		720502	720690	gold-plated 720692
					silver-plated 720518
					gold-plated 720693
					silver-plated 720519
					gold-plated 720694
					silver-plated 720512
					gold-plated 720695
		Sleeve and pin contacts Optical waveguide for POF, solid, turned		Sleeve and pin contacts Optical waveguide for POF, solid, turned	
			silver-plated 720520		
		POF* Ø 1 mm		POF* Ø 1 mm	
Packaging unit		100 pcs.		100 pcs.	
		Dummy contact sleeve for coding with loss of one contact		<i>In order to prevent the inadvertent mating of similar contact inserts, a coding system is required.</i>	
			silver-plated 720696	<i>Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The opposite male insert must not be equipped at this position.</i>	
Packaging unit		100 pcs.			

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- Inserts D7/D8
- Inserts D15/D25
- Inserts D40/D50
- Inserts D64/D80/D128
- Inserts DD42
- Inserts DD72/DD108
- Inserts DD144/DD216

Approvals/Certification mark



Contact carriers for sleeve contacts



Part no.: 750172

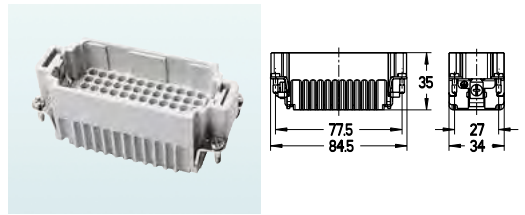
Part no.:

Packaging unit
Weight

10 pcs.
64 g

Please order crimp and glass fiber cable contacts separately

Contact carriers for pin contacts



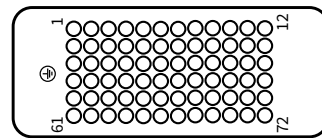
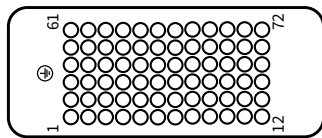
Part no.: 750272

10 pcs.
58 g

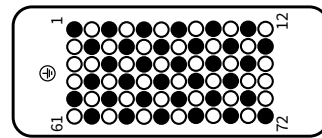
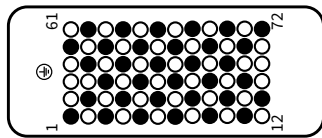
Contact arrangement

View from termination side

DD 72 fully equipped with 72 contacts
Rated voltage: 250 V

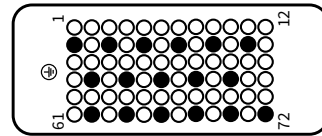
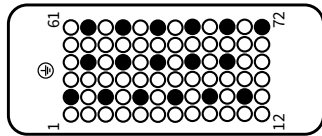


DD 72 modified: DD 34-pole + PE
DD 72 equipped with 34 contacts
Rated voltage: 400 V



● working contact
○ without contact

DD 72 modified: DD 17-pole + PE
DD 72 equipped with 17 contacts
Rated voltage: 500 V

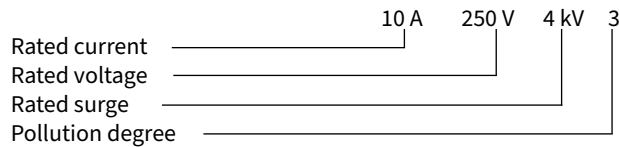


Specifications series DD

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 72 + PE

Electrical data acc. to DIN EN 61 984 for series DD 72:



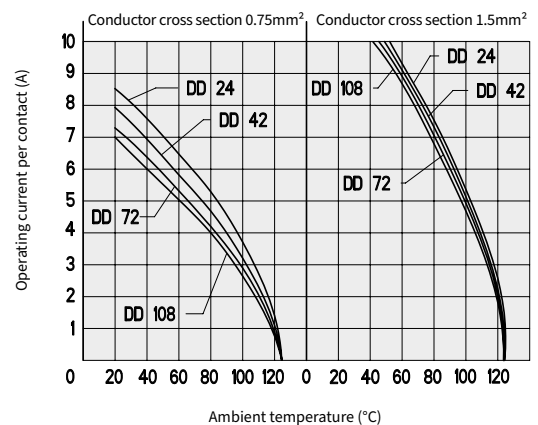
Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

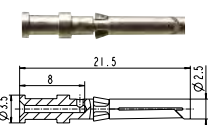
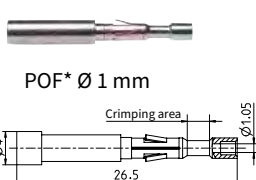
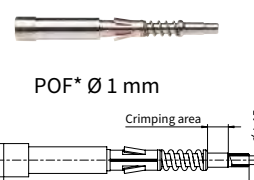

Contacts

Material: Copper alloy
Surface - hard silver-plated: 3 μm Ag
Surface - hard gold-plated: 2 μm Au placed on top of 3 μm Ni
Contact resistance: ≤ 3 m Ω

Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG
Wire stripping length: 7 mm



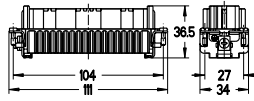
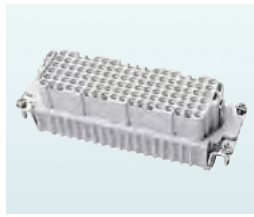
The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Contacts						1
Terminal cross section		Sleeve contact D for crimp terminal, solid, turned		Pin contact D for crimp terminal, solid, turned		2
0.14-0.37 mm ²	26 - 22 AWG		silver-plated 720506	gold-plated 720686	silver-plated 720516	3
0.5 mm ²	20 AWG		720507	720687	720517	4
0.75 - 1 mm ²	19 - 18 AWG		720508	720688	720518	5
1.5 mm ²	16 AWG		720509	720689	720519	
2.5 mm ²	14 AWG		720502	720690	720512	
		Sleeve and pin contacts Optical waveguide for POF, solid, turned		Optical waveguide for POF, solid, turned		6
			silver-plated 720520		silver-plated 720530	7
		POF* Ø 1 mm		POF* Ø 1 mm		8
						9
Packaging unit			100 pcs.		100 pcs.	10
		Dummy contact sleeve for coding with loss of one contact		<i>In order to prevent the inadvertent mating of similar contact inserts, a coding system is required.</i>		11
			silver-plated 720696	<i>Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The opposite male insert must not be equipped at this position.</i>		Inserts D7/D8
Packaging unit			100 pcs.			Inserts D15/D25
						Inserts D40/D50
						Inserts D64/D80/D128
						Inserts DD24/DD42
						Inserts DD72
						Inserts DD144/DD216

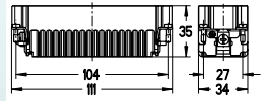
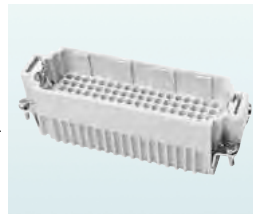
Approvals/Certification mark



Contact carriers for sleeve contacts



Contact carriers for pin contacts



Part no.: 750108

Packaging unit: 10 pcs.
Weight: 83 g

Part no.: 750208

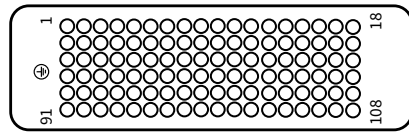
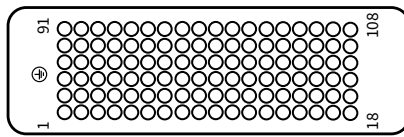
10 pcs.
73 g

Please order crimp and glass fiber cable contacts separately

Contact arrangement

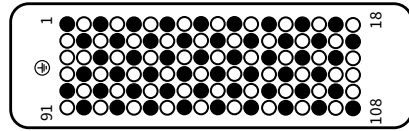
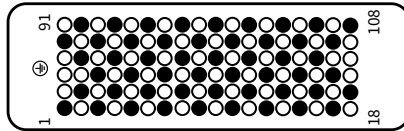
View from termination side

DD 108 fully equipped with 108 contacts
Rated voltage: 250 V

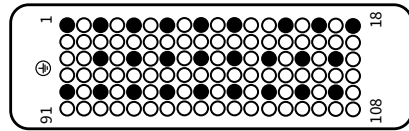
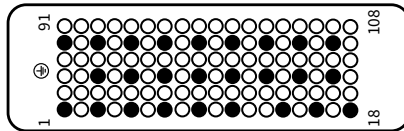


● working contact
○ without contact

DD 108 modified: DD 52-pole + PE
DD 108 equipped with 52 contacts
Rated voltage: 400 V



DD 108 modified: DD 26-pole + PE
DD 108 equipped with 26 contacts
Rated voltage: 500 V

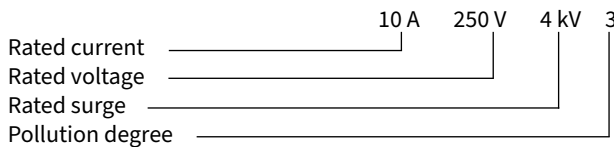


Specifications series DD

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 108 + PE

Electrical data acc. to DIN EN 61 984 for series DD 108:



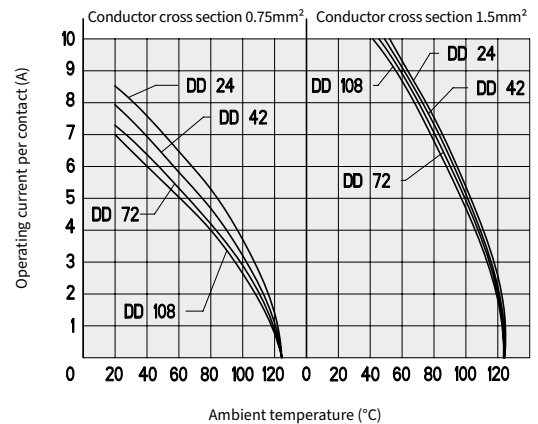
Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

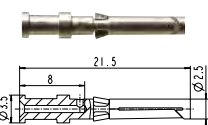
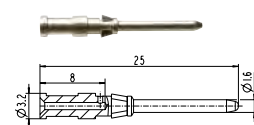
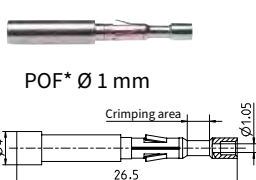
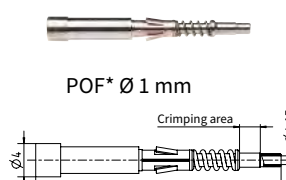

Contacts

Material: Copper alloy
Surface - hard silver-plated: 3 μm Ag
Surface - hard gold-plated: 2 μm Au placed on top of 3 μm Ni
Contact resistance: ≤ 3 m Ω

Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG
Wire stripping length: 7 mm



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

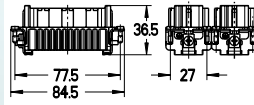
Contacts					
Terminal cross section		Sleeve contact D for crimp terminal, solid, turned		Pin contact D for crimp terminal, solid, turned,	
0.14 - 0.37 mm ²	26 - 22 AWG		silver-plated 720506	gold-plated 720686	
0.5 mm ²	20 AWG		720507	720687	silver-plated 720516
0.75 - 1 mm ²	19 - 18 AWG		720508	720688	gold-plated 720691
1.5 mm ²	16 AWG		720509	720689	720517
2.5 mm ²	14 AWG		720502	720690	720518
					720519
					720512
					720692
					720693
					720694
					720695
		Sleeve and pin contacts Optical waveguide for POF, solid, turned		Optical waveguide for POF, solid, turned	
			silver-plated 720520		
		POF* Ø 1 mm			silver-plated 720530
Packaging unit		100 pcs.		100 pcs.	
		Dummy contact sleeve for coding with loss of one contact		<i>In order to prevent the inadvertent mating of similar contact inserts, a coding system is required.</i>	
			silver-plated 720696	<i>Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The opposite male insert must not be equipped at this position.</i>	
Packaging unit		100 pcs.			

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- Inserts D7/D8
- Inserts D15/D25
- Inserts D40/D50
- Inserts D64/D80/D128
- Inserts DD42
- Inserts DD108
- Inserts DD144/DD216

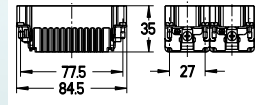
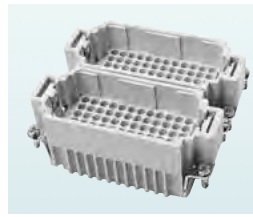
Approvals/Certification mark



Contact carriers for sleeve contacts



Contact carriers for pin contacts



Part no.:

750172 1-72
750144 73-144

750272 1-72
750244 73-144

Packaging unit
Weight

10 pcs.
83 g

10 pcs.
73 g

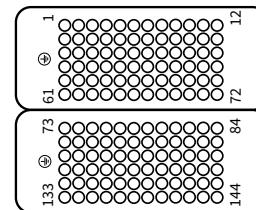
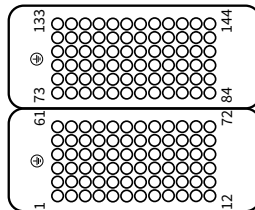
Please order crimp and glass fiber cable contacts separately

Contact arrangement

View from termination side

DD 144 fully equipped with 144 contacts

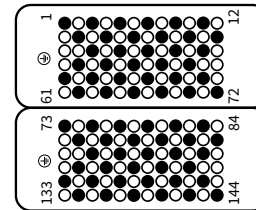
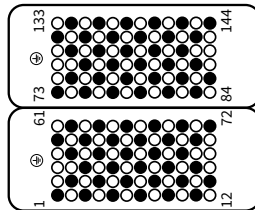
Rated voltage: 250 V



DD 144 modified: DD 68-pole + PE

DD 144 equipped with 2 x 34 contacts

Rated voltage: 400 V

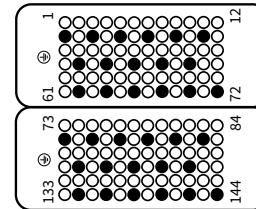
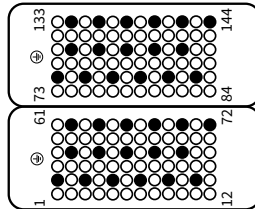


● working contact
○ without contact

DD 144 modified: DD 34-pole + PE

DD 144 equipped with 2 x 17 contacts

Rated voltage: 500 V

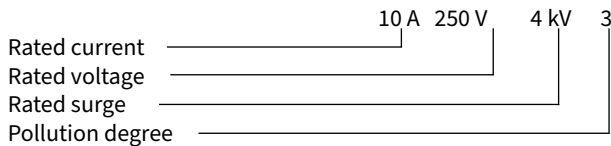


Specifications series DD

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 144 + PE

Electrical data acc. to DIN EN 61 984 for series DD 144:



Rated voltage acc. to UL/CSA: 600 V

Material: Glassfiber reinforced polyamide

Temperature range: - 40 °C up to + 125 °C

Flame class rating acc. to UL 94: V 0

Mechanical operating life: ≥ 500 mating cycles

Contacts

Material: Copper alloy

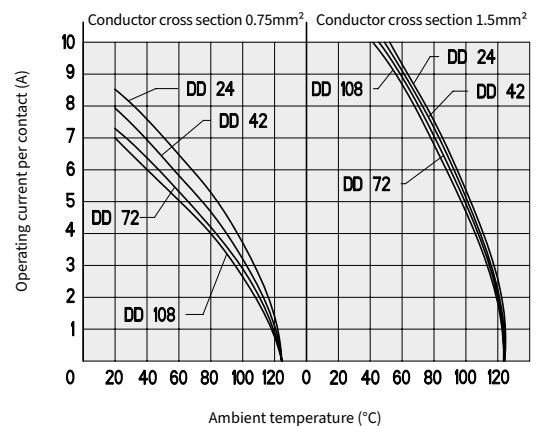
Surface - hard silver-plated: 3 µm Ag

Surface - hard gold-plated: 2 µm Au placed on top of 3 µm Ni

Contact resistance: ≤ 3 m Ω

Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG

Wire stripping length: 7 mm




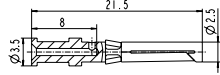
The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Contacts


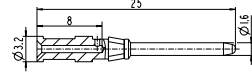
Terminal cross section

0.14 - 0.37 mm ²	26 - 22 AWG
0.5 mm ²	20 AWG
0.75 - 1 mm ²	19 - 18 AWG
1.5 mm ²	16 AWG
2.5 mm ²	14 AWG


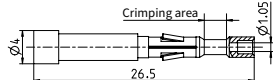
Sleeve contact D
for crimp terminal, solid, turned

	silver-plated	gold-plated
	720506	720686
	720507	720687
	720508	720688
	720509	720689
	720502	720690

Pin contact D
for crimp terminal, solid, turned,


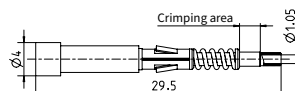
	silver-plated	gold-plated
	720516	720691
	720517	720692
	720518	720693
	720519	720694
	720512	720695

Sleeve and pin contacts
Optical waveguide for POF, solid, turned

	silver-plated
	720520

POF* Ø 1 mm

Optical waveguide for POF, solid, turned

	silver-plated
	720530

POF* Ø 1 mm

Packaging unit

100 pcs.

100 pcs.

Dummy contact sleeve
for coding with loss of one contact

	silver-plated
	720696

In order to prevent the inadvertent mating of similar contact inserts, a coding system is required.

Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The opposite male insert must not be equipped at this position.

Packaging unit

100 pcs.

1

2

3

4

5

6

7

8

9

10

11

Inserts
D7/D8

Inserts
D15/D25

Inserts
D40/D50

Inserts
D64/D80/D128

Inserts
DD24/DD42

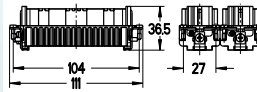
Inserts
DD72/DD108

Inserts
DD144

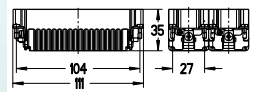
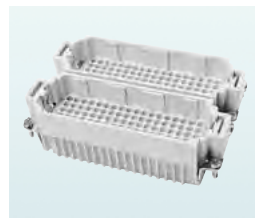
Approvals/Certification mark



Contact carriers for sleeve contacts



Contact carriers for pin contacts



Part no.:

750108 1-108
750116 109-216

750208 1-108
750216 109-216

Packaging unit
Weight

10 pcs.
64 g

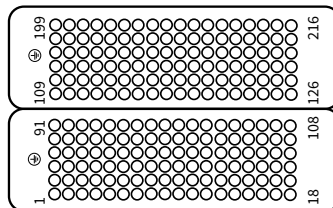
10 pcs.
58 g

Please order crimp and glass fiber cable contacts separately

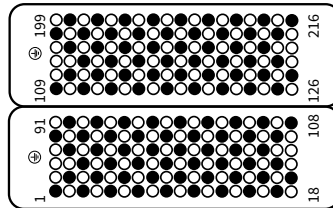
Contact arrangement

View from termination side

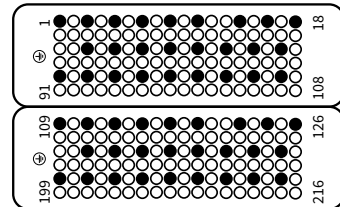
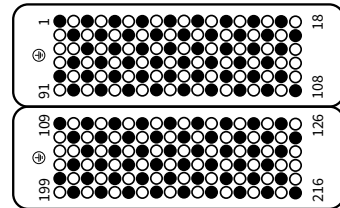
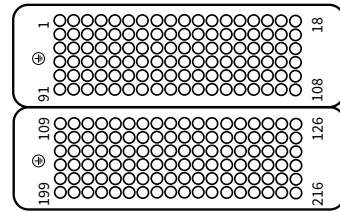
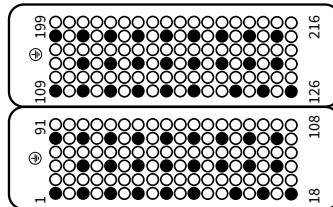
DD 216 fully equipped with 216 contacts
Rated voltage: 250 V



DD 216 modified: DD 104-pole + PE
DD 216 equipped with 2 x 52 contacts,
Rated voltage: 400 V



DD 216 modified: DD 52.1-pole + PE
DD 216 equipped with 2 x 26 contacts,
Rated voltage: 500 V



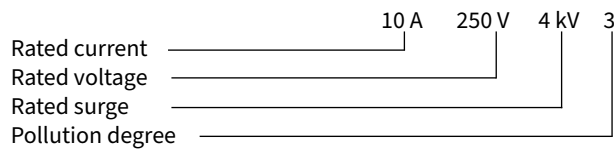
● working contact
○ without contact

Specifications series DD

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61984

Number of poles: 216 + PE

Electrical data acc. to DIN EN 61 984 for series DD 216:

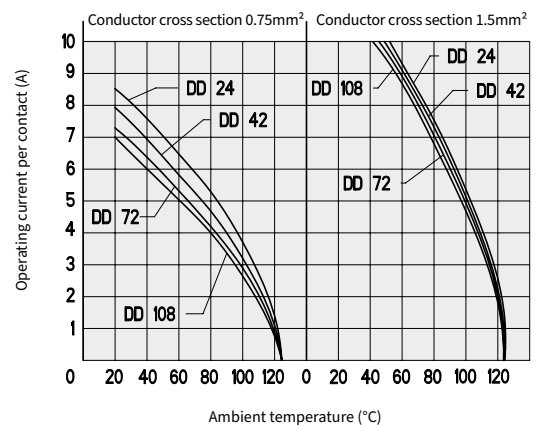


Rated voltage acc. to UL/CSA: 600 V

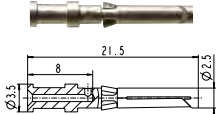
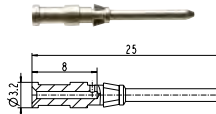
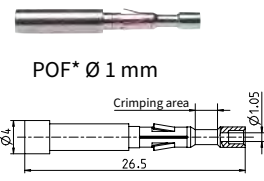
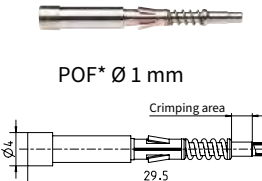

Material: Glassfiber reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0
Mechanical operating life: ≥ 500 mating cycles

Contacts

Material: Copper alloy
Surface - hard silver-plated: 3 µm Ag
Surface - hard gold-plated: 2 µm Au placed on top of 3 µm Ni
Contact resistance: ≤ 3 m Ω
Crimp terminal: 0.14 - 2.5 mm² (26 - 14) AWG
Wire stripping length: 7 mm



The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

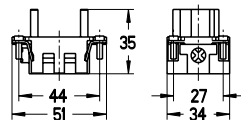
Contacts					
Terminal cross section					
		Sleeve contact D for crimp terminal, solid, turned		Pin contact D for crimp terminal, solid, turned	
0.14-0.37 mm ²	26 - 22 AWG		silver-plated 720506	gold-plated 720686	
0.5 mm ²	20 AWG		720507	720687	silver-plated 720516
0.75 - 1 mm ²	19 - 18 AWG		720508	720688	gold-plated 720691
1.5 mm ²	16 AWG		720509	720689	720517
2.5 mm ²	14 AWG		720502	720690	720518
					720519
					720512
					720692
					720693
					720694
					720695
Sleeve and pin contacts					
Optical waveguide for POF, solid, turned			Optical waveguide for POF, solid, turned		
			silver-plated 720520		
POF* Ø 1 mm				POF* Ø 1 mm	
Crimping area				Crimping area	
26.5				29.5	
Ø 1.05				Ø 1.05	
Ø 4				Ø 4	
Packaging unit		100 pcs.		100 pcs.	
Dummy contact sleeve for coding with loss of one contact			<i>In order to prevent the inadvertent mating of similar contact inserts, a coding system is required.</i>		
			silver-plated 720696	<i>Coding is achieved by inserting the dummy contact sleeve into a selected contact cavity of the female insert. The opposite male insert must not be equipped at this position.</i>	
Packaging unit		100 pcs.			

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- Inserts D7/D8
- Inserts D15/D25
- Inserts D40/D50
- Inserts D64/D80/D128
- Inserts DD24/DD42
- Inserts DD72/DD108
- Inserts DD216

Female frames MO B 6

for 2 contact carriers
for female and male contacts

mountable in series B 6



Part no.: 770006

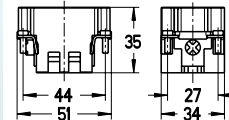
Frame coding: A - B

Packaging unit: 10 pcs.
Weight: 29 g

Male frames MO B 6

for 2 contact carriers
for female and male contacts

mountable in series B 6



Part no.: 770106

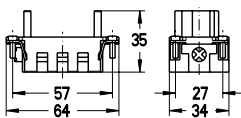
Frame coding: A - B

Packaging unit: 10 pcs.
Weight: 33 g

Female frames MO B 10

for 3 contact carriers
for female and male contacts

mountable in series B 10



Part no.: 770010

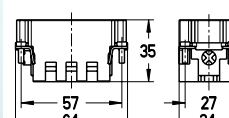
Frame coding: A - C

Packaging unit: 10 pcs.
Weight: 33 g

Male frames MO B 10

for 3 contact carriers
for female and male contacts

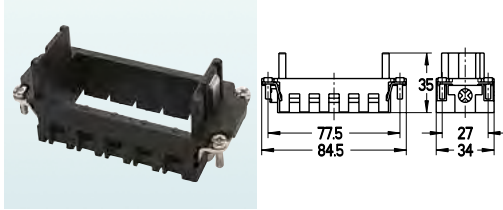
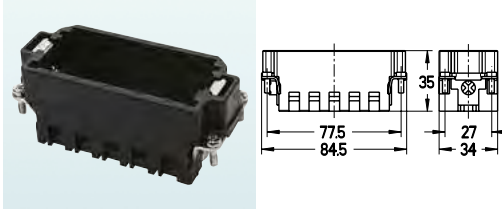
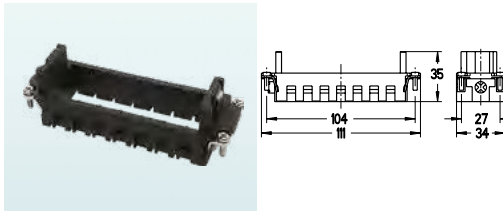
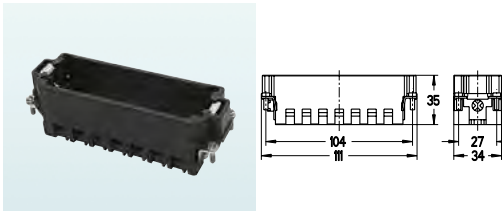
mountable in series B 10



Part no.: 770110

Frame coding: A - C

Packaging unit: 10 pcs.
Weight: 39 g

	Female frames MO B 16	Male frames MO B 16
	for 5 contact carriers for female and male contacts	for 5 contact carriers for female and male contacts
	mountable in series B 16	mountable in series B 16
		
Part no.:	770016	770116
Frame coding	A - E	A - E
Packaging unit	10 pcs.	10 pcs.
Weight	29 g	33 g
	Female frames MO B 24	Male frames MO B 24
	for 7 contact carriers for female and male contacts	for 7 contact carriers for female and male contacts
	mountable in series B 24	mountable in series B 24
		
Part no.:	770024	770124
Frame coding	A - G	A - G
Packaging unit	10 pcs.	10 pcs.
Weight	33 g	39 g

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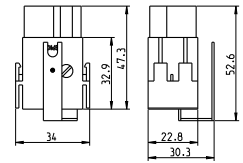
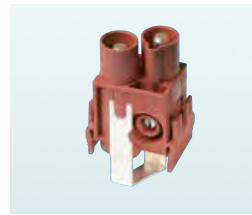
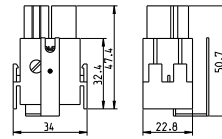
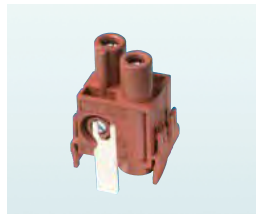
11

Retaining frames
MOInserts
MO 2 - MO 5.1Inserts
MO busInserts MO 5
MO 20/MO LANInserts MO
Pneumatic/MO 0

Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark **Female insert** **Male insert**

UL/CSA: 600 V

Part no.:
 Packaging unit
 Weight

771401
 10 pcs.
 41 g

771501
 10 pcs.
 45 g

Occupies 2 slots in the module frame

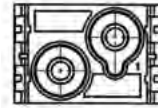
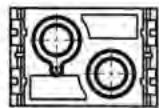
Power and signal modules can be combined in one housing.
 This mixed equipment guarantees high flexibility.

Application areas:

- Industrial machinery and plant engineering
- Printing machines
- Control engineering

Contact arrangement

View from termination side

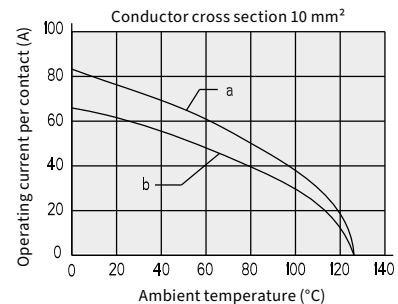
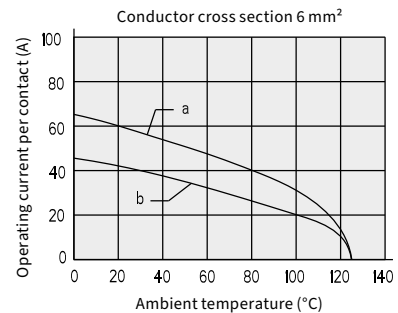


Technical specifications MO 2-poles (1 + PE)

Contacts	solid, turned, copper alloy, silver-plated, contact diameter 3.6 mm
Number of poles:	1 + PE
Terminal cross section	10 - 25 mm ² (8-4 AWG)
Mating cycles	100
Rated current	82 A
Contact resistance	< 2 mOhm
Test voltage	5.7 kV
Temperature range	-40 °C up to +100 °C briefly up to + 125 °C
Pollution degree	3

The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Curve	No. of poles	Retaining frame
a	2	MO B 6
a	9	MO B 10
b	4	MO B 16
b	4	MO B 24



Tools **Removal tool**

for contact carriers



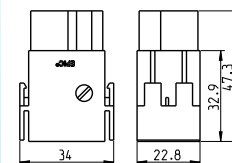
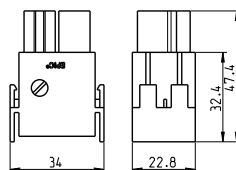
Part no.: **779300**
 Packaging unit: 1 pc.
 Weight: 30 g

Screw type terminal, high current MC module 82 A, 1000 V

Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark	Female insert	Male insert
------------------------------	---------------	-------------

UL/CSA: 600 V



Part no.:
 Packaging unit
 Weight

771402
 10 pcs.
 36 g

771502
 10 pcs.
 41 g

Occupies 2 slots in the module frame

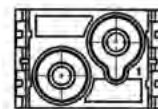
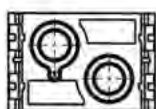
Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Application areas:

- Industrial machinery and plant engineering
- Printing machines
- Control engineering

Contact arrangement

View from termination side

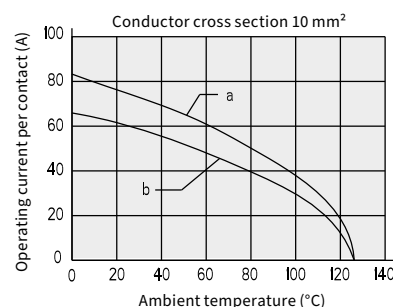
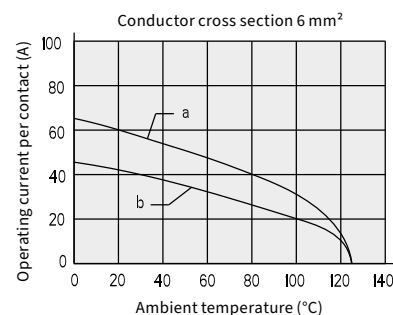


Technical specifications MO 2-poles

Contacts	solid, turned, copper alloy, silver-plated, contact diameter 3.6 mm
Number of poles	2
Terminal cross section	10 - 25 mm ² (8-4 AWG)
Mating cycles	100
Rated current	82 A
Contact resistance	< 2 mOhm
Test voltage	5.7 kV
Temperature range	-40 °C up to +100 °C briefly up to + 125 °C
Pollution degree	3

The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Curve	No. of poles	Retaining frame
a	2	MO B 6
a	9	MO B 10
b	4	MO B 16
b	4	MO B 24



Tools

Removal tool

for contact carriers


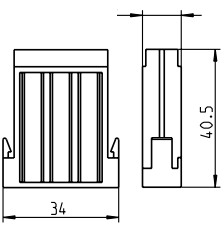

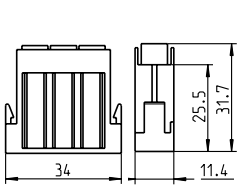


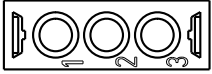
Part no.:
 Packaging unit
 Weight

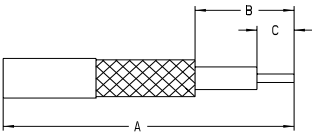


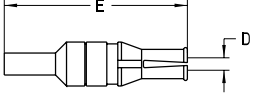
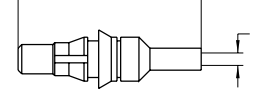
779300
 1 pc.
 30 g

1
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11
Retaining frames MO
Inserts MO 2 – MO 5.1
Inserts MO bus
Inserts MO 5 MO 20/MO LAN
Inserts MO Pneumatic/MO 0

Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

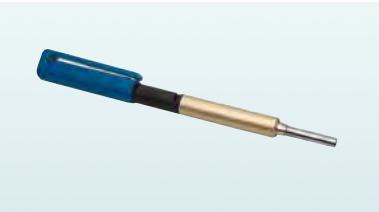


Approvals/Certification mark	Contact carrier MO 3 K for sleeve contacts	Contact carrier MO 3 K for pin contacts
UL/CSA: 600 V 	 	 
Part no.: Packaging unit Weight	771203 10 pcs. 8 g	771303 10 pcs. 6 g
<i>Please order crimp contacts separately</i>		

Contact arrangement		
View from termination side		

Contacts	Sleeve contacts MO 3 K for crimp or solder-type terminals, solid, turned	Pin contacts MO 3 K for crimp or solder-type terminals, solid, turned
Stripping / contact dimensions 		
for cable size RG 174, 179, 316		
for cable size RG 58		
RG 174, 179, 316	A = 9.9 B = 3.6 C = 2 D = 1.7 E = 23.6	gold-plated g
RG 58	A = 11.5 D = 3.2 C = 2 B = 3.6 E = 23.6	gold-plated g
Packaging unit	1 pc.	1 pc.

Technical specifications MO 3-poles coax

Contacts	solid, turned, copper alloy, gold-plated, contact diameter 3.6 mm
Rated voltage	250 V
Contact resistance	< 5 mΩ
Wave impedance	50 Ω
Frequency range	2 GHz

Tools	Removal tool	Crimping tool	Removal tool
	for contacts MO 3	for single crimping dies RG 174, 179 316	for contact carriers
			
Part no.: Packaging unit Weight	779000 1 pc. 28 g	779700 1 pc. 420 g	779710 1 pc. 420 g
		779720 1 pc. 420 g	779300 1 pc. 30 g

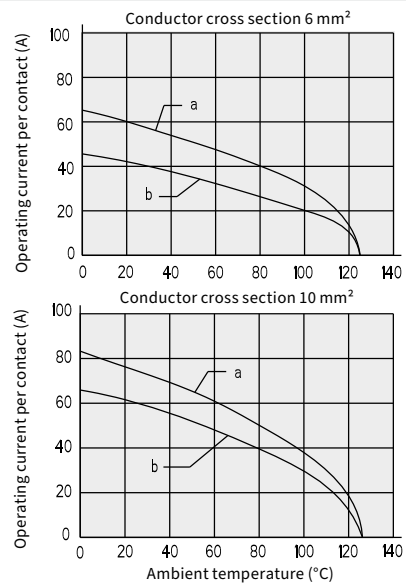
Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark	Female insert	Male insert
UL/CSA: 600 V 		
Part no.: Packaging unit Weight <i>Please order crimp contacts separately</i>	771003 10 pcs. 8 g	771103 10 pcs. 6 g

Contact arrangement	
View from termination side	

Contacts	Sleeve contact MO 3	Pin contacts MO 3
Terminal cross section 1.5 mm ² 16 AWG 2.5 mm ² 14 AWG 4 mm ² 12 AWG 6 mm ² 10 AWG 10 mm ² 8 AWG	for crimp terminal silver-plated 772030 772040 772050 772060 772070	for crimp terminal, pin Ø 3.6 mm² silver-plated 772130 772140 772150 772160 772170
Packaging unit	100 pcs.	100 pcs.

Technical specifications MO 3-poles		
Number of poles	3	The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.
Contacts	solid, turned, copper alloy silver-plated, contact diameter 3.6 mm	
Terminal cross section	1.5 - 10 mm ² (16-8 AWG)	
Rated current	max. 40 A see derating diagram	
Rated voltage	630 V	
Surge voltage	8.0 kV	
Test voltage	4 kV	
Contact resistance	≤ 1 Ω	

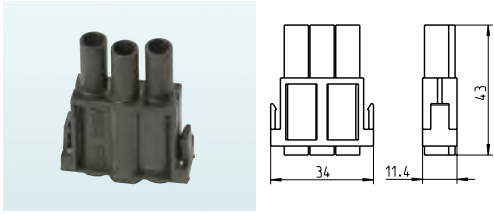
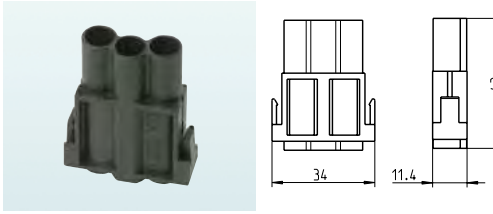


Tools	Removal tool	Crimping tool	Removal tool
	for contacts MO 3	for turned contacts 1.5 - 10 mm ² or 16 - 18 AWG, 4 indent crimping tool	for contact carriers





Part no.: Packaging unit Weight	779000 1 pc. 28 g	710610 1 pc. 663 g	779300 1 pc. 30 g
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Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark	Contact carrier MO 3.1 for sleeve contacts	Contact carrier MO 3.1 for pin contacts
UL/CSA: 1000 V UR, CSA, SEV		
Part no.: Packaging unit Weight	771403 10 pcs. 6 g	771503 10 pcs. 7 g
<i>Please order crimp contacts separately</i>		

Contact arrangement		
View from termination side		

Contacts		
Terminal cross section	Sleeve contact MO 3.1 for crimp terminal	Pin contacts MO 3.1 for crimp terminal, pin Ø 3.6 mm ²
1.5 mm ² 16 AWG 2.5 mm ² 14 AWG 4 mm ² 12 AWG 6 mm ² 10 AWG 10 mm ² 8 AWG	 silver-plated 772030 772040 772050 772060 772070	 silver-plated 772130 772140 772150 772160 772170
Packaging unit	100 pcs.	100 pcs.

Technical specifications MO 3.1-poles

All contacts 2 mm first-to-mate to other contact carriers

Number of poles 3

Contacts solid, turned, copper alloy silver-plated, contact diameter 3.6 mm

Terminal cross section 1.5 - 10 mm² (16-8 AWG)

Rated current max. 50 A
see derating diagram

Rated voltage 1000 V

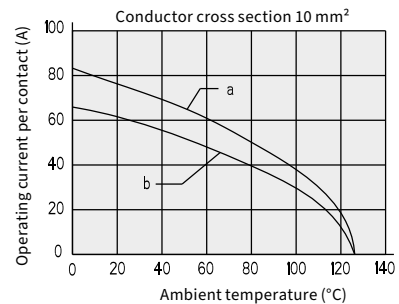
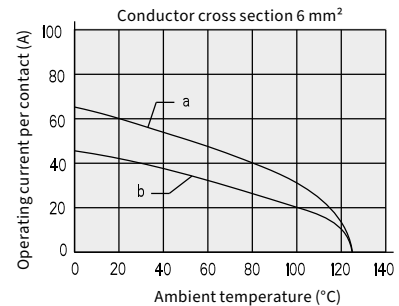
Surge voltage 8.0 kV

Test voltage 5.7 kV

Contact resistance ≤ 1 Ω

The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Curve	No. of poles	Retaining frame
a	2	MO B 6
a	9	MO B 10
b	4	MO B 16
b	4	MO B 24





Tools	Removal tool	Crimping tool	Removal tool
	for contacts MO 3	for turned contacts 1.5 - 10 mm ² or 16 - 18 AWG, 4 indent crimping tool	for contact carriers

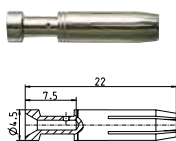
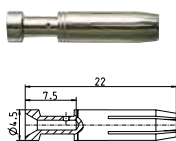
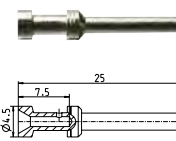
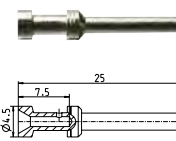
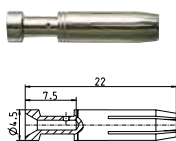
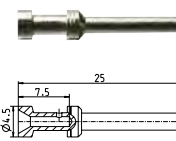


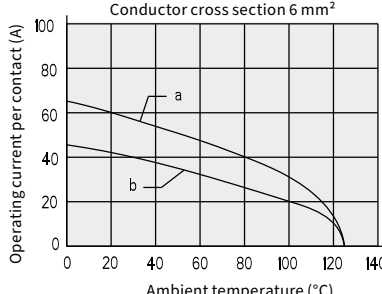
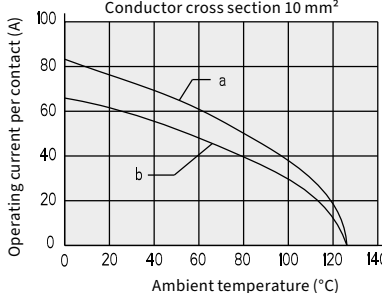
Part no.: Packaging unit Weight	779000 1 pc. 28 g	710610 1 pc. 663 g	779300 1 pc. 30 g
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Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark	Contact carrier MO 4 P for sleeve contacts	Contact carrier MO 4 P for pin contacts
UL/CSA: 630 V UR, CSA, SEV		
Part no.: Packaging unit Weight	771605 10 pcs. 8.7 g	771705 10 pcs. 9.7 g
<i>Please order crimp contacts separately</i>		

Contact arrangement	View from termination side	View from termination side
View from termination side		

Contacts	Sleeve contact MO 4 for crimp terminal	Pin contacts MO 4 for crimp terminal, pin Ø 3.6 mm ²																																																																			
Terminal cross section	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">0.14-0.37 mm²</td> <td style="width: 33%;">26-22 AWG</td> <td style="width: 33%;"></td> </tr> <tr> <td>0.5 mm²</td> <td>20 AWG</td> <td></td> </tr> <tr> <td>0.75 mm²</td> <td>18 AWG</td> <td></td> </tr> <tr> <td>1 mm²</td> <td>18 AWG</td> <td></td> </tr> <tr> <td>1.5 mm²</td> <td>16 AWG</td> <td></td> </tr> <tr> <td>2.5 mm²</td> <td>14 AWG</td> <td></td> </tr> </table>	0.14-0.37 mm ²	26-22 AWG		0.5 mm ²	20 AWG		0.75 mm ²	18 AWG		1 mm ²	18 AWG		1.5 mm ²	16 AWG		2.5 mm ²	14 AWG		<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;"></td> <td style="width: 33%;">silver-plated</td> <td style="width: 33%;">gold-plated</td> </tr> <tr> <td></td> <td>710508</td> <td>710916</td> </tr> <tr> <td></td> <td>710504</td> <td>710842</td> </tr> <tr> <td></td> <td>710509</td> <td>710917</td> </tr> <tr> <td></td> <td>710500</td> <td>710843</td> </tr> <tr> <td></td> <td>710501</td> <td>710844</td> </tr> <tr> <td></td> <td>710502</td> <td>710845</td> </tr> <tr> <td></td> <td>100 pcs.</td> <td>100 pcs.</td> </tr> </table>		silver-plated	gold-plated		710508	710916		710504	710842		710509	710917		710500	710843		710501	710844		710502	710845		100 pcs.	100 pcs.	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;"></td> <td style="width: 33%;">silver-plated</td> <td style="width: 33%;">gold-plated</td> </tr> <tr> <td></td> <td>710518</td> <td>710918</td> </tr> <tr> <td></td> <td>710514</td> <td>710847</td> </tr> <tr> <td></td> <td>710519</td> <td>710919</td> </tr> <tr> <td></td> <td>710510</td> <td>710848</td> </tr> <tr> <td></td> <td>710511</td> <td>710849</td> </tr> <tr> <td></td> <td>710512</td> <td>710850</td> </tr> <tr> <td></td> <td>100 pcs.</td> <td>100 pcs.</td> </tr> </table>		silver-plated	gold-plated		710518	710918		710514	710847		710519	710919		710510	710848		710511	710849		710512	710850		100 pcs.	100 pcs.
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	100 pcs.	100 pcs.																																																																			
Packaging unit																																																																					

Technical specifications MO 4-poles																	
Number of poles	4																
Contacts	solid, turned, copper alloy, silver-plated, contact diameter 3.6 mm	The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.															
Terminal cross section	0.5 - 4 mm ² (20-12 AWG)																
Rated current	25 A	<table border="0" style="width: 100%;"> <tr> <td>Curve</td> <td>No. of poles</td> <td>Retaining frame</td> </tr> <tr> <td>a</td> <td>2</td> <td>MO B 6</td> </tr> <tr> <td>a</td> <td>9</td> <td>MO B 10</td> </tr> <tr> <td>b</td> <td>4</td> <td>MO B 16</td> </tr> <tr> <td>b</td> <td>4</td> <td>MO B 24</td> </tr> </table>	Curve	No. of poles	Retaining frame	a	2	MO B 6	a	9	MO B 10	b	4	MO B 16	b	4	MO B 24
Curve	No. of poles		Retaining frame														
a	2		MO B 6														
a	9		MO B 10														
b	4		MO B 16														
b	4	MO B 24															
Rated voltage	630 V																
Surge voltage	8.0 kV																
Test voltage	4 kV																
Contact resistance	< 2 mΩ																
Temperature range	-40 °C up to +100 °C, temporarily up to + 125 °C	 															
Pollution degree	3																

Tools	Removal tool	WALTHER crimping tool	Removal tool
	for contact carriers	for conductor cross section 0.14-4 mm ² or 26-12 AWG, only for turned contacts	for contact carriers



Part no.: Packaging unit Weight	719619 1 pc. 34 g	710611 1 pc. 510 g	779300 1 pc. 30 g
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1
2
3
4
5
6
7
8
9
10
11
Retaining frames MO
Inserts MO 2 – MO 5.1
Inserts MO bus
Inserts MO 5 MO 20/MO LAN
Inserts MO Pneumatic/MO 0

Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark	Contact carrier MO 4 + PE for sleeve contacts	Contact carrier MO 4 + PE for pin contacts
UL/CSA: 1000 V 		
Part no.: Packaging unit Weight	771610 10 pcs. 6 g	771710 10 pcs. 7 g
<i>Please order crimp contacts separately</i>		PE contact 10 pcs. 2 mm first-to-mate

Contact arrangement		
View from termination side		

Contacts	Sleeve contact MO 4 P + PE for crimp-type, stamped, single contact	Pin contacts MO 4 P + PE for crimp-type, stamped, single contact Pin Ø 2.5 mm ²
Terminal cross section		
0.5 - 1.5 mm ² 20 - 16 AWG 1.5 - 2.5 mm ² 16 - 14 AWG 2.5 - 4 mm ² 12 AWG	 silver-plated 773200 773230 773260	 silver-plated 773300 773330 773360
Packaging unit	100 pcs. <i>Strip contacts on request</i>	100 pcs. <i>Strip contacts on request</i>

Technical specifications MO 4-poles + PE

For pin contact carrier MO 4 P + PE the PE contact 2 mm is first-to-mate	The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.	
Number of poles 4 + PE		
Contacts stamped, copper alloy silver-plated, contact diameter 2.5 mm		
Terminal cross section 0.5 - 4 mm ² (20-12 AWG)		
Rated current max. 16 A see derating diagram	Curve	No. of poles Retaining frame
Rated voltage 1000 V	a	2 MO B 6
Surge voltage 8.0 kV	a	9 MO B 10
Test voltage 5.7 kV	b	4 MO B 16
Contact resistance ≤ 5 Ω	b	4 MO B 24

Conductor cross section 6 mm²

Conductor cross section 10 mm²

Tools	Removal tool	Crimping tool	Removal tool
	for contacts MO 4 P + PE	for single contacts Crimping dies Contact supports	for contact carriers
Conductor cross section (mm ²) (AWG)			
0.5 - 1.5 20 - 16 1.5 - 2.5 16 - 14 0.5 - 1.5 20 - 16 1.5 - 2.5 16 - 14	779800 1 pc. 28 g	779700 1 pc. 420 g	779300 1 pc. 30 g
Part no.: Packaging unit Weight		779730 1 pc. 420 g	774010 1 pc. 420 g



Series MO 5.1 P

Termination method: Crimp | 16 A, 1000 V

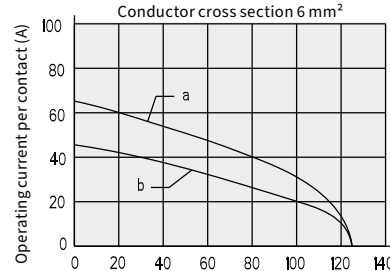
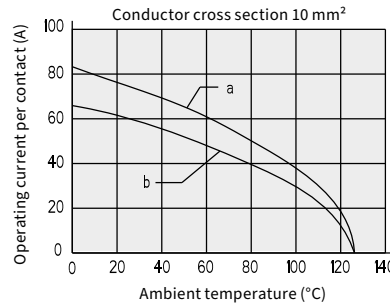
Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.




Approvals/Certification mark	Contact carrier MO 5.1 for sleeve contacts	Contact carrier MO 5.1 for pin contacts
UL/CSA: 1000 V 		
Part no.: Packaging unit Weight <i>Please order crimp contacts separately</i>	771620 10 pcs. 6 g	771720 10 pcs. 7 g

Contact arrangement	Sleeve contact MO 5.1	Pin contacts MO 5.1
View from termination side		

Contacts	Sleeve contact MO 5.1	Pin contacts MO 5.1
Terminal cross section	for crimp-type, stamped, single contact	for crimp-type, stamped, single contact Pin Ø 2.5 mm ²
0.5 - 1.5 mm ² 20 - 16 AWG 1.5 - 2.5 mm ² 16 - 14 AWG 2.5 - 4 mm ² 12 AWG	 silver-plated 773200 773230 773260	 silver-plated 773300 773330 773360
Packaging unit	100 pcs. <i>Strip contacts on request</i>	100 pcs. <i>Strip contacts on request</i>

Technical specifications MO 5.1-poles

Number of poles	5	The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.	
Contacts	stamped, copper alloy silver-plated, contact diameter 2.5 mm		
Terminal cross section	0.5 - 4 mm ² (20-12 AWG)		
Rated current	max. 16 A see derating diagram		
Rated voltage	1000 V		
Surge voltage	8.0 kV	Curve No. Retaining frame of poles	
Test voltage	5.7 kV	a 2 MO B 6	
Contact resistance	≤ 5 Ω	a 9 MO B 10	
		b 4 MO B 16	
		b 4 MO B 24	

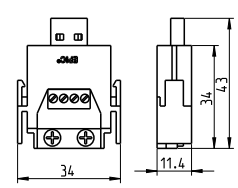
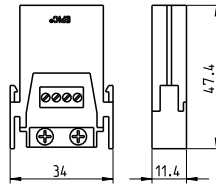
Tools	Removal tool	Crimping tool	Removal tool										
	for contacts MO 4 P + PE	for single contacts Crimping dies Contact supports	for contact carriers										
Conductor cross section <table border="1" style="font-size: small;"> <thead> <tr> <th>(mm²)</th> <th>(AWG)</th> </tr> </thead> <tbody> <tr><td>0.5 - 1.5</td><td>20 - 16</td></tr> <tr><td>1.5 - 2.5</td><td>16 - 14</td></tr> <tr><td>0.5 - 1.5</td><td>20 - 16</td></tr> <tr><td>1.5 - 2.5</td><td>16 - 14</td></tr> </tbody> </table>	(mm ²)	(AWG)	0.5 - 1.5	20 - 16	1.5 - 2.5	16 - 14	0.5 - 1.5	20 - 16	1.5 - 2.5	16 - 14			
(mm ²)	(AWG)												
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0.5 - 1.5	20 - 16												
1.5 - 2.5	16 - 14												
Part no.: Packaging unit Weight	779800 1 pc. 28 g	779700 1 pc. 420 g	<table border="1" style="font-size: small;"> <tbody> <tr> <td>779730</td> <td>774010</td> </tr> <tr> <td>779740</td> <td>774020</td> </tr> <tr> <td>1 pc.</td> <td>1 pc.</td> </tr> <tr> <td>420 g</td> <td>420 g</td> </tr> </tbody> </table> 779300 1 pc. 30 g	779730	774010	779740	774020	1 pc.	1 pc.	420 g	420 g		
779730	774010												
779740	774020												
1 pc.	1 pc.												
420 g	420 g												

Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark

Universal bus modules female insert

Universal bus modules pin insert



Part no.:

Packaging unit
Weight

775010

10 pcs.
17 g

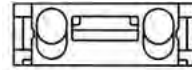
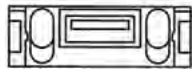
775110

10 pcs.
14.5 g

Please order crimp contacts separately

Contact arrangement

View from termination side

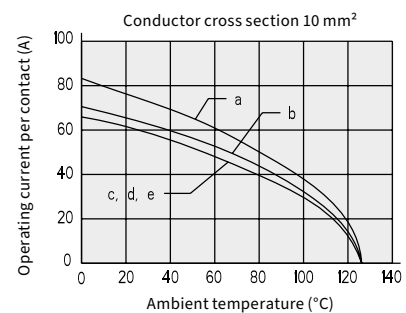
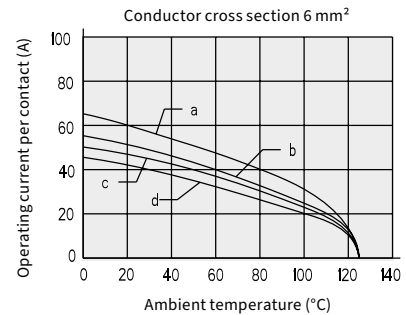


Technical specifications MO 4-poles + shielding

Number of poles	4 + shielding
Contacts	copper alloy, gold-plated
Terminal cross section	0.08 - 1.5 mm ² (20-16 AWG)
Mating cycles	100
Rated current	1 A
Rated voltage	30 V
Contact resistance	< 2 mΩ
Temperature range	-20 °C up to +85 °C
Pollution degree	3

The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Curve	No. of poles	Retaining frame
a	3	MO B 6
b	6	MO B 6
c	9	MO B 10
d	15	MO B 16
e	21	MO B 24



Tools

Removal tool

for contact carriers



Part no.:

779300

1 pc.
30 g

MO Profibus DP 2 P + shield

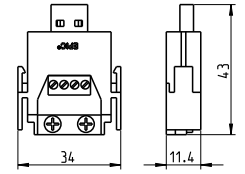
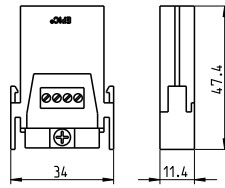
Termination method: Screw | 1 A, 30 V

Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark

Universal bus modules female insert

Universal bus modules pin insert



Part no.:

Packaging unit
Weight

Please order crimp contacts separately

775020

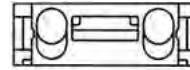
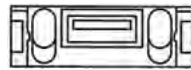
10 pcs.
17.4 g

775120

10 pcs.
16 g

Contact arrangement

View from termination side

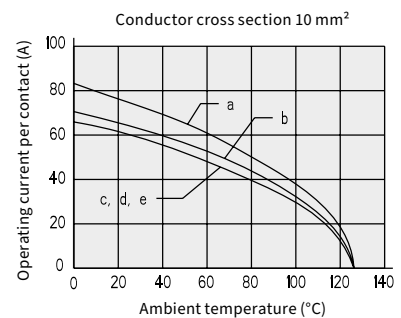
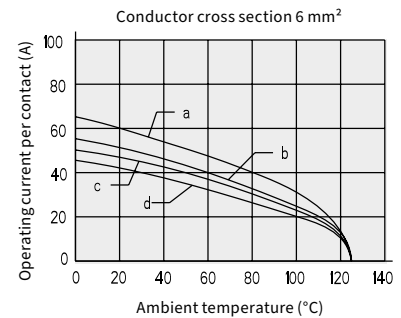


Technical specifications MO Profibus DP 2-poles + shielding

Number of poles	2 + shielding
Termination methods	for Profibus cable
Contacts	copper alloy, gold-plated
Terminal cross section	0.08 - 1.5 mm ² (20-16 AWG)
Mating cycles	100
Rated current	1 A
Rated voltage	30 V
Contact resistance	< 2 mΩ
Test voltage	5.7 kV
Temperature range	-20 °C up to +85 °C
Pollution degree	3

The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Curve	No. of poles	Retaining frame
a	3	MO B 6
b	6	MO B 6
c	9	MO B 10
d	15	MO B 16
e	21	MO B 24



Tools

Removal tool

for contact carriers



Part no.:

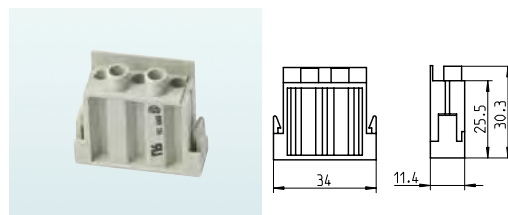
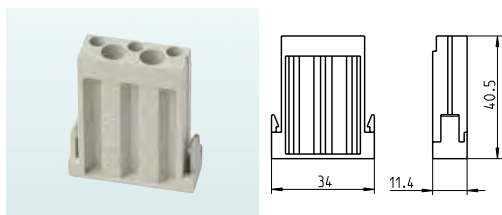
779300

1 pc.
30 g

Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark	Contact carrier MO 5 for sleeve contacts	Contact carrier MO 5 for pin contacts
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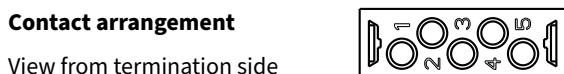
UL/CSA: 400 V

Part no.: 771005
 Packaging unit: 10 pcs.
 Weight: 8 g

Part no.: 771105
 Packaging unit: 10 pcs.
 Weight: 6 g

Please order crimp contacts separately



Contacts	Sleeve contact MO 5 for crimp terminal	Pin contacts MO 5 for crimp terminal, pin Ø 2.5 mm ²
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Terminal cross section

- 0.5 mm² 20 AWG
- 0.75 - 1 mm² 19 - 18 AWG
- 1.5 mm² 16 AWG
- 2.5 mm² 14 - 12 AWG
- 4 mm² 12 AWG



- silver-plated
- 772210**
 - 772220**
 - 772230**
 - 772240**
 - 772250**



- silver-plated
- 772310**
 - 772320**
 - 772330**
 - 772340**
 - 772350**

Packaging unit

100 pcs.

100 pcs.

Technical specifications MO 5-poles

Number of poles: 5

Contacts: solid, turned, copper alloy, silver-plated contact diameter 2.5 mm

Terminal cross section: 0.5 - 4 mm² (20-12 AWG)

Rated current: max. 20 A see derating diagram

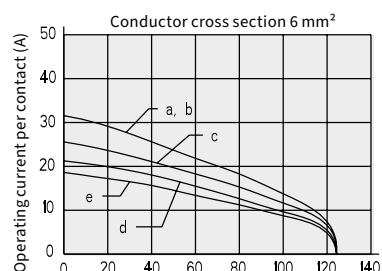
Rated voltage: 400 V

Surge voltage: 6.0 kV

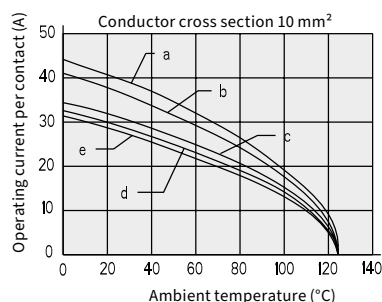
Test voltage: 3.5 kV

Contact resistance: ≤ 2 mΩ

The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.



Curve	No. of poles	Retaining frame
a	5	MO B 6
b	10	MO B 6
c	15	MO B 10
d	25	MO B 16
e	35	MO B 24

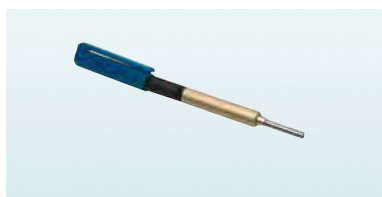


Tools	Removal tool	WALTHER crimping tool	Removal tool
-------	--------------	-----------------------	--------------

for contacts MO 5 P

for conductor cross section 0.14-4 mm² or 26-12 AWG, only for turned contacts

for contact carriers



Part no.: 779100
 Packaging unit: 1 pc.
 Weight: 26 g

Part no.: 710611
 Packaging unit: 1 pc.
 Weight: 510 g

Part no.: 779300
 Packaging unit: 1 pc.
 Weight: 30 g

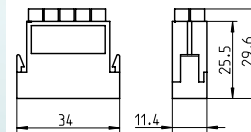
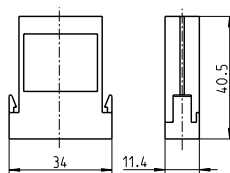
Series MO10 P

Termination method: Crimp, optical waveguide | 10 A, 250 V

Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark	Contact carrier MO 10 for sleeve contacts	Contact carrier MO 10 for pin contacts
------------------------------	---	--

UL/CSA: 250 V



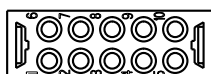
Part no.: **771010**
 Packaging unit: 10 pcs.
 Weight: 8 g

Part no.: **771110**
 Packaging unit: 10 pcs.
 Weight: 6 g

Please order crimp contacts and contacts for optical waveguide separately

Contact arrangement

View from termination side



Contacts

Terminal cross section

0.14 - 0.37 mm ²	26 - 22 AWG
0.5 mm ²	20 AWG
0.75 - 1 mm ²	19 - 18 AWG
1.5 mm ²	16 AWG
2.5 mm ²	14 AWG

Sleeve contact MO 10

for crimp-type, solid, turned

	silver-plated	gold-plated
	720506	720686
	720507	720687
	720508	720688
	720509	720689
	720502	720690

Pin contacts MO 10

for crimp-type, solid, turned

	silver-plated	gold-plated
	720516	720691
	720517	720692
	720518	720693
	720519	720694
	720512	720695

POF* Ø 1 mm

Optical waveguide for POF, solid, turned



720520

100 pcs.

Optical waveguide for POF, solid, turned



720530

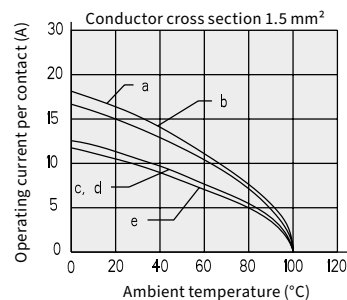
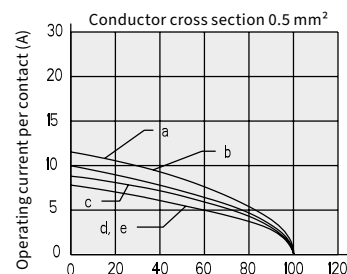
100 pcs.

Technical specifications MO 10-poles

Number of poles	10
Contacts	solid, turned, copper alloy, silver-plated contact diameter 1.6 mm
Terminal cross section	0.14 - 2.5 mm ² (26-14 AWG)
Rated current	max. 10 A see derating diagram
Rated voltage	250 V
Surge voltage	4.0 kV
Test voltage	2.2 kV
Contact resistance	≤ 2 mΩ

The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.

Curve	No. of poles	Retaining frame
a	10	MO B 6
b	20	MO B 6
c	35	MO B 10
d	50	MO B 16
e	70	MO B 24



Tools	Removal tool	Crimping tool	Removal tool
-------	--------------	---------------	--------------

for contacts D

for conductor cross section 0.14-4 mm² or 26 -12 AWG, only for turned contacts

for contact carriers





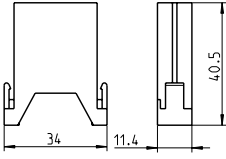

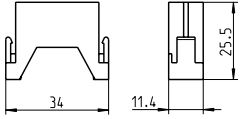
Part no.: **710614**
 Packaging unit: 1 pc.
 Weight: 7 g

Part no.: **710611**
 Packaging unit: 1 pc.
 Weight: 510 g



Part no.: **710813**
 Replacement crimping dies

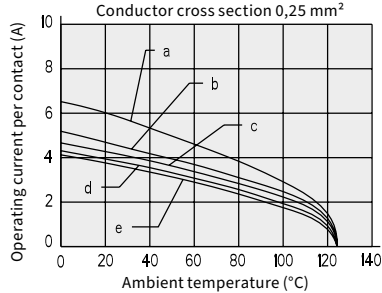
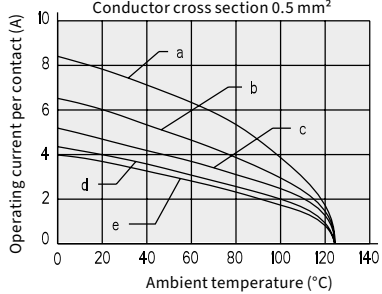
Part no.: **779300**
 Packaging unit: 1 pc.
 Weight: 30 g

Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark	Contact carrier MO 20 for sleeve contacts	Contact carrier MO 20 for pin contacts
UL/CSA: 63 V 	 	 
Part no.:	771020	771120
Packaging unit	10 pcs.	10 pcs.
Weight	6 g	4 g
<i>Please order crimp contacts separately</i>		

Contact arrangement		
View from termination side		

Contacts		
Terminal cross section	Sleeve contact MO 20 for crimp-type, stamped, single contact Strip contacts on request	Pin contacts MO 20 for crimp-type, stamped, single contact - Strip contacts on request -, pin Ø 1 mm ²
0.09 - 0.25 mm ² 0.25 - 0.5 mm ²	 gold-plated 773000 773001	 gold-plated 773100 773101
Packaging unit	100 pcs.	100 pcs.

Technical specifications MO 20-poles																				
Number of poles	20																			
Contacts	stamped, copper alloy gold-plated Contact diameter 1.0 mm	The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.																		
Terminal cross section	0.09 - 0.5 mm ² (28-20 AWG)																			
Rated current	max. 5 A see derating diagram																			
Rated voltage	63 V																			
Surge voltage	4.0 kV																			
Test voltage	1.68 kV																			
Contact resistance	≤ 5 mΩ																			
		<table border="1"> <thead> <tr> <th>Curve</th> <th>No. of poles</th> <th>Retaining frame</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>20</td> <td>MO B 6</td> </tr> <tr> <td>b</td> <td>40</td> <td>MO B 6</td> </tr> <tr> <td>c</td> <td>60</td> <td>MO B 10</td> </tr> <tr> <td>d</td> <td>100</td> <td>MO B 16</td> </tr> <tr> <td>e</td> <td>140</td> <td>MO B 24</td> </tr> </tbody> </table>	Curve	No. of poles	Retaining frame	a	20	MO B 6	b	40	MO B 6	c	60	MO B 10	d	100	MO B 16	e	140	MO B 24
Curve	No. of poles	Retaining frame																		
a	20	MO B 6																		
b	40	MO B 6																		
c	60	MO B 10																		
d	100	MO B 16																		
e	140	MO B 24																		
		 Conductor cross section 0,25 mm ²  Conductor cross section 0.5 mm ²																		

Tools	Removal tool	Crimping tool	Removal tool
	for contacts MO 20 P	for stamped contacts MO 20	for contact carriers
			

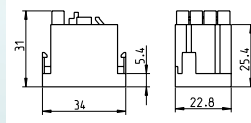
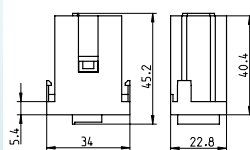
Part no.:	779200	779500	779300
Packaging unit	1 pc.	1 pc.	1 pc.
Weight	20 g	510 g	30 g

Series MO RJ45

Termination method: Crimp, optical waveguide | 13 A, 400 V

Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark	RJ female module	RJ male module
------------------------------	------------------	----------------



Part no.:	775000	Attention: 2 module spaces required in the frame
Packaging unit	10 pcs.	
Weight	25 g	

Please order crimp contacts and contacts for optical waveguide separately

775100
10 pcs.
10 g

Contacts

Terminal cross section

0.14 - 0.37 mm ²	26 - 22 AWG
0.5 mm ²	20 AWG
0.75 - 1 mm ²	19 - 18 AWG
1.5 mm ²	16 AWG
2.5 mm ²	14 AWG

POF* Ø 1 mm

Packaging unit

24 - 26 AWG

Sleeve contacts D

for crimp-type, solid, turned

silver-plated gold-plated



720506	720686
720507	720687
720508	720688
720509	720689
720502	720690

Optical waveguide for POF, solid, turned



720520
100 pcs.

Pin contacts D

for crimp-type, solid, turned

silver-plated gold-plated



720516	720691
720517	720692
720518	720693
720519	720694
720512	720695

Optical waveguide for POF, solid, turned



720530
100 pcs.

Pin contact RJ 45

for crimp terminal Cat5



720545

Technical specifications MO RJ45

General characteristics

Number of poles
Termination method
Terminal cross section
Flame class rating

Crimp contact
4
crimping
0.14 - 2.5 mm²
V0

RJ45
8
plugging/crimping

V0

Mechanical characteristics
Plugging & withdrawing force
Mechanical operating life

Crimp contact
15 - 20 N
≥ 500 mating cycles

RJ45
max. 20 N
≥ 100 mating cycles

Electrical data

Rated voltage
Rated surge voltage
Voltage sustaining capability
Current-carrying capacity
Contact resistance
Insulation resistance

400 V AC
6.0 kV
3.51 kV
13 A¹⁾
≤ 5 mΩ
10¹⁰ Ω

125 V AC
1.8 kV
1.0 kV
1.5 A
≤ 20 mΩ
5⁸ Ω

Materials:

Contact insert
Color
Contacts pin / sleeve
Contact surface

PA 6.6 GF
black
CuZn
Ag (silver)

black
CuSn
Au (gold)

1) 2 modules, 40 °C ambient temperature, 1.5 mm² terminal cross section

RJ modules

- For integration of standard RJ45 components
- Worldwide real-time access to machines and facilities
 - Very easy wiring by using standard RJ45 components
 - One connector for power, signals and data transmission
 - 4 D crimp contacts additionally
 - Time and cost savings due to active and passive components
 - Homogeneous transmission protocol both in office & production areas
 - Achieves CAT 5 for Ethernet acc. to ISO/IEC 11801

Tools

Removal tool

for contacts D



WALTHER crimping tool

for conductor cross section 0.14-4 mm² or 26-12 AWG, only for turned contacts



Removal tool

for contact carriers



Part no.: **710614**
Packaging unit: 1 pc.
Weight: 7 g

710611
1 pc.
510 g

779300
1 pc.
30 g

1

2

3

4

5

6

7

8

9

10

11

Retaining frames
MO

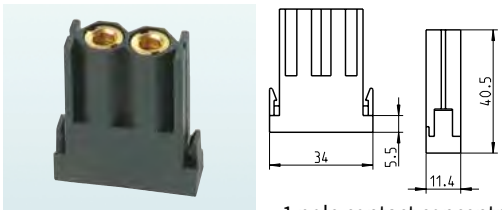
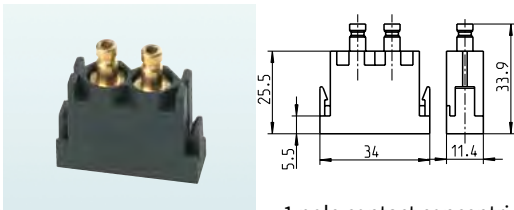
Inserts
MO 2 - MO 5.1

Inserts
MO bus

Inserts MO 5
MO 20/MO LAN

Inserts MO
Pneumatic/MO 0

Power and signal modules can be combined in one housing. This mixed equipment guarantees high flexibility.

Approvals/Certification mark	Pneumatic module female inserts with contacts	Pneumatic module male inserts with contacts
	 <p>1 pole contact concentric</p>	 <p>1 pole contact concentric</p>
Part no.:	771001 1P hose Ø 2.5 mm 771002 2P hose Ø 2.5 mm 771004 1P hose Ø 4.0 mm 771006 2P hose Ø 4.0 mm	771101 1P hose Ø 2.5 mm 771102 2P hose Ø 2.5 mm 771104 1P hose Ø 4.0 mm 771106 2P hose Ø 4.0 mm
Packaging unit	10 pcs.	10 pcs.

Technical specifications MO 1 P + 2 P pneu

Number of poles:	1 and 2
Material:	Glassfiber-reinforced PA
Temperature range:	- 20 °C up to + 100 °C
Flame class rating:	V0 acc. to UL 94
Mechanical operating life:	5000 mating cycles
Termination method:	hose connection, only PTFE
Operating pressure:	8 bar
Switched path:	4.0 mm
Shut off:	unidirectional
Contacts (mounted):	brass MS 58

Tools

Removal tool
for contact carriers and blind module



Part no.:	779300
Packaging unit	1 pc.
Weight	30 g

1
2
3
4
5
6
7
8
9
10
11
Retaining frames MO
Inserts MO 2 – MO 5.1
Inserts MO bus
Inserts MO 5 MO 20/MO LAN
Inserts MO Pneumatic/MO 0

Approvals/Certification mark	Blind module for female frame	Blind module for male frame
Part no.:	771000	771100
Packaging unit	10 pcs.	10 pcs.
Weight	5 g	3 g

Use of blind modules:

- to fill gaps in retaining frames
- as dummy for future upgrading

Tools	Removal tool
	for contact carriers and blind module
Part no.:	779300
Packaging unit	1 pc.
Weight	30 g

	<p>Hood with female insert, height 66 mm for single locking lever</p> <p>700724</p>
	<p>Hood with female insert, height 66 mm for single locking lever</p> <p>700725</p>
	<p>Coupler hood, with female insert, height 63 mm with single locking lever</p> <p>700726</p>
	<p>Coupler hood, with female insert, height 63 mm with single locking lever</p> <p>700727</p>

Series A3 connectors with insulation displacement connection

The convenience of the insulation displacement connection can also be used with a classic rectangular connector - a 4-pole (3+PE) industrial connector, series A.

Male and female versions are available in hoods and coupler hoods made of plastic.



Thanks to insulation displacement technology, the 4-core round cable is connected within a few seconds:

Only one part - the sleeve nut - has to be slid over the cable, since splice ring, seal and strain relief crown are connected with the sleeve nut.

IDC technique is tested on the basis of:

EN 60 352-4:	Solderless and inaccessible IDC connections
EN 50 262:	Entry for cables and wires
DIN EN 60 998-2-3:	Equipment for IDC points
DIN VDE 0627:	Connectors and plug-and-socket devices

Connector A3 with IDC terminal

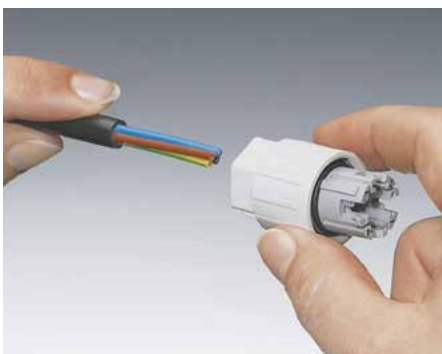
Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	
			Part no.:	Part no.:	Part no.:		1
A3		10	700724				2
		25					3
		25					4
A3		10	700725				5
		25					6
		25					7
A3		10	700726				8
		28					9
		28					10
A3		10	700727				11
		28					Housings A3 IDC
		28					Housings A3/A4/A5/D7/D8
							Housings A10/D15
							Housings A16/D25
							Housings A32/D50

Assembly

Slide the sleeve nut of the insulation displacement connection onto the stripped conductor. Lead the wires into the marked

wire guides and cut off the projecting wire ends flush, i.e. so that there is no overhang. Screw the sleeve nut onto the connector -











and the round cable connection is ready. If the connection is to be separated again, just unscrew the sleeve nut.





A brief overview of the installation options for housings of series A3, A4, A5, D7 and D8

The housings shown on the following pages can be equipped with the inserts listed below:

	Screw terminal inserts		Crimp contact carriers	
A3	Female insert Part no.: 710106 	Male insert Part no.: 710206 		
A4	Female insert Part no.: 710769 	Male insert Part no.: 710773 		
A5			Female insert Part no.: 700105 	Male insert Part no.: 700205 
D7	D7 inserts must only be installed in plastic housings as no active protective ground pin connection to the housing is possible.		for sleeve contacts Part no.: 720307 	for pin contacts Part no.: 720407 
D8	D8 inserts are only approved for protective extra-low voltages up to max. 50 V.		for sleeve contacts Part no.: 720308 	for pin contacts Part no.: 720408 

Contacts for crimp contact carriers of series:

A5 see page 39

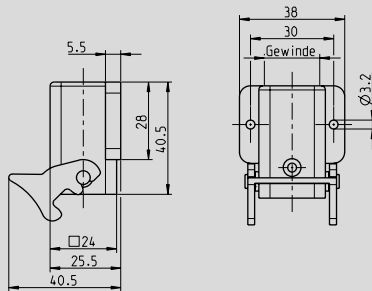
D7 see page 70

D8 see page 71

Specifications for housings

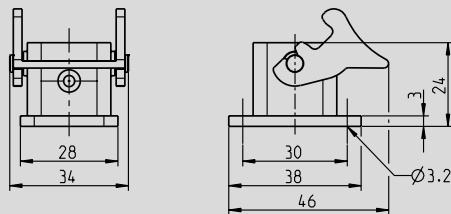
Plastic housings

Material:	Glassfiber-reinforced polyamide
Locking levers:	Polyamide
Flame class rating acc. to UL 94:	V 0
Housing gasket:	NBR
Temperature range:	- 25 °C up to + 100 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



T700620

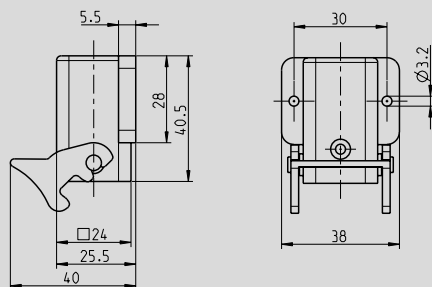
**Wall mount housings,
plastic,
height 25.5 mm,
with single locking lever**



700621

**Panel housings,
plastic,
height 24 mm,
with single locking lever,
straight**

Panel cutout 21 x 21 mm



700622

**Panel housings,
plastic,
height 25.5 mm,
with single locking lever,
angled**

Panel cutout 21 x 21 mm

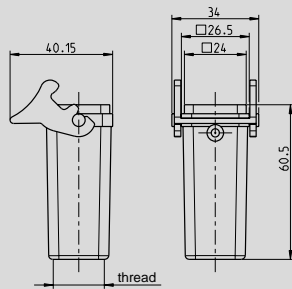
Housings for series A3, A4, A5, D7, D8

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
A3 A4 A5 D7 D8	1 x M 20	10 17	light gray (RAL 7035) T700620 black T700671	710944 710944	717642 717642		7 8
A3 A4 A5 D7 D8	1 x M 20	85					9
A3 A4 A5 D7 D8		10 13	light gray (RAL 7035) 700621 black 700672				10 11
A3 A4 A5 D7 D8		10 20	light gray (RAL 7035) 700622 black 700673				Housings A3 IDC Housings A3/A4/A5/D7/D8 Housings A10/D15
							Housings A16/D25
							Housings A32/D50

Specifications for housings

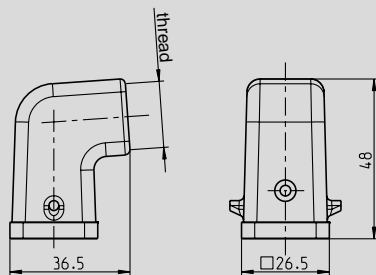
Plastic housings

Material:	Glassfiber-reinforced polyamide
Locking levers:	Polyamide
Flame class rating acc. to UL 94:	V 0
Housing gasket:	NBR
Temperature range:	- 25 °C up to + 100 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



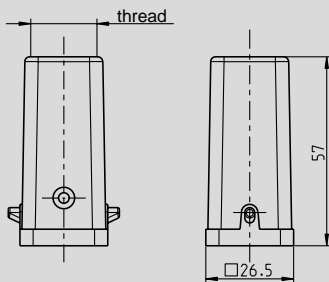
T700623MS

**Coupler hoods,
plastic,
height 60.5 mm**
with single locking lever
top cable entry



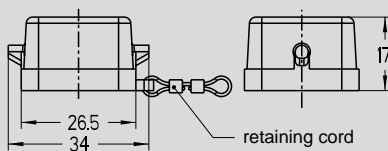
T700624MS

**Hoods,
plastic,
height 48 mm**
for single locking lever
side cable entry



T700625MS

**Hoods,
plastic,
height 57 mm**
for single locking lever
top cable entry



700631

**Protective covers,
plastic,
with retaining cord**
for housings with single locking lever
light gray (RAL 7035)

Housings for series A3, A4, A5, D7, D8

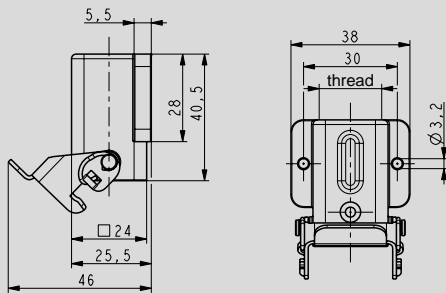
Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3 4 5 6
A3 A4 A5 D7 D8	1 x M 20*	10 23	light gray (RAL 7035) T700623MS		717636		7 8 9 10
A3 A4 A5 D7 D8	1 x M 20*	10 13	light gray (RAL 7035) T700624MS		717636		11
A3 A4 A5 D7 D8	1 x M 20*	13	black T700675MS		717636		Housings A3 IDC
A3 A4 A5 D7 D8	1 x M 20*	10 13	light gray (RAL 7035) T700625MS		717636		Housings A3/A4/A5/D7/D8
A3 A4 A5 D7 D8	1 x M 20*	13	black T700676MS		717636		Housings A10/D15
A3 A4 A5 D7 D8		10 5	for housings with female insert 700631MD				Housings A16/D25
A3 A4 A5 D7 D8		5	for housings with male insert black 700631				Housings A32/D50

* plastic

Specifications for housings

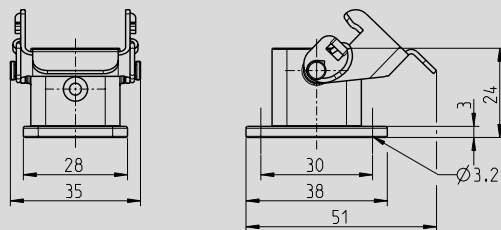
Metal housings

Material:	Zinc die cast
Surface:	Powder coated
Locking levers:	Zinc-plated steel
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



T701403

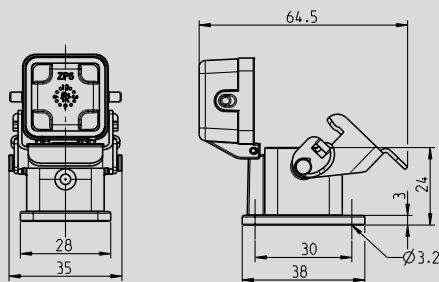
Wall mount housings,
zinc die cast,
height 25.5 mm
with single locking lever



700303

Panel housing,
zinc die cast,
height 24 mm
with single locking lever
straight

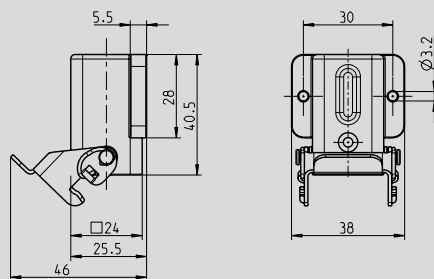
Panel cutout 21 x 21 mm



700403

Panel housings,
zinc die cast,
height 24 mm
with single locking lever
straight

Panel cutout 21 x 21 mm



704503

Panel housing,
zinc die cast,
height 25.5 mm
with single locking lever
angled

Panel cutout 21 x 21 mm

Housings for series A3, A4, A5, D8

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
A3 A4 A5 D8	1 x M 20	10 61	With open bottom T701403	710938	719629		4
	1 x M 20	92	With closed bottom T701003	710938	719629		5
A3 A4 A5 D8		10 48	704303				6
A3 A4 A5 D8		10 27	with zinc hinged lid 704403				7
		54	with alu hinged lid 704403OD				8
A3 A4 A5 D8		10 79	704503				9
							10
							11

Housings
A3 IDC

Housings
A3/A4/A5/D8

Housings
A10/D15

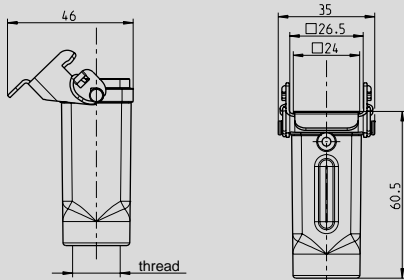
Housings
A16/D25

Housings
A32/D50

Specifications for housings

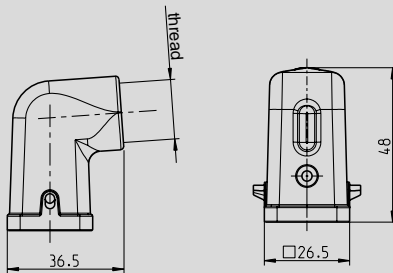
Metal housings

Material:	Zinc die cast
Surface:	Powder coated
Locking levers:	Zinc-plated steel
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



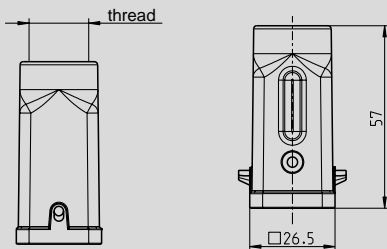
T703803MS

Coupler hoods,
zinc die cast,
height 60.5 mm
with single locking lever
top cable entry



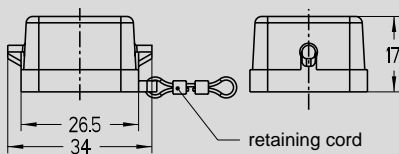
T702603MS

Hoods,
zinc die cast,
height 48 mm
for single locking lever
side cable entry



T702803MS

Hoods,
zinc die cast,
height 57 mm
for single locking lever
top cable entry



700631AL

Protective covers,
zinc die cast,
with retaining cord
for housings with single locking lever



Housings for series A3, A4, A5, D8

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
A3 A4 A5 D8	1 x M 20	10 80	T703803MS		717637		7
							8
							9
							10
A3 A4 A5 D8	1 x M 20	10 56	T702603MS		717637		11
							Housings A3 IDC
A3 A4 A5 D8	1 x M 20	10 63	T702803MS		717637		Housings A3/A4/A5/D7/D8
							Housings A10/D15
A3 A4 A5 D8	for housing with female insert	10 5	700631ALMD				Housings A16/D25
	for housing with male insert	5	700631AL				Housings A32/D50



A brief overview of the installation options for inserts of series A10 and D15

The housings shown on the following pages can be equipped with the inserts listed below:

	Screw terminal inserts		Crimp contact carriers	
A10	Female insert Part no.: 700110	Male insert Part no.: 700210	Female insert Part no.: 700310	Male insert Part no.: 700410
				
D15			Female insert Part no.: 720315	Male insert Part no.: 720415
				

Contacts for crimp contact carriers of series:

A10 see page 41

D15 see page 73

1

2

3

4

5

6

7

8

9

10

11

Housings A3 IDC

Housings A3/A4/A5/D7/D8

Housings A10/D15

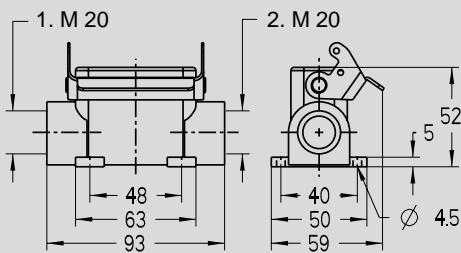
Housings A16/D25

Housings A32/D50

Specifications for housings

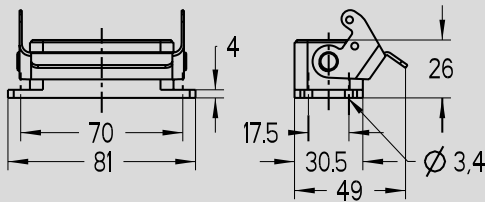
Metal housings

Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	Zinc-plated steel
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



T701410MS

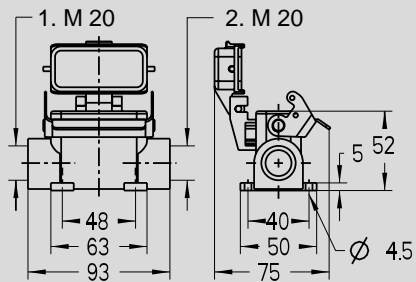
Wall mount housings,
aluminum die cast,
height 52 mm
with single locking lever



704310

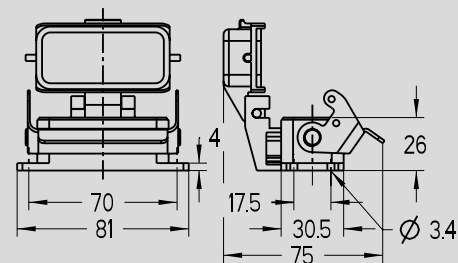
Panel housing,
aluminum die cast,
height 26 mm
with single locking lever

Panel cutout 57.5 x 24 mm



T701610MS

Wall mount housings,
aluminum die cast,
height 52 mm
with single locking lever
with hinged lid



704410

Panel housing,
aluminum die cast,
height 26 mm
with single locking lever
with hinged lid

Panel cutout 57.5 x 24 mm

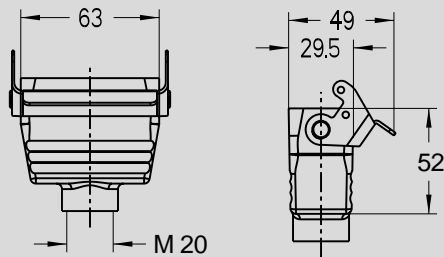
Housings for series A10, D15

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3 4 5 6
A10 D15	1 x M 20	10 206	T701410MS		717637		7
	2 x M 20	203	T701510MS		717637		8 9 10
A10 D15		10 129	704310				11 Housings A3 IDC
A10 D15	1 x M 20	10 226	T701610MS		717637		Housings A3/A4/A5/D7/D8
	2 x M 20	217	T701710MS		717637		Housings A10/D15
A10 D15		10 147	704410				Housings A16/D25 Housings A32/D50

Specifications for housings

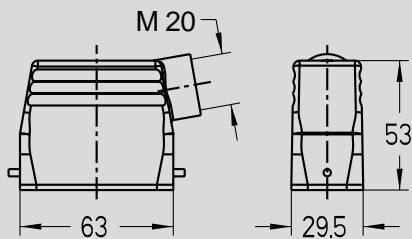
Metal housings

Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	Zinc-plated steel
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



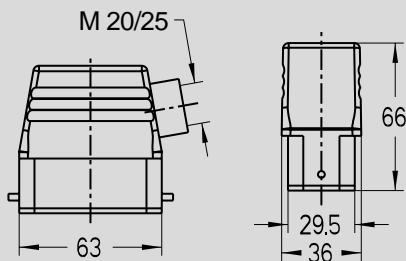
T701410MS

Coupler hoods,
aluminum die cast,
height 52 mm
with single locking lever
top cable entry



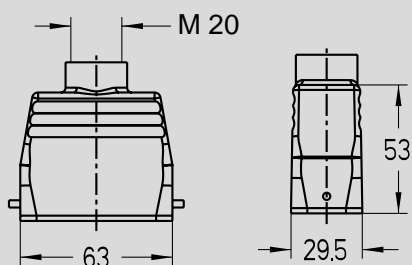
T704310

Hoods,
aluminum die cast,
height 53 mm
for single locking lever
side cable entry



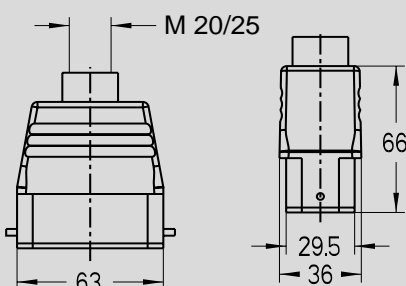
T701610MS

Hoods,
aluminum die cast,
height 66 mm
for single locking lever
side cable entry



T704410

Hoods,
aluminum die cast,
height 53 mm
for single locking lever
top cable entry

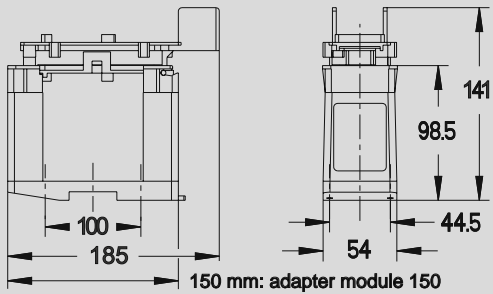


T708810

Hoods,
aluminum die cast,
height 66 mm
for single locking lever
top cable entry

Housings for series A10, D15

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
A10 D15	1 x M 20	10 108	T703810	710938	719629		7
							8
A10 D15	1 x M 20	10 78	T702610	710938	719629		9
							10
A10 D15	1 x M 20	10 139	T708610	710938	719629		11
	1 x M 25	144					T708710
A10 D15	1 x M 20	10 104	T702810	710938	719629		Housings A3/A4/A5/D7/D8
A10 D15	1 x M 20	10 149	T708810	710938	719629		Housings A10/D15
	1 x M 25	137					T708910

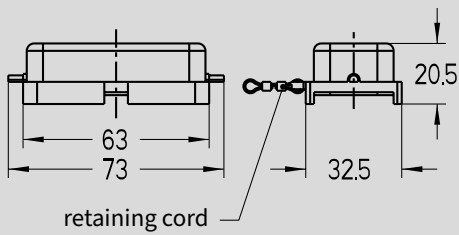


760115

**Snap-on mounting adapters,
swing-type**

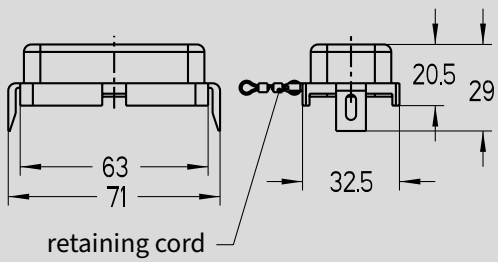
Plug-in module depth 150 mm

mountable on DIN-rails,
top can be screwed with bottom



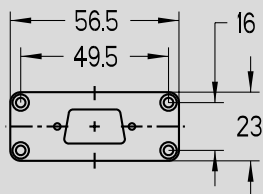
710633

**Protective cover,
plastic,
for hoods with single locking lever,
with retaining cord**



700637

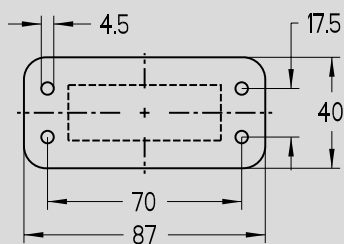
**Protective cover,
plastic,
for hoods without single locking lever,
with retaining cord**



700681

**Adapter plates for contact inserts
for installation in A 10 housings**


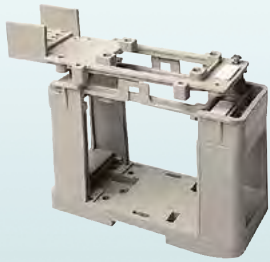




Sub miniature single



700684

**Cover plates for switch cabinets
for panel housings A10**

Housings for series A10, D15

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
		5					7
for 1 insert		219	760115				8
							9
							10
		10					11
plastic, gray		16	700633				Housings A3 IDC
							Housings A3/A4/A5/D7/D8
		10					Housings A10/D15
plastic, gray		14	700637				Housings A16/D25
							Housings A32/D50
9-pole 15-pole 25-pole		10 6 6 8	700681 700677 700678				
		10					
plastic, gray Plastic, orange		11 10	700684 700686				

⚡ Vor Öffnen des Gehäuses Hauptschalter ausschalten!

⚡ Dieses Gerät ist elektrisch mit einem Netz angeschlossen. Gefahr des Stromschlages! (Bitte nur geschultes Personal bedient!)
Danger electric shock (personnel only)

Hauptschalter



Kühlung



Motor 1



Motor 2

Motoren



Zähler

Gesamtzähler



Auftragszähler



Tageszähler



Stückzähler



Niveau



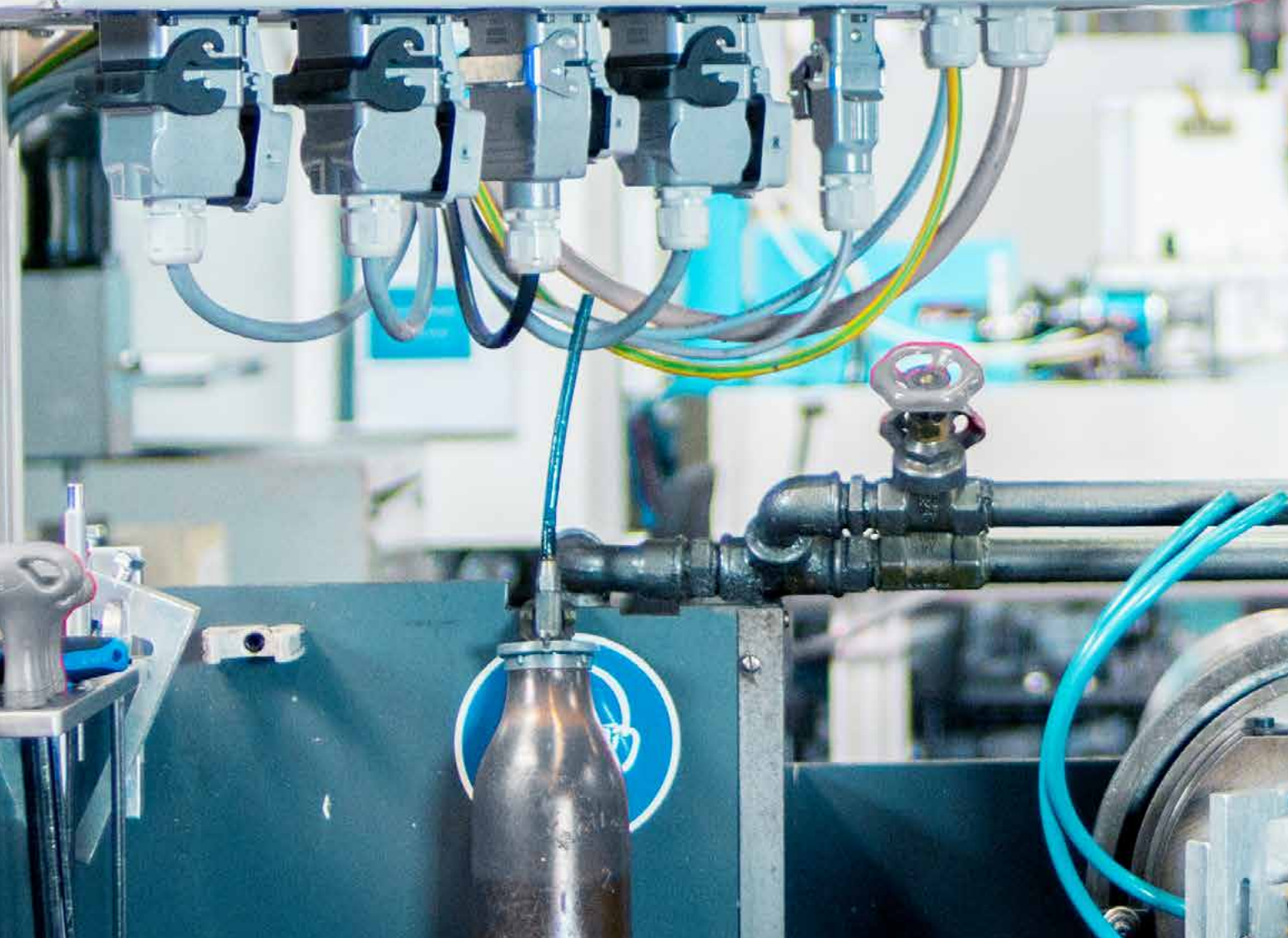
Störung



Motor
traifahren








⚠ **WARNUNG**
Reparaturen und Wartungsarbeiten nur bei ausgeschalteten Hauptschalter



A brief overview of the installation options for housings of series A16 and D25

The housings shown on the following pages can be equipped with the inserts listed below:

	Screw terminal inserts		Crimp contact carriers	
A16	Female insert Part no.: 700116	Male insert Part no.: 700216	Female insert Part no.: 700316	Male insert Part no.: 700416
				
D25			Female insert Part no.: 720325	Male insert Part no.: 720425
				

Contacts for crimp contact carriers of series:

A16 see page 43

D25 see page 73

1

2

3

4

5

6

7

8

9

10

11

Housings A3 IDC

Housings A3/A4/A5/D7/D8

Housings A10/D15

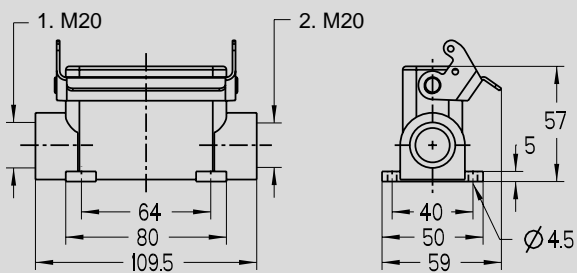
Housings A16/D25

Housings A32/D50

Specifications for housings

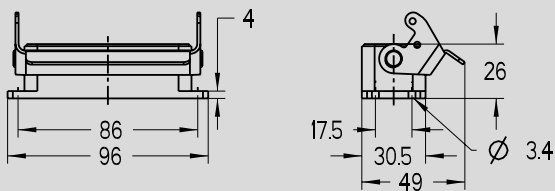
Metal housings

Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	Zinc-plated steel
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



T701416MS

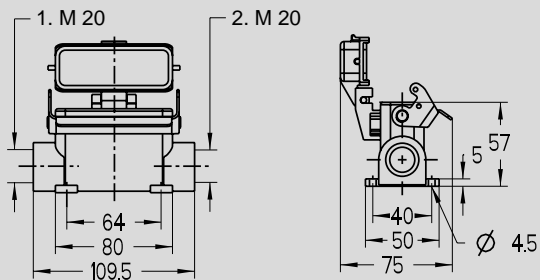
Wall mount housings,
aluminum die cast,
height 57 mm
with single locking lever



704316

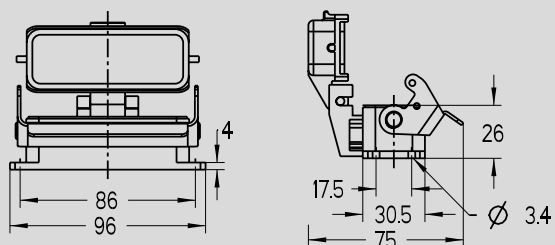
Panel housing,
aluminum die cast,
height 26 mm
with single locking lever

Panel cutout 57.5 x 24 mm



T701616MS

Wall mount housings,
aluminum die cast,
height 57 mm
with single locking lever,
with hinged lid



704416

Panel housing,
aluminum die cast,
height 26 mm
with single locking lever,
with hinged lid

Panel cutout 74 x 24 mm

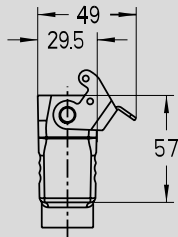
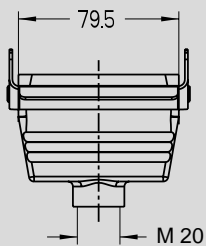
Housings for series A16, D25

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3 4 5 6
A16 D25	1 x M 20	10 247	T701416MS		717637		7
	2 x M 20	248	T701516MS		717637		8 9
A16 D25		10 85	704316				10 11 Housings A3 IDC
A16 D25	1 x M 20	10 276	T701616MS		717637		Housings A3/A4/A5/D7/D8
	2 x M 20	252	T701716MS		717637		Housings A10/D15
A16 D25		10 170	704416				Housings A16/D25 Housings A32/D50

Specifications for housings

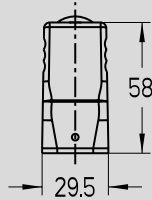
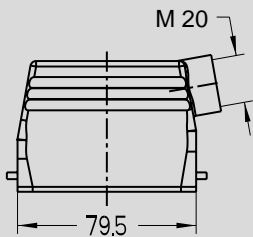
Metal housings

Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	Zinc-plated steel
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



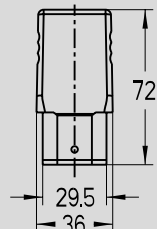
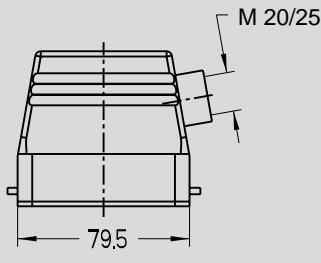
T703816

Coupler hoods,
aluminum die cast,
height 57 mm
with single locking lever
top cable entry



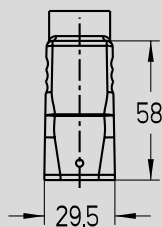
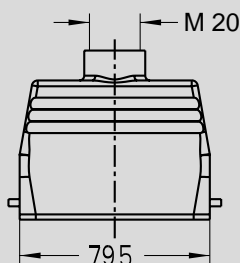
T702616

Hoods,
aluminum die cast,
height 58 mm
for single locking lever
side cable entry



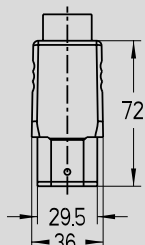
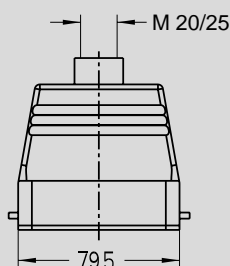
T708616

Hoods,
aluminum die cast,
height 72 mm
for single locking lever
side cable entry



T702816

Hoods,
aluminum die cast,
height 58 mm
for single locking lever
top cable entry

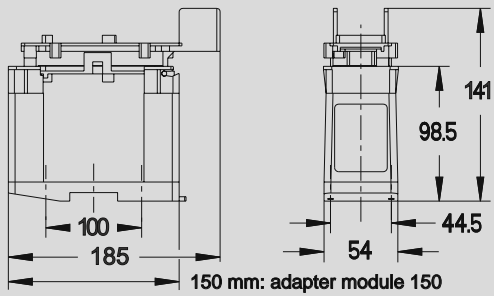


T708816

Hoods,
aluminum die cast
height 72 mm
for single locking lever
top cable entry

Housings for series A16, D25

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
A16 D25	1 x M 20	10 155	T703816	710938	719629		7
							8
A16 D25	1 x M 20	10 118	T702616	710938	719629		9
							10
A16 D25	1 x M 20	10 189	T708616	710938	719629		11
	1 x M 25	194					T708716
A16 D25	1 x M 20	10 110	T702816	710938	719629		Housings A3/A4/A5/D7/D8
A16 D25	1 x M 20	10 189	T708816	710938	719629		Housings A16/D25
	1 x M 25	189					T708916

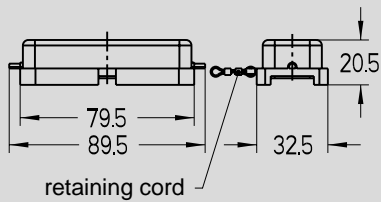


760125

Snap-on mounting adapter, swing-type

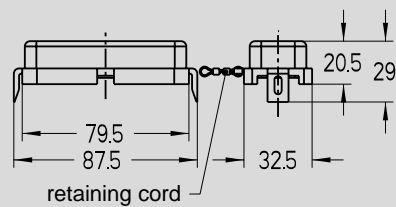
Plug-in module depth 150 mm

mountable on DIN-rails, top can be screwed with bottom



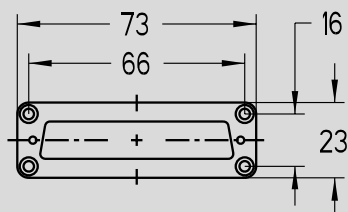
700635

Protective cover, plastic,
for hoods with single locking lever, with retaining cord



700639

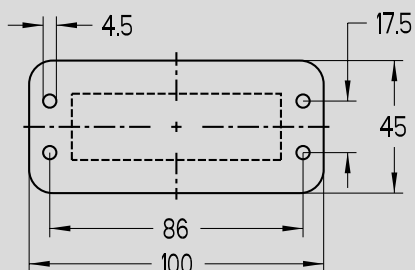
Protective cover, plastic,
for hoods without single locking lever, with retaining cord



700682

Adapter plates for contact inserts,
for installation in A 16 housings

Sub miniature single



700685

Protective cover
for panel housings A16



Housings for series A16, D25

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
							7
for 1 insert		5 221	760125				8
							9
							10
plastic, gray		10 15	700635				11
							Housings A3 IDC
							Housings A3/A4/A5/D7/D8
plastic, gray		10 14	700639				Housings A10/D15
							Housings A16/D25
37-pole 50-pole		10 4 4	700682 700683				Housings A32/D50
plastic, gray		10 14	700685				



A brief overview of the installation options for housings of series A32 and D50

The housings shown on the following pages can be equipped with the inserts listed below:

		Screw terminal inserts		Crimp contact carriers		
A32	Female insert with wire protection 1-16 Part no.: 700116	Male insert with wire protection 1-16 Part no.: 700216	for sleeve contacts 1-16 Part no.: 700316	for pin contacts 1-16 Part no.: 700416		
	Female insert with wire protection 17-32 Part no.: 700132	Male insert with wire protection 17-32 Part no.: 700232	for sleeve contacts 17-32 Part no.: 700332	for pin contacts 17-32 Part no.: 700432		
						
D50			Female insert Part no.: 2 x 720325	Male insert Part no.: 2 x 720425		
						

Contacts for crimp contact carriers of series:

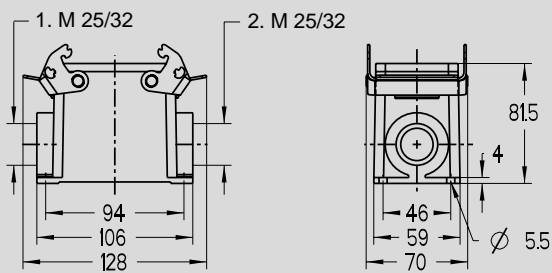
A32 see page 45

D50 see page 77

Specifications for housings

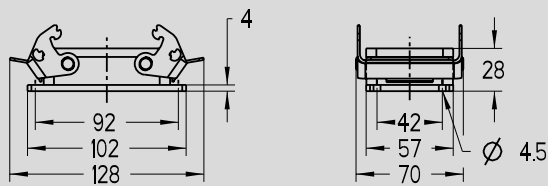
Metal housings

Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	Zinc-plated steel
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



T701032MS

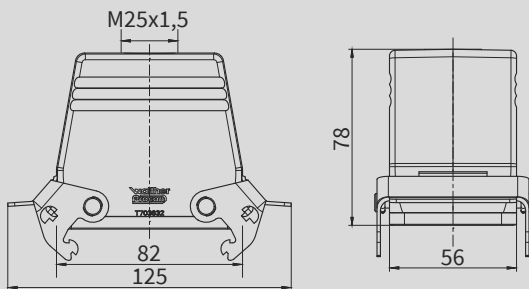
Wall mount housings,
aluminum die cast,
height 81.5 mm
with double locking levers



704132

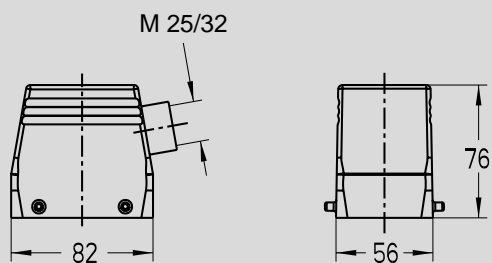
Panel housing,
aluminum die cast,
height 28 mm
with double locking levers

Panel cutout 76 x 48 mm



T703632

Coupler hoods,
aluminum die cast,
height 78 mm
with double locking lever,
top cable entry



T708032

Hoods,
aluminum die cast,
height 76 mm
with double locking lever,
side cable entry

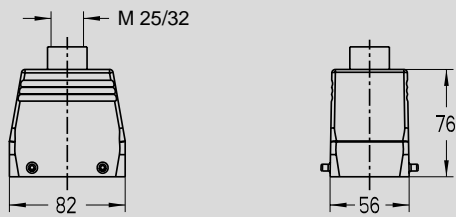
Housings for series A32, D50

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
A32 D50	1 x M 25	10 500	T701032MS		717638		7
	2 x M 25	479	T701132MS		717638		8
	1 x M 32	490	T701832MS		717639		9
	2 x M 32	465	T707132MS		717639		10
A32 D50		10 156	704132				11 Housings A3 IDC
A32 D50	1 x M 25	10 280	T703632	719939	719630		Housings A3/A4/A5/D7/D8
	2 x M 25	276	T70363200	719939	719630		Housings A10/D15
	2 x M 32	275	T703732	719940	719631		
	2 x M 32	270	T70373200	719940	719631		
A32 D50	1 x M 25	10 244	T708032	719939	719630		Housings A16/D25
	2 x M 25	240	T70803200	719939	719630		
	2 x M 32	242	T708132	719940	719631		
	2 x M 32	237	T70813200	719940	719631		
							Housings A32/D50

Specifications for housings

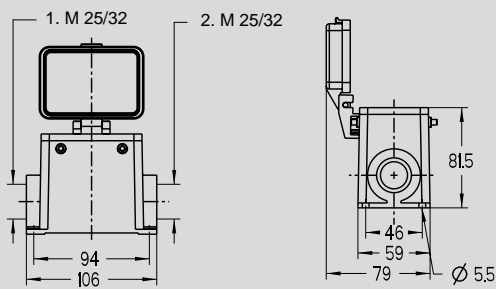
Metal housings

Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	Zinc-plated steel
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



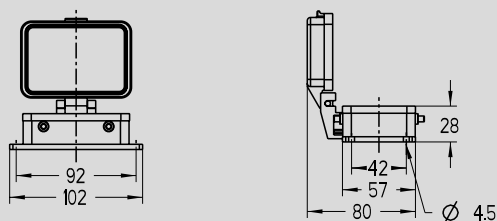
T708232

**Hoods,
aluminum die cast,
height 76 mm**
for double locking lever
top cable entry



T701232MS

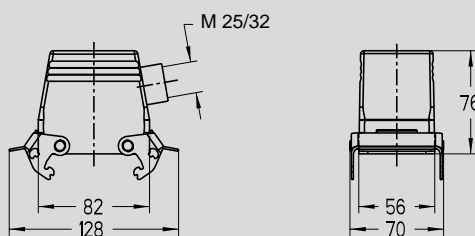
**Wall mount housings,
aluminum die cast,
height 81.5 mm**
for double locking levers,
with hinged lid



704232

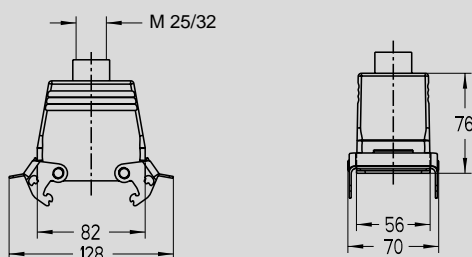
**Panel housing,
aluminum die cast,
height 28 mm**
for double locking levers,
with hinged lid

Panel cutout 76 x 48 mm



T703032

**Hoods,
aluminum die cast,
height 76 mm**
with double locking lever,
side cable entry

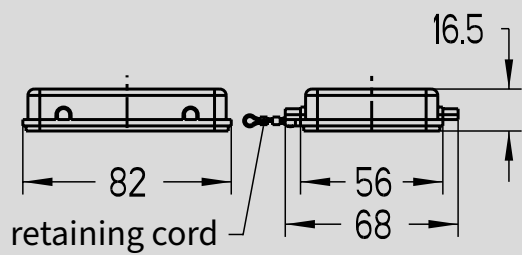


T703232

**Hoods,
aluminum die cast,
height 76 mm**
with double locking levers
top cable entry

Housings for series A32, D50

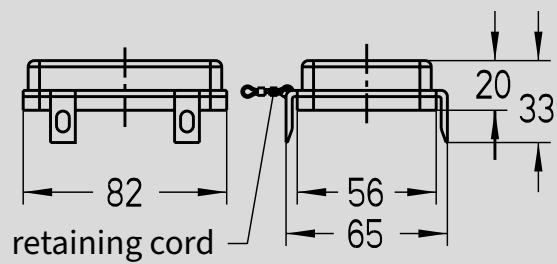
Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
A32 D50	1 x M 25	10 261	T708232	710939	719630		4
	2 x M 25	247	T70823200	710939	719630		5
	1 x M 32	255	T708332	710940	719631		6
	2 x M 32	244	T70833200	710940	719631		7
A32 D50	1 x M 25	10 444	T701232MS		717638		8
	2 x M 25	463	T701332MS		717638		9
	1 x M 32	439	T707232MS		717639		10
	2 x M 32	431	T707232MS		717639		11
A32 D50		10 125	704232				Housings A3 IDC
A32 D50	1 x M 25	10 316	T703032	710939	719630		Housings A3/A4/A5/D7/D8
	2 x M 25	312	T70303200	710939	719630		Housings A10/D15
	1 x M 32	328	T703132	710940	719631		Housings A16/D25
A32 D50	1 x M 25	10 315	T703232	710939	719630		Housings A32/D50
	2 x M 25	311	T70323200	710939	719630		
	1 x M 32	320	T703332	710940	719631		
	2 x M 32	315	T70333200	710940	719631		



700627

**Protective cover,
plastic,
without gasket**

for housings with
double locking levers,
with retaining cord



700629



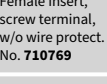
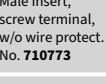






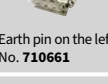
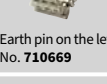






**Protective cover,
plastic,
with gasket**

for hoods without
double locking levers,
with retaining cord

Housings for series A32, D50

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
		10					7
plastic, gray		17	700627				8
							9
							10
		10					11
plastic, gray		23	700629				Housings A3 IDC
							Housings A3/A4/A5/D7/D8
							Housings A10/D15
							Housings A16/D25
							Housings A32/D50

A brief overview of the insert installation options of series B 6, BB 10, DD 24 and MOB 6

	Screw terminal inserts	Crimp contact carriers	IDC inserts	Push-in inserts	Wiring adapters for panel housings
B 6	<p>Female insert, screw terminal, with wire protection No. 710106</p>  <p>Male insert, screw terminal, with wire protection No. 710206</p>  <p>Female insert, screw terminal, w/o wire protect. No. 710769</p>  <p>Male insert, screw terminal, w/o wire protect. No. 710773</p> 		<p>Female insert, IDC terminal No. 71010601</p>  <p>Male insert, IDC terminal No. 71020601</p> 	<p>Female insert, push-in contacts No. 71010604</p>  <p>Male insert, push-in contacts No. 71020604</p> 	<p>Wiring adapter, female insert, earth pin on the right, No. 710657</p>  <p>Wiring adapter, male insert, earth pin on the right, No. 710665</p>  <p>Earth pin on the left: No. 710661</p>  <p>Earth pin on the left: No. 710669</p> 
BB 10		<p>Crimp contact carrier for sleeve contacts No. 710311</p>  <p>Crimp contact carrier for pin contacts No. 710411</p> 			
DD 24		<p>Crimp contact carrier for sleeve contacts No. 750124</p>  <p>Crimp contact carrier for pin contacts No. 750224</p> 			
MOB 6	<p>Female frame MO B6 for 2 contact carriers for female and male contacts (frame coding A-B)</p>	<p>No. 770006</p> 	<p>Male frame MO B6 for 2 contact carriers for female and male contacts (frame coding A-B)</p>	<p>No. 770106</p> 	

Contacts for crimp contact carriers of series BB10 see page 48 and DD24 see page 85

Inserts of series MO (modular system)

Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Insert	Contacts			
MO	MO 3P coax	3	without	250	-		Sleeve 771203		772400	772410
	MO 3P coax	3	without	250	-		Pin 771303		772500	772510
	MO 2P	1 + PE	1	1000	80		Sleeve 771401			
	MO 2P	1 + PE	1	1000	80		Pin 771501			
	MO 2P	2	1-2	1000	80		Sleeve 771402			
	MO 2P	2	1-2	1000	80		Pin 771502			

Housings for series B6, BB10, DD24, and MOB6

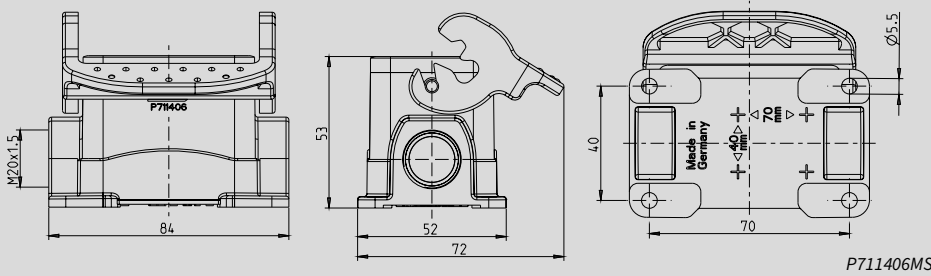
Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Contacts										
MO	MO 3P	3	1 - 3	630	40		Sleeve		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		1	
						771003		772030	772040	772050	772060	772070		2		
	MO 3P	3	1 - 3	630	40		Pin		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		3	
						771103		772130	772140	772150	772160	772170		4		
	MO 3.1P	3	1 - 3	1000	50		Sleeve		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		5	
						771403		772030	772040	772050	772060	772070		6		
	MO 3.1P	3	1 - 3	1000	50		Pin		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		7	
						771503		772130	772140	772150	772160	772170		8		
	MO 4P	4	1 - 4	630	25		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²		9
						771605		710508	710504	710509	710500	710501	710502		10	
	MO 4P	4	1 - 4	630	25		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²		11
						771705		710518	710514	710519	710510	710511	710512			
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Sleeve		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
						771610		773200	773230	773260						
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Pin		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
						771710		773300	773330	773360						
	MO 5.1P	5	1 - 5	1000	16		Sleeve		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
						771620		773200	773230	773260						
	MO 5.1P	5	1 - 5	1000	16		Pin		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
						771720		773300	773330	773360						
	MO 5P	5	1 - 5	400	20		Sleeve		0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²			
						771005		772210	772220	772230	772240	772250				
	MO 5P	5	1 - 5	400	20		Pin		0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²			
						771105		772310	772320	772330	772340	772350				
MO 10P	10	1 - 10	250	10		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
					771010		720506	720507	720508	720509	720502	720520				
MO 10P	10	1 - 10	250	10		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
					771110		720516	720517	720518	720519	720512	720530				
MO 20P	20	1 - 20	63	5		Sleeve		0.09 - 0.25 mm ²	0.25 - 0.5 mm ²							
					771020		773000	773001								
MO 20P	20	1 - 20	63	5		Pin		0.09 - 0.25 mm ²	0.25 - 0.5 mm ²							
					771120		773100	773101								
MO RJ45	4 + 8		400	13		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
					775000		720506	720507	720508	720509	720502	720520				
MO RJ45	4 + 8		400	13		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
					775100		720516	720517	720518	720519	720512	720530				
MO RJ45	8					RJ45	720545									
MO Universal bus	4 + *		30	1		Sleeve	775010									
					775110		775110									
MO DP Profi bus	2/4 + *		30	1		Sleeve	775020									
					775120		775120									
MO 1P Pneu	1 + 2		8 bar			Sleeve		Sleeve		Sleeve		Sleeve				
					771001		771002			771004		771006				
MO 1P Pneu	1 + 2		8 bar			Pin	771102			771104		771106				
					771101											
MO 0						Sleeve	771000									
					771100		771100									

* shielding

Specifications for housings

Housings

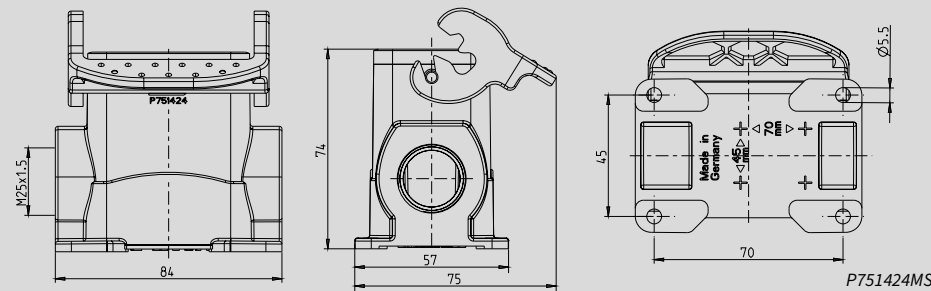
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P711406MS

Wall mount housings, aluminum, height 53 mm
with single locking lever,

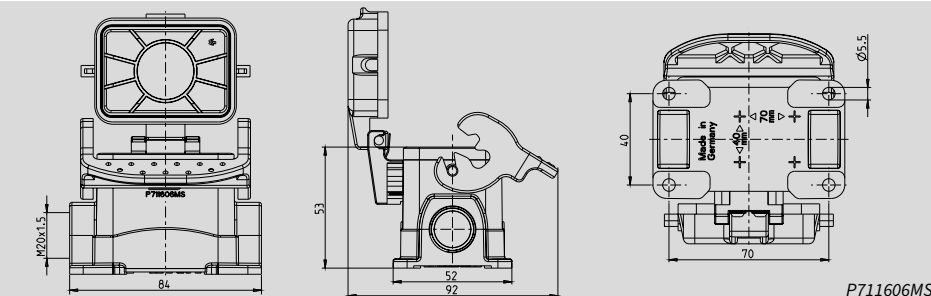
Please order the necessary quantity of glands separately.



P751424MS

Wall mount housings, aluminum, height 74 mm
with single locking lever,

Please order the necessary quantity of glands separately.

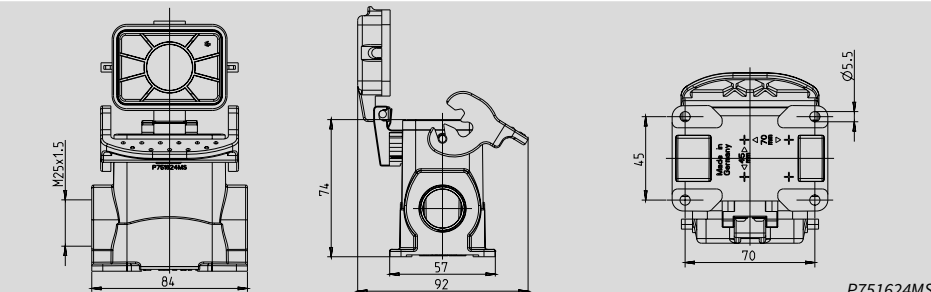


P711606MS

Wall mount housings, aluminum, height 53 mm
with single locking lever,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid

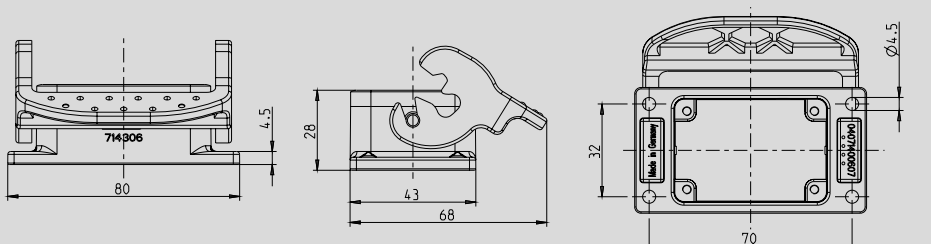


P751624MS

Wall mount housings, aluminum, height 74 mm
with single locking lever,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid



P714306

Panel housing, aluminum, height 28 mm
with single locking lever,

Panel cutout
52 x 35 mm

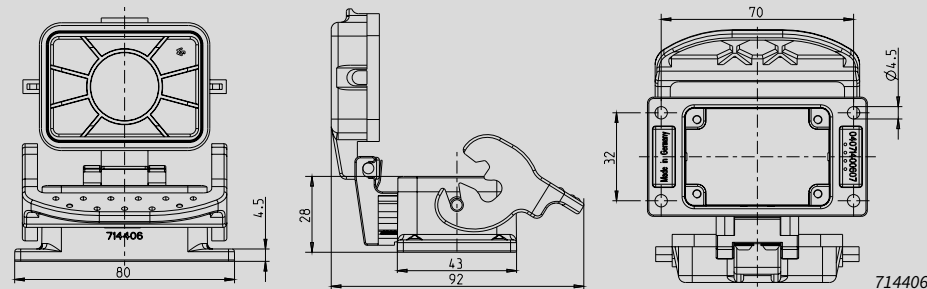
Housings for series B6, BB10, DD24, and MOB6

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B6 BB10 DD24 MOB6	1 x M 20	10 195	P711406MS		717637		7
	2 x M 20	193	P711506MS		717637		8
							9
							10
B6 BB10 DD24 MOB6	1 x M 25	10 296	P751424MS		717638		11
	2 x M 25	292	P751524MS		717638		Housings B6/ BB10/DD24/MO6
	1 x M 32	283	P757424MS		717639		
	2 x M 32	265	P757524MS		717639		Housings B10/ BB18/DD42/MO10
B6 BB10 DD24 MOB6	1 x M 20	10 227	P711606MS		717637		
	1 x M 20	260	P711606MSAL		717637		Housings B16/ BB32/BA6/D40/ DD72/MO16
B6 BB10 DD24 MOB6	2 x M 20	224	P711706MS		717637		
	2 x M 20	258	P711706MSAL		717637		Housings B24/ BB46/D64/ DD108/MO24
	1 x M 25	326	P751624MS		717638		
	1 x M 25	359	P751624MSAL		717638		
	2 x M 25	325	P751724MS		717638		
	2 x M 25	358	P751724MSAL		717638		
	1 x M 32	335	P757624MS		717639	Housings B32/ BA12/BB64/D80/ DD144/2xMO16	
	1 x M 32	368	P757624MSAL		717639		
	2 x M 32	333	P757724MS		717639		
	2 x M 32	360	P757724MSAL		717639		
B6 BB10 DD24 MOB6		10					
		79	714306				Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

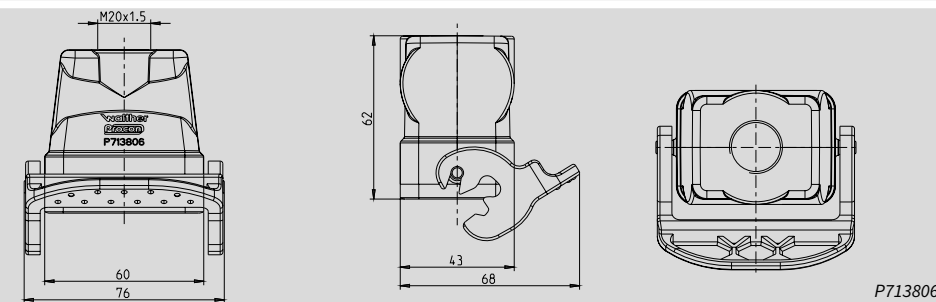
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



Panel housings, aluminum, height 28 mm
with single locking lever,
with plastic hinged lid

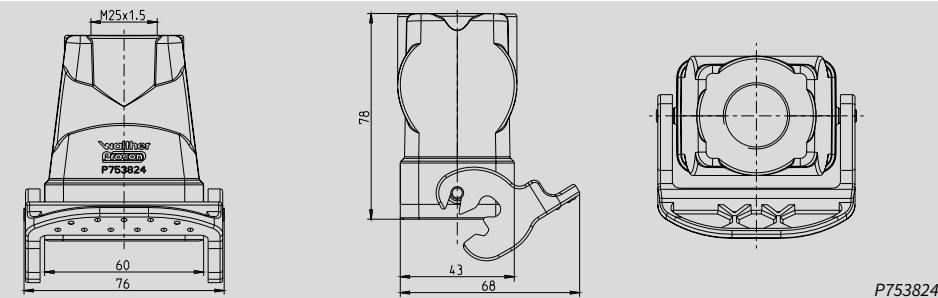
Panel cutout
52 x 35 mm

AL = aluminum hinged lid



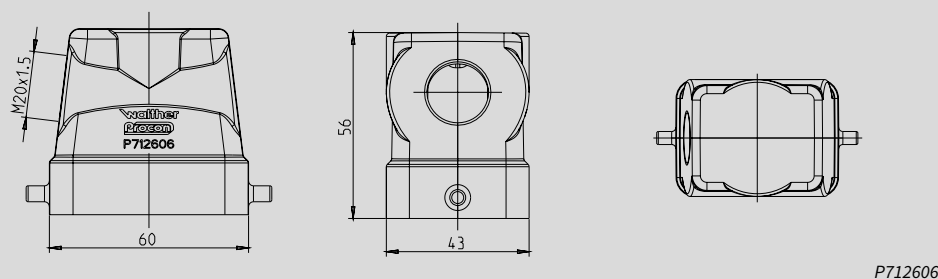
Coupler hoods, aluminum, height 62 mm
with single locking lever,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



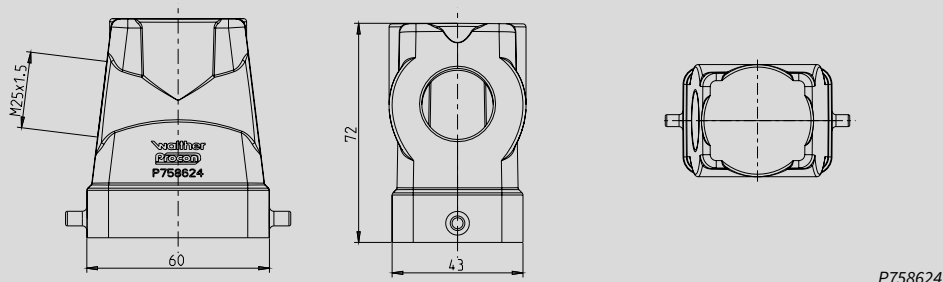
Coupler hoods, aluminum, height 78 mm
with single locking lever,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



Hoods, aluminum, height 56 mm
with single locking lever,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



Hoods, aluminum, height 72 mm
with single locking lever,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

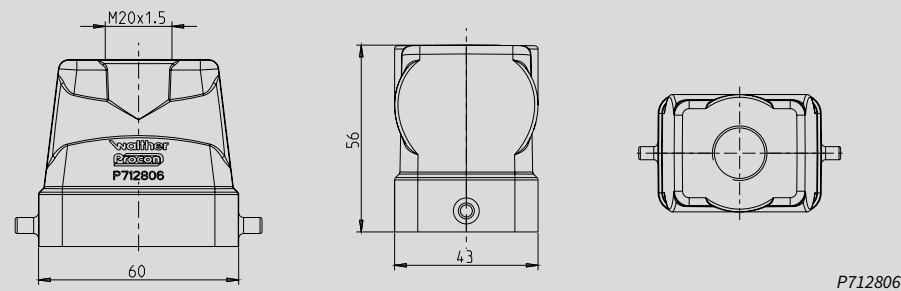
Housings for series B6, BB10, DD24, and MOB6

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B6 BB10 DD24 MOB6		10					7
		108	714406				8
		140	714406AL				9
							10
B6 BB10 DD24 MOB6	1 x M 20	10	P713806	710938	719629		11
	2 x M 20	138	P71380600	710938	719629		Housings B6/ BB10/DD24/MOB6
							Housings B10/ BB18/DD42/MO10
B6 BB10 DD24 MOB6	1 x M 25	10	P753824	710939	719630		Housings B16/ BB32/BA6/D40/ DD72/MO16
	1 x M 32	162	P753924	710940	719631		Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO24
B6 BB10 DD24 MOB6	1 x M 20	10	P712606	710938	719629		Housings B48/ BB92/D128 DD216/2xMO24
B6 BB10 DD24 MOB6	1 x M 25	10	P758624	710939	719630		
	1 x M 32	134	P758724	710940	719631		

Specifications for housings

Housings

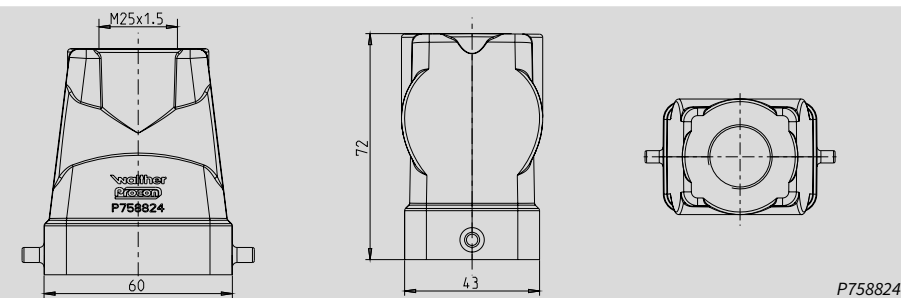
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



Hoods, aluminum, height 56 mm
with single locking lever,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

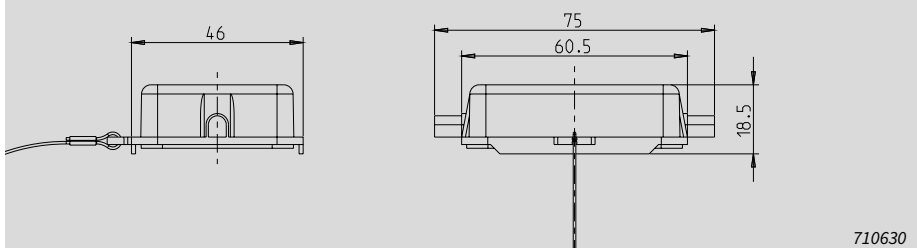
P712806



Hoods, aluminum, height 72 mm
with single locking lever,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

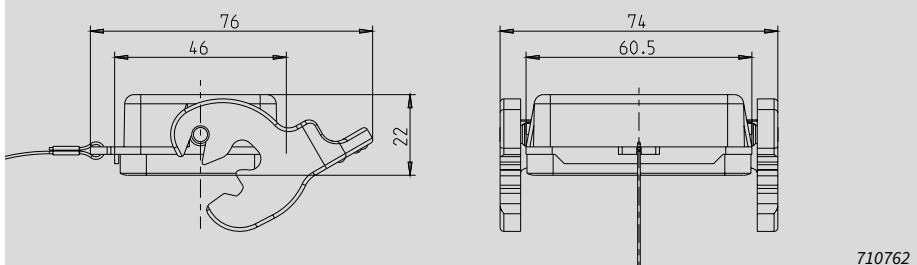
P758824



Protective covers
with retaining cord

for housings with
single locking lever

710630



Protective covers
with single locking lever,
gasket and retaining cord

for hoods with
single locking system

710762

Housings for series B6, BB10, DD24, and MOB6

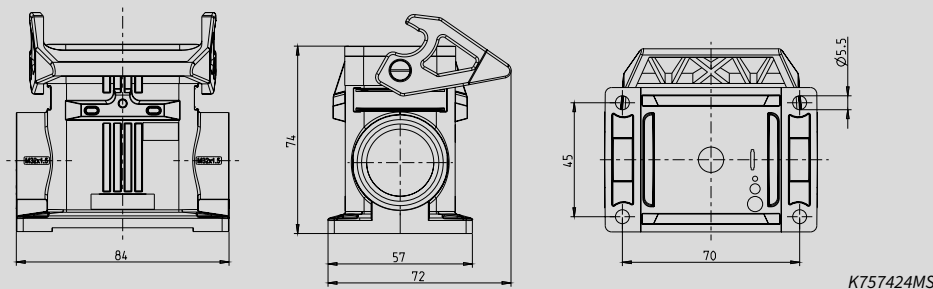
Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	
			Part no.:	Part no.:	Part no.:		
							
B6 BB10 DD24 MOB6	1 x M 20	10 112	P712806	710938	719629		
	2 x M 20	105	P71280600	710938	719629		
B6 BB10 DD24 MOB6	1 x M 25	10 137	P758824	710939	719630		
	1 x M 32	135	P758924	710940	719631		
Plastic, gray Aluminum		10 13 46	710630 710630AL				
Plastic, gray Aluminum		10 54 96	710762 710762AL				

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Housings B6/
BB10/DD24/MO6
Housings B10/
BB18/DD42/MO10
Housings B16/
BB32/BA6/D40/
DD72/MO16
Housings B24/
BB46/D64/
DD108/MO24
Housings B32/
BA12/BB64/D80/
DD144/2xMO16
Housings B48/
BB92/D128
DD216/2xMO24

Specifications for housings

Housings

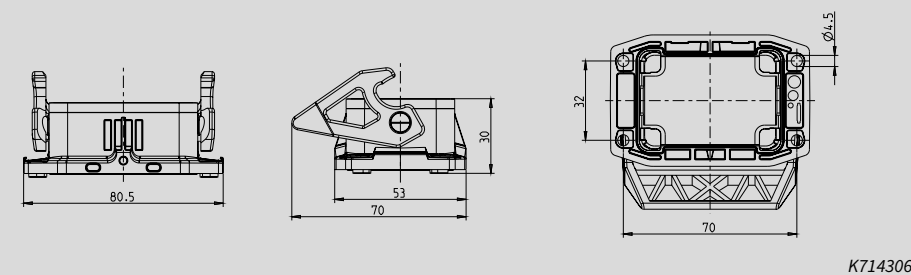
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



K757424MS

Wall mount housings, plastic, height 74 mm
with single locking lever,

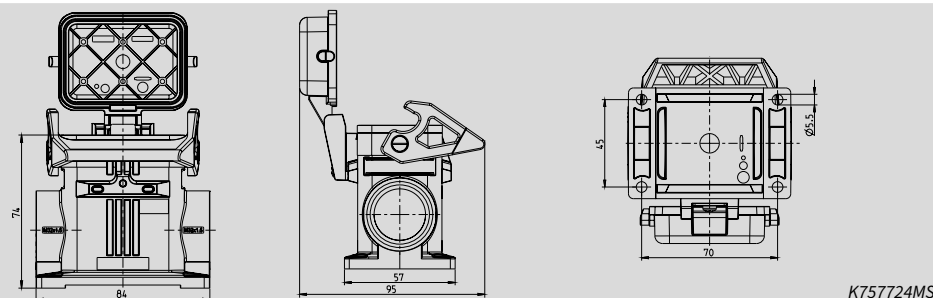
Please order the necessary quantity of glands separately.



K714306

Panel housing, plastic, height 30 mm
with single locking lever,

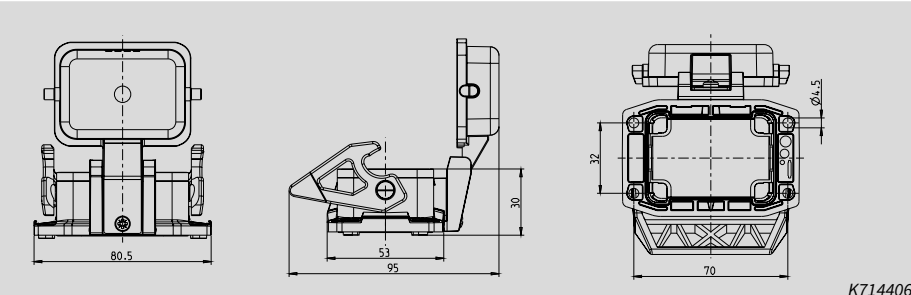
Panel cutout
52 x 35 mm



K757724MS

Wall mount housings, plastic, height 74 mm
with single locking lever,
with hinged lid

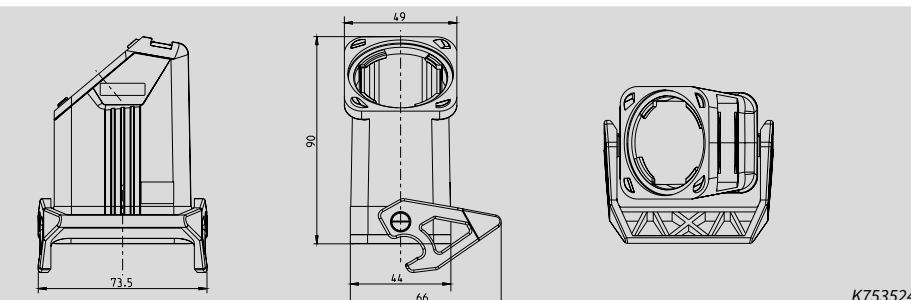
Please order the necessary quantity of glands separately.



K714406

Panel housing, plastic, height 30 mm
with single locking lever,
with hinged lid

Panel cutout
52 x 35 mm



K753524

Coupler hoods, plastic, height 90 mm
with single locking lever,
side cable entry

Please order the necessary quantity of glands separately.

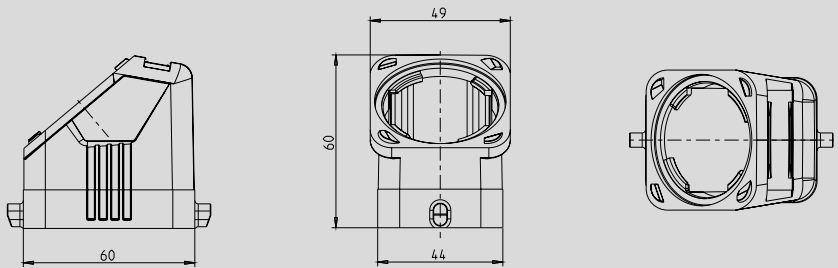
Housings for series B6, BB10, DD24, and MOB6

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3 4 5 6
B6 BB10 DD24 MOB6	2 x M 32	10 128	K757424MS	717650KUSW			7 8 9 10
B6 BB10 DD24 MOB6		10 66	K714306				11 Housings B6/ BB10/DD24/MO6
B6 BB10 DD24 MOB6	2 x M 32	10 151	K757724MS	717650KUSW			Housings B10/ BB18/DD42/MO10 Housings B16/ BB32/BA6/D40/ DD72/MO16
B6 BB10 DD24 MOB6		10 93	K714406				Housings B24/ BB46/D64/ DD108/MO24 Housings B32/ BA12/BB64/D80/ DD144/2xMO16
B6 BB10 DD24 MOB6	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 95 95 95 95	K753524 K753524 K753524 K753524		727648KUSW 727649KUSW 727650KUSW 727651KUSW		Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

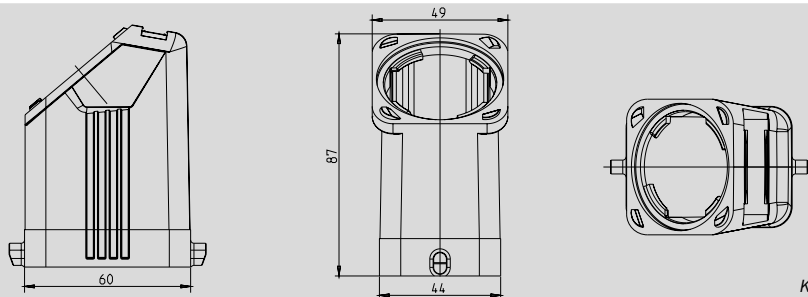
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



K712506

**Hoods, plastic,
height 60 mm**
with single locking lever,
side cable entry

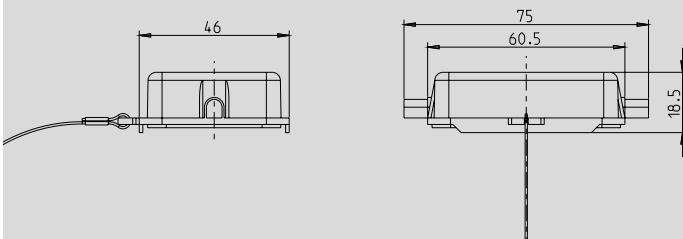
*Please order the necessary quantity
of glands separately.*



K758524

**Hoods, plastic,
height 87 mm**
with single locking lever,
side cable entry

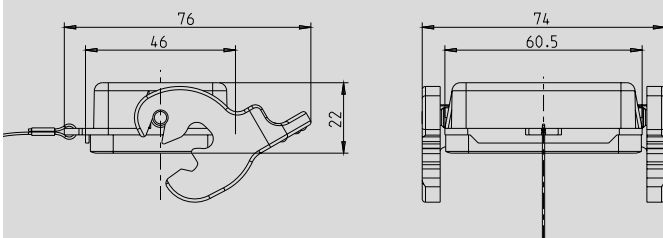
*Please order the necessary quantity
of glands separately.*



710630

**Protective covers
with retaining cord**

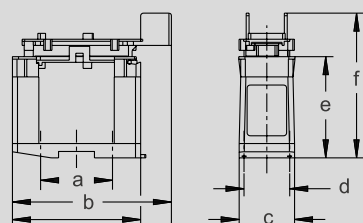
for housings with single locking lever



710762

**Protective covers
with single locking lever,
gasket and retaining cord**

for hoods with single locking system



125 mm: adapter module 125
150 mm: adapter module 150

	a	b	c	d	e	f
760006	70	155	54	44.5	98.5	141
760106	100	185	54	44.5	98.5	141
760112	100	185	54	44.5	98.5	141

**Snap-on mounting adapters,
pivoted**

adapter module depth 125
adapter module depth 150
adapter module depth 150

mountable on DIN-rails,
top can be screwed with bottom

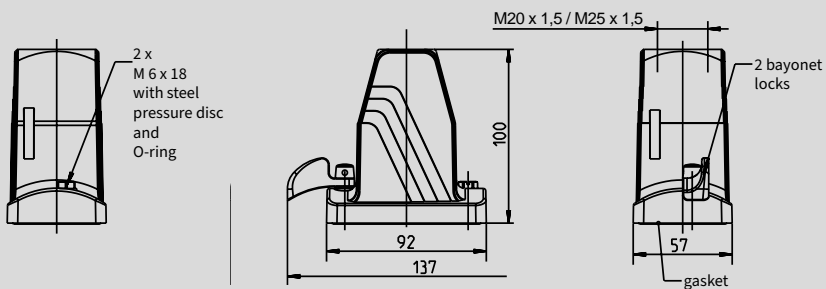
Housings for series B6, BB10, DD24, and MOB6

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Single locking system	
			Part no.:	Part no.:	Part no.:		1
							2
							3
							4
							5
							6
B6 BB10 DD24 MOB6	1 x M 20	10 56	K712506		727648KUSW		7
	1 x M 25	56	K712506		727649KUSW		8
	1 x M 32	56	K712506		727650KUSW		9
	1 x M 40	56	K712506		727651KUSW		10
B6 BB10 DD24 MOB6	1 x M 20	10 76	K758524		727648KUSW		11
	1 x M 25	76	K758524		727649KUSW		Housings B6/ BB10/DD24/MO6
	1 x M 32	76	K758524		727650KUSW		Housings B10/ BB18/DD42/MO10
	1 x M 40	76	K758524		727651KUSW		Housings B16/ BB32/BA6/D40/ DD72/MO16
Plastic, black		10 13	710630SW				Housings B24/ BB46/D64/ DD108/MO24
Plastic, black		10 54	710762SW				Housings B32/ BA12/BB64/D80/ DD144/2xMO16
for 1 insert for 1 insert for 2 inserts		5 191 211 211	760006 760106 760112				Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

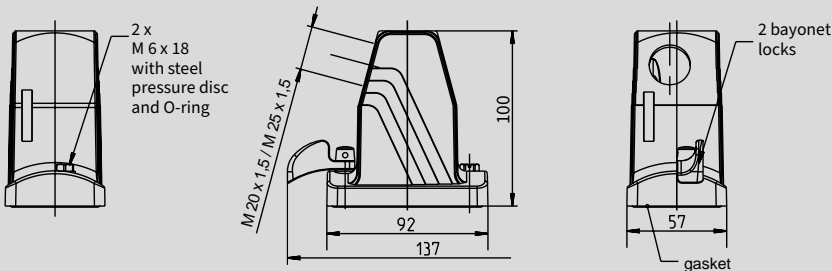
Housings

Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



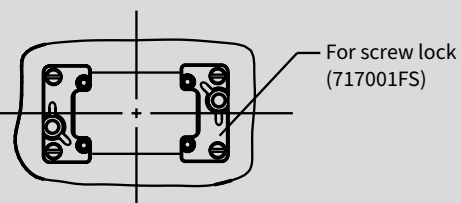
Hoods, aluminum, height 100 mm top cable entry

Please order the necessary quantity of collars + cable glands separately.



Hoods, aluminum, height 100 mm side cable entry

Please order the necessary quantity of collars + cable glands separately.



Flange installation:

1 pc. flange set has to be ordered separately:

717001FS for screw-mountable hoods

Accessories for screw-mountable hoods:

Flange set, zinc, with 2 flanges, 4 screws, 4 serrated lock washers. Female / male inserts are mounted directly onto the mounting flange - saves the panel housing!

Protective covers for mounting side

with screw lock, with retaining cord, IP65

Protective covers for mounting side

for snapping on with retaining cord, IP50

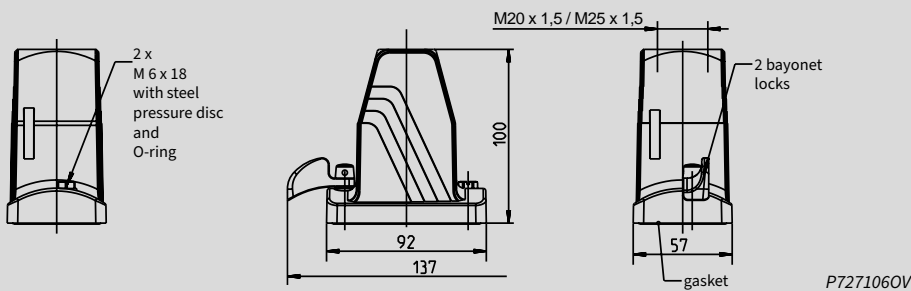
Screw-mountable hoods for series B6, BB10, BHT6, DD24 and MOB6

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Hood: screw-mountable	
			Part no.:	Part no.:	Part no.:		
							
B6 BB10 BHT6 DD24 MOB6	1 x M 20	10 279	717106OV	710938	719629		
	1 x M 25	278	717206OV	710939	719630		
B6 BB10 BHT6 DD24 MOB6	1 x M 20	10 279	717506OV	710938	719629		
	1 x M 25	278	717606OV	710939	719630		
B6 BB10 BHT6 DD24 MOB6		1 62	717001FS				Housings B10/ BB18/DD42/MO10
B6 BB10 BHT6 DD24 MOB6		10 41	717702				Housings B24/ BB46/D64/ DD108/MO24
B6 BB10 BHT6 DD24 MOB6		10 26	717698				Housings B32/ BA12/BB64/D80/ DD144/2xMO16

Specifications for housings

Housings

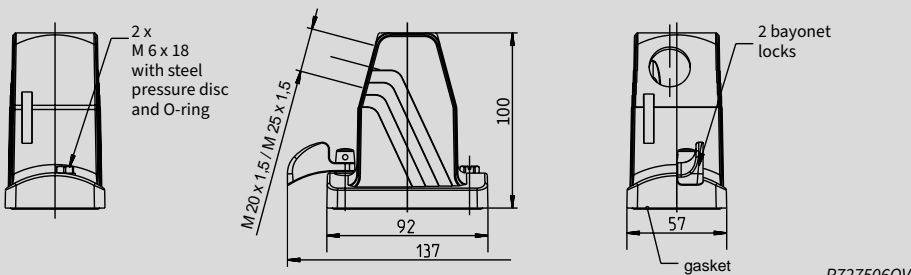
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



**Hoods, aluminum,
height 100 mm,
top cable entry**

*Please order the necessary quantity
of glands separately.*

P727106OV

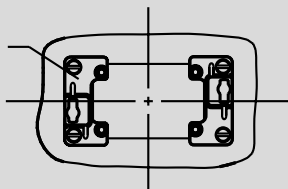


**Hoods, aluminum,
height 100 mm,
side cable entry**

*Please order the necessary quantity
of glands separately.*

P727506OV

For bayonet
lock
(727001FS)



Flange installation:

1 pc. flange set has to be ordered separately:

727001FS (for housings with bayonet lock)

Accessories for hoods with bayonet lock:

Flange set, zinc,
with 2 flanges, 4 screws,
4 serrated lock washers.
Female / male inserts are mounted
directly onto the mounting flange -
saves the panel housing!

Protective covers

for mounting side,
with bayonet lock,
with retaining cord, IP65

Hood with bayonet lock, for series B6, BB10, BHT6, DD24, MOB6

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Hood: Bayonet lock	
			Part no.:	Part no.:	Part no.:		
							
B6 BB10 BHT6 DD24 MOB6	1 x M 20	10 299	727106OV	710938	719629		
	1 x M 25	293	727206OV	710939	719630		
B6 BB10 BHT6 DD24 MOB6	1 x M 20	10 299	727506OV	710938	719629		
	1 x M 25	293	727606OV	710939	719630		
B6 BB10 BHT6 DD24 MOB6		1 60	727001FS				
B6 BB10 BHT6 DD24 MOB6		10 56	727624				

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Housings B6/
BB10/DD24/MO6
Housings B10/
BB18/DD42/MO10
Housings B16/
BB32/BA6/D40/
DD72/MO16
Housings B24/
BB46/D64/
DD108/MO24
Housings B32/
BA12/BB64/D80/
DD144/2xMO16
Housings B48/
BB92/D128
DD216/2xMO24

A brief overview of the insert installation options of series B10, BB18, DD42 and MOB10

	Screw terminal inserts	Crimp contact carriers	IDC inserts	Push-in inserts	Wiring adapters for panel housings
B10	<p>Female insert, screw terminal, with wire protection No. 710110</p>  <p>Male insert, screw terminal, with wire protection No. 710210</p>  <p>Female insert, screw terminal, w/o wire protect. No. 710770</p>  <p>Male insert, screw terminal, w/o wire protect. No. 710774</p> 		<p>Female insert, IDC terminal No. 71011001</p>  <p>male insert, IDC terminal No. 71021001</p> 	<p>Female insert Push-in contact No. 71011004</p>  <p>Male insert Push-in contact No. 71021004</p> 	<p>Wiring adapter, Female insert Earth pin on the right No. 710 658</p>  <p>Wiring adapter, Male insert Earth pin on the right No. 710666</p>  <p>Earth pin on the left: No. 710662</p>  <p>Earth pin on the left: No. 710 670</p> 
BB18		<p>Crimp contact carrier for sleeve contacts No. 710318</p>  <p>Crimp contact carrier for pin contacts No. 710418</p> 			
DD42		<p>Crimp contact carrier for sleeve contacts No. 750142</p>  <p>Crimp contact carrier for pin contacts No. 750242</p> 			
MOB10	<p>Female frame MO B6 for 2 contact carriers for female and male contacts (frame coding A-B)</p> <p>No. 770010</p> 		<p>Male frame MO B6 for 2 contact carriers for female and male contacts (frame coding A-B)</p> <p>No. 770110</p> 		

Contacts for crimp contact carriers of series BB18 see page 52 and DD42 see page 87

Inserts of series MO (modular system)

Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Insert	Contacts
MO	MO 3P coax	3	without	250	-		Sleeve 771203  772400 772410
	MO 3P coax	3	without	250	-		Pin 771303  772500 772510
	MO 2P	1 + PE	1	1000	80		Sleeve 771401
	MO 2P	1 + PE	1	1000	80		Pin 771501
	MO 2P	2	1-2	1000	80		Sleeve 771402
	MO 2P	2	1-2	1000	80		Pin 771502

Housings for series B10, BB18, DD42, MOB10

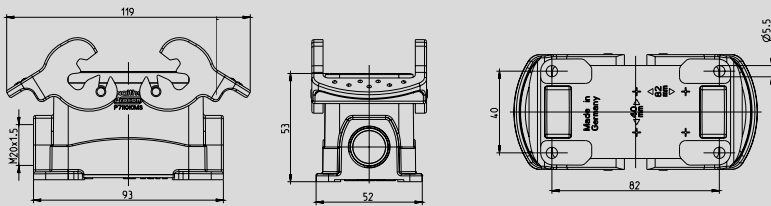
Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Contacts										
MO	MO 3P	3	1 - 3	630	40		Sleeve		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		1	
						771003			772030	772040	772050	772060	772070		2	
	MO 3P	3	1 - 3	630	40		Pin		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		3	
						771103			772130	772140	772150	772160	772170		4	
	MO 3.1P	3	1 - 3	1000	50		Sleeve		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		5	
						771403			772030	772040	772050	772060	772070		6	
	MO 3.1P	3	1 - 3	1000	50		Pin		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		7	
						771503			772130	772140	772150	772160	772170		8	
	MO 4P	4	1 - 4	630	25		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²		9
						771605			710508	710504	710509	710500	710501	710502		10
	MO 4P	4	1 - 4	630	25		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²		11
						771705			710518	710514	710519	710510	710511	710512		
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Sleeve		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
						771610			773200	773230	773260					
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Pin		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
						771710			773300	773330	773360					
	MO 5.1P	5	1 - 5	1000	16		Sleeve		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
						771620			773200	773230	773260					
	MO 5.1P	5	1 - 5	1000	16		Pin		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
						771720			773300	773330	773360					
	MO 5P	5	1 - 5	400	20		Sleeve		0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²			
						771005			772210	772220	772230	772240	772250			
	MO 5P	5	1 - 5	400	20		Pin		0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²			
						771105			772310	772320	772330	772340	772350			
MO 10P	10	1 - 10	250	10		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
					771010			720506	720507	720508	720509	720502	720520			
MO 10P	10	1 - 10	250	10		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
					771110			720516	720517	720518	720519	720512	720530			
MO 20P	20	1 - 20	63	5		Sleeve		0.09 - 0.25 mm ²	0.25 - 0.5 mm ²							
					771020			773000	773001							
MO 20P	20	1 - 20	63	5		Pin		0.09 - 0.25 mm ²	0.25 - 0.5 mm ²							
					771120			773100	773101							
MO RJ45	4 + 8		400	13		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
					775000			720506	720507	720508	720509	720502	720520			
MO RJ45	4 + 8		400	13		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
					775100			720516	720517	720518	720519	720512	720530			
MO RJ45	8					RJ45										
					720545											
MO Universal bus	4 + *		30	1		Sleeve										
					775010											
MO Universal bus	4 + *		30	1		Pin										
					775110											
MO DP Profi bus	2/4 + *		30	1		Sleeve										
					775020											
MO DP Profi bus	2/4 + *		30	1		Pin										
					775120											
MO 1P Pneu	1 + 2		8 bar			Sleeve		Sleeve		Sleeve		Sleeve				
					771001			771002		771004		771006				
MO 1P Pneu	1 + 2		8 bar			Pin		Pin		Pin		Pin				
					771101			771102		771104		771106				
MO 0						Sleeve										
					771000											
MO 0						Pin										
					771100											

* shielding

Specifications for housings

Housings

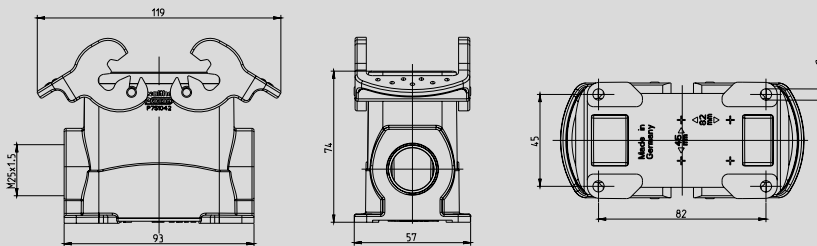
Material: Aluminum die cast
 Surface: Powder coated
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



P711010MS

Wall mount housings, aluminum, height 53 mm
with double locking levers

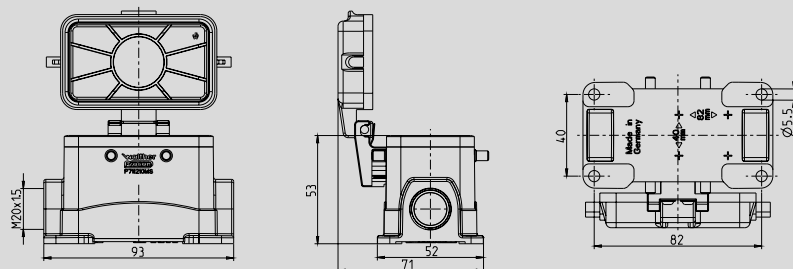
Please order the necessary quantity of glands separately.



P751042MS

Wall mount housings, aluminum, height 74 mm
with double locking levers

Please order the necessary quantity of glands separately.

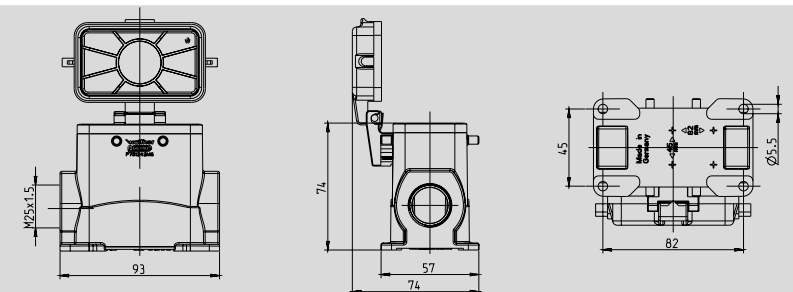


P711210MS

Wall mount housings, aluminum, height 53 mm
for double locking levers,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid

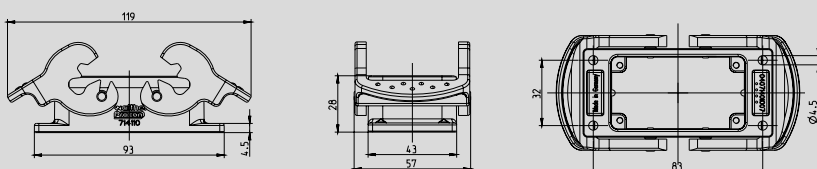


P751242MS

Wall mount housings, aluminum, height 74 mm
for double locking levers,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid



P714110

Panel housing, aluminum, height 28 mm
with double locking levers

Panel cutout
65 x 35 mm

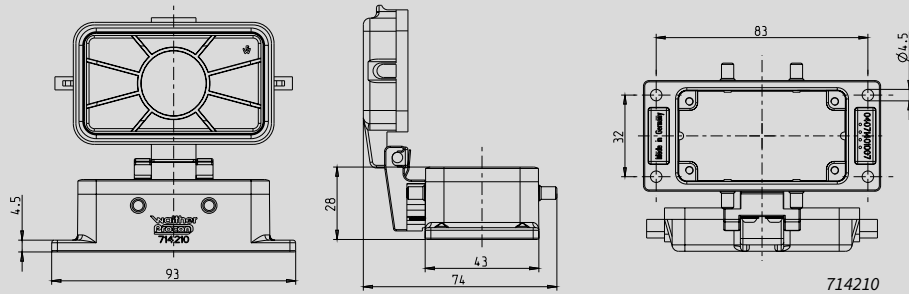
Housings for series B10, BB18, DD42, MOB10

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B10 BB18 DD42 MOB10	1 x M 20	10 221	P711010MS		717637		7
	2 x M 20	219	P711110MS		717637		8
							9
B10 BB18 DD42 MOB10	1 x M 25	10 332	P751042MS		717638		10
	2 x M 25	330	P751142MS		717638		11
	1 x M 32 2 x M 32	303 299	P757042MS P757142MS		717639 717639		Housings B6/ BB10/DD24/MO6
B10 BB18 DD42 MOB10	1 x M 20	10 234	P711210MS		717637		Housings B10/ BB18/DD42/MO10
	1 x M 20	276	P711210MSAL		717637		Housings B16/ BB32/BA6/D40/ DD72/MO16
	2 x M 20 2 x M 20	233 275	P711310MS P711310MSAL		717637 717637		Housings B24/ BB46/D64/ DD108/MO24
B10 BB18 DD42 MOB10	1 x M 25	10 343	P751242MS		717638		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
	1 x M 25	385	P751242MSAL		717638		Housings B48/ BB92/D128 DD216/2xMO24
	2 x M 25	341	P751342MS		717638		
	2 x M 25	427	P751342MSAL		717638		
	1 x M 32	313	P757242MS		717639		
	1 x M 32	469	P757242MSAL		717639		
2 x M 32	309	P757342MS		717639			
2 x M 32	351	P757342MSAL		717639			
B10 BB18 DD42 MOB10		10 103	714110				

Specifications for housings

Housings

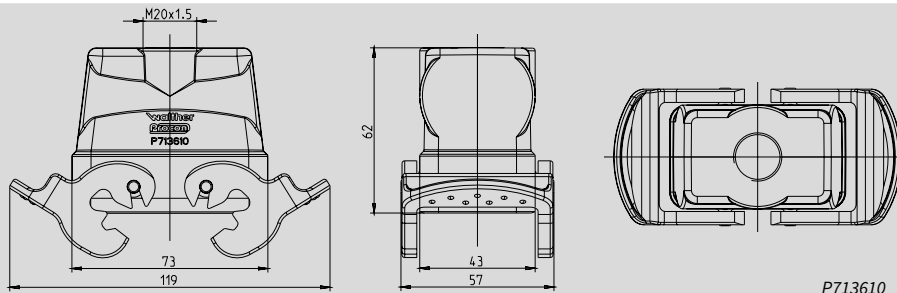
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



Panel housing, aluminum, height 28 mm
for double locking levers,
with hinged lid

Panel cutout
65 x 35 mm

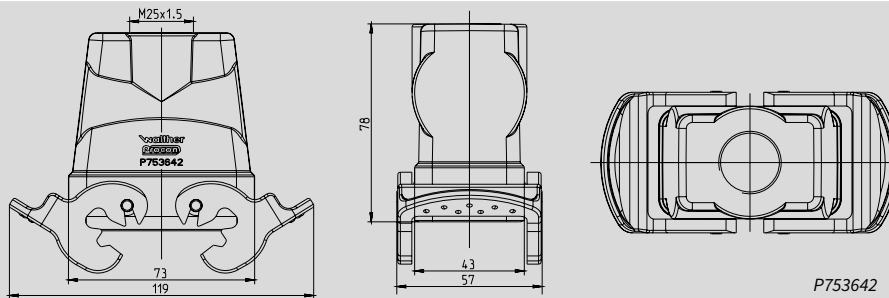
714210



Coupler hoods, aluminum, height 62 mm
with double locking levers,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

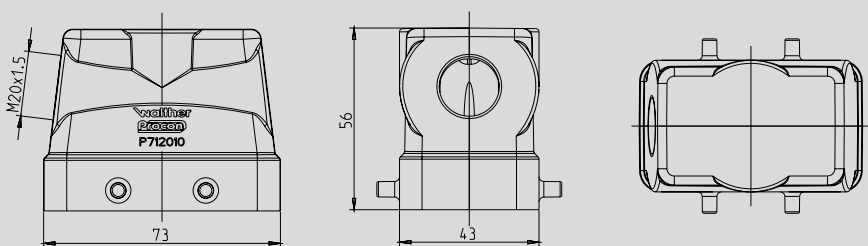
P713610



Coupler hoods, aluminum, height 78 mm
with double locking levers,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

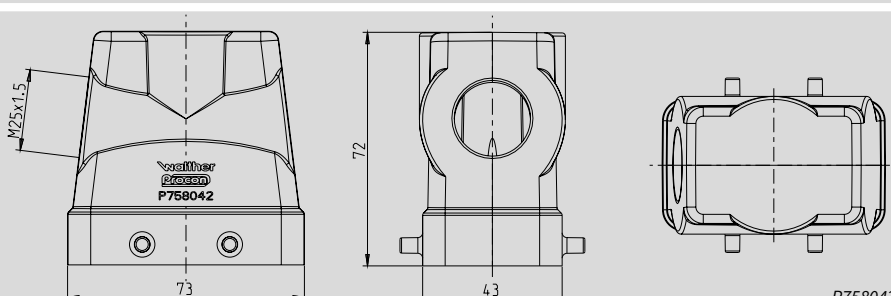
P753642



Hoods, aluminum, height 56 mm
for double locking levers,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

P712010



Hoods, aluminum, height 72 mm
for double locking levers,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

P758042

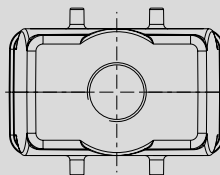
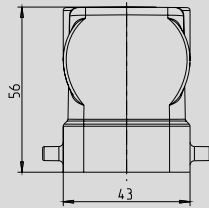
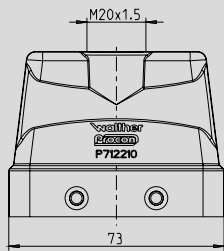
Housings for series B10, BB18, DD42, MOB10

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B10 BB18 DD42 MOB10		10 108	714210				7
							8
B10 BB18 DD42 MOB10	1 x M 20	10 166	P713610	710938	719629		9
	2 x M 20	165	P71361000	710938	719629		10
	1 x M 25	164	P713710	710939	719630		11
B10 BB18 DD42 MOB10	1 x M 25	10 199	P753642	710939	719630		Housings B6/ BB10/DD24/MO6
	2 x M 25	194	P75364200	710939	719630		Housings B10/ BB18/DD42/MO10
	1 x M 32	190	P753742	710940	719631		Housings B16/ BB32/BA6/D40/ DD72/MO16
B10 BB18 DD42 MOB10	1 x M 20	10 130	P712010	710938	719629		Housings B24/ BB46/D64/ DD108/MO24
	1 x M 25	125	P712110	710939	719630		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
B10 BB18 DD42 MOB10	1 x M 25	10 157	P758042	710939	719630		Housings B48/ BB92/D128 DD216/2xMO24
	1 x M 32	151	P758142	710940	719631		

Specifications for housings

Housings

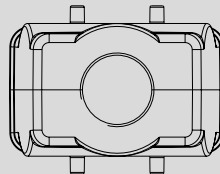
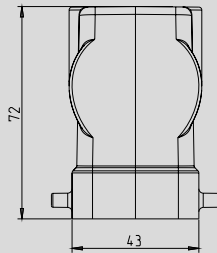
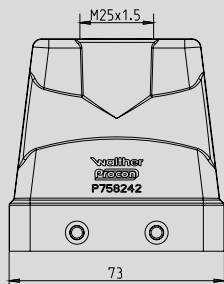
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P712210

Hoods, aluminum, height 56 mm
for double locking levers,
top cable entry

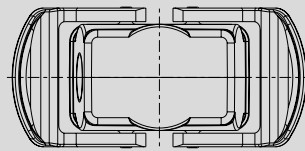
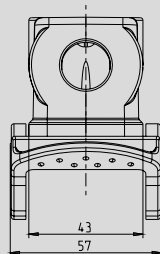
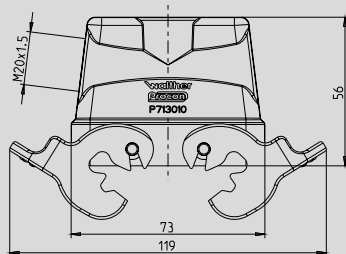
Please order the necessary quantity of collars + cable glands separately.



P758242

Hoods, aluminum, height 72 mm
for double locking levers,
top cable entry

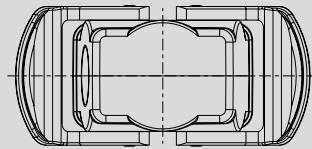
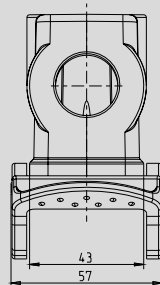
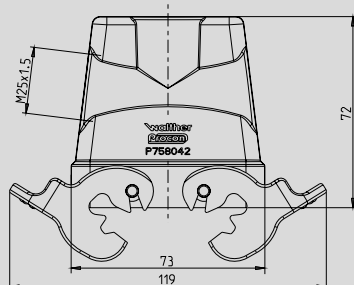
Please order the necessary quantity of collars + cable glands separately.



P713010

Hoods, aluminum, height 56 mm
with double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.



P753042

Hoods, aluminum, height 72 mm
with double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.

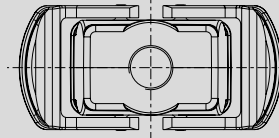
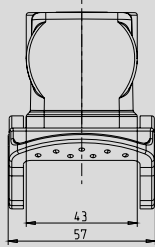
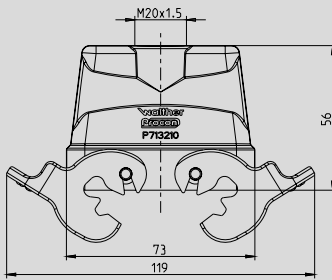
Housings for series B10, BB18, DD42, MOB10

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B10 BB18 DD42 MOB10	1 x M 20	10 133	P712210	710938	719629		7
	2 x M 20	129	P71221000	710938	719629		8
	1 x M 25	127	P712310	710939	719630		9
B10 BB18 DD42 MOB10	1 x M 25	10 156	P758242	710939	719630		10
	2 x M 25	151	P75824200	710939	719630		11
	1 x M 32	155	P758342	710940	719631		Housings B6/ BB10/DD24/MO6
B10 BB18 DD42 MOB10	1 x M 20	10 155	P713010	710938	719629		Housings B10/ BB18/DD42/MO10
							Housings B16/ BB32/BA6/D40/ DD72/MO16
B10 BB18 DD42 MOB10	1 x M 25	10 182	P753042	710939	719630		Housings B24/ BB46/D64/ DD108/MO24
	1 x M 32	177	P753142	710940	719631		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

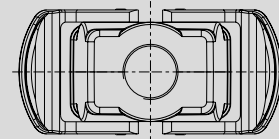
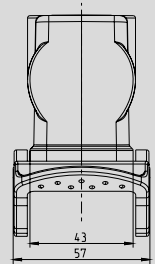
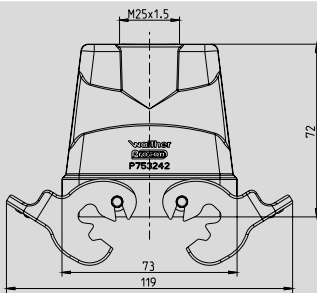
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P713210

Hoods, aluminum, height 56 mm
with double locking levers,
top cable entry

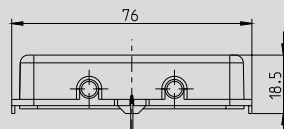
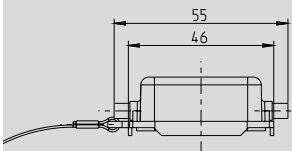
Please order the necessary quantity of collars + cable glands separately.



P753242

Hoods, aluminum, height 72 mm
with double locking levers,
top cable entry

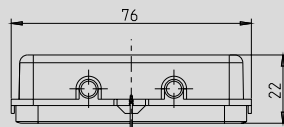
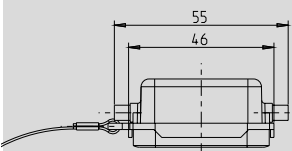
Please order the necessary quantity of collars + cable glands separately.



710624

Protective covers
with retaining cord

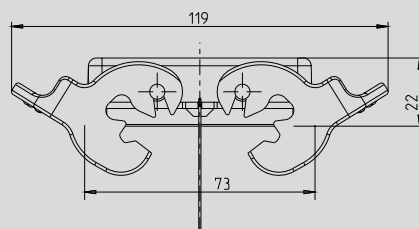
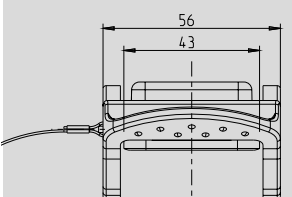
for housings with single locking lever



710756

Protective covers
with gasket and retaining cord

for housings with single locking lever



710759

Protective covers
with gasket and retaining cord

for housings with single locking lever

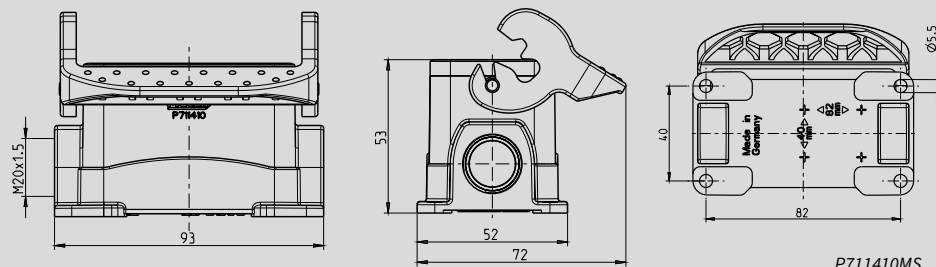
Housings for series B10, BB18, DD42, MOB10

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	
			Part no.:	Part no.:	Part no.:		1
							2
							3
							4
							5
							6
B10 BB18 DD42 MOB10	1 x M 20	10 156	P713210	710938	719629		7
	2 x M 20	154	P71321000	710938	719629		8
							9
							10
B10 BB18 DD42 MOB10	1 x M 25	10 190	P753242	710939	719630		11
	2 x M 25	188	P75324200	710939	719630		Housings B6/ BB10/DD24/MO6
	1 x M 32	180	P753342	710940	719631		Housings B10/ BB18/DD42/MO10
		10					
Plastic, gray		20	710624				Housings B16/ BB32/BA6/D40/ DD72/MO16
Aluminum		55	710624AL				
		10					
Plastic, gray		20	710756				Housings B24/ BB46/D64/ DD108/MO24
Aluminum		60	710756AL				
		10					
Plastic, gray		58	710759				Housings B48/ BB92/D128 DD216/2xMO24
Aluminum		93	710759AL				

Specifications for housings

Housings

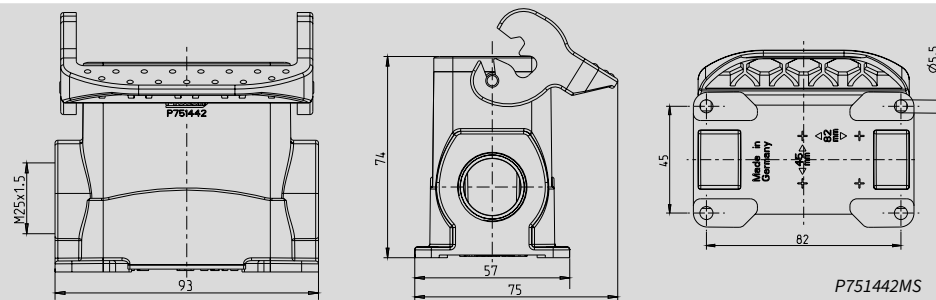
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P711410MS

Wall mount housings, aluminum, height 53 mm
with single locking lever

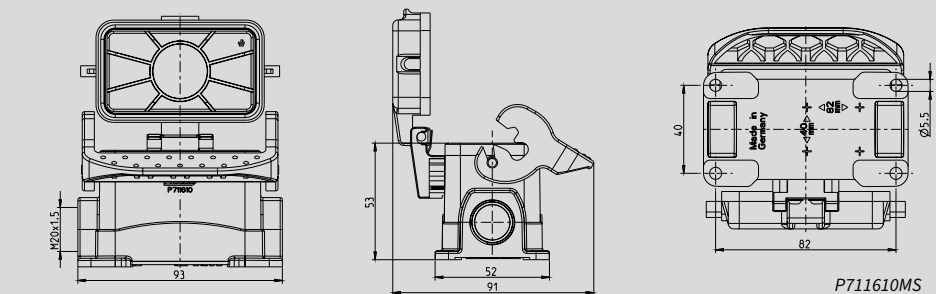
Please order the necessary quantity of glands separately.



P751442MS

Wall mount housings, aluminum, height 74 mm
with single locking lever

Please order the necessary quantity of glands separately.

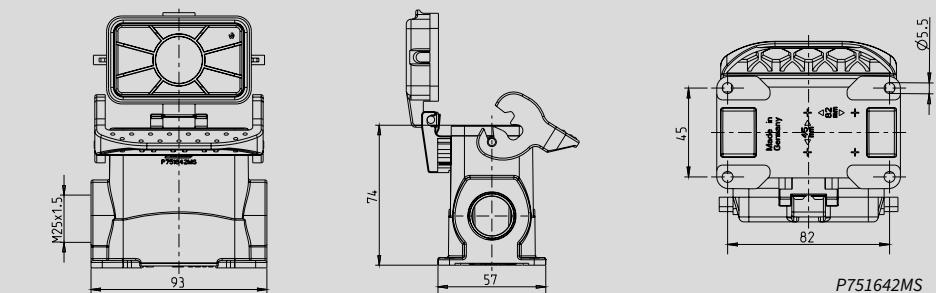


P711610MS

Wall mount housings, aluminum, height 53 mm
with single locking lever,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid

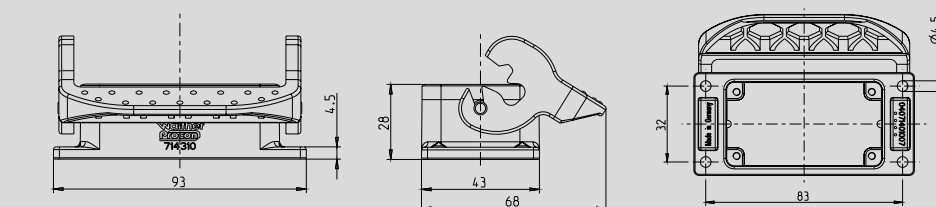


P751642MS

Wall mount housings, aluminum, height 74 mm
with single locking lever,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid



714310

Panel housing, aluminum, height 28 mm
with single locking lever

Panel cutout
52 x 35 mm

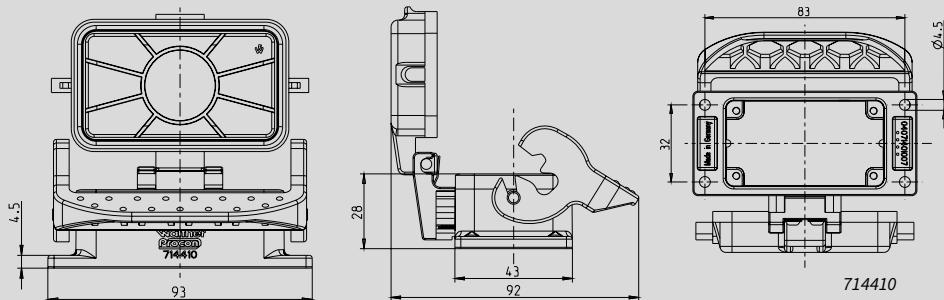
Housings for series B10, BB18, DD42, MOB10

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1		
			Part no.:	Part no.:	Part no.:		2		
							3		
							4		
							5		
							6		
B10 BB18 DD42 MOB10	1 x M 20	10 214	P711410MS		717637		7		
	2 x M 20	212	P711510MS		717637		8		
B10 BB18 DD42 MOB10	1 x M 25	10 316 307	P751442MS P751542MS		717638 717638		9		
	2 x M 25								10
	1 x M 32 2 x M 32	291 287	P757442MS P757542MS		717639 717639		11		
B10 BB18 DD42 MOB10	1 x M 20	10 253 288	P711610MS P711610MSAL		717637 717637		Housings B6/ BB10/DD24/MO6		
	1 x M 20								
2 x M 20 2 x M 20	249 284	P711710MS P711710MSAL	717637 717637		Housings B10/ BB18/DD42/MO10				
B10 BB18 DD42 MOB10	1 x M 25	10 358 393 357 392	P751642MS P751642MSAL P751742MS P751742MSAL		717638 717638 717638 717638		Housings B16/ BB32/BA6/D40/ DD72/MO16		
	1 x M 25								
	2 x M 25								
	2 x M 25								
	1 x M 32	329	P757642MS P757642MSAL		717639		Housings B24/ BB46/D64/ DD108/MO24		
	1 x M 32	364			717639				
2 x M 32	324	P757742MS P757742MSAL	717639	Housings B32/ BA12/BB64/D80/ DD144/2xMO16					
2 x M 32	359		717639						
B10 BB18 DD42 MOB10		10 85	714310				Housings B48/ BB92/D128 DD216/2xMO24		

Specifications for housings

Housings

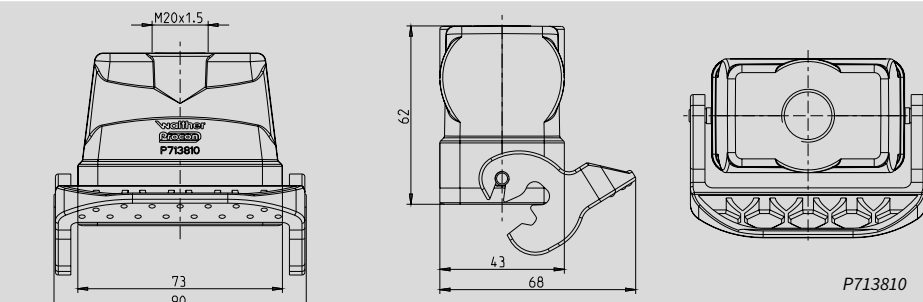
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



Panel housings, aluminum, height 28 mm
with single locking lever,
with plastic hinged lid

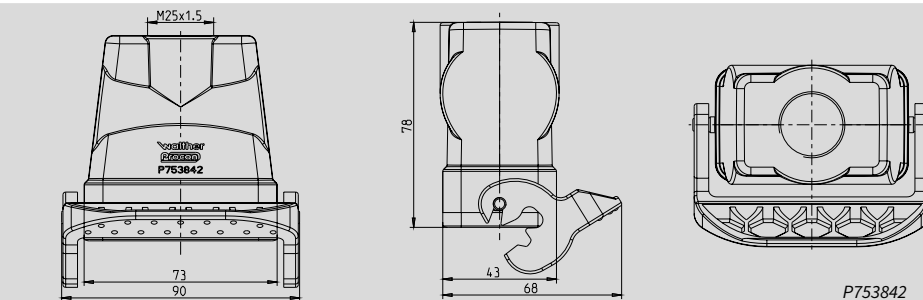
Panel cutout
65 x 35 mm

AL = aluminum hinged lid



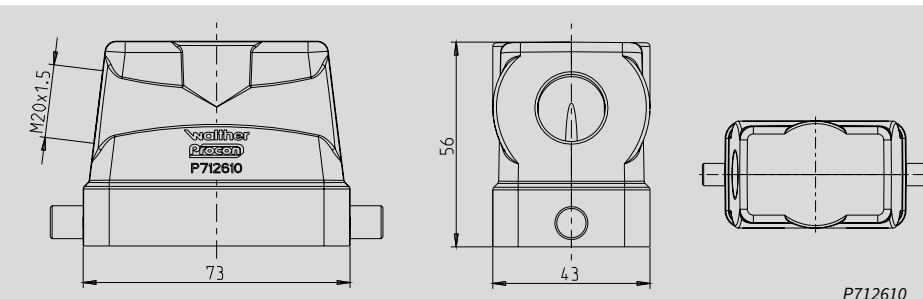
Coupler hoods, aluminum, height 62 mm
with single locking lever,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



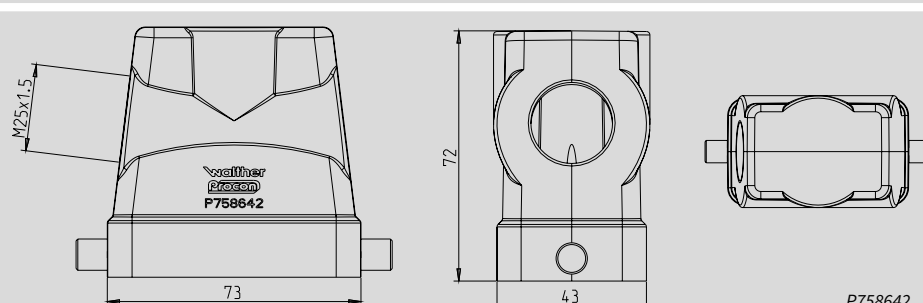
Coupler hoods, aluminum, height 78 mm
with single locking lever,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



Hoods, aluminum, height 56 mm
with single locking lever,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



Hoods, aluminum, height 72 mm
with single locking lever,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

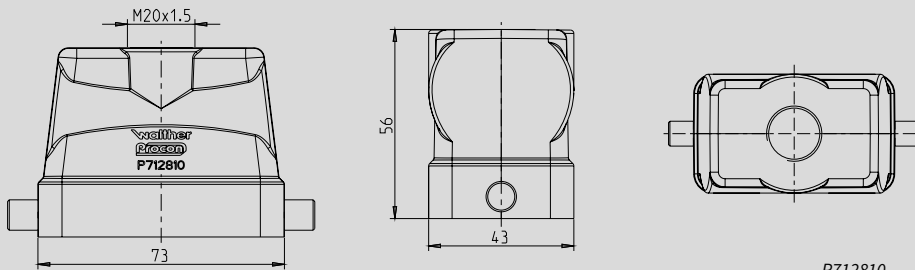
Housings for series B10, BB18, DD42, MOB10

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B10 BB18 DD42 MOB10		10					7
		121	714410				8
		173	714410AL				9
B10 BB18 DD42 MOB10	1 x M 20	10					10
	2 x M 20	155	P713810	710938	719629		11
			P71381000	710938	719629		Housings B6/ BB10/DD24/MO6
B10 BB18 DD42 MOB10	1 x M 25	10					Housings B10/ BB18/DD42/MO10
	2 x M 25	185	P753842	710939	719630		Housings B16/ BB32/BA6/D40/ DD72/MO16
	1 x M 32	184	P75384200	710939	719630		
			P753942	710940	719631		Housings B24/ BB46/D64/ DD108/MO24
B10 BB18 DD42 MOB10	1 x M 20	10					Housings B32/ BA12/BB64/D80/ DD144/2xMO16
		137	P712610	710938	719629		
B10 BB18 DD42 MOB10	1 x M 25	10					Housings B48/ BB92/D128 DD216/2xMO24
	1 x M 32	163	P758642	710939	719630		
			P758742	710940	719631		

Specifications for housings

Housings

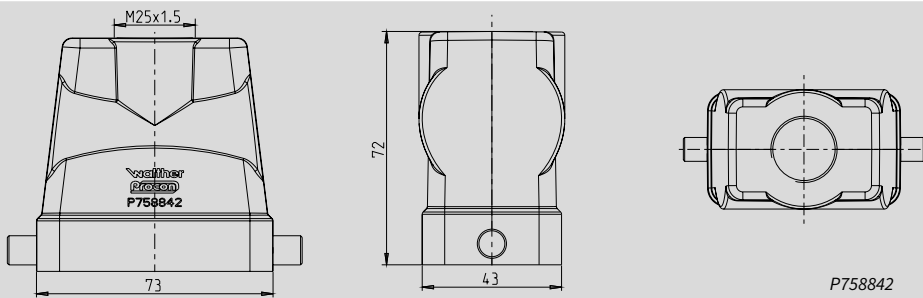
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P712810

Hoods, aluminum, height 56 mm
for single locking lever,
top cable entry

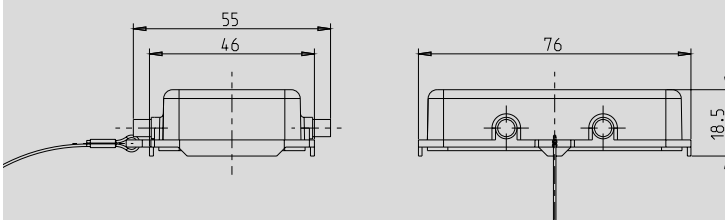
Please order the necessary quantity of collars + cable glands separately.



P758842

Hoods, aluminum, height 72 mm
for single locking lever,
top cable entry

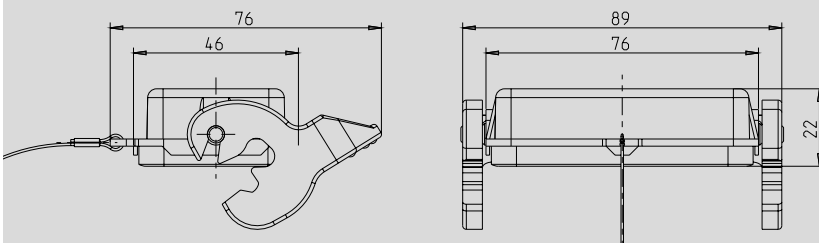
Please order the necessary quantity of collars + cable glands separately.



710632

Protective covers with retaining cord

for housings with single locking lever



710763

Protective covers with single locking lever, gasket and retaining cord

for hoods with single locking system

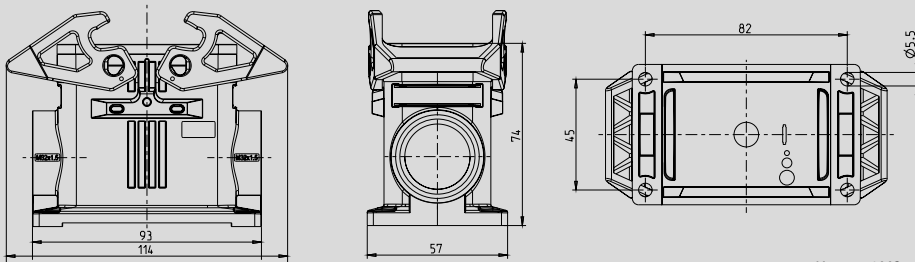
Housings for series B10, BB18, DD42, MOB10

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B10 BB18 DD42 MOB10	1 x M 20	10 138	P712810	710938	719629		7
	2 x M 20	135	P71281000	710938	719629		8
B10 BB18 DD42 MOB10	1 x M 25	10 163	P758842	710939	719630		9
	2 x M 25	160	P75884200	710939	719630		10
	1 x M 32	162	P758942	710940	719631		11
Plastic, gray Aluminum		10 21 54	710632 710632AL				Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
Plastic, gray Aluminum		10 61 107	710763 710763AL				Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

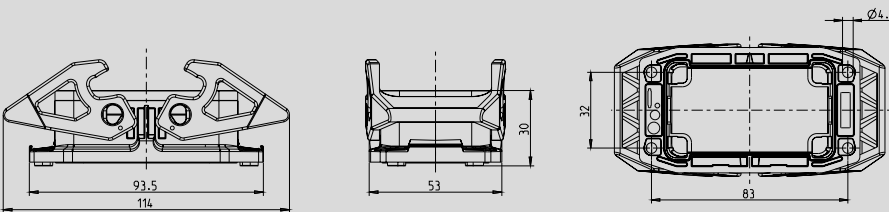
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



K757142MS

Wall mount housings, plastic, height 74 mm
with double locking levers

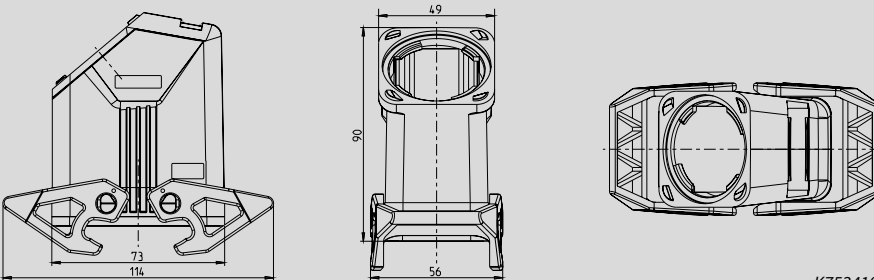
Please order the necessary quantity of glands separately.



K714110

Panel housing, plastic, height 30 mm
with single locking lever

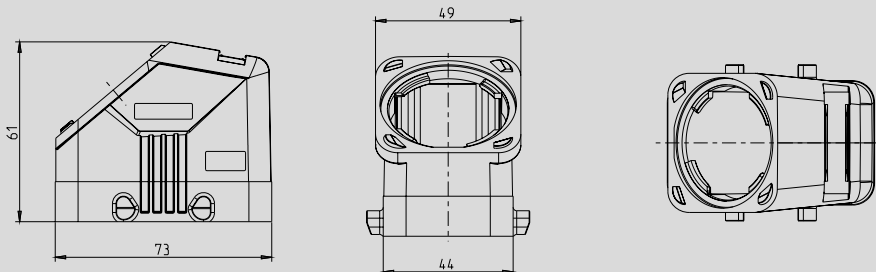
Panel cutout
52 x 35 mm



K753410

Coupler hoods, plastic, height 90 mm
with double locking levers,
prepared for cable entry
from the side or top

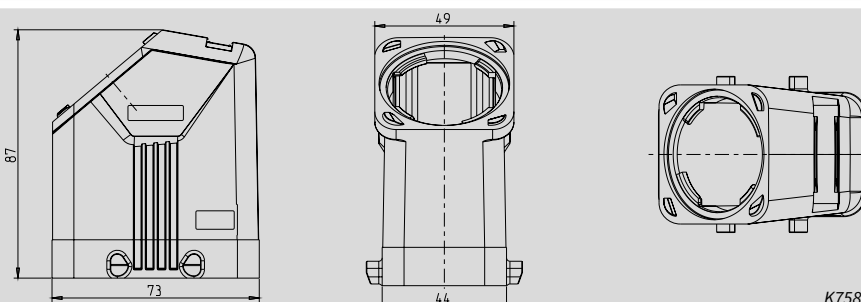
Please order the necessary quantity of glands separately.



K712410

Hoods, plastic, height 61 mm
for double locking levers,
prepared for cable entry
from the side or top

Please order the necessary quantity of glands separately.



K758442

Coupler hoods, plastic, height 87 mm
for double locking levers,
prepared for cable entry
from the side or top

Please order the necessary quantity of glands separately.

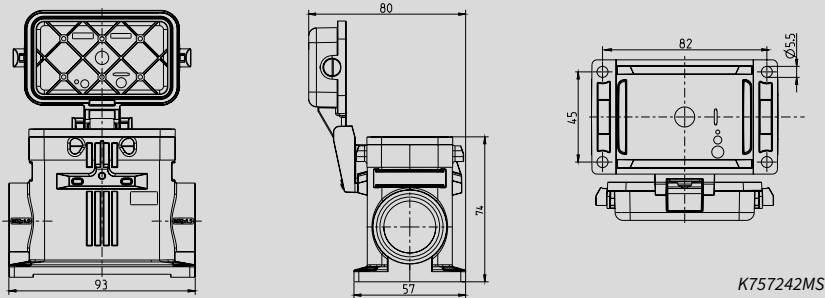
Housings for series B10, BB18, DD42, MOB10

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B10 BB18 DD42 MOB10	2 x M 32	10 147	K757142MS	717650KUSW			7
							8
							9
B10 BB18 DD42 MOB10		10 83	K714110				10
							11
B10 BB18 DD42 MOB10	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 119 119 119 119	K753410 K753410 K753410 K753410		727648KUSW 727649KUSW 727650KUSW 727651KUSW		Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
B10 BB18 DD42 MOB10	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 93 93 93 93	K712410 K712410 K712410 K712410		727648KUSW 727649KUSW 727650KUSW 727651KUSW		Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
B10 BB18 DD42 MOB10	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 92 92 92 92	K758442 K758442 K758442 K758442		727648KUSW 727649KUSW 727650KUSW 727651KUSW		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

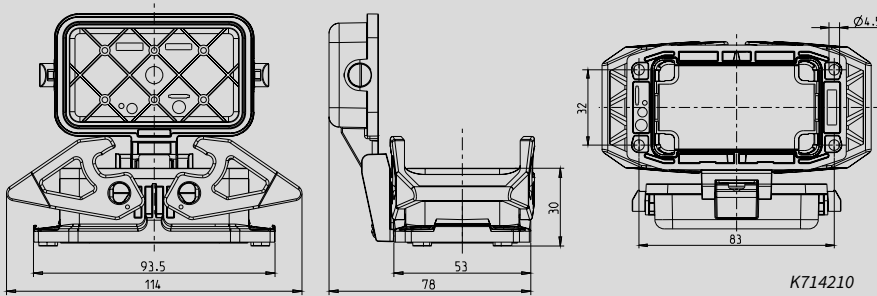
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



K757242MS

**Wall mount housings, plastic,
height 74 mm**
for double locking levers

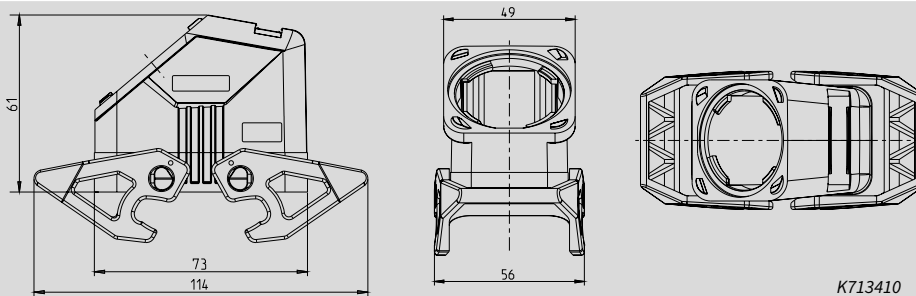
*Please order the necessary quantity
of glands separately.*



K714210

**Panel housing, plastic,
height 30 mm**
for double locking levers

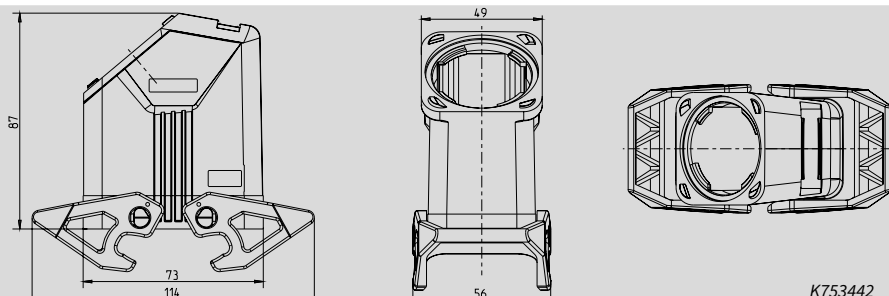
Panel cutout
65 x 35 mm



K713410

**Hoods, plastic,
height 61 mm**
with double locking levers,
prepared for cable entry
from the side or top

*Please order the necessary quantity
of glands separately.*



K753442

**Hoods, plastic,
height 87 mm**
with double locking levers,
prepared for cable entry
from the side or top

*Please order the necessary quantity
of glands separately.*

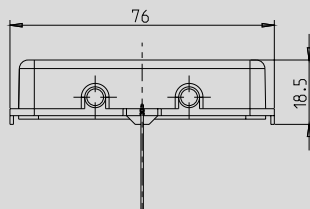
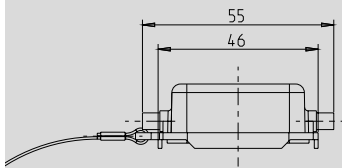
Housings for series B10, BB18, DD42, MOB10

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B10 BB18 DD42 MOB10	2 x M 32	10 151	K757242MS	717650KUSW			7
							8
							9
B10 BB18 DD42 MOB10		10 90	K714210				10
							11
B10 BB18 DD42 MOB10	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 90 90 90 90	K713410 K713410 K713410 K713410		727648KUSW 727649KUSW 727650KUSW 727651KUSW		Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
							Housings B16/ BB32/BA6/D40/ DD72/MO16
B10 BB18 DD42 MOB10	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 114 114 114 114	K753442 K753442 K753442 K753442		727648KUSW 727649KUSW 727650KUSW 727651KUSW		Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

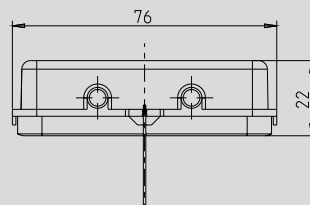
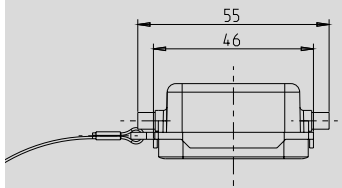
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



7107624

Protective covers with retaining cord

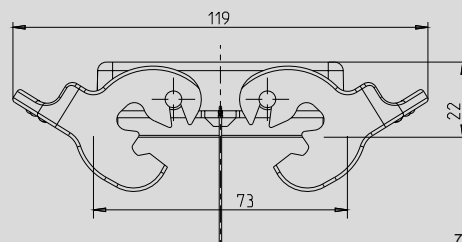
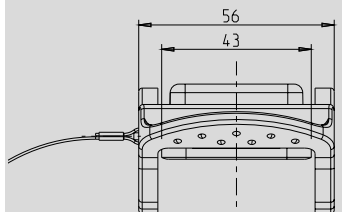
for housings with double locking levers



710756

Protective covers with gasket and retaining cord

for hoods with double locking levers



710759

Protective covers with gasket and retaining cord

for hoods with latch pins for double locking levers

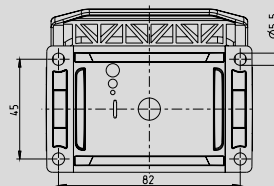
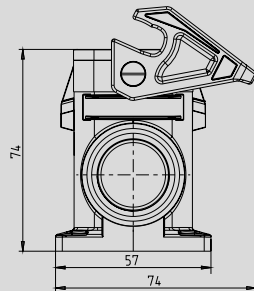
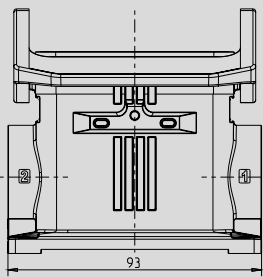
Housings for series B10, BB18, DD42, MOB10

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
		10					7
Plastic, black	15		710624SW				8
							9
							10
		10					11
Plastic, black	20		710756SW				Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
		10					Housings B16/ BB32/BA6/D40/ DD72/MO16
Plastic, black	80		710759SW				Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

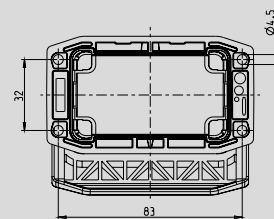
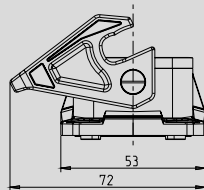
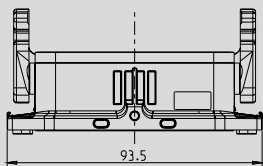
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



K757442MS

Wall mount housings, plastic, height 74 mm
with single locking lever

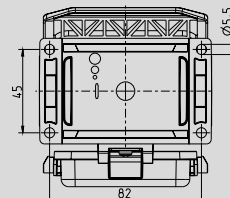
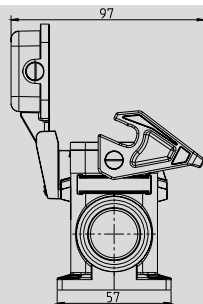
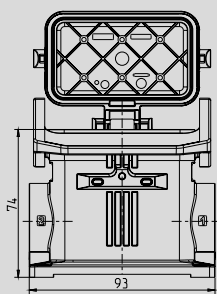
Please order the necessary quantity of glands separately.



K714310

Panel housing, plastic, height 30 mm
with single locking lever

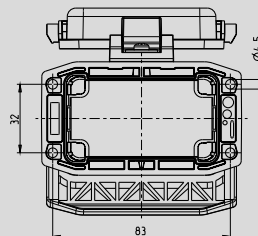
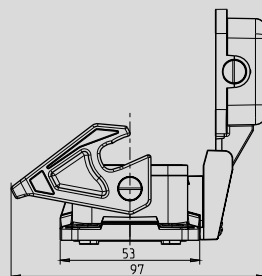
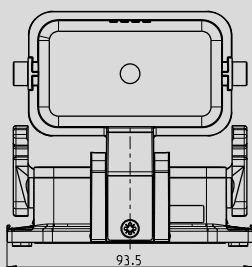
Panel cutout
65 x 35 mm



K757642MS

Wall mount housings, plastic, height 74 mm
with single locking lever,
with hinged lid

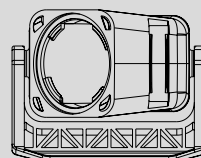
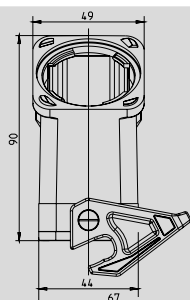
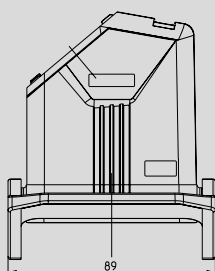
Please order the necessary quantity of glands separately.



K714410

Panel housing, plastic, height 30 mm
with single locking lever,
with hinged lid

Panel cutout
65 x 35 mm



K753542

Coupler hoods, plastic, height 90 mm
with single locking lever,
angled cable entry

Please order the necessary quantity of glands separately.

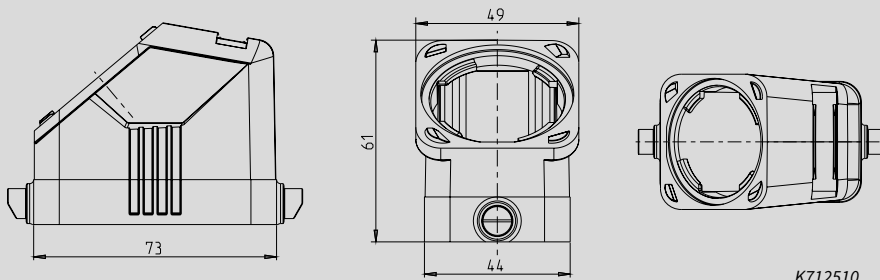
Housings for series B10, BB18, DD42, MOB10

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B10 BB18 DD42 MOB10	2 x M 32	10 147	K757442MS	717650KUSW			7
							8
							9
B10 BB18 DD42 MOB10		10 81	K714310				10
							11
B10 BB18 DD42 MOB10	2 x M 32	10 171	K757642MS	717650KUSW			Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
							Housings B16/ BB32/BA6/D40/ DD72/MO16
B10 BB18 DD42 MOB10		10 108	K714410				Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
B10 BB18 DD42 MOB10	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 116 116 116 116	K753542 K753542 K753542 K753542		727648KUSW 727649KUSW 727650KUSW 727651KUSW		Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

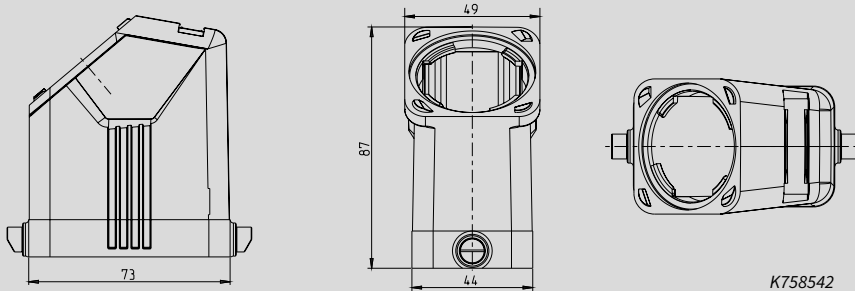
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



K712510

Hoods, plastic, height 61 mm
for single locking lever, side cable entry

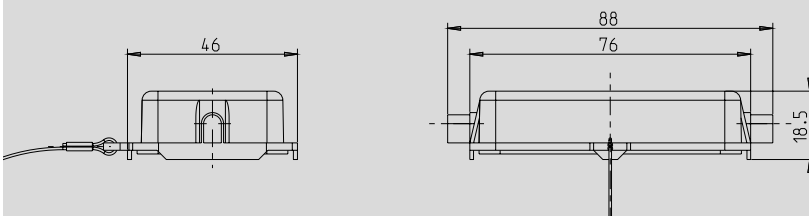
Please order the necessary quantity of glands separately.



K758542

Hoods, plastic, height 72 mm
for single locking lever, side cable entry

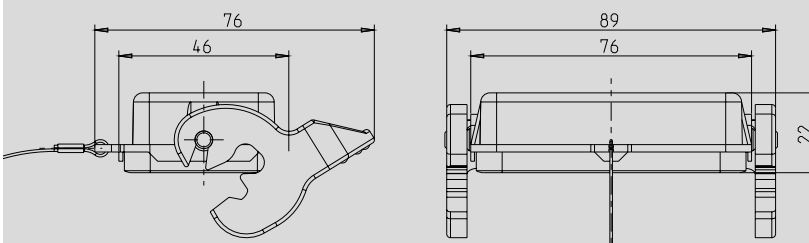
Please order the necessary quantity of glands separately.



710632SW

Protective cover with retaining cord

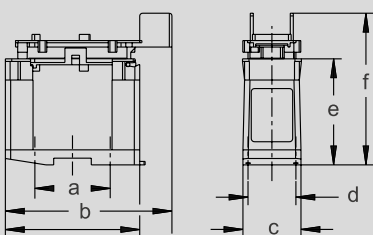
for housings with single locking lever



710763SW

Protective cover with single locking lever, gasket and retaining cord

for hoods with single locking system



125 mm: adapter module 125
150 mm: adapter module 150

	a	b	c	d	e	f
760010	70	155	54	44.5	98.5	141
760110	100	185	54	44.5	98.5	141

Snap-on mounting adapters, pivoted

adapter module depth 125 mm

adapter module depth 150 mm

mountable on DIN-rails, top can be screwed with bottom

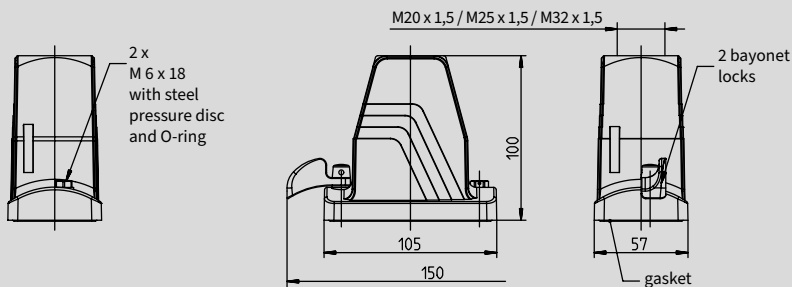
Housings for series B10, BB18, DD42, MOB10

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		
							2
							3
							4
							5
							6
B10 BB18 DD42 MOB10	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 65 65 65 65	K712510 K712510 K712510 K712510		727648KUSW 727649KUSW 727650KUSW 727651KUSW		7
							8
							9
							10
B10 BB18 DD42 MOB10	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 90 90 90 90	K758542 K758542 K758542 K758542		727648KUSW 727649KUSW 727650KUSW 727651KUSW		11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
Plastic, black		10 15	710632SW				Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
Plastic, black		10 61	710763SW				Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24
for 1 insert		5 207	760010				
for 1 insert		211	760110				

Specifications for housings

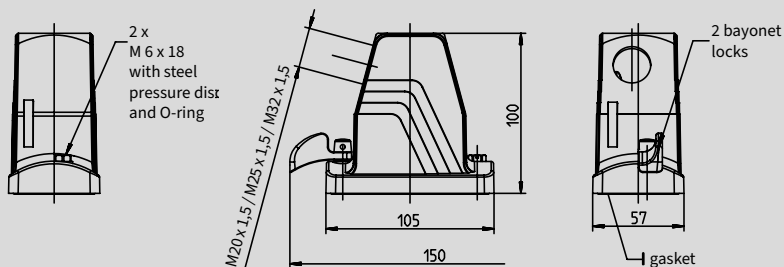
Housings

Material: Aluminum die cast
 Surface: Powder coated
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



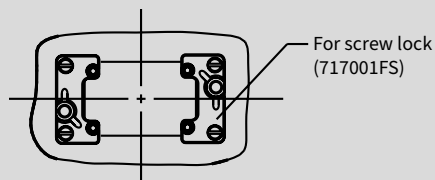
**Hoods, aluminum,
height 100 mm
top cable entry**

*Please order the necessary quantity
of glands separately.*



**Hoods, aluminum,
height 100 mm
side cable entry**

*Please order the necessary quantity
of glands separately.*



Flange installation:

1 pc. **flange set** has to be ordered separately:

717001FS for screw-mountable hoods

Accessories for screw mountable hoods:

Flange set, zinc,
with 2 flanges, 4 screws,
4 serrated lock washers.
Female / male inserts are mounted
directly onto the mounting flange -
saves the panel housing!

Protective covers for mounting side

for snapping on with retaining cord,
IP50

Protective covers for mounting side

with screw lock,
with retaining cord,
IP65

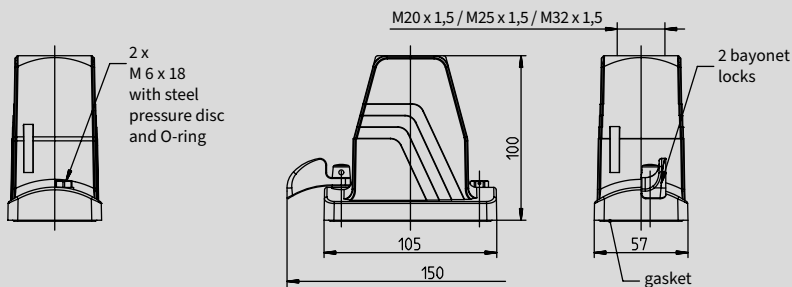
Screw-mountable hoods for series B10, BB18, BHT10, DD42 and MOB10

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Hood: screw-mountable	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B10 BB18 BHT10 DD42 MOB10	1 x M 20	10 292	7171100V	710938	719629		7
	1 x M 25	291	7172100V	710939	719630		8
B10 BB18 BHT10 DD42 MOB10	1 x M 20	10 292	7175100V	710938	719629		9
	1 x M 25	291	7176100V	710939	719630		10
B10 BB18 BHT10 DD42 MOB10		1 62	717001FS				11
B10 BB18 BHT10 DD42 MOB10		10 29	717699				Housings B10/ BB18/DD42/MO10
B10 BB18 BHT10 DD42 MOB10		10 44	717703				Housings B24/ BB46/D64/ DD108/MO24
B10 BB18 BHT10 DD42 MOB10		10 44	717703				Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

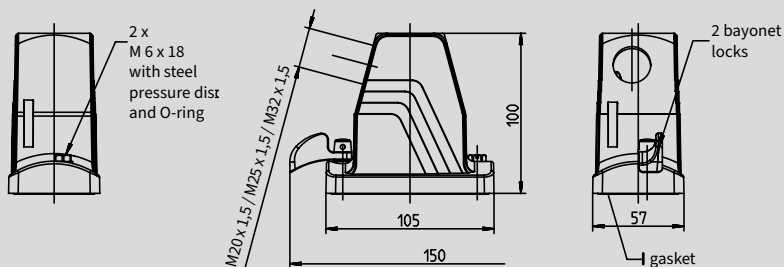
Housings

Material: Aluminum die cast
 Surface: Powder coated
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



**Hoods, aluminum,
height 100 mm
top cable entry**

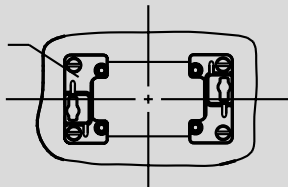
*Please order the necessary quantity
of glands separately.*



**Hoods, aluminum,
height 100 mm
side cable entry**

*Please order the necessary quantity
of glands separately.*

For bayonet
lock
(727001FS)



Flange installation:

1 pc. **flange set** has to be ordered separately:
727001FS (for housings with bayonet lock)

Accessories for hoods with bayonet lock:

Flange set, zinc,
with 2 flanges, 4 screws,
4 serrated lock washers.
Female / male inserts are mounted
directly onto the mounting flange -
saves the panel housing!



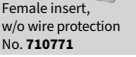
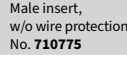






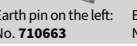
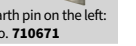












Protective covers for mounting side

with bayonet lock
with retaining cord,
IP65

Housings for series B10, BB18, BHT10, DD42, MOB10







Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Hood: Bayonet lock	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B10 BB18 BHT10 DD42 MOB10	1 x M 20	10 333	7271100V	710938	719629		7
	1 x M 25	325	7272100V	710939	719630		8
							9
							10
B10 BB18 BHT10 DD42 MOB10	1 x M 20	10 333	7275100V	710938	719629		11
	1 x M 25	325	7276100V	710939	719630		Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
B10 BB18 BHT10 DD42 MOB10		1 60	727001FS				Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
B10 BB18 BHT10 DD42 MOB10		10 59	727625				Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

A brief overview of the insert installation options of series B16, BB32, BA6, D40, DD72 and MOB16

	Screw terminal inserts	Crimp contact carriers	IDC inserts	Push-in inserts	Wiring adapters for panel housings
B16	Female insert, with wire protection No. 710116  Male insert, with wire protection No. 710216  Female insert, w/o wire protection No. 710771  Male insert, w/o wire protection No. 710775 		Female insert IDC terminal No. 71011601  Male insert IDC terminal No. 71021601 	Female insert push-in terminal No. 71011604  Male insert push-in terminal No. 71021604 	Wiring adapter, female insert, earth pin on the right No. 710659  Wiring adapter, male insert, earth pin on the right No. 710667  Earth pin on the left: No. 710663  Earth pin on the left: No. 710671 
BB32		for sleeve contacts No. 710333  for pin contacts No. 710433 			
BA6	Female insert, with wire protection No. 710620  Male insert, with wire protection No. 710621 				
D40		for sleeve contacts No. 720340  for pin contacts No. 720440 			Female insert, earth pin on the left No. 720633  Male insert, earth pin on the left No. 720632 
DD72		for sleeve contacts No. 750172  for pin contacts No. 750272 			
MOB16	Female frame MO B6 for 5 contact carriers for female and male contacts (frame coding A-B) No. 770016 		Male frame MO B6 for 5 contact carriers for female and male contacts (frame coding A-B) No. 770116 		

Contacts for crimp contact carriers of series BB32 see page 56 and DD72 see page 89

Inserts of series MO (modular system)

Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Insert	Contacts
MO	MO 3P coax	3	without	250	-		Sleeve 771203  772400 772410
	MO 3P coax	3	without	250	-		Pin 771303  772500 772510
	MO 2P	1 + PE	1	1000	80		Sleeve 771401
	MO 2P	1 + PE	1	1000	80		Pin 771501
	MO 2P	2	1-2	1000	80		Sleeve 771402
	MO 2P	2	1-2	1000	80		Pin 771502

Housings for series B16, BA6, BB32, D40, DD72 and MOB16

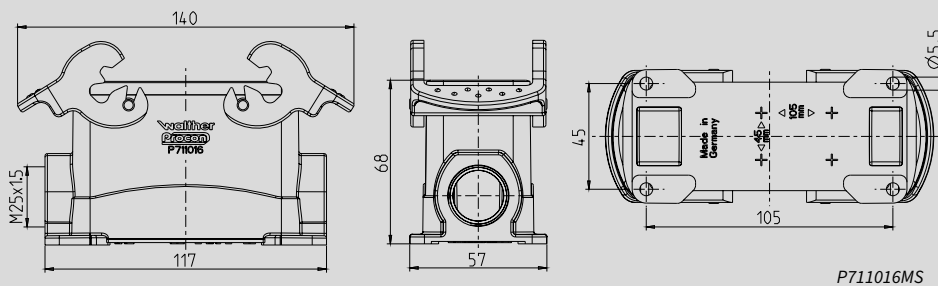
Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Contacts												
MO	MO 3P	3	1 - 3	630	40		Sleeve		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²			1		
							771003		772030	772040	772050	772060	772070			2		
	MO 3P	3	1 - 3	630	40		Pin		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²			3		
								771103		772130	772140	772150	772160	772170			4	
	MO 3.1P	3	1 - 3	1000	50		Sleeve		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²			5		
								771403		772030	772040	772050	772060	772070			6	
	MO 3.1P	3	1 - 3	1000	50		Pin		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²			7		
								771503		772130	772140	772150	772160	772170			8	
	MO 4P	4	1 - 4	630	25		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²			9	
								771605		710508	710504	710509	710500	710501	710502			10
	MO 4P	4	1 - 4	630	25		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²			11	
								771705		710518	710514	710519	710510	710511	710512			
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Sleeve		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²							
								771610		773200	773230	773260						
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Pin		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²							
								771710		773300	773330	773360						
	MO 5.1P	5	1 - 5	1000	16		Sleeve		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²							
								771620		773200	773230	773260						
	MO 5.1P	5	1 - 5	1000	16		Pin		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²							
								771720		773300	773330	773360						
	MO 5P	5	1 - 5	400	20		Sleeve		0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²					
								771005		772210	772220	772230	772240	772250				
	MO 5P	5	1 - 5	400	20		Pin		0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²					
								771105		772310	772320	772330	772340	772350				
MO 10P	10	1 - 10	250	10		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			Housings B6/ BB10/DD24/MO6		
							771010		720506	720507	720508	720509	720502	720520				
MO 10P	10	1 - 10	250	10		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL					
							771110		720516	720517	720518	720519	720512	720530			Housings B10/ BB18/DD42/MO10	
MO 20P	20	1 - 20	63	5		Sleeve		0.09 - 0.25 mm ²	0.25 - 0.5 mm ²									
							771020		773000	773001								
MO 20P	20	1 - 20	63	5		Pin		0.09 - 0.25 mm ²	0.25 - 0.5 mm ²									
							771120		773100	773101								
MO RJ45	4 + 8		400	13		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			Housings B16/ BB32/BA6/D40/ DD72/MO16		
							775000		720506	720507	720508	720509	720502	720520				
MO RJ45	4 + 8		400	13		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL					
							775100		720516	720517	720518	720519	720512	720530				
MO RJ45	8					RJ45												
							720545											
MO Universal bus	4 + *		30	1		Sleeve												
							775010											
MO Universal bus	4 + *		30	1		Pin												
							775110											
MO DP Profi bus	2/4 + *		30	1		Sleeve												
							775020											
MO DP Profi bus	2/4 + *		30	1		Pin												
							775120											
MO 1P Pneu	1 + 2		8 bar			Sleeve		Sleeve		Sleeve		Sleeve						
							771001		771002		771004		771006					
MO 1P Pneu	1 + 2		8 bar			Pin		Pin		Pin		Pin						
							771101		771102		771104		771106					
MO 0						Sleeve												
							771000											
MO 0						Pin												
							771100											

* shielding

Specifications for housings

Housings

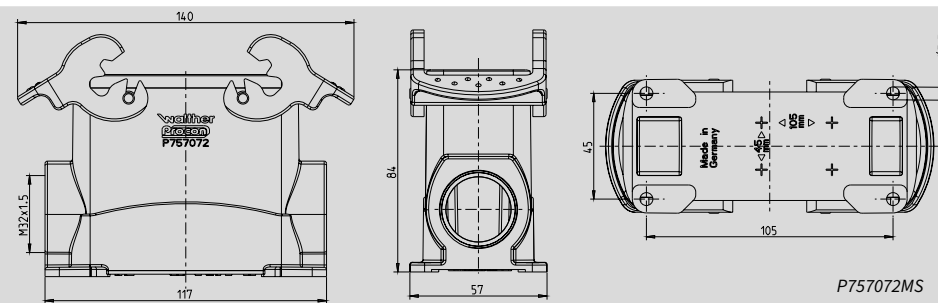
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P711016MS

Wall mount housings, aluminum, height 68 mm
with double locking levers

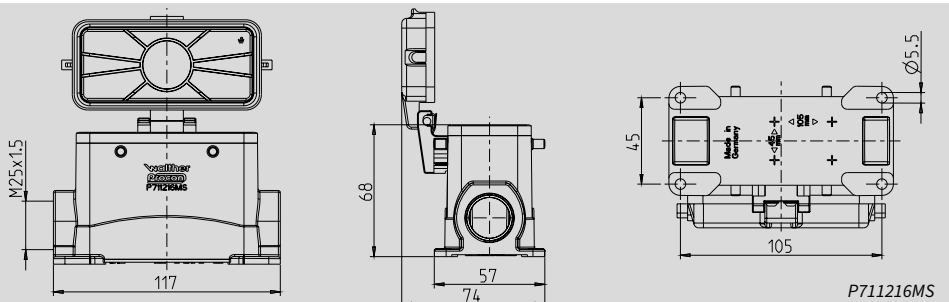
Please order the necessary quantity of glands separately.



P757072MS

Wall mount housings, aluminum, height 84 mm
with double locking levers

Please order the necessary quantity of glands separately.

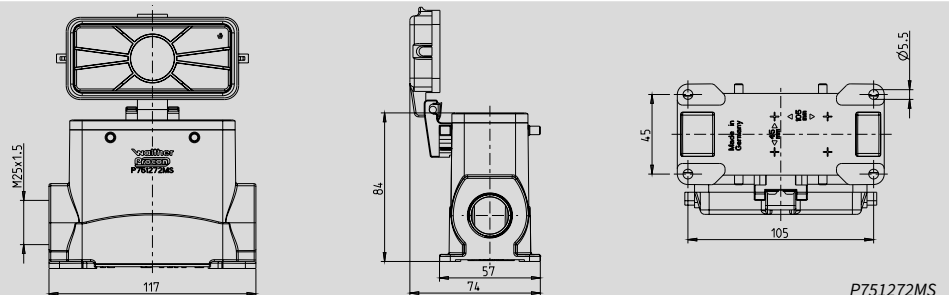


P711216MS

Wall mount housings, aluminum, height 68 mm
for double locking levers,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid

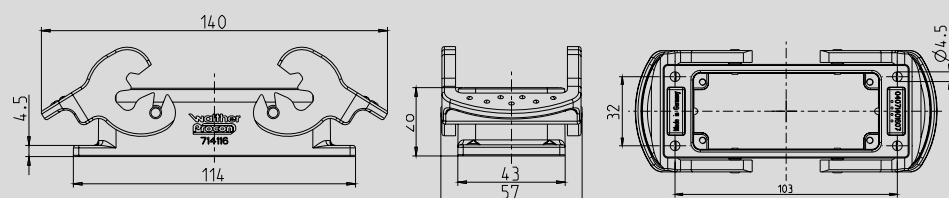


P751272MS

Wall mount housings, aluminum, height 84 mm
for double locking levers,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid



714116

Panel housing, aluminum, height 28 mm
with double locking levers

Panel cutout
86 x 35 mm

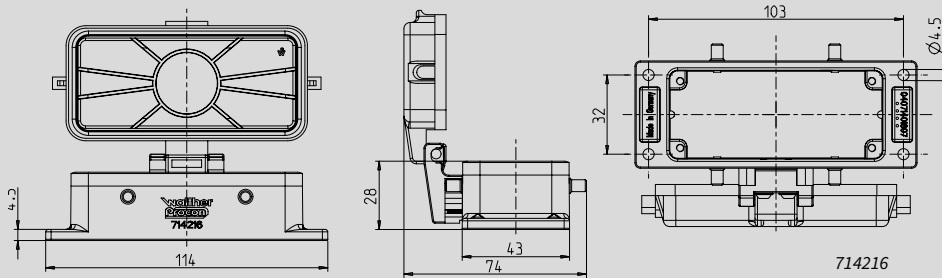
Housings for series B16, BA6, BB32, D40, DD72 and MOB16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
							7
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25 2 x M 25	10 339 333	P711016MS P711116MS		717638 717638		8
							9
							10
B16 BA6 BB32 D40 DD72 MOB16	1 x M 32 2 x M 32 1 x M 40 2 x M 40	10 414 412 393 363	P757072MS P757172MS P75707240MS P75717240MS		717639 717639 717640 717640		11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25 1 x M 25 2 x M 25 2 x M 25	10 348 391 341 384	P711216MS P711216MSAL P711316MS P711316MSAL		717638 717638 717638 717638		Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25 1 x M 25 2 x M 25 2 x M 25 1 x M 32 1 x M 32 2 x M 32 2 x M 32	10 455 498 463 506 423 466 416 459	P751272MS P751272MSAL P751372MS P751372MSAL P757272MS P757272MSAL P757372MS P757372MSAL		717638 717638 717638 717638 717639 717639 717639 717639		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24
B16 BA6 BB32 D40 DD72 MOB16		10 115	714116				

Specifications for housings

Housings

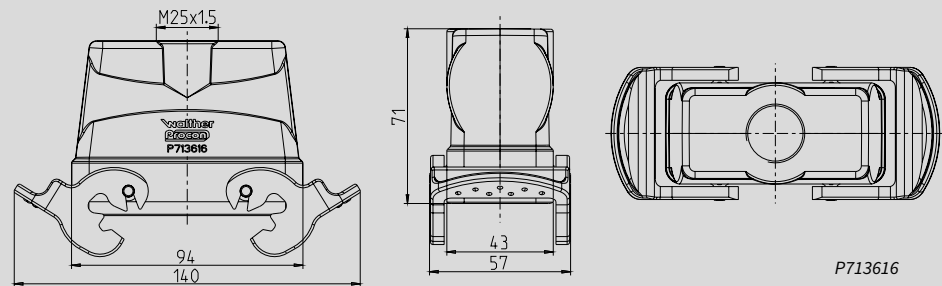
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



Panel housings, aluminum, height 28 mm
for double locking levers,
with plastic hinged lid

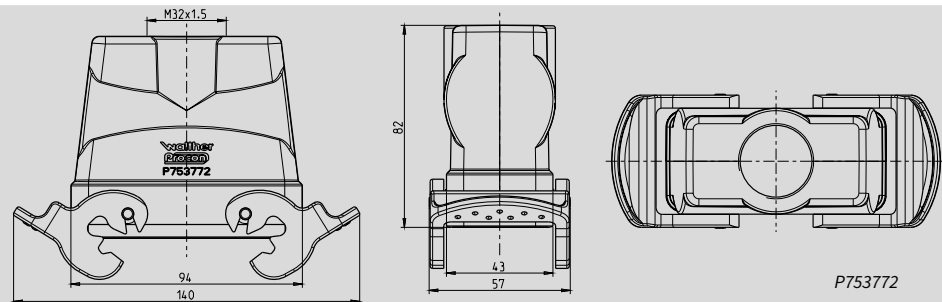
Panel cutout
86 x 35 mm

AL = aluminum hinged lid



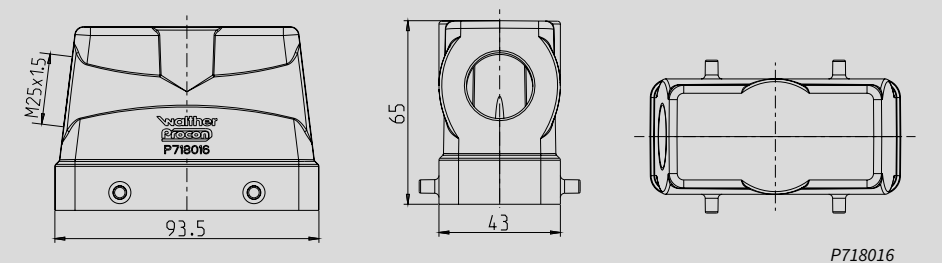
Coupler hoods, aluminum, height 71 mm
with double locking levers,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



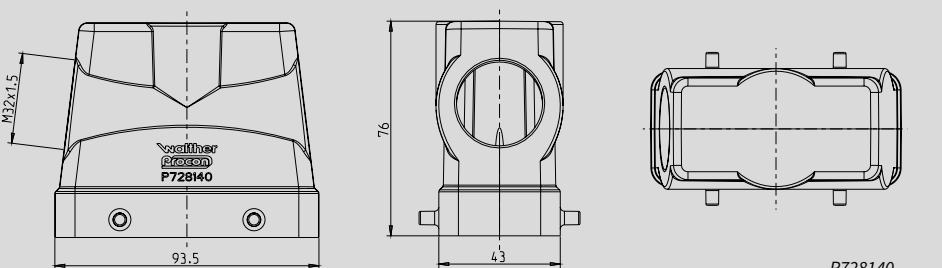
Coupler hoods, aluminum, height 82 mm
with double locking levers,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



Hoods, aluminum, height 65 mm
for double locking levers,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



Hoods, aluminum, height 76 mm
for double locking levers,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

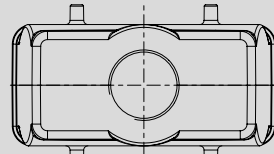
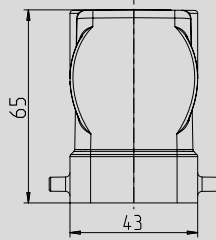
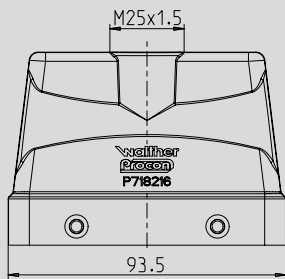
Housings for series B16, BA6, BB32, D40, DD72 and MOB16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
							7
B16 BA6 BB32 D40 DD72 MOB16		10					8
		125	714216				9
		163	714216AL				10
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25	10	P713616	710939	719630		11
	2 x M 25	210	P71361600	710939	719630		Housings B6/ BB10/DD24/MO6
	1 x M 32	203	P713716	710940	719631		Housings B10/ BB18/DD42/MO10
B16 BA6 BB32 D40 DD72 MOB16	1 x M 32	10	P753772	710940	719631		Housings B16/ BB32/BA6/D40/ DD72/MO16
	2 x M 32	234	P75377200	710940	719631		
	1 x M 40	224	P75377240	710941	719632		
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25	10	P718016	710939	719630		Housings B24/ BB46/D64/ DD108/MO24
	1 x M 32	167	P718116	710940	719631		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
B16 BA6 BB32 D40 DD72 MOB16	1 x M 32	10	P728140	710940	719631		Housings B48/ BB92/D128 DD216/2xMO24
	1 x M 40	188	P72814040	710941	719632		

Specifications for housings

Housings

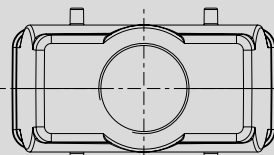
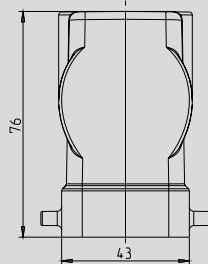
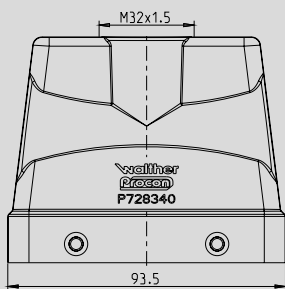
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P718216

Hoods, aluminum, height 65 mm
for double locking levers,
top cable entry

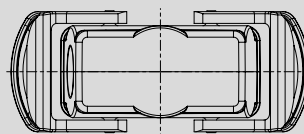
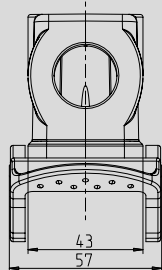
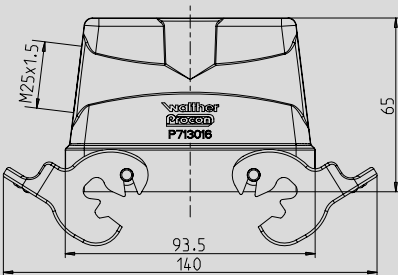
Please order the necessary quantity of collars + cable glands separately.



P728340

Hoods, aluminum, height 76 mm
for double locking levers,
top cable entry

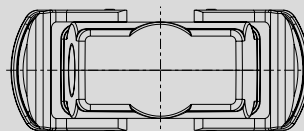
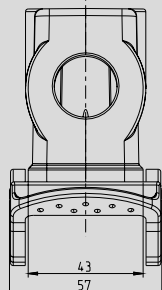
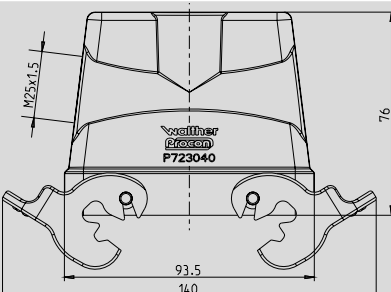
Please order the necessary quantity of collars + cable glands separately.



P713016

Hoods, aluminum, height 65 mm
with double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.



P723040

Hoods, aluminum, height 76 mm
with double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.

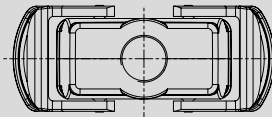
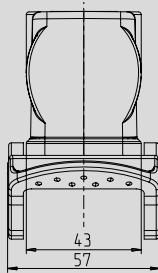
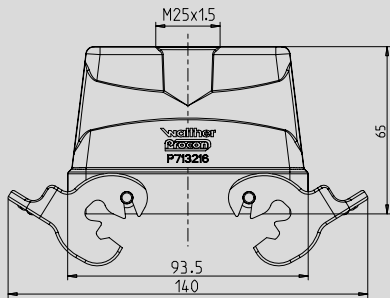
Housings for series B16, BA6, BB32, D40, DD72 and MOB16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
							7
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25	10 174	P718216	710939	719630		8
	2 x M 25	160	P71821600	710939	719630		9
	1 x M 32	164	P718316	710940	719631		10
B16 BA6 BB32 D40 DD72 MOB16	1 x M 32	10 191	P728340	710940	719631		11
	1 x M 40	185	P72834040	710941	719632		Housings B6/ BB10/DD24/MO6
	2 x M 40	180	P7283404000	710941	719632		Housings B10/ BB18/DD42/MO10
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25	10 201	P713016	710939	719630		Housings B16/ BB32/BA6/D40/ DD72/MO16
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25	10 226	P723040	710939	719630		Housings B24/ BB46/D64/ DD108/MO24
	1 x M 32	222	P723140	710940	719631		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

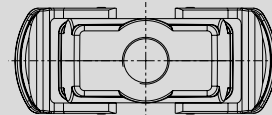
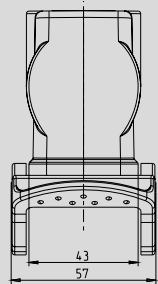
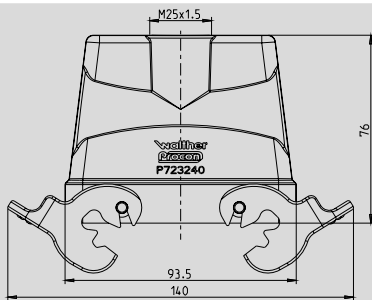
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P713216

Hoods, aluminum, height 65 mm
with double locking levers,
top cable entry

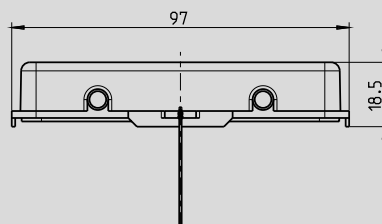
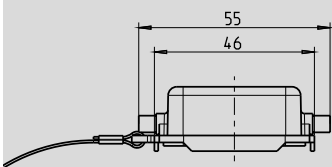
Please order the necessary quantity of collars + cable glands separately.



P723240

Hoods, aluminum, height 76 mm
with double locking levers,
top cable entry

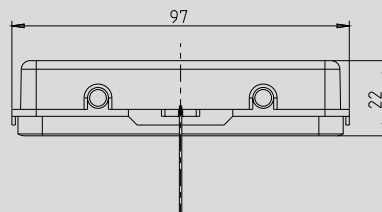
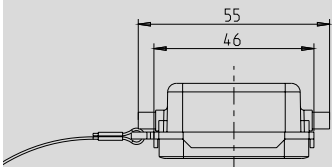
Please order the necessary quantity of collars + cable glands separately.



710626

Protective covers with retaining cord

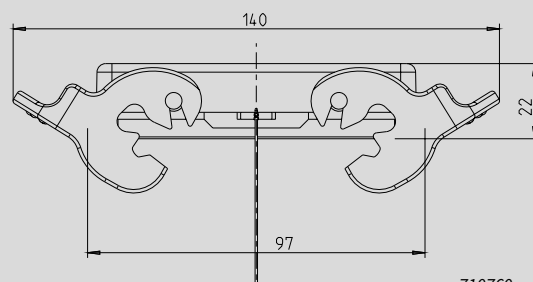
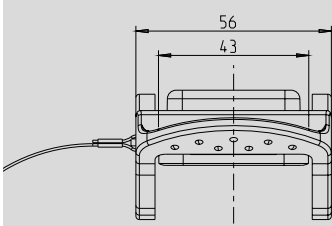
for housings with double locking levers



710757

Protective covers with gasket and retaining cord

for housings with double locking levers



710760

Protective covers with gasket and retaining cord

for hoods with latch pins for double locking system

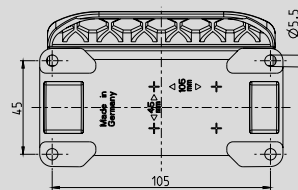
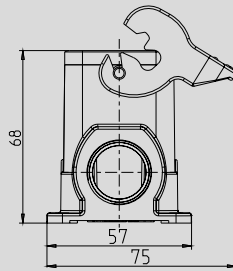
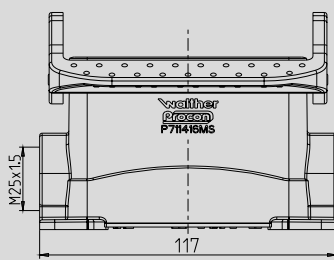
Housings for series B16, BA6, BB32, D40, DD72 and MOB16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B16 BA6 BB32 D40 DD72 MOB16	1 x M 20 2 x M 20	10 202 200	P713216 P71321600	710938 710938	719629 719629		7 8 9
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25 2 x M 25 1 x M 32 2 x M 32	10 221 218 223 227	P723240 P72324000 P723340 P72334000	710939 710939 710940 710940	719630 719630 719631 719631		10 11 Housings B6/ BB10/DD24/MO6
Plastic, gray Aluminum		10 27 70	710626 710626AL				Housings B10/ BB18/DD42/MO10
Plastic, gray Aluminum		10 25 76	710757 710757AL				Housings B16/ BB32/BA6/D40/ DD72/MO16
Plastic, gray Aluminum		10 64 108	710760 710760AL				Housings B24/ BB46/D64/ DD108/MO24 Housings B32/ BA12/BB64/D80/ DD144/2xMO16 Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

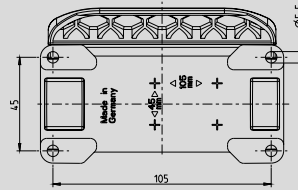
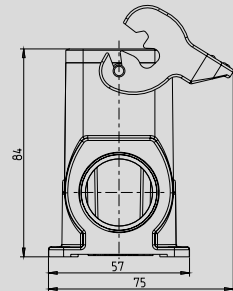
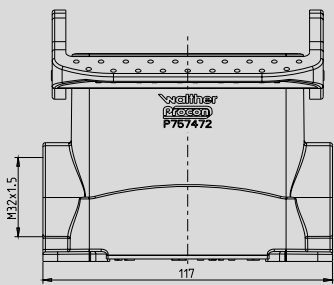
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P711416MS

Wall mount housings, aluminum, height 68 mm
with single locking lever

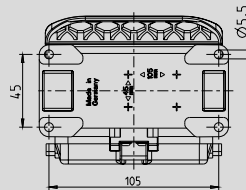
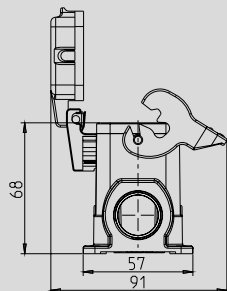
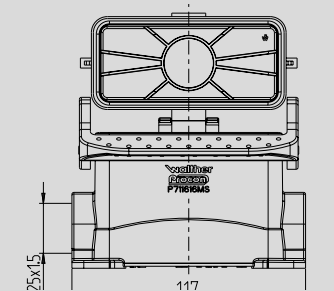
Please order the necessary quantity of glands separately.



P757472MS

Wall mount housings, aluminum, height 84 mm
with single locking lever

Please order the necessary quantity of glands separately.

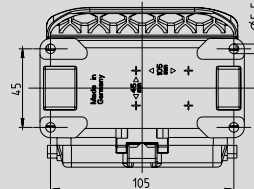
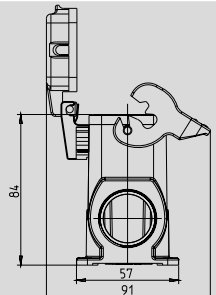
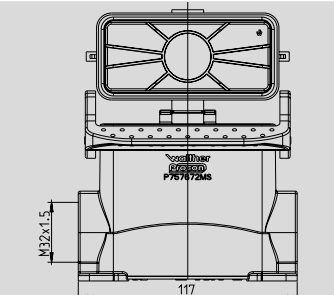


P711616MS

Wall mount housings, aluminum, height 68 mm
with single locking lever,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid

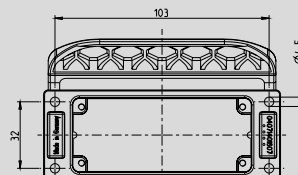
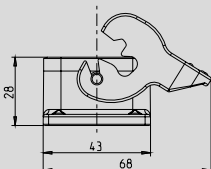
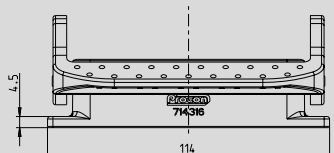


P757672MS

Wall mount housings, aluminum, height 84 mm
with single locking lever,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid



714316

Panel housing, aluminum, height 28 mm
with single locking lever

Panel cutout
86 x 35 mm

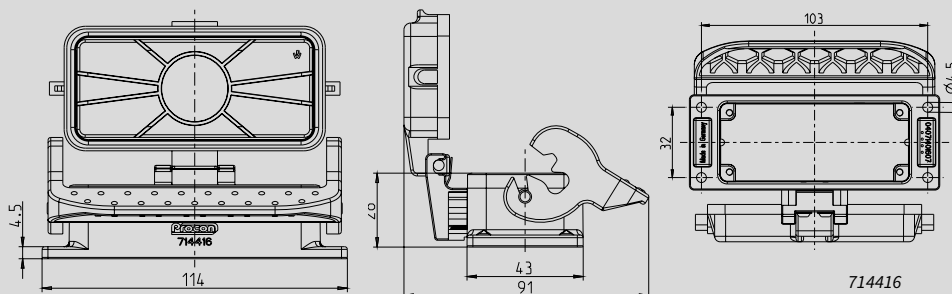
Housings for series B16, BA6, BB32, D40, DD72 and MOB16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25 2 x M 25	10 324 321	P711416MS P711516MS		717638 717638		7
							8
							9
							10
B16 BA6 BB32 D40 DD72 MOB16	1 x M 32 2 x M 32 1 x M 40 2 x M 40	10 400 397 394 389	P757472MS P757572MS P75747240MS P75757240MS		717639 717639 717640 717640		11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25 1 x M 25 2 x M 25 2 x M 25	10 369 422 362 415	P711616MS P711616MSAL P711716MS P711716MSAL		717638 717638 717638 717638		Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
B16 BA6 BB32 D40 DD72 MOB16	1 x M 32 1 x M 32 2 x M 32 2 x M 32 1 x M 40 1 x M 40 2 x M 40 2 x M 40	10 455 508 452 505 431 484 401 454	P757672MS P757672MSAL P757772MS P757772MSAL P75767240MS P75767240MSAL P75777240MS P75777240MSAL		717639 717639 717639 717639 717640 717640 717640 717640		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24
B16 BA6 BB32 D40 DD72 MOB16		10 98	714316				

Specifications for housings

Housings

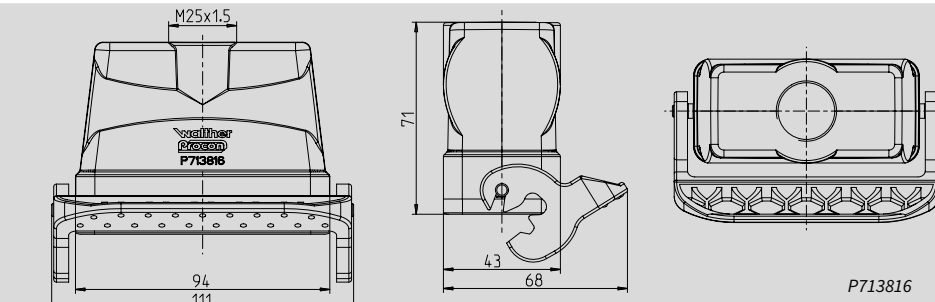
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



Panel housings, aluminum, height 28 mm
with single locking lever,
with plastic hinged lid

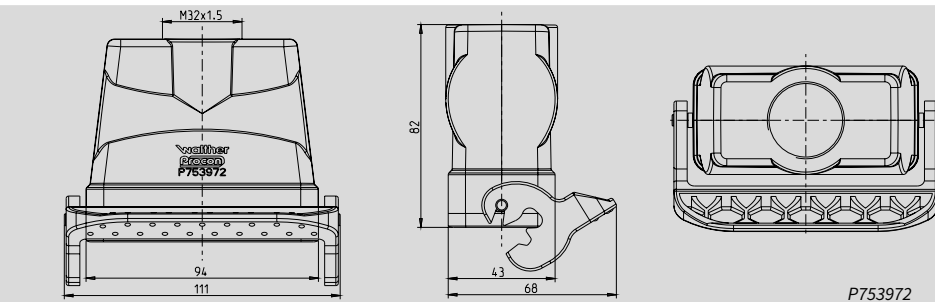
Panel cutout
65 x 35 mm

AL = aluminum hinged lid



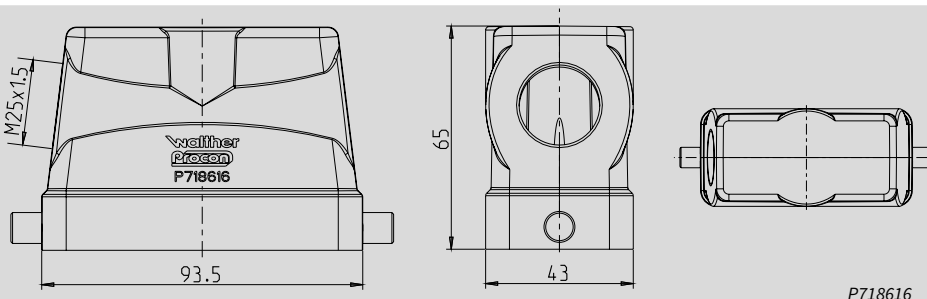
Coupler hoods, aluminum, height 71 mm
with single locking lever,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



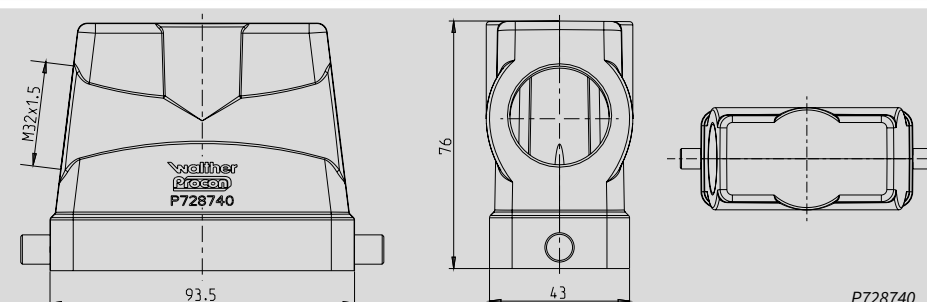
Coupler hoods, aluminum, height 82 mm
with single locking lever,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



Hoods, aluminum, height 65 mm
with single locking lever,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



Hoods, aluminum, height 76 mm
with single locking lever,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

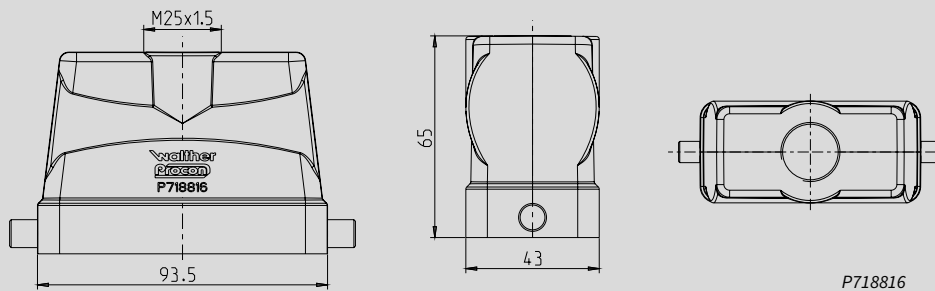
Housings for series B16, BA6, BB32, D40, DD72 and MOB16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B16 BA6 BB32 D40 DD72 MOB16		10 143 193	714416 714416AL				7 8
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25 2 x M 25 1 x M 32	10 199 195 196	P713816 P71381600 P713916	710939 710939 710940	719630 719630 719631		9 10 11
B16 BA6 BB32 D40 DD72 MOB16	1 x M 32 2 x M 32 1 x M 40	10 221 211 219	P753972 P75397200 P75397240	710940 710940 710941	719631 719631 719632		Housings B6/ BB10/DD24/MO6 Housings B10/ BB18/DD42/MO10 Housings B16/ BB32/BA6/D40/ DD72/MO16
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25 1 x M 32	10 171 167	P718616 P718716	710939 710940	719630 710931		Housings B24/ BB46/D64/ DD108/MO24 Housings B32/ BA12/BB64/D80/ DD144/2xMO16
B16 BA6 BB32 D40 DD72 MOB16	1 x M 32 1 x M 40	10 193 187	P728740 P72874040	710940 710941	719631 719632		Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

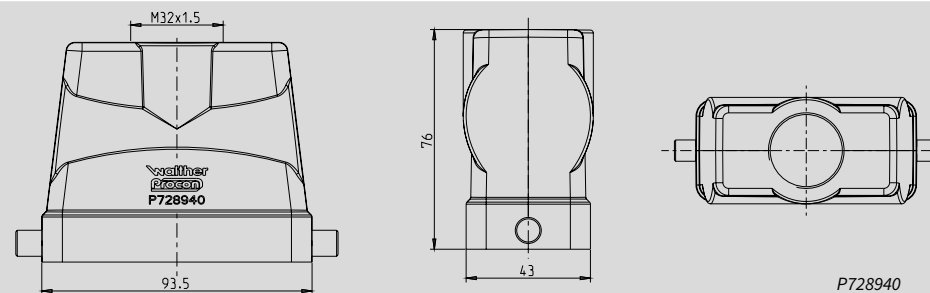
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P718816

Hoods, aluminum, height 65 mm
for single locking lever, top cable entry

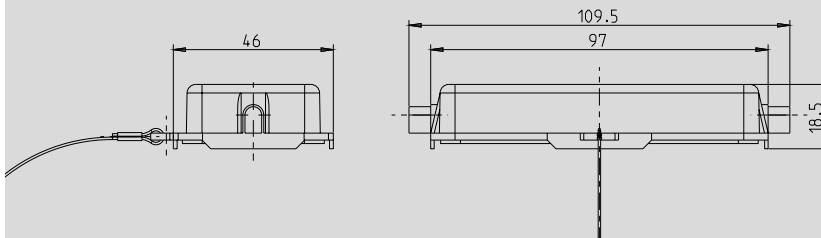
Please order the necessary quantity of collars + cable glands separately.



P728940

Hoods, aluminum, height 76 mm
for single locking lever, top cable entry

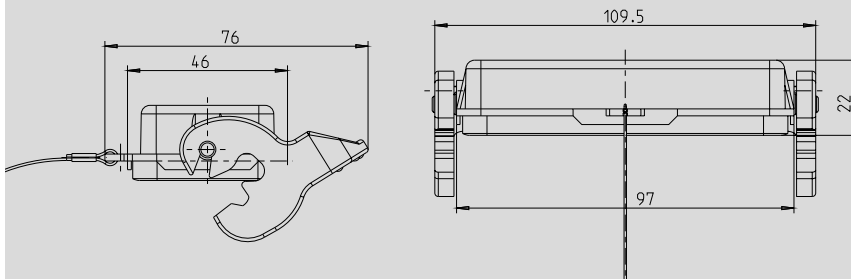
Please order the necessary quantity of collars + cable glands separately.



710634

Protective covers with retaining cord

for housings with single locking lever



710764

Protective covers with single locking lever, with gasket and retaining cord

for hoods with single locking system

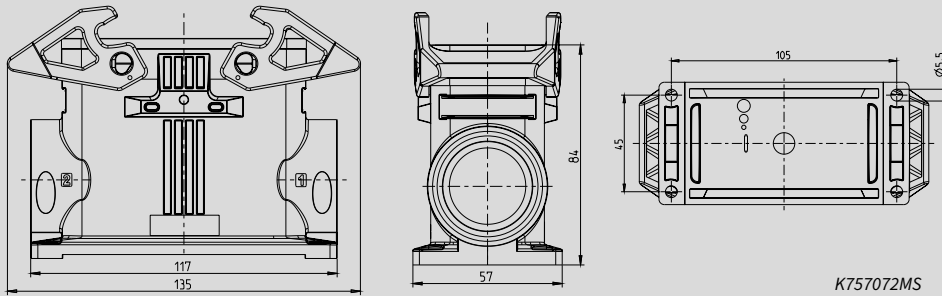
Housings for series B16, BA6, BB32, D40, DD72 and MOB16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B16 BA6 BB32 D40 DD72 MOB16	1 x M 25	10 176	P718816	710939	719630		7
	2 x M 25	172	P71881600	710939	719630		8
	1 x M 32	170	P718916	710940	719631		9
							10
B16 BA6 BB32 D40 DD72 MOB16	1 x M 32	10 195	P728940	710940	719631		11
	2 x M 32	191	P72894000	710940	719631		Housings B6/ BB10/DD24/MO6
	1 x M 40	192	P72894040	710941	719632		Housings B10/ BB18/DD42/MO10
							Housings B16/ BB32/BA6/D40/ DD72/MO16
Plastic, gray		10 26	710634				
Aluminum		79	710634AL				
							Housings B24/ BB46/D64/ DD108/MO24
Plastic, gray		10 54	710764				
Aluminum		138	710764AL				
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

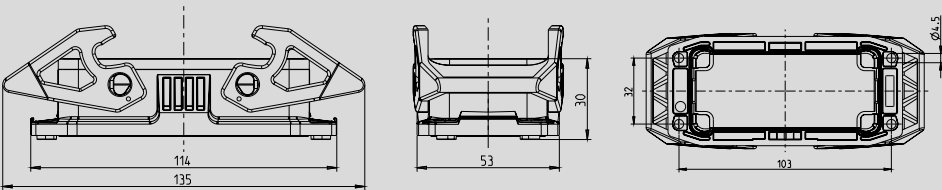
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



K757072MS

Wall mount housings, plastic, height 84 mm
with double locking levers

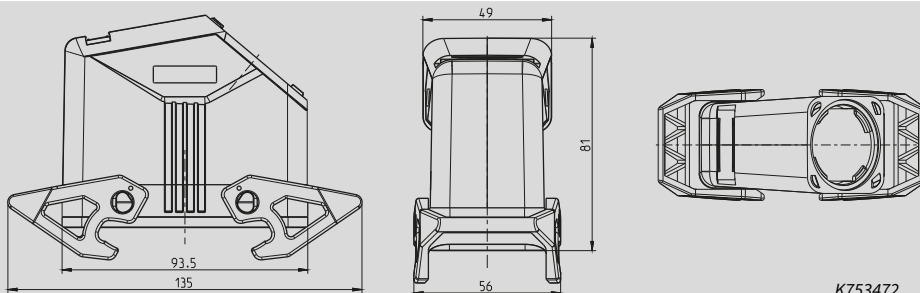
Please order the necessary quantity of glands separately.



K714116

Panel housing, plastic, height 30 mm
with single locking lever

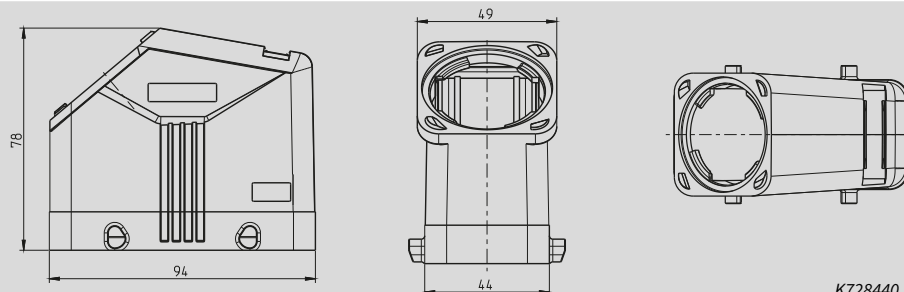
Panel cutout
52 x 35 mm



K753472

Coupler hoods, plastic, height 81 mm
with double locking levers,
prepared for cable entry
from the side or top

Please order the necessary quantity of glands separately.



K728440

Hoods, plastic, height 78 mm
for double locking levers,
prepared for cable entry
from the side or top

Please order the necessary quantity of glands separately.

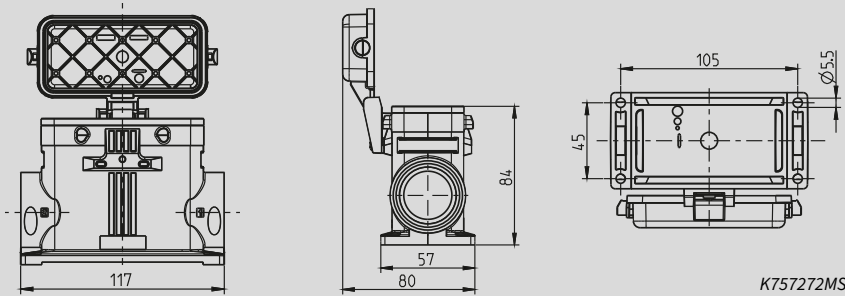
Housings for series B16, BA6, BB32, D40, DD72 and MOB16

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B16 BA6 BB32 D40 DD72 MOB16	2 x M 32	10 184	K757072MS	717650KUSW			7
							8
B16 BA6 BB32 D40 DD72 MOB16		10 93	K714116				9
							10
B16 BA6 BB32 D40 DD72 MOB16	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 128 128 128 128	K753472 K753472 K753472 K753472		727648KUSW 727649KUSW 727650KUSW 727651KUSW		11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
							Housings B16/ BB32/BA6/D40/ DD72/MO16
B16 BA6 BB32 D40 DD72 MOB16	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 98 98 98 98	K728440 K728440 K728440 K728440		727648KUSW 727649KUSW 727650KUSW 727651KUSW		12
							Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

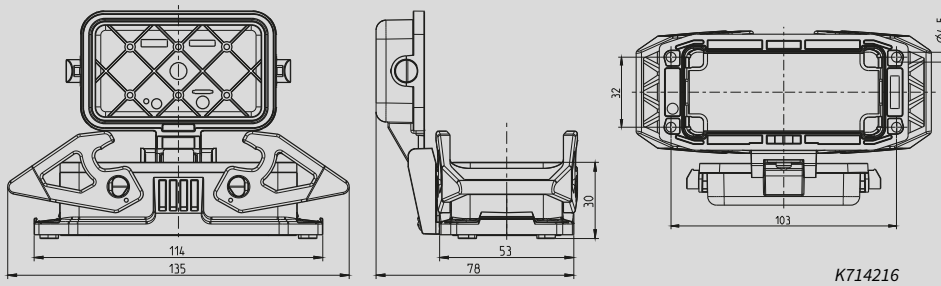
Housings

Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



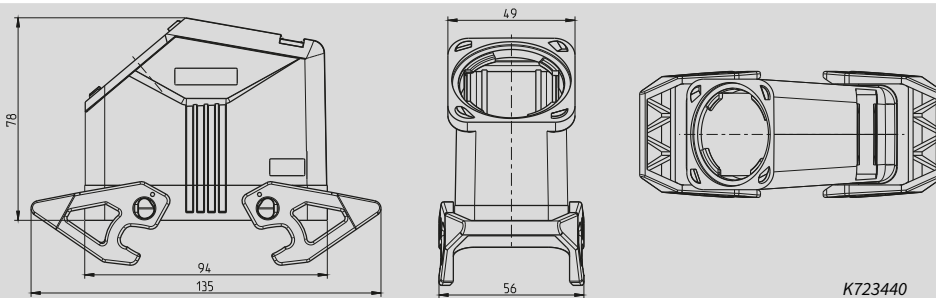
**Wall mount housings, plastic,
height 84 mm**
for double locking levers

*Please order the necessary quantity
of glands separately.*



**Panel housing, plastic,
height 30 mm**
for double locking levers

Panel cutout
65 x 35 mm



**Hoods, plastic,
height 78 mm**
with double locking levers,
prepared for cable entry
from the side or top

*Please order the necessary quantity
of glands separately.*

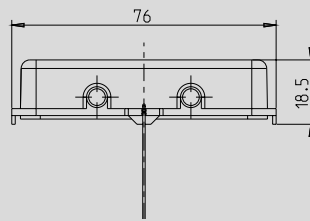
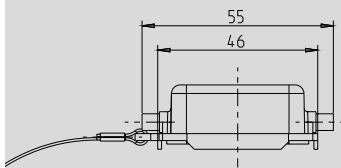
Housings for series B16, BA6, BB32, D40, DD72 and MOB16

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B16 BA6 BB32 D40 DD72 MOB16	2 x M 40	10 190	K757272MS	717651KUSW			7
							8
							9
							10
B16 BA6 BB32 D40 DD72 MOB16		10 104	K714216				11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
B16 BA6 BB32 D40 DD72 MOB16	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 125 125 125 125	K723440 K723440 K723440 K723440		727648KUSW 727649KUSW 727650KUSW 727651KUSW		Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications

Housings

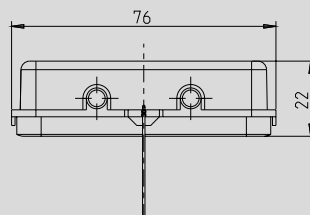
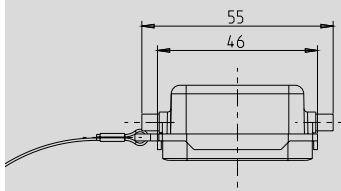
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



710626SW

Protective covers with retaining cord

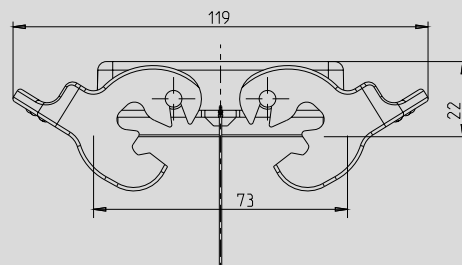
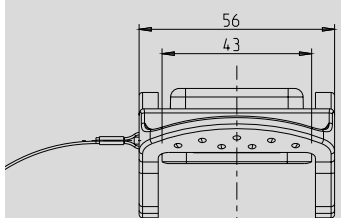
for housings with double locking levers



710757SW

Protective covers with gasket and retaining cord

for hoods with double locking levers



710760SW

Protective covers with gasket and retaining cord

for hoods with latch pins for double locking levers

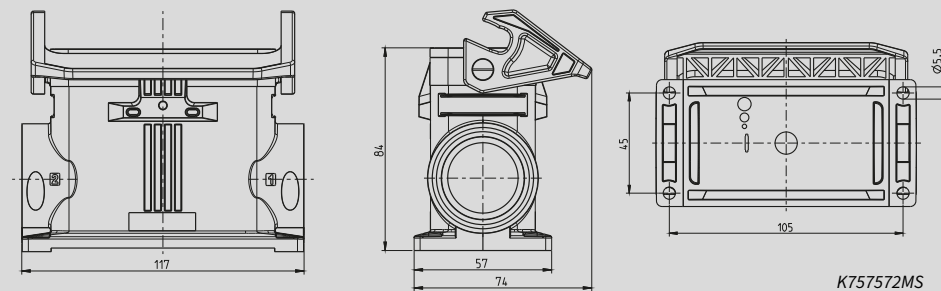
Housings for series B16, BA6, BB32, D40, DD72 and MOB16

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
		10					7
Plastic, black	19		710626SW				8
							9
							10
		10					11
Plastic, black	25		710757SW				Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
		10					Housings B16/ BB32/BA6/D40/ DD72/MO16
Plastic, black	85		710760SW				Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

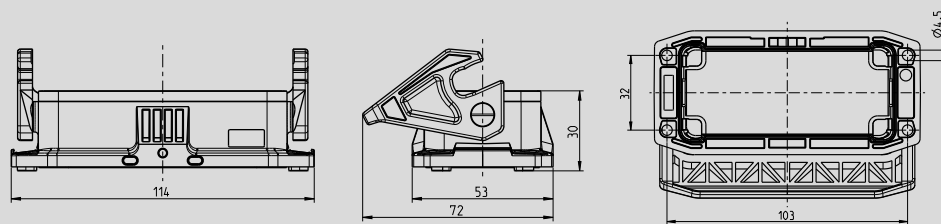
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



K757572MS

Wall mount housings, plastic, height 84 mm
with single locking lever

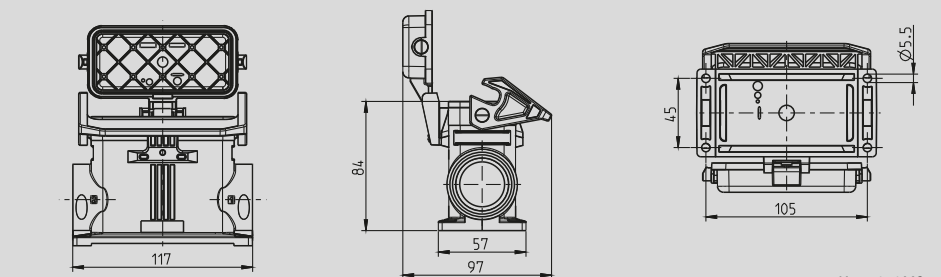
Please order the necessary quantity of glands separately.



K714316

Panel housing, plastic, height 30 mm
with single locking lever

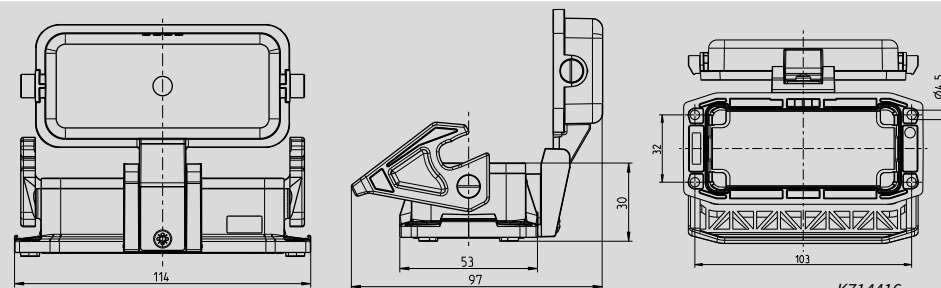
Panel cutout
65 x 35 mm



K757672MS

Wall mount housings, plastic, height 84 mm
with single locking lever,
with hinged lid

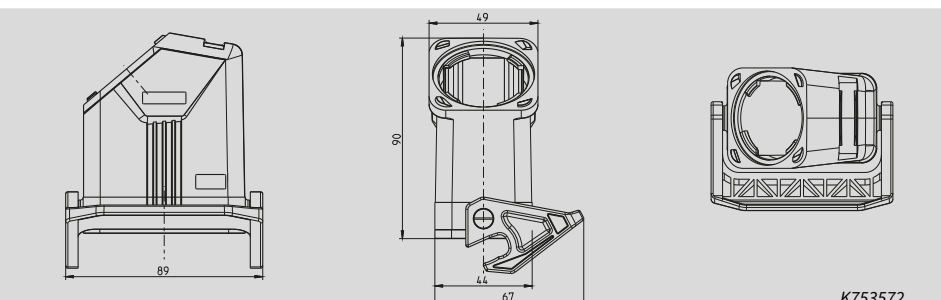
Please order the necessary quantity of glands separately.



K714416

Panel housing, plastic, height 30 mm
with single locking lever,
with hinged lid

Panel cutout
65 x 35 mm



K753572

Coupler hoods, plastic, height 81 mm
with single locking lever,
angled cable entry

Please order the necessary quantity of glands separately.

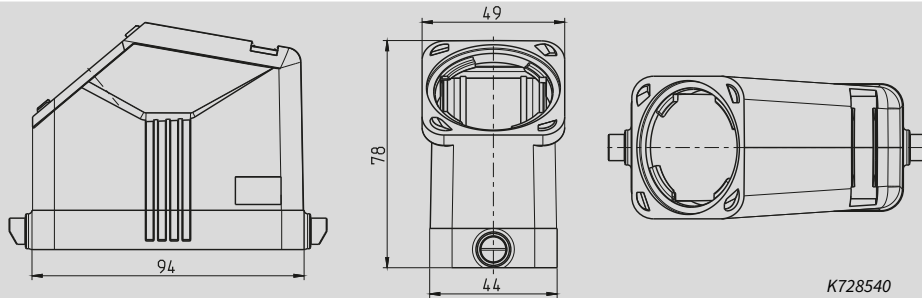
Housings for series B16, BA6, BB32, D40, DD72 and MOB16

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B16 BA6 BB32 D40 DD72 MOB16	2 x M 40	10 185	K757572MS	717651KUSW			7
							8
							9
							10
B16 BA6 BB32 D40 DD72 MOB16		10 93	K714316				11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
B16 BA6 BB32 D40 DD72 MOB16	2 x M 40	10 220	K757672MS	717651KUSW			Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
B16 BA6 BB32 D40 DD72 MOB16		10 117	K714416				Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24
B16 BA6 BB32 D40 DD72 MOB16	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 129 129 129 129	K753572 K753572 K753572 K753572		727648KUSW 727649KUSW 727650KUSW 727651KUSW		

Specifications for housings

Housings

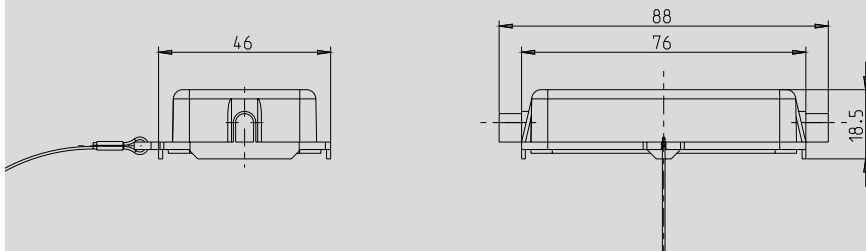
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



K728540

Hoods, plastic, height 78 mm
for single locking lever, side cable entry

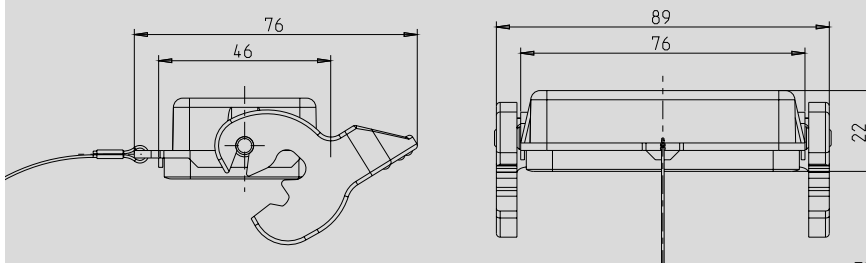
Please order the necessary quantity of glands separately.



710634SW

Protective covers with retaining cord

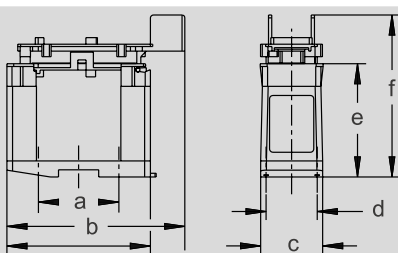
for housings with single locking lever



710764SW

Protective covers with single locking lever, with gasket and retaining cord

for hoods with single locking system



125 mm: adapter module 125
150 mm: adapter module 150

	a	b	c	d	e	f
760010	70	155	54	44.5	98.5	141
760110	100	185	54	44.5	98.5	141

Snap-on mounting adapters, pivoted

adapter module depth 125 mm

adapter module depth 150 mm

mountable on DIN-rails, top can be screwed with bottom

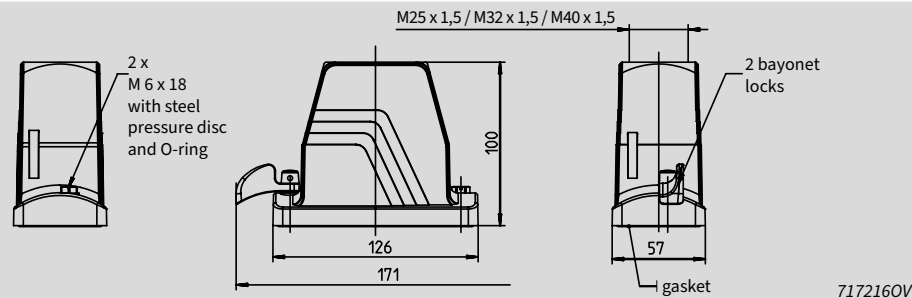
Housings for series B16, BA6, BB32, D40, DD72 and MOB16

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Single locking system	
			Part no.:	Part no.:	Part no.:		1
							2
							3
							4
							5
							6
B16 BA6 BB32 D40 DD72 MOB16	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 101 101 101 101	K728540 K728540 K728540 K728540		727648KUSW 727649KUSW 727650KUSW 727651KUSW		7
							8
							9
							10
							11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
Plastic, black		10 18	710634SW				Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
Plastic, black		10 84	710764SW				Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24
for 1 insert		5 207	760010				
for 1 insert		227	760110				

Specifications for housings

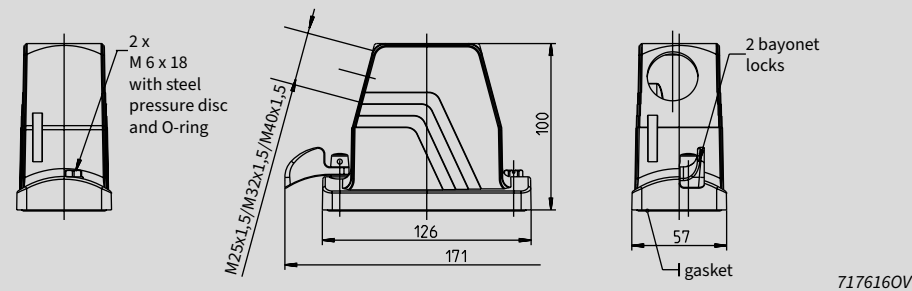
Housings

Material: Aluminum die cast
 Surface: Powder coated
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



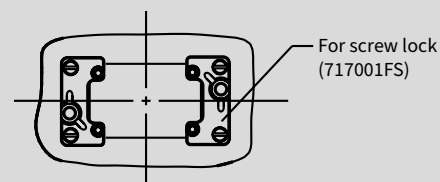
**Hoods, aluminum,
height 100 mm
top cable entry**

*Please order the necessary quantity
of glands separately.*



**Hoods, aluminum,
height 100 mm
side cable entry**

*Please order the necessary quantity
of glands separately.*



Flange installation:

1 pc. **flange set** has to be ordered separately:
717001FS for screw-mountable hoods

Accessories for screw mountable hoods:

Flange set, zinc,
with 2 flanges, 4 screws,
4 serrated lock washers.
Female / male inserts are mounted
directly onto the mounting flange -
saves the panel housing!

Protective covers for mounting side

for snapping on with retaining cord,
IP50

Protective covers for mounting side with screw lock

with retaining cord, IP65

Screw-mountable hoods for series B16, BB32, BHT16, BA6, D40, DD72, MOB16

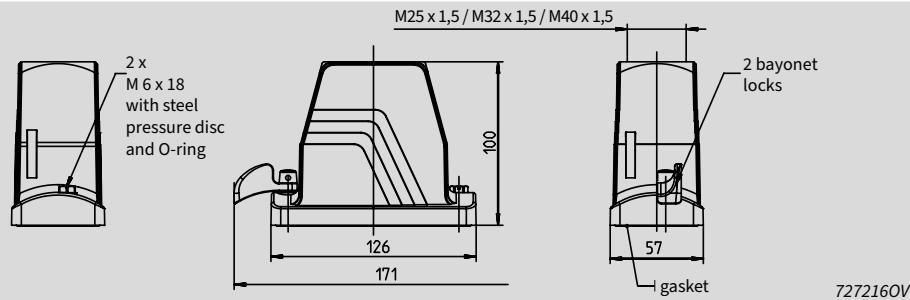
Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Hood: screw-mountable	
			Part no.:	Part no.:	Part no.:		
							
B16 BB32 BHT16 BA6 D40 DD72 MOB16	1 x M 25 1 x M 32	10 344 342	717216OV 717316OV	710639 710640	719630 719631		
B16 BB32 BHT16 BA6 D40 DD72 MOB16	1 x M 25 1 x M 32	10 344 342	717616OV 717716OV	710639 710640	719630 719631		
B16 BB32 BHT16 BA6 D40 DD72 MOB16		1 62	717001FS				
B16 BB32 BHT16 BA6 D40 DD72 MOB16		10 33	717700				
B16 BB32 BHT16 BA6 D40 DD72 MOB16		10 49	717704				

1
2
3
4
5
6
7
8
9
10
11
Housings B6/
BB10/DD24/MO6
Housings B10/
BB18/DD42/MO10
Housings B16/
BB32/BA6/D40/
DD72/MO16
Housings B24/
BB46/D64/
DD108/MO24
Housings B32/
BA12/BB64/D80/
DD144/2xMO16
Housings B48/
BB92/D128
DD216/2xMO24

Specifications for housings

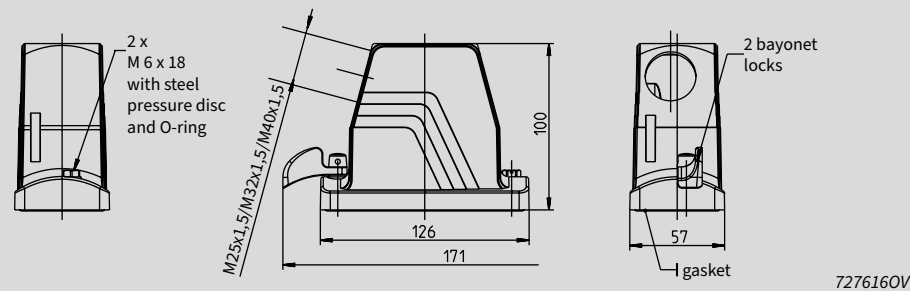
Housings

Material: Aluminum die cast
 Surface: Powder coated
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



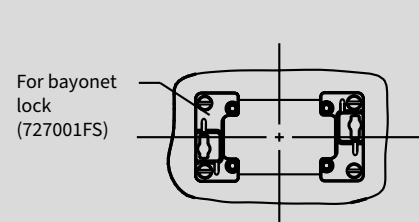
**Hoods, aluminum,
height 100 mm
top cable entry**

*Please order the necessary quantity
of glands separately.*



**Hoods, aluminum,
height 100 mm
side cable entry**

*Please order the necessary quantity
of glands separately.*



For bayonet
lock
(727001FS)

Flange installation:

1 pc. **flange set** has to be ordered separately:
727001FS (for housings with bayonet lock)

**Accessories for hoods
with bayonet lock:**

Flange set, zinc,
with 2 flanges, 4 screws,
4 serrated lock washers.
Female / male inserts are mounted
directly onto the mounting flange -
saves the panel housing!

**Protective covers
for mounting side
with bayonet lock**

with retaining cord, IP65

Hood, bayonet lock, B16, BB32, BHT16, BA6, D40, DD72, MOB16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Hood: Bayonet lock	
			Part no.:	Part no.:	Part no.:		1
							2
							3
							4
							5
							6
B16 BB32 BHT16 BA6 D40 DD72 MOB16	1 x M 25 1 x M 32	10 359 351	727216OV 727316OV	710639 710640	719630 719631		7
							8
							9
							10
B16 BB32 BHT16 BA6 D40 DD72 MOB16	1 x M 25 1 x M 32	10 359 351	727616OV 727716OV	710639 710640	719630 719631		11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
B16 BB32 BHT16 BA6 D40 DD72 MOB16		1 60	727001FS				Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
B16 BB32 BHT16 BA6 D40 DD72 MOB16		10 64	727626				Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

A brief overview of the insert installation options of series B24, BB46, BHT24, D64, DD108 and MOB24

	Screw terminal inserts	Crimp contact carriers	IDC inserts	Push-in inserts	Wiring adapters for panel housings
B24	Female insert with wire protection Part no. 710124  Male insert with wire protection Part no. 710224  Female insert w/o wire protection Part no. 710772  Male insert w/o wire protection Part no. 710776 		Female insert IDC terminal No. 71012401  Male insert IDC terminal No. 71022401 	Female insert push-in terminal No. 71012404  Male insert push-in terminal No. 71022404 	Wiring adapter, female insert earth pin on the right No. 710660  Wiring adapter, male insert earth pin on the right No. 710668  earth pin on the left: No. 710664  earth pin on the left: No. 710672 
BB46		for sleeve contacts No. 710346  for pin contacts No. 710446 			
D64		for sleeve contacts No. 720364  for pin contacts No. 720464 			Female insert, earth pin on the left: No. 720635  Male insert, earth pin on the left: No. 720634 
DD108		for sleeve contacts No. 750108  for pin contacts No. 750208 			
MOB24	Female frame MO B6 for 7 contact carriers for female and male contacts (frame coding A-B) No. 770024 		Male frame MO B6 for 7 contact carriers for female and male contacts (frame coding A-B) No. 770124 		

Contacts for crimp contact carriers of series BB46 see page 60 and DD108 see page 91

Inserts of series MO (modular system)

Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Insert	Contacts
MO	MO 3P coax	3	without	250	-	 Sleeve 771203	 772400 772410
	MO 3P coax	3	without	250	-	 Pin 771303	 772500 772510
	MO 2P	1 + PE	1	1000	80	 Sleeve 771401	
	MO 2P	1 + PE	1	1000	80	 Pin 771501	
	MO 2P	2	1-2	1000	80	 Sleeve 771402	
	MO 2P	2	1-2	1000	80	 Pin 771502	

Housings for series B24, BB46, D64, DD108, MOB24

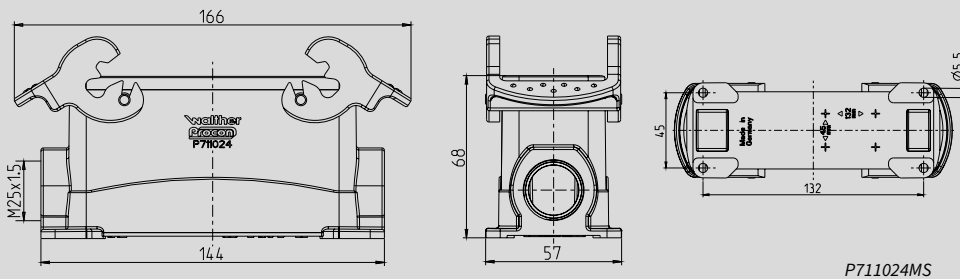
Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Contacts														
MO	MO 3P	3	1 - 3	630	40		Sleeve		1.5 mm ²		2.5 mm ²		4.0 mm ²		6.0 mm ²		10.0 mm ²		1	
	MO 3P	3	1 - 3	630	40		Pin		1.5 mm ²		2.5 mm ²		4.0 mm ²		6.0 mm ²		10.0 mm ²		2	
	MO 3.1P	3	1 - 3	1000	50		Sleeve		1.5 mm ²		2.5 mm ²		4.0 mm ²		6.0 mm ²		10.0 mm ²		3	
	MO 3.1P	3	1 - 3	1000	50		Pin		1.5 mm ²		2.5 mm ²		4.0 mm ²		6.0 mm ²		10.0 mm ²		4	
	MO 4P	4	1 - 4	630	25		Sleeve		0.14 - 0.37 mm ²		0.5 mm ²		0.75 mm ²		1.0 mm ²		1.5 mm ²		2.5 mm ²	5
	MO 4P	4	1 - 4	630	25		Pin		0.14 - 0.37 mm ²		0.5 mm ²		0.75 mm ²		1.0 mm ²		1.5 mm ²		2.5 mm ²	6
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Sleeve		0.5 - 1.5 mm ²		1.5 - 2.5 mm ²		2.5 - 4.0 mm ²							7
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Pin		0.5 - 1.5 mm ²		1.5 - 2.5 mm ²		2.5 - 4.0 mm ²							8
	MO 5.1P	5	1 - 5	1000	16		Sleeve		0.5 - 1.5 mm ²		1.5 - 2.5 mm ²		2.5 - 4.0 mm ²							9
	MO 5.1P	5	1 - 5	1000	16		Pin		0.5 - 1.5 mm ²		1.5 - 2.5 mm ²		2.5 - 4.0 mm ²							10
	MO 5P	5	1 - 5	400	20		Sleeve		0.5 mm ²		0.75 - 1 mm ²		1.5 mm ²		2.5 mm ²		4.0 mm ²			11
	MO 5P	5	1 - 5	400	20		Pin		0.5 mm ²		0.75 - 1 mm ²		1.5 mm ²		2.5 mm ²		4.0 mm ²			Housings B6/ BB10/DD24/MO6
	MO 10P	10	1 - 10	250	10		Sleeve		0.14 - 0.37 mm ²		0.5 mm ²		0.75 - 1 mm ²		1.5 mm ²		2.5 mm ²		LWL	Housings B6/ BB10/DD24/MO6
	MO 10P	10	1 - 10	250	10		Pin		0.14 - 0.37 mm ²		0.5 mm ²		0.75 - 1 mm ²		1.5 mm ²		2.5 mm ²		LWL	Housings B10/ BB18/DD42/MO10
	MO 20P	20	1 - 20	63	5		Sleeve		0.09 - 0.25 mm ²		0.25 - 0.5 mm ²									Housings B10/ BB18/DD42/MO10
	MO 20P	20	1 - 20	63	5		Pin		0.09 - 0.25 mm ²		0.25 - 0.5 mm ²									Housings B16/ BB32/BA6/D40/ DD72/MO16
	MO RJ45	4 + 8		400	13		Sleeve		0.14 - 0.37 mm ²		0.5 mm ²		0.75 - 1 mm ²		1.5 mm ²		2.5 mm ²		LWL	Housings B16/ BB32/BA6/D40/ DD72/MO16
	MO RJ45	4 + 8		400	13		Pin		0.14 - 0.37 mm ²		0.5 mm ²		0.75 - 1 mm ²		1.5 mm ²		2.5 mm ²		LWL	Housings B16/ BB32/BA6/D40/ DD72/MO16
	MO RJ45	8					RJ45	720545												Housings B24/ BB46/D64/ DD108/MO24
	MO Universal bus	4 + *		30	1		Sleeve													Housings B24/ BB46/D64/ DD108/MO24
	MO Universal bus	4 + *		30	1		Pin													Housings B24/ BB46/D64/ DD108/MO24
	MO DP Profi bus	2/4 + *		30	1		Sleeve													Housings B32/ BA12/BB64/D80/ DD144/2xMO16
	MO DP Profi bus	2/4 + *		30	1		Pin													Housings B32/ BA12/BB64/D80/ DD144/2xMO16
	MO 1P Pneu	1 + 2		8 bar			Sleeve													Housings B48/ BB92/D128 DD216/2xMO24
	MO 1P Pneu	1 + 2		8 bar			Pin													Housings B48/ BB92/D128 DD216/2xMO24
	MO 0						Sleeve													
	MO 0						Pin													

* shielding

Specifications for housings

Housings

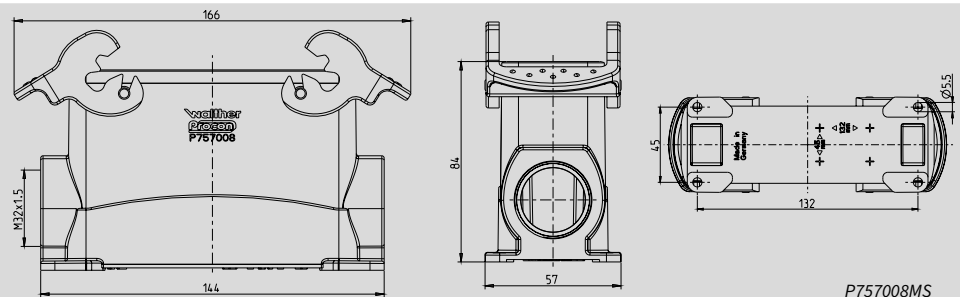
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P711024MS

Wall mount housings, aluminum, height 68 mm
with double locking levers

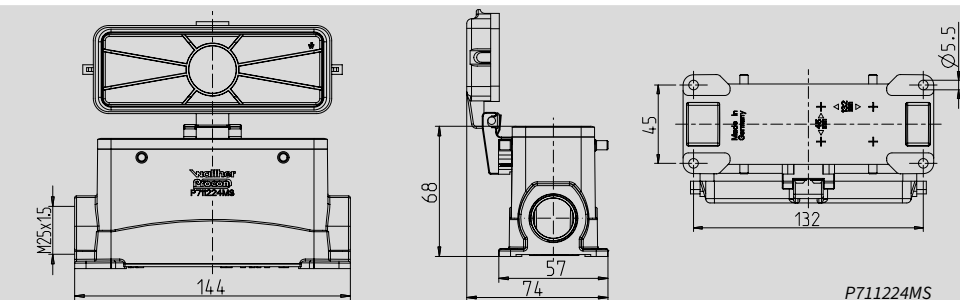
Please order the necessary quantity of glands separately.



P757008MS

Wall mount housings, aluminum, height 84 mm
with double locking levers

Please order the necessary quantity of glands separately.

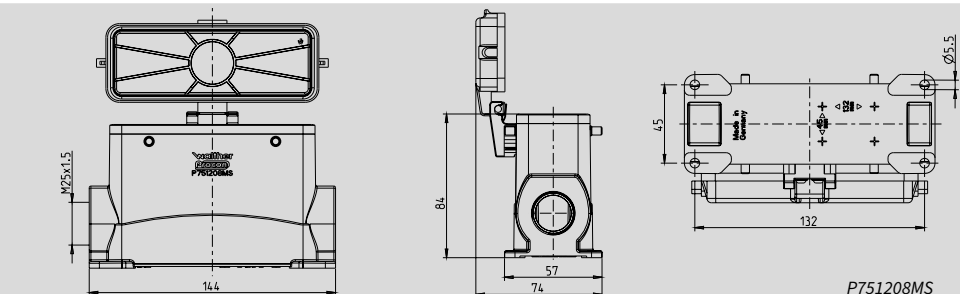


P711224MS

Wall mount housings, aluminum, height 68 mm
for double locking levers,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid

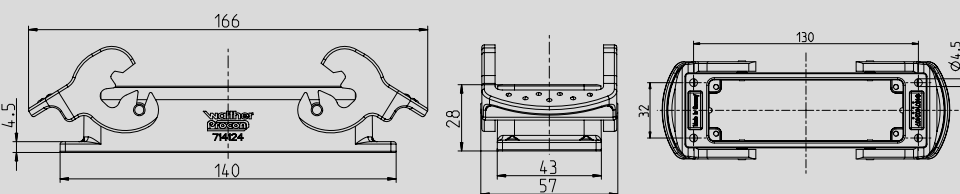


P751208MS

Wall mount housings, aluminum, height 84 mm
for double locking levers,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid



714124

Panel housing, aluminum, height 28 mm
with double locking levers

Panel cutout
112 x 35 mm

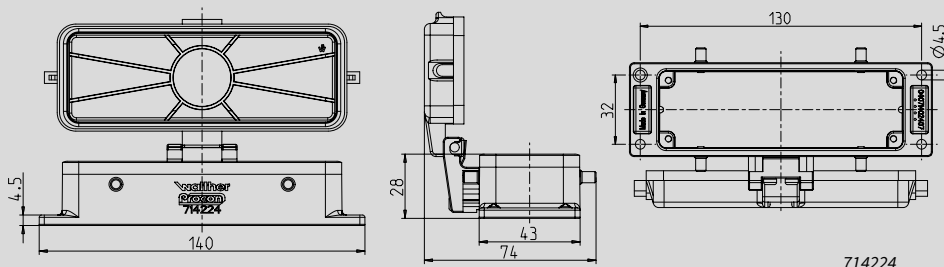
Housings for series B24, BB46, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B24 BB46 D64 DD108 MOB24	1 x M 25	10 398	P711024MS		717638		7
	2 x M 25	391	P711124MS		717638		8
							9
							10
B24 BB46 D64 DD108 MOB24	1 x M 32	10 483	P757008MS		717639		11
	2 x M 32	479	P757108MS		717639		Housings B6/ BB10/DD24/MO6
	1 x M 40	461	P75700840MS		717640		Housings B10/ BB18/DD42/MO10
	2 x M 40	432	P75710840MS		717640		
B24 BB46 D64 DD108 MOB24	1 x M 25	10 403	P711224MS		717638		
	1 x M 25	454	P711224MSAL		717638		Housings B16/ BB32/BA6/D40/ DD72/MO16
	2 x M 25	404	P711324MS		717638		
	2 x M 25	455	P711324MSAL		717638		
B24 BB46 D64 DD108 MOB24	1 x M 25	10 542	P751208MS		717638		Housings B24/ BB46/D64/ DD108/MO24
	1 x M 25	593	P751208MSAL		717638		
	2 x M 25	539	P751308MS		717638		
	2 x M 25	590	P751308MSAL		717638		
	1 x M 32	501	P757208MS		717639		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
	1 x M 32	552	P757208MSAL		717639		
	2 x M 32	505	P757308MS		717639		
	2 x M 32	556	P757308MSAL		717639		
B24 BB46 D64 DD108 MOB24		10 123	714124				Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)

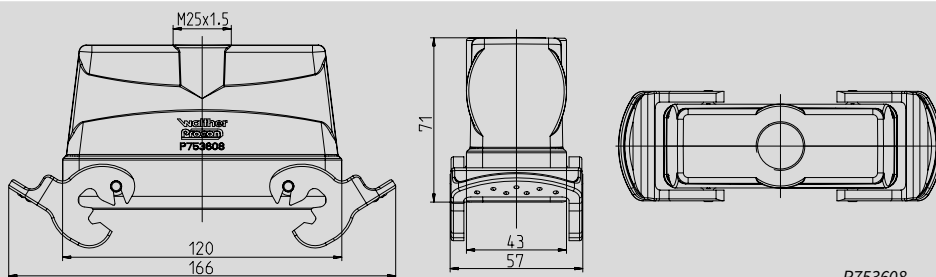


P714224

Panel housings, aluminum, height 28 mm
for double locking levers,
with plastic hinged lid

Panel cutout
112 x 35 mm

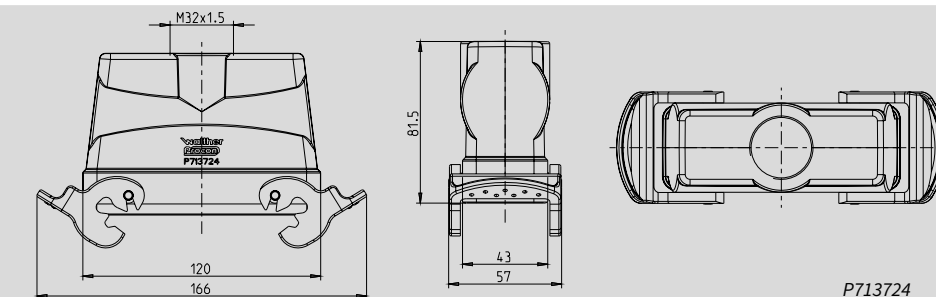
AL = aluminum hinged lid



P753608

Coupler hoods, aluminum, height 71 mm
with double locking levers,
top cable entry

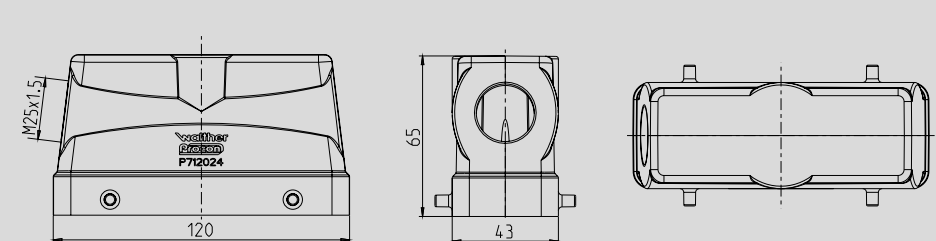
*Please order the necessary quantity
of collars + cable glands separately.*



P713724

Coupler hoods, aluminum, height 81.5 mm
with double locking levers,
top cable entry

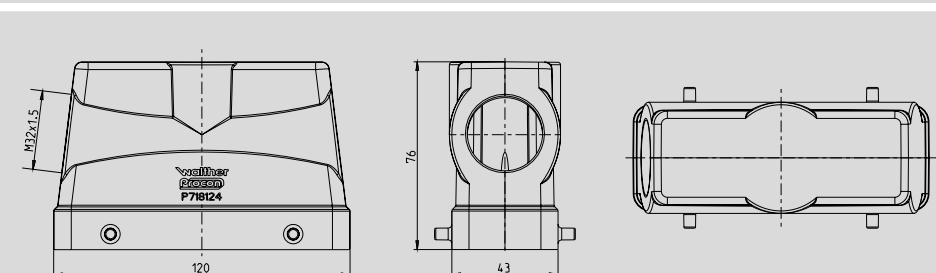
*Please order the necessary quantity
of collars + cable glands separately.*



P712024

Hoods, aluminum, height 65 mm
for double locking levers,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



P718124

Hoods, aluminum, height 76 mm
for double locking levers,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

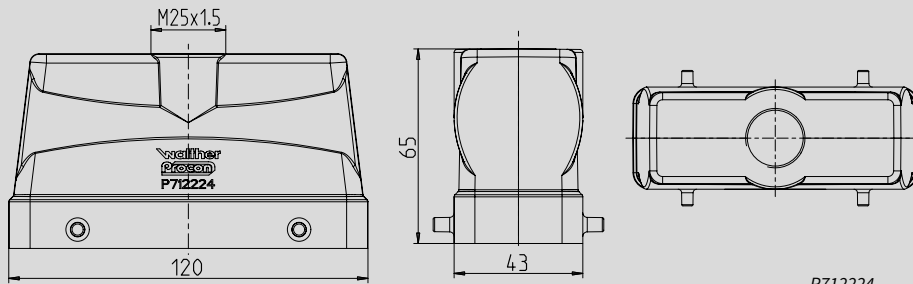
Housings for series B24, BB46, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1 2 3 4 5 6 7 8 9 10 11
			Part no.:	Part no.:	Part no.:		
							
B24 BB46 D64 DD108 MOB24		10 142 195	714224 714224AL				
B24 BB46 D64 DD108 MOB24	1 x M 25 2 x M 25 1 x M 32	10 235 232 232	P753608 P75360800 P753708	710939 710939 710940	719630 719630 719631		Housings B6/ BB10/DD24/MO6
B24 BB46 D64 DD108 MOB24	1 x M 32 2 x M 32 1 x M 40	10 270 230 229	P713724 P71372400 P71372440	710940 710940 710941	719631 719631 719632		Housings B10/ BB18/DD42/MO10
B24 BB46 D64 DD108 MOB24	1 x M 25 1 x M 32	10 202 175	P712024 P712124	710939 710940	719630 719631		Housings B16/ BB32/BA6/D40/ DD72/MO16
B24 BB46 D64 DD108 MOB24	1 x M 32 1 x M 40	10 218 211	P718124 P71812440	710940 710941	719631 719632		Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

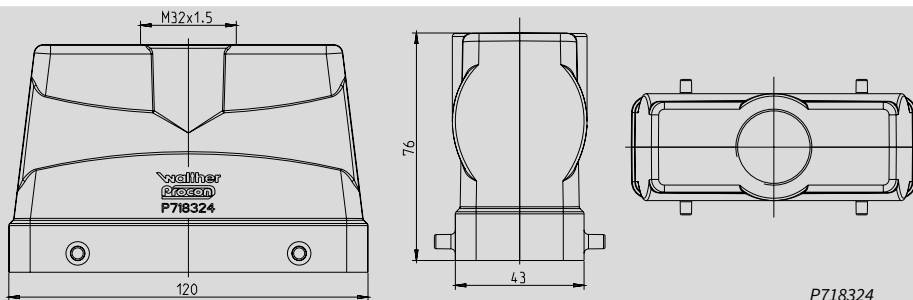
Housings

Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



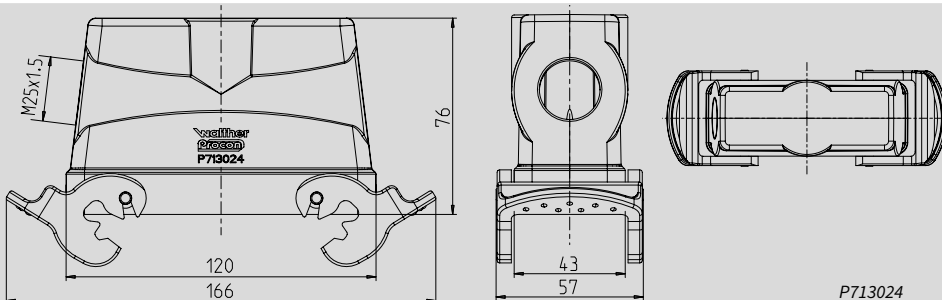
Hoods, aluminum, height 65 mm
for double locking levers,
top cable entry

Please order the necessary quantity of collars + cable glands separately.



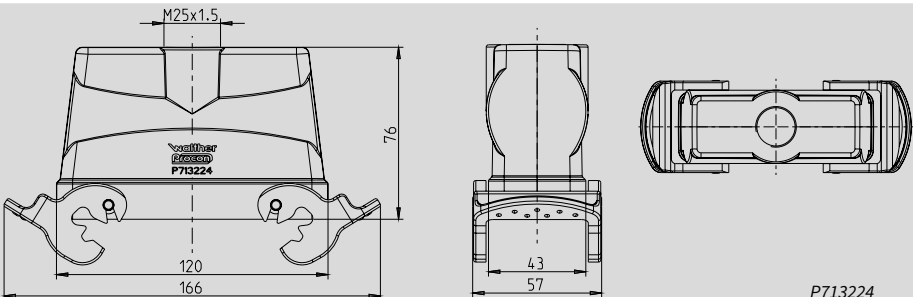
Hoods, aluminum, height 76 mm
for double locking levers,
top cable entry

Please order the necessary quantity of collars + cable glands separately.



Hoods, aluminum, height 76 mm
with double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.



Hoods, aluminum, height 76 mm
with double locking levers,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

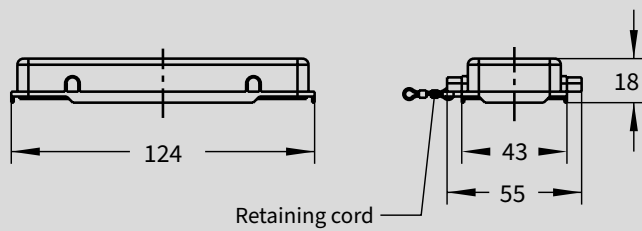
Housings for series B24, BB46, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:	2	
							3
							4
							5
							6
B24 BB46 D64 DD108 MOB24	1 x M 25	10 199	P712224	710939	719630		7
	2 x M 25	188	P71222400	710939	719630		8
	1 x M 32	191	P712324	710940	719631		9
							10
B24 BB46 D64 DD108 MOB24	1 x M 32	10 225	P718324	710940	719631		11
	2 x M 32	217	P71832400	710940	719631		Housings B6/ BB10/DD24/MO6
	1 x M 40	218	P71832440	710941	719632		Housings B10/ BB18/DD42/MO10
B24 BB46 D64 DD108 MOB24	1 x M 25	10 261	P713024	710939	719630		Housings B16/ BB32/BA6/D40/ DD72/MO16
	1 x M 32	246	P713124	710940	719631		Housings B24/ BB46/D64/ DD108/MO24
B24 BB46 D64 DD108 MOB24	1 x M 25	10 261	P713224	710939	719630		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
	2 x M 25	258	P71322400	710939	719630		Housings B48/ BB92/D128 DD216/2xMO24
	1 x M 32	260	P713324	710940	719631		
	2 x M 32	255	P71332400	710940	719631		

Specifications for housings

Housings

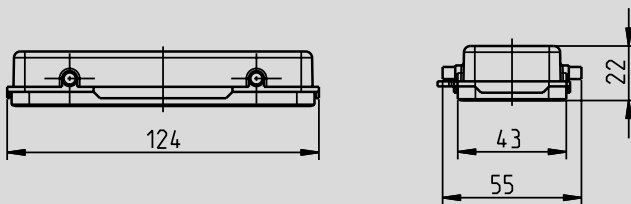
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



710628

Protective covers with retaining cord

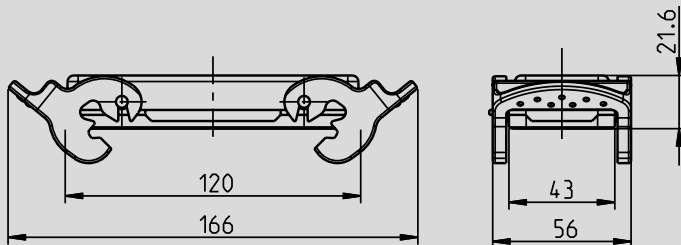
for housings with double locking levers



710758

Protective covers with gasket and retaining cord

for hoods with double locking levers



710761

Protective covers with gasket and retaining cord

for hoods with latch pins for double locking system

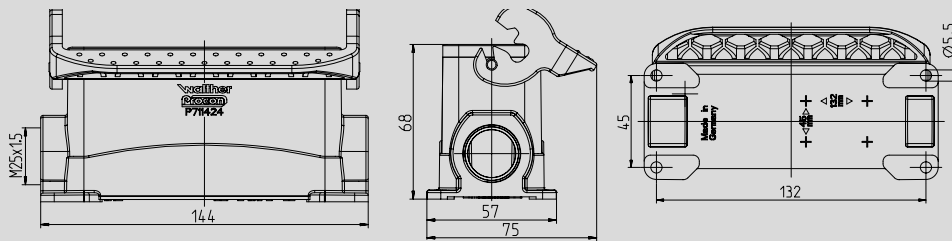
Housings for series B24, BB46, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
		10					7
Plastic, gray	15		710626				8
Aluminum	55		710626AL				9
							10
		10					11
Plastic, gray	20		710757				Housings B6/ BB10/DD24/MO6
Aluminum	60		710757AL				Housings B10/ BB18/DD42/MO10
							Housings B16/ BB32/BA6/D40/ DD72/MO16
Plastic, gray	80		710760				Housings B24/ BB46/D64/ DD108/MO24
Aluminum	120		710760AL				Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

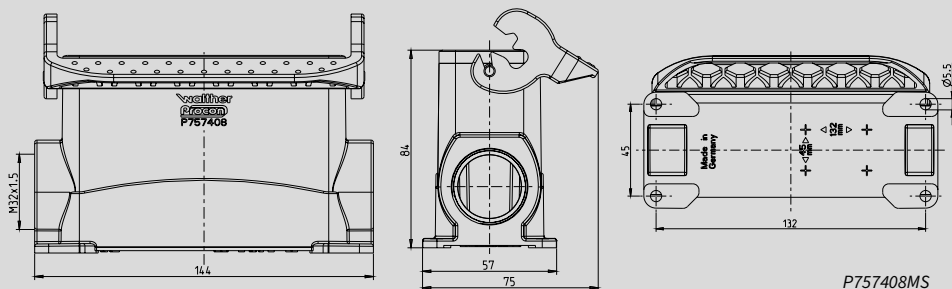
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P711424MS

Wall mount housings, aluminum, height 68 mm
with single locking lever,

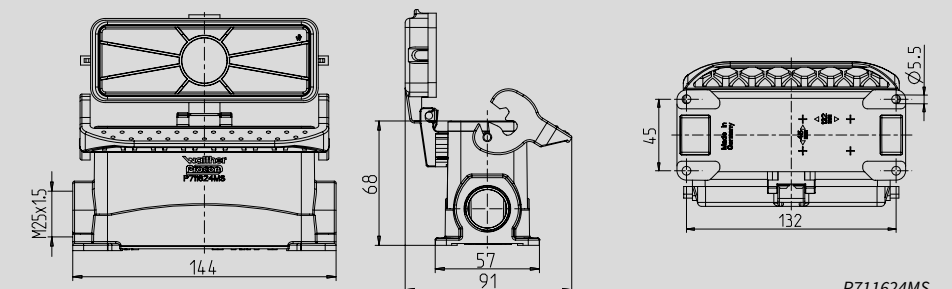
Please order the necessary quantity of glands separately.



P757408MS

Wall mount housings, aluminum, height 84 mm
with single locking lever,

Please order the necessary quantity of glands separately.

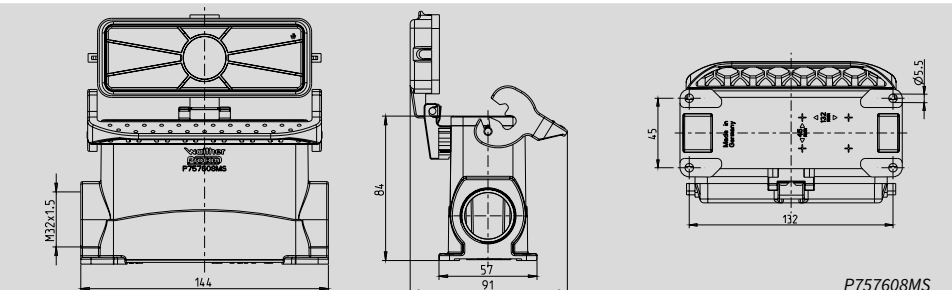


P711624MS

Wall mount housings, aluminum, height 68 mm
with single locking lever,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid

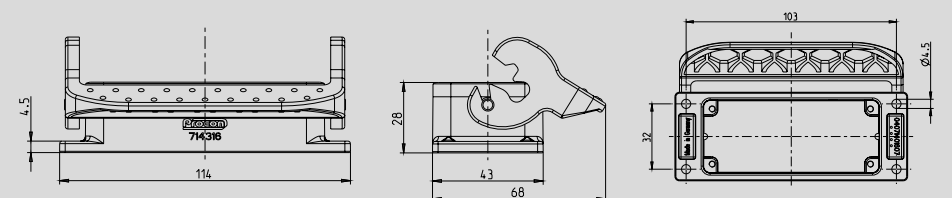


P757608MS

Wall mount housings, aluminum, height 84 mm
with single locking lever,
with plastic hinged lid

Please order the necessary quantity of glands separately.

AL = aluminum hinged lid



714324

Panel housing, aluminum, height 28 mm
with single locking lever

Panel cutout
86 x 35 mm

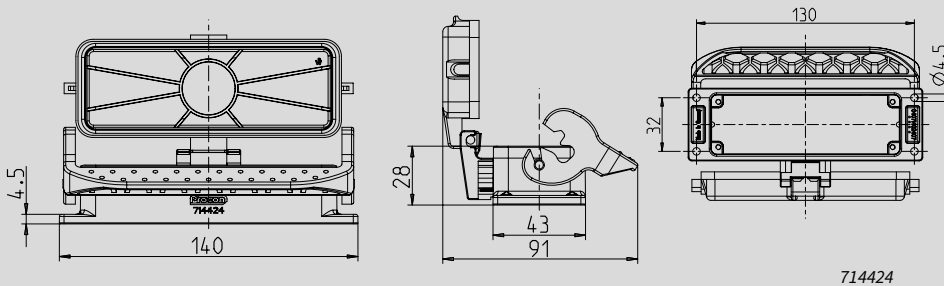
Housings for series B24, BB46, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
							7
B24 BB46 D64 DD108 MOB24	1 x M 25 2 x M 25	10 260 257	P711424MS P711524MS		717638 717638		8
							9
							10
B24 BB46 D64 DD108 MOB24	1 x M 32 2 x M 32 1 x M 40 2 x M 40	10 488 483 461 432	P757408MS P757508MS P75740840MS P75750840MS		717639 717639 717640 717640		11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
B24 BB46 D64 DD108 MOB24	1 x M 25 1 x M 25 2 x M 25 2 x M 25	10 431 481 443 493	P711624MS P711624MSAL P711724MS P711724MSAL		717638 717638 717638 717638		Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
B24 BB46 D64 DD108 MOB24	1 x M 32 1 x M 32 2 x M 32 2 x M 32 1 x M 40 1 x M 40 2 x M 40 2 x M 40	10 522 572 515 565 510 560 481 531	P757608MS P757608MSAL P757708MS P757708MSAL P75760840MS P75760840MSAL P75770840MS P75770840MSAL		717639 717639 717639 717639 717640 717640 717640 717640		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24
B24 BB46 D64 DD108 MOB24		10 119	714324				

Specifications for housings

Housings

Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)

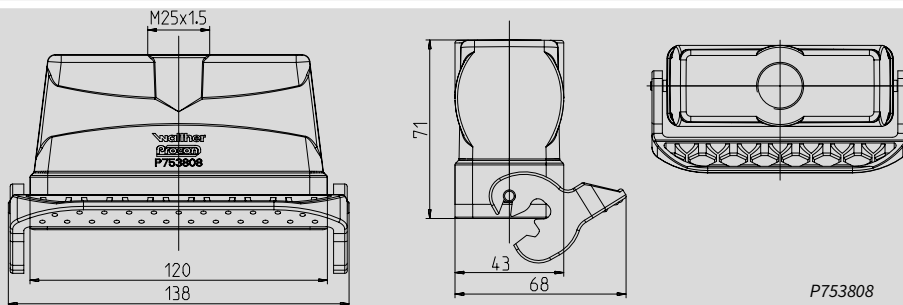


Panel housings, aluminum, height 28 mm
with single locking lever,
with plastic hinged lid

Panel cutout
65 x 35 mm

AL = aluminum hinged lid

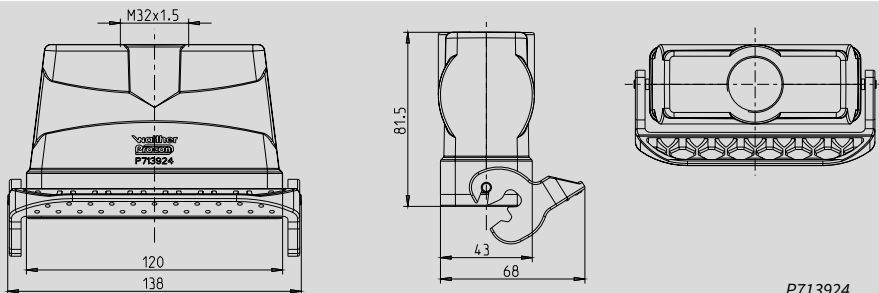
714424



Coupler hoods, aluminum, height 71 mm
with single locking lever,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

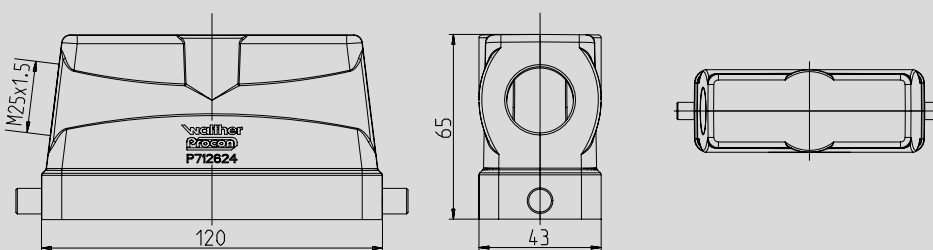
P753808



Coupler hoods, aluminum, height 81.5 mm
with single locking lever,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

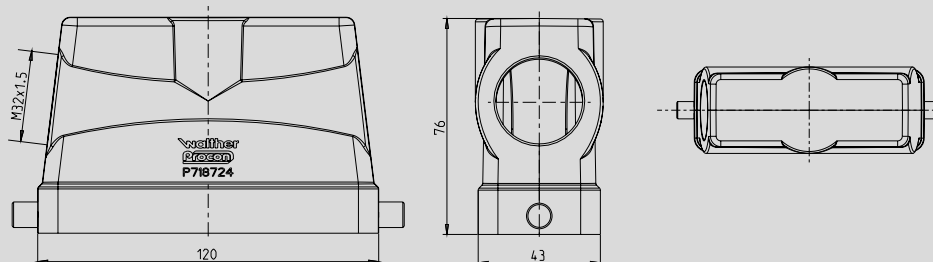
P713924



Hoods, aluminum, height 65 mm
with single locking lever,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

P712624



Hoods, aluminum, height 76 mm
with single locking lever,
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

P718724

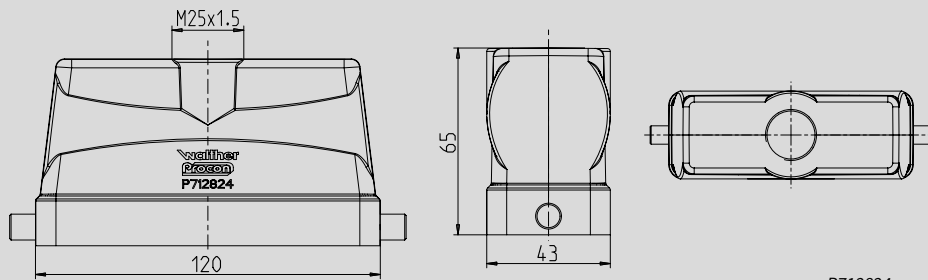
Housings for series B24, BB46, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B24 BB46 D64 DD108 MOB24		10					7
		167	714424				8
		230	714424AL				9
							10
B24 BB46 D64 DD108 MOB24	1 x M 25	10	P753808	710939	719630		11
	2 x M 25	236	P75380800	710939	719630		Housings B6/ BB10/DD24/MO6
	1 x M 32	232	P753908	710940	719631		Housings B10/ BB18/DD42/MO10
		234					
B24 BB46 D64 DD108 MOB24	1 x M 32	10	P713924	710940	719631		Housings B16/ BB32/BA6/D40/ DD72/MO16
	2 x M 32	260	P71392400	710940	719631		
	1 x M 40	255	P71392440	710941	719632		Housings B24/ BB46/D64/ DD108/MO24
		258					
B24 BB46 D64 DD108 MOB24	1 x M 25	10	P712624	710939	719630		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
	1 x M 32	207	P712724	710940	710931		
		208					
B24 BB46 D64 DD108 MOB24	1 x M 32	10	P718724	710940	719631		Housings B48/ BB92/D128 DD216/2xMO24
	1 x M 40	233	P71872440	710941	719632		
		218					

Specifications for housings

Housings

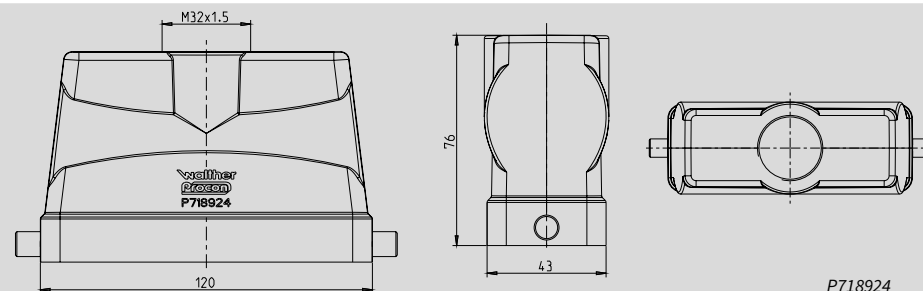
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



Hoods, aluminum, height 65 mm
for single locking lever,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

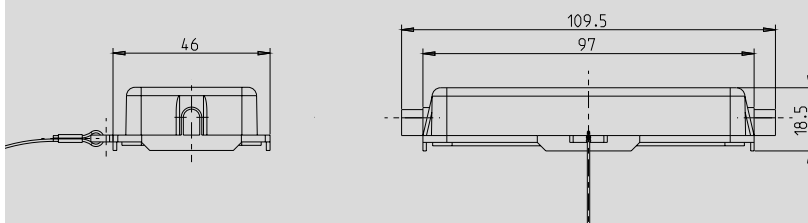
P712824



Hoods, aluminum, height 76 mm
for single locking lever,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

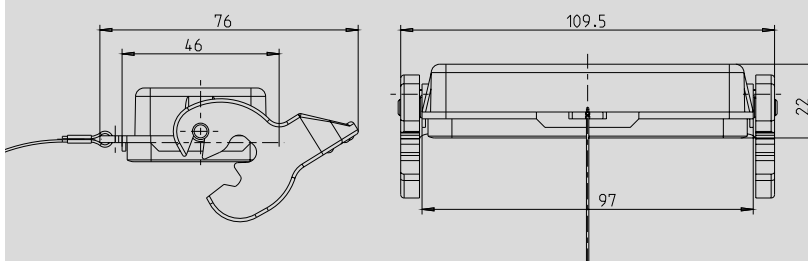
P718924



Protective covers with retaining cord

for housings with single locking lever

710636



Protective covers with single locking lever, with gasket and retaining cord

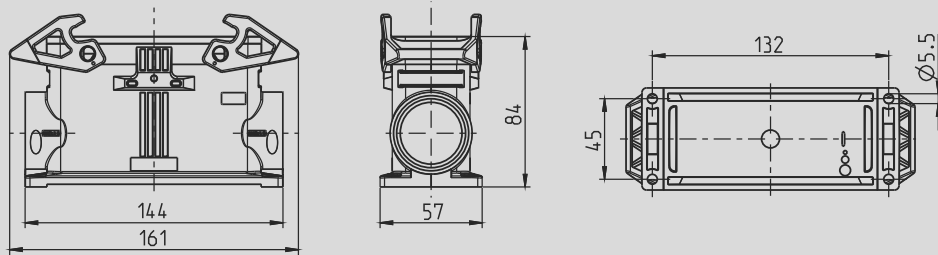
for hoods with single locking system

710765

Housings for series B24, BB46, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1 2 3 4 5 6 7 8 9 10 11
			Part no.:	Part no.:	Part no.:		
							
B24 BB46 D64 DD108 MOB24	1 x M 25	10 208	P712824	710939	719630		
	2 x M 25	204	P71282400	710939	719630		
B24 BB46 D64 DD108 MOB24	1 x M 32	10 230	P718924	710940	719631		
	2 x M 32	226	P71892400	710940	719631		Housings B6/ BB10/DD24/MO6
	1 x M 40	225	P71892440	710941	719632		Housings B10/ BB18/DD42/MO10
Plastic, gray Aluminum		10 25 79	710636 710636AL				Housings B16/ BB32/BA6/D40/ DD72/MO16
Plastic, gray Aluminum		10 54 138	710765 710765AL				Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

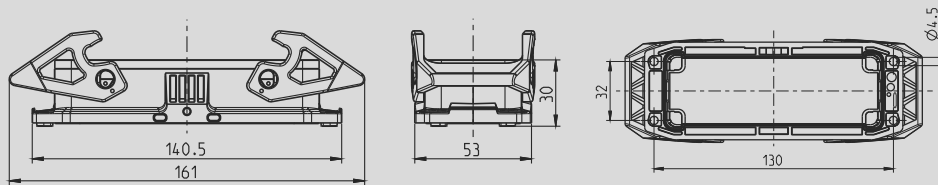
Specifications for housings



K757108MS

**Wall mount housings, plastic,
height 84 mm**
with double locking levers

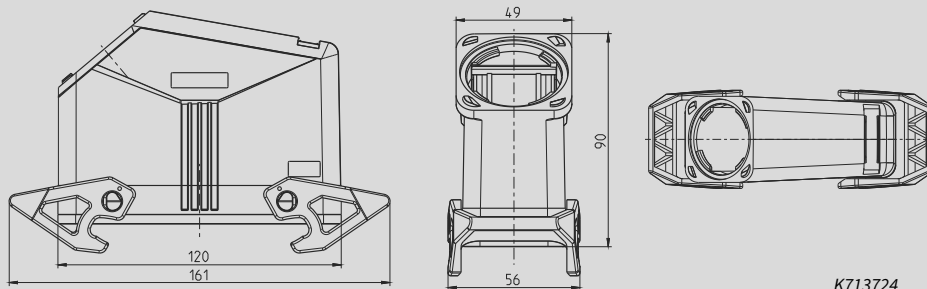
*Please order the necessary quantity
of glands separately.*



K714124

**Panel housing, plastic,
height 30 mm**
with single locking lever

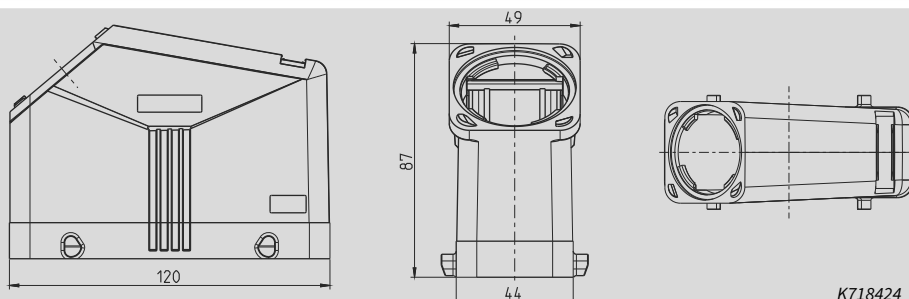
Panel cutout
52 x 35 mm



K713724

**Coupler hoods, plastic,
height 90 mm**
with double locking levers,
prepared for cable entry
from the side or top

*Please order the necessary quantity
of glands separately.*



K718424

**Coupler hoods, plastic,
height 87 mm**
for double locking levers,
prepared for cable entry
from the side or top

*Please order the necessary quantity
of glands separately.*

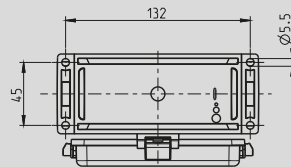
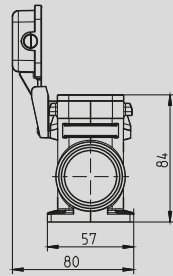
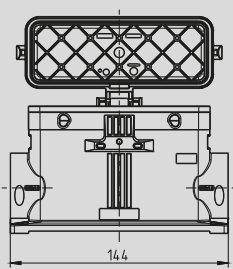
Housings for series B24, BB46, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B24 BB46 D64 DD108 MOB24	2 x M 40	10 213	K757108MS	717651KUSW			7
							8
							9
							10
B24 BB46 D64 DD108 MOB24		10 108	K714124				11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
B24 BB46 D64 DD108 MOB24	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 166 166 166 166	K713724 K713724 K713724 K713724		727648KUSW 727649KUSW 727650KUSW 727651KUSW		Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
B24 BB46 D64 DD108 MOB24	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 139 139 139 139	K718424 K718424 K718424 K718424		727648KUSW 727649KUSW 727650KUSW 727651KUSW		Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

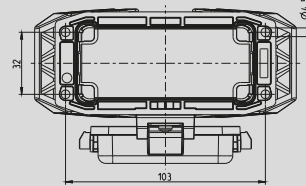
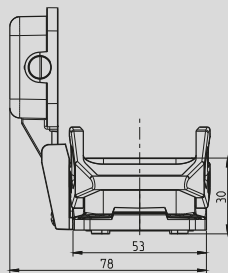
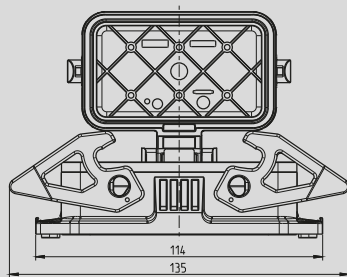
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



K757208MS

Wall mount housings, plastic, height 84 mm
for double locking levers

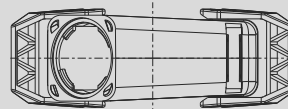
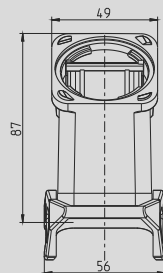
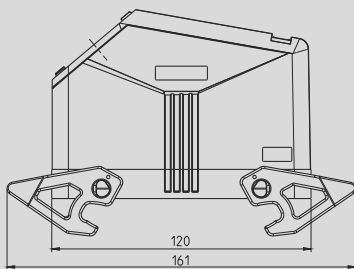
Please order the necessary quantity of glands separately.



K714224

Panel housing, plastic, height 30 mm
for double locking levers

Panel cutout
65 x 35 mm



K713424

Hoods, plastic, height 87 mm
with double locking levers,
prepared for cable entry
from the side or top

Please order the necessary quantity of glands separately.

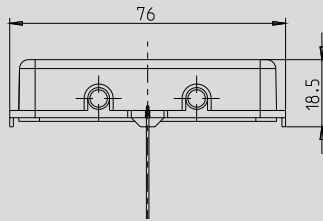
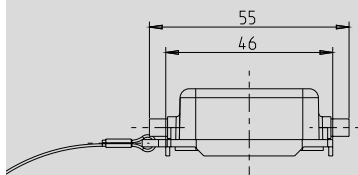
Housings for series B24, BB46, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B24 BB46 D64 DD108 MOB24	2 x M 40	10 229	K757208MS	717651KUSW			7
							8
							9
B24 BB46 D64 DD108 MOB24		10 118	K714224				10
							11
B24 BB46 D64 DD108 MOB24	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 158 158 158 158	K713424 K713424 K713424 K713424		727648KUSW 727649KUSW 727650KUSW 727651KUSW		Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
							Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications

Housings

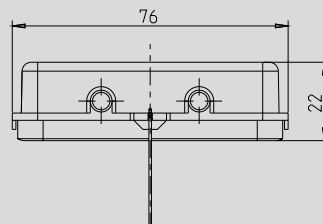
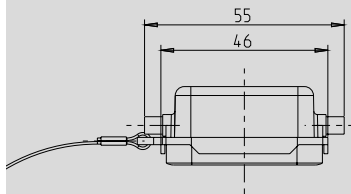
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



710628SW

Protective cover

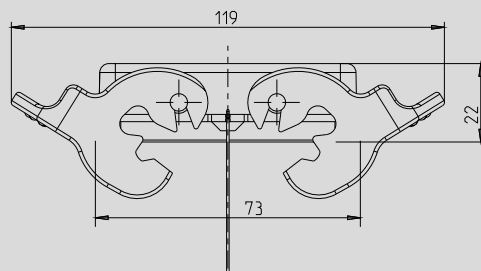
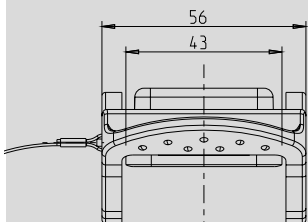
with retaining cord,
for housings with double locking levers



710758SW

Protective cover

with gasket and retaining cord,
for hoods with double locking levers



710761SW

Protective cover

with gasket and retaining cord,
for hoods with latch pins for double
locking levers

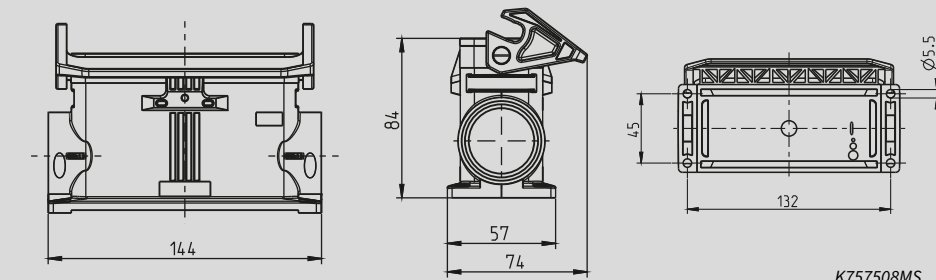
Housings for series B24, BB46, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
		10					7
Plastic, black	24		710628SW				8
							9
							10
Plastic, black	31	10	710758SW				11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
Plastic, black	91	10	710761SW				Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

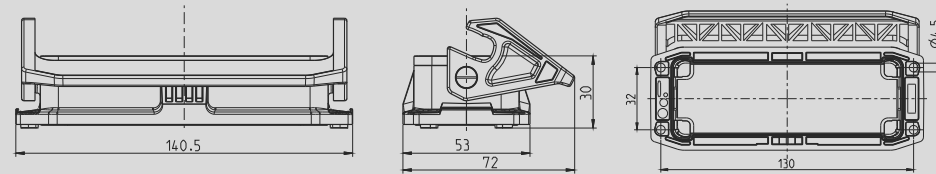
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



K757508MS

Wall mount housings, plastic, height 84 mm
with single locking lever

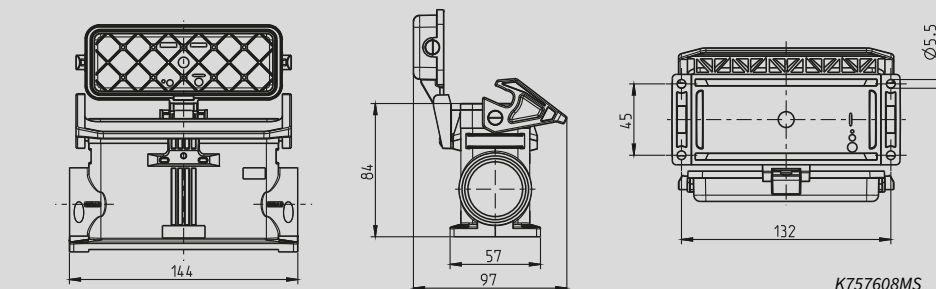
Please order the necessary quantity of glands separately.



K714324

Panel housing, plastic, height 30 mm
with single locking lever

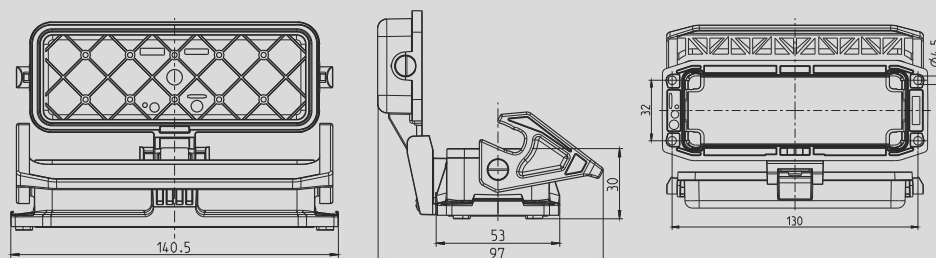
Panel cutout
65 x 35 mm



K757608MS

Wall mount housings, plastic, height 84 mm
with single locking lever,
with hinged lid

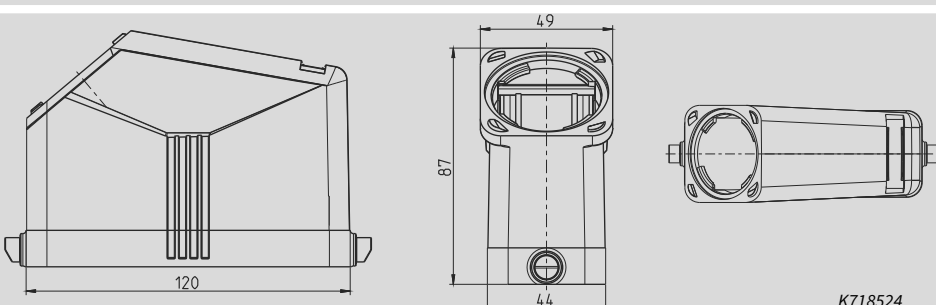
Please order the necessary quantity of glands separately.



K714424

Panel housing, plastic, height 30 mm
with single locking lever,
with hinged lid

Panel cutout
65 x 35 mm



K718524

Hoods, plastic, height 87 mm
for single locking lever,
side cable entry

Please order the necessary quantity of glands separately.

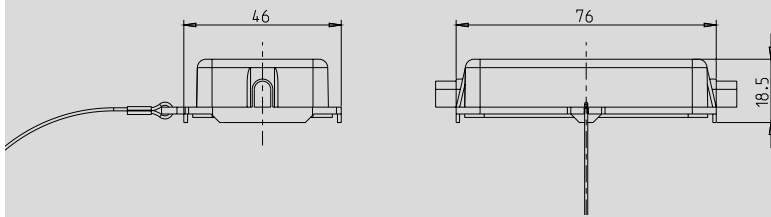
Housings for series B24, BB46, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B24 BB46 D64 DD108 MOB24	2 x M 40	10 215	K757508MS	717651KUSW			7
							8
							9
							10
B24 BB46 D64 DD108 MOB24		10 110	K714324				11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
B24 BB46 D64 DD108 MOB24	2 x M 40	10 256	K757608MS	717651KUSW			Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
B24 BB46 D64 DD108 MOB24		10 143	K714424				Housings B48/ BB92/D128 DD216/2xMO24
B24 BB46 D64 DD108 MOB24	1 x M 20 1 x M 25 1 x M 32 1 x M 40	10 134 134 134 134	K718524 K718524 K718524 K718524		727648KUSW 727649KUSW 727650KUSW 727651KUSW		

Specifications for housings

Housings

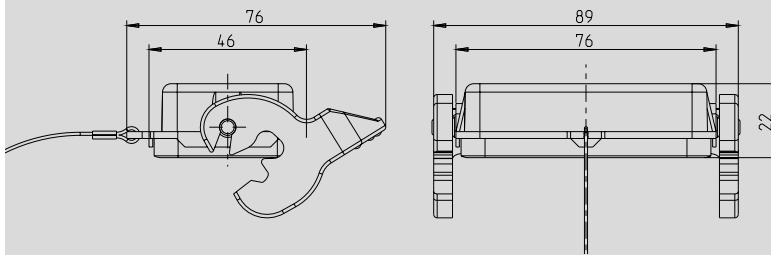
Material: Plastic PA6
 Locking levers: Plastic PA6
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



710636SW

Protective covers
with retaining cord

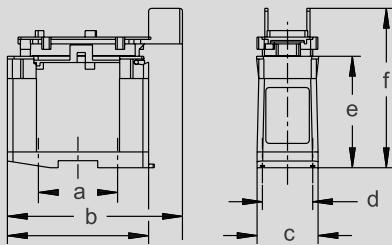
for housings with single locking lever



710765SW

Protective covers
with single locking lever,
with gasket and retaining cord

for hoods with single locking system



125 mm: adapter module 125
150 mm: adapter module 150

	a	b	c	d	e	f
760010	70	155	54	44.5	98.5	141
760110	100	185	54	44.5	98.5	141

Snap-on mounting adapters,
pivoted

adapter module depth 125 mm

adapter module depth 150

mountable on DIN-rails,
top can be screwed with bottom

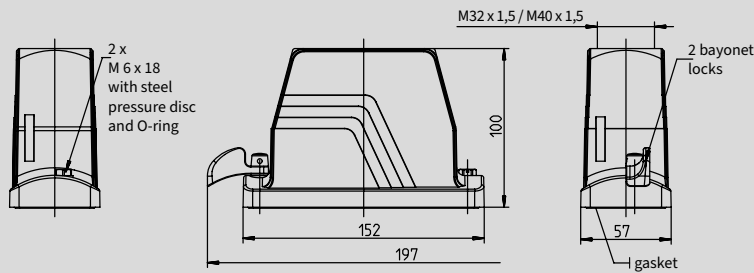
Housings for series B24, BB46, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching cable glands	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
		10					7
Plastic, black		23	710636SW				8
							9
							10
		10					11
Plastic, black		105	710765SW				Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
for 1 insert		5					Housings B16/ BB32/BA6/D40/ DD72/MO16
for 1 insert		191	760010				
		211	760110				Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

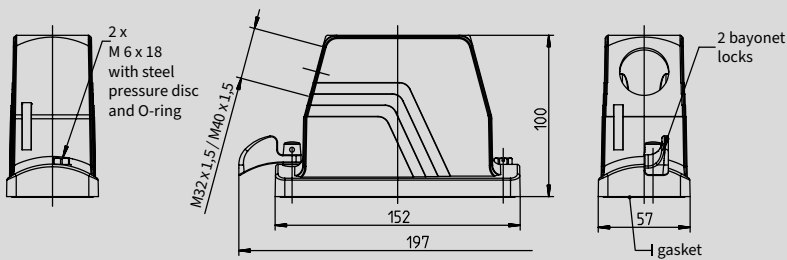
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



7173240V

Hoods, aluminum, height 100 mm top cable entry

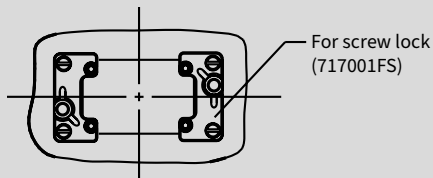
Please order the necessary quantity of glands separately.



717240V

Hoods, aluminum, height 100 mm side cable entry

Please order the necessary quantity of glands separately.



Flange installation:

1 pc. **flange set** has to be ordered separately:

717001FS for screw-mountable hoods

Accessories for screw mountable hoods:

Flange set, zinc, with 2 flanges, 4 screws, 4 serrated lock washers. Female / male inserts are mounted directly onto the mounting flange - saves the panel housing!

Protective covers for mounting side

for snapping on with retaining cord, IP50

Protective covers for mounting side with screw lock

with retaining cord, IP65

Screw-mountable hoods for series B24, BB46, BHT24, D64, DD108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Hood: screw-mountable	
			Part no.:	Part no.:	Part no.:		
							
B24 BB46 BHT24 D64 DD108 MOB24	1 x M 32 1 x M 40	10 441 339	717324OV 717424OV	710940 710941	719631 719632		
B24 BB46 BHT24 D64 DD108 MOB24	1 x M 32 1 x M 40	10 441 339	717724OV 717824OV	710940 710941	719631 719632		
B24 BB46 BHT24 D64 DD108 MOB24		1 62	717001FS				
B24 BB46 BHT24 D64 DD108 MOB24		10 39	717701				
B24 BB46 BHT24 D64 DD108 MOB24		10 55	717705				

1

2

3

4

5

6

7

8

9

10

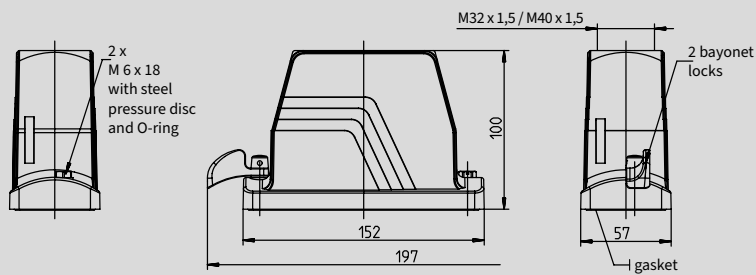
11

Housings B6/
BB10/DD24/MO6Housings B10/
BB18/DD42/MO10Housings B16/
BB32/BA6/D40/
DD72/MO16Housings B24/
BB46/D64/
DD108/MO24Housings B32/
BA12/BB64/D80/
DD144/2xMO16Housings B48/
BB92/D128
DD216/2xMO24

Specifications for housings

Housings

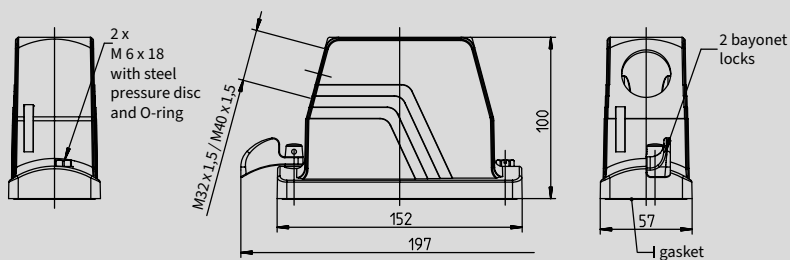
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



7273240V

**Hoods, aluminum,
height 100 mm
top cable entry**

*Please order the necessary quantity
of glands separately.*

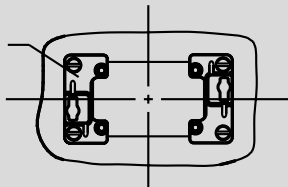


727240V

**Hoods, aluminum,
height 100 mm
side cable entry**

*Please order the necessary quantity
of glands separately.*

For bayonet
lock
(727001FS)



Flange installation:

1 pc. **flange set** has to be ordered separately:

727001FS (for housings with bayonet lock)

Accessories for hoods with bayonet lock:

Flange set, zinc,
with 2 flanges, 4 screws,
4 serrated lock washers.
Female / male inserts are mounted
directly onto the mounting flange -
saves the panel housing!

Protective covers for mounting side with bayonet lock












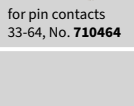


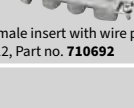
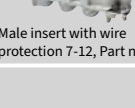




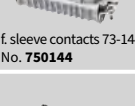



with retaining cord, IP65

Hood with bayonet lock, for series B24, BB46, BHT24, D64, DD 108, MOB24

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Hood: Bayonet lock	
			Part no.:	Part no.:	Part no.:		1
							2
							3
							4
							5
							6
B24 BB46 BHT24 D64 DD108 MOB24	1 x M 32 1 x M 40	10 448 443	7273240V 7274240V	710940 710941	719631 719632		7
							8
B24 BB46 BHT24 D64 DD108 MOB24	1 x M 32 1 x M 40	10 448 443	7277240V 7278240V	710940 710941	719631 719632		9
							10
B24 BB46 BHT24 D64 DD108 MOB24		1 60	727001FS				11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
							Housings B16/ BB32/BA6/D40/ DD72/MO16
B24 BB46 BHT24 D64 DD108 MOB24		10 70	727627				Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

A brief overview of the insert installation options der Baureihen B32, BA12, BB64, D80, DD144 and 2 x MOB16

The housings shown on the following pages can be equipped with the inserts listed below:

	Screw terminal inserts				Crimp contact carriers		IDC inserts		Push-in inserts		
B32	Female insert with wire protection 1-16 Part no. 710116  with wire protection 17-32 Part no. 710132	Female insert w/o wire protect. No. 710771  w/o wire protection No. 710859	Male insert with wire protect. 1-16 No. 710216  with wire protection 17-32 Part no. 710232	Male insert w/o wire protection No. 710775  w/o wire protection No. 710860			Female insert IDC terminal, 1-16 Part no. 71011601 	Male insert IDC terminal, 1-16 Part no. 71021601 	Female insert push-in terminal 1-16 No. 71011604 	Male insert, push-in terminal 1-16 No. 71021604 	
BB64					for sleeve contacts 1-32, No. 710333 	for pin contacts 1-32, No. 710433 					
					for sleeve contacts 33-64, No. 710364 	for pin contacts 33-64, No. 710464 					
BA12	Female insert with wire protection 1-6, No. 710620 	Male insert with wire protection 1-6, No. 710621 									
	Female insert with wire protection 7-12, Part no. 710692 	Male insert with wire protection 7-12, Part no. 710693 									
D80					Crimp contact carrier for sleeve contacts No. 720340 (2x) 	Crimp contact carrier for pin contacts No. 720440 (2x) 					
DD144					Crimp contact carrier f. sleeve contacts 1-72 No. 750172 	Crimp contact carrier f. pin contacts 1-72 No. 750272 					
					f. sleeve contacts 73-144 No. 750144 	f. pin contacts 73-144 No. 750244 					
2 x MOB16	Female frame MO B16, for 5 contact carriers for female and male contacts, with additional female frames (frame coding V-Z) No. 770 016 				Male frame MO B16 for 5 contact carriers for female and male contacts, with additional For male frames (frame coding V-Z) No. 770116 						

Contacts for crimp contact carriers of series BB 64 see page 64 and DD 24 see page 85

Inserts of series MO (modular system)

Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Insert	Contacts
MO	MO 3P coax	3	without	250	-	 Sleeve 771203	 772400 772410
	MO 3P coax	3	without	250	-	 Pin 771303	 772500 772510
	MO 2P	1 + PE	1	1000	80	 Sleeve 771401	
	MO 2P	1 + PE	1	1000	80	 Pin 771501	
	MO 2P	2	1-2	1000	80	 Sleeve 771402	
	MO 2P	2	1-2	1000	80	 Pin 771502	

Housings for series B32, BA12, BB64, D80, DD144, 2 x MOB16

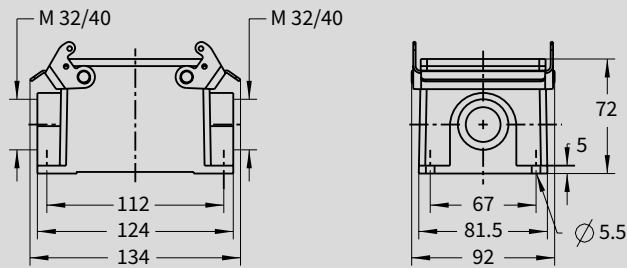
Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Contacts											
MO	MO 3P	3	1 - 3	630	40		Sleeve		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		1		
							771003		772030	772040	772050	772060	772070		2		
	MO 3P	3	1 - 3	630	40		Pin		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		3		
								771103		772130	772140	772150	772160	772170		4	
	MO 3.1P	3	1 - 3	1000	50		Sleeve		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		5		
								771403		772030	772040	772050	772060	772070		6	
	MO 3.1P	3	1 - 3	1000	50		Pin		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		7		
								771503		772130	772140	772150	772160	772170		8	
	MO 4P	4	1 - 4	630	25		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²		9	
								771605		710508	710504	710509	710500	710501	710502		10
	MO 4P	4	1 - 4	630	25		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²		11	
								771705		710518	710514	710519	710510	710511	710512		
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Sleeve		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²						
								771610		773200	773230	773260					
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Pin		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²						
								771710		773300	773330	773360					
	MO 5.1P	5	1 - 5	1000	16		Sleeve		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²						
								771620		773200	773230	773260					
	MO 5.1P	5	1 - 5	1000	16		Pin		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²						
								771720		773300	773330	773360					
	MO 5P	5	1 - 5	400	20		Sleeve		0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²				
								771005		772210	772220	772230	772240	772250			
	MO 5P	5	1 - 5	400	20		Pin		0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²				
								771105		772310	772320	772330	772340	772350			
MO 10P	10	1 - 10	250	10		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL				
							771010		720506	720507	720508	720509	720502	720520	Housings B6/ BB10/DD24/MO6		
MO 10P	10	1 - 10	250	10		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL				
							771110		720516	720517	720518	720519	720512	720530	Housings B10/ BB18/DD42/MO10		
MO 20P	20	1 - 20	63	5		Sleeve		0.09 - 0.25 mm ²	0.25 - 0.5 mm ²								
							771020		773000	773001							
MO 20P	20	1 - 20	63	5		Pin		0.09 - 0.25 mm ²	0.25 - 0.5 mm ²								
							771120		773100	773101							
MO RJ45	4 + 8		400	13		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL				
							775000		720506	720507	720508	720509	720502	720520	Housings B16/ BB32/BA6/D40/ DD72/MO16		
MO RJ45	4 + 8		400	13		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL				
							775100		720516	720517	720518	720519	720512	720530	Housings B24/ BB46/D64/ DD108/MO24		
MO RJ45	8					RJ45											
							720545										
MO Universal bus	4 + *		30	1		Sleeve											
							775010										
MO Universal bus	4 + *		30	1		Pin											
							775110										
MO DP Profi bus	2/4 + *		30	1		Sleeve											
							775020										
MO DP Profi bus	2/4 + *		30	1		Pin											
							775120										
MO 1P Pneu	1 + 2		8 bar			Sleeve		Sleeve		Sleeve		Sleeve					
							771001		771002		771004		771006				
MO 1P Pneu	1 + 2		8 bar			Pin		Pin		Pin		Pin					
							771101		771102		771104		771106				
MO 0						Sleeve											
							771000										
MO 0						Pin											
							771100										

* shielding

Specifications for housings

Housings

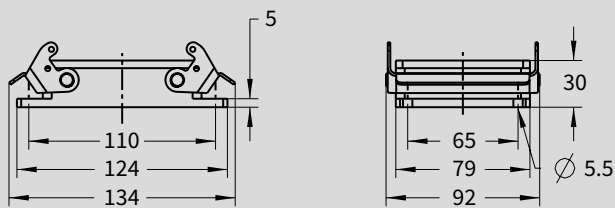
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



T711032MS

Wall mount housings, aluminum, height 72 mm
with double locking levers

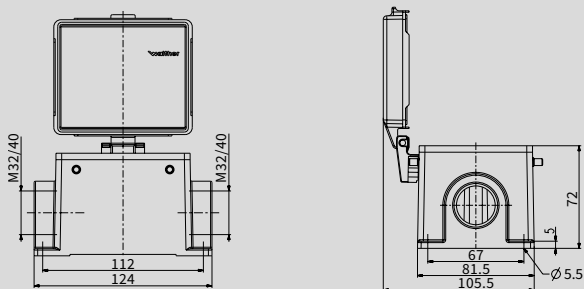
Please order the necessary quantity of glands separately.



T714132

Panel housing, aluminum, height 30 mm
with double locking levers

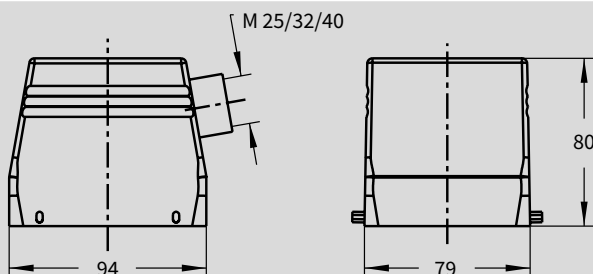
Panel cutout
84 x 70 mm



T711232MS

Wall mount housings, aluminum, height 72 mm
for double locking levers,
with hinged lid

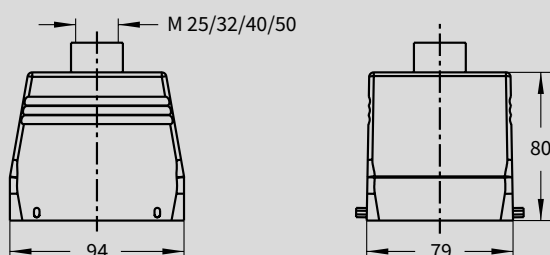
Please order the necessary quantity of glands separately.



T718032

Hoods, aluminum, height 80 mm
for double locking levers,
side cable entry

Please order the necessary quantity of glands separately.



T718232

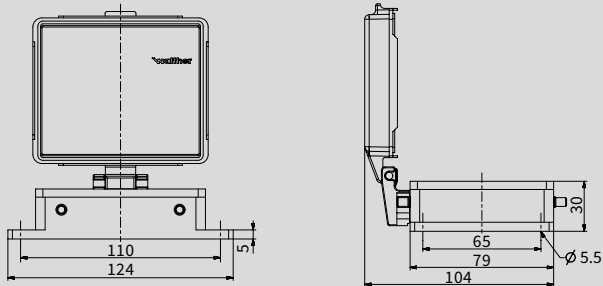
Hoods, aluminum, height 80 mm
for double locking levers,
top cable entry

Please order the necessary quantity of glands separately.

Housings for series B32, BA12, BB64, D80, DD144, 2 x MOB16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:	2	
							3
							4
							5
							6
B32 BA12 BB64 D80 DD144 2xMOB16	1 x M 32 2 x M 32 1 x M 40 2 x M 40	10 497 477 493 477	T711032MS T711132MS T71103240MS T71113240MS		717639 717639 717640 717640		7 8
B32 BA12 BB64 D80 DD144 2xMOB16		10 222	714132				9 10
B32 BA12 BB64 D80 DD144 2xMOB16	1 x M 32 2 x M 32 1 x M 40 2 x M 40	10 490 486 450 450	T711232MS T711332MS T71123240MS T71133240MS		717639 717639 717640 717640		11 Housings B6/ BB10/DD24/MO6 Housings B10/ BB18/DD42/MO10 Housings B16/ BB32/BA6/D40/ DD72/MO16
B32 BA12 BB64 D80 DD144 2xMOB16	1 x M 25 2 x M 32 2 x M 32 1 x M 40	10 353 377 367 364	T718032 T718132 T71813200 T750670	710939 710940 710940 710941	719630 719631 719631 719632		Housings B24/ BB46/D64/ DD108/MO24 Housings B32/ BA12/BB64/D80/ DD144/2xMO16
B32 BA12 BB64 D80 DD144 2xMOB16	1 x M 25 1 x M 32 2 x M 32 1 x M 40 1 x M 50	10 396 356 351 369 382	T718232 T718332 T71833200 T750663 T750671	710939 710940 710940 710941 710942	719630 719631 719631 719632 719633		Housings B48/ BB92/D128 DD216/2xMO24

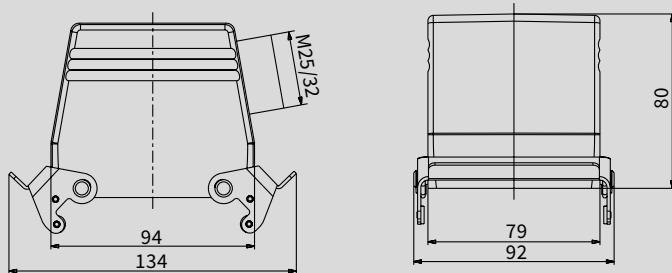
Specifications for housings



714232

Panel housing, aluminum,
height 30 mm
for double locking levers,
with hinged lid

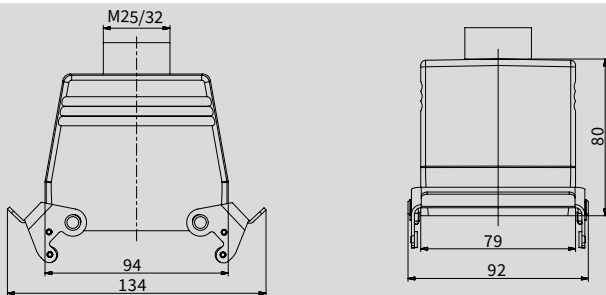
Panel cutout
84 x 70 mm



T713032

Hoods, aluminum,
height 80 mm
with double locking levers,
side cable entry

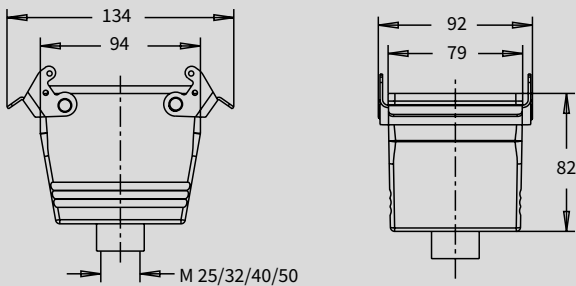
*Please order the necessary quantity
of collars + cable glands separately.*



T713232

Hoods, aluminum,
height 80 mm
with double locking levers,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*


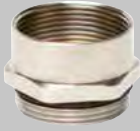







T713632

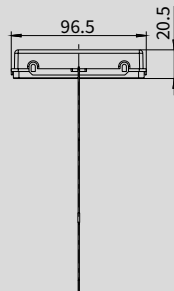
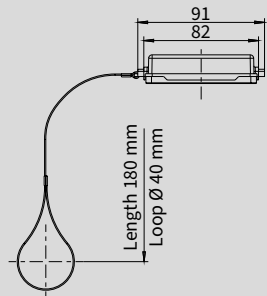
Coupler hoods, aluminum,
height 82 mm
with double locking levers,
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

Housings for series B32, BA12, BB64, D80, DD144, 2 x MOB16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:	2	
							3
							4
							5
							6
B32 BA12 BB64 D80 DD144 2xMOB16		10 438	714232				7
							8
B32 BA12 BB64 D80 DD144 2xMOB16	1 x M 25 1 x M 32 2 x M 32	10 446 426 421	T713032 T713132 T71313200	710939 710940 710940	719630 719631 719631		9
							10
B32 BA12 BB64 D80 DD144 2xMOB16	1 x M 25 1 x M 32 2 x M 32	10 446 426 421	T713232 T713332 T71333200	710939 710940 710940	719630 719631 719631		11
							Housings B6/ BB10/DD24/MO6
							Housings B10/ BB18/DD42/MO10
							Housings B16/ BB32/BA6/D40/ DD72/MO16
B32 BA12 BB64 D80 DD144 2xMOB16	1 x M 25 1 x M 32 1 x M 40 1 x M 50	10 438 399 452 465	T713632 T713732 T750664 T750669	710939 710940 710941 710942	719630 719631 719632 719633		Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

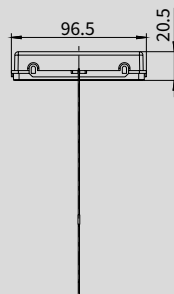
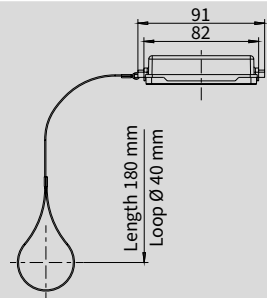
Specifications



710911

Protective cover, plastic
for housings with double locking levers

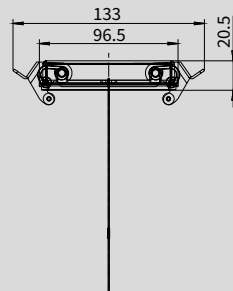
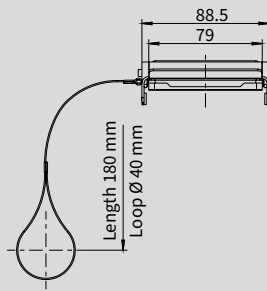
without gasket,
with retaining cord



710912

Protective cover, plastic
for housings with double locking levers

with gasket,
with retaining cord



710913

Protective cover, plastic
for housings without double locking levers

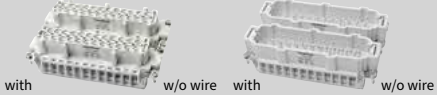




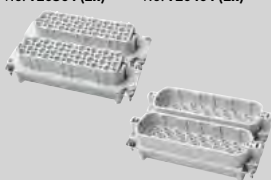
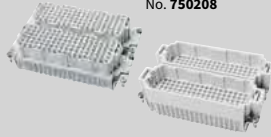


with locking levers, gasket
and retaining cord

Housings for series B32, BA12, BB64, D80, DD144, 2 x MOB16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B32 BA12 BB64 D80 DD144 2xMOB16		10 29	710911				7 8
B32 BA12 BB64 D80 DD144 2xMOB16		10 35	710912				9 10 11
B32 BA12 BB64 D80 DD144 2xMOB16		10 113	710913				Housings B6/ BB10/DD24/MO6 Housings B10/ BB18/DD42/MO10 Housings B16/ BB32/BA6/D40/ DD72/MO16
							Housings B24/ BB46/D64/ DD108/MO24
							Housings B32/ BA12/BB64/D80/ DD144/2xMO16
							Housings B48/ BB92/D128 DD216/2xMO24

A brief overview of the insert installation options of series B48, BB92, D128, DD216 and 2 x MOB24

The housings shown on the following pages can be equipped with the inserts listed below:

	Screw terminal inserts	Crimp contact carriers	IDC inserts	Push-in inserts
B48	<p>Female insert with wire protect. 1-24 No. 710124</p> <p>Female insert w/o wire protect. No. 710772</p> <p>Male insert with wire protect. 1-24 No. 710224</p> <p>Male insert w/o wire protect. No. 710776</p>  <p>with wire protect. 25-48 No. 710148</p> <p>w/o wire protection No. 710861</p> <p>with wire protect. 25-48 No. 710248</p> <p>w/o wire protection No. 710862</p>	<p>Crimp contact carrier f. sleeve contacts 1-46 No. 710346</p> <p>Crimp contact carrier for pin contacts 1-46 No. 710446</p>  <p>for sleeve contacts 47-92, No. 710392</p> <p>for pin contacts 47-92, No. 710492</p>	<p>Female insert IDC terminal 1-24 No. 71012401</p> <p>Male insert IDC terminal 1-24 No. 71022401</p>  <p>IDC terminal 25-48 No. 71014801</p> <p>IDC terminal 25-48, No. 71024801</p>	<p>Female insert push-in contact 1-24, No. 71012404</p> <p>Male insert, push-in contact 1-24, No. 71022404</p>  <p>push-in contact 25-48, No. 71014804</p> <p>push-in contact, 25-48, No. 71024804</p>
BB92		<p>Crimp contact carrier for sleeve contacts 1-46 No. 710346</p> <p>Crimp contact carrier for pin contacts 1-46 No. 710446</p>  <p>for sleeve contacts 47-92, No. 710392</p> <p>for pin contacts 47-92, No. 710492</p>		
D128		<p>Crimp contact carrier for sleeve contacts No. 720364 (2x)</p> <p>Crimp contact carrier for pin contacts No. 720464 (2x)</p> 		
DD216		<p>Crimp contact carrier for sleeve contacts 1-108, No. 750108</p> <p>Crimp contact carrier for pin contacts 1-108, No. 750208</p>  <p>for sleeve contacts 109-216, No. 750116</p> <p>for pin contacts 109-216, No. 750216</p>		
2 x MOB24	<p>Female frame MO B24 for 7 contact carrier for female and male contacts with additional female frames (frame coding T - Z) No. 770024</p> 	<p>Male frame MO B24 for 7 contact carriers for female and male contacts with additional For male frames (frame coding T - Z) No. 770124</p> 		

Contacts for crimp contact carriers of series BB92 see page 67 and DD216 see page 95

Inserts of series MO (modular system)

Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Insert	Contacts			
MO	MO 3P coax	3	without	250	-		Sleeve 771203		772400	772410
	MO 3P coax	3	without	250	-		Pin 771303		772500	772510
	MO 2P	1 + PE	1	1000	80		Sleeve 771401			
	MO 2P	1 + PE	1	1000	80		Pin 771501			
	MO 2P	2	1-2	1000	80		Sleeve 771402			
	MO 2P	2	1-2	1000	80		Pin 771502			

Housings for series B48, BB92, BV20, BV26, D128, DD216, 2 x MOB24

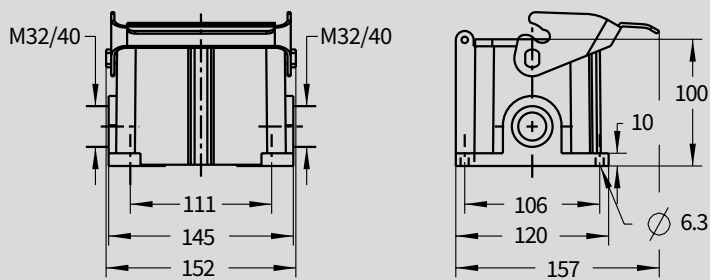
Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Contacts										
MO	MO 3P	3	1 - 3	630	40		Sleeve		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		1	
						771003			772030	772040	772050	772060	772070		2	
	MO 3P	3	1 - 3	630	40		Pin		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		3	
						771103			772130	772140	772150	772160	772170		4	
	MO 3.1P	3	1 - 3	1000	50		Sleeve		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		5	
						771403			772030	772040	772050	772060	772070		6	
	MO 3.1P	3	1 - 3	1000	50		Pin		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		7	
						771503			772130	772140	772150	772160	772170		8	
	MO 4P	4	1 - 4	630	25		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²		9
						771605			710508	710504	710509	710500	710501	710502		10
	MO 4P	4	1 - 4	630	25		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²		11
						771705			710518	710514	710519	710510	710511	710512		
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Sleeve		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
						771610			773200	773230	773260					
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Pin		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
						771710			773300	773330	773360					
	MO 5.1P	5	1 - 5	1000	16		Sleeve		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
						771620			773200	773230	773260					
	MO 5.1P	5	1 - 5	1000	16		Pin		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
						771720			773300	773330	773360					
	MO 5P	5	1 - 5	400	20		Sleeve		0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²			
						771005			772210	772220	772230	772240	772250			
	MO 5P	5	1 - 5	400	20		Pin		0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²			
						771105			772310	772320	772330	772340	772350			
	MO 10P	10	1 - 10	250	10		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL		
						771010			720506	720507	720508	720509	720502	720520		
	MO 10P	10	1 - 10	250	10		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL		
						771110			720516	720517	720518	720519	720512	720530		
MO 20P	20	1 - 20	63	5		Sleeve		0.09 - 0.25 mm ²	0.25 - 0.5 mm ²							
					771020			773000	773001							
MO 20P	20	1 - 20	63	5		Pin		0.09 - 0.25 mm ²	0.25 - 0.5 mm ²							
					771120			773100	773101							
MO RJ45	4 + 8		400	13		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
					775000			720506	720507	720508	720509	720502	720520			
MO RJ45	4 + 8		400	13		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
					775100			720516	720517	720518	720519	720512	720530			
MO RJ45	8					RJ45										
					720545											
MO Universal bus	4 + *		30	1		Sleeve										
					775010											
MO Universal bus	4 + *		30	1		Pin										
					775110											
MO DP Profi bus	2/4 + *		30	1		Sleeve										
					775020											
MO DP Profi bus	2/4 + *		30	1		Pin										
					775120											
MO 1P Pneu	1 + 2		8 bar			Sleeve		Sleeve		Sleeve		Sleeve				
					771001			771002		771004		771006				
MO 1P Pneu	1 + 2		8 bar			Pin		Pin		Pin		Pin				
					771101			771102		771104		771106				
MO 0						Sleeve										
					771000											
MO 0						Pin										
					771100											

* shielding

Specifications for housings

Housings

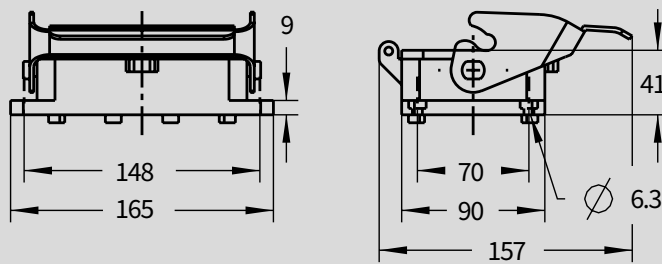
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



T711448MS

Wall mount housings, aluminum, height 100 mm
with single locking lever

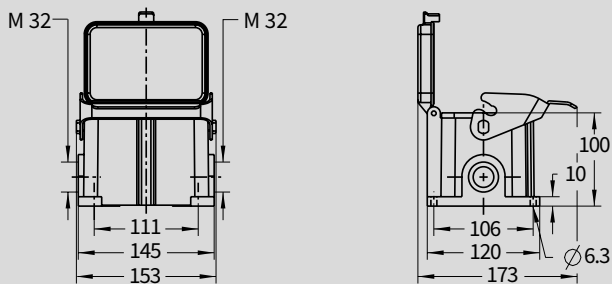
Please order the necessary quantity of glands separately.



714348

Panel housing, aluminum, height 41 mm
with single locking lever

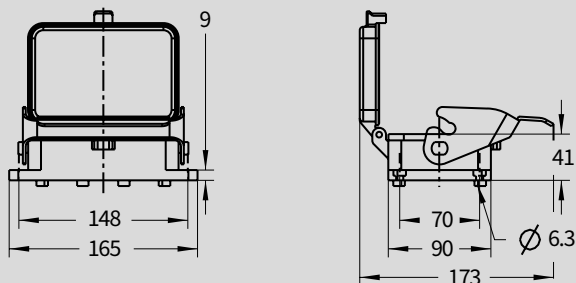
Panel cutout
120 x 82 mm



T711648MS

Wall mount housings, aluminum, height 100 mm
with single locking lever,
with hinged lid

Please order the necessary quantity of glands separately.



714448

Hood, aluminum, height 41 mm
with single locking lever,
with hinged lid

Panel cutout
120 x 82 mm

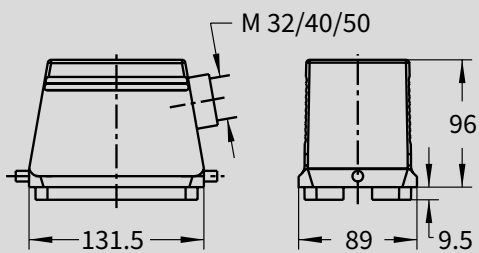
Housings for series B48, BB92, BV20, BV26, D128, DD216, 2 x MOB24

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B48 BB92 BV20 BV26 BV32 D128 DD216 2 x MOB24	1 x M 32 2 x M 32 1 x M 40 2 x M 40	10 1200 1180 1170 1130	T711448MS T711548MS T71144840MS T71154840MS		717639 717639 717640 717640		7 8
B48 BB92 BV20 BV26 BV32 D128 DD216 2 x MOB24		10 534	714348				9 10 11
B24 BB46 D64 DD108 MOB24	1 x M 32 2 x M 32 1 x M 40 2 x M 40	10 1310 1290 1280 1240	T711648MS T711748MS T71164840MS T71174840MS		717639 717639 717640 717640		Housings B6/ BB10/DD24/MO6 Housings B10/ BB18/DD42/MO10 Housings B16/ BB32/BA6/D40/ DD72/MO16
B48 BB92 BV20 BV26 BV32 D128 DD216 2 x MOB24		10 632	714448				Housings B24/ BB46/D64/ DD108/MO24 Housings B32/ BA12/BB64/D80/ DD144/2xMO24
							Housings B48/ BB92/D128 DD216/2xMO24

Specifications for housings

Housings

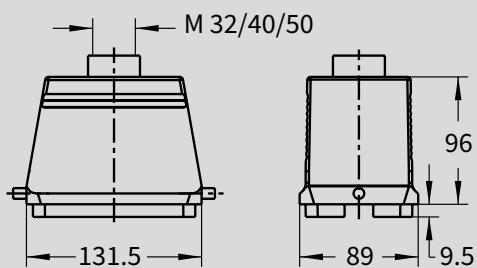
Material:	Aluminum die cast
Surface:	Powder coated
Locking levers:	Plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



T712648

**Hoods, aluminum,
height 96 mm**
for single locking lever
side cable entry

*Please order the necessary quantity
of collars + cable glands separately.*



T712848

**Hoods, aluminum,
height 96 mm**
for single locking lever
top cable entry

*Please order the necessary quantity
of collars + cable glands separately.*

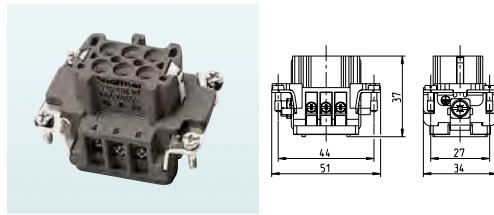
Housings for series B48, BB92, BV20, BV26, D128, DD216, 2 x MOB24

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
B48 BB92 BV20 BV26 BV32 D128 DD216 2 x MOB24	1 x M 32 2 x M 32 1 x M 40 1 x M 50	10 562 558 578 533	T712648 T71264800 T712748 T710653	710940 710940 710941 710942	719631 719631 719632 719633		7 8 9 10
B48 BB92 BV20 BV26 BV32 D128 DD216 2 x MOB24	1 x M 32 2 x M 32 1 x M 40 1 x M 50	10 598 594 591 558	T712848 T71284800 T712948 T720712	710940 710940 710941 710942	719631 719631 719632 719633		11 Housings B6/ BB10/DD24/MO6 Housings B10/ BB18/DD42/MO10 Housings B16/ BB32/BA6/D40/ DD72/MO16 Housings B24/ BB46/D64/ DD108/MO24 Housings B32/ BA12/BB64/D80/ DD144/2xMO16 Housings B48/ BB92/D128 DD216/2xMO24

Approvals/Certification mark

DIN VDE 0627
DIN VDE 0110
DIN EN 61 984

Female insert



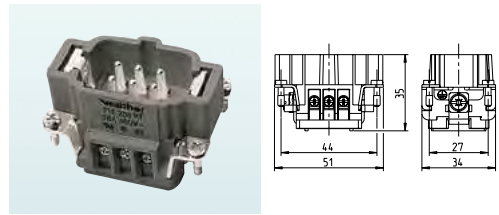
Part number

710106HT with wire protection
0.5-2.5 mm² (20-14 AWG)

Packaging unit
Weight

10 pcs.
54 g

Male insert



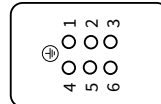
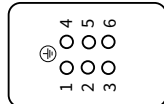
Part number

710206HT with wire protection
0.5-2.5 mm² (20-14 AWG)

10 pcs.
52 g

Contact arrangement

View from termination side

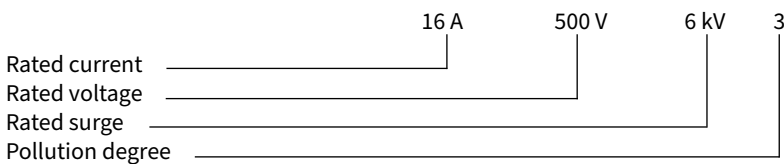


Specifications for series BHT6

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 6 + PE

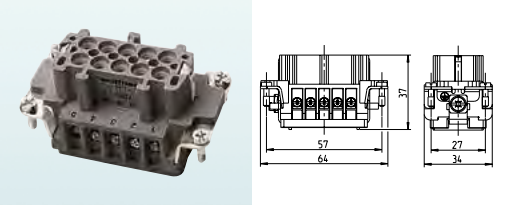
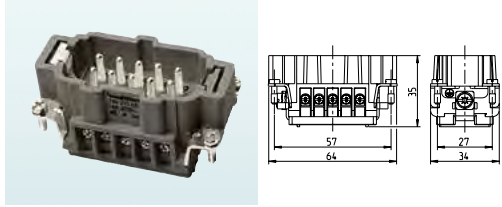

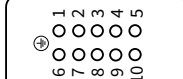
Electrical data acc. to DIN EN 61 984:



Material: high temperature resistant plastic
Temperature range: up to + 180 °C, briefly up to 200 °C
Mechanical operating life:
Mating cycles: ≥ 500

Contacts:

Material: Copper alloy
Surface - hard silver-plated: 3 μm Ag
Contact resistance: < 1 m Ω
Screw terminal with wire protection: 2.5 mm² (20-14 AWG)
Torque / testing torque: 0.5 Nm
Wire stripping length: 7 mm

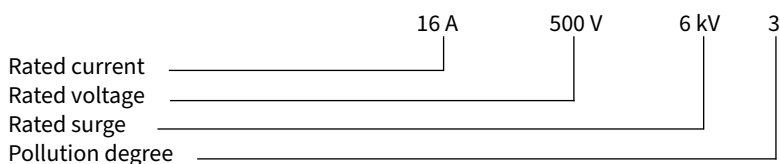
Approvals/Certification mark	Female insert		Male insert	
DIN VDE 0627 DIN VDE 0110 DIN EN 61 984				
Part number Packaging unit Weight	710110HT 10 pcs. 71 g	with wire protection 0.5-2.5 mm ² (20-14 AWG)	710210HT 10 pcs. 67 g	with wire protection 0.5-2.5 mm ² (20-14 AWG)
Contact arrangement View from termination side				

Specifications for series BHT10

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 10 + PE



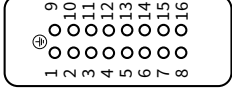
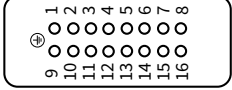
Electrical data acc. to DIN EN 61 984:



Material: high temperature resistant plastic
Temperature range: up to + 180 °C, briefly up to 200 °C
Mechanical operating life:
Mating cycles: ≥ 500

Contacts:

Material: Copper alloy
Surface - hard silver-plated: 3 μm Ag
Contact resistance: < 1 m Ω
Screw terminal with wire protection: 2.5 mm² (20-14 AWG)
Torque / testing torque: 0.5 Nm
Wire stripping length: 7 mm

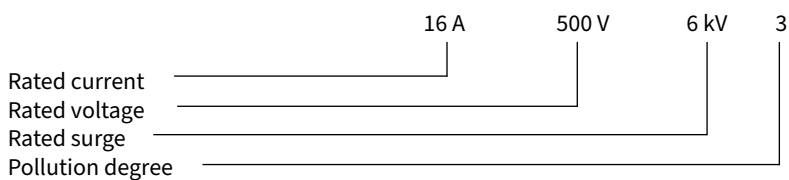
Approvals/Certification mark	Female insert	Male insert
DIN VDE 0627 DIN VDE 0110 DIN EN 61 984		
Part number	710116HT	710216HT
Packaging unit	10 pcs.	10 pcs.
Weight	96 g	96 g
Contact arrangement		
View from termination side		

Specifications for series BHT16

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 16 + PE

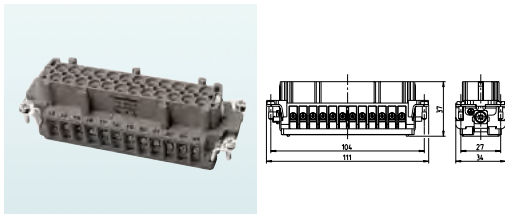
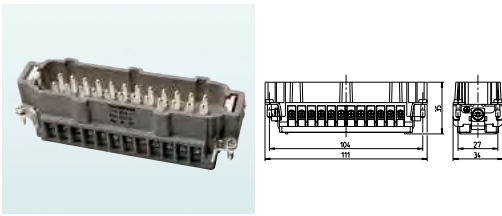
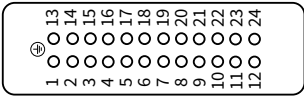
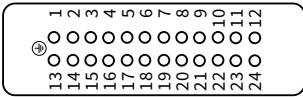
Electrical data acc. to DIN EN 61 984:



Material: high temperature resistant plastic
Temperature range: up to + 180 °C, briefly up to 200 °C
mechanical operating life
Mating cycles: ≥ 500

Contacts:

Material: Copper alloy
Surface - hard silver-plated: 3 µm Ag
Contact resistance: < 1 m Ω
Screw terminal with wire protection: 2.5 mm² (20-14 AWG)
Torque / testing torque: 0.5 Nm
Wire stripping length: 7 mm

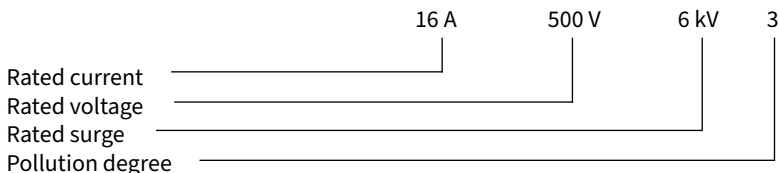
Approvals/Certification mark	Female insert	Male insert
DIN VDE 0627 DIN VDE 0110 DIN EN 61 984		
Part number	710124HT	710224HT
Packaging unit	10 pcs.	10 pcs.
Weight	140 g	120 g
Contact arrangement		
View from termination side		

Specifications for series BHT24

Regulations: DIN VDE 0627, DIN VDE 0110, DIN EN 61 984

Number of poles: 24 + PE

Electrical data acc. to DIN EN 61 984:



Material: high temperature resistant plastic
Temperature range: up to + 180 °C, briefly up to 200 °C
Mechanical operating life:
Mating cycles: ≥ 500

Contacts:

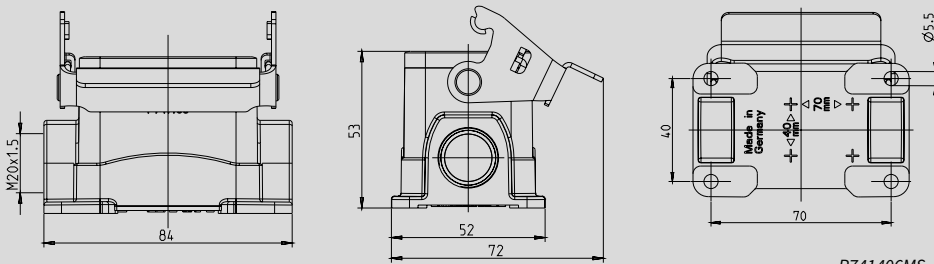
Material: Copper alloy
Surface - hard silver-plated: 3 μm Ag

Contact resistance: < 1 m Ω
Screw terminal with wire protection: 2.5 mm² (20-14 AWG)
Torque / testing torque: 0.5 Nm
Wire stripping length: 7 mm

Specifications for housings

Housings

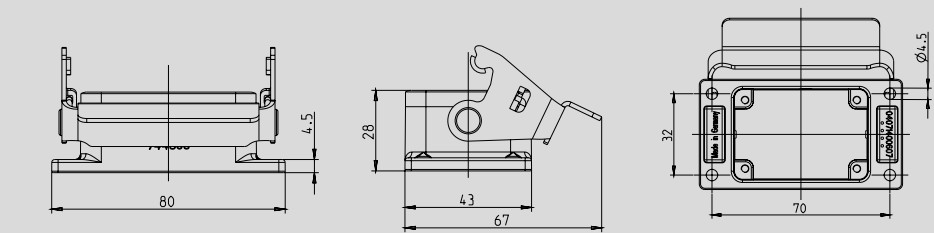
Material: Aluminum die cast, sea water resistant
 Surface: powder coated, black
 Locking levers: V2 A 1.4001
 Housing gasket: Viton
 Temperature range: - 40 °C up to + 200 °C (depending on gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)



P741406MS

Wall mount housings, aluminum, height 53 mm
with single locking lever

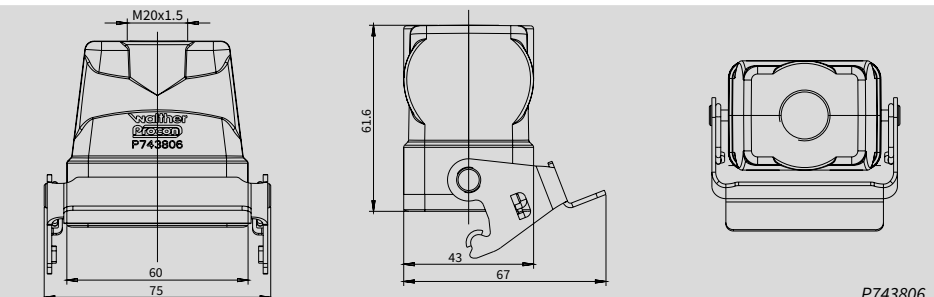
Please order the necessary quantity of collars + cable glands separately.



744306

Panel housing, aluminum, height 28 mm
with single locking lever

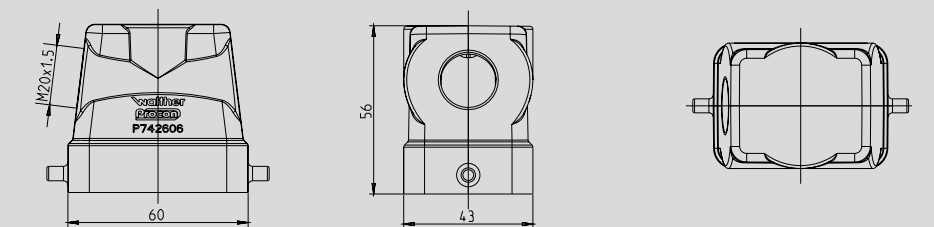
Panel cutout
52 x 35 mm



P743806

Coupler hoods, aluminum, height 61.5 mm
with single locking lever,
top cable entry

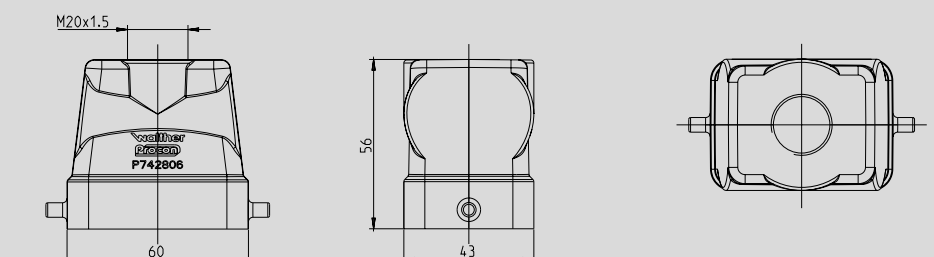
Please order the necessary quantity of collars + cable glands separately.



P742606

Hoods, aluminum, height 56 mm
with single locking lever,
side cable entry

Please order the necessary quantity of collars + cable glands separately.




P742806

Hoods, aluminum, height 56 mm
with single locking lever,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

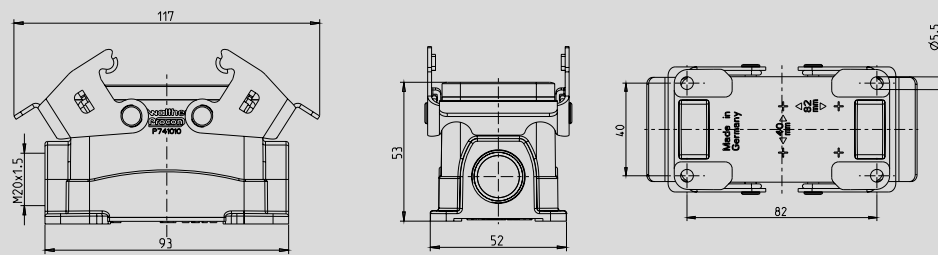
Housings for series BHT6

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
BHT6	1 x M 20	10 219	P741406MS		717648HT		7
	2 x M 20	217	P741506MS		717648HT		8
BHT6		10 101	744306				9
							10
BHT6	1 x M 20	10 188	P743806	710938	717648HT		11
							Inserts BHT
BHT6	1 x M 20	10 112	P742606	710938	717648HT		Housings BHT
							Inserts BV
BHT6	1 x M 20	10 112	P742806	710938	717648HT		Housings BV

Specifications for housings

Housings

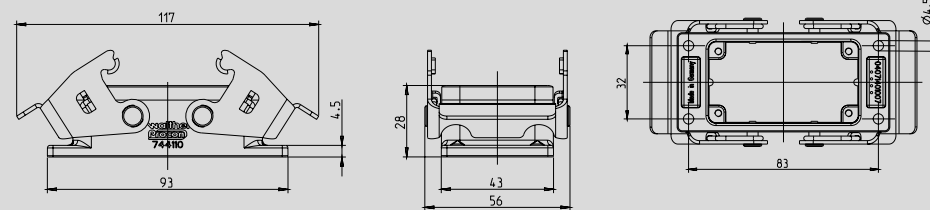
Material:	Aluminum die cast, sea water resistant
Surface:	powder coated, black
Locking levers:	V2 A 1.4001
Housing gasket:	Viton
Temperature range:	- 40 °C up to + 200 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P741010MS

Wall mount housings, aluminum, height 53 mm
with double locking levers

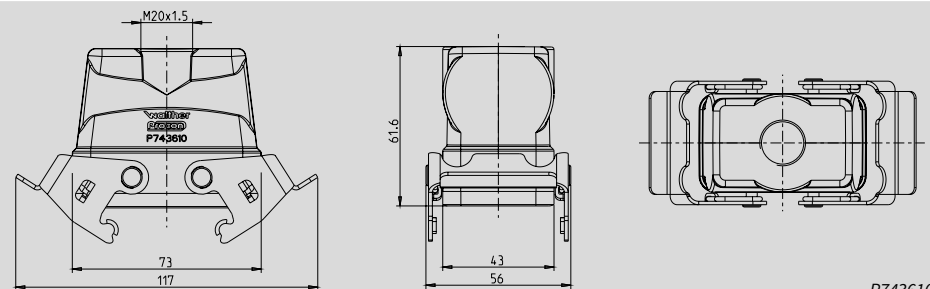
Please order the necessary quantity of collars + cable glands separately.



744110

Panel housing, aluminum, height 28 mm
with double locking levers

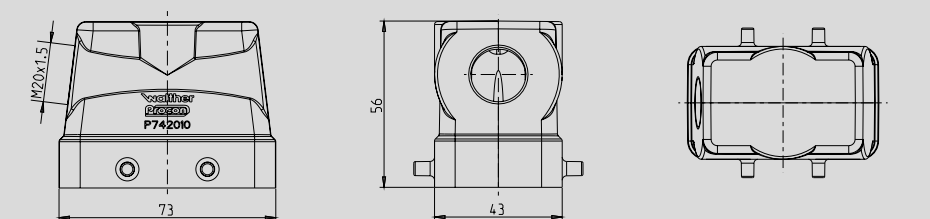
Panel cutout
65 x 35 mm



P743610

Coupler hoods, aluminum, height 61.5 mm
with double locking levers,
top cable entry

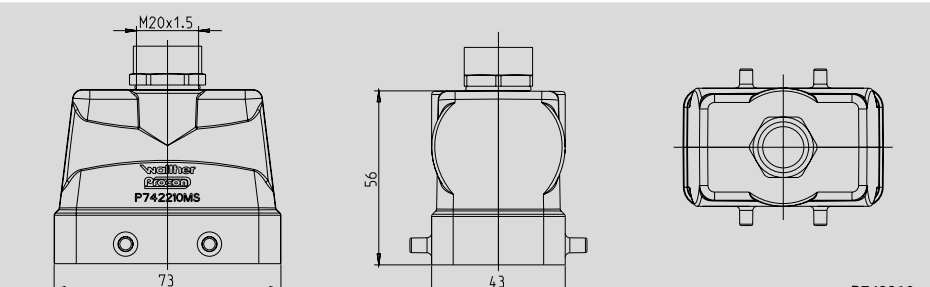
Please order the necessary quantity of collars + cable glands separately.



P742010

Hoods, aluminum, height 56 mm
for double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.



P742210

Hoods, aluminum, height 56 mm
for double locking levers,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

Housings for series BHT10

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
BHT10	1 x M 20	10 263	P741010MS		717648HT		4
	2 x M 20	226	P741110MS		717648HT		5
BHT10		10 137	744110				6
BHT10	1 x M 20	10 259	P743610	710938	717648HT		7
BHT10	1 x M 20	10 128	P742010	710938	717648HT		8
BHT10	1 x M 20	10 128	P742210	710938	717648HT		9

Inserts
BHT

Housings
BHT

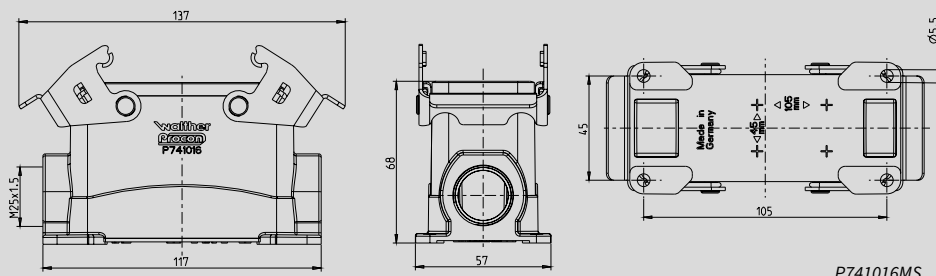
Inserts
BV

Housings
BV

Specifications for housings

Housings

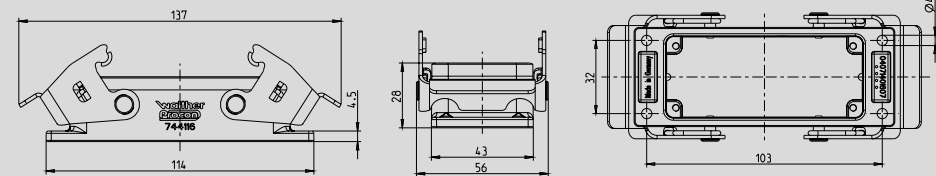
Material:	Aluminum die cast, sea water resistant
Surface:	powder coated, black
Locking levers:	V2 A 1.4001
Housing gasket:	Viton
Temperature range:	- 40 °C up to + 200 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P741016MS

Wall mount housings, aluminum, height 68 mm
with double locking levers

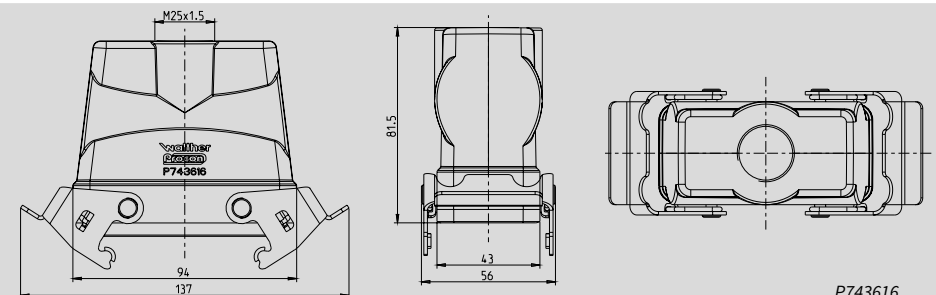
Please order the necessary quantity of collars + cable glands separately.



744116

Panel housing, aluminum, height 28 mm
with double locking levers

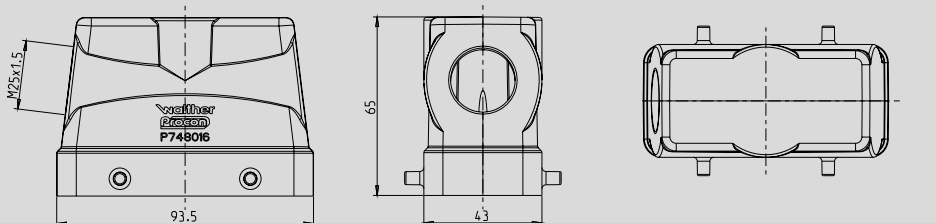
Panel cutout
65 x 35 mm



P743616

Coupler hoods, aluminum, height 81.5 mm
with double locking levers,
top cable entry

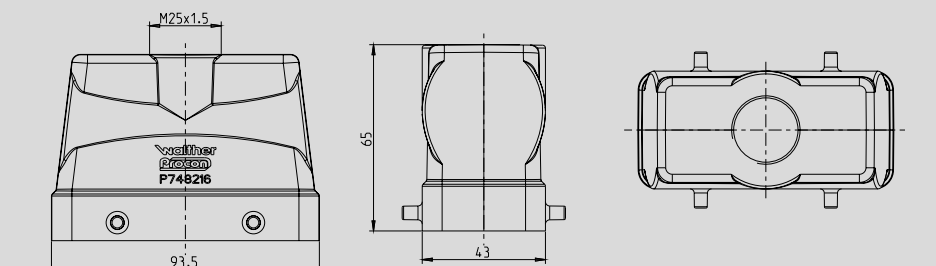
Please order the necessary quantity of collars + cable glands separately.



P748016

Hoods, aluminum, height 65 mm
for double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.



P748216

Hoods, aluminum, height 65 mm
for double locking levers,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

Housings for series BHT16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
BHT16	1 x M 25	10 369	P741016MS		717649HT		4
	2 x M 25	376	P741116MS		717649HT		5
BHT16		10 151	744116				6
BHT16	1 x M 25	10 273	P743616	710939	717649HT		7
	1 x M 32	271	P743716	710940	717650HT		8
BHT16	1 x M 25	10 167	P748016	710939	717649HT		9
BHT16	1 x M 25	10 168	P748216	710939	717649HT		10

Inserts
BHT

Housings
BHT

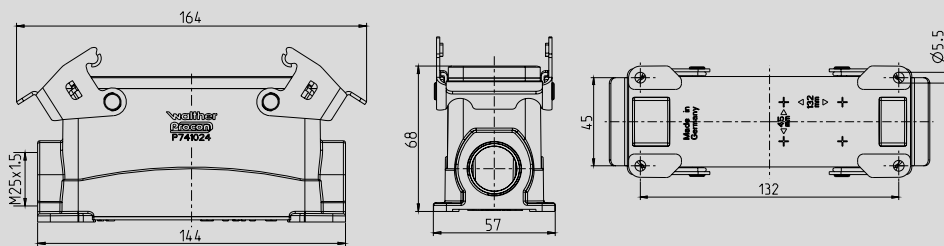
Inserts
BV

Housings
BV

Specifications for housings

Housings

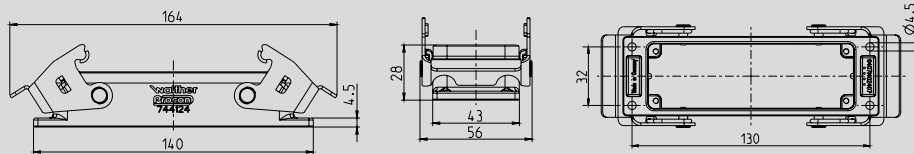
Material:	Aluminum die cast, sea water resistant
Surface:	powder coated, black
Locking levers:	V2 A 1.4001
Housing gasket:	Viton
Temperature range:	- 40 °C up to + 200 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P741024MS

Wall mount housings, aluminum, height 68 mm
with double locking levers

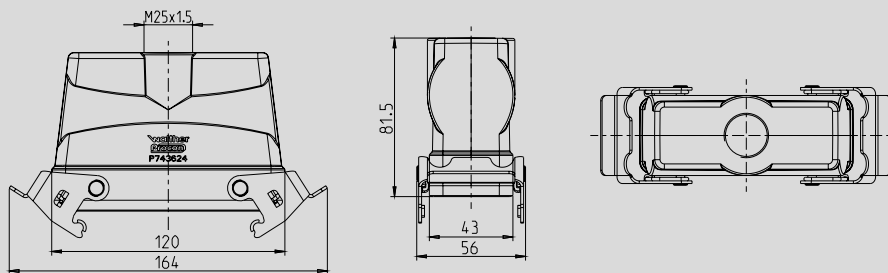
Please order the necessary quantity of collars + cable glands separately.



744124

Panel housing, aluminum, height 28 mm
with double locking levers

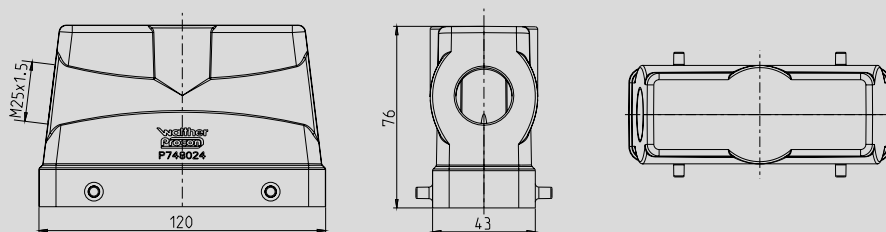
Panel cutout
65 x 35 mm



P743624

Coupler hoods, aluminum, height 81.5 mm,
with double locking levers,
top cable entry

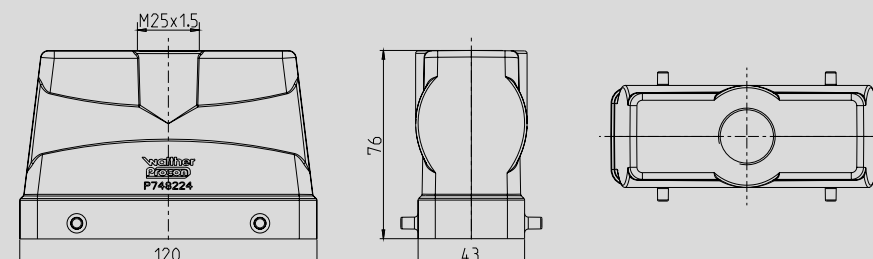
Please order the necessary quantity of collars + cable glands separately.



P748024

Hoods, aluminum, height 76 mm
for double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.




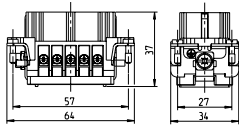

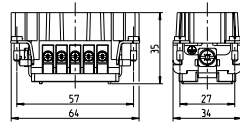
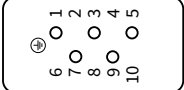
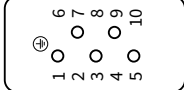
P748224

Hoods, aluminum, height 76 mm
for double locking levers
top cable entry

Please order the necessary quantity of collars + cable glands separately.

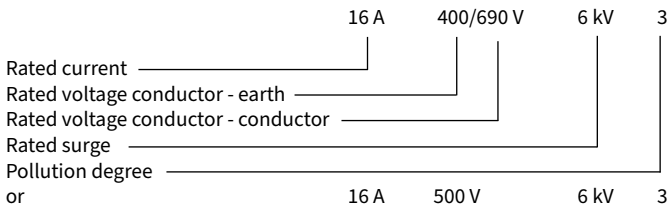
Housings for series BHT24

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
BHT24	1 x M 25	10 454	P741024MS		717649HT		7
	2 x M 25	432	P741124MS		717649HT		8
							9
							10
BHT24		10 168	744124				11
							Inserts BHT
BHT24	1 x M 25	10 315	P743624	710939	717649HT		Housings BHT
	1 x M 32	312	P743724	710940	717650HT		Inserts BV
							Housings BV
BHT24	1 x M 25	10 232	P748024	710939	717649HT		
	1 x M 32	225	P748124	710940	717650HT		
BHT24	1 x M 25	10 234	P748224	710939	717649HT		
	1 x M 32	230	P748324	710940	717650HT		

Approvals/Certification mark	Female insert	Male insert
DIN VDE 0627 DIN VDE 0110 DIN EN 61 984 SEV, MEIE, EZÚ	 	 
Part number	730103	730203
Packaging unit	10 pcs.	10 pcs.
Weight	54 g	52 g
Contact arrangement		
View from termination side		

Specifications for series BV3

Electrical data acc. to DIN EN 61 984:



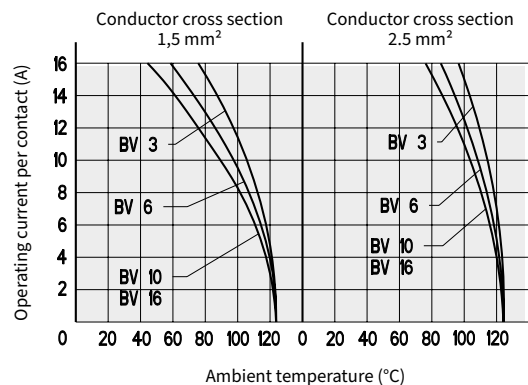
Rated voltage: 250 V
 Switch contact pins: 250 V
 Material: Glassfiber-reinforced polyamide
 Temperature range: -40 °C up to +125 °C
 Flame class rating acc. to UL 94: V 0



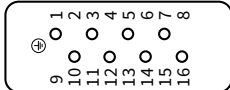

Mechanical operating life: ≥ 500
 Mating cycles: ≥ 500

Contacts:
 Material: Copper alloy
 Surface: hard silver-plated: 3 μm Ag
 hard gold-plated: 2 μm Au placed on top of 3 μm Ni
 Contact resistance: < 1 m Ω
 Screw terminal with wire protection: 2.5 mm² (14 AWG)
 Torque / testing torque: 0.5 Nm
 Wire stripping length: 7 mm if using screw terminals

Housings:
 Material: Aluminum die cast
 Surface: powder coated
 Locking levers: Plastic;
 locking elements made of stainless steel
 Housing gasket: NBR
 Temperature range: -40 °C up to +125 °C
 (depending on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)

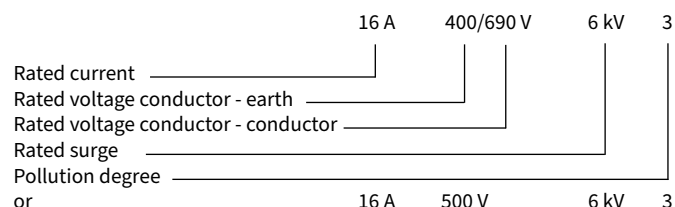
The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.



Approvals/Certification mark	Female insert	Male insert
DIN VDE 0627 DIN VDE 0110 DIN EN 61 984		
Part number	730106	730206
Packaging unit	10 pcs.	10 pcs.
Weight	71 g	67 g
Contact arrangement		
View from termination side		

Specifications for series BV6

Electrical data acc. to DIN EN 61 984:



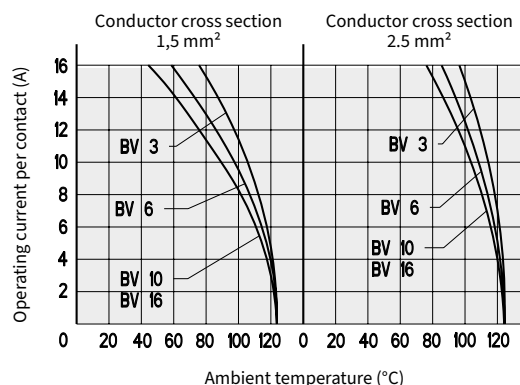
Rated voltage
Switch contact pins: 250 V
Material: Glassfiber-reinforced polyamide
Temperature range: - 40 °C up to + 125 °C
Flame class rating acc. to UL 94: V 0



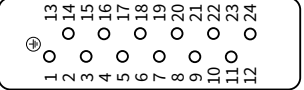
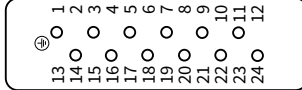
Mechanical operating life:
Mating cycles: ≥ 500

Contacts:
Material: Copper alloy
Surface: hard silver-plated: 3 µm Ag
 hard gold-plated: 2 µm Au placed on top of 3 µm Ni
Contact resistance: < 1 m Ω
Screw terminal with wire protection: 2.5 mm² (14 AWG)
Torque / testing torque: 0.5 Nm
Wire stripping length: 7 mm if using screw terminals

Housings:
Material: Aluminum die cast
Surface: powder coated
Locking levers: Plastic;
 locking elements made of stainless steel
Housing gasket: NBR
Temperature range: - 40 °C up to + 125 °C
 (dependent on cable gland)
Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)

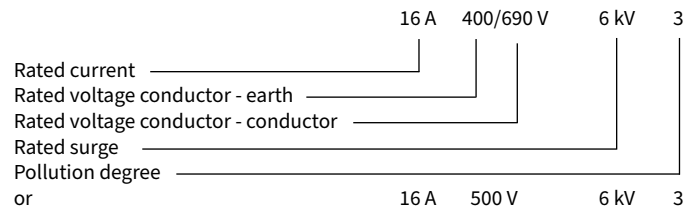
The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.



Approvals/Certification mark	Female insert	Male insert
DIN VDE 0627 DIN VDE 0110 DIN EN 61 984		
Part number	730110	730210
Packaging unit	10 pcs.	10 pcs.
Weight	96 g	96 g
Contact arrangement		
View from termination side		

Specifications for series BV10

Electrical data acc. to DIN EN 61 984:



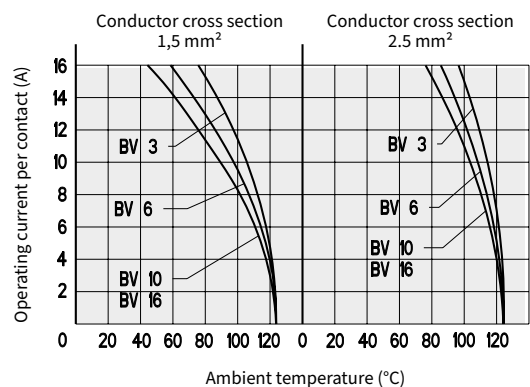
Rated voltage: 250 V
 Switch contact pins: 250 V
 Material: Glassfiber-reinforced polyamide
 Temperature range: -40 °C up to +125 °C
 Flame class rating acc. to UL 94: V 0

Mechanical operating life: ≥ 500
 Mating cycles: ≥ 500

Contacts:
 Material: Copper alloy
 Surface: hard silver-plated: 3 µm Ag
 hard gold-plated: 2 µm Au placed on top of 3 µm Ni
 Contact resistance: < 1 m Ω
 Screw terminal with wire protection: 2.5 mm² (14 AWG)
 Torque / testing torque: 0.5 Nm
 Wire stripping length: 7 mm if using screw terminals

Housings:
 Material: Aluminum die cast
 Surface: powder coated
 Locking levers: Plastic;
 locking elements made of stainless steel
 Housing gasket: NBR
 Temperature range: -40 °C up to +125 °C
 (dependent on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)

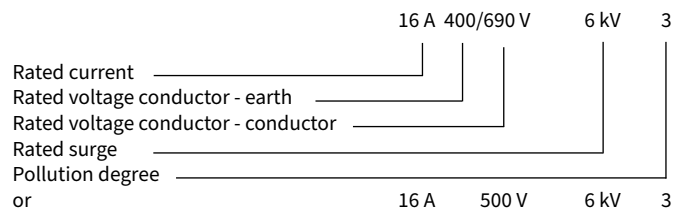
The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.



Approvals/Certification mark	Female insert	Male insert
DIN VDE 0627 DIN VDE 0110 DIN EN 61 984		
Part number	710116	730216
Packaging unit	10 pcs.	10 pcs.
Weight	140 g	120 g
	with wire protection 0.5-2.5 mm ² (20-14 AWG)	with wire protection 0.5-2.5 mm ² (20-14 AWG)
Contact arrangement		
View from termination side		

Specifications for series BV16

Electrical data acc. to DIN EN 61 984:



Rated voltage: 250 V
 Switch contact pins: 250 V
 Material: Glassfiber-reinforced polyamide
 Temperature range: - 40 °C up to + 125 °C
 Flame class rating acc. to UL 94: V 0

Mechanical operating life: ≥ 500
 Mating cycles: ≥ 500

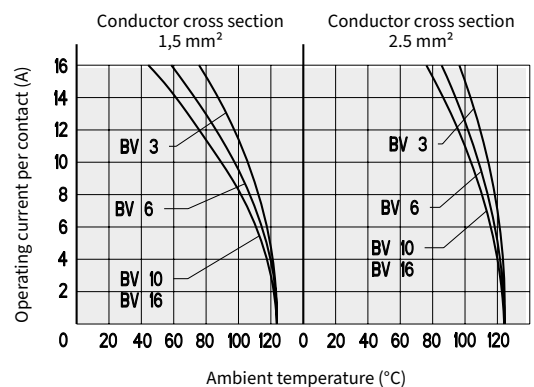
Contacts:

Material: Copper alloy
 Surface: hard silver-plated: 3 μm Ag
 hard gold-plated: 2 μm Au placed on top of 3 μm Ni
 Contact resistance: < 1 mΩ
 Screw terminal with wire protection: 2.5 mm² (14 AWG)
 Torque / testing torque: 0.5 Nm
 Wire stripping length: 7 mm if using screw terminals

Housings:

Material: Aluminum die cast
 Surface: powder coated
 Locking levers: Plastic;
 locking elements made of stainless steel
 Housing gasket: NBR
 Temperature range: - 40 °C up to + 125 °C
 (dependent on cable gland)
 Protection degree acc. to DIN EN 60 529: IP 65 (in locked condition)

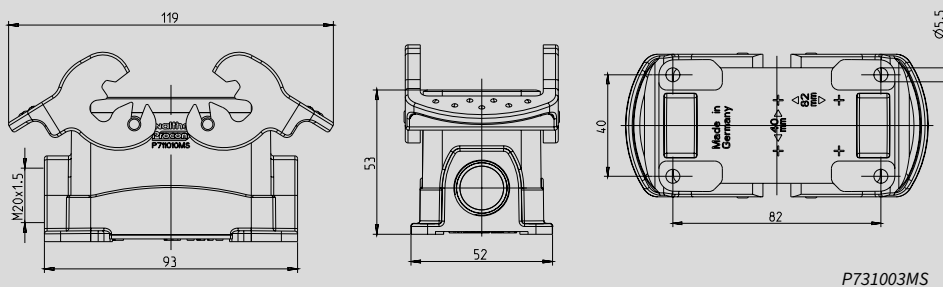
The derating diagram (corrected current capacity curve) acc. to DIN IEC 60 512 applies to such current which can – depending on ambient temperature and conductor cross section – circulate through each contact without exceeding the upper limiting temperature.



Specifications for housings

Housings

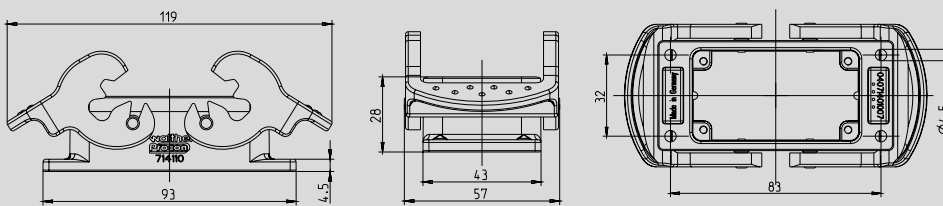
Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P731003MS

Wall mount housings, aluminum, height 53 mm
with double locking levers

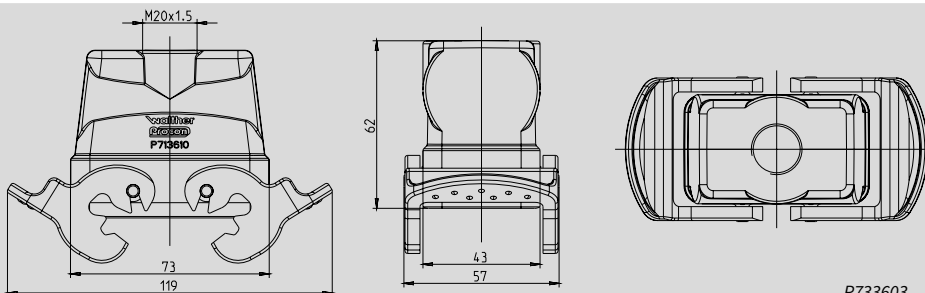
Please order the necessary quantity of glands separately.



734103

Panel housing, aluminum, height 28 mm
with double locking levers

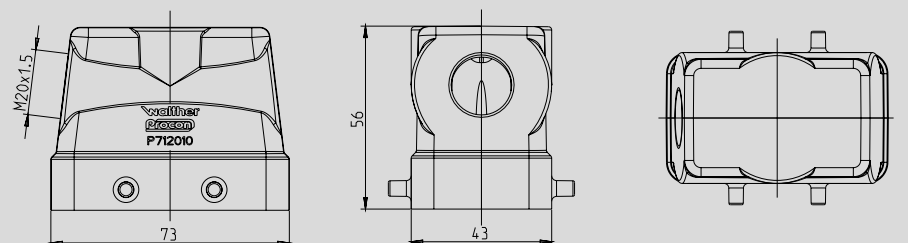
Panel cutout
65 x 35 mm



P733603

Coupler hoods, aluminum, height 62 mm
with double locking levers,
top cable entry

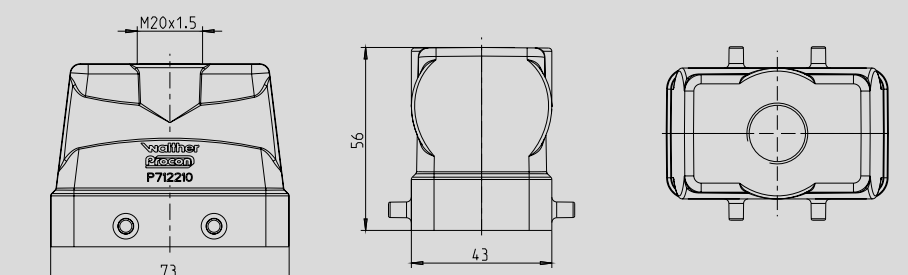
Please order the necessary quantity of collars + cable glands separately.



P732003

Hoods, aluminum, height 56 mm
for double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.



P732003

Hoods, aluminum, height 56 mm
for double locking levers,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

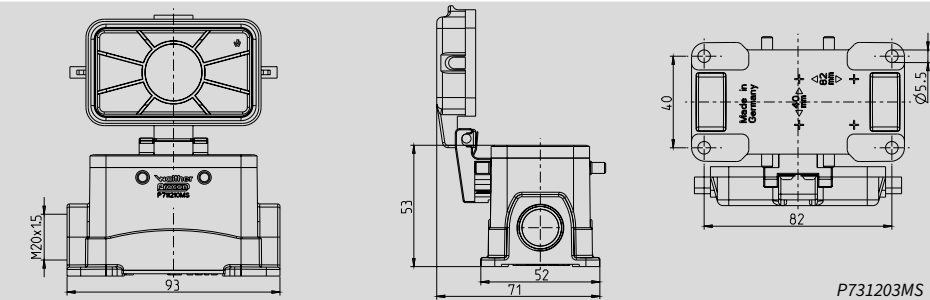
Housings for series BV3

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
BV3	1 x M 20	10 195	P731003MS		717637		4
	2 x M 20	193	P731103MS		717637		5
BV3		10 102	734103				6
							Inserts BHT
BV3	1 x M 20	10 173	P733603	710938	719629		7
BV3	1 x M 20	10 171	P732003	710938	719629		8
BV3	1 x M 20	10 171	P732203	710938	719629		9
							Housings One Touch

Specifications for housings

Housings

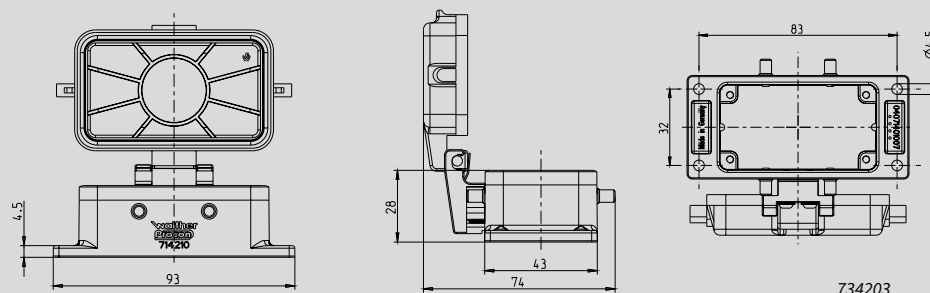
Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P731203MS

Wall mount housings, aluminum, height 53 mm
for double locking levers,
with hinged lid

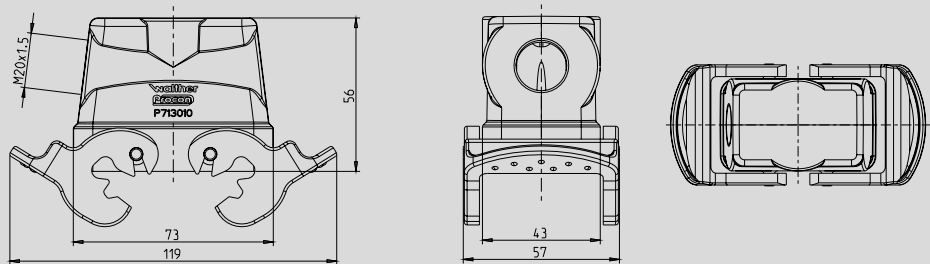
Please order the necessary quantity of glands separately.



734203

Panel housing, aluminum, height 28 mm
for double locking levers,
with hinged lid

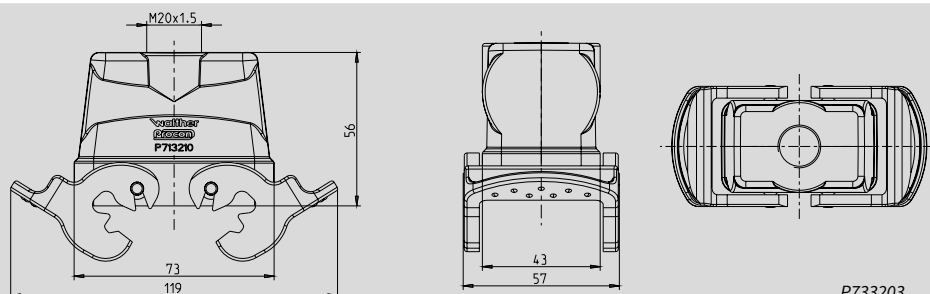
Panel cutout
65 x 35 mm



P733003

Hoods, aluminum, height 56 mm
with double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.



P733203

Hoods, aluminum, height 56 mm
with double locking levers,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

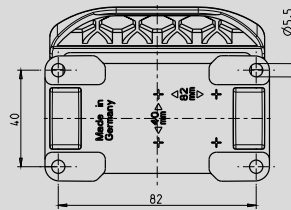
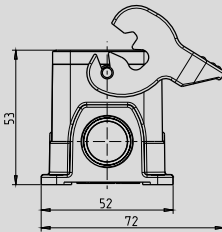
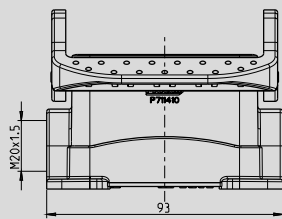
Housings for series BV3

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
BV3	1 x M 20	10 171	P731203MS		717637		7
	2 x M 20	168	P731303MS		717637		8
BV3		10 137	734203				9
							10
BV3	1 x M 20	10 171	P733003	710938	719629		11
							Inserts BHT
							Housings BHT
BV3	1 x M 20	10 171	P733203	710938	719629		Inserts BV
							Housings BV
							Inserts One Touch
							Housings One Touch

Specifications for housings

Housings

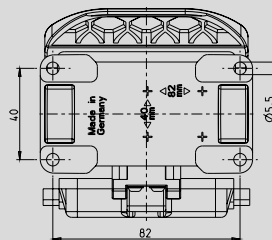
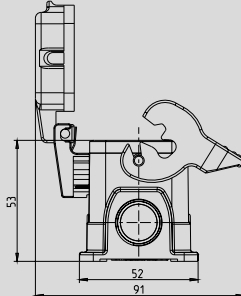
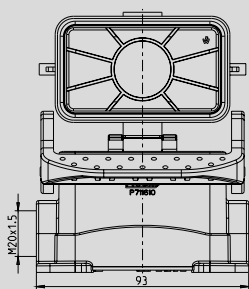
Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P731403MS

Wall mount housings, aluminum, height 53 mm
with single locking lever

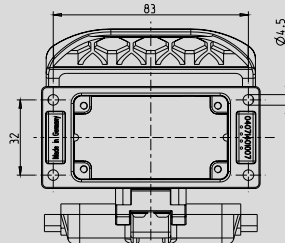
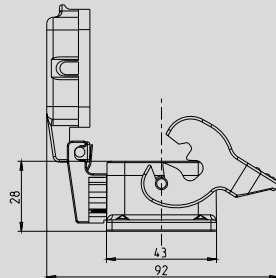
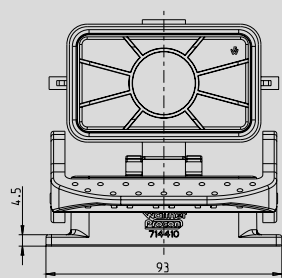
Please order the necessary quantity of glands separately.



P731603MS

Wall mount housings, aluminum, height 53 mm
with single locking lever,
with hinged lid

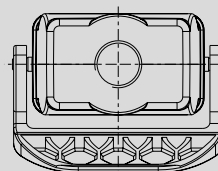
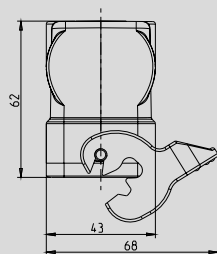
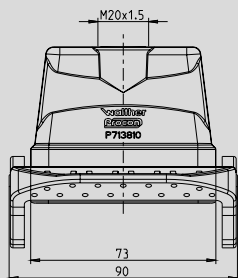
Please order the necessary quantity of glands separately.



734403

Panel housing, aluminum, height 28 mm
with single locking lever,
with hinged lid

Panel cutout
65 x 35 mm






P733803

Coupler hoods, aluminum, height 62 mm
with single locking lever,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

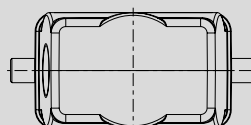
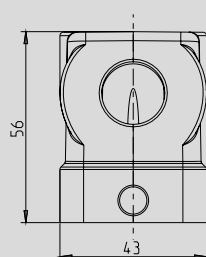
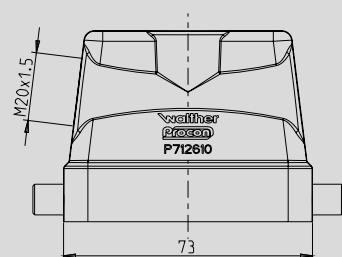
Housings for series BV3

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
BV3	1 x M 20	10 195	P731403MS		717637		7
	2 x M 20	193	P731503MS		717637		8
BV3	1 x M 20	10 227	P731603MS		717637		9
	2 x M 20	224	P731703MS		717637		10
BV3		10 152	734403				11
							Inserts BHT
BV3	1 x M 20	10 138	P733803	710938	719629		Housings BHT
							Inserts BV
							Housings BV
							Inserts One Touch
							Housings One Touch

Specifications for housings

Housings

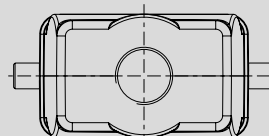
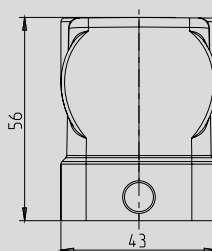
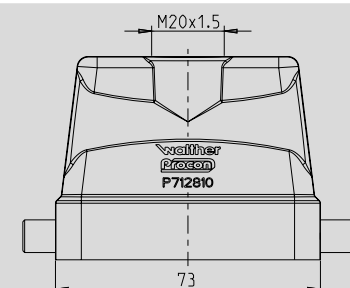
Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P732603

Hoods, aluminum, height 56 mm
with single locking lever,
side cable entry

Please order the necessary quantity of collars + cable glands separately.



P732803

Hoods, aluminum, height 56 mm
for single locking lever,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

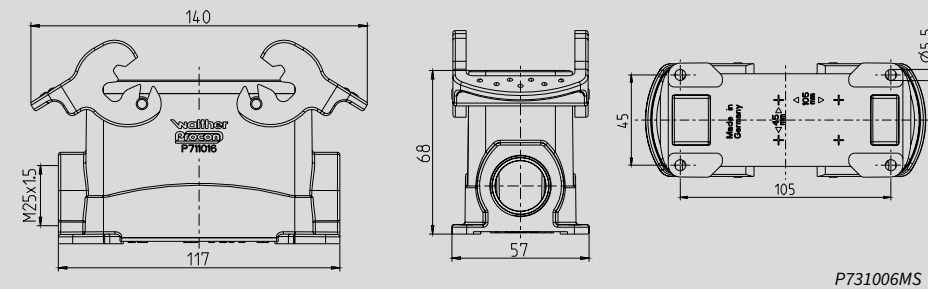
Housings for series BV3

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
BV3	1 x M 20	10 186	P732603	710938	719629		7
							8
							9
BV3	1 x M 20	10 108	P732803	710938	719629		10
							11
							Inserts BHT
							Housings BHT
							Inserts BV
							Housings BV
							Inserts One Touch
							Housings One Touch

Specifications for housings

Housings

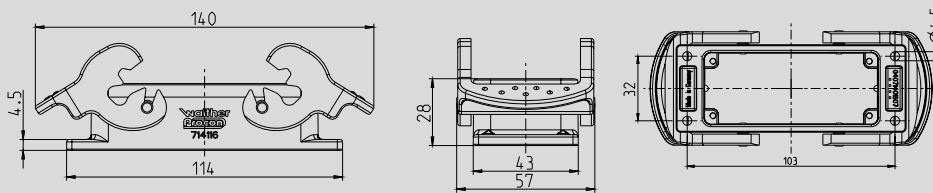
Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



Wall mount housings, aluminum, height 68 mm
with double locking levers

Please order the necessary quantity of glands separately.

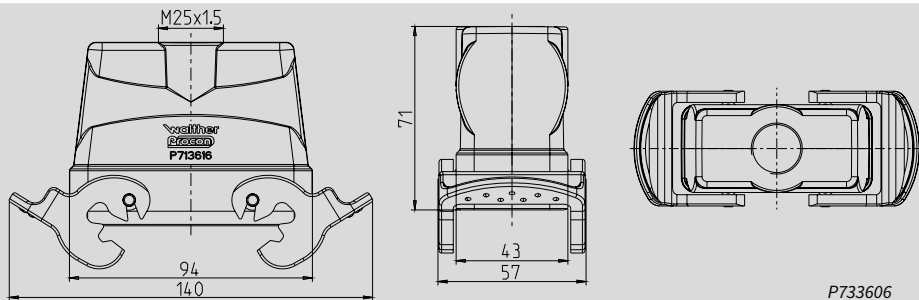
P731006MS



Panel housing, aluminum, height 28 mm
with double locking levers

Panel cutout
86 x 35 mm

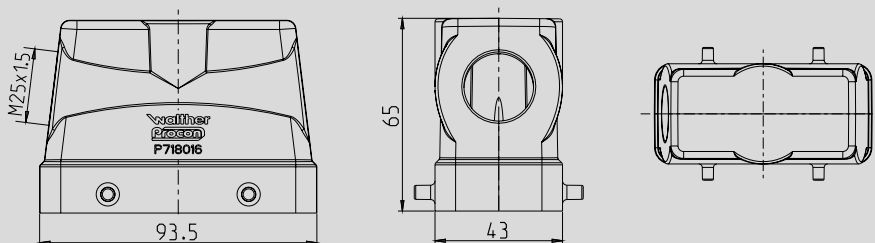
734106



Coupler hoods, aluminum, height 71 mm
with double locking levers,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

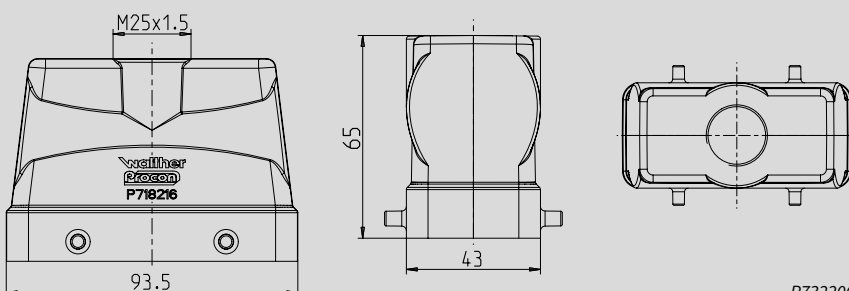
P733606



Hoods, aluminum, height 65 mm
for double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.

P732006



Hoods, aluminum, height 65 mm
for double locking levers,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

P732206

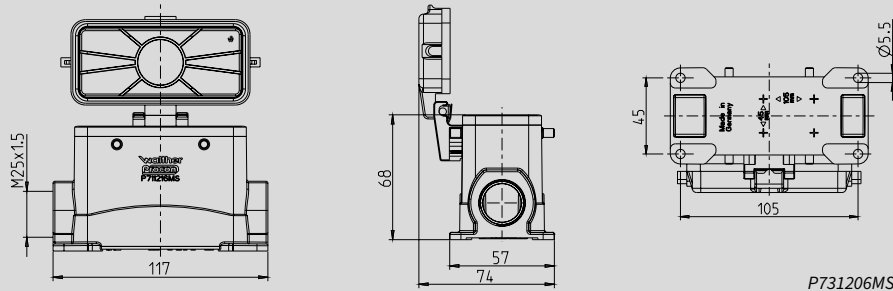
Housings for series BV6

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
BV6	1 x M 25	10 195	P731006MS		717638		4
	2 x M 25	193	P731106MS		717638		5
BV6		10 111	734106				6
							7
BV6	1 x M 25	10 171	P733606	710939	719630		8
							9
BV6	1 x M 25	10 171	P732006	710939	719630		10
							11
BV6	1 x M 25	10 171	P732206	710939	719630		Inserts BHT
							Housings BHT
							Inserts BV
							Housings BV
							Inserts One Touch
							Housings One Touch

Specifications for housings

Housings

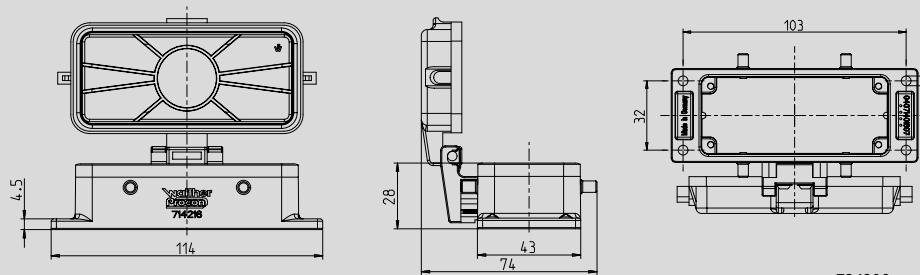
Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P731206MS

Wall mount housings, aluminum, height 68 mm
for double locking levers,
with hinged lid

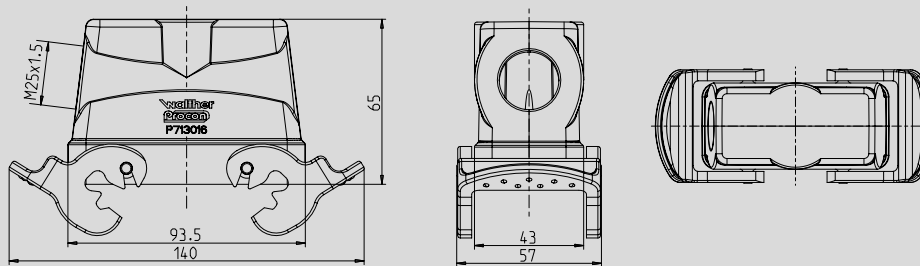
Please order the necessary quantity of glands separately.



734206

Panel housing, aluminum, height 28 mm
for double locking levers,
with hinged lid

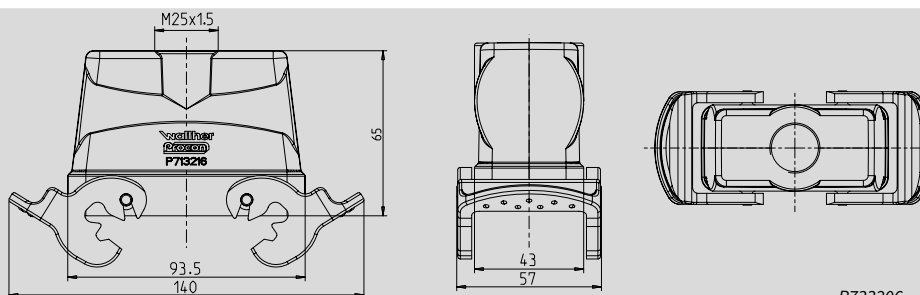
Panel cutout
86 x 35 mm



P733006

Hoods, aluminum, height 65 mm
with double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.



P733206

Hoods, aluminum, height 65 mm
with double locking levers,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

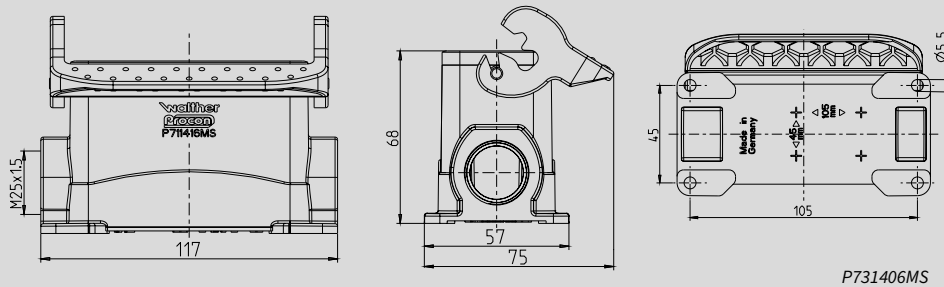
Housings for series BV6

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
BV6	1 x M 25	10 171	P731206MS		717638		7
	2 x M 25	168	P731306MS		717638		8
BV6		10 125	734206				9
							10
BV6	1 x M 25	10 171	P733006	710939	719630		11
							Inserts BHT
							Housings BHT
BV6	1 x M 25	10 171	P733206	710939	719630		Inserts BV
							Housings BV
							Inserts One Touch
							Housings One Touch

Specifications for housings

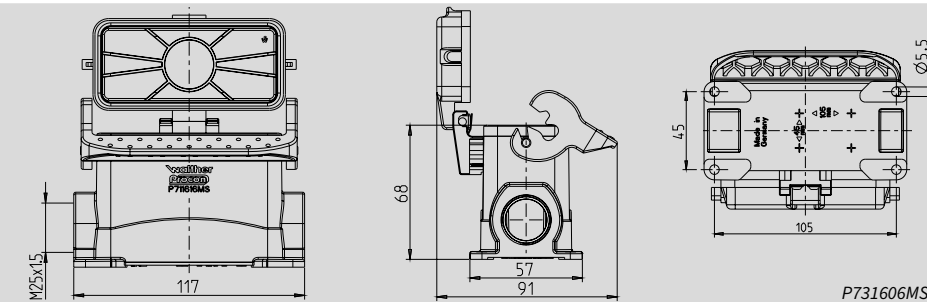
Housings

Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



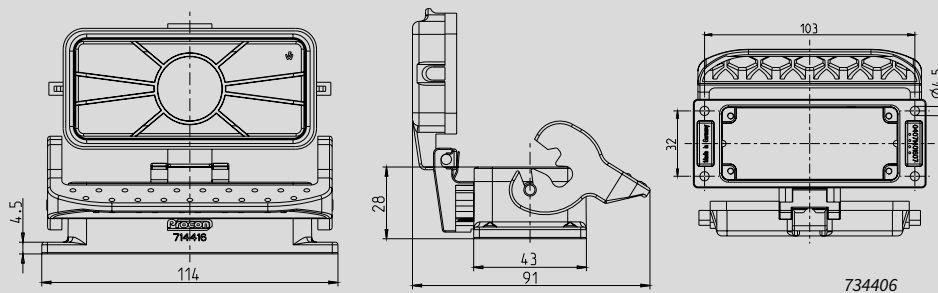
Wall mount housings, aluminum, height 68 mm with single locking lever

Please order the necessary quantity of glands separately.



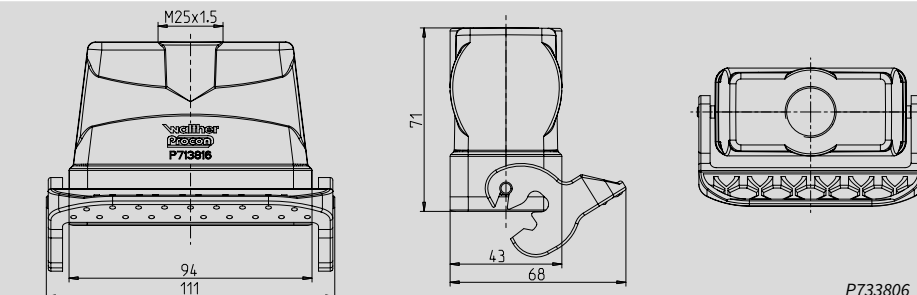
Wall mount housings, aluminum, height 68 mm with single locking lever, with hinged lid

Please order the necessary quantity of glands separately.



Panel housing, aluminum, height 28 mm with single locking lever, with hinged lid

Panel cutout
65 x 35 mm



Coupler hoods, aluminum, height 71 mm with single locking lever, top cable entry

Please order the necessary quantity of collars + cable glands separately.

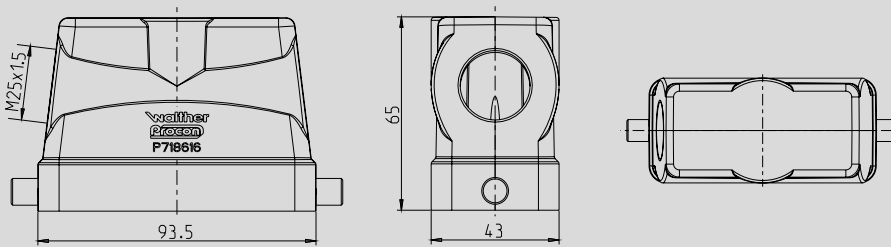
Housings for series BV6

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
BV6	1 x M 25	10 195	P731406MS		717638		4
	2 x M 25	193	P731506MS		717638		5
BV6	1 x M 25	10 379	P731606MS		717638		6
	2 x M 25	376	P731706MS		717638		7
BV6		10 149	734406				8
							9
BV6	1 x M 25	10 192	P733806	710939	719630		10
							11

Specifications for housings

Housings

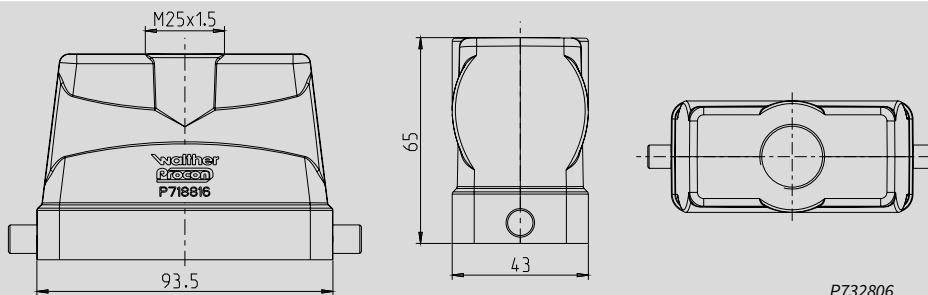
Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P732606

Hoods, aluminum, height 65 mm
with single locking lever,
side cable entry

Please order the necessary quantity of collars + cable glands separately.



P732806

Hoods, aluminum, height 65 mm
for single locking lever,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

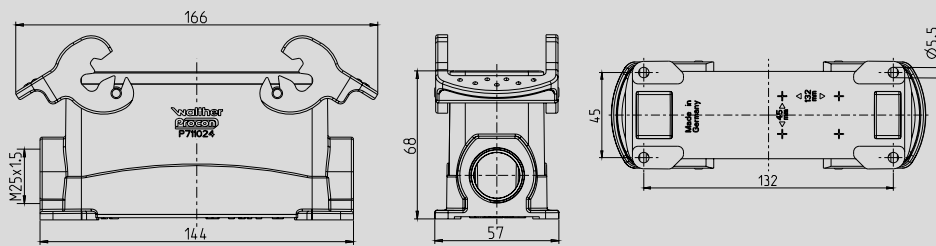
Housings for series BV6

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
		10					7
BV6	1 x M 25	178	P732606	710939	719630		8
							9
		10					10
BV6	1 x M 25	175	P732806	710939	719630		11
							Inserts BHT
							Housings BHT
							Inserts BV
							Housings BV
							Inserts One Touch
							Housings One Touch

Specifications for housings

Housings

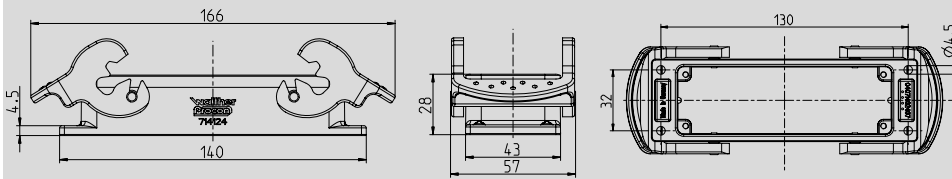
Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P731010MS

Wall mount housings, aluminum, height 68 mm
with double locking levers

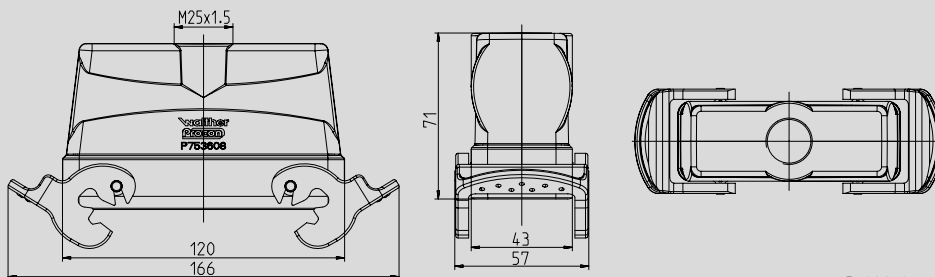
Please order the necessary quantity of glands separately.



734110

Panel housing, aluminum, height 28 mm
with double locking levers

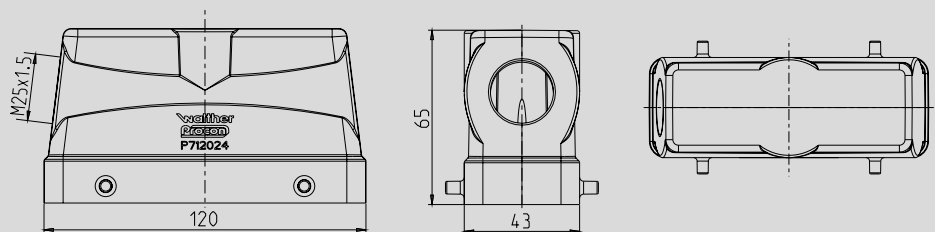
Panel cutout
112 x 35 mm



P733610

Coupler hoods, aluminum, height 71 mm
with double locking levers,
top cable entry

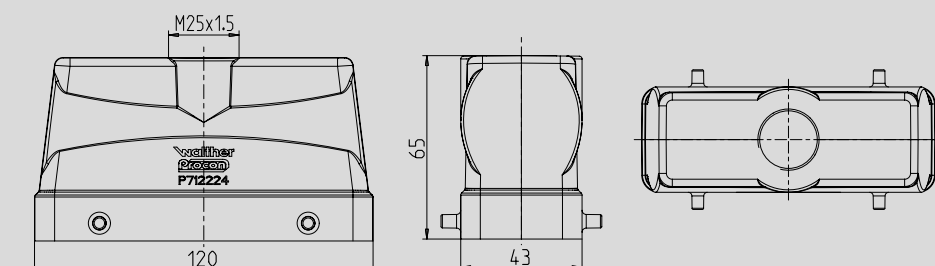
Please order the necessary quantity of glands separately.



P732010

Hoods, aluminum, height 65 mm
for double locking levers,
side cable entry

Please order the necessary quantity of glands separately.







P732210

Hoods, aluminum, height 65 mm
for double locking levers,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

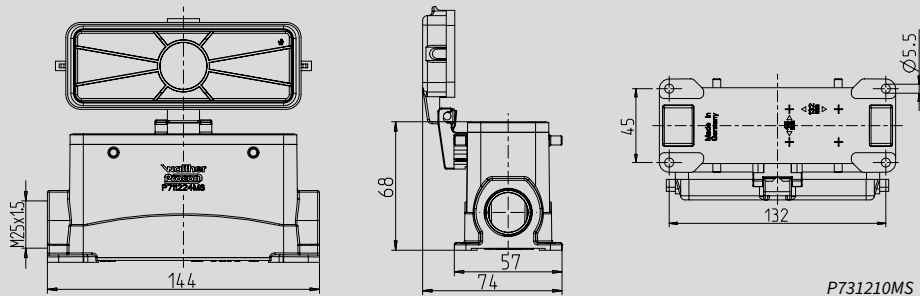
Housings for series BV10/16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
BV10/16	1 x M 25	10 195	P731010MS		717638		4
	2 x M 25	193	P731110MS		717638		5
BV10/16		10 125	734110				6
							7
BV10/16	1 x M 25	10 242	P733610	710938	719630		8
	1 x M 32	240	P733710	710939	719631		9
BV10/16	1 x M 25	10 204	P732010	710938	719630		10
	1 x M 32	196	P732110	710939	719631		11
BV10/16	1 x M 25	10 171	P732210	710939	719630		Inserts BHT

Specifications for housings

Housings

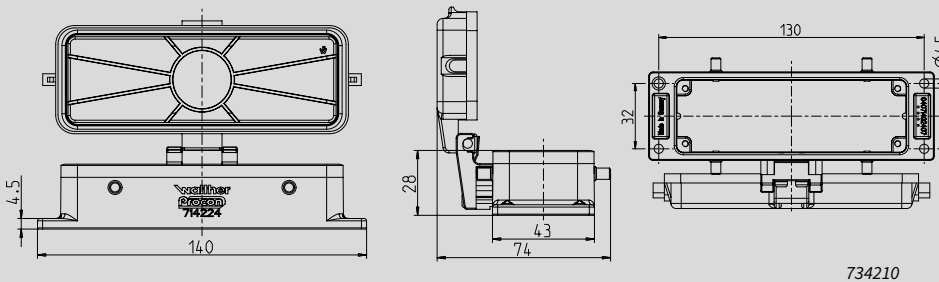
Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



Wall mount housings, aluminum, height 68 mm
for double locking levers,
with hinged lid

Please order the necessary quantity of glands separately.

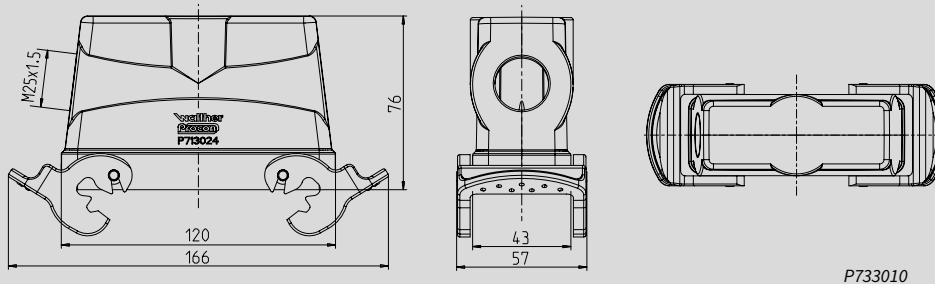
P731210MS



Panel housing, aluminum, height 28 mm
for double locking levers,
with hinged lid

Panel cutout
112 x 35 mm

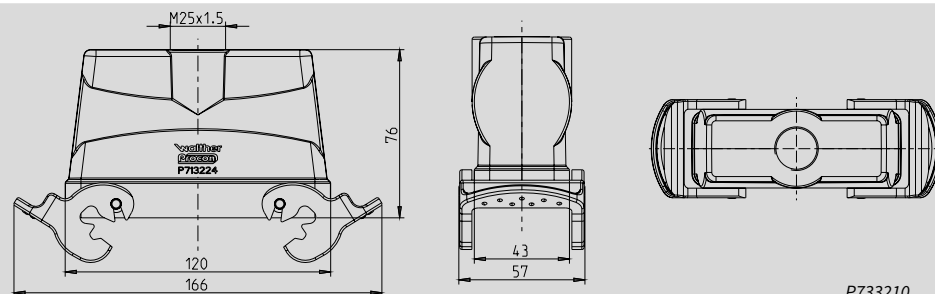
734210



Hoods, aluminum, height 76 mm
with double locking levers,
side cable entry

Please order the necessary quantity of collars + cable glands separately.

P733010



Hoods, aluminum, height 76 mm
with double locking levers,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

P733210

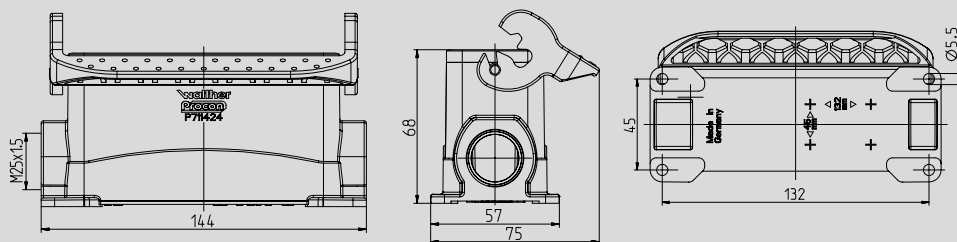
Housings for series BV10/16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Double locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
BV10/16	1 x M 25	10 171	P731210MS		717638		4
	2 x M 25	168	P731310MS		717638		5
BV10/16		10 105	734210				6 7 8
BV10/16	1 x M 25	10 171	P733010	710938	719630		9
	1 x M 32	171	P733110	710939	719631		10
BV10/16	1 x M 25	10 171	P733210	710938	719630		11
	1 x M 32	171	P733310	710939	719631		Inserts BHT
							Housings BHT
							Inserts BV
							Housings BV
							Inserts One Touch
							Housings One Touch

Specifications for housings

Housings

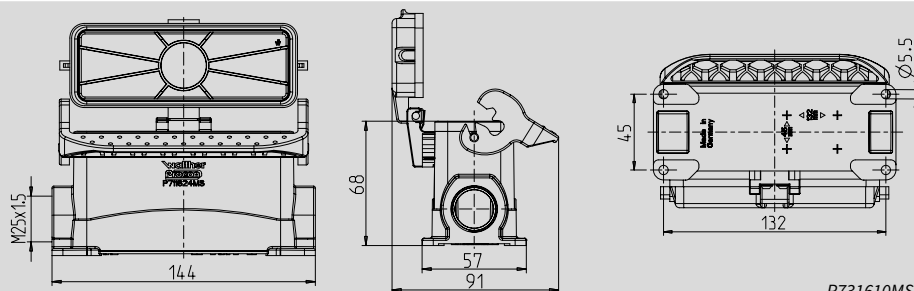
Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P731410MS

Wall mount housings, aluminum, height 68 mm
with single locking lever

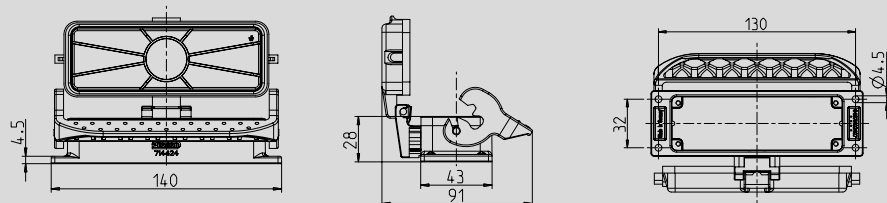
Please order the necessary quantity of glands separately.



P731610MS

Wall mount housings, aluminum, height 68 mm
with single locking lever,
with hinged lid

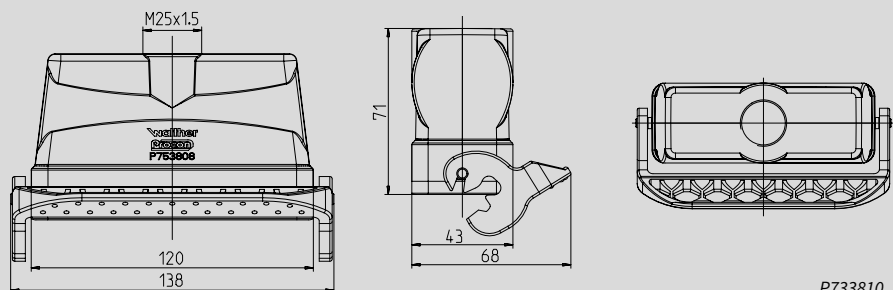
Please order the necessary quantity of glands separately.



734410

Panel housing, aluminum, height 28 mm
with single locking lever,
with hinged lid

Panel cutout
65 x 35 mm



P733810

Coupler hoods, aluminum, height 71 mm
with single locking lever,
top cable entry

Please order the necessary quantity of collars + cable glands separately.

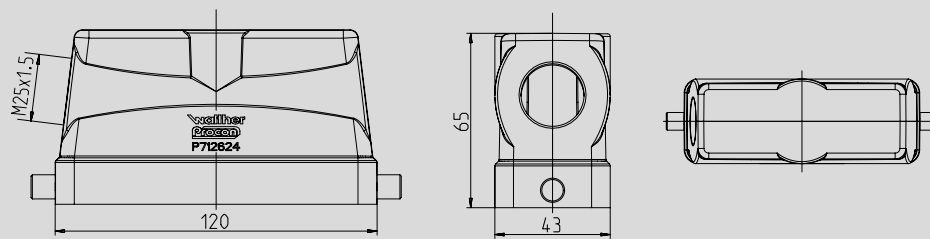
Housings for series BV10/16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
BV10/16	1 x M 25	10 195	P731410MS		717638		7
	2 x M 25	193	P731510MS		717638		8
BV10/16	1 x M 25	10 227	P731610MS		717638		10
	2 x M 25	224	P731710MS		717638		11
BV10/16		10 168	734410				Housings BHT
							Inserts BV
BV10/16	1 x M 25	10 111	P733810	710939	719630		Housings BV
	1 x M 32	110	P733910	710940	719631		Inserts One Touch
							Housings One Touch

Specifications for housings

Housings

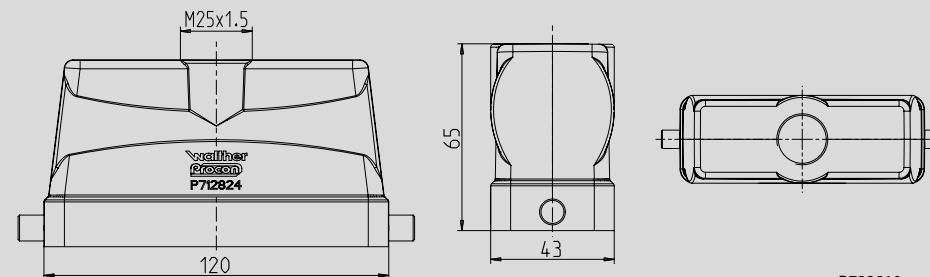
Material:	Aluminum die cast
Surface:	powder coated
Locking levers:	plastic PA6
Housing gasket:	NBR
Temperature range:	- 40 °C up to + 125 °C (depending on cable gland)
Protection degree acc. to DIN EN 60 529:	IP 65 (in locked condition)



P732610

Hoods, aluminum, height 65 mm
with single locking lever
side cable entry

Please order the necessary quantity of collars + cable glands separately.



P732810


Hoods, aluminum, height 65 mm
for single locking lever
top cable entry

Please order the necessary quantity of collars + cable glands separately.

Housings for series BV10/16

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands	Housings: Single locking system	1
			Part no.:	Part no.:	Part no.:		2
							3
							4
							5
							6
BV10/16	1 x M 25	10 205	P732610	710939	719630		7
	1 x M 32	203	P732710	710940	719631		8
							9
							10
BV10/16	1 x M 25	10 215	P732810	710939	719630		11
							Inserts BHT
							Housings BHT
							Inserts BV
							Housings BV
							Inserts One Touch
							Housings One Touch

PROCON One Touch housings can be fitted with the following inserts:

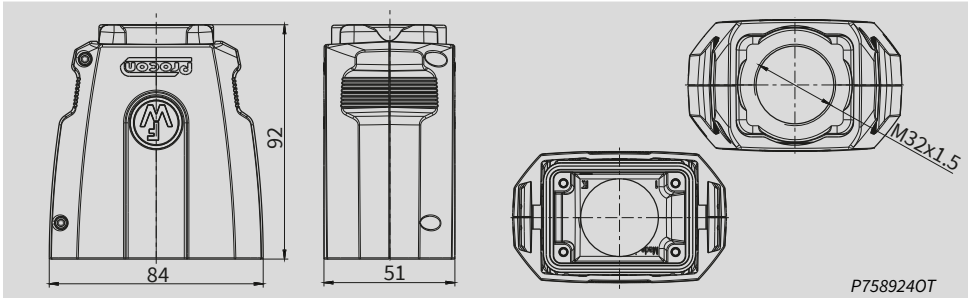
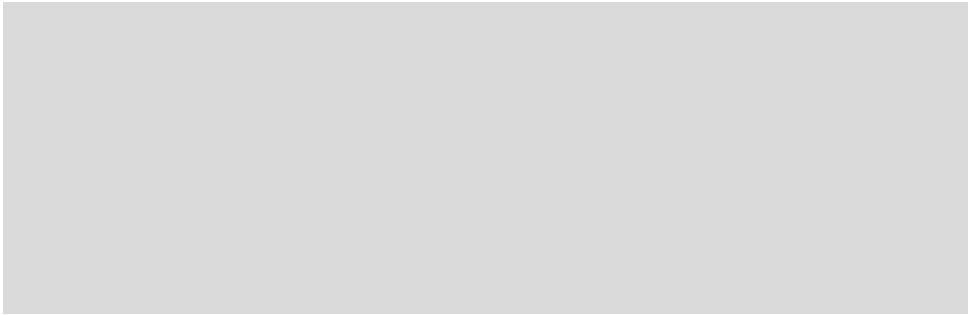
	Screw terminal inserts		Crimp contact carriers		IDC inserts		Push-in inserts		Wiring adapters for panel housings	
B 6	Female insert, screw terminal, with wire protection No. 710106 	Male insert, screw terminal, with wire protection No. 710206 			Female insert, IDC terminal No. 71010601 	Male insert, IDC terminal No. 71020601 	Female insert, push-in contacts No. 71010604 	Male insert, push-in contacts No. 71020604 	Wiring adapter, female insert, earth pin on the right: No. 710657 	Wiring adapter, male insert, earth pin on the right: No. 710665 
	Female insert, screw terminal, w/o wire protection No. 710769	Male insert, screw terminal, w/o wire protection No. 710773							earth pin on the left: No. 710661	earth pin on the left: No. 710669
BB 10			Crimp contact carriers for sleeve contacts No. 710311 	Crimp contact carriers for pin contacts No. 710411 						
DD 24			Crimp contact carriers for sleeve contacts No. 750124 	Crimp contact carriers for pin contacts No. 750224 						
MOB 6	Female frame MO B6 for 2 contact carriers for female and male contacts (frame coding A-B) No. 770006 				Male frame MO B6 for 2 contact carriers for female and male contacts (frame coding A-B) No. 770106 					

Inserts of series MO (modular system)

Series	Number of poles	Insert labeling	Volt AC	Ampere	Insert	Contacts	
MO	MO 3P coax	3	without	250	-	Sleeve 771203 	772400 772410
	MO 3P coax	3	without	250	-	Pin 771303 	772500 772510
	MO 2P	1 + PE	1	1000	80	Sleeve 771401 	
	MO 2P	1 + PE	1	1000	80	Pin 771501 	
	MO 2P	2	1-2	1000	80	Sleeve 771402 	
	MO 2P	2	1-2	1000	80	Pin 771502 	

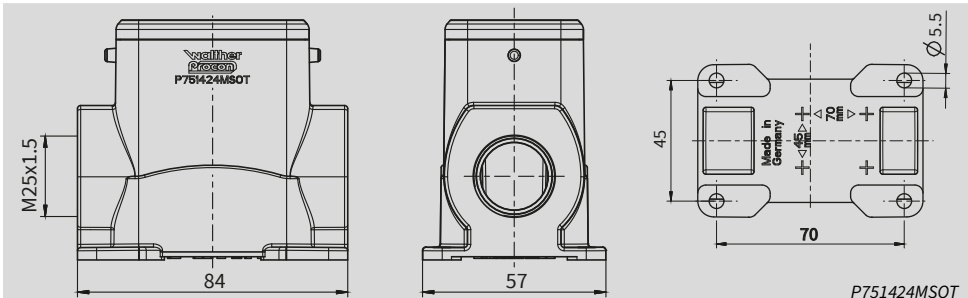
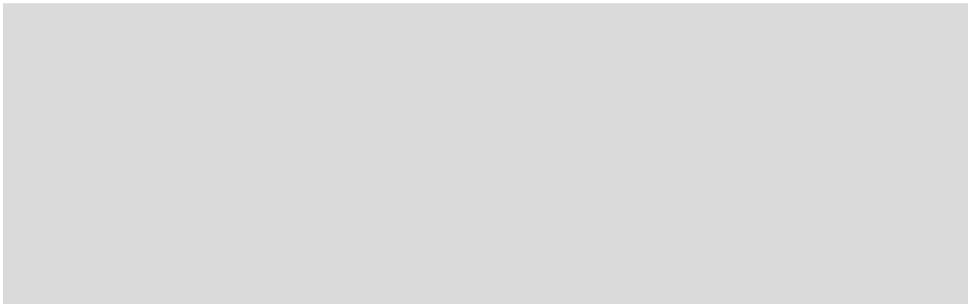
Series		Number of poles	Insert labeling	Volt AC	Ampere	Insert	Contacts									
MO	MO 3P	3	1 - 3	630	40		Sleeve		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		1	
							771003		772030	772040	772050	772060	772070		2	
	MO 3P	3	1 - 3	630	40		Pin		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		3	
							771103		772130	772140	772150	772160	772170		4	
	MO 3.1P	3	1 - 3	1000	50		Sleeve		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		5	
							771403		772030	772040	772050	772060	772070		6	
	MO 3.1P	3	1 - 3	1000	50		Pin		1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	10.0 mm ²		7	
							771503		772130	772140	772150	772160	772170		8	
	MO 4P	4	1 - 4	630	25		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²		9
							771605		710508	710504	710509	710500	710501	710502		10
	MO 4P	4	1 - 4	630	25		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²		11
							771705		710518	710514	710519	710510	710511	710512		
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Sleeve		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
							771610		773200	773230	773260					
	MO 4P +PE	4 + PE	1 - 4 + PE	1000	16		Pin		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
							771710		773300	773330	773360					
	MO 5.1P	5	1 - 5	1000	16		Sleeve		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
							771620		773200	773230	773260					
	MO 5.1P	5	1 - 5	1000	16		Pin		0.5 - 1.5 mm ²	1.5 - 2.5 mm ²	2.5 - 4.0 mm ²					
							771720		773300	773330	773360					
	MO 5P	5	1 - 5	400	20		Sleeve		0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²			
							771005		772210	772220	772230	772240	772250			
	MO 5P	5	1 - 5	400	20		Pin		0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²			
							771105		772310	772320	772330	772340	772350			
MO 10P	10	1 - 10	250	10		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
						771010		720506	720507	720508	720509	720502	720520			
MO 10P	10	1 - 10	250	10		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
						771110		720516	720517	720518	720519	720512	720530			
MO 20P	20	1 - 20	63	5		Sleeve		0.09 - 0.25 mm ²	0.25 - 0.5 mm ²							
						771020		773000	773001							
MO 20P	20	1 - 20	63	5		Pin		0.09 - 0.25 mm ²	0.25 - 0.5 mm ²							
						771120		773100	773101							
MO RJ45	4 + 8		400	13		Sleeve		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
						775000		720506	720507	720508	720509	720502	720520			
MO RJ45	4 + 8		400	13		Pin		0.14 - 0.37 mm ²	0.5 mm ²	0.75 - 1 mm ²	1.5 mm ²	2.5 mm ²	LWL			
						775100		720516	720517	720518	720519	720512	720530			
MO RJ45	8						RJ45	720545								
MO Universal bus	4 + *		30	1		Sleeve										
						775010										
MO Universal bus	4 + *		30	1		Pin										
						775110										
MO DP Profi bus	2/4 + *		30	1		Sleeve										
						775020										
MO DP Profi bus	2/4 + *		30	1		Pin										
						775120										
MO 1P Pneu	1 + 2		8 bar			Sleeve		Sleeve		Sleeve		Sleeve				
						771001		771002		771004		771006				
MO 1P Pneu	1 + 2		8 bar			Pin		771102		771104		771106				
						771101										
MO 0						Sleeve										
						771000										
MO 0						Pin										
						771100										

* shielding



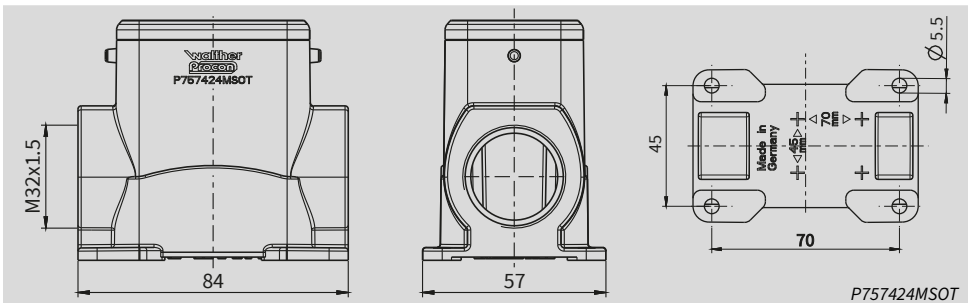
hoods
B6, height 92 mm when assembled,
with OneTouch locking system

*Please order the necessary quantity
of collars + cable glands separately.*



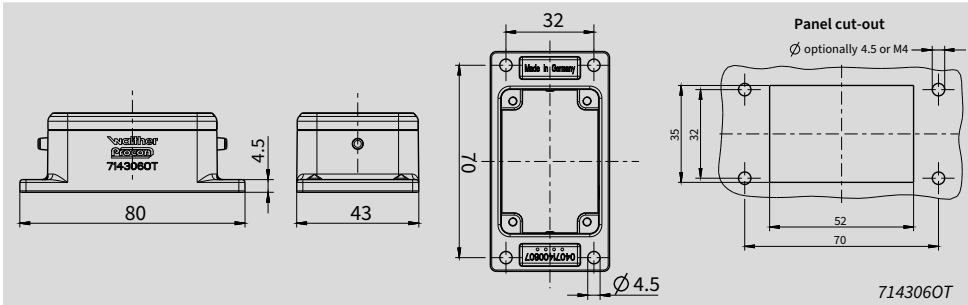
Wall mount housings,
B6, height 74 mm,
with OneTouch locking system

*Please order the necessary quantity
of collars + cable glands separately.*









Wall mount housings,
B6, height 74 mm,
with OneTouch locking system


*Please order the necessary quantity
of collars + cable glands separately.*




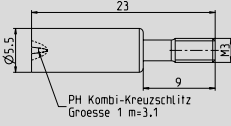

Panel housings
B6, height 29 mm,
with OneTouch locking system

Series	Cable gland sizes		Housings without cable glands	matching collars	matching cable glands		1
			Part no.:	Part no.:	Part no.:		2
							3 4 5 6
B6	1 x M 25	10 212	P758824OT	710939	719630		7
	1 x M 32	212	P758924OT	710940	719631		8
	1 x M 40	198	P75892440OT	710941	719632		9
							10 11
B6	1 x M 25	10 301	P751424MSOT		717638		Housings BHT Inserts BV
	2 x M 25	301	P751524MSOT		717638		
B6	1 x M 32	10 301	P757424MSOT		717639		Housings BV Inserts One Touch
	2 x M 32	301	P757524MSOT		717639		
B6		10 61	714306OT				Housings One Touch

Part description		Part no.:	M		
Gasket ring to be peeled, with pressure rings	10				
	5	717621	M 20		
	6	717622	M 25		
	11	717623	M 32		
	22	717624	M 40		
24	717625	M 50			
Pressure glands brass, nickel-plated	10				
	3	717630	M 20 ²		
	6	717631	M 20		
	13	717632	M 25		
	23	717633	M 32		
	37	717634	M 40		
64	717635	M 50			
Special cable glands brass, nickel-plated	10				
	32	717648¹	M 20		
	62	717649¹	M 25		
	92	717650¹	M 32		
	154	717651¹	M 40		
223	717652¹	M 50			
Pressure glands with strain relief, brass, nickel-plated	10				
	24	71067320	M 20		
	63	71067625	M 25		
	92	71067732	M 32		
	136	71067840	M 40		
217	71067950	M 50			
Blanking plugs brass, nickel-plated	10				
	9	717658	M 20 ²		
	13.5	717659	M 20		
	22	717660	M 25		
	42	717661	M 32		
	55	717662	M 40		
74	717663	M 50			
EMC cable glands brass, nickel-plated	10				
	34	717653	M 20		
	48	717654	M 25		
	64	717655	M 32		
	88	717656	M 40		
124	717657	M 50			

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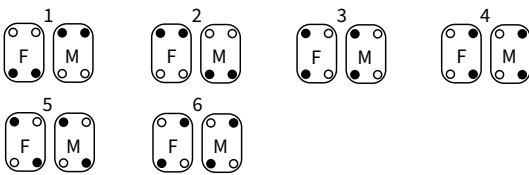
Description		Part no.:		
<p>Reducing adapter from M to M thread</p> <p>Plastic, black, with thread</p>	<p>10</p> <p>10 8 14 12</p>	<p>717677KUSW 717678KUSW 717679KUSW 717680KUSW</p>	<p>M 32 to M 20 M 32 to M 25 M 40 to M 25 M 40 to M 32</p>	
<p>Blanking plugs</p> <p>Plastic, black, with thread</p>	<p>10</p> <p>6 18</p>	<p>717661KUSW 717662KUSW</p>	<p>M 32 M 40</p>	
<p>Bearing bracket</p> <p>for plastic spring covers, series A and B</p> <p>for aluminum hinged lid, series B</p>	<p>10</p> <p>8 11</p>	<p>719004 719010</p>		
<p>Plastic hinged lid for bearing bracket</p>	<p>10</p> <p>15 15 32</p> <p>23 28 10 10 10</p>	<p>709005 709006 709007</p> <p>719005 719006 719007 719008 719009</p>	<p>for series A 10 for series A 16 for series A 32</p> <p>for series B 6 for series B 10 for series B 16 for series B 24 for series B 32</p>	
<p>Aluminum flap lid for bearing bracket</p>	<p>10</p> <p>48 63 64 81</p>	<p>719011 719012 719013 719014</p>	<p>for series B 6 for series B 10 for series B 16 for series B 24</p>	

Description		Part no.:		
Coding Coding pin	100 280	710600		

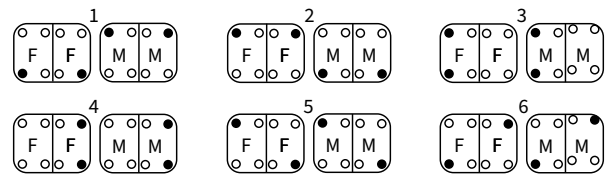
Coding examples

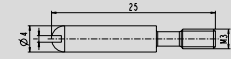

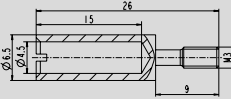

F = Female insert M = Male insert ● Coding pin ○ Fixing screws

for housings with one contact insert:



for housings with two contact inserts:



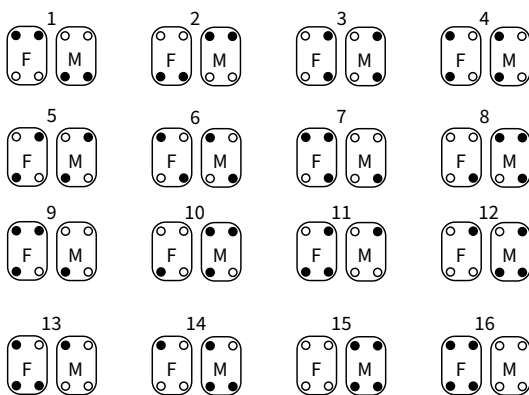
Guiding pins and sleeves	100			
Guiding pin	280	710601		
Guiding sleeve	300	710602		

Guiding pins and sleeves largely prevent the connector from being inserted / withdrawn at an angle. Inclined position acc. to EN DIN 175301-801 in lengthwise direction $\pm 5^\circ$. This value is adhered to with the elements.

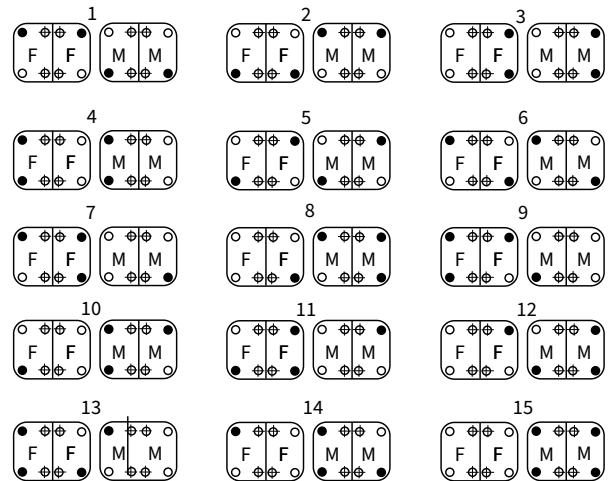
Coding examples





F = Female insert M = Male insert ● Guiding pin ○ Guiding sleeve ⊕ Fixing screws

for housings with one contact insert / MO retaining frame



for housings with 2 contact inserts / MO retaining frames

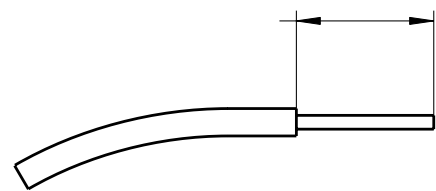


Description		Part no.:		
Crimping tool for lightwave cable made of polymer optical fiber Ø 1 mm	1 408	720611		 rental available
Cutting and stripping tool for lightwave cable made of polymer optical fiber Ø 1 mm	1 511	720612		 rental available
Safety cutter for WALTHER tool 720612	1 120	720614		

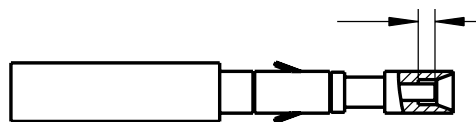
Handling instructions

Strip 1.0 mm POF* cable on min. 14 mm for sleeve contacts and min. 19 mm for pin contacts.

for sleeve contacts min. 14 mm
for pin contacts min. 19 mm

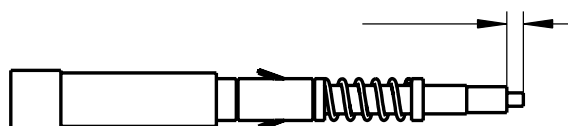


Sleeve contact approx. 1.0 mm







Insert the stripped POF* cable into the sleeve or pin contact as far as it will go. The fiber should then stick approx. 1 mm out of the contact.

pin contact approx. 1.0 mm










Accessories – Thermal crimp contacts








Description		Part no.:	Terminal cross section		1
<p>Sleeve contact crimp terminal</p> <p>solid, turned</p> <p>Material iron: Surface gold-plated Material ISOTAN®: Surface not coated</p> <p>Marking acc. to DIN IEC 584 type J Contact resistance $\leq m \Omega$</p> <p>(weight per 100)</p>	<p>10</p> <p>65 68 70</p>	<p>Iron (Fe):</p> <p>710504FE 710500FE 710501FE</p>	<p>0.5 mm² 20 AWG 0.75 mm² 18 AWG 1.5 mm² 16 AWG</p>		3 4 5 6
<p>Pin contact crimp terminal</p> <p>solid, turned</p> <p>Material iron: Surface gold-plated Material ISOTAN®: Surface not coated</p> <p>Marking acc. to DIN IEC 584 type J Contact resistance $\leq m \Omega$</p> <p>(weight per 100)</p>	<p>10</p> <p>65 68 70</p>	<p>Iron (Fe):</p> <p>710514FE 710510FE 710511FE</p>	<p>0.5 mm² 20 AWG 0.75 mm² 18 AWG 1.5 mm² 16 AWG</p>		7 8 9 10 11
<p>Pin contact crimp terminal</p> <p>solid, turned</p> <p>Material iron: Surface gold-plated Material ISOTAN®: Surface not coated</p> <p>Marking acc. to DIN IEC 584 type J Contact resistance $\leq m \Omega$</p> <p>(weight per 100)</p>	<p>10</p> <p>65 68 70</p>	<p>ISOTAN® (CuNi):</p> <p>710514CU 710510CU 710511CU</p>	<p>0.5 mm² 20 AWG 0.75 mm² 18 AWG 1.5 mm² 16 AWG</p>		Accessories



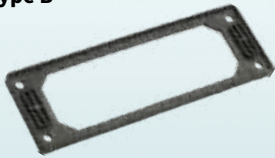
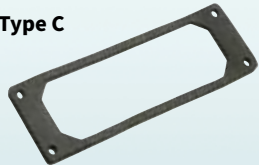


Thermal crimp contacts

- Connectors for temperature measurement cables
- Suitable for crimp contact inserts of series B
- Inserts can be equipped with different contacts:
Inside the contact inserts, the thermal crimp contacts can be combined with standard B-series power contacts

Description		Part no.:		
<p>Crimping tool</p> <p>for turned contacts 1.5 - 10 mm² 4 indent crimping tool</p>	<p>1</p> <p>663</p>	<p>710610</p>		 <p>rental available</p>
<p>Walther crimping tool</p> <p>for conductor cross sections of 0.14 - 4.0 mm² - only for turned contacts</p> <p>Replacement crimping dies</p>	<p>1</p> <p>510</p> <p>57</p>	<p>710611</p> <p>710873</p>		 <p>rental available</p>
<p>Insertion tool</p>	<p>1</p> <p>17</p>	<p>710613</p>		
<p>Removal tool for D contacts</p>	<p>1</p> <p>30</p>	<p>710614</p>		
<p>Removal tool for D contacts</p>	<p>1</p> <p>2</p>	<p>719612</p>		
<p>Removal tool for series BB 10 - BB 92</p>	<p>1</p> <p>34</p>	<p>719619</p>		

Accessories– bolts – locking levers

Description		Part no.:	Size		1
					2
PE screws for series A 10, A 16, D 15, D 25 for series B, BB, DD, MO, BV, D 40 and D 64 for series BA 6 - BA 12	10 1 2 10	709001 719001 719002	M 3.5 M 4 M 5		3 4 5 6
Contact screw for series A 3 and A 4	10 0.5	709002	M 3		7 8 9 10
Fixing screw for series A 3, A 4, A 5, D 7 and D 8, protection degree IP 65	10 0.5	700728	M 3		11 Accessories
Locking screw with O-ring and pressure disc, for screw-mountable hoods series B 6 - B 24	10 10	719003	M 6		
Single locking levers Plastic, black for series A 3 for series B 6 for series B 10 for series B 16 for series B 24	10 3 18 197 22 23	709003 719016 719017 719018 719019			
Double locking lever Plastic, black for series B 10, B 16 and B 24	10 16	719015			

Description		Part no.:																																								
<p>Flange gaskets for series A, material type A</p> <p>for series A 3 for series A 10 for series A 16 for series A 32</p>	<p>10</p> <p>1 1 1 14</p>	<p>709008 709009 709010 709011</p>	<p>Type A</p>  <p>Standard: Neoprene</p>																																							
<p>Flange gaskets for series B, material type A, B or C</p> <p>for series B 6 for series B 10 for series B 16 for series B 24 for series B 32 for series B 48</p>	<p>10</p> <table border="1"> <tr><td>3</td><td>3</td><td>1</td></tr> <tr><td>7</td><td>3</td><td>7</td></tr> <tr><td>3</td><td>4</td><td>1</td></tr> <tr><td>3</td><td>4</td><td>9</td></tr> <tr><td>5</td><td>-</td><td>15</td></tr> <tr><td>7</td><td>-</td><td>22</td></tr> </table>	3	3	1	7	3	7	3	4	1	3	4	9	5	-	15	7	-	22	<table border="1"> <thead> <tr> <th>Type A:</th> <th>Type B:</th> <th>Type C:</th> </tr> </thead> <tbody> <tr><td>719020</td><td>71902001</td><td>71902002</td></tr> <tr><td>719021</td><td>71902101</td><td>71902102</td></tr> <tr><td>719022</td><td>71902201</td><td>71902202</td></tr> <tr><td>719023</td><td>71902301</td><td>71902302</td></tr> <tr><td>719024</td><td></td><td>71902402</td></tr> <tr><td>719025</td><td></td><td>71902502</td></tr> </tbody> </table>	Type A:	Type B:	Type C:	719020	71902001	71902002	719021	71902101	71902102	719022	71902201	71902202	719023	71902301	71902302	719024		71902402	719025		71902502	<p>Type B</p>  <p>TPE, profiled</p>
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719021	71902101	71902102																																								
719022	71902201	71902202																																								
719023	71902301	71902302																																								
719024		71902402																																								
719025		71902502																																								
			<p>Type C</p>  <p>Songe rubber/cellular rubber for uneven surfaces</p>																																							
<p>Profile gaskets</p> <p>for series A 3 for series A 10 for series A 16 for series A 32</p> <p>for series B 6 for series B 10 for series B 16 for series B 24 for series B 32 for series B 48</p>	<p>10</p> <p>0.4 1 1 6</p> <p>3 4 5 6 6 8</p>	<p>709012 709013 709014 709015</p> <p>719026 719027 719028 719029 719030 719031</p>																																								
<p>Moulded gaskets for screw-mountable hoods and hoods with bayonet lock</p> <p>Standard for series B 6 for series B 10 for series B 16 for series B 24</p> <p>EMC (electromagnetic compatibility) for series B 6 for series B 10 for series B 16 for series B 24</p> <p>For harsh environmental requirements for series B 6 for series B 10 for series B 16 for series B 24</p>	<p>10</p> <p>3 3 3 4</p> <p>3 3 3 4</p> <p>3 3 3 4</p>	<p>719032 719033 719034 719035</p> <p>719036 719037 719038 719039</p> <p>719040 719041 719042 719043</p>																																								

Technical specifications of wire-through housings

polycarbonate, UL 94 V-O

Grommets

Thermoplastic caoutchouc, UL listed

Temperature range

- 40 up to + 125 °C

Protection degree

Protection degree in locked condition, if correct type of grommets is used: IP 54

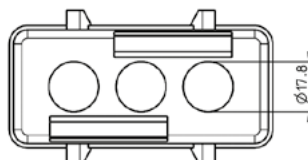
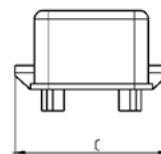
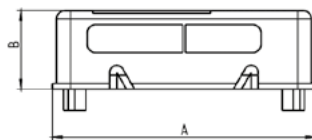
Wire-through options

750628: 3 cable entries





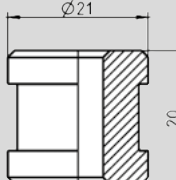

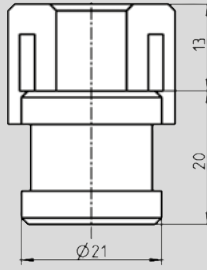
750629: 4 cable entries

Cable diameter

3 - 16 mm



	A	B	C	cable entries
750 628	94	28	56	3
750 629	120	28	56	4

Description		Part no.:		
Wire-through housings	10			
3 wire through options, size B 16	38	750628		
4 wire through options, size B 24	49	750629		
Panel housings	10			
Series B 16, BHT 16, BA 6, BV 6, D 40, DD 72	165	714116		
Series B24, BHT24, BV10, BV16, D64, DD108	178	714124		
Grommets	10			
Please order separately				
mm:				
3 - 4	5	750630		
4 - 5	5	750631		
5 - 6	5	750632		
6 - 7	5	750633		
7 - 8	4	750634		
8 - 9	4	750635		
9 - 10	4	750636		
From 10 mm Ø with strain relief through cable ties (maximum width 8 mm)				
10 - 11	5	750637		
11 - 12	5	750638		
12 - 13	4	750639		
13 - 14	4	750640		
14 - 15	3	750641		
15 - 16	3	750642		
For ASI cable	-	5	750643	
Blanking plugs	-	4	750644	

	48, 52, 56,		279, 281,	7172100V	193	717665	315
	60, 64, 67		295, 297,	7172160V	223	717666	315
710847	39, 41, 43,		299, 301,	7173160V	223	717667	315
	45, 48, 52,		303, 305,	7173240V	253	717668	315
	56, 60, 64,		307, 309,	7174240V	253	717669	315
	67, 103		313	7175060V	163	717670	315
710848	39, 41, 43,	710940	147, 155,	7175100V	193	717671	315
	45, 48, 52,		157, 171,	7176060V	163	717672	315
	56, 60, 64,		173, 175,	7176100V	193	717673	315
	67, 103		179, 181,	7176160V	223	717674	315
710849	39, 41, 43,		201, 203,			717675	315
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Part Numbers

EG-KONFORMITÄTSERKLÄRUNG EC DECLARATION OF CONFORMITY

Name/Anschrift des Ausstellers: WALTHER-WERKE
Name/address of the exhibitor: Ferdinand Walther GmbH
Ramsener Straße 6
DE-67304 Eisenberg

Produktbezeichnung: PROCON Industrie-Steckverbinder
Product designation: PROCON Industrial Connectors

Das bezeichnete Produkt erfüllt die Bestimmungen der
The designated product complies with the provisions of

Niederspannungsrichtlinie 2014/35/EU Low voltage directive 2014/35/EU

„Die Richtlinie des Europäischen Parlaments und des Rates vom 26. Februar 2014 zur Harmonisierung der Rechtsvorschriften der Mitgliedsstaaten über die Bereitstellung elektrischer Betriebsmittel zur Verwendung innerhalb bestimmter Spannungsgrenzen auf dem Markt (Neufassung).“

„The directive of the European Parliament and of the Council of February 26, 2014 on the harmonization of the laws of the member states relating to the provision of electrical equipment for use within certain voltage limits on the market (recast).“

Die Übereinstimmung des bezeichneten Produktes mit den Anforderungen der Richtlinie wird durch die technische Dokumentation sowie die Einhaltung folgender Normen nachgewiesen:

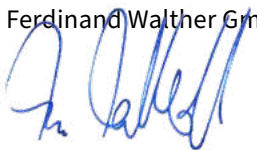
The conformity of the designated product with the requirements of the directive is demonstrated by the technical documentation and compliance with the following standards:

DIN EN 60529 - 2014-09
DIN EN 61984 - 2009-11

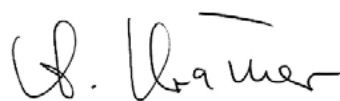
Eisenberg, 22.04.2020

WALTHER-WERKE

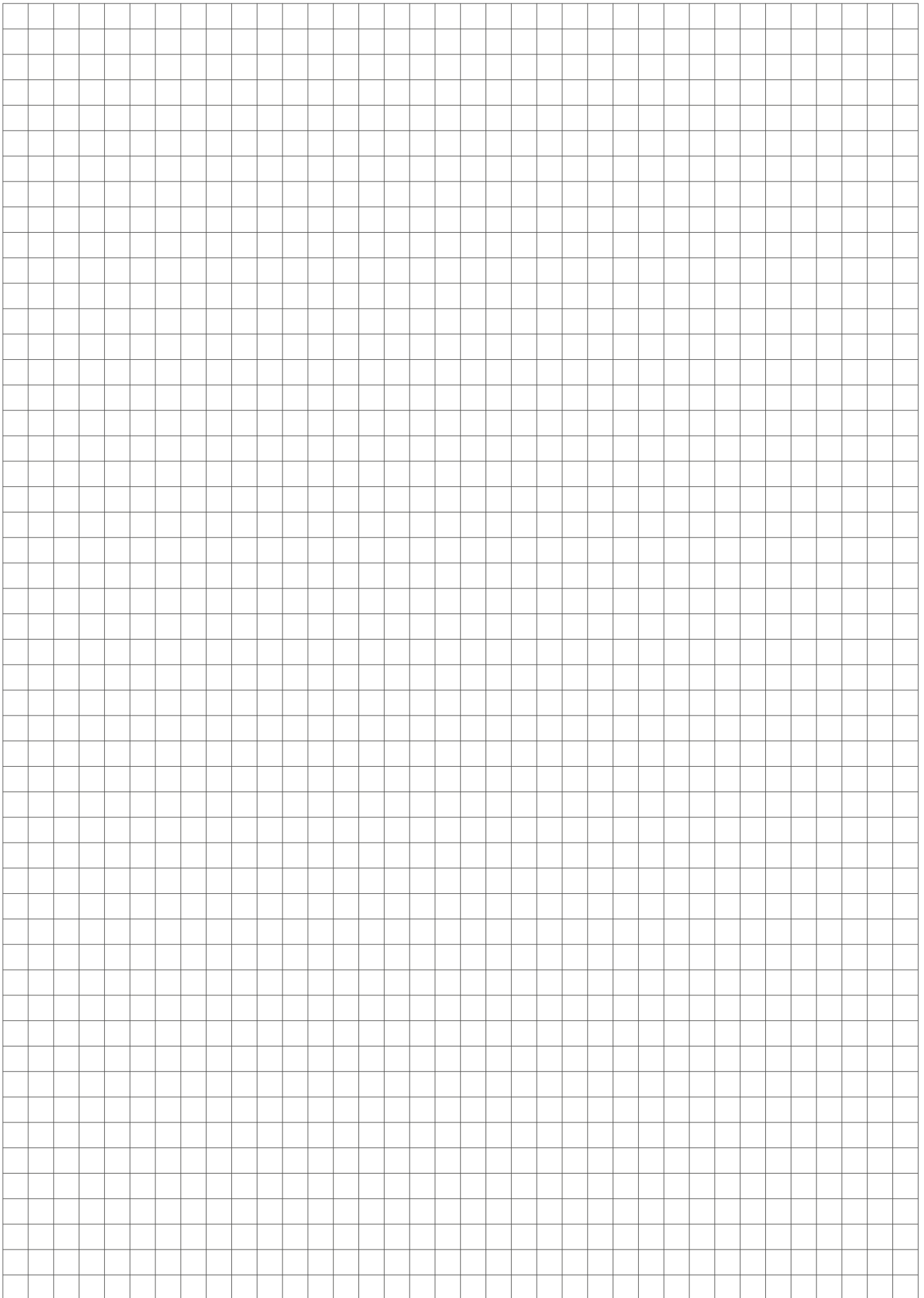
Ferdinand Walther GmbH



Kai Kalthoff
Verkauf



Adelheid Krämer
Qualitätsmanagement



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