wieland

revos
Industrial Multipole Connectors

Catalog 2014

▲ Sales Center in Bamberg

▲ Company headquarters in Bamberg

▲ STOCKO main plant in Wuppertal

wieland group

automation
building
electronics

ACTIVE WORLDWIDE.

The Wieland Group employs more than 2,000 people all around the globe. With some 15 locations and subsidiaries, and sales partners in more than 70 countries, the Wieland Holding is present in nearly all important key markets worldwide. Always with a clear commitment to the German location where most of the products are still manufactured.

The group makes us strong

The Wieland Holding is based in Bamberg, Bavaria, and comprises two independently acting subsidiaries: Wieland Electric and STOCKO Contact.

Groundbreaking innovations made Wieland Electric one of the leading suppliers of electrical connection technology. This company, founded in Bamberg in 1910, is the largest subsidiary of the Wieland Holding.

STOCKO Contact is based in Wuppertal and joined the Wieland Group in 2001. Stocko has also more than 100 years of company history to its credit and is one of the greatest manufacturers of connector systems and crimp contacts.

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Established in industries

Control cabinet engineering, industrial automation, building system technology – our large product portfolio provides solutions for all kinds of applications.

From innovative interface and network technology to terminal blocks to „safety first" – with modular system solutions and safety components. With Wieland products in your control cabinet, you are always on the safe side.

Energy bus systems for distributed automation or indoor and outdoor field bus components – Wieland technology can be found everywhere, and in all kinds of applications.

In building system technology, Wieland Electric is the world market leader in pluggable eletrical installation.

There are good reasons why our system solutions can be found in the most spectacular building projects worldwide. When it comes to electronic networking, Wieland leads the way to the "intelligent house".

Welcome Future

Wieland Electric is 100 years young, and full of innovative energy. And our commitment for the future is not only to find constantly new system solutions for our customers but also social responsibility.

Environmentally friendly high-tech products, manufactured to the latest production standards, an audited environmental management system and substantial investments in our locations are all part to this concept.

Global commitment and sustainable regional action – Wieland Electric is fit for the future: Contacts are green.

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ICE

The *revos* program
An overview of heavy duty connectors

Heavy duty connectors are specifically designed for use in especially tough environment conditions. The main areas of use are the automotive industry, in packaging machinery and equipment, as well as for instrumentation, control and automation equipment.

They permit simple and time-saving installation of machinery and equipment. Their housings protect against mechanical impact and prevent entry of spray water and dust. The system's sub-assemblies can undergo a quality check in house, which simplifies installation and commissioning at their end use location.

Overview of the industrial multipole connector range *revos*

Contact inserts:

revos MINI

The contact inserts for the ***revos*** MINI connector series are very compact and available with 3 to 12 poles.

You will find the contact inserts for the ***revos*** MINI connectors on pages 28-31.

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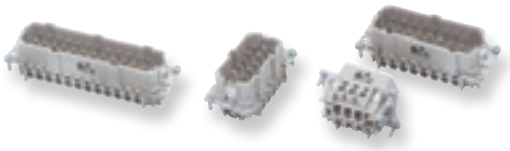
revos BASIC



The proven connectors and multipole adapters are available in 6 to 92 pole design with screw, spring clamp and crimp connection technology.

You will find ***revos*** BASIC contact inserts on pages 32–59; You can find terminal block adapters and inserts with integral cable strain relief on pages 86–99.

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revos DD

High contact density in the most compact space – this is what the space-saving contact inserts of ***revos*** DD offer. Connection is made with the proven turned crimp contacts, with a diameter of Ø 1.6 mm, which offer a connection range from 0.14 to 2.5 mm^2 at a rated voltage of 250 V (600 V CSA/UL).

You will find ***revos*** DD contact inserts on pages 60–61.

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revos HD

Contact inserts and multipole adapters with 15 to 64 poles and for currents up to 10 A designed according to DIN EN 175301-801 (previously DIN 46352). The contact inserts are designed in crimp connection technology.

You will find ***revos*** HD contact inserts on pages 62–69 and terminal block adapters on pages 100–103.

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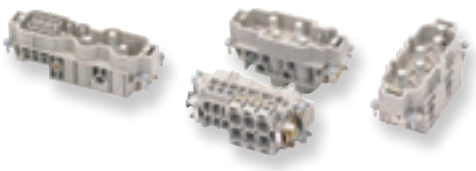
revos POWER



The contact inserts and multipole adapters are designed for >16 A currents; they are also available with mixed contacts and screw connection.

You will find ***revos*** POWER contact inserts and terminal block adapters on pages 70–85.

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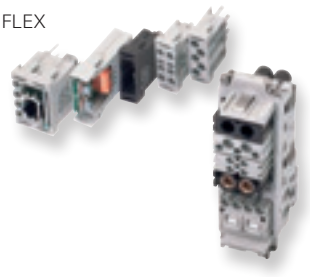
revos FLEX



The modular system for the economical and clever mixture of contact inserts. With this flexible system you can customize your connector, to meet the requirements of your application.

You will find ***revos*** FLEX contact inserts on pages 108–127.

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Housing families:

revos MINI

The design of the housings for the connectors of **revos** MINI is very compact and available in two materials:

- Die cast zinc alloy
- Polyamide

You will find **revos** MINI-housings on pages 134–135.

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revos BASIC

PG threads are available on request!

The housing of the BASIC series are available in size 6 to 48. For convenient connection of the cables this series is also available in increased height design in sizes 6H–24H. The housings are made of die cast aluminum with, silicon-free finish.

You will find **revos** BASIC-housings on pages 136–211.

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revos HD

PG threads are available on request!

The housings of the HD series are available in size 10/15 to 32/50.

You will find **revos** HD-housings on pages 212–225.

Special multipole connector designs:

revos Ex

revos Ex multipole connectors are designed for special applications in hazardous areas. Their use in zone 1 for intrinsic circuits has been approved by the BVS test institute. The housings for the multipole connectors are manufactured from die cast zinc alloy.

You will find **revos** Ex-contact inserts on pages 106–107.

You will find **revos** Ex-housings on pages 226–245

Operating instructions for Ex plug connectors, see facts&DATA.

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revos IT

Data cable feed-throughs – the ideal solution for the installation of pre-assembled cables to enclosures. Sealed and with strain relief. Inserts with D-Sub connectors 9 to 100 pole.

You will find **revos** IT products on pages 104–105.

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revos MOT

revos MOT plug connectors with plastic housings, simple and easy handling due to its unique latching system.

You will find **revos** MOT products on pages 128–129.

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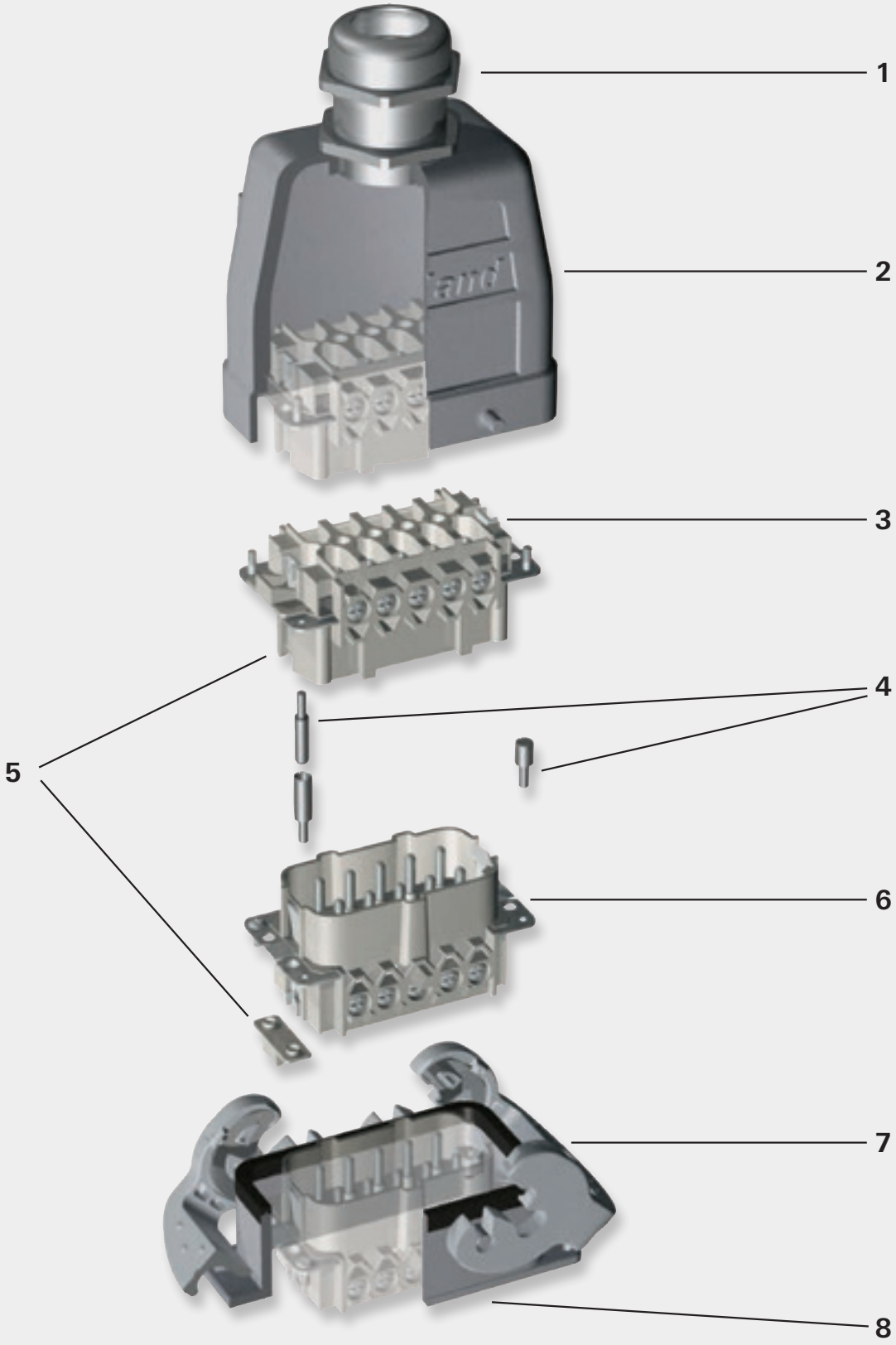
revos E-2000

The robust IP65 connector, capable of single-mode operation and field assembly, with fiber optic cable and an insertion loss of 0.1 dB.

You will find **revos** E-2000-products on pages 130–131.

General design of a *revos* industrial multipole connectors



Subject to change without further notice

1. Cable glands

For ***revos*** industrial connectors the following cable glands are available:

- Cable gland without strain relief, protection degree IP54, 7x.xxx.xxxx.0 fully assembled
- Cable glands, protection degree IP68, available as accessories in plastic or brass
- EMC cable glands

2. Hoods

Aluminum die cast alloy, silicon-free finish (housings for ***revos*** Ex- and ***revos*** MINI are manufactured from die cast zinc alloy)

- Low and increased height designs available
- Cable entry at the side, on top or at the front
- With or without locking levers

3. Female inserts

Available in the following connection techniques:

- Screw connection
- Spring clamp connection
- Push-in connection
- Crimp connection

4. Coding accessories

Coding pins, female coding pieces and coding bolts

5. Coding bolts

Coding pieces are used for coding 690 V contact inserts. In the 690 V housings the coding ribs are removed and insulating tape is attached inside the housing in order ensure the creepage distances and clearances to live parts. This mechanical coding prevents the 690 V contact inserts from being mounted in 500 V housings.

6. Male inserts

Available in the following connection techniques:

- Screw connection
- Spring clamp connection
- Push-in connection
- Crimp connection

7. Locking levers

Single or double locking lever in plastic, steel or stainless steel design.

8. Bases

Aluminum die cast alloy, silicon-free finish (housings for (***revos*** Ex- und ***revos*** MINI are manufactured from die cast zinc alloy)

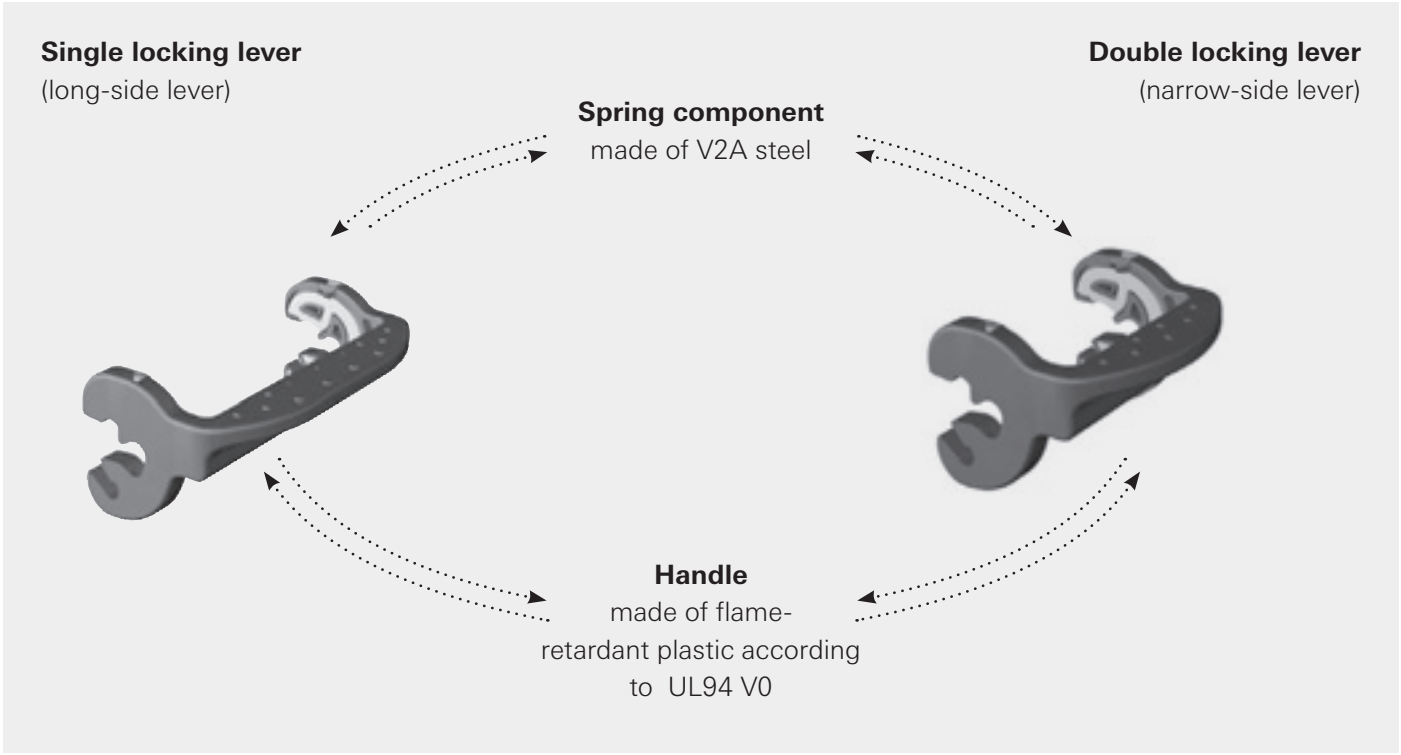
- Low and increased height designs available
- Open-bottom and closed-bottom bases
- Single or double locking lever of plastic, steel or stainless steel
- Coupling for “cable-to-cable connections”

The locking mechanism of the *revos* BASIC industrial multipole connectors

The locking levers secure the mechanical connection between hood and housing. The locking mechanism is also a main determinant of the connector's IP protection rating. Wieland's standard *revos* BASIC connectors in size 6 to 24 are equipped with locking levers that are made of two components.
The handle consists of flame-retardant and halogen-free plastic material and ensures convenient and almost wear-free locking. The retention force is provided by a spring component that is made of V2A stainless steel and also resists aggressive environmental conditions.

Locking features:

- Low-wear locking mechanism
- High holding forces
- Plastic material suitable for outdoor applications
- Salt and seawater resistant, UV resistant
- During overhead mounting the lever will remain in the open position
- Replaceable
- Self-extinguishing plastic material according to UL 94 V0



Subject to change without further notice

In general we distinguish levers on the hood and levers on the base, as well as single locking levers (on the long side) and double locking levers (on the narrow side).

On the opposite hood or base there are studs to which the lever latches.

The following lock types are available:

One long-side lever
(single locking lever)

Two narrow-side levers
(double locking lever)

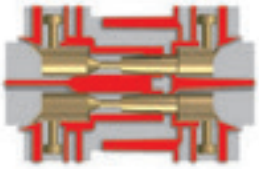
Connectors for cable-to-cable couplings:

One long-side lever
(single locking lever)

Two narrow-side levers
(double locking lever)

Locking levers made of steel or stainless steel are available on request.
In case of any questions our connector hotline (+49 951/9324-997) will be happy to assist you.

Connection technologies

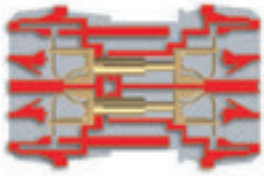


Screw connection technology:

This connection technology is the one most frequently used today. Screw connectors are designed according to EN 60 999/VDE 0609.

Features of this connection technology:

- Operation is simple and easy
- No special tools required
- High-quality connection that can be used for all areas of application
- Non-permanent connection, rewiring possible



Spring clamp connection technology:

In the last few years this connection technology has been established as an industrial standard. Spring clamp connectors are designed according to EN 60 999/VDE 0609.

Features of this connection technology:

- Easy handling / No special tools required
- High-quality connection even under vibration
- Non-permanent connection, rewiring possible

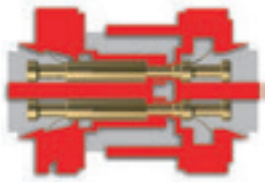
For contact inserts with spring clamp connection technology all wire types (solid, stranded, fine-stranded) can be used without special preparation of the wires.
When ferrules are used they must be crimped to the wire by means of a special positively driven crimping tool.

Push-in connection technology

Push-in, the simple, quick and tool-less connection system for prepared conductors.

Features of this connection technology:

- Extremely short connection time
- Gas-tight and vibration-proof connection
- Testing potentials even in the inserted state



Crimp connection technology:

This connection technology provides the highest quality, but is also the most demanding. The technical requirements for crimp connections are defined in the IEC 60 352-2 standard. Crimp connections must always be produced using a crimping tool that has been designed for the contact. Wieland crimping tools are specifically adapted to the contacts and thus ensure a permanent and corrosion-resistant connection.

Features of this connection technology:

- High-quality connection similar to cold welding
- Consistant repeatability of the crimp connection
- Suitable for automation during pre-assembly of cable harnesses
- Compact design that allows a high contact density
- Special crimping tool required
- Permanent connection

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Screw connection technology:

Screw terminals are measured in accordance with EN 60 999/VDE 0609.
Please refer to the respective tightening torques from table 4 on page 277.

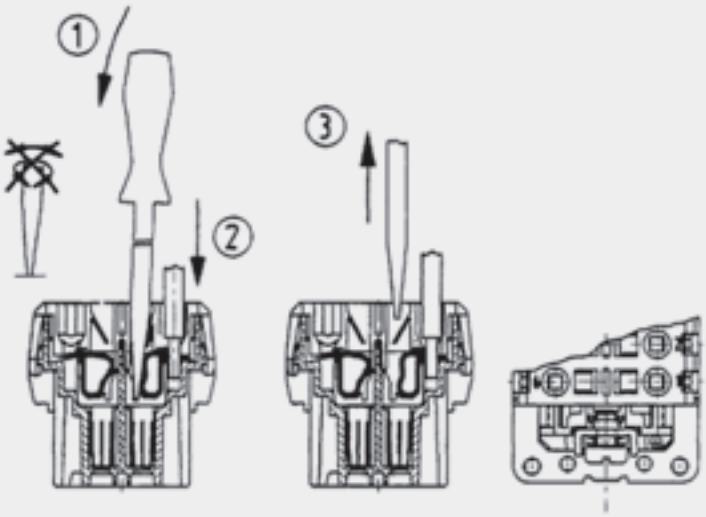
The contact point can be delivered with or without wire protection.
Clamping bodies with wire protection do not require any preparation of the wires.
Clamping bodies without wire protection require appropriate preparation of the wires in case fine-stranded wires are used.

Spring clamp connection technology:

Operating instructions:

1. Insert the screwdriver using a slight curving motion into the rectangular opening.
2. Open the clamping body.
   The screwdriver will stay in position, and hold the clamping body open.
3. Insert the wire into the round wire entry guide and remove the screwdriver.

Screwdriver: 0.6 mm x 3.5 mm
Part number: 06.502.4000.0

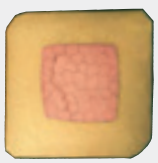


Crimp connection technology:

Using the suitable tools when producing crimp connections is essential. Correct and gas-tight connections can only be ensured by tools that are particularly adapted to the contact.
Wieland crimping tools compress the contact point with a so-called B crimp or a square crimp to make it gas-tight.

A contact to tool assignment can be found on page 285.

Micrograph of a B crimp



Micrograph of a square crimp

Contact materials:
revos-connectors are available with tin-plated, silver-plated or gold-plated contacts.
The basic material is a high-quality copper alloy.
For exact explanations, see pages 286–287.

Housing series *revos* BASIC

Single locking lever

Hoods

Bases

Size (GB):
- GB 6, 10, 16, 24, 48
- GB 6H, 10H, 16H, 24H

Motor connector housing

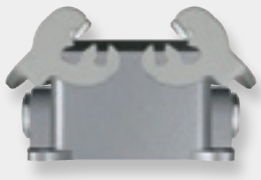
Coupling housings

Double locking lever

Hoods

GB 16XL, 24XL with extra large wiring space

Bases



Size (GB):
- GB 6, 10, 16, 24, 32
- GB 10H, 16H, 24H, 16XL, 24 XL

Coupling housings

H ≙ increased hight design; XL ≙ extra large wiring space. All bases are also available with a protective cover. For an assignment of the contact inserts to the housing sizes see page 20-23 as well as the product matrix on page 24-25.

Subject to change without further notice

Housing series *revos* HD

Single locking lever

Hoods

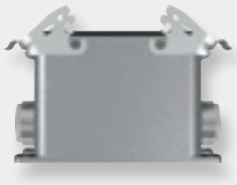
Bases

Size (GB):
- GB 10/15, 16/25

Double locking lever

Hoods

Bases



Size (GB):
- GB 32/50

Coupling housings

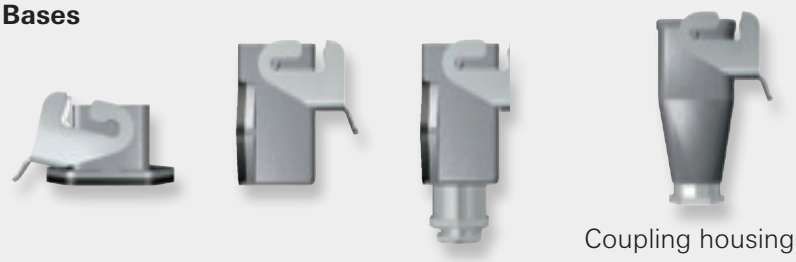
All bases are also available with a protective cover.
For an assignment of the contact inserts to the housing sizes see page 20-23 as well as the product matrix on page 24-25.

Housing series *revos* MINI and *revos* Ex

revos MINI

Hoods

Bases



Coupling housings

Cover without gasket for female inserts

Cover with gasket for male inserts

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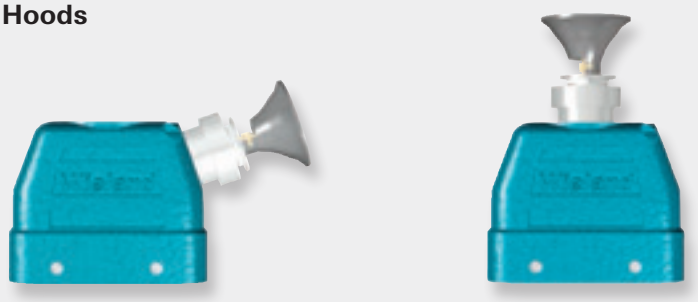
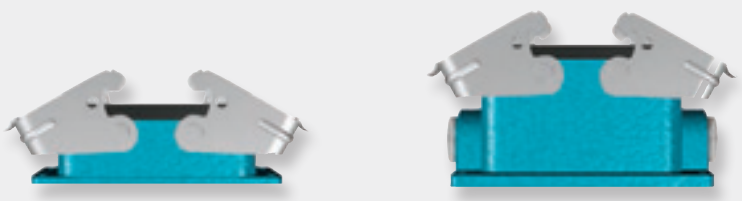
revos Ex

Hoods



Bases



Size (GB):
- GB 10Ex, 16Ex, 24Ex, double locking lever
- GB 6Ex, 48Ex, single locking lever

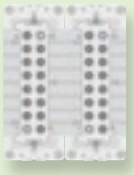
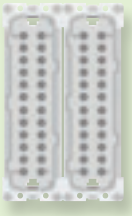
Coupling housings

Bases are also available with a protective cover!

Subject to change without further notice

Contact inserts

Contact inserts for the housings of the *revos* BASIC series

Size	BASIC 500 V / 16 A	BASIC 400/690 V / 16 A	BASIC 690 V / 16 A	BASIC 830 V / 16 A	EE 500 V / 16 A
6/ 6H	6 + ground		4/2 Switching contacts + ground		10 + ground
10/ 10H	10 + ground	3/2 Switching contacts + ground	8/2 Switching contacts + ground	3/2 Switching contacts + ground	18 + ground
16/ 16H	16 + ground	6/2 Switching contacts + ground	14/2 Switching contacts + ground	6/2 Switching contacts + ground	32 + ground
24/ 24H	24 + ground	10/2 Switching contacts + ground	22/2 Switching contacts + ground	10/2 Switching contacts + ground	46 + ground
32	32 + ground	20/4 Switching contacts + ground	 28/4 Switching contacts + ground		
48	 48 + ground	26/4 Switching contacts + ground 32/4 Switching contacts + ground	44/4 Switching contacts + ground	20/4 Switching contacts + ground	

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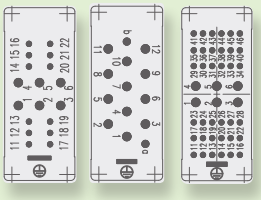
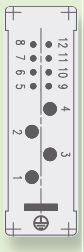
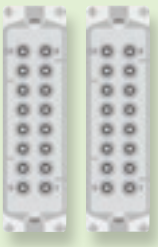
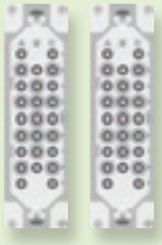
DD 250 V / 10 A	HD 250 V / 10 A	POWER 230–690 V / 16–100 A	FLEX 100 – 1000 V / 4 – 82 A	Size
24 + ground			2 Modules	6/ 6H
42 + ground			3 Modules	10/ 10H
72 + ground	40 + ground	6/6 + ground 4/6 + ground 6 + ground 4/2 + ground 4 + ground  6/12 + ground 12/2 + ground 6/36 + ground	5 Modules	16/ 16H
108 + ground	64 + ground	 4/8 + ground 3/3/6 + ground	7 Modules	24/ 24H
	80 + ground			32

Contact inserts

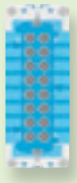
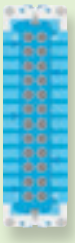
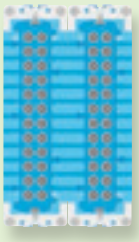
Contact inserts für *revos* HD-housings

Size	HD 10/16 250 V / 16 A	HD 15/25 250 V / 10 A
10/15	10 + ground	15 + ground
16/25	16 + ground	25 + ground
32/50	 32 + ground	 50 + ground

Contact inserts for *revos* MINI-housings

Size	250 – 400 V / 10 A	400 V / 10 A	400 V / 16 A	50 – 250 V / 10 A	50 V / 10 A	690 V / 10 A
3	3 + ground	4 + ground	5 + ground	7 + ground	8	12

Contact inserts for *revos* Ex-housings

Size	6Ex	10Ex	16Ex	24Ex	48Ex
Ex 90 V 16 A	6 + ground	10 + ground	 16 + ground	 24 + ground	 48 + ground

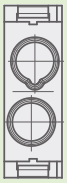
Subject to change without further notice

Contact inserts

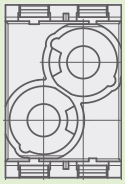
revos FLEX-modular inserts

Modules for power supply

2-pole
1000 V/82 A
Screw



2-pole
1000 V/65 A
Crimp



2-pole
1000 V/150 A
Crimp

3-pole
630 V/40 A
Crimp

5-pole
250 V/20 A
Crimp

4-pole
1000 V/16 A
Crimp

4-pole
400 V/14 A
Federkraft

Modules for signal distribution

10-pole
250 V/10 A
Crimp/LWL-POF

20-pole
100 V/4 A
Crimp

High voltage

2-pole
5.5 kV/20 A
Crimp

Compressed air

Pneumatic
1-pole
10 bar – Ø 2.5/4 mm

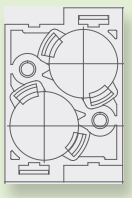
Pneumatic
2-pole
10 bar – Ø 2.5/4 mm

Bus systems

USB
4-pole
30 V/1 A
Screw

Profibus
4-pole
30 V/1 A
Screw

Ethernet
8 plus 4-pole
30 V/1 A / 400 V/10 A
Crimp/optical fiber



TWIN BUS
4-polig
50 V/10 A
Crimp

Special modules

Modular blind piece

revos MOT special designs

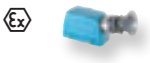
690 V / 16 A

10 + ground

Product matrix

The ***revos*** product matrix provides an overview of the available families of contact inserts and their matching housing series. Horizontally you can find the contact inserts sorted per family and with indications for rated voltage, rated current and connection technology. Vertically the housing series and their variations in size are shown. Matching combinations are found in the matrix.

The restrictions of the ***revos*** FLEX and ***revos*** HD contact inserts are caused by their depth and cable density inside the housing when fully equipped with contact inserts. In case of any questions regarding these combinations, our connector hotline (+49 951 9324-991) will be happy to assist you.

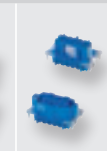
Housing series	Material	Variantion	Size (GB)	Locking levers	Hoods page	Bases page
BASIC	Aluminum die cast	Standard housings	6	Single	136	140
			10	Single	144	148
				Double	152–154	158
			16	Single	162	166
				Double	170–172	178
			24	Single	182	186
				Double	190–192	198
			32	Double	202	203
			48	Single	204	206
		Increased height design	6H	Single	138	142
			10H	Single	146	150
				Double	156	160
			16H	Single	164	168
				Double	174–176	180
			24H	Single	184	188
				Double	194–196	200
		large wiring space	16XL	Double	177	
			24XL	Double	197	
		EMC housings	6/6H	Single	208	209
			10/10H	Double	208	209
			16/16H	Double	208	209
			24/24H	Double	208	209
			10	Single		210
HD	Aluminum die cast	250 V	10/15	Single	212	214
			16/25	Single	216	218
			32/50	Double	220,222	224
MINI	Polyamide	Plastic	3	Single	134	135
	Die cast zinc alloy	Metal	3	Single	134	135
	Die cast zinc alloy	90 V	6 Ex	Single	226	228
			10 Ex	Double	230	232
			16 Ex	Double	234	236
			24 Ex	Double	238	240
			48 Ex	Single	242	244
MOT	Polyamide	690 V	10 + ground	Push-Pull	128	128
FLEX COMPACT		1M	1 M	Single	126	126
E-2000		LWL	3	Single	130	130

H ≙ Increased height design; XL ≙ Large wiring space

Subject to change without further notice

Contact inserts

Wiring technique
S = screw F = spring clamp C = srimp L = optical fiber P = push-in

													
BASIC 500 V 16 A	**BASIC EE** 500 V 16 A	**BASIC** 400V/690V 16 A	**BASIC** 690 V 16 A	**BASIC** 830 V 16 A	**HD 40/64** 250 V 10 A	**POWER** 230–690 V 16–100 A	**FLEX** 100–1000 V 4–150 A	**DD** 250 V 16 A	**HD 10/16//32** 250 V 16 A	**HD 15/25** 250 V 10 A	**MINI** 50–400 V 10 A	**Ex** 90 V 16 A	**MOT** 690 V 16 A
S F C P	**C**	**S**	**S**	**F**	**C**	**S**	**F C L**	**S**	**S**	**C**	**S**	**S**	**C**
32–41	**42–43**	**52–53**	**54–57**	**58–59**	**66–67**	**70–83**	**108–125**	**60–61**	**62–63**	**64–65**	**28–31**	**106–107**	**129**
●	●	●	●	●			○	○					
●	●	●	●	●			○	○					
●	●	●	●	●			○	○					
●	●	●	●	●	○		○	○					
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○ = usable subject to restrictions
● = usable without any restrictions

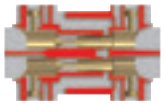
revos contact inserts offer many possibilities

The task of the contact inserts is distribution of power and signals. The contact inserts are available in 2- to 216-pin design. They are suitable for current from 4 to 100 A and voltages up to 5.5 kV.

revos MINI - Their especially compact design allows them to fit in applications for machine, control and switching systems, or also in small motors and lighting equipment, and also serve as classic contact inserts for industrial heavy duty connectors.

revos BASIC is able to meet the toughest demands and so is used, for example, in the automotive industry, the machinery and equipment industry, in conveyor systems and in measurement and control technology.

Contact inserts



Contact inserts *revos* MINI

3-pole + ground

4-pole + ground

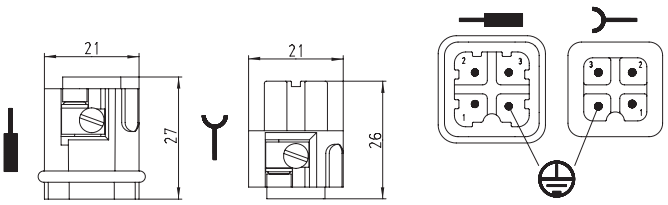
Description	Type	Part No.	P.U.
Contact inserts *revos* MINI	**3-pole + ground**		
Male insert	MIN STS 3 2,5 40	73.310.0353.0	10
Female insert	MIN BUS 3 2,5 40	73.300.0353.0	10
Contact inserts *revos* MINI	**4-pole + ground**		
Male insert	MIN STS 4 2,5 40 AG	73.310.0453.0	10
Female insert	MIN BUS 4 2,5 40 AG	73.300.0453.0	10

Technical data	**3-pole + ground**	**4-pole + ground**
Rated voltage		
Installed in a plastic housing	400 V	
Installed in a metal housing	L-PE 250 V / L-L 400 V	400 V
Rated voltage according to UL/CSA	600 V	
Rated impulse voltage		
Plastic housing	4 kV	
Metal housing	4 kV	
Rated current	10 A	
Degree of pollution	3	
Rated cross section		
EN 60999	0.5 – 2.5 mm²	
UL	18 – 16 AWG	22 – 12 AWG
CSA	22 – 12 AWG	
Contacts		
Material	Copper alloy	
Surface	Sn	Ag
Insulation strip length	4 mm	
Contact resistance	≤ 2 mΩ	≤ 1.5 mΩ
Mating cycles	50	200
Screws	head design / recomm. torque	
Mounting screws	M3 / 0.5 – 0.7 Nm	
Clamping screws	M3 / 0.5 – 0.7 Nm	
Ground conductor screws	M3 / 0.5 – 0.7 Nm	
Temperature range	-40 … +120 °C	

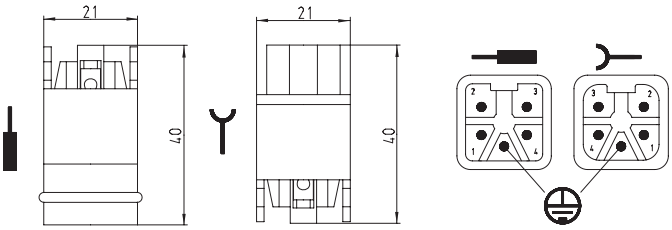
Housing *revos* MINI Page 134–135

Dimensions

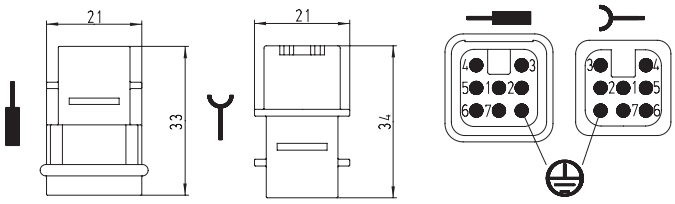
3-pole + ground



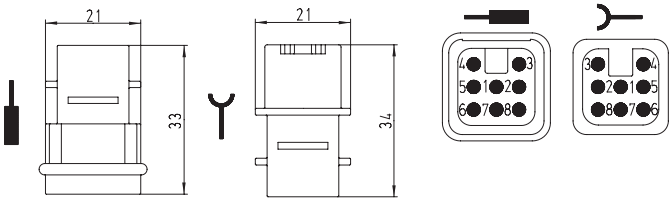
4-pole + ground



7-pole + ground



8-pole



Subject to change without further notice

Contact inserts

Contact inserts *revos* MINI

7-pole + ground

8-pole

Description	Type	Part No.	P.U.
Contact inserts *revos* MINI	**7-pole + ground**		
Male insert without crimp contacts	MIN STC 7 25	73.710.0753.0	10
Female insert without crimp contacts	MIN BUC 7 25	73.700.0753.0	10
Contact inserts *revos* MINI	**8-pole**		
Male insert without crimp contacts	MIN STC 8 05	73.710.0853.0	10
Female insert without crimp contacts	MIN BUC 8 05	73.700.0853.0	10
Contacts for crimp version	mm² / AWG		
Male reel contacts, Sn	0.2 – 0.56 / 24-20	05.544.0900.0	5000
Female reel contacts, Sn	0.2 – 0.56 / 24-20	02.124.0900.0	5000
Male reel contacts, Sn	0.75 – 1.5 / 18-16	05.544.1000.0	5000
Female reel contacts, Sn	0.75 – 1.5 / 18-16	02.124.1000.0	5000
Male single contacts, Sn	0.2 – 0.56 / 24-20	05.544.0929.0	200
Female single contacts, Sn	0.2 – 0.56 / 24-20	02.124.0929.0	200
Male single contacts, Sn	0.75 – 1.5 / 18-16	05.544.1029.0	200
Female single contacts, Sn	0.75 – 1.5 / 18-16	02.124.1029.0	200
Male reel contacts, Au	0.5 – 1.5 / 20-16	05.544.1400.0	5000
Female reel contacts, Au	0.5 – 1.5 / 20-16	02.124.1400.0	5000
Male single contacts, Au	0.5 – 1.5 / 20-16	05.544.1429.0	200
Female single contacts, Au	0.5 – 1.5 / 20-16	02.124.1429.0	200

Technical data	**7-pole + ground**	**8-pole**
Rated voltage		
Installed in a plastic housing	250 V	50 V
Installed in a metal housing	50 V	50 V
Rated voltage according to UL/CSA	600 V	42 V
Rated impulse voltage		
Plastic housing	4 kV	0.8 kV
Metal housing	0.8 kV	
Rated current	10 A	
Degree of pollution	3	
Rated cross section		
EN 60999	0.2 – 1.5 mm²	
UL	18 – 16 AWG	
CSA	24 – 16 AWG	
Contacts		
Material	Copper alloy	
Surface	Au or SN	
Insulation strip length	4 mm	
Contact resistance	4 mΩ	
Mating cycles	Sn 50 / Au 500	
Screws head design / recomm. torque		
Mounting screws	M3 / 0.5 – 0.7 Nm	
Clamping screws	-	
Ground conductor screws	-	
Temperature range	-40 – +120 °C	

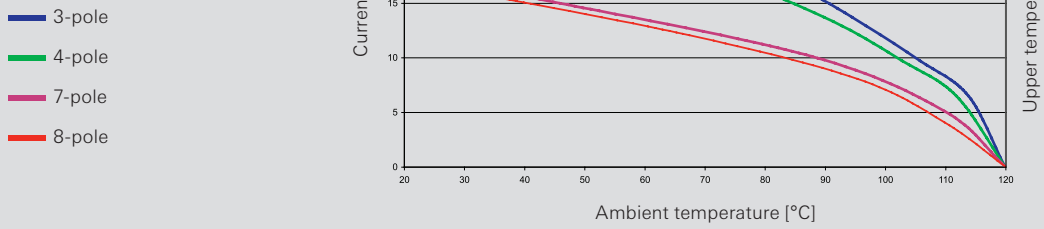
Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"E"	05.502.2400.0	1
Contact positioner	"2"	05.502.3200.0	1
Extraction tool		05.502.0000.0	1
Housing *revos* MINI		Page 134–135	

Derating curve

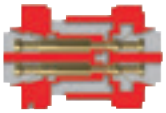
according to IEC 60512 sec. 3

revos MINI

10 A / 2.5 mm² / 1.5 mm²



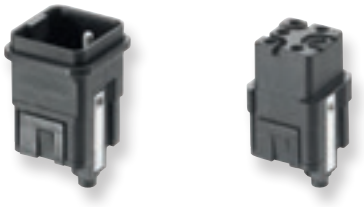
Contact inserts



Contact inserts *revos* MINI

pending

5-pole + ground



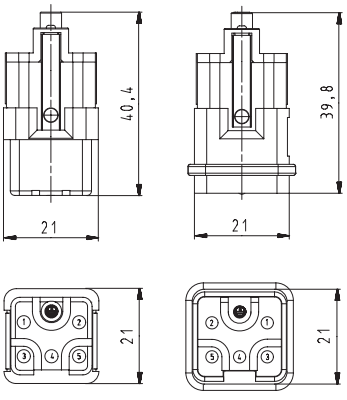
Description	Type	Part No.	P.U.
Contact inserts *revos* MINI	**5-pole + ground**		
Male insert without crimp contacts	MIN STC 5 25 AG	73.710.0553.0	10
Female insert without crimp contacts	MIN BUC 5 25 AG	73.700.0553.0	10
Contacts for crimp version	mm^2 / AWG, turned ø 2.5 mm		
Male insert	0.5 / 20	05.543.70xx.0	200
Female insert	0.5 / 20	02.123.70xx.0	200
Male insert	0.75 – 1 / 18	05.543.71xx.0	200
Female insert	0.75 – 1 / 18	02.123.71xx.0	200
Male insert	1.5 / 16	05.543.72xx.0	200
Female insert	1.5 / 16	02.123.72xx.0	200
Male insert	2.5 / 14	05.543.73xx.0	200
Female insert	2.5 / 14	02.123.73xx.0	200
Male insert	4 / 12	05.543.74xx.0	200
Female insert	4 / 12	02.123.74xx.0	200
Surface	silver-plated xx = 02 / gold-plated xx = 01		

Technical data	
Rated voltage	
Installed in a plastic housing	L-PE 250 V / L-L 400 V
Installed in a metal housing	L-PE 250 V / L-L 400 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	
Plastic housing	6 kV
Metal housing	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 4 mm^2, ground: 2.5 mm^2
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Au or Ag
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	M3 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	M3 / 0.5 – 0.7 Nm
Temperature range	-40 … +120 °C

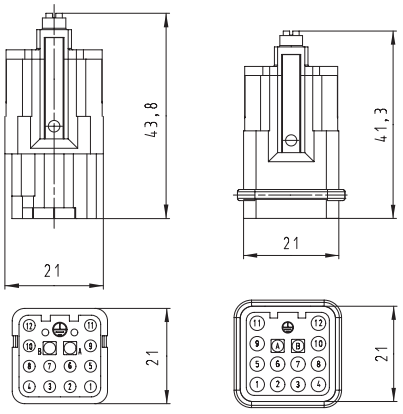
Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"3"	05.502.3300.0	1
Extraction tool		05.502.3500.0	1
Housing *revos* MINI		Page 134–135	

Dimensions

5-pole + ground



12-pole + ground



Subject to change without further notice

Contact inserts

Contact inserts *revos* MINI

pending

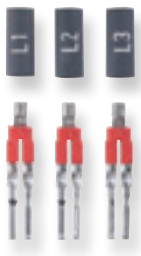
12-pole + ground

Coding piece

Testing potentials see page 258

Star jumper

Triangle jumper



If the triangle jumper is used, the high version of the housing upper part is required (76.362.0736.x/see p. 134)

Description	Type	Part No.	P.U.
Contact inserts *revos* MINI	**12-pole + ground**		
Male insert without crimp contacts	MIN STC 12 40 AG	73.710.1253.0	10
Female insert without crimp contacts	MIN BUC 12 40 AG	73.700.1253.0	10
Contacts for crimp version	mm² / AWG, turned ø 1.6 mm		
Male insert	0.14 – 0.37 / 26 – 22	05.544.4129.x	100
Female insert	0.14 – 0.37 / 26 – 22	02.125.4129.x	100
Male insert	0.5 / 20	05.544.4229.x	100
Female insert	0.5 / 20	02.125.4229.x	100
Male insert	0.75 – 1.0 / 18	05.544.4329.x	100
Female insert	0.75 – 1.0 / 18	02.125.4329.x	100
Male insert	1.5 / 16	05.544.4429.x	100
Female insert	1.5 / 16	02.125.4429.x	100
Male insert	2.5 / 14	05.544.4529.x	100
Female insert	2.5 / 14	02.125.4529.x	100
Surface	silver-plated x = 8 / gold-plated x = 7		
LWL POF Contacts Ø 1,6			
Male insert		02.125.2421.0	5
Female insert		05.544.8121.0	5

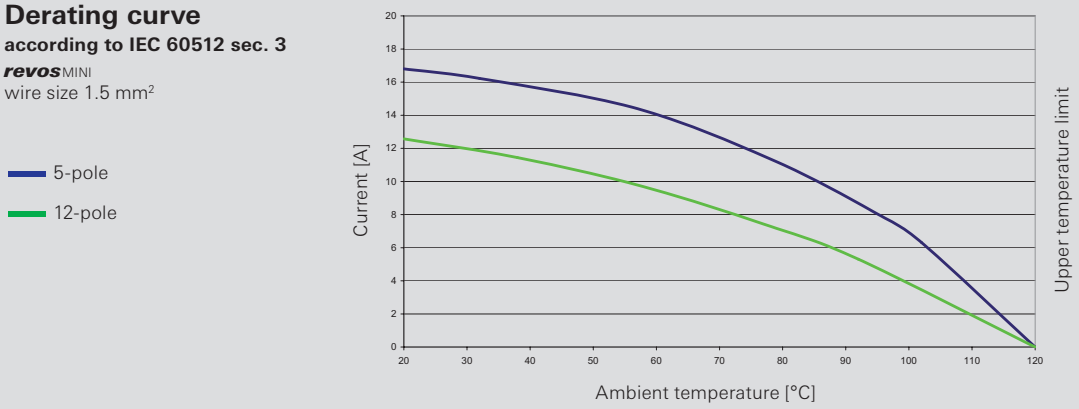
Technical data	
Rated voltage	
Installed in a plastic housing	L-PE 400 V / L-L 690 V
Installed in a metal housing	L-PE 400 V / L-L 690 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	
Plastic housing	4 kV
Metal housing	4 kV
Rated current	10 A
Degree of pollution	3
Rated cross section	
EN 60999	0.14 – 2.5 mm², ground: 2.5 mm²
UL	26 – 14 AWG
CSA	26 – 14 AWG
Contacts	
Material	Copper alloy
Surface	Au or Ag
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	M3 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	M3 / 0.5 – 0.7 Nm
Temperature range	-40 … +120 °C

Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"1"	05.502.3100.0	1
Extraction tool		05.502.0710.0	1
Set of tools for optical fiber POF contacts		95.101.2000.0	1
Coding piece	MIN KOD 12	05.568.0353.0	20
Star jumper	MIN BR ST 12 BU	Z7.280.4327.0	5
Triangle jumper	MIN BR DR 12 BU	Z7.280.4227.0	5
Housing *revos* MINI		Page 134-135	

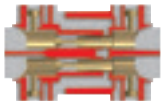
Derating curve

according to IEC 60512 sec. 3

revos MINI
wire size 1.5 mm²



500 V contact inserts, screw connection



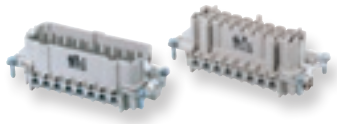
Contact inserts *revos* BASIC

VDE-PB

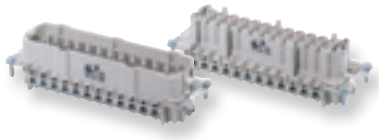
6-pole + ground
Size 6

10-pole + ground
Size 10

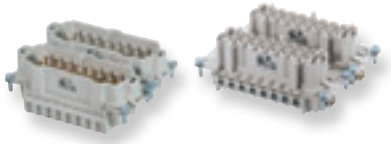
16-pole + ground
Size 16



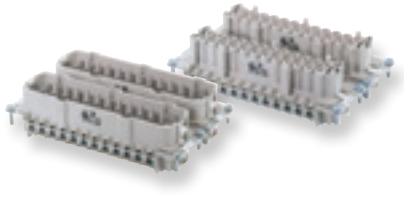
24-pole + ground
Size 24



32-pole + ground
Size 32



48-pole + ground
Size 48



* Preparation of the wire required: ferrrule, ultrasonic welding for flexible cables

Description	Type	Part No.	P.U.
Contact inserts *revos* BASIC 500 V	**6-pole + ground**		
Male insert with wire protection, Sn	BAS STS 6 2,5 50	70.310.0640.0	10
Male insert with wire protection, Ag	BAS STS 6 2,5 50 AG	70.310.0602.0	10
Male insert with wire protection, Au	BAS STS 6 2,5 50 AU	70.311.0640.0	10
Male insert without wire protection, Sn*	BAS STS OD 6 2,5 50	70.312.0640.0	10
Female insert with wire protection, Sn	BAS BUS 6 2,5 50	70.300.0640.0	10
Female insert with wire protection, Ag	BAS BUS 6 2,5 50 AG	70.300.0602.0	10
Female insert with wire protection, Au	BAS BUS 6 2,5 50 AU	70.301.0640.0	10
Female insert without wire protection, Sn*	BAS BUS OD 6 2,5 50	70.302.0640.0	10
Contact inserts *revos* BASIC 500 V	**10-pole + ground**		
Male insert with wire protection, Sn	BAS STS 10 2,5 50	70.310.1040.0	10
Male insert with wire protection, Ag	BAS STS 10 2,5 50 AG	70.310.1002.0	10
Male insert with wire protection, Au	BAS STS 10 2,5 50 AU	70.311.1040.0	10
Male insert without wire protection, Sn*	BAS STS OD 10 2,5 50	70.312.1040.0	10
Female insert with wire protection, Sn	BAS BUS 10 2,5 50	70.300.1040.0	10
Female insert with wire protection, Ag	BAS BUS 10 2,5 50 AG	70.300.1002.0	10
Female insert with wire protection, Au	BAS BUS 10 2,5 50 AU	70.301.1040.0	10
Female insert without wire protection, Sn*	BAS BUS OD 10 2,5 50	70.302.1040.0	10
Contact inserts *revos* BASIC 500 V	**16-pole + ground**		
Male insert with wire protection, Sn	BAS STS 16 2,5 50	70.310.1640.0	10
Male insert with wire protection, Ag	BAS STS 16 2,5 50 AG	70.310.1602.0	10
Male insert with wire protection, Au	BAS STS 16 2,5 50 AU	70.311.1640.0	10
Male insert without wire protection, Sn*	BAS STS OD 16 2,5 50	70.312.1640.0	10
Female insert with wire protection, Sn	BAS BUS 16 2,5 50	70.300.1640.0	10
Female insert with wire protection, Ag	BAS BUS 16 2,5 50 AG	70.300.1602.0	10
Female insert with wire protection, Au	BAS BUS 16 2,5 50 AU	70.301.1640.0	10
Female insert without wire protection, Sn*	BAS BUS OD 16 2,5 50	70.302.1640.0	10
Contact inserts *revos* BASIC 500 V	**24-pole + ground**		
Male insert with wire protection, Sn	BAS STS 24 2,5 50	70.310.2440.0	10
Male insert with wire protection, Ag	BAS STS 24 2,5 50 AG	70.310.2402.0	10
Male insert with wire protection, Au	BAS STS 24 2,5 50 AU	70.311.2440.0	10
Male insert without wire protection, Sn*	BAS STS OD 24 2,5 50	70.312.2440.0	10
Female insert with wire protection, Sn	BAS BUS 24 2,5 50	70.300.2440.0	10
Female insert with wire protection, Ag	BAS BUS 24 2,5 50 AG	70.300.2402.0	10
Female insert with wire protection, Au	BAS BUS 24 2,5 50 AU	70.301.2440.0	10
Female insert without wire protection, Sn*	BAS BUS OD 24 2,5 50	70.302.2440.0	10
Contact inserts *revos* BASIC 500 V	**32-pole + ground**		
Male insert with wire protection, Sn, marked 1-16, 17-32	BAS STS 32 2,5 50	70.310.3253.0	5
Male insert with wire protection, Ag, marked 1-16, 17-32	BAS STS 32 2,5 50 AG	70.310.3202.0	5
Female insert with wire protection, Sn, marked 1-16, 17-32	BAS BUS 32 2,5 50	70.300.3253.0	5
Female insert with wire protection, Ag, marked 1-16, 17-32	BAS BUS 32 2,5 50 AG	70.300.3202.0	5
Contact inserts *revos* BASIC 500 V	**48-pole + ground**		
Male insert with wire protection, Sn, marked 1-24, 25-48	BAS STS 48 2,5 50	70.310.4840.0	5
Female insert with wire protection, Sn, marked 1-24, 25-48	BAS BUS 48 2,5 50	70.300.4840.0	5

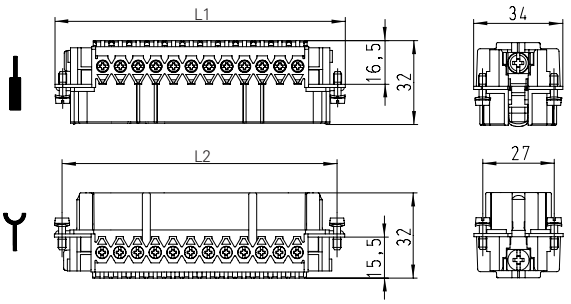
Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn, Ag, Au
Insulation strip length	7 mm
Contact resistance	≤ 1,5 mΩ
Mating cycles	Sn 200 / Ag, Au 500
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	H1 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

Housing *revos* BASIC	Type	Page
Size	6/6H	136–143
Size	10/10H	144–161
Size	16/16H	162–181
Size	24/24H	182–201
Size	32	202–203
Size	48	204–207

Subject to change without further notice

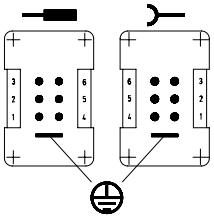
Dimensions

6-pole + ground – 24-pole + ground

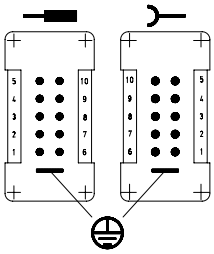


Number of poles	L1 [mm]	L2 [mm]
6	50.5	44.0
10	63.0	57.0
16	83.0	77.5
24	110.8	104.0

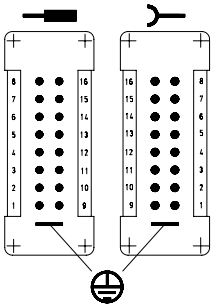
6-pole + ground



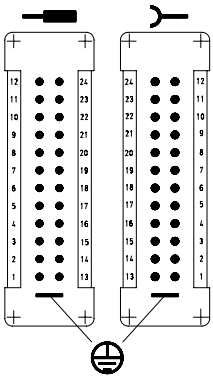
10-pole + ground



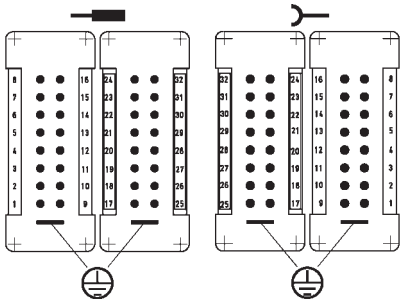
16-pole + ground



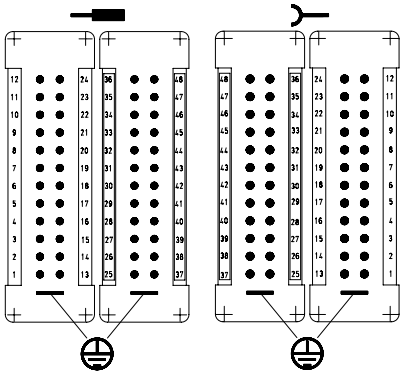
24-pole + ground



32-pole + ground



48-pole + ground

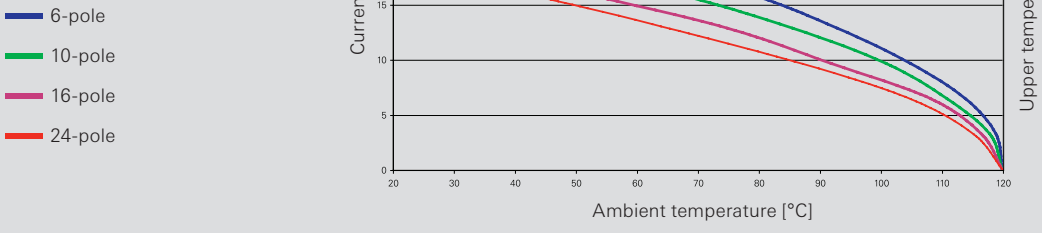


Derating curve

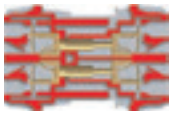
according to IEC 60512 sec. 3

revos BASIC

Screw version 500V / 16 A / 2.5 mm²

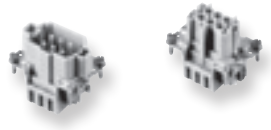


500 V contact inserts, spring clamp connection

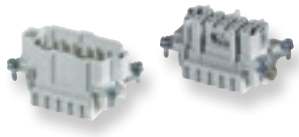


Contact inserts *revos* BASIC

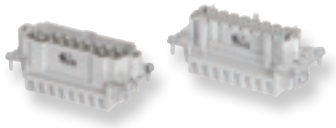
6-pole + ground
Size 6



10-pole + ground
Size 10

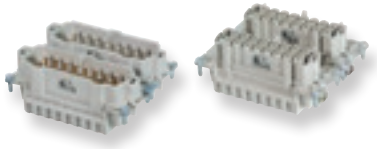


16-pole + ground
Size 16



24-pole + ground
Size 24

32-pole + ground
Size 32



48-pole + ground
Size 48

Description	Type	Part No.	P.U.
Contact inserts *revos* BASIC 500 V	**6-pole + ground**		
Male insert	BAS STF 6 2,5 50	70.510.0653.0	10
Female insert	BAS BUF 6 2,5 50	70.500.0653.0	10
Contact inserts *revos* BASIC 500 V	**10-pole + ground**		
Male insert	BAS STF 10 2,5 50	70.510.1053.0	10
Female insert	BAS BUF 10 2,5 50	70.500.1053.0	10
Contact inserts *revos* BASIC 500 V	**16-pole + ground**		
Male insert	BAS STF 16 2,5 50	70.510.1653.0	10
Female insert	BAS BUF 16 2,5 50	70.500.1653.0	10
Contact inserts *revos* BASIC 500 V	**24-pole + ground**		
Male insert	BAS STF 24 2,5 50	70.510.2453.0	10
Female insert	BAS BUS 24 2,5 50	70.500.2453.0	10
Contact inserts *revos* BASIC 500 V	**32-pole + ground**		
Male insert, marked 1-16, 17-32	BAS STF 32 2,5 50	70.510.3253.0	5
Female insert, marked 1-16, 17-32	BAS BUF 32 2,5 50	70.500.3253.0	5
Contact inserts *revos* BASIC 500 V	**48-pole + ground**		
Male insert, marked 1-24, 25-48	BAS STF 48 2,5 50	70.510.4853.0	5
Female insert, marked 1-24, 25-48	BAS BUF 48 2,5 50	70.500.4853.0	5

Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.14 – 2.5 mm²
UL	26 – 12 AWG
CSA	26 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Ag
Insulation strip length	7 mm
Contact resistance	≤ 3 mΩ
Mating cycles	500
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

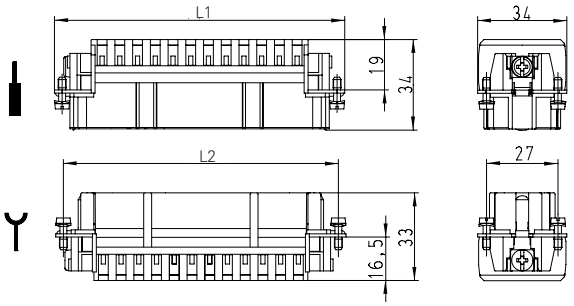
Description	Type	Part No.	P.U.
Accessories			
Screwdriver blade	DIN 5264 A 0,6 x 3,5	06.502.4000.0	5

Housing *revos* BASIC	Type	Page
Size	6/6H	136–143
Size	10/10H	144–161
Size	16/16H	162–181
Size	24/24H	182–201
Size	32	202–203
Size	48	204–207

Subject to change without further notice

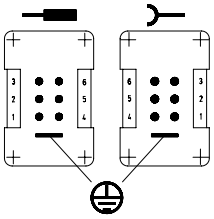
Dimensions

6-pole + ground – 24-pole + ground

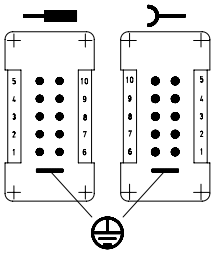


Number of poles	L1 [mm]	L2 [mm]
6	50.0	44.0
10	63.0	57.0
16	83.0	77.5
24	110.0	104.0

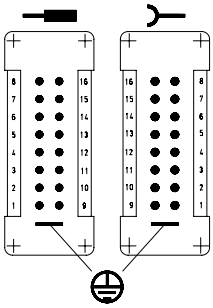
6-pole + ground



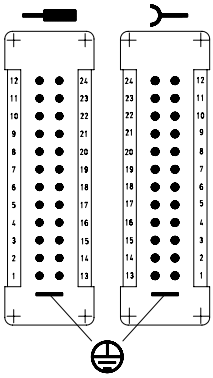
10-pole + ground



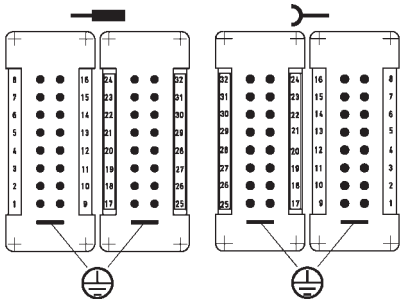
16-pole + ground



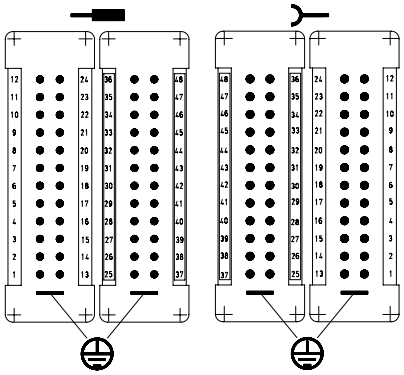
24-pole + ground



32-pole + ground



48-pole + ground

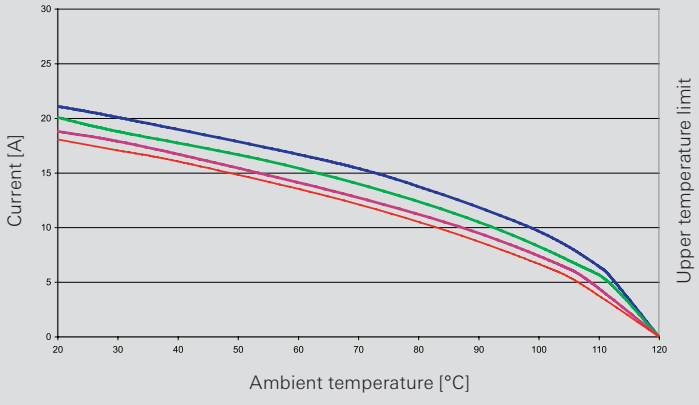


Derating curve

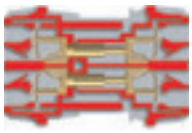
according to IEC 60512 sec. 3

revos BASIC
Spring version
500V / 16 A / 2.5 mm²

- 6-pole
- 10-pole
- 16-pole
- 24-pole



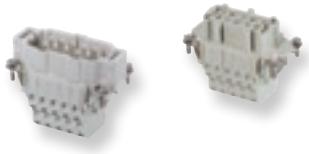
500 V contact inserts, double spring clamp connection



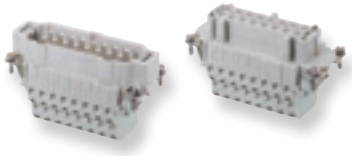
Contact inserts revos BASIC

6-pole + ground
Size 6H

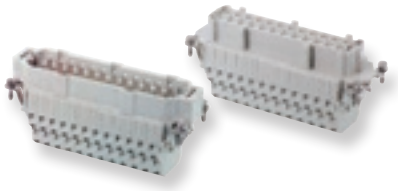
10-pole + ground
Size 10H



16-pole + ground
Size 16H



24-pole + ground
Size 24H



Description	Type	Part No.	P.U.
Contact inserts revos BASIC 500 V	**6-pole + ground**		
Male insert	BAS STM 6 2,5 50 AG	70.512.0653.0	1
Female insert	BAS BUM 6 2,5 50 AG	70.502.0653.0	1
Contact inserts revos BASIC 500 V	**10-pole + ground**		
Male insert	BAS STM 10 2,5 50 AG	70.512.1053.0	1
Female insert	BAS BUM 10 2,5 50 AG	70.502.1053.0	1
Contact inserts revos BASIC 500 V	**16-pole + ground**		
Male insert	BAS STM 16 2,5 50 AG	70.512.1653.0	1
Female insert	BAS BUM 16 2,5 50 AG	70.502.1653.0	1
Contact inserts revos BASIC 500 V	**24-pole + ground**		
Male insert	BAS STM 24 2,5 50 AG	70.512.2453.0	1
Female insert	BAS BUM 24 2,5 50 AG	70.502.2453.0	1

Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.14 – 2.5 mm²
UL	26 – 14 AWG
CSA	26 – 14 AWG
Contacts	
Material	Copper alloy
Surface	Ag
Insulation strip length	9 – 11 mm
Contact resistance	≤ 3 mΩ
Mating cycles	500
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

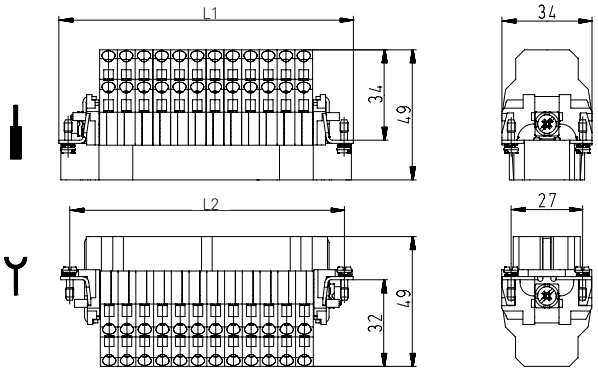
Description	Type	Part No.	P.U.
Accessories			
Screwdriver blade	DIN 5264 A 0,6 x 3,5	06.502.4000.0	5

Housing revos BASIC	Type	Page
Size	6H	138–139, 142–143
Size	10H	146, 150, 156, 160
Size	16H	164, 168, 174, 176, 177, 180
Size	24H	184, 188, 194, 196, 197, 200

Subject to change without further notice

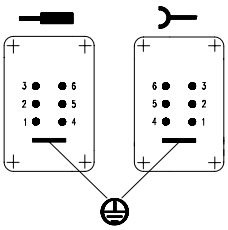
Dimensions

6-pole + ground – 24-pole + ground

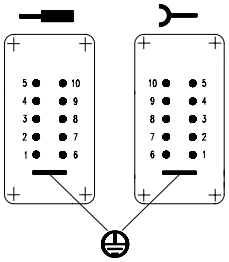


Number of poles	L1 [mm]	L2 [mm]
6	44.0	44.0
10	64.0	57.0
16	84.5	77.5
24	111.0	104.0

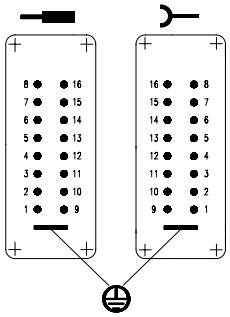
6-pole + ground



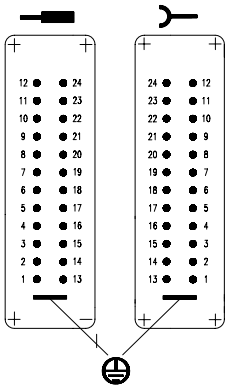
10-pole + ground



16-pole + ground



24-pole + ground



Derating curve

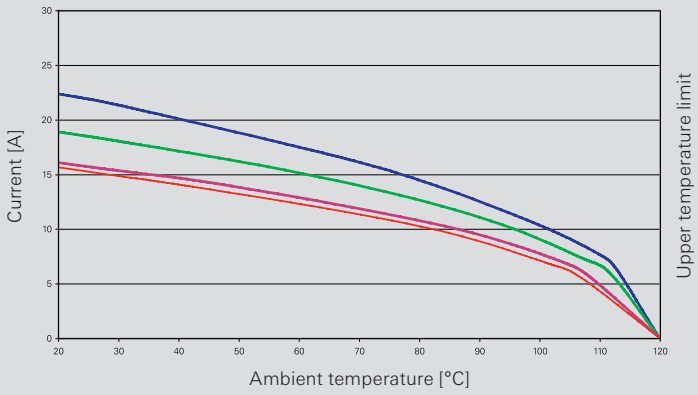
according to IEC 60512 sec. 3

revos BASIC

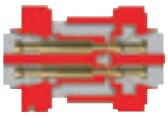
Spring version with double connection

500V / 16 A / 2.5 mm²

- 6-pole
- 10-pole
- 16-pole
- 24-pole



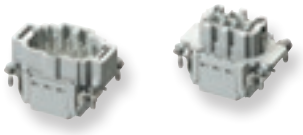
500 V contact inserts with push-in connection



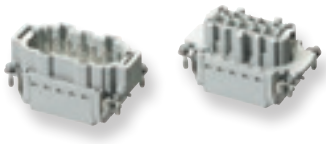
Contact inserts revos BASIC

c UL us pending

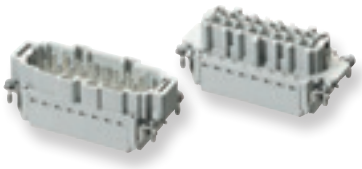
6-pole + ground
Size 6



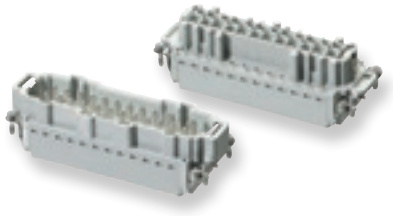
10-pole + ground
Size 10



16-pole + ground
Size 16



24-pole + ground
Size 24



Description	Type	Part No.	P.U.
Contact inserts *revos* BASIC EE 500 V	**10-pole + ground**		
Male insert	BAS STP 6 2,5 50 AG	70.415.0653.0	1
Female insert	BAS BUP 6 2,5 50 AG	70.405.0653.0	1
Contact inserts *revos* BASIC EE 500 V	**18-pole + ground**		
Male insert	BAS STP 10 2,5 50 AG	70.415.1053.0	1
Female insert	BAS BUP 10 2,5 50 AG	70.405.1053.0	1
Contact inserts *revos* BASIC EE 500 V	**32-pole + ground**		
Male insert	BAS STP 16 2,5 50 AG	70.415.1653.0	1
Female insert	BAS BUP 16 2,5 50 AG	70.405.1653.0	1
Contact inserts *revos* BASIC EE 500 V	**46-pole + ground**		
Male insert	BAS STP 24 2,5 50 AG	70.415.2453.0	1
Female insert	BAS BUP 24 2,5 50 AG	70.405.2453.0	1

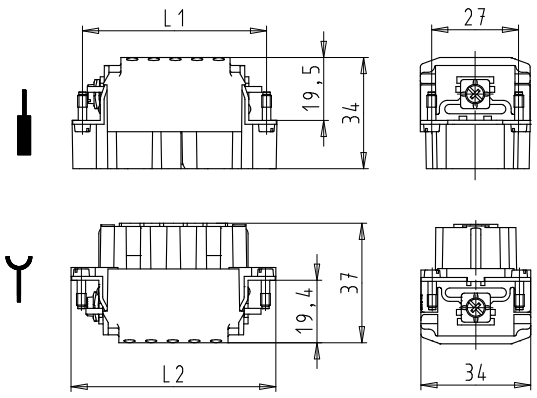
Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.14 – 2.5 mm²
UL	26 – 14 AWG
CSA	26 – 14 AWG
	Can be used with solid wires and flexible wires with wire end sleeves
Contacts	
Material	Copper alloy
Surface	Ag
Insulation strip length	8 – 10 mm
Contact resistance	≤ 5 mΩ
Mating cycles	500
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 Nm
Clamping screws	-
Ground conductor screws	H2 / 1.2 Nm
Temperature range	-40 … +120 °C

Housing *revos* BASIC	Type	Page
Size	6/6H	136–143
Size	10/10H	144–161
Size	16/16H	162–181
Size	24/24H	182–201

Subject to change without further notice

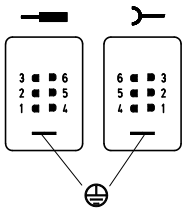
Dimensions

6-polig + PE – 24-polig + PE

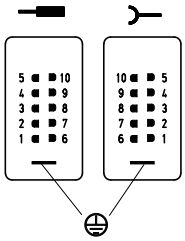


Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.4
16	77.1	83.5
24	104.0	110.3

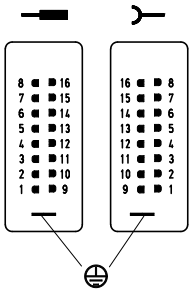
6-pole + ground



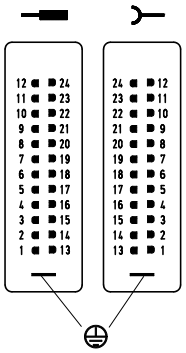
10-pole + ground



16-pole + ground



24-pole + ground



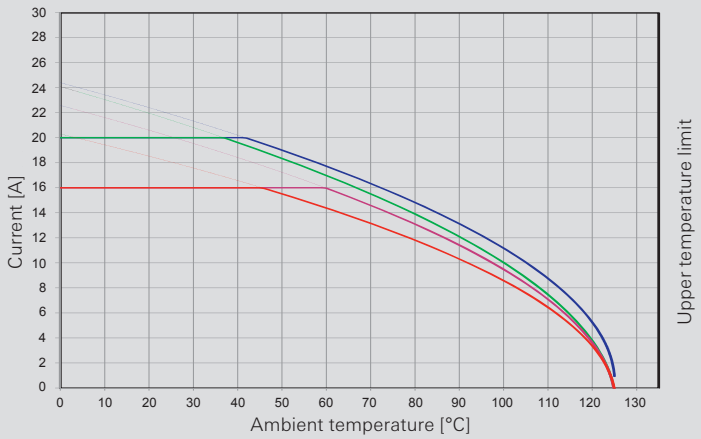
Derating curve

according to IEC 60512 sec. 3

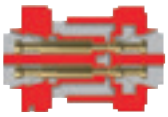
revos BASIC

Spring version

500V / 16 A / 2.5 mm²



500 V contact inserts, crimp connection



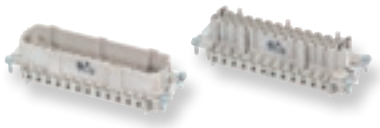
Contact inserts *revos* BASIC

6-pole + ground
Size 6

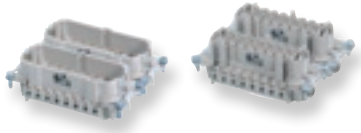
10-pole + ground
Size 10

16-pole + ground
Size 16

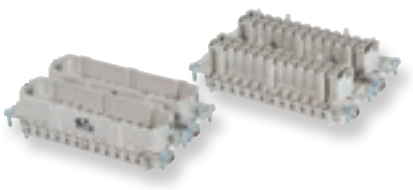
24-pole + ground
Size 24



32-pole + ground
Size 32



48-pole + ground
Size 48



Description	Type	Part No.	P.U.
Contact inserts *revos* BASIC 500 V	**6-pole + ground**		
Male insert	BAS STC 6 50	70.710.0658.0	10
Female insert	BAS BUC 6 50	70.700.0658.0	10
Contact inserts *revos* BASIC 500 V	**10-pole + ground**		
Male insert	BAS STC 10 50	70.710.1058.0	10
Female insert	BAS BUC 10 50	70.700.1058.0	10
Contact inserts *revos* BASIC 500 V	**16-pole + ground**		
Male insert	BAS STC 16 50	70.710.1658.0	10
Female insert	BAS BUC 16 50	70.700.1658.0	10
Contact inserts *revos* BASIC 500 V	**24-pole + ground**		
Male insert	BAS STC 24 50	70.710.2458.0	10
Female insert	BAS BUC 24 50	70.700.2458.0	10
Contact inserts *revos* BASIC 500 V	**32-pole + ground**		
Male insert, marked 1-16, 17-32	BAS STC 32 50	70.710.3253.0	5
Female insert, marked 1-16, 17-32	BAS BUC 32 50	70.700.3253.0	5
Contact inserts *revos* BASIC 500 V	**48-pole + ground**		
Male insert, marked 1-24, 25-48	BAS STC 48 50	70.710.4858.0	5
Female insert, marked 1-24, 25-48	BAS BUC 48 50	70.700.4858.0	5
Contacts for crimp connection	mm^2 / AWG		
Male insert	0.5 / 20	05.543.70xx.0	200
Female insert	0.5 / 20	02.123.70xx.0	200
Male insert	0.75 – 1 / 18	05.543.71xx.0	200
Female insert	0.75 – 1 / 18	02.123.71xx.0	200
Male insert	1.5 / 16	05.543.72xx.0	200
Female insert	1.5 / 16	02.123.72xx.0	200
Male insert	2.5 / 14	05.543.73xx.0	200
Female insert	2.5 / 14	02.123.73xx.0	200
Male insert	4 / 12	05.543.74xx.0	200
Female insert	4 / 12	02.123.74xx.0	200
Surface	tin-plated xx = 21 / silver-plated xx = 02 / gold-plated xx = 01		

Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 4 mm^2
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn, Ag, Au
Insulation strip length	7 mm
Contact resistance	≤ 1,5 mΩ
Mating cycles	Sn 200 / Ag, Au 500
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

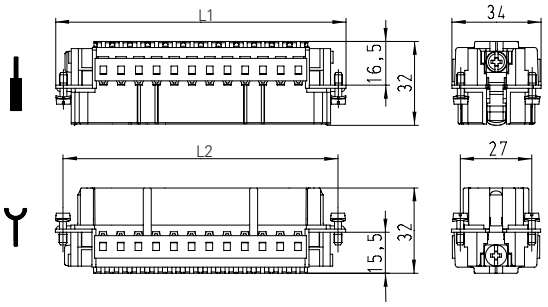
Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"3"	05.502.3300.0	1
Extraction tool		05.502.3500.0	1

Housing *revos* BASIC	Type	Page
Size	6/6H	136–143
Size	10/10H	144–161
Size	16/16H	162–181
Size	24/24H	182–201
Size	32	201–203
Size	48	204–207

Subject to change without further notice

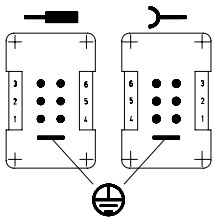
Dimensions

6-pole + ground – 24-pole + ground

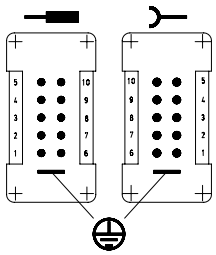


Number of poles	L1 [mm]	L2 [mm]
6	50.0	44.0
10	63.0	57.0
16	83.0	77.5
24	110.0	104.0

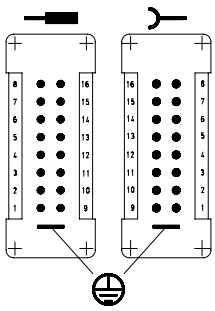
6-pole + ground



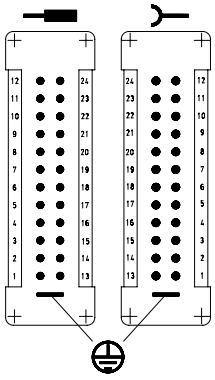
10-pole + ground



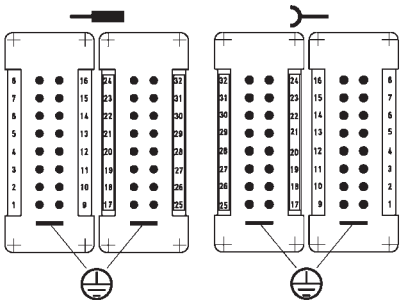
16-pole + ground



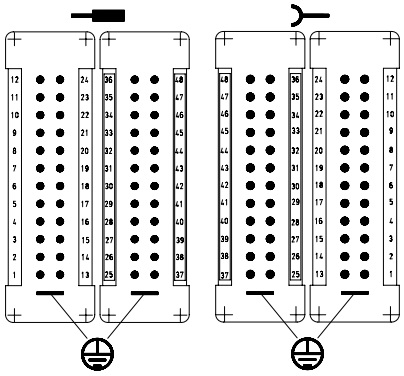
24-pole + ground



32-pole + ground

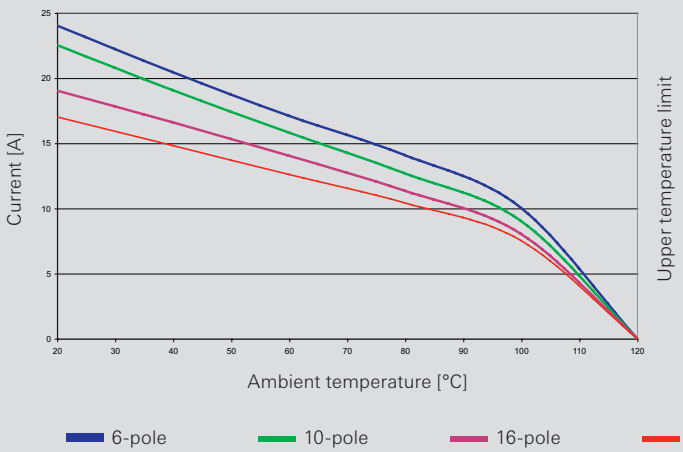


48-pole + ground



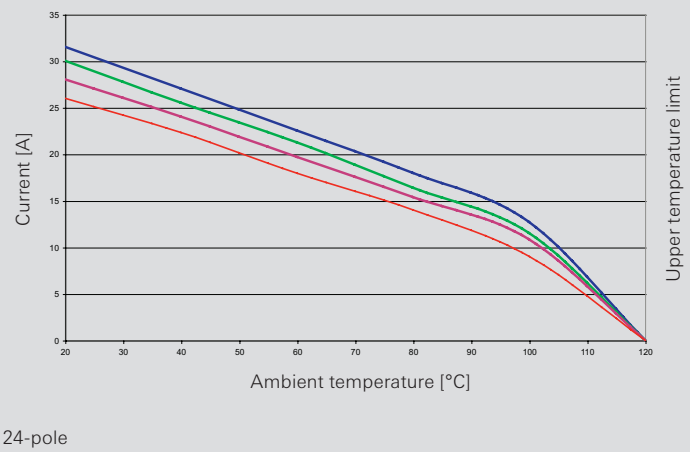
Derating curve according to IEC 60512 sec. 3

*revos*BASIC crimp version 500V / 16 A / 1.5 mm²

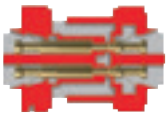


Derating curve according to IEC 60512 sec. 3

*revos*BASIC crimp version 500V / 16 A / 2.5 mm²

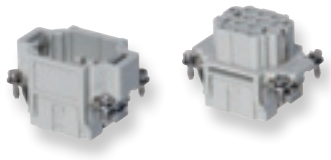


500 V contact inserts with crimp connection

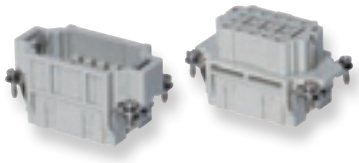


Contact inserts revos BASIC EE

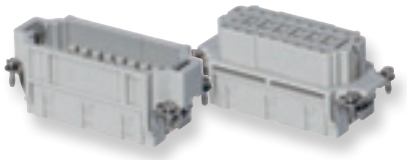
10-pole + ground
Size 6/6H



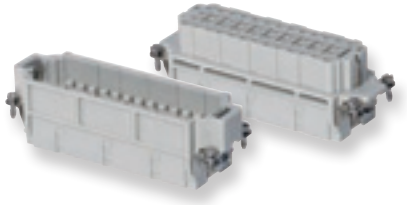
18-pole + ground
Size 10/10H



32-pole + ground
Size 16/16H



46-pole + ground
Size 24/24H



Description	Type	Part No.	P.U.
Contact inserts *revos* BASIC EE 500 V	**10-pole + ground**		
Male insert	BAS STCK 10 50	70.810.1056.0	1
Female insert	BAS BUCK 10 50	70.800.1056.0	1
Contact inserts *revos* BASIC EE 500 V	**18-pole + ground**		
Male insert	BAS STCK 18 50	70.810.1856.0	1
Female insert	BAS BUCK 18 50	70.800.1856.0	1
Contact inserts *revos* BASIC EE 500 V	**32-pole + ground**		
Male insert	BAS STCK 32 50	70.810.3256.0	1
Female insert	BAS BUCK 32 50	70.800.3256.0	1
Contact inserts *revos* BASIC EE 500 V	**46-pole + ground**		
Male insert	BAS STCK 46 50	70.810.4656.0	1
Female insert	BAS BUCK 46 50	70.800.4656.0	1
Contacts for crimp connection	mm^2 / AWG		
Male insert	0.5 / 20	05.543.70xx.0	200
Female insert	0.5 / 20	02.123.70xx.0	200
Male insert	0.75 – 1 / 18	05.543.71xx.0	200
Female insert	0.75 – 1 / 18	02.123.71xx.0	200
Male insert	1.5 / 16	05.543.72xx.0	200
Female insert	1.5 / 16	02.123.72xx.0	200
Male insert	2.5 / 14	05.543.73xx.0	200
Female insert	2.5 / 14	02.123.73xx.0	200
Male insert	4 / 12	05.543.74xx.0	200
Female insert	4 / 12	02.123.74xx.0	200
Surface	tin-plated xx = 21 / silver-plated xx = 02 / gold-plated xx = 01		

Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 4 mm^2
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Ag, Au
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	Sn 200 / Ag, Au 500
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

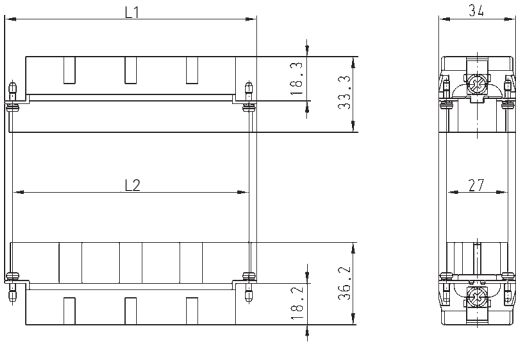
Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"3"	05.502.3300.0	1
Extraction tool		05.502.3500.0	1

Housing *revos* BASIC	Type	Page
Size	6/6H	136–143
Size	10/10H	144–161
Size	16/16H	162–181
Size	24/24H	182–201

Subject to change without further notice

Dimensions

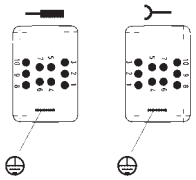
10-pole + ground – 46-pole + ground



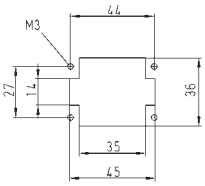
Number of poles	L1 [mm]	L2 [mm]
10	44.0	44.0
18	64.0	57.0
32	84.5	77.5
46	111.0	104.0

10-pole + ground

Connection side

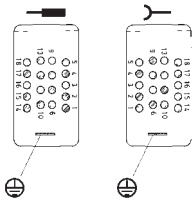


Cut-out

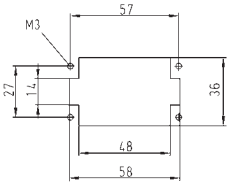


18-pole + ground

Connection side

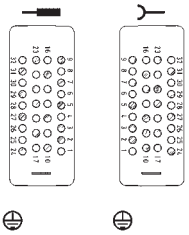


Cut-out



32-pole + ground

Connection side



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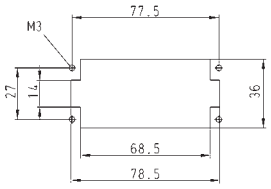
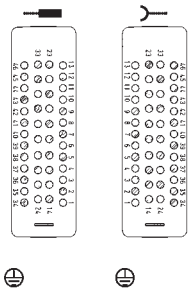
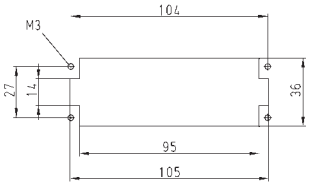


46-pole + ground

Connection side

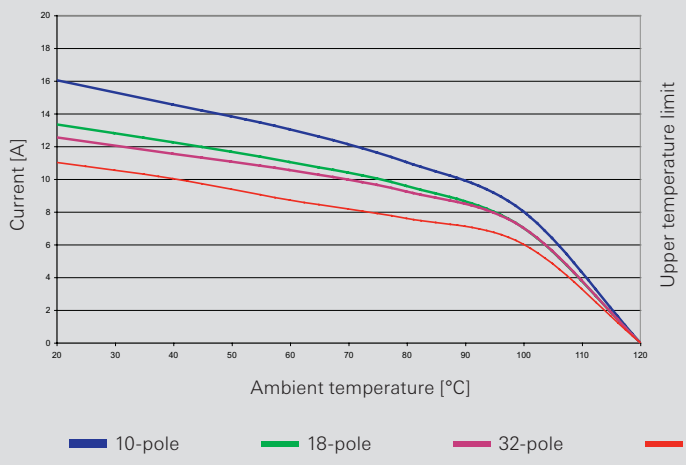


Cut-out



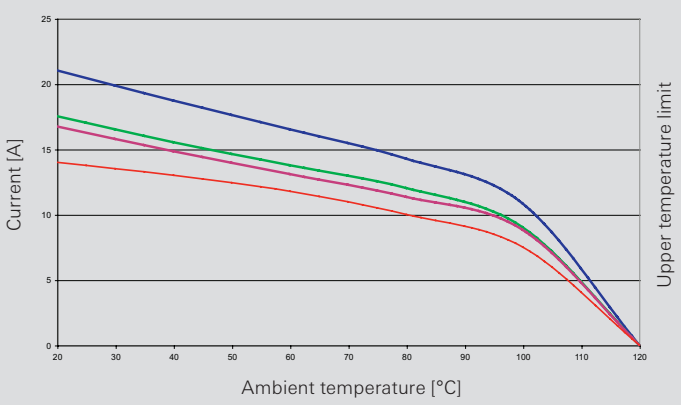
Derating curve according to IEC 60512 sec. 3

revos BASIC EE 500V / 16 A / 1.5 mm²

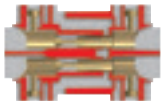


Derating curve according to IEC 60512 sec. 3

revos BASIC EE 500V / 16 A / 2.5 mm²

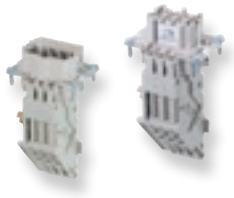


500 V multipole adapter with screw connection

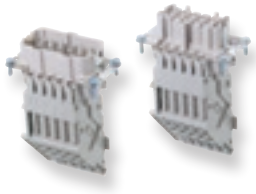


Multipole adapter *revos* BASIC

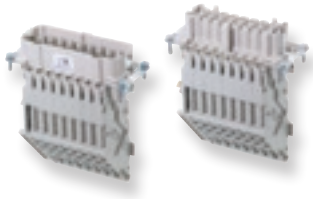
6-pole + ground
Size 6



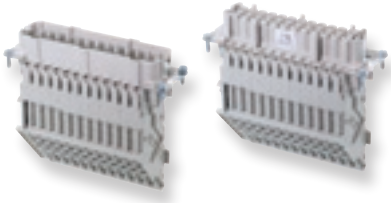
10-pole + ground
Size 10



16-pole + ground
Size 16



24-pole + ground
Size 24



Description	Type	Part No.	P.U.
Multipole adapter *revos* BASIC 500 V	**6-pole + ground**		
Long design (6 marking fields)			
Male insert, ground right	BAS SAS LR 6 4,0 50	70.115.0653.3	10
Female insert, ground right	BAS BAS LR 6 4,0 50	70.105.0653.3	10
Male insert, ground left	BAS SAS LL 6 4,0 50	70.110.0653.3	10
Female insert, ground left	BAS BAS LL 6 4,0 50	70.100.0653.3	10
Short design (4 marking fields)			
Male insert, ground right	BAS SAS KR 6 4,0 50	70.115.0653.4	10
Female insert, ground right	BAS BAS KR 6 4,0 50	70.105.0653.4	10
Male insert, ground left	BAS SAS KL 6 4,0 50	70.110.0653.4	10
Female insert, ground left	BAS BAS KL 6 4,0 50	70.100.0653.4	10
Multipole adapter *revos* BASIC 500 V	**10-pole + ground**		
Long design (6 marking fields)			
Male insert, ground right	BAS SAS LR 10 4,0 50	70.115.1053.3	10
Female insert, ground right	BAS BAS LR 10 4,0 50	70.105.1053.3	10
Male insert, ground left	BAS SAS LL 10 4,0 50	70.110.1053.3	10
Female insert, ground left	BAS BAS LL 10 4,0 50	70.100.1053.3	10
Short design (4 marking fields)			
Male insert, ground right	BAS SAS KR 10 4,0 50	70.115.1053.4	10
Female insert, ground right	BAS BAS KR 10 4,0 50	70.105.1053.4	10
Male insert, ground left	BAS SAS KL 10 4,0 50	70.110.1053.4	10
Female insert, ground left	BAS BAS KL 10 4,0 50	70.100.1053.4	10
Multipole adapter *revos* BASIC 500 V	**16-pole + ground**		
Long design (6 marking fields)			
Male insert, ground right	BAS SAS LR 16 4,0 50	70.115.1653.3	10
Female insert, ground right	BAS BAS LR 16 4,0 50	70.105.1653.3	10
Male insert, ground left	BAS SAS LL 16 4,0 50	70.110.1653.3	10
Female insert, ground left	BAS BAS LL 16 4,0 50	70.100.1653.3	10
Short design (4 marking fields)			
Male insert, ground right	BAS SAS KR 16 4,0 50	70.115.1653.4	10
Female insert, ground right	BAS BAS KR 16 4,0 50	70.105.1653.4	10
Male insert, ground left	BAS SAS KL 16 4,0 50	70.110.1653.4	10
Female insert, ground left	BAS BAS KL 16 4,0 50	70.100.1653.4	10
Multipole adapter *revos* BASIC 500 V	**24-pole + ground**		
Long design (6 marking fields)			
Male insert, ground right	BAS SAS LR 24 4,0 50	70.115.2453.3	10
Female insert, ground right	BAS BAS LR 24 4,0 50	70.105.2453.3	10
Male insert, ground left	BAS SAS LL 24 4,0 50	70.110.2453.3	10
Female insert, ground left	BAS BAS LL 24 4,0 50	70.100.2453.3	10
Short design (4 marking fields)			
Male insert, ground right	BAS SAS KR 24 4,0 50	70.115.2453.4	10
Female insert, ground right	BAS BAS KR 24 4,0 50	70.105.2453.4	10
Male insert, ground left	BAS SAS KL 24 4,0 50	70.110.2453.4	10
Female insert, ground left	BAS BAS KL 24 4,0 50	70.100.2453.4	10

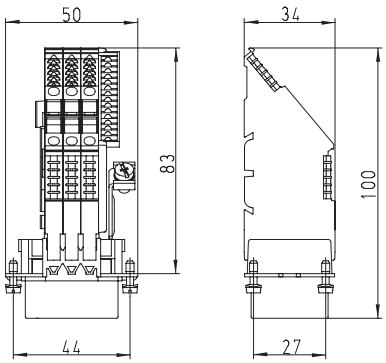
Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 4 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	12 mm
Contact resistance	≤ 3 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	M3 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

Open-bottom base *revos* BASIC	Type	Page
Size	6	140
Size	10	148, 158
Size	16	166, 178
Size	24	186, 198

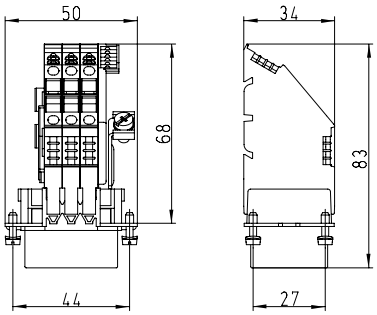
Subject to change without further notice

Dimensions

6-pole + ground

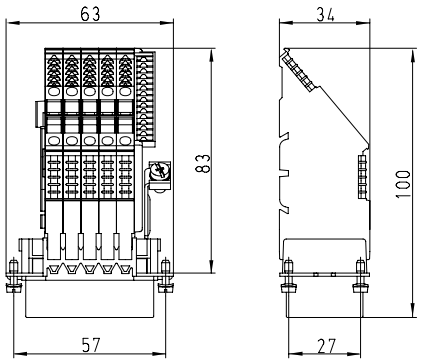


Long design

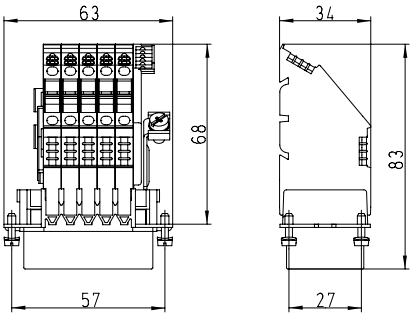


Short design

10-pole + ground

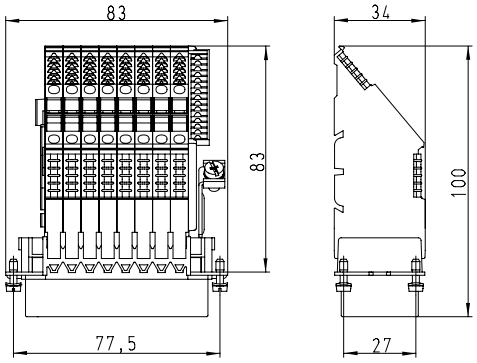


Long design

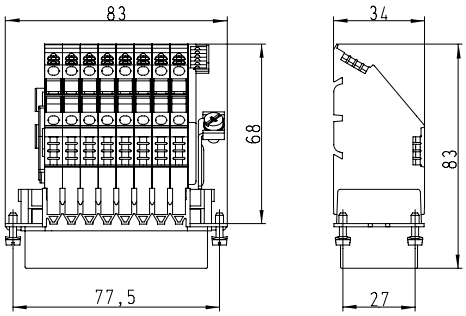


Short design

16-pole + ground

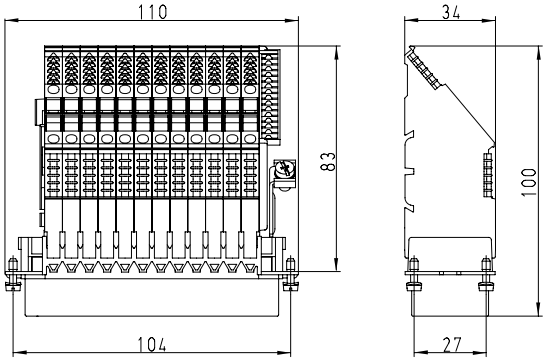


Long design

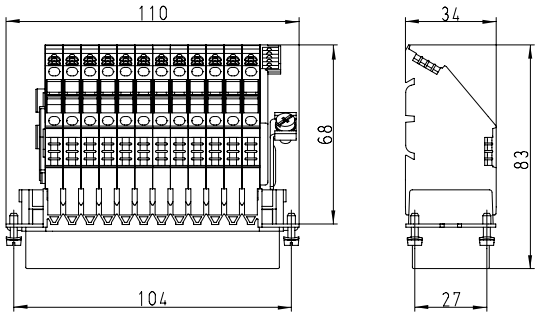


Short design

24-pole + ground

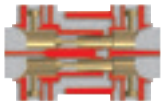


Long design



Short design

500 V multipole adapter with screw connection Sets of 2 components with Bottom base, Single locking lever



Multipole adapter *revos* BASIC + Bottom base with single locking lever

6-pole + ground
Size 6

10-pole + ground
Size 10

16-pole + ground
Size 16

24-pole + ground
Size 24

Description	Type	Part No.	P.U.
Multipole adapter *revos* BASIC 500 V	**6-pole + ground**		
Long design (6 marking fields)			
Male insert, ground right	BAS GAESHRS 6 4,0 50	70.955.0653.3	10
Female insert, ground right	BAS GAESHRB 6 4,0 50	70.945.0653.3	10
Male insert, ground left	BAS GAESHLS 6 4,0 50	70.950.0653.3	10
Female insert, ground left	BAS GAESHLB 6 4,0 50	70.940.0653.3	10
Short design (4 marking fields)			
Male insert, ground right	BAS GAESNRS 6 4,0 50	70.955.0653.4	10
Female insert, ground right	BAS GAESNRB 6 4,0 50	70.945.0653.4	10
Male insert, ground left	BAS GAESNLS 6 4,0 50	70.950.0653.4	10
Female insert, ground left	BAS GAESNLB 6 4,0 50	70.940.0653.4	10
Multipole adapter *revos* BASIC 500 V	**10-pole + ground**		
Long design (6 marking fields)			
Male insert, ground right	BAS GAESHRS 10 4,0 50	71.955.1053.3	10
Female insert, ground right	BAS GAESHRB 10 4,0 50	71.945.1053.3	10
Male insert, ground left	BAS GAESHLS 10 4,0 50	71.950.1053.3	10
Female insert, ground left	BAS GAESHLB 10 4,0 50	71.940.1053.3	10
Short design (4 marking fields)			
Male insert, ground right	BAS GAESNRS 10 4,0 50	71.955.1053.4	10
Female insert, ground right	BAS GAESNRB 10 4,0 50	71.945.1053.4	10
Male insert, ground left	BAS GAESNLS 10 4,0 50	71.950.1053.4	10
Female insert, ground left	BAS GAESNLB 10 4,0 50	71.940.1053.4	10
Multipole adapter *revos* BASIC 500 V	**16-pole + ground**		
Long design (6 marking fields)			
Male insert, ground right	BAS GAESHRS 16 4,0 50	71.955.1653.3	10
Female insert, ground right	BAS GAESHRB 16 4,0 50	71.945.1653.3	10
Male insert, ground left	BAS GAESHLS 16 4,0 50	71.950.1653.3	10
Female insert, ground left	BAS GAESHLB 16 4,0 50	71.940.1653.3	10
Short design (4 marking fields)			
Male insert, ground right	BAS GAESNRS 16 4,0 50	71.955.1653.4	10
Female insert, ground right	BAS GAESNRB 16 4,0 50	71.945.1653.4	10
Male insert, ground left	BAS GAESNLS 16 4,0 50	71.950.1653.4	10
Female insert, ground left	BAS GAESNLB 16 4,0 50	71.940.1653.4	10
Multipole adapter *revos* BASIC 500 V	**24-pole + ground**		
Long design (6 marking fields)			
Male insert, ground right	BAS GAESHRS 24 4,0 50	71.955.2453.3	10
Female insert, ground right	BAS GAESHRB 24 4,0 50	71.945.2453.3	10
Male insert, ground left	BAS GAESHLS 24 4,0 50	71.950.2453.3	10
Female insert, ground left	BAS GAESHLB 24 4,0 50	71.940.2453.3	10
Short design (4 marking fields)			
Male insert, ground right	BAS GAESNRS 24 4,0 50	71.955.2453.4	10
Female insert, ground right	BAS GAESNRB 24 4,0 50	71.945.2453.4	10
Male insert, ground left	BAS GAESNLS 24 4,0 50	71.950.2453.4	10
Female insert, ground left	BAS GAESNLB 24 4,0 50	71.940.2453.4	10

Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 4 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	12 mm
Contact resistance	≤ 3 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	M3 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

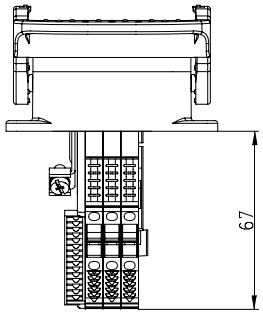
These multipole adapters can be mounted inside the control cabinet.
Please use the version B coding accessory..

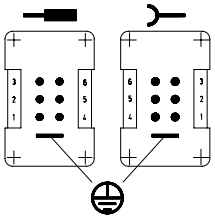
Coding accessories can be found on page 254–258.

Subject to change without further notice

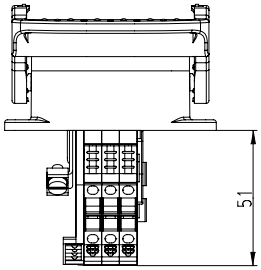
Dimensions

6-pole + ground



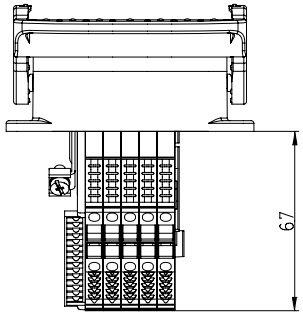


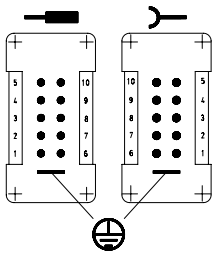
Long design



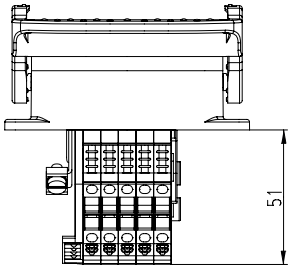
Short design

10-pole + ground



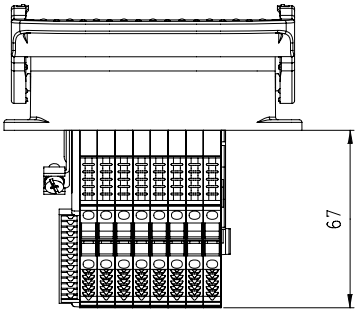


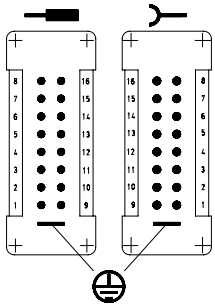
Long design



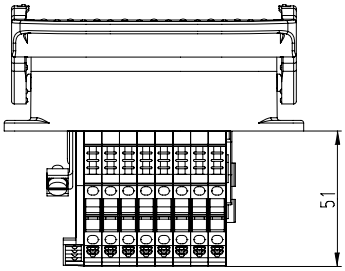
Short design

16-pole + ground



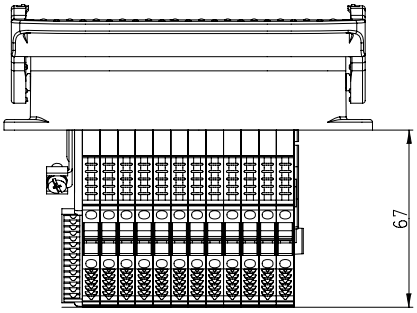


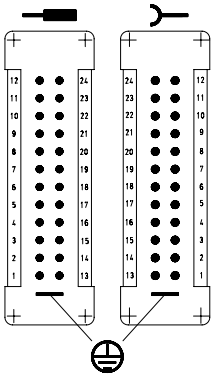
Long design



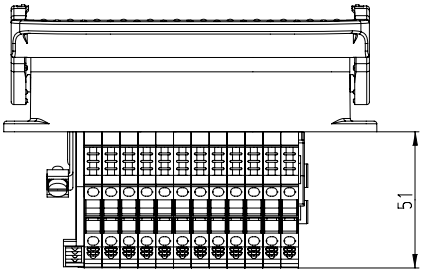
Short design

24-pole + ground



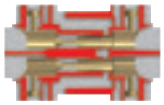


Long design



Short design

500 V multipole adapter with screw connection Sets of 2 components with Bottom base, Double locking lever



Multipole adapter *revos* BASIC + Bottom base with double locking lever

10-pole + ground
Size 10

16-pole + ground
Size 16

24-pole + ground
Size 24

Description	Type	Part No.	P.U.
Multipole adapter *revos* BASIC 500 V	**10-pole + ground**		
Long design (6 marking fields)			
Male insert, ground right	BAS GAZSHRS 10 4,0 50	70.955.1053.3	10
Female insert, ground right	BAS GAZSHRB 10 4,0 50	70.945.1053.3	10
Male insert, ground left	BAS GAZSHLS 10 4,0 50	70.950.1053.3	10
Female insert, ground left	BAS GAZSHLB 10 4,0 50	70.940.1053.3	10
Short design (4 marking fields)			
Male insert, ground right	BAS GAZSNRS 10 4,0 50	70.955.1053.4	10
Female insert, ground right	BAS GAZSNRB 10 4,0 50	70.945.1053.4	10
Male insert, ground left	BAS GAZSNLS 10 4,0 50	70.950.1053.4	10
Female insert, ground left	BAS GAZSNLB 10 4,0 50	70.940.1053.4	10
Multipole adapter *revos* BASIC 500 V	**16-pole + ground**		
Long design (6 marking fields)			
Male insert, ground right	BAS GAZSHRS 16 4,0 50	70.955.1653.3	10
Female insert, ground right	BAS GAZSHRB 16 4,0 50	70.945.1653.3	10
Male insert, ground left	BAS GAZSHLS 16 4,0 50	70.950.1653.3	10
Female insert, ground left	BAS GAZSHLB 16 4,0 50	70.940.1653.3	10
Short design (4 marking fields)			
Male insert, ground right	BAS GAZSNRS 16 4,0 50	70.955.1653.4	10
Female insert, ground right	BAS GAZSNRB 16 4,0 50	70.945.1653.4	10
Male insert, ground left	BAS GAZSNLS 16 4,0 50	70.950.1653.4	10
Female insert, ground left	BAS GAZSNLB 16 4,0 50	70.940.1653.4	10
Multipole adapter *revos* BASIC 500 V	**24-pole + ground**		
Long design (6 marking fields)			
Male insert, ground right	BAS GAZSHRS 24 4,0 50	70.955.2453.3	10
Female insert, ground right	BAS GAZSHRB 24 4,0 50	70.945.2453.3	10
Male insert, ground left	BAS GAZSHLS 24 4,0 50	70.950.2453.3	10
Female insert, ground left	BAS GAZSHLB 24 4,0 50	70.940.2453.3	10
Short design (4 marking fields)			
Male insert, ground right	BAS GAZSNRS 24 4,0 50	70.955.2453.4	10
Female insert, ground right	BAS GAZSNRB 24 4,0 50	70.945.2453.4	10
Male insert, ground left	BAS GAZSNLS 24 4,0 50	70.950.2453.4	10
Female insert, ground left	BAS GAZSNLB 24 4,0 50	70.940.2453.4	10

Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 4 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	12 mm
Contact resistance	≤ 3 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	M3 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

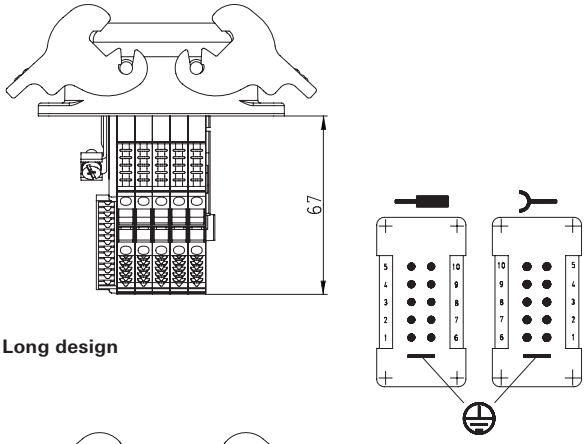
These multipole adapters can be mounted inside the control cabinet.
Please use the version B coding accessory..

Coding accessories can be found on page 254–258.

Subject to change without further notice

Dimensions

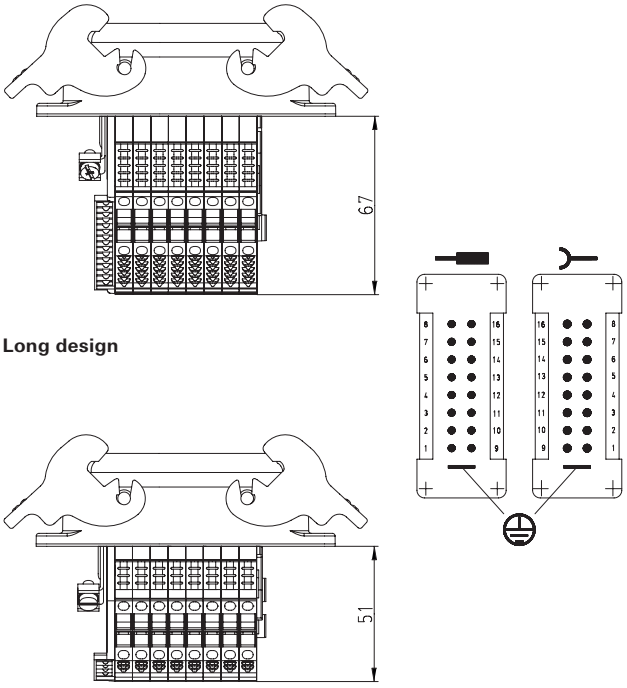
10-pole + ground



Long design

Short design

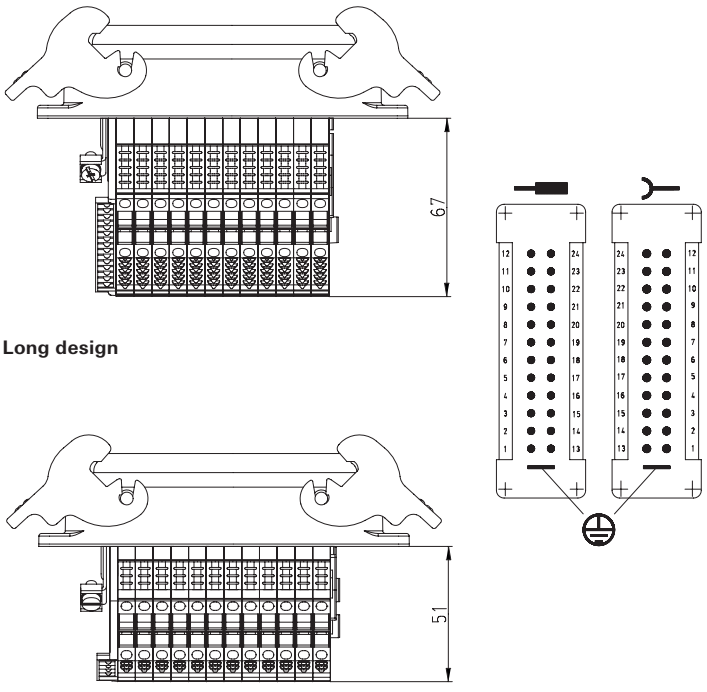
16-pole + ground



Long design

Short design

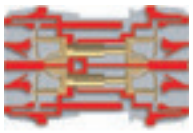
24-pole + ground



Long design

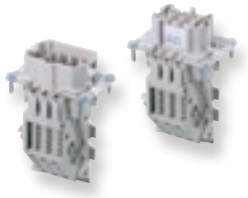
Short design

500 V multipole adapter with spring clamp connection

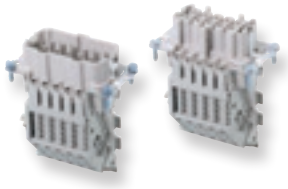


Multipole adapter *revos* BASIC

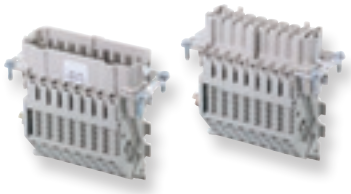
6-pole + ground
Size 6



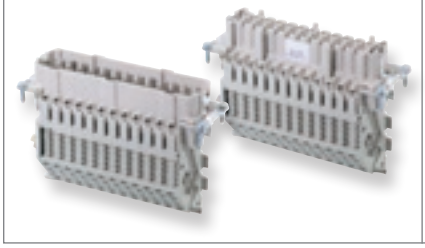
10-pole + ground
Size 10



16-pole + ground
Size 16



24-pole + ground
Size 24



Description		Type	Part No.	P.U.
Multipole adapter *revos* BASIC 500 V		**6-pole + ground**		
Short design (6 marking fields)				
Male insert,	ground right	BAS SAF KR 6 2,5 50	70.116.0653.0	10
Female insert,	ground right	BAS BAF KR 6 2,5 50	70.106.0653.0	10
Male insert,	ground left	BAS SAF KL 6 2,5 50	70.111.0653.0	10
Female insert,	ground left	BAS BAF KL 6 2,5 50	70.101.0653.0	10
Multipole adapter *revos* BASIC 500 V		**10-pole + ground**		
Short design (6 marking fields)				
Male insert,	ground right	BAS SAF KR 10 2,5 50	70.116.1053.0	10
Female insert,	ground right	BAS BAF KR 10 2,5 50	70.106.1053.0	10
Male insert,	ground left	BAS SAF KL 10 2,5 50	70.111.1053.0	10
Female insert,	ground left	BAS BAF KL 10 2,5 50	70.101.1053.0	10
Multipole adapter *revos* BASIC 500 V		**16-pole + ground**		
Short design (6 marking fields)				
Male insert,	ground right	BAS SAF KR 16 2,5 50	70.116.1653.0	10
Female insert,	ground right	BAS BAF KR 16 2,5 50	70.106.1653.0	10
Male insert,	ground left	BAS SAF KL 16 2,5 50	70.111.1653.0	10
Female insert,	ground left	BAS BAF KL 16 2,5 50	70.101.1653.0	10
Multipole adapter *revos* BASIC 500 V		**24-pole + ground**		
Short design (6 marking fields)				
Male insert,	ground right	BAS SAF KR 24 2,5 50	70.116.2453.0	10
Female insert,	ground right	BAS BAF KR 24 2,5 50	70.106.2453.0	10
Male insert,	ground left	BAS SAF KL 24 2,5 50	70.111.2453.0	10
Female insert,	ground left	BAS BAF KL 24 2,5 50	70.101.2453.0	10

Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	9 mm
Contact resistance	≤ 3 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

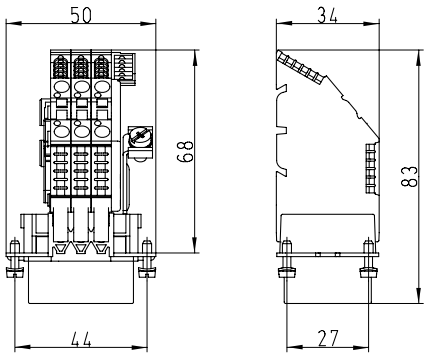
Description	Type	Part No.	P.U.
Accessories			
Screwdriver blade	DIN 5264 A 0,6 x 3,5	06.502.4000.0	5

Open-bottom base *revos* BASIC	Type	Page
Size	6	140
Size	10	148, 158
Size	16	166, 178
Size	24	186, 198

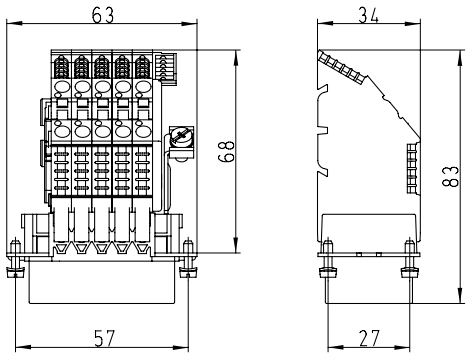
Subject to change without further notice

Dimensions

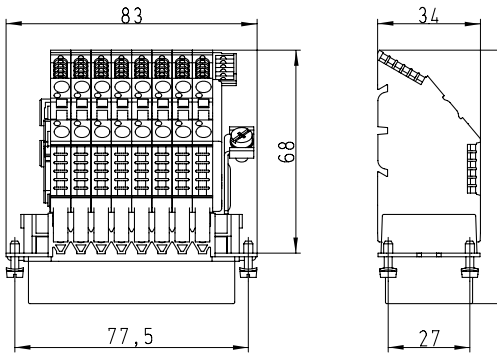
6-pole + ground



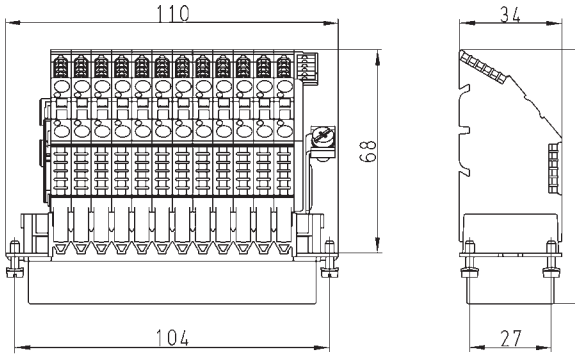
10-pole + ground



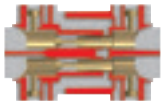
16-pole + ground



24-pole + ground



400/690 V contact inserts, screw connection



Contact inserts *revos* BASIC

3-pole + 2 switching contacts + ground, Size 10

6-pole + 2 switching contacts + ground, Size 16

10-pole + 2 switching contacts + ground, Size 24

16-pole + 2 switching contacts + ground, Size 24

20-pole + 4 switching contacts + ground, Size 48

26-pole + 4 switching contacts + ground, Size 48

32-pole + 4 switching contacts + ground, Size 48

Description	Type	Part No.	P.U.
Contact inserts *revos* BASIC 400/690 V	**3-pole + ground**		
Male insert	BAS STS 3 2,5 64	70.410.0340.0	10
Female insert	BAS BUS 3 2,5 64	70.400.0340.0	10
Contact inserts *revos* BASIC 400/690 V	**6-pole + ground**		
Male insert	BAS STS 6 2,5 64	70.410.0640.0	10
Female insert	BAS BUS 6 2,5 64	70.400.0640.0	10
Contact inserts *revos* BASIC 400/690 V	**10-pole + ground**		
Male insert	BAS STS 10 2,5 64	70.410.1040.0	10
Female insert	BAS BUS 10 2,5 64	70.400.1040.0	10
Contact inserts *revos* BASIC 400/690 V	**16-pole + ground**		
Male insert	BAS STS 16 2,5 64	70.410.1640.0	10
Female insert	BAS BUS 16 2,5 64	70.400.1640.0	10
Contact inserts *revos* BASIC 400/690 V	**20-pole + ground**		
Male insert	BAS STS 20 2,5 64	70.410.2040.0	5
Female insert	BAS BUS 20 2,5 64	70.400.2040.0	5
Contact inserts *revos* BASIC 400/690 V	**26-pole + ground**		
Male insert	BAS STS 26 2,5 64	70.410.2640.0	5
Female insert	BAS BUS 26 2,5 64	70.400.2640.0	5
Contact inserts *revos* BASIC 400/690 V	**32-pole + ground**		
Male insert	BAS STS 32 2,5 64	70.410.3240.0	5
Female insert	BAS BUS 32 2,5 64	70.400.3240.0	5

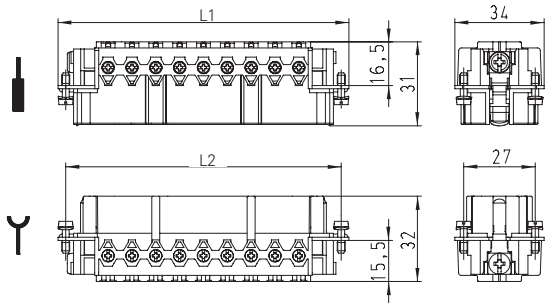
Technical data	
Rated voltage	L-PE 400 V / L-L 690 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	H1 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

Housing *revos* BASIC	Type	Page
Housing Size	10/10H	144–161
Housing Size	16/16H	162–181
Housing Size	24/24H	181–201
Housing Size	48	204–207

Subject to change without further notice

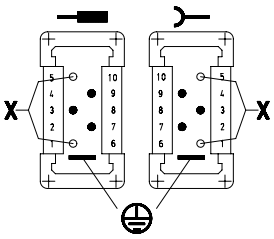
Dimensions

3-pole + ground – 32-pole + ground

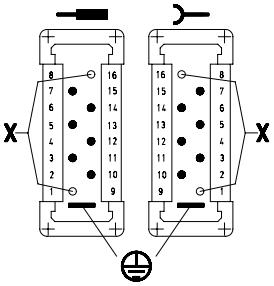


Number of poles	L1 [mm]	L2 [mm]
3	63.0	57.0
6	83.0	77.5
10	110.0	104.0
16	110.0	104.0
20	110.0	104.0
26	110.0	104.0
32	110.0	104.0

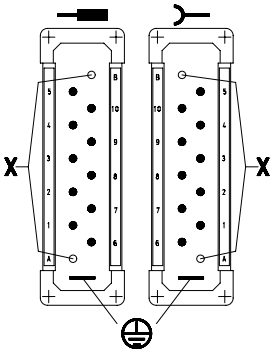
3-pole + ground



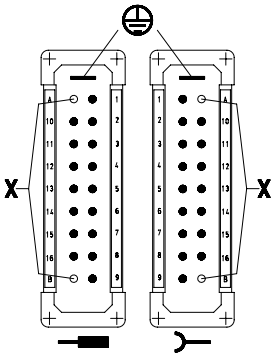
6-pole + ground



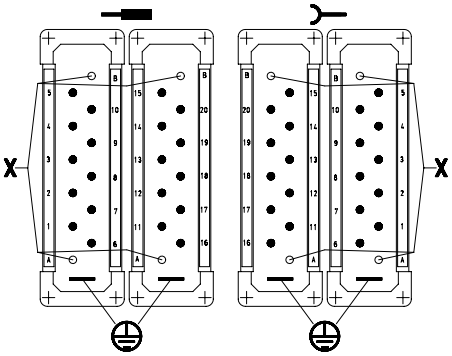
10-pole + ground



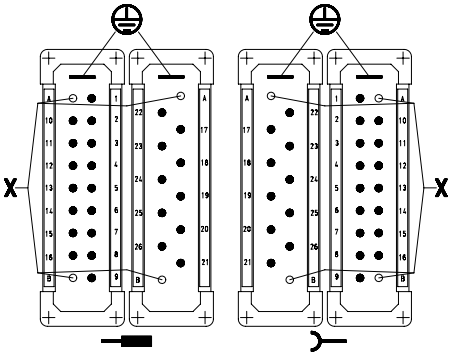
16-pole + ground



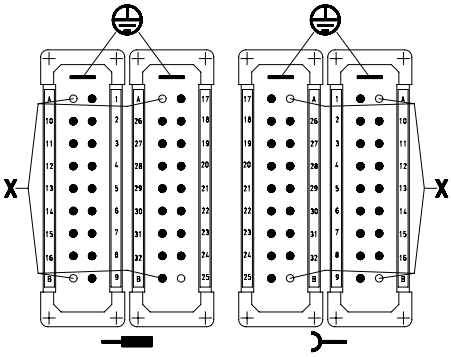
20-pole + ground



26-pole + ground



32-pole + ground



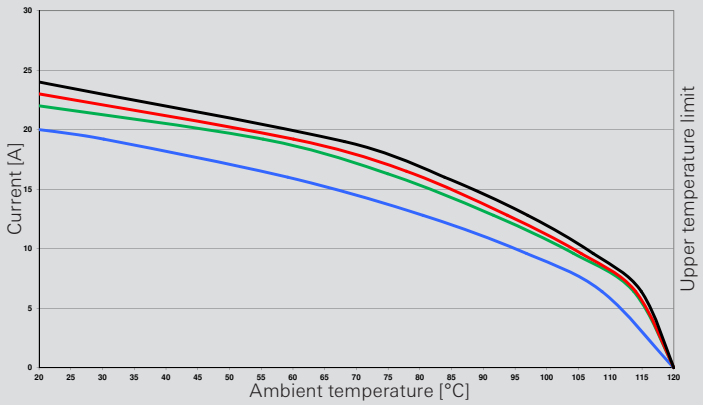
X = shortened switching contacts

Derating curve

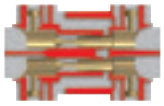
according to IEC 60512 sec. 3

revosBASIC
Screw version
2.5 mm²

- 5-pole
- 8-pole
- 12-pole
- 18-pole



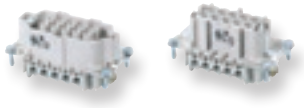
690 V contact inserts, screw connection



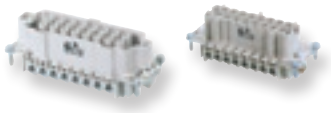
Contact inserts *revos* BASIC

6-pole + ground
Size 6

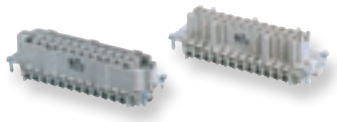
10-pole + ground
Size 10



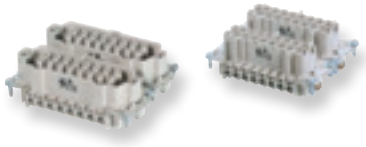
16-pole + ground
Size 16



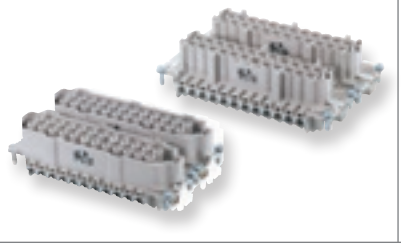
24-pole + ground
Size 24



32-pole + ground
Size 32



48-pole + ground
Size 48



Description	Type	Part No.	P.U.
Contact inserts *revos* BASIC 690 V	**6-pole + ground**		
Male insert	BAS STS 6 2,5 69	72.310.0653.0	10
Female insert	BAS BUS 6 2,5 69	72.300.0653.0	10
Contact inserts *revos* BASIC 690 V	**10-pole + ground**		
Male insert	BAS STS 10 2,5 69	72.310.1053.0	10
Female insert	BAS BUS 10 2,5 69	72.300.1053.0	10
Contact inserts *revos* BASIC 690 V	**16-pole + ground**		
Male insert	BAS STS 16 2,5 69	72.310.1653.0	10
Female insert	BAS BUS 16 2,5 69	72.300.1653.0	10
Contact inserts *revos* BASIC 690 V	**24-pole + ground**		
Male insert	BAS STS 24 2,5 69	72.310.2453.0	10
Female insert	BAS BUS 24 2,5 64	72.300.2453.0	10
Contact inserts *revos* BASIC 690 V	**32-pole + ground**		
Male insert, marked 1-16, 17-32	BAS STS 32 2,5 69	72.310.3253.0	5
Female insert, marked 1-16, 17-32	BAS BUS 32 2,5 69	72.300.3253.0	5
Contact inserts *revos* BASIC 690 V	**48-pole + ground**		
Male insert, marked 1-24, 25-48	BAS STS 48 2,5 69	72.310.4853.0	5
Female insert, marked 1-24, 25-48	BAS BUS 48 2,5 69	72.300.4853.0	5

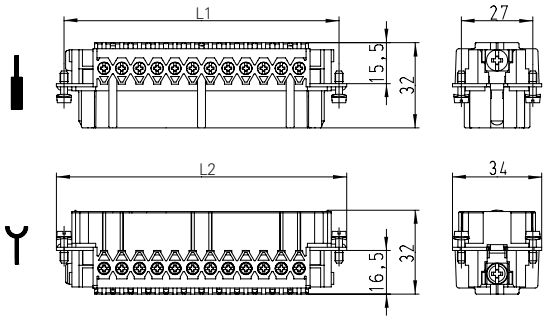
Technical data	
Rated voltage	690 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	H1 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

Housing *revos* BASIC	Type	Page
Size	6/6H	136–143
Size	10/10H	144–161
Size	16/16H	162–181
Size	24/24H	182–201
Size	32	202–203
Size	48	204–207

Subject to change without further notice

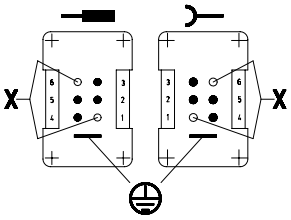
Dimensions

6-pole + ground – 24-pole + ground

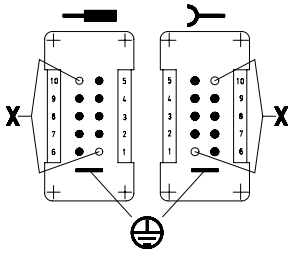


Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.0
16	77.5	83
24	104.0	110.0
32	77.5	83
48	104.0	110.0

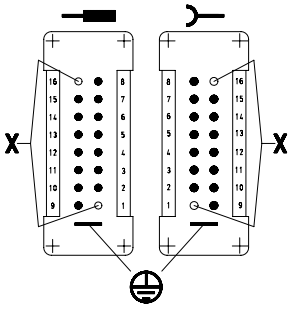
6-pole + ground



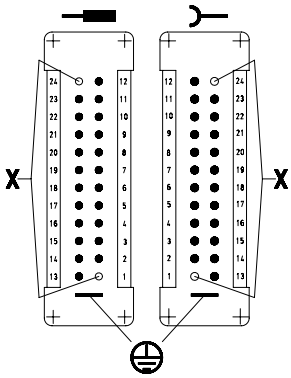
10-pole + ground



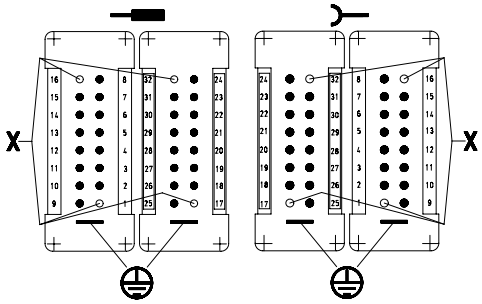
16-pole + ground



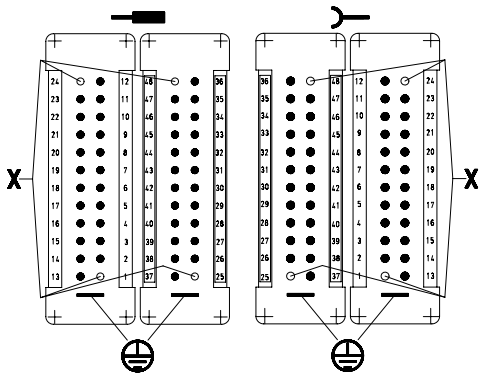
24-pole + ground



32-pole + ground



48-pole + ground



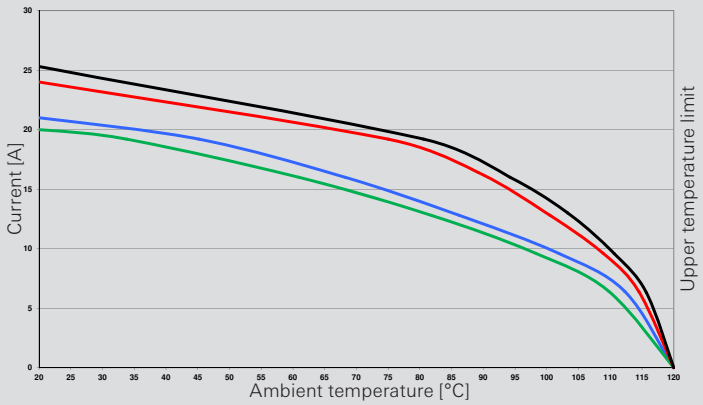
X = shortened switching contacts

Derating curve

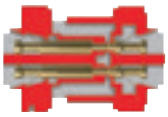
according to IEC 60512 sec. 3

revosBASIC
Screw version
2.5 mm²

- 6-pole
- 10-pole
- 16-pole
- 24-pole



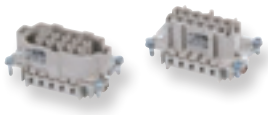
690 V contact inserts, crimp connection



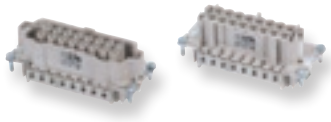
Contact inserts revos BASIC

6-pole + ground
Size 6

10-pole + ground
Size 10

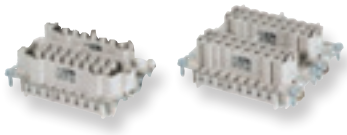


16-pole + ground
Size 16

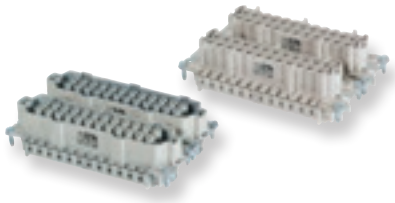


24-pole + ground
Size 24

32-pole + ground
Size 32



48-pole + ground
Size 48



Description	Type	Part No.	P.U.
Contact inserts *revos* BASIC 690 V	**6-pole + ground**		
Male insert	BAS STC 6 69	72.710.0658.0	10
Female insert	BAS BUC 6 69	72.700.0658.0	10
Contact inserts *revos* BASIC 690 V	**10-pole + ground**		
Male insert	BAS STC 10 69	72.710.1058.0	10
Female insert	BAS BUC 10 69	72.700.1058.0	10
Contact inserts *revos* BASIC 690 V	**16-pole + ground**		
Male insert	BAS STC 16 69	72.710.1658.0	10
Female insert	BAS BUC 16 69	72.700.1658.0	10
Contact inserts *revos* BASIC 690 V	**24-pole + ground**		
Male insert	BAS STC 24 69	72.710.2458.0	10
Female insert	BAS BUC 24 69	72.700.2458.0	10
Contact inserts *revos* BASIC 690 V	**32-pole + ground**		
Male insert, marked 1-16, 17-32	BAS STC 32 69	72.710.3258.0	5
Female insert, marked 1-16, 17-32	BAS BUC 32 69	72.700.3258.0	5
Contact inserts *revos* BASIC 690 V	**48-pole + ground**		
Male insert, marked 1-24, 25-48	BAS STC 48 69	72.710.4858.0	5
Female insert, marked 1-24, 25-48	BAS BUC 48 69	72.700.4858.0	5
Contacts for crimp connection	mm^2 / AWG		
Male insert	0.5 / 20	05.543.70xx.0	200
Female insert	0.5 / 20	02.123.70xx.0	200
Male insert	0.75 – 1 / 18	05.543.71xx.0	200
Female insert	0.75 – 1 / 18	02.123.71xx.0	200
Male insert	1.5 / 16	05.543.72xx.0	200
Female insert	1.5 / 16	02.123.72xx.0	200
Male insert	2.5 / 14	05.543.73xx.0	200
Female insert	2.5 / 14	02.123.73xx.0	200
Male insert	4 / 12	05.543.74xx.0	200
Female insert	4 / 12	02.123.74xx.0	200
Surface	tin-plated xx = 21 / silver-plated xx = 02 / gold-plated xx = 01		
Connector switching contacts (2 contacts required)	0.5 / 20	05.543.9021.0	200
Connector switching contacts (2 contacts required)	0.75 – 1 / 18	05.543.9121.0	200
Connector switching contacts (2 contacts required)	1.5 / 16	05.543.9221.0	200
Connector switching contacts (2 contacts required)	2.5 / 14	05.543.9321.0	200
Connector switching contacts (2 contacts required)	4 / 12	05.543.9421.0	200

Technical data	
Rated voltage	690 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 4 mm^2
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn, Ag, Au
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	Sn 200 / Ag, Au 500
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

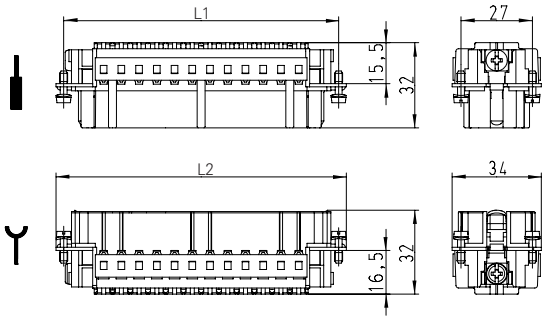
Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"3"	05.502.3300.0	1
Extraction tool		05.502.3500.0	1

Housing *revos* BASIC	Type	Page
Size	6/6H	136–143
Size	10/10H	144–161
Size	16/16H	162–181
Size	24/24H	182–201
Size	32	202–203
Size	48	204–207

Subject to change without further notice

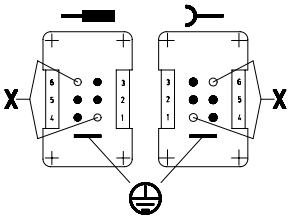
Dimensions

6-pole + ground – 24-pole + ground

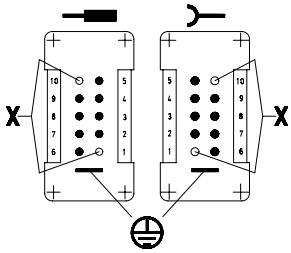


Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.0
16	77.0	83
24	104.0	110.0
32	77.0	83
48	104.0	110.0

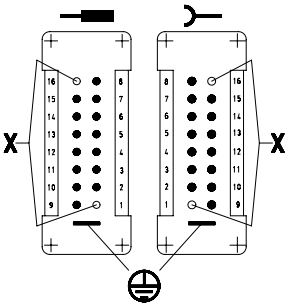
6-pole + ground



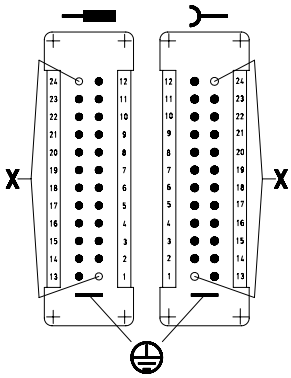
10-pole + ground



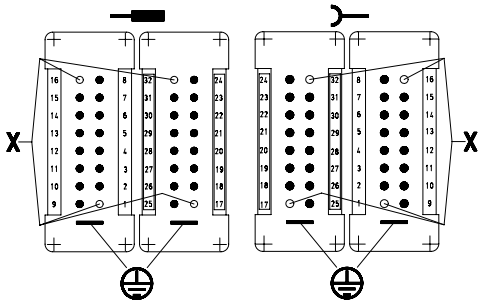
16-pole + ground



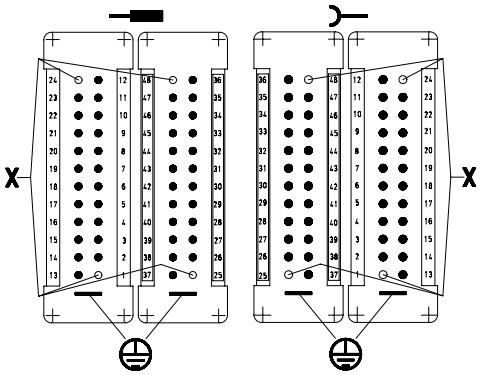
24-pole + ground



32-pole + ground



48-pole + ground



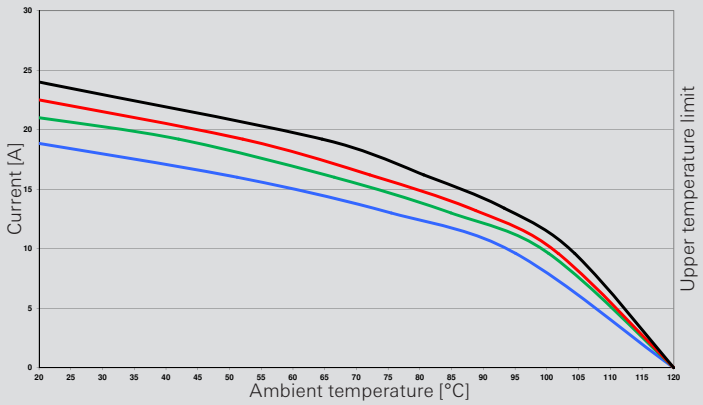
X = shortened switching contacts

Derating curve

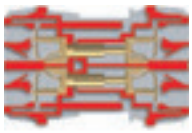
according to IEC 60512 sec. 3

revosBASIC
Crimp version
2.5 mm²

- 6-pole
- 10-pole
- 16-pole
- 24-pole

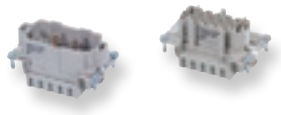


830 V contact inserts, spring clamp connection



Contact inserts *revos* BASIC

3-pole + 2 switching contacts + ground, Size 10



6-pole + 2 switching contacts + ground, Size 16

10-pole + 2 switching contacts + ground, Size 24

20-pole + 2 switching contacts + ground, Size 48

Description	Type	Part No.	P.U.
Contact inserts *revos* BASIC 830 V	**3-pole + ground**		
Male insert	BAS STF 3 2,5 83 AG	70.516.0353.0	10
Female insert	BAS BUF 3 2,5 83 AG	70.506.0353.0	10
Contact inserts *revos* BASIC 830 V	**6-pole + ground**		
Male insert	BAS STF 6 2,5 83 AG	70.516.0653.0	10
Female insert	BAS BUF 6 2,5 83 AG	70.506.0653.0	10
Contact inserts *revos* BASIC 830 V	**10-pole + ground**		
Male insert	BAS STF 10 2,5 83 AG	70.516.1053.0	10
Female insert	BAS BUF 10 2,5 83 AG	70.506.1053.0	10
Contact inserts *revos* BASIC 830 V	**20-pole + ground**		
Male insert	BAS STF 20 2,5 83 AG	70.516.2053.0	10
Female insert	BAS BUF 20 2,5 83 AG	70.506.2053.0	10

Technical data	
Rated voltage	830 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.14 – 2.5 mm²
UL	26 – 12 AWG
CSA	26 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Ag
Insulation strip length	7 mm
Contact resistance	≤ 3 mΩ
Mating cycles	500
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

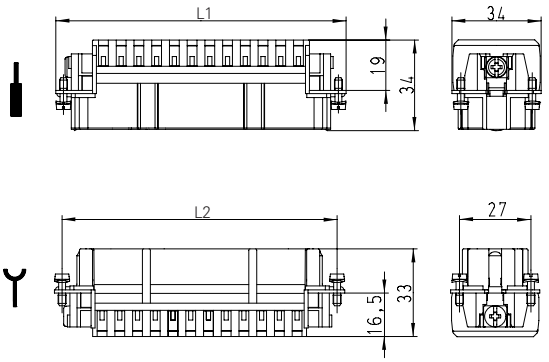
Description	Type	Part No.	P.U.
Accessories			
Screwdriver blade	DIN 5264 A 0,6 x 3,5	06.502.4000.0	5

Housing *revos* BASIC	Type	Page
Size	10	144–161
Size	16	162–181
Size	24	182–201
Size	48	204–207

Subject to change without further notice

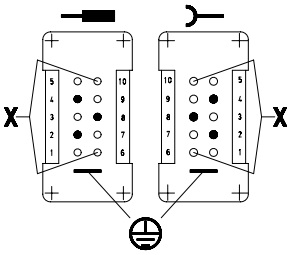
Dimensions

3-pole + 2 switching contacts + ground – 20-pole + 2 switching contacts + ground

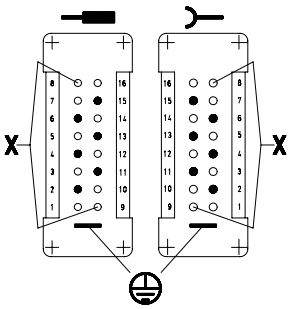


Number of poles	L1 [mm]	L2 [mm]
3	63.0	57.0
6	83.0	77.5
10	110.0	104.0
20	110.0	104.0

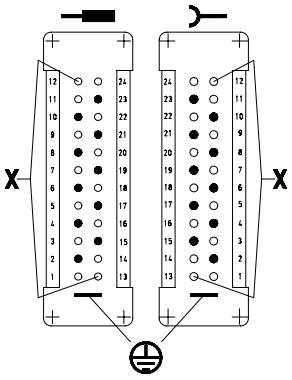
3-pole + 2 switching contacts + ground



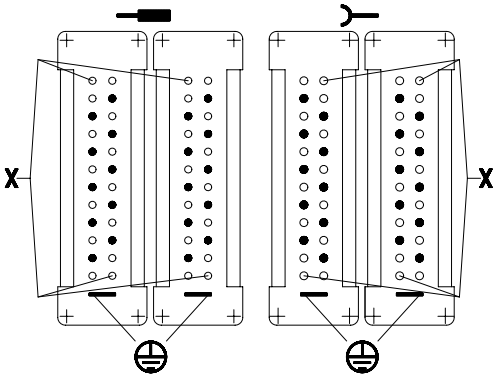
6-pole + 2 switching contacts + ground



10-pole + 2 switching contacts + ground



20-pole + 2 switching contacts + ground

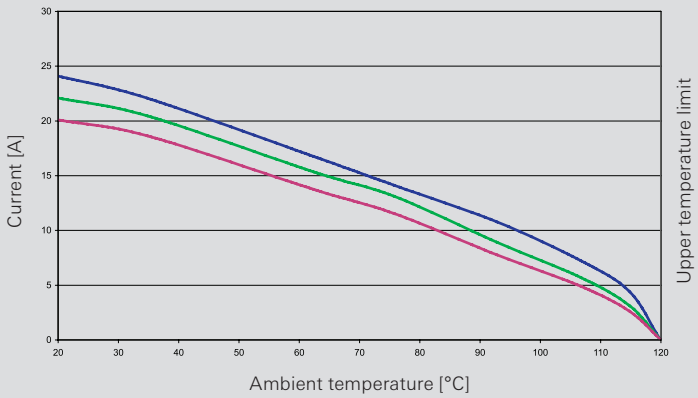


X = shortened switching contacts

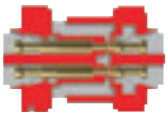
Derating curve

according to IEC 60512 sec. 3

revos BASIC
Spring version
830 V / 16 A / 2.5 mm²

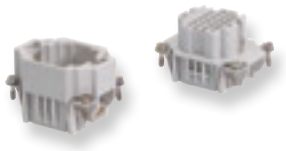


250 V contact inserts, with crimp connection

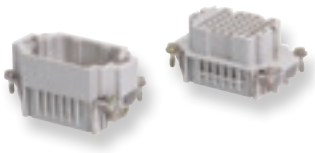


Contact inserts *revos*DD

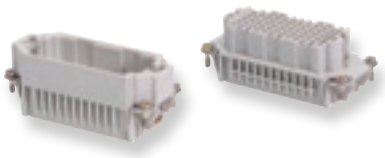
24-pole + ground
Size 6/6H



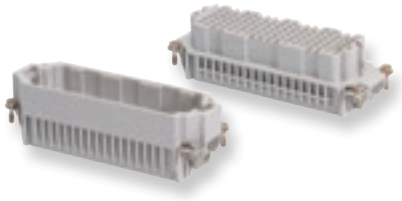
42-pole + ground
Size 10/10H



72-pole + ground
Size 16/16H



108-pole + ground
Size 24/24H



Description	Type	Part No.	P.U.
Contact inserts *revos*DD 250 V	**24-pole + ground**		
Male insert	DD STC 24 1,5 25	73.810.2453.0	10
Female insert	DD BUC 24 1,5 25	73.800.2453.0	10
Contact inserts *revos*DD 250 V	**42-pole + ground**		
Male insert	DD STC 42 1,5 25	73.810.4253.0	10
Female insert	DD BUC 42 1,5 25	73.800.4253.0	10
Contact inserts *revos*DD 250 V	**72-pole + ground**		
Male insert	DD STC 72 1,5 25	73.810.7253.0	10
Female insert	DD BUC 72 1,5 25	73.800.7253.0	10
Contact inserts *revos*DD 250 V	**108-pole + ground**		
Male insert	DD STC 108 1,5 25	73.810.0853.0	10
Female insert	DD BUC 108 1,5 25	73.800.0853.0	10
Contacts for crimp connection	mm^2 / AWG		
Male insert	0.14 – 0.37 / 20	05.544.4129.x	200
Female insert	0.14 – 0.37 / 20	02.125.4129.x	200
Male insert	0.5 / 20	05.544.4229.x	200
Female insert	0.5 / 20	02.125.4229.x	200
Male insert	0.75 – 1 / 18	05.544.4329.x	200
Female insert	0.75 – 1 / 18	02.125.4329.x	200
Male insert	1.5 / 16	05.544.4429.x	200
Female insert	1.5 / 16	02.125.4429.x	200
Male insert	2.5 / 14	05.544.4529.x	200
Female insert	2.5 / 14	02.125.4529.x	200
	silver-plated x = 8 / gold-plated x = 7		

Technical data	
Rated voltage	250 V
Rated voltage according to UL/CSA	600 V AC (CSA)
Rated impulse voltage	2.5 kV
Rated current	10 A
Degree of pollution	2 (3 in Housing with IP54 and higher)
Rated cross section	
EN 60999	0.14 – 2.5 mm^2
UL	26 – 14 AWG
CSA	26 – 14 AWG
Contacts	
Material	Copper alloy
Surface	Ag, Au
Insulation strip length	8 mm
Contact resistance	< 5 mΩ
Mating cycles	Ag, Au 500
Screws	head design / recomm. torque
Mounting screws	Z1 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	Z2 / 1.2 Nm
Temperature range	-40 … +120 °C

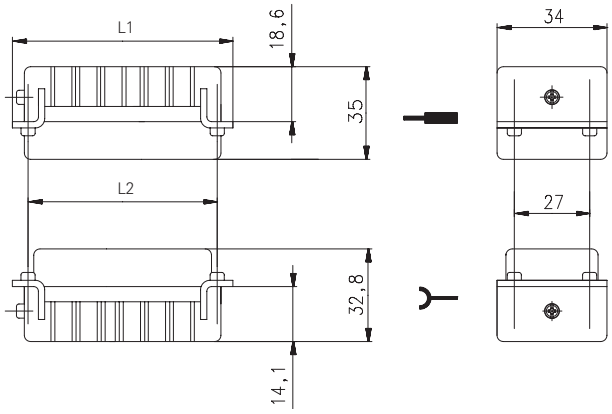
Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"E"	05.502.2400.0	1
Contact positioner	"2"	05.502.3200.0	1
Extraction tool		05.502.0000.0	1

Housing *revos* BASIC	Type	Page
Size	6/6H	136–143
Size	10/10H	144–161
Size	16/16H	162–181
Size	24/24H	182–201

Subject to change without further notice

Dimensions

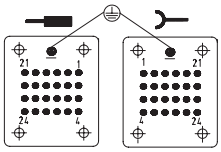
24-pole + ground – 108-pole + ground



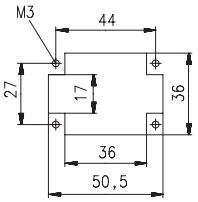
Number of poles	L1 [mm]	L2 [mm]
24	50.5	44.0
42	63.5	57.0
72	84	77.5
108	110.5	104.0

24-pole + ground

Connection side

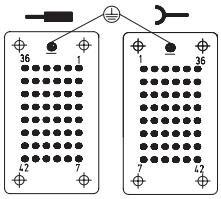


Cut-out

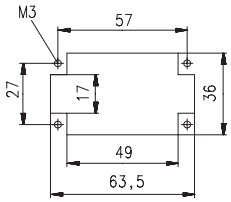


42-pole + ground

Connection side

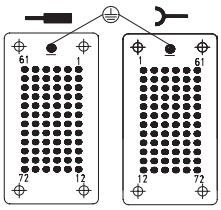


Cut-out

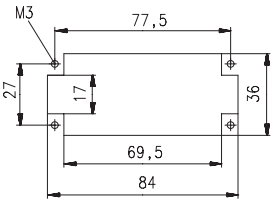


72-pole + ground

Connection side

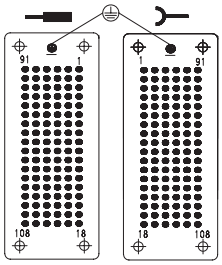


Cut-out

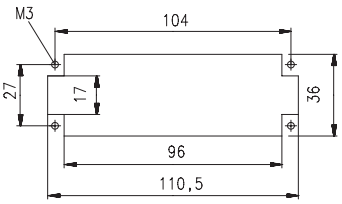


108-pole + ground

Connection side

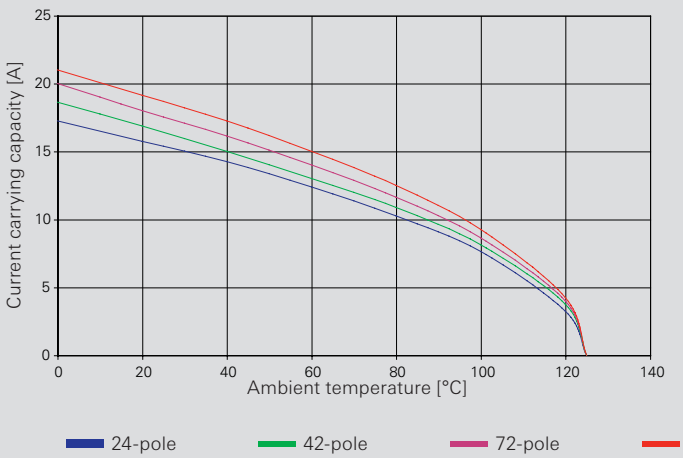


Cut-out



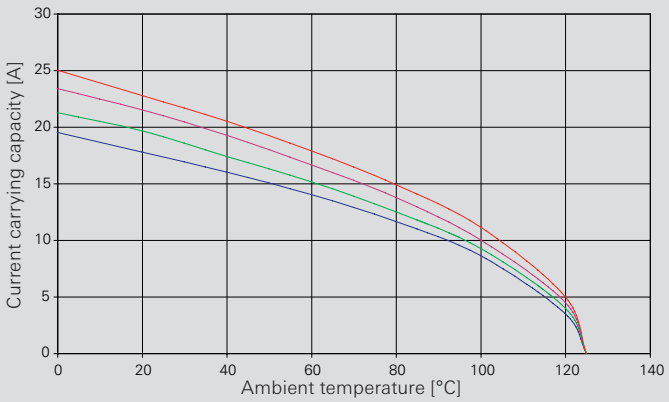
Derating curve according to IEC 60512 sec. 3

revosDD 250V / 10 A / 1.5 mm²

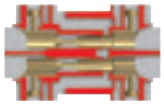


Derating curve according to IEC 60512 sec. 3

revosDD 250V / 16 A / 2.5 mm²



250 V contact inserts, screw connection

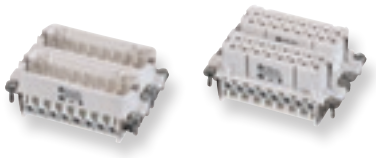


Contact inserts *revos* HD

10-pole + ground
Size 10/15

16-pole + ground
Size 16/25, 32/50

32-pole + ground
Size 32/50



Description	Type	Part No.	P.U.
Contact inserts *revos* HD 250 V	**10-pole + ground**		
Male insert	HD STS 10 2,5 25 AG	73.310.1053.0	10
Female insert	HD BUS 10 2,5 25 AG	73.300.1053.0	10
Contact inserts *revos* HD 250 V	**16-pole + ground**		
Male insert	HD STS 16 2,5 25 AG	73.310.1653.0	10
Female insert	HD BUS 16 2,5 25 AG	73.300.1653.0	10
Male insert, marked 17-32	HD STS SB 16 2,5 25 AG	73.310.1653.3	10
Female insert, marked 17-32	HD BUS SB 16 2,5 25 AG	73.300.1653.3	10
Contact inserts *revos* HD 250 V	**32-pole + ground**		
Male insert, marked 1-16, marked 17-32	HD STS 32 2,5 25 AG	73.310.3253.0	5
Female insert, marked 1-16, marked 17-32	HD BUS 32 2,5 25 AG	73.300.3253.0	5

Technical data	
Rated voltage	250 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	4 kV
Rated current	VDE 16 A / CSA 16 A / UL 14 A
Degree of pollution	3
Rated cross section	
EN 60999	e* 0.5 – 1.5 mm^2/f** 0.75 – 2.5 mm^2
UL	20 – 14 AWG
CSA	20 – 14 AWG
Contacts	
Material	Copper alloy
Surface	Ag
Insulation strip length	7 mm
Contact resistance	≤ 4 mΩ
Mating cycles	100
Screws	head design / recomm. torque
Mounting screws	Z1 / 0.5 Nm
Clamping screws	Z1 / 0.5 Nm
Ground conductor screws	Z2 / 1.2 Nm
Temperature range	-40 … +120 °C

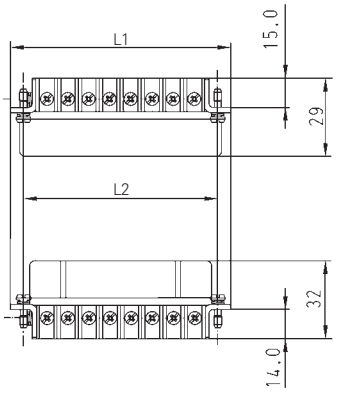
Housing *revos* HD	Type	Page
Size	10/15	212–215
Size	16/25	216–219
Size	32/50	220–225

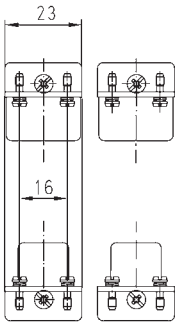
* Solid
** Fine stranded

Subject to change without further notice

Dimensions

10-pole + ground – 32-pole + ground



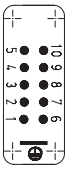


Number of poles	L1 [mm]	L2 [mm]
10	56.5	49.5
16	73.0	66.0
32	73.0	66.0

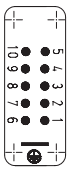
10-pole + ground

Connection side

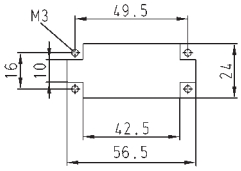
Male



Female



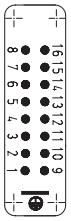
Cut-out



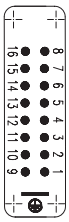
16-pole + ground

Connection side

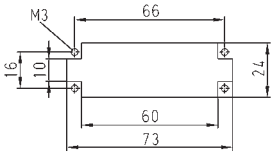
Male



Female



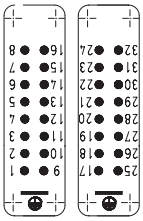
Cut-out



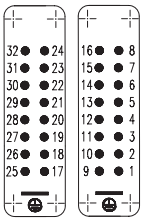
32-pole + ground

Connection side

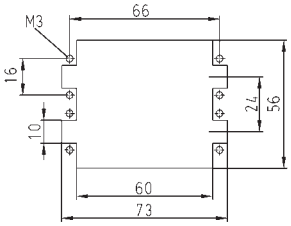
Male



Female

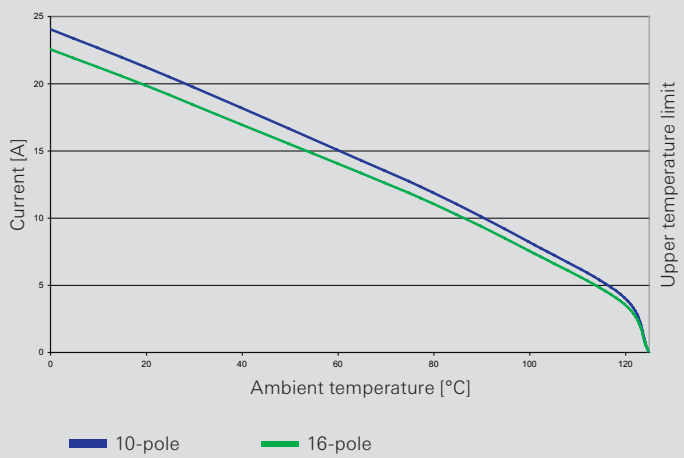


Cut-out



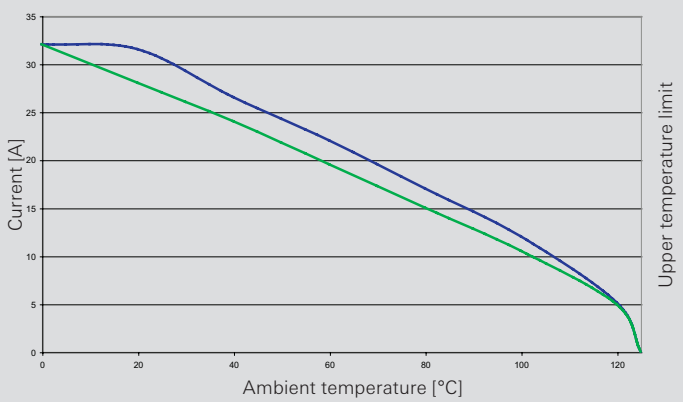
Derating curve according to IEC 60512 sec. 3

revos HD 10/16 250 V / 16 A / 1.5 mm²

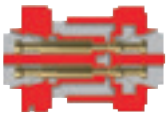


Derating curve according to IEC 60512 sec. 3

revos HD 10/16 250 V / 16 A / 2.5 mm²

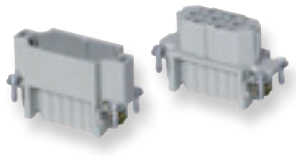


250 V contact inserts, with crimp connection

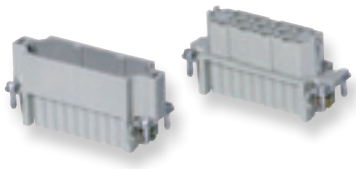


Contact inserts *revos*HD

15-pole + ground
Size 10/15



25-pole + ground
Size 16/25, 32/50



Description	Type	Part No.	P.U.
Contact inserts *revos*HD 250 V	**15-pole + ground**		
Male insert	HD STC 15 25	73.710.1553.0	10
Female insert	HD BUC 15 25	73.700.1553.0	10
Contact inserts *revos*HD 250 V	**25-pole + ground**		
Male insert	HD STC 25 25	73.710.2553.0	10
Female insert	HD BUC 25 25	73.700.2553.0	10
Contacts for crimp connection	mm^2 / AWG		
Male reel contacts, Sn	0.2 – 0.56 / 24 – 20	05.544.0900.0	5000
Female reel contacts, Sn	0.2 – 0.56 / 24 – 20	02.124.0900.0	5000
Male reel contacts, Sn	0.75 – 1.5 / 18 – 16	05.544.1000.0	5000
Female reel contacts, Sn	0.75 – 1.5 / 18 – 16	02.124.1000.0	5000
Male single contacts, Sn	0.2 – 0.56 / 24 – 20	05.544.0929.0	200
Female single contacts, Sn	0.2 – 0.56 / 24 – 20	02.124.0929.0	200
Male single contacts, Sn	0.75 – 1.5 / 18 – 16	05.544.1029.0	200
Female single contacts, Sn	0.75 – 1.5 / 18 – 16	02.124.1029.0	200
Male reel contacts, Au	0.5 – 1.5 / 20 – 16	05.544.1400.0	5000
Female reel contacts, Au	0.5 – 1.5 / 20 – 16	02.124.1400.0	5000
Male single contacts, Au	0.5 – 1.5 / 20 – 16	05.544.1429.0	200
Female single contacts, Au	0.5 – 1.5 / 20 – 16	02.124.1429.0	200

Technical data	
Rated voltage	250 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	4 kV
Rated current	10 A
Degree of pollution	3
Rated cross section	
EN 60999	0.2 – 1.5 mm^2
UL	24 – 16 AWG
CSA	24 – 16 AWG
Contacts	
Material	Copper alloy
Surface	Au, Sn
Insulation strip length	4 mm
Contact resistance	≤ 4 mΩ
Mating cycles	Au 500 / Sn 50
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	M3.5 / 0.8 – 1.0 Nm
Temperature range	-40 … +120 °C

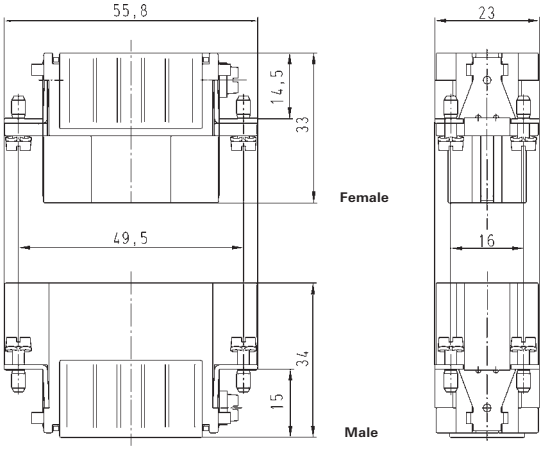
Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"E"	05.502.2400.0	1
Contact positioner	"2"	05.502.3200.0	1
Extraction tool		05.502.0000.0	1

Housing *revos* HD	Type	Page
Size	10/15	212–215
Size	16/25	216–219
Size	32/50	220–225

Subject to change without further notice

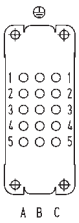
Dimensions

15-pole + ground

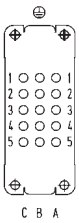


Connection side

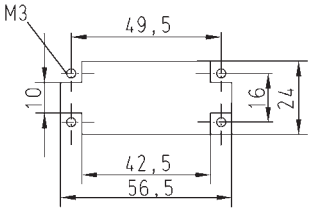
Male



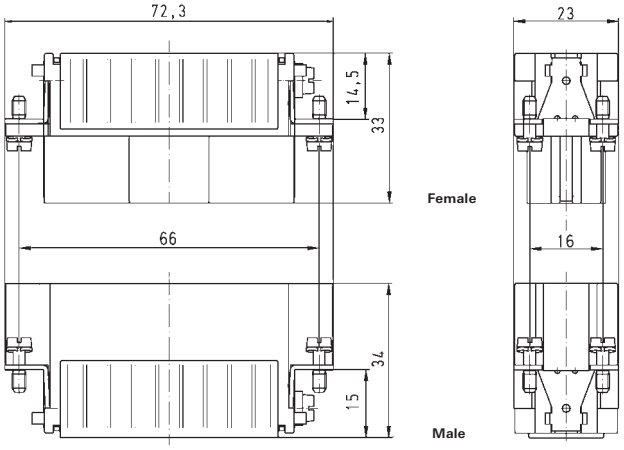
Female



Cut-out

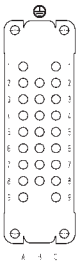


25-pole + ground

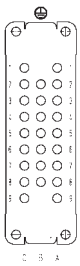


Connection side

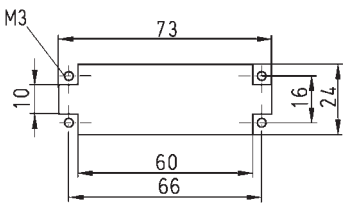
Male



Female

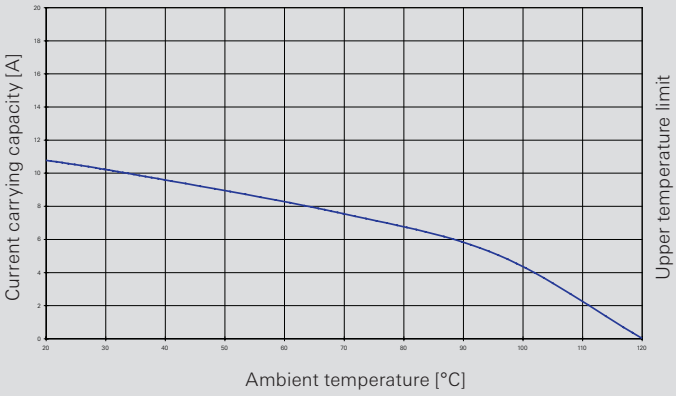


Cut-out



Derating curve according to IEC 60512 sec. 3

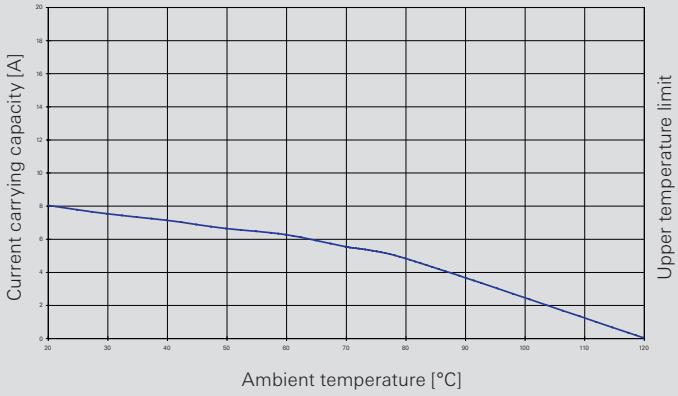
73.700/710.1553.0 ***revos***HD 15-pole 250 V / 10 A / 1.5 mm²



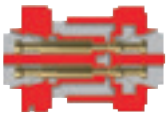
Corrected current AC [A]

Derating curve according to IEC 60512 sec. 3

73.700/710.2553.0 ***revos***HD 25-pole 250 V / 10 A / 1.5 mm²

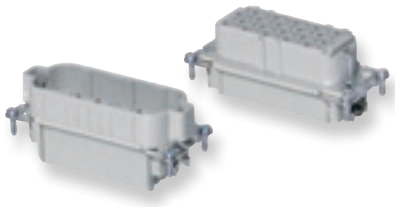


250 V contact inserts, with crimp connection

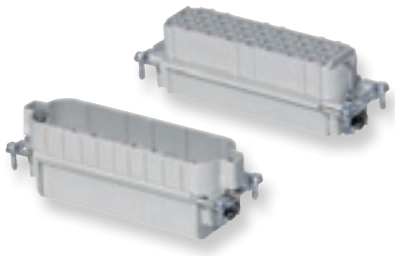


Contact inserts *revos*HD

40-pole + ground
Size 16



64-pole + ground
Size 24



80-pole + ground
Size 32

Description	Type	Part No.	P.U.
Contact inserts *revos*HD 250 V	**40-pole + ground**		
Male insert	HD STC 40 25	73.710.4058.0	10
Female insert	HD BUC 40 25	73.700.4058.0	10
Contact inserts *revos*HD 250 V	**64-pole + ground**		
Male insert	HD STC 64 25	73.710.6458.0	10
Female insert	HD BUC 64 25	73.700.6458.0	10
Contact inserts *revos*HD 250 V	**80-pole + ground**		
Male insert, marked 1-40, marked 41-80	HD STC 80 25	73.710.8058.0	5
Female insert, marked 1-40, marked 41-80	HD BUC 80 25	73.700.8058.0	5
Contacts for crimp connection	mm² / AWG		
Male contact Sn, reel	0.2 – 0.56 / 24 – 20	05.544.0900.0	5000
Female contact Sn, reel	0.2 – 0.56 / 24 – 20	02.124.0900.0	5000
Male contact Sn, reel	0.75 – 1.5 / 18 – 16	05.544.1000.0	5000
Female contact Sn, reel	0.75 – 1.5 / 18 – 16	02.124.1000.0	5000
Male contact Sn, single	0.2 – 0.56 / 24 – 20	05.544.0929.0	200
Female contact Sn, single	0.2 – 0.56 / 24 – 20	02.124.0929.0	200
Male contact Sn, single	0.75 – 1.5 / 18 – 16	05.544.1029.0	200
Female contact Sn, single	0.75 – 1.5 / 18 – 16	02.124.1029.0	200
Male contact Au, reel	0.5 – 1.5 / 20 – 16	05.544.1400.0	5000
Female contact Au, reel	0.5 – 1.5 / 20 – 16	02.124.1400.0	5000
Male contact Au, single	0.5 – 1.5 / 20 – 16	05.544.1429.0	200
Female contact Au, single	0.5 – 1.5 / 20 – 16	02.124.1429.0	200

Technical data	
Rated voltage	250 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	4 kV
Rated current	10 A
Degree of pollution	3
Rated cross section	
EN 60999	0.2 – 1.5 mm²
UL	24 – 16 AWG
CSA	24 – 16 AWG
Contacts	
Material	Copper alloy
Surface	Au, Sn
Insulation strip length	4 mm
Contact resistance	≤ 4 mΩ
Mating cycles	Au 500 / Sn 50
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	M3.5 / 0.8 – 1.0 Nm
Temperature range	-40 … +120 °C

Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"E"	05.502.2400.0	1
Contact positioner	"2"	05.502.3200.0	1
Extraction tool		05.502.0000.0	1

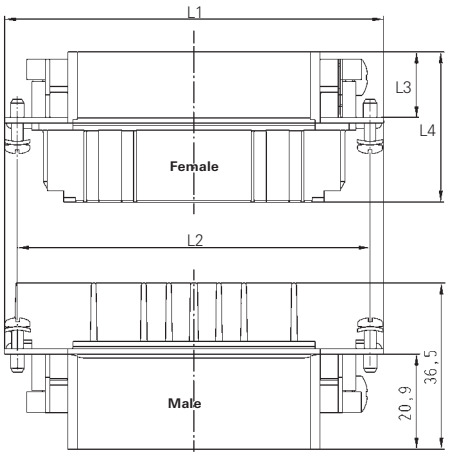
Housing *revos* HD	Type	Page
Size	16H	164, 168, 174,176, 180
Size	24H	184, 188, 194, 196, 200
Size	32	202–203

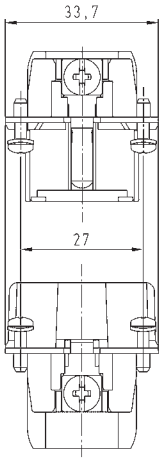
Derating curve see page 69.

Subject to change without further notice

Dimensions

40-pole + ground – 80-pole + ground



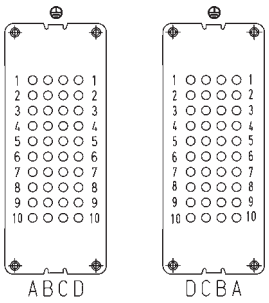


Number of poles	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]
40	83.3	77.5	14.5	33.0
64	109.8	104.0	14.4	33.5
80	83.3	77.5	14.5	33.0

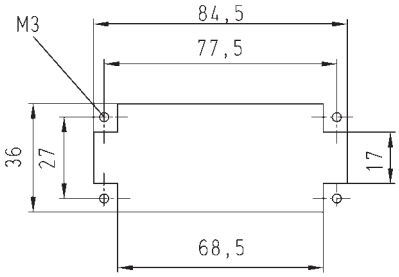
40-pole + ground

Connection side

Male Female



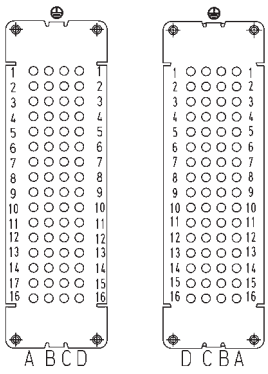
Cut-out



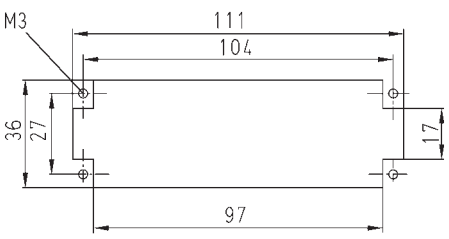
64-pole + ground

Connection side

Male Female



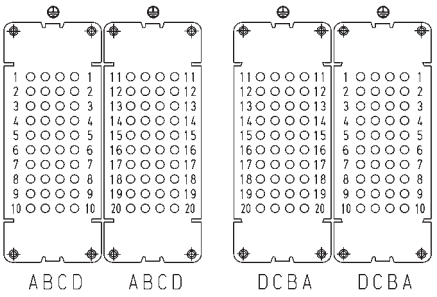
Cut-out



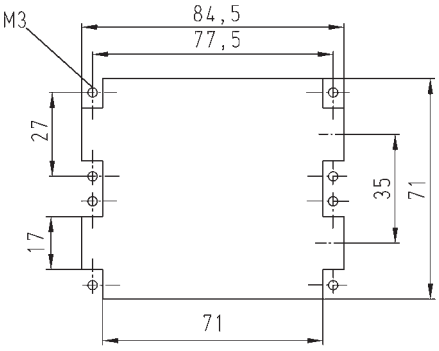
80-pole + ground

Connection side

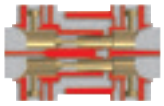
Male Female



Cut-out



250 V multipole adapter, screw connection



Multipole adapter *revos*HD

40-pole + ground
Size 16

64-pole + ground
Size 24

Description		Type	Part No.	P.U.
Multipole adapter *revos*HD 250 V		**40-pole + ground**		
Male insert,	ground right	HD SAS WR 40 2,5 25	73.115.4053.0	4
Female insert,	ground right	HD BAS WR 40 2,5 25	73.105.4053.0	4
Male insert,	ground left	HD SAS WL 40 2,5 25	73.110.4053.0	4
Female insert,	ground left	HD BAS WL 40 2,5 25	73.100.4053.0	4
Multipole adapter *revos*HD 250 V		**64-pole + ground**		
Male insert,	ground right	HD SAS WR 64 2,5 25	73.115.6453.3	2
Female insert,	ground right	HD BAS WR 64 2,5 25	73.105.6453.3	2
Male insert,	ground left	HD SAS WL 64 2,5 25	73.110.6453.3	2
Female insert,	ground left	HD BAS WL 64 2,5 25	73.100.6453.3	2

Technical data	
Rated voltage	250 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	4 kV
Rated current	10 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm²
UL	20 – 14 AWG
CSA	20 – 14 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	12 mm
Contact resistance	≤ 6 mΩ
Mating cycles	50
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	M2.5 / 0.4 – 0.6 Nm
Ground conductor screws	H1 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

Housing

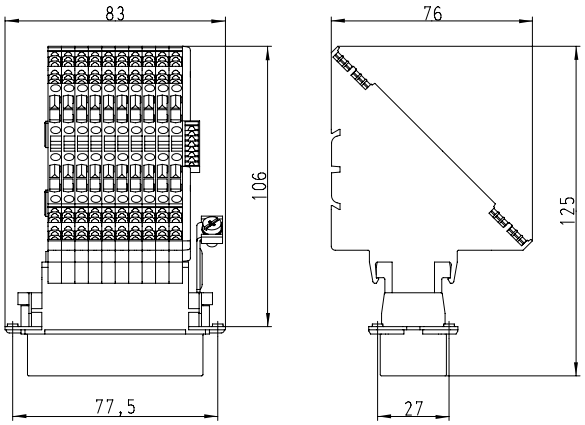
These multipole adapters may only be used with the following bases:

Description	Type	Part No.	P.U.
Open-bottom base, Size 16			
without cover, double locking lever	BAS GUT GX 16H 50 A	73.326.4028.0	1
with cover, double locking lever	BAS GUT GY 16H 50 A	73.327.4028.0	1
without cover, single locking lever	BAS GUT GV 16H 50 A	76.326.4028.0	1
with cover, single locking lever	BAS GUT GW 16H 50 A	76.327.4028.0	1
Open-bottom base, Size 24			
without cover, double locking lever	BAS GUT GX 24H 50 A	73.326.6428.0	1
with cover, double locking lever	BAS GUT GY 24H 50 A	73.327.6428.0	1
without cover, single locking lever	BAS GUT GV 24H 50 A	76.326.6428.0	1
with cover, single locking lever	BAS GUT GW 24H 50 A	76.327.6428.0	1

Subject to change without further notice

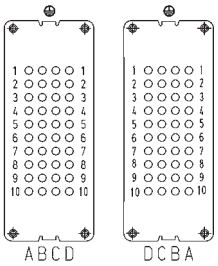
Dimensions

40-pole + ground

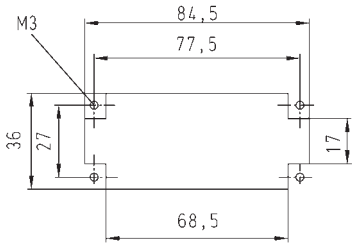


Connection side

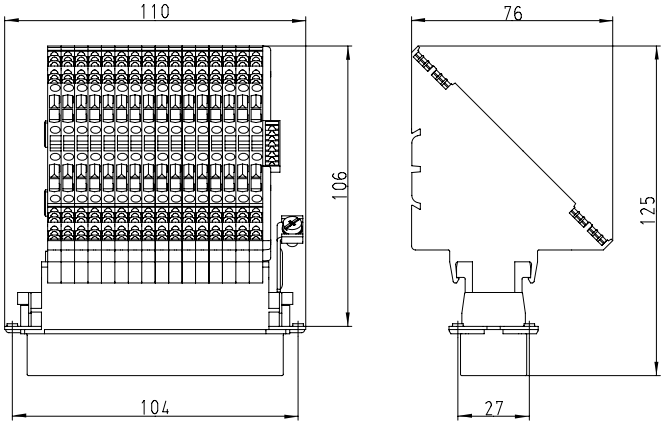
Male **Female**



Cut-out

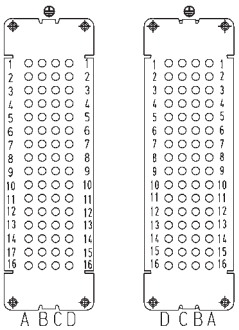


64-pole + ground

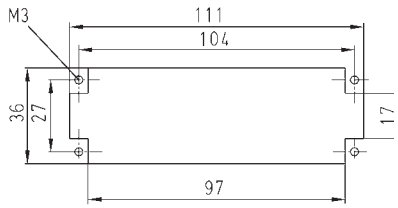


Connection side

Male **Female**

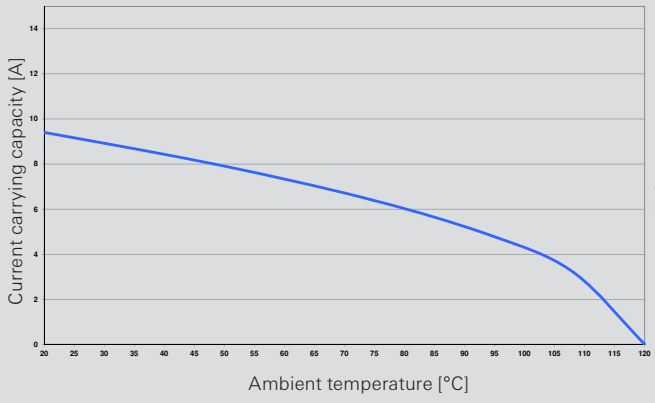


Cut-out



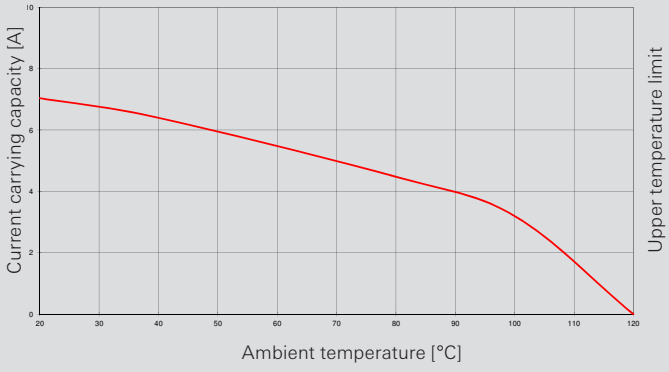
Derating curve according to IEC 60512 sec. 3

revosHD 40-pole / 1.5 mm²

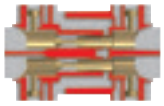


Derating curve according to IEC 60512-5-2

73.700/710.6458.0 ***revos***HD 64-pole



400 V 35 A contact inserts, screw connection



Contact inserts *revos*POWER

6-pole + ground
400 V
Size 16

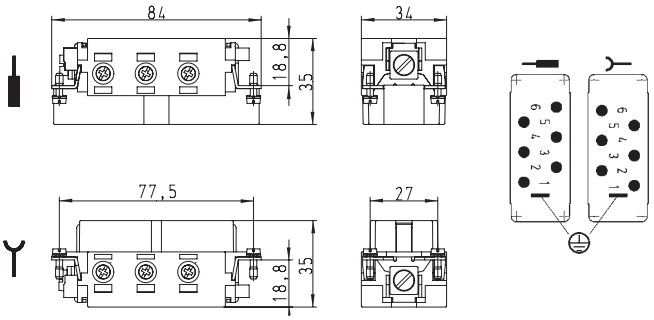
Description	Type	Part No.	P.U.
Contact inserts *revos*POWER	**6-pole + ground**		
Male insert	POW STS 6 6,0 40 AG	70.210.0653.0	10
Female insert	POW BUS 6 6,0 40 AG	70.200.0653.0	10

Technical data	
Rated voltage	400 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	35 A
Degree of pollution	3
Rated cross section	
EN 60999	2.5 – 6 mm²
UL	14 – 8 AWG
CSA	14 – 8 AWG
Contacts	
Material	Copper alloy
Surface	Ag
Insulation strip length	10 mm
Contact resistance	≤ 0.6 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	H1 / 1.2 – 1.6 Nm
Ground conductor screws	M5 / 2.0 – 2.5 Nm
Temperature range	-40 … +120 °C

Housing *revos* BASIC	Type	Page
Size	16/16H	162–181
Size	16XL	177

Dimensions

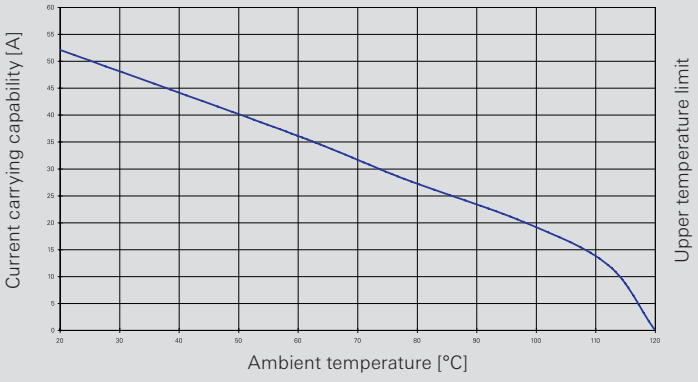
6-pole + ground 400 V



Derating curve

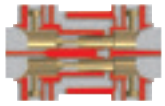
according to IEC 60512 sec. 3
***revos*POWER**
70.200/210.0653.0 ***revos*POWER**
6-pole 400 V / 35 A / 6.0 mm²

Corrected current AC [A]



Subject to change without further notice

690 V 35 A contact inserts, screw connection



Contact inserts *revos*POWER

6-pole + ground
690 V
Size 16

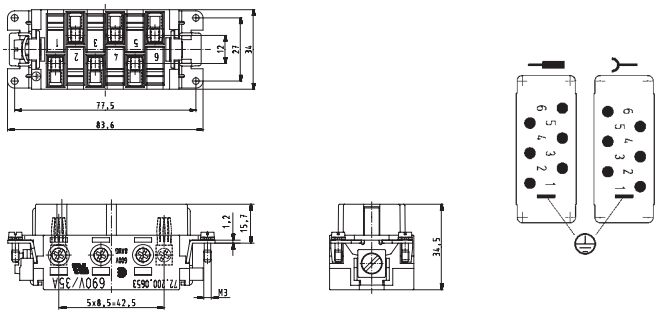
Description	Type	Part No.	P.U.
Contact inserts *revos*POWER	**6-pole + ground**		
Male insert	POW STS 6 6,0 40 AG	72.210.0653.0	10
Female insert	POW BUS 6 6,0 40 AG	72.200.0653.0	10

Technical data	
Rated voltage	690 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8 kv
Rated current	35 A
Degree of pollution	3
Rated cross section	
EN 60999	2.5 – 6 mm²
UL	14 – 8 AWG
CSA	14 – 8 AWG
Contacts	
Material	Copper alloy
Surface	Ag
Insulation strip length	10 mm
Contact resistance	≤ 0.6 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	H1 / 1.2 – 1.6 Nm
Ground conductor screws	M5 / 2.0 – 2.5 Nm
Temperature range	-40 … +120 °C

Housing *revos* BASIC	Type	Page
Size	16/16H	162-181
Size	16XL	177

Dimensions

6-pole + ground 690 V

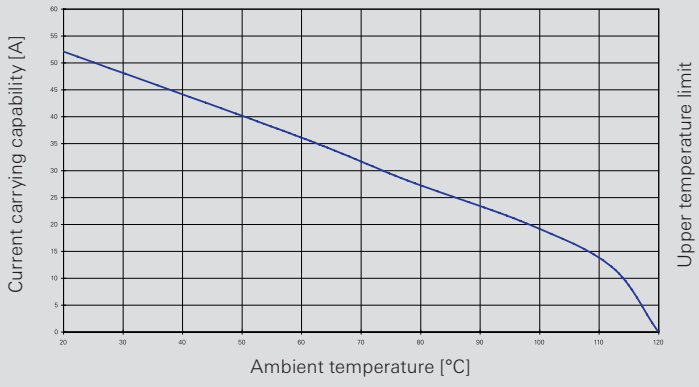


Derating curve

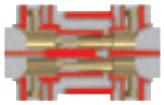
according to IEC 60512 sec. 3

***revos*POWER**
72.200/210.0653.0 ***revos*POWER**
6-pole 690 V / 35 A / 6.0 mm²

Corrected current AC [A]



400/690 V 82 A
Contact inserts, screw connection



Contact inserts *revos*POWER

4-pole + ground
400/690 V
Size 16H

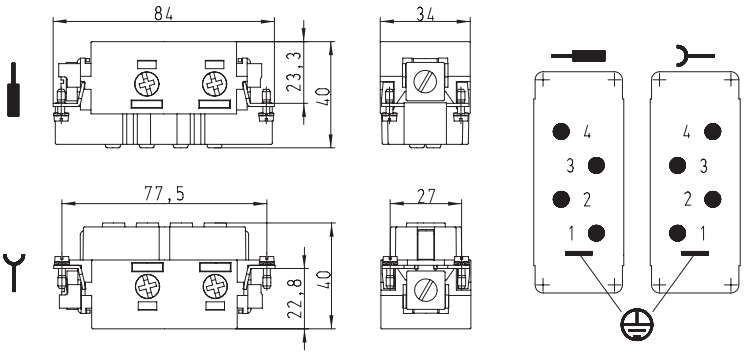
Description	Type	Part No.	P.U.
Contact inserts *revos*POWER	**4-pole + ground**		
Male insert	POW STS 4 16 64 AG	72.218.0453.0	10
Female insert	POW BUS 4 16 64 AG	72.208.0453.0	10

Technical data	
Rated voltage	L-PE 400 V / L-L 690 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	82 A
Degree of pollution	3
Rated cross section	
EN 60999	6 – 16 mm²
UL	10 – 4 AWG
CSA	10 – 4 AWG
Contacts	
Material	Copper alloy
Surface	Ag
Insulation strip length	10 mm
Contact resistance	≤ 0.6 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	H2 / 2.5 – 3.0 Nm
Ground conductor screws	M5 / 2.0 – 2.5 Nm
Temperature range	-40 … +120 °C

Housing *revos* BASIC	Type	Page
Size	16H	164, 168, 174, 176, 180
Size	16XL	177

Dimensions

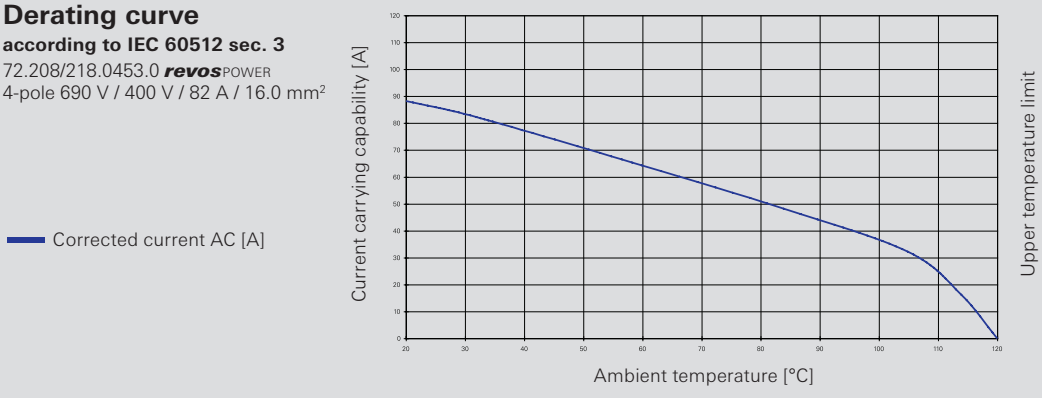
4-pole + ground 400/690 V



Derating curve

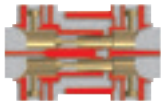
according to IEC 60512 sec. 3

72.208/218.0453.0 ***revos***POWER
4-pole 690 V / 400 V / 82 A / 16.0 mm²



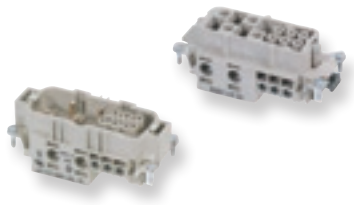
Subject to change without further notice

690 V 4 x 35 A, 6 x 16 A
Contact inserts, screw connection



Contact inserts *revos*POWER

4-/6-pole + ground
690 V
Size 16



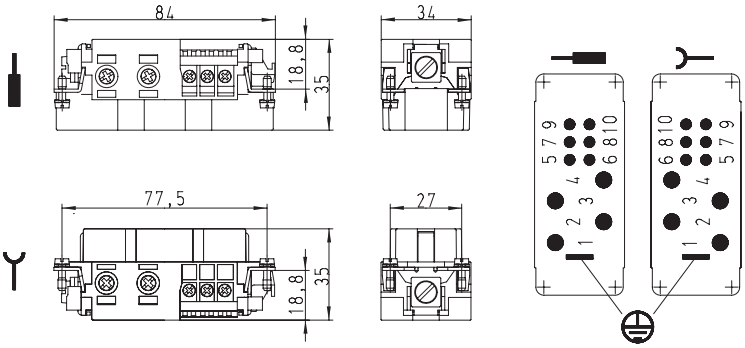
Description	Type	Part No.	P.U.
Contact inserts *revos*POWER	**4-/6-pole + ground**		
Male insert	POW STS 4/6 DA D AG	72.215.1053.0	10
Female insert	POW BUS 4/6 DA D AG	72.205.1053.0	10

Technical data	
Rated voltage	690 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8 kV
Rated current	4 Contacts 35 A / 6 Contacts 16 A
Degree of pollution	3
Rated cross section	
EN 60999	4 x 2.5 – 6 mm² and 6 x 1 – 2.5 mm²
UL	4 x 14 – 8 AWG and 6 x 16 – 12 AWG
CSA	4 x 14 – 8 AWG and 6 x 16 – 12 AWG
Contacts	
Material	Copper alloy
Surface	>16 A Ag / 16 A Sn
Insulation strip length	10 mm / 7 mm
Contact resistance	≤ 1.0 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	4 x H1 / 1.2 – 1.6 Nm / 6 x H1 / 0.5 – 0.7 Nm
Ground conductor screws	M5 / 2.0 – 2.5 Nm
Temperature range	-40 … +120 °C

Housing *revos* BASIC	Type	Page
Size	16	162–181
Size	16XL	177

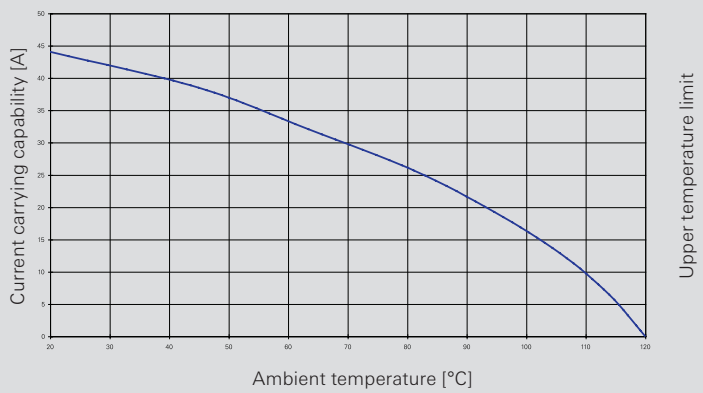
Dimensions

4-/6-pole + ground 690 V

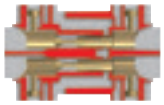


Derating curve

according to IEC 60512 sec. 3
72.215/205.1053.0 ***revos***POWER
6+4-pole 690 V
35 A / 16 A / 6,0 mm² / 2.5 mm²

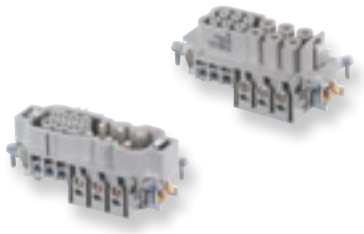


400/690 V 40 A + 230/400 V 16 A
Contact inserts, screw connection



Contact inserts *revos* POWER

6-/6-pole + ground
Size 16/16XL



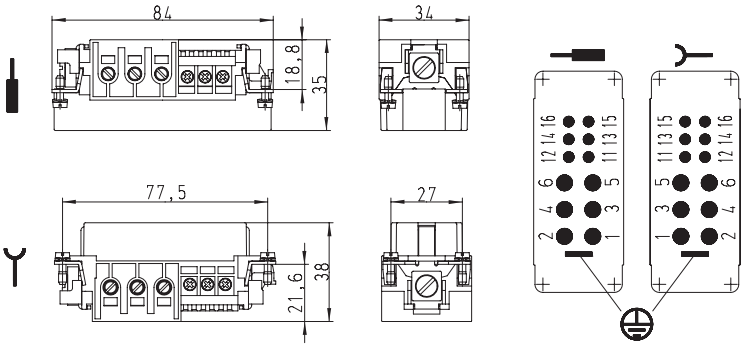
Description	Type	Part No.	P.U.
Contact inserts *revos* POWER	**6-/6-pole + ground**		
Male insert	POW STS 6/6 GC CA AG	72.215.1253.0	10
Female insert	POW BUS 6/6 GC CA AG	72.205.1253.0	10

Technical data	
Rated voltage	L-PE 400 V / L-L 690 V and L-PE 230 V / L-L 400 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 Contacts 6 kV / 6 Contacts 4 kV
Rated current	6 Contacts 40 A / 6 Contacts 16 A
Degree of pollution	3
Rated cross section	
EN 60999	6 x 4 – 10 mm² and 6 x 1 – 2.5 mm²
UL	6 x 12 – 16 AWG and 6 x 16 – 12 AWG
CSA	6 x 12 – 16 AWG and 6 x 16 – 12 AWG
Contacts	
Material	Copper alloy
Surface	>16 A Ag / 16 A Sn
Insulation strip length	10 mm / 7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	6 x H1 / 0.5 – 0.7 Nm / 6 x M5 / 0.8 – 1.0 Nm
Ground conductor screws	M5 / 2.0 – 2.5 Nm
Temperature range	-40 … +120 °C

Description	Type	Part No.	P.U.
Housing *revos* BASIC			
Hood, Size 16 XL	POW GOT GA 16 M40 69 A2	72.250.1635.2	1
Open-bottom base, Size 16	BAS GUT GA 16 69 A	72.320.1628.0	1

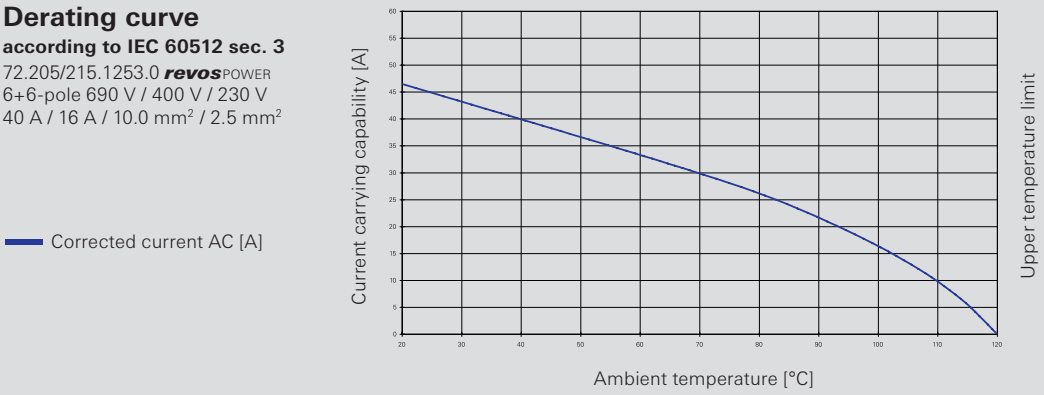
Dimensions

6-/6-pole + ground



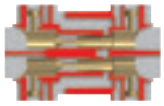
Derating curve
according to IEC 60512 sec. 3

72.205/215.1253.0 *revos* POWER
6+6-pole 690 V / 400 V / 230 V
40 A / 16 A / 10.0 mm² / 2.5 mm²



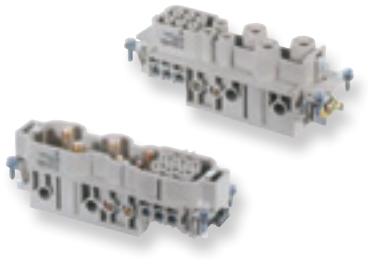
Subject to change without further notice

400/690 V 100 A + 400/690 V 40 A + 230/400 V 16 A
Contact inserts, screw connection



Contact inserts *revos* POWER

3-/3-/6-pole + ground
Size 24/24XL



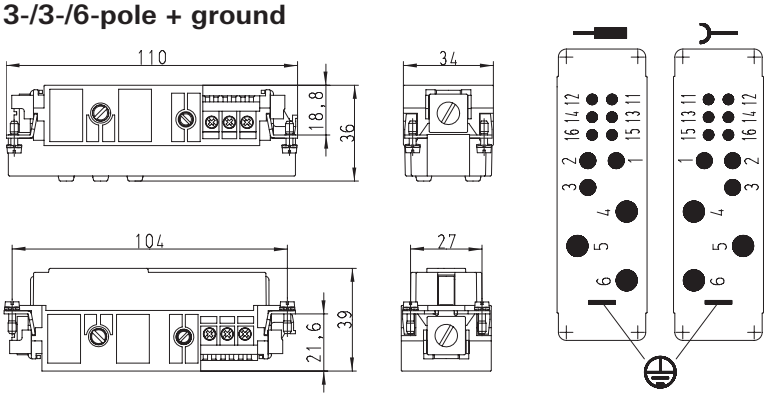
Description	Type	Part No.	P.U.
Contact inserts *revos* POWER	**3-/3-/6-pole + ground**		
Male insert	POW STS 3/3/6 HEA CA AG	72.213.1253.0	10
Female insert	POW BUS 3/3/6 HEA CA AG	72.203.1253.0	10

Technical data	
Rated voltage	L-PE 400 V / L-L 690 V and L-PE 400 V / L-L 690 V and L-PE 230 V / L-L 400 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	3 Contacts 6 kV / 3 Contacts 6 kV / 6 Contacts 4 kV
Rated current	3 Contacts 100 A / 3 Contacts 40 A / 6 Contacts 16 A
Degree of pollution	3
Rated cross section	
EN 60999	3 x 10 – 25 mm² and 3 x 4 – 10 mm² and 6 x 1 – 2.5 mm²
UL	3 x 8 – 4 AWG and 3 x 12 – 8 AWG and 6 x 18 – 14 AWG
CSA	3 x 8 – 4 AWG and 3 x 12 – 8 AWG and 6 x 18 – 14 AWG
Contacts	
Material	Copper alloy
Surface	>16 A Ag / 16 A Sn
Insulation strip length	14 mm / 10 mm / 7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	3 x M6 / 1.2 – 1.6 Nm and 3 x M5 / 0.8 – 1.0 Nm and 6 x H1 / 0.5 – 0.7
Ground conductor screws	M5 / 2.0 – 2.5 Nm
Temperature range	-40 … +120 °C

Description	Type	Part No.	P.U.
Housing *revos* BASIC			
Hood, Size 24 XL	POW GOT GA 24 M50 69 A2	72.250.2435.2	1
Open-bottom base, Size 24	BAS GUT GA 24 69 A	72.320.2428.0	1

Dimensions

3-/3-/6-pole + ground

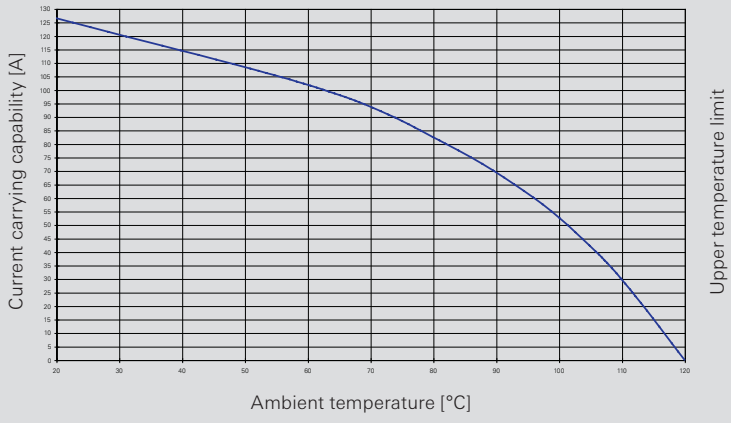


Derating curve

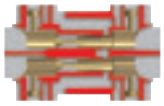
according to IEC 60512 sec. 3

72.203/213.1253.0 *revos* POWER
3+3+6-pole 690 V / 230 V
100 A / 40 A / 16 A
25 mm² / 16.0 mm² / 2.5 mm²

Corrected current AC [A]

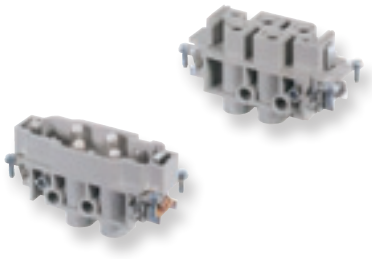


690 V 82 A + 400 V 16A
Contact inserts, screw connection



Contact inserts *revos*POWER

4-/2-pole + ground
690/400 V
Size 16



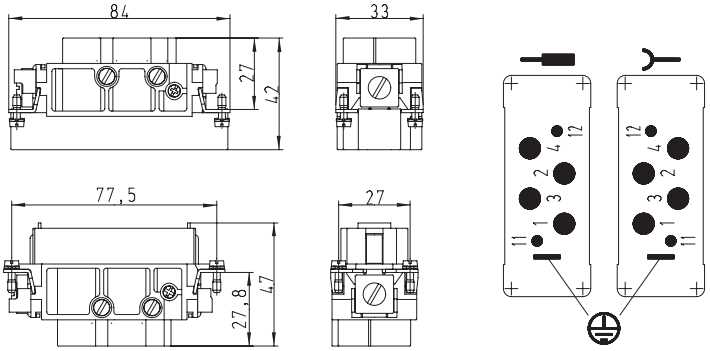
Description	Type	Part No.	P.U.
Contact inserts *revos*POWER	**4-/2-pole + ground**		
Male insert	POW STS 4/2 FA DB AG	72.215.0653.0	10
Female insert	POW BUS 4/2 FA DB AG	72.205.0653.0	10

Technical data	
Rated voltage	690 V and 400 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8 kV / 6 kV
Rated current	4 Contacts 82 A (CSA 70 A) / 2 Contacts 16 A
Degree of pollution	3
Rated cross section	
EN 60999	4 x 6 – 16 mm² and 2 x 1 – 2.5 mm²
UL	4 x 10 – 4 AWG and 2 x 16 – 12 AWG
CSA	4 x 10 – 4 AWG and 2 x 16 – 12 AWG
Contacts	
Material	Copper alloy
Surface	>16 A Ag / 16 A Sn
Insulation strip length	15 mm / 9 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	4 x M6 / 1.2 – 1.6 Nm / 2 x H1 / 0.5 – 0.7 Nm
Ground conductor screws	M5 / 2.0 – 2.5 Nm
Temperature range	-40 … +120 °C

Housing *revos* BASIC	Type	Page
Hood, Size	16H	164, 174, 176
Hood, Size	16XL	177
Open-bottom base, Size	16	166, 178
Closed-bottom base, Size	16H	168, 180

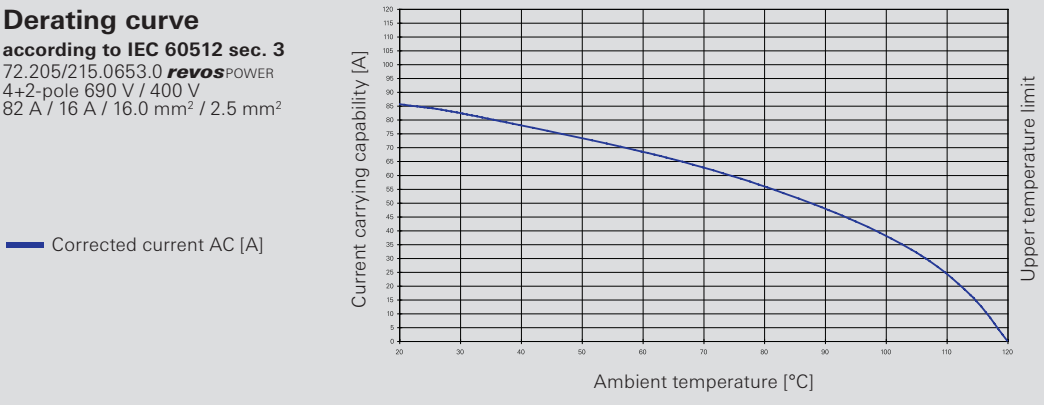
Dimensions

4-/2-pole + ground 690/400 V



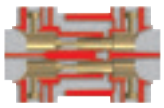
Derating curve

according to IEC 60512 sec. 3
72.205/215.0653.0 ***revos***POWER
4+2-pole 690 V / 400 V
82 A / 16 A / 16.0 mm² / 2.5 mm²



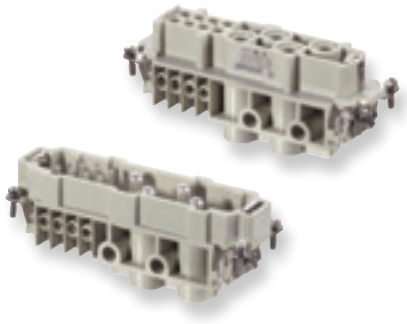
Subject to change without further notice

400 V 80 A + 400 V 16 A
Contact inserts, screw connection



Contact inserts revos POWER

4-/8-pole + ground
400 V
Size 24



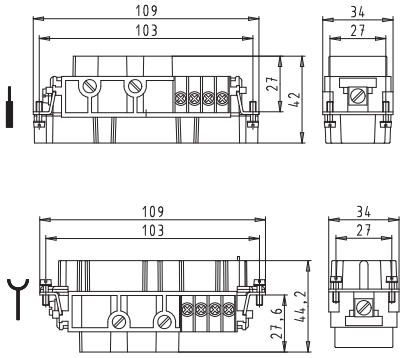
Note: The protective earth connection must be provided with the respective cable lug for 10 mm² and 16 mm² cross-sections.

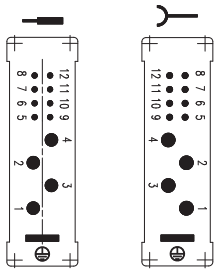
Description	Type	Part No.	P.U.
Contact insert revos POWER	**4-/8-pole + ground**		
Male insert	POW STS 4/8 NL BB AG	72.216.1253.0	5
Female insert	POW BUS 4/8 NL BB AG	72.206.1253.0	5
Technical data			
Rated voltage	400 V		
Rated voltage according to UL	600 V		
Rated impulse voltage	4 Contacts 6 kV / 8 Contacts 6 kV		
Rated current	4 Contacts 80 A / 8 Contacts 16 A		
Degree of pollution	3		
Rated cross section			
EN 60999	4 x 1.5 – 16 mm² and 8 x 0.5 – 2.5 mm²		
UL	4 x 16 – 6 AWG and 8 x 20 – 14 AWG		
CSA	–		
Contacts			
Material	Copper alloy		
Surface	Ag		
Insulation strip length	Power contacts 14 mm / Control contacts 7.5 mm		
Contact resistance	Power contacts ≤ 0.3 mΩ / Control contacts ≤ 1 mΩ		
Mating cycles	500		
Screws	head design / recomm. torque		
Mounting screws	4 x M3 / 0.5 Nm		
Ground conductor screws	M5 / 2.0 Nm		
Temperature range	-40 … +120 °C		

Description	Type	Part No.	P.U.
Accessories			
Fork cable lug for protective earth connection 10mm²		06.600.6127.6	10
Fork cable lug for protective earth connection 16mm²		06.600.6227.6	10
Housing revos BASIC	24/24H	Page 182–201	

Dimensions

4-/8-pole + ground 400 V

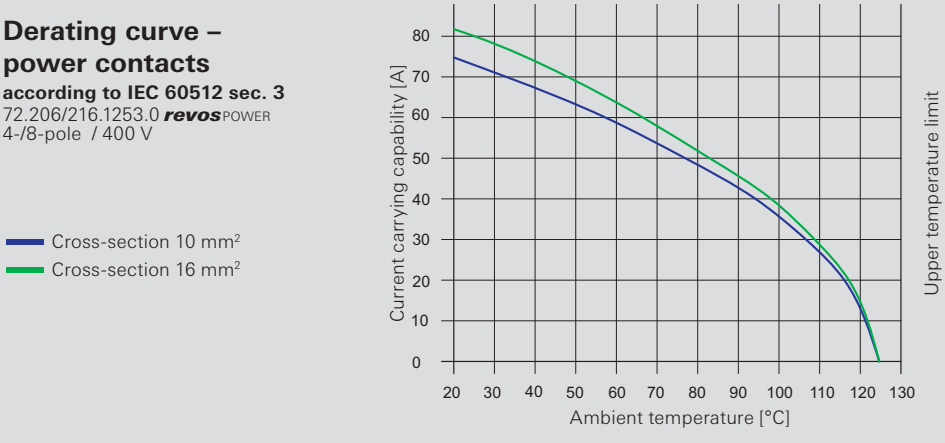




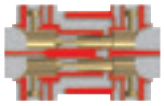
Clamping screws							
Power contacts							
Tightening torque	mm²	1,5	2,5	4	6	10	16
	Nm	1,2	2	3	3	3	3
Insulation strip length	mm	14					
Control contacts							
Tightening torque	mm²	0,5 – 2,5					
	Nm	0,5					
Insulation strip length	mm	7,5					

Derating curve – power contacts

according to IEC 60512 sec. 3
72.206/216.1253.0 revos POWER
4-/8-pole / 400 V

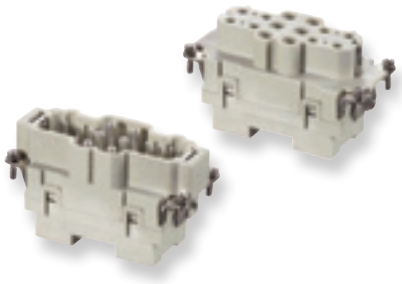


400/690 V 40 A + 230/400 V 10 A
Contact inserts, axial connection, screw connection



Contakt inserts *revos* POWER

6-/12-pole + ground
Size 16



Description	Type	Part No.	P.U.
Contakt inserts *revos* POWER	**6-/12-polig + PE**		
Male insert 2.5 – 6 mm²	POW STS 6/12 KL CA AG	72.215.1853.0	5
Female insert 2.5 – 6 mm²	POW BUS 6/12 KL CA AG	72.205.1853.0	5
Male insert 6 – 10 mm²	POW STS 6/12 ML CA AG	72.213.1853.0	5
Female insert 6 – 10 mm²	POW BUS 6/12 ML CA AG	72.203.1853.0	5

Technical data	
Rated voltage	L-PE 400 V / L-L 690 V und L-PE 230 V / L-L 400 V
Rated voltage according to UL	600 V
Rated impulse voltage	6 Contacts 6 kV / 12 Contacts 4 kV
Rated current	6 Contacts 40 A /12 Contacts 10 A
Degree of pollution	3
Rated cross section	
EN 60999	6 x 2.5 – 10 mm² and 12 x 0.5 – 2.5 mm²
UL	6 x 14 – 8 AWG and 12 x 24 – 14 AWG
CSA	–
Contacts	
Material	Copper alloy
Surface	Ag
Contact resistance	Power contacts ≤ 0,5 mΩ / Control contacts ≤ 3 mΩ
Mating cycles	500
Screws	head design / recomm. torque
Mounting screws	4 x M3 / 0,5 Nm
Ground conductor screws	M5 / 2.0 Nm
Temperature range	-40 … +120 °C

Description	Type	Part No.	P.U.
Accessories			
Axial screwdriver	POW AXIALSHR ISK SW 2	05.502.4500.0	1
Housing *revos* BASIC	Type	Page	
Size	16/16H	162–181	

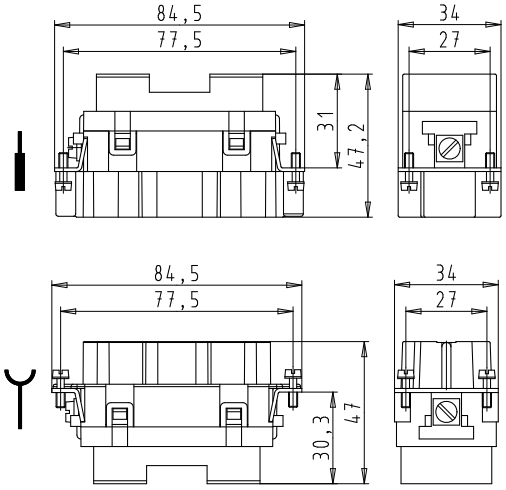
Clamping screws					
Power contacts, fine stranded					
Tightening torque	mm²	2.5	4	6	10
	Nm	1.5	1.5	2	2
Insulation strip length	mm²	2.5	4	6	10
	mm	5^{+1}	5^{+1}	8^{+1}	8^{+1}
Control contacts					
Tightening torque	mm²	0.2 – 2.5			
	Nm	0.8			
Insulation strip length	mm	7.5			

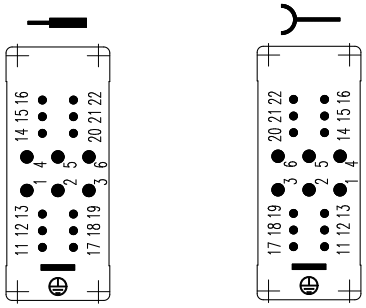
Subject to change without further notice

Dimensions

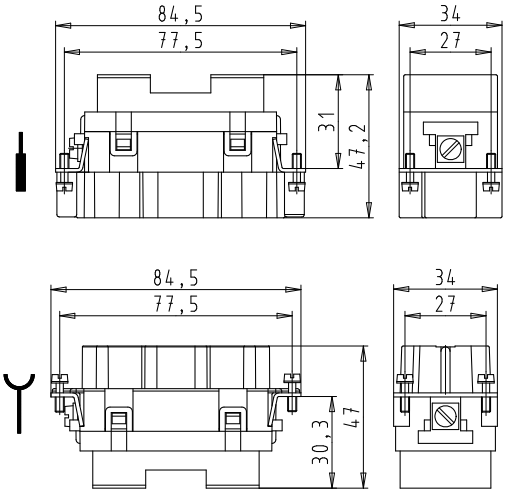
6-/12-pole + ground

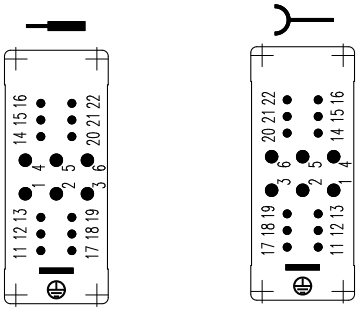
Male-/female insert 2.5 – 6 mm²





Male-/female insert 6 – 10 mm²



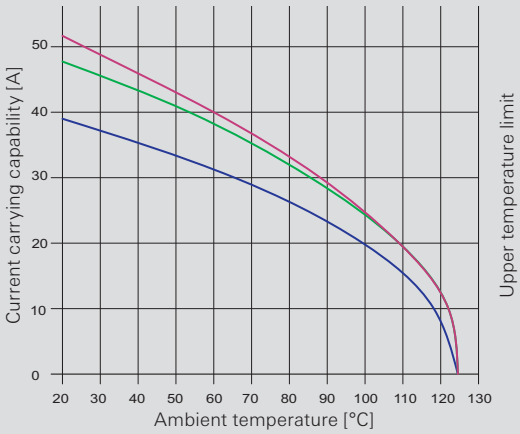


Derating curve – power contacts

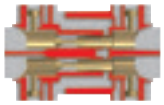
according to IEC 60512 sec. 3

revos POWER 6-/12-pole
2.5– 6 mm² / 6 – 10 mm²

- Cross-section 4 mm²
- Cross-section 6 mm²
- Cross-section 10 mm²



690 V 40 A + 250 V 10 A
Contact inserts, crimp connection



Contact inserts *revos* POWER

c UL us

12-/2-pole + ground
Size 16H

Description	Type	Part No.	P.U.
Contact inserts *revos* POWER	**12-/2-pole + ground**		
Male insert	POW STC 12/2 DE	72.713.1453.0	5
Female insert	POW BUC 12/2 DE	72.703.1453.0	5
Contact	mm² / AWG, turned Ø 4 mm		
Male insert, Ag	1.5 /16	05.545.9200.8	100
Female insert, Ag	1.5 /16	02.126.6700.8	100
Male insert, Ag	2.5 /14	05.545.9300.8	100
Female insert, Ag	2.5 /14	02.126.6800.8	100
Male insert, Ag	4 /12	05.545.9400.8	100
Female insert, Ag	4 /12	02.126.6900.8	100
Male insert, Ag	6 /10	05.545.9500.8	100
Female insert, Ag	6 /10	02.126.7000.8	100
Contact	mm² / AWG, turned Ø 1,6 mm		
Male insert, Ag	0.14-0.37 /26-22	05.545.7900.8	100
Female insert, Ag	0.14-0.37 /26-22	02.126.5400.8	100
Male insert, Ag	0.5 /20	05.545.8000.8	100
Female insert, Ag	0.5 /20	02.126.5500.8	100
Male insert, Ag	0.75 /18	05.545.8100.8	100
Female insert, Ag	0.75 /18	02.126.5600.8	100
Male insert, Ag	1.0 /18	05.545.8200.8	100
Female insert, Ag	1.0 /18	02.126.5700.8	100
Male insert, Ag	1.5 /16	05.545.8300.8	100
Female insert, Ag	1.5 /16	02.126.5800.8	100
Male insert, Ag	2.5 /14	05.545.8400.8	100
Female insert, Ag	2.5 /14	02.126.5900.8	100

Technical data	
Rated voltage	690 V + 250 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	12 Contacts 8 kV/ 2 Contacts 4 kV
Rated current	12 Contacts 40 A/ 2 Contacts 10 A
Degree of pollution	3
Rated cross section	
EN 60999	12 x 1.5 – 6 mm² + 2 x 0.14 – 2.5 mm²
UL	12 x 16 – 10 AWG + 2 x 26 – 14 AWG
CSA	12 x 16 – 10 AWG + 2 x 26 – 14 AWG
Contacts	
Material	Kupferlegierung
Surface	Ag
Insulation strip length	Power contacts ≤ 0.3 mΩ / Control contacts ≤ 3 mΩ
Mating cycles	500
Screws	head design / recomm. torque
Mounting screws	4 x M3 / 0.5 Nm
Ground conductor screws	M5 / 2.0 Nm
Temperature range	-40 … +120 °C

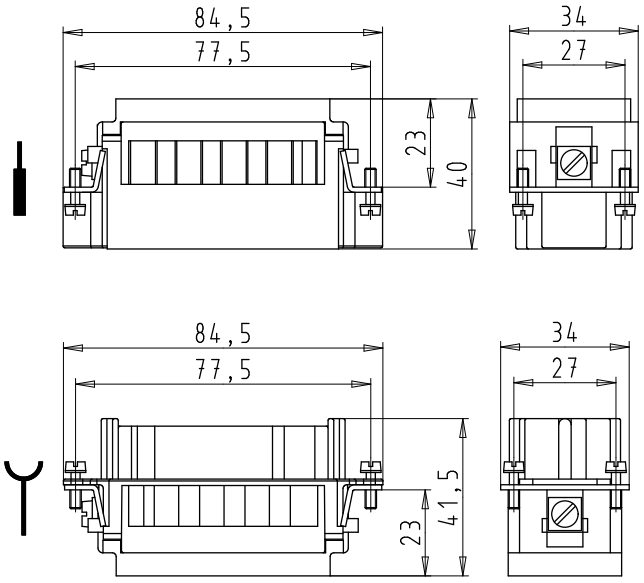
Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die for power contacts	„H“	05.502.5000.0	1
Contacting for power contacts	„6“	05.502.5200.0	1
Crimping die for control contacts	„G“	05.502.4900.0	1
Contacting for control contacts	„5“	05.502.5100.0	1
Extraction tool for crimp contacts	40 A / Ø 4 mm	05.502.4400.0	1
Extraction tool for crimp contacts	10 A/ Ø 1,6 mm	05.502.0710.0	1

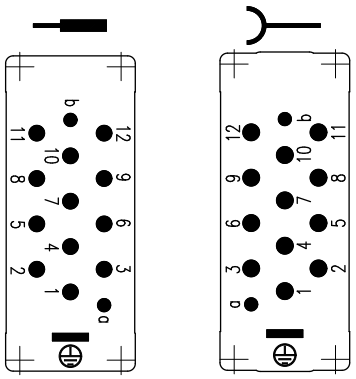
Housing *revos* BASIC	Type	Page
Size	16/16H	162-181

Subject to change without further notice

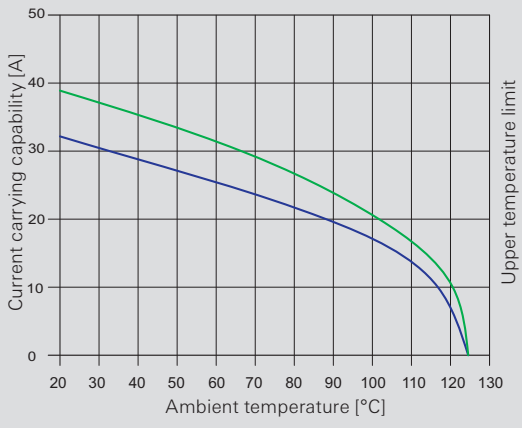
Dimensions

12-/2-pole + ground

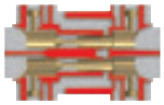




Derating curve – power contacts
according to IEC 60512 sec 3
revosPOWER 12-/2-pole



690 V 40 A + 160 V 10 A
Contact inserts, crimp connection



Contact inserts revos POWER

c UL us

6-/36-pole + ground
Size 16H

Description	Type		Part No.	P.U.
Contact inserts revos POWER	**6-/36-pole + ground**			
Male insert	POW STC 6/36 DF		72.713.4253.0	5
Female insert	POW BUC 6/36 DF		72.703.4253.0	5
Contacts	mm²	/ AWG, turned Ø 4 mm		
Male insert, Ag	1,5	/16	05.545.9200.8	100
Female insert, Ag	1,5	/16	02.126.6700.8	100
Male insert, Ag	2,5	/14	05.545.9300.8	100
Female insert, Ag	2,5	/14	02.126.6800.8	100
Male insert, Ag	4	/12	05.545.9400.8	100
Female insert, Ag	4	/12	02.126.6900.8	100
Male insert, Ag	6	/10	05.545.9500.8	100
Female insert, Ag	6	/10	02.126.7000.8	100
Contacts	mm²	/ AWG, turned Ø 1,6 mm		
Male insert, Ag	0,14-0,37	/26-22	05.545.7900.8	100
Female insert, Ag	0,14-0,37	/26-22	02.126.5400.8	100
Male insert, Ag	0,5	/20	05.545.8000.8	100
Female insert, Ag	0,5	/20	02.126.5500.8	100
Male insert, Ag	0,75	/18	05.545.8100.8	100
Female insert, Ag	0,75	/18	02.126.5600.8	100
Male insert, Ag	1,0	/18	05.545.8200.8	100
Female insert, Ag	1,0	/18	02.126.5700.8	100
Male insert, Ag	1,5	/16	05.545.8300.8	100
Female insert, Ag	1,5	/16	02.126.5800.8	100
Male insert, Ag	2,5	/14	05.545.8400.8	100
Female insert, Ag	2,5	/14	02.126.5900.8	100

Technical data	
Rated voltage	690 V + 160 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 Contacts 8 kV /36 Contacts 2.5 kV
Rated current	6 Contacts 40 A / 36 Contacts 2.5 kV
Degree of pollution	3
Rated cross section	
EN 60999	6 x 1,5 – 6 mm² + 36 x 0.14 – 2.5 mm²
UL	6 x 16 – 10 AWG + 36 x 26 – 14 AWG
CSA	6 x 16 – 10 AWG + 36 x 26 – 14 AWG
Contacts	
Material	Copper alloy
Surface	Ag
Contact resistance	Power contacts ≤ 0.3 mΩ / Power contacts ≤ 3 mΩ
Mating cycles	500
Screws	head design / recomm. torque
Mounting screws	4 x M3 / 0.5 Nm
Ground conductor screws	M5 / 2.0 Nm
Temperature range	-40 … +120 °C

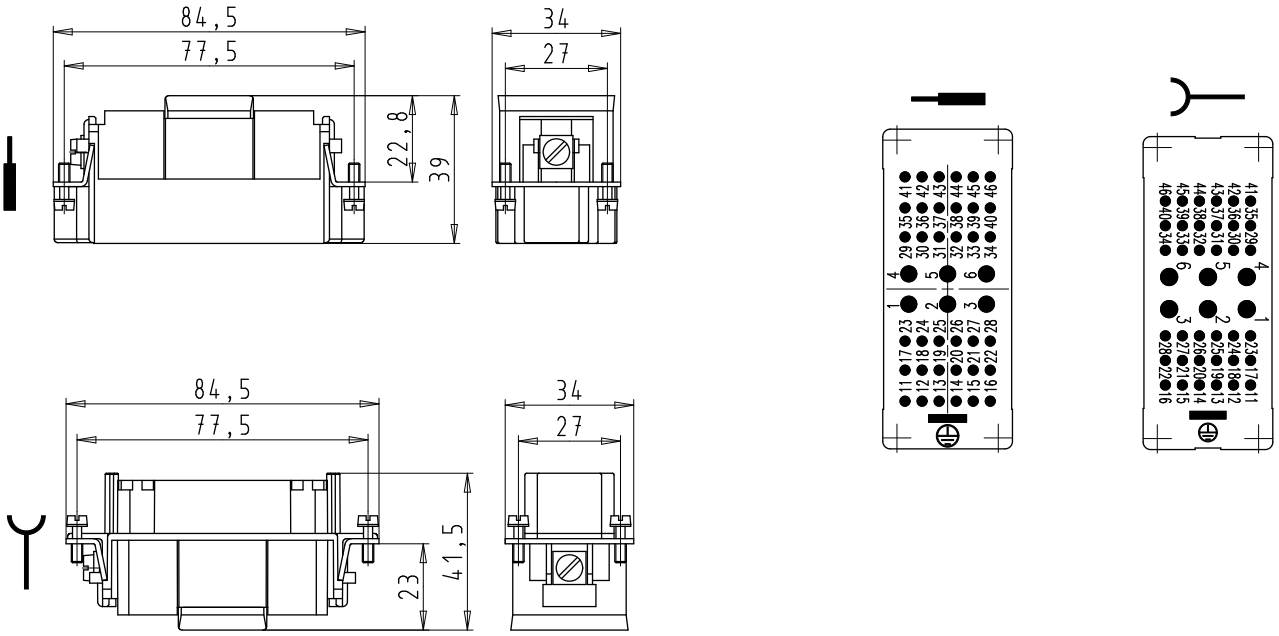
Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die for power contacts	„H“	05.502.5000.0	1
Contact positioner for power contacts	„6“	05.502.5200.0	1
Crimping die for control contacts	„G“	05.502.4900.0	1
Contact positioner for control contacts	„5“	05.502.5100.0	1
Extraction tool for crimp contacts	40 A / Ø 4 mm	05.502.4400.0	1
Extraction tool for crimp contacts	10 A/ Ø 1,6 mm	05.502.0710.0	1

Housing revos BASIC	Type	Page
Size	16H	164, 168, 174, 176, 180

Subject to change without further notice

Dimensions

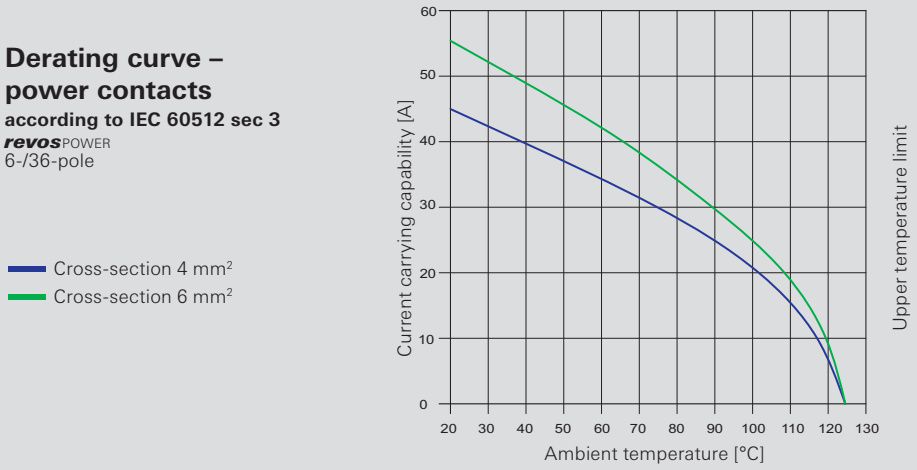
6-/36-pole + ground



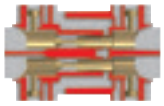
Derating curve – power contacts

according to IEC 60512 sec 3

revos POWER
6-/36-pole



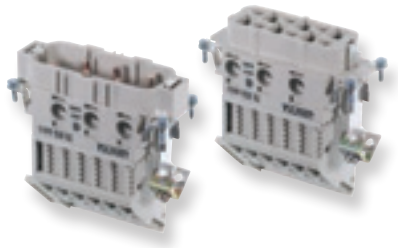
400 V and 690 V multipole adapter, screw connection



Multipole adapter *revos* POWER

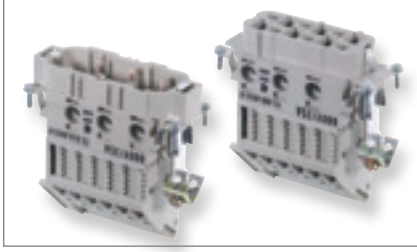
6-pole + ground 400 V Size 16

Compatible with 72.200/210.0653.0



6-pole + ground 690 V Size 16

Compatible with 72.200/210.0653.0



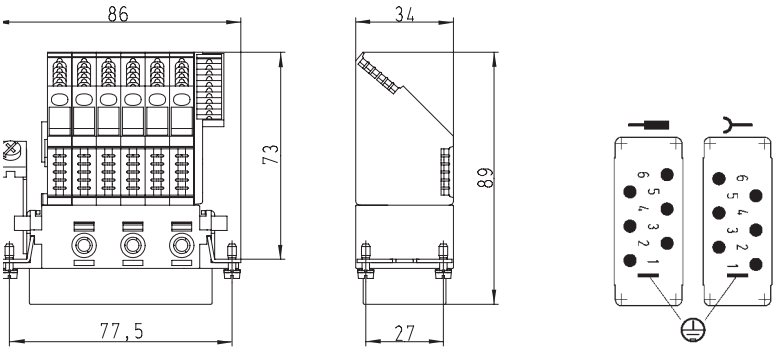
Description	Type	Part No.	P.U.
Multipole adapter *revos* POWER	**6-pole + ground 400 V**		
Male insert, ground right	POW SAS WR 6 6,0 40 AG	70.015.0653.0	10
Female insert, ground right	POW BAS WR 6 6,0 40 AG	70.005.0653.0	10
Male insert, ground left	POW SAS WL 6 6,0 40 AG	70.010.0653.0	10
Female insert, ground left	POW BAS WL 6 6,0 40 AG	70.000.0653.0	10
Multipole adapter *revos* POWER	**6-pole + ground 690 V**		
Male insert, ground right	POW SAS WR 6 6,0 69 AG	72.015.0653.0	10
Female insert, ground right	POW BAS WR 6 6,0 69 AG	72.005.0653.0	10
Male insert, ground left	POW SAS WL 6 6,0 69 AG	72.010.0653.0	10
Female insert, ground left	POW BAS WL 6 6,0 69 AG	72.000.0653.0	10

Technical data	**6-pole + ground 400 V**	**6-pole + ground 690 V**
Rated voltage	400 V	690 V
Rated impulse voltage	6 kv	8 kv
Rated voltage according to UL/CSA	600 V	
Rated current	35 A	
Degree of pollution	3	
Rated cross section		
EN 60999	2.5 – 6 mm²	
UL	14 – 8 AWG	
CSA	14 – 8 AWG	
Contacts		
Material	Copper alloy	
Surface	Ag	
Insulation strip length	12 mm	
Contact resistance	≤ 1 mΩ	
Mating cycles	200	
Screws	head design / recomm. torque	
Mounting screws	H1 / 0.5 – 0.7 Nm	
Clamping screws	H1 / 0.8 – 1.0 Nm	
Ground conductor screws	H1 / 1.2 – 1.6 Nm	
Temperature range	-40 … +120 °C	

Description	Type	Part No.	P.U.
Open-bottom base *revos* BASIC			
Size 16, double locking lever	BAS GUT GA 16 50 A	70.320.1628.0	1
Size 16, double locking lever	BAS GUT GE 16 50 A	70.325.1628.0	1
Size 16, single locking lever	BAS GUT GK 16 50 A	71.320.1628.0	1
Size 16, single locking lever	BAS GUT GP 16 50 A	71.325.1628.0	1

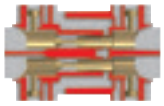
Dimensions

6-pole + ground 400 V and 690 V



Subject to change without further notice

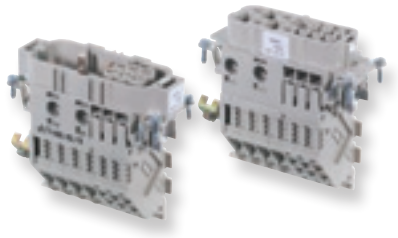
500 V multipole adapter, screw connection



Multipole adapter *revos*POWER

4-/6-pole + ground 500 V
Size 16

Compatible with 72.205/210.1053.0



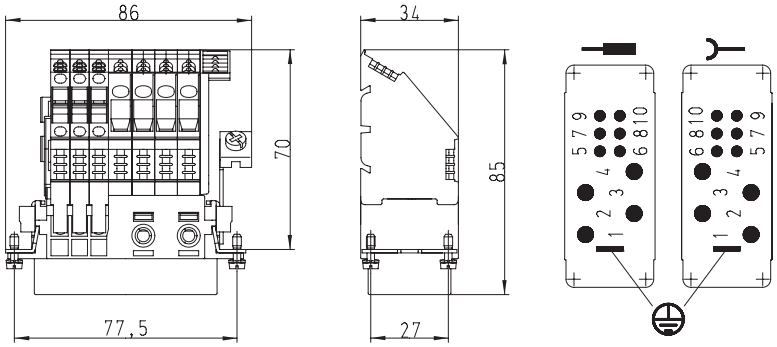
Description	Type	Part No.	P.U.
Multipole adapter *revos*POWER	**4-/6-pole + ground**		
Male insert, ground right	POW SAS WR 4/6 DB 69 AG	72.117.1053.0	10
Female insert, ground right	POW BAS WR 4/6 DB 69 AG	72.107.1053.0	10

Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	35 A / 16 A
Degree of pollution	3
Rated cross section	
EN 60999	4 x 2.5 – 6 mm² and 6 x 1.5 – 4 mm²
UL	4 x 14 – 8 AWG and 6 x 16-12 AWG
CSA	4 x 14 – 8 AWG and 6 x 16-12 AWG
Contacts	
Material	Copper alloy
Surface	Ag / Sn
Insulation strip length	12 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	6 x M3 / 0.5 – 0.7 Nm / 4 x M3.5 / 0.8 – 1.0 Nm
Ground conductor screws	H1 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

Description	Type	Part No.	P.U.
Open-bottom base *revos*BASIC			
Size 16, double locking lever	BAS GUT GA 16 A	70.320.1628.0	1
Size 16, double locking lever	BAS GUT GE 16 A	70.325.1628.0	1
Size 16, single locking lever	BAS GUT GK 16 A	71.320.1628.0	1
Size 16, single locking lever	BAS GUT GP 16 A	71.325.1628.0	1

Dimensions

4-/6-pole + ground 500 V



Trigger action frame *revos* BASIC

The trigger action frames of the ***revos*** BASIC family are an economical option for implementing a pluggable feed-through connection for low-voltage switching systems. They can also be used as a cable-to-cable coupling that is mounted on a DIN rail TS35 according to DIN EN 50022 in a control cabinet.

The connection provides protection degree IP20.

The mounting application may influence the air and creepage distances and thus the rated voltage.

Plug diagram for strain relief frame

Female \ Male	Connector with trigger action frame without locking levers, with strain relief	Connector with trigger action frame without locking levers, without strain relief	Connector with trigger action frame with locking levers, with strain relief	Connector with trigger action frame with locking levers, without strain relief	Multipole adapter with trigger action frame, without locking levers, SL left
Connector with trigger action frame without locking levers, with strain relief	○	○	●	●	○
Connector with trigger action frame without locking levers, without strain relief	○	○	●	●	○
Connector with trigger action frame with locking levers, with strain relief	●	●	○	○	●
Connector with trigger action frame with locking levers, without strain relief	●	●	○	○	●
Multipole adapter with trigger action frame, without locking levers, SL left	○	○	●	●	○
Multipole adapter with trigger action frame, without locking levers, SL right	○	○	●	●	○
Multipole adapter with trigger action frame, with locking levers, SL left	●	●	○	○	●
Multipole adapter with trigger action frame, with locking levers, SL right	●	●	○	○	●
Multipole adapter with trigger action frame, without locking levers, SL left, with U-foot	○	○	●	●	○
Multipole adapter with trigger action frame, without locking levers, SL right, with U-foot	○	○	●	●	○
Multipole adapter with trigger action frame, with locking levers, SL left, with U-foot,	●	●	○	○	●
Multipole adapter with trigger action frame, with locking levers, SL right, with U-foot	●	●	○	○	●

● **pluggable**
○ **not pluggable**

Subject to change without further notice

The system has the following advantages:

- Reduction of material and mounting costs
- Easy accessibility to the connector for testing purposes
- Simple and trouble-free maintenance
- Marking options with Wieland's marking system

Multipole adapter with trigger action frame, without locking levers, SL right	Multipole adapter with trigger action frame, with locking levers, SL left	Multipole adapter with trigger action frame, with locking levers, SL right	Multipole adapter with trigger action frame, without locking levers, SL left, with U-foot	Multipole adapter with trigger action frame, without locking levers, SL right, with U-foot	Multipole adapter with trigger action frame, with locking levers, SL left, with U-foot	Multipole adapter with trigger action frame, with locking levers, SL right, with U-foot
○	●	●	○	○	●	●
○	●	●	○	○	●	●
●	○	○	●	●	○	○
●	○	○	●	●	○	○
○	●	●	○	○	●	●
○	●	●	○	○	●	●
●	○	○	●	●	○	○
●	○	○	●	●	○	○
○	●	●	○	○	○	○
○	●	●	○	○	○	○
●	○	○	○	○	○	○
●	○	○	○	○	○	○

Connector with trigger action frame 500 V, screw connection

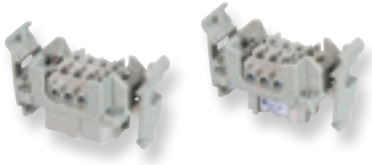
Trigger action frame *revos* BASIC 6/10/16/24-pole + ground

without locking levers with strain relief

without locking levers without strain relief

with locking levers with strain relief

with locking levers without strain relief



Description		Type	Part No.	P.U.
Trigger action frame *revos* BASIC 500 V		**6-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 70.3 / 6 REVZ	Z5.571.0156.0	10
without locking levers,	without strain relief	ST 70.3 / 6 REV	Z5.571.1156.0	10
with locking levers,	with strain relief	ST 70.3 / 6 RVZ	Z5.571.2156.0	10
with locking levers,	without strain relief	ST 70.3 / 6 RV	Z5.571.3156.0	10
Female insert				
without locking levers,	with strain relief	BU 70.3 / 6 REVZ	Z5.570.0156.0	10
without locking levers,	without strain relief	BU 70.3 / 6 REV	Z5.570.1156.0	10
with locking levers,	with strain relief	BU 70.3 / 6 RVZ	Z5.570.2156.0	10
with locking levers,	without strain relief	BU 70.3 / 6 RV	Z5.570.3156.0	10
Trigger action frame *revos* BASIC 500 V		**10-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 70.3 / 10 REVZ	Z5.571.0256.0	10
without locking levers,	without strain relief	ST 70.3 / 10 REV	Z5.571.1256.0	10
with locking levers,	with strain relief	ST 70.3 / 10 RVZ	Z5.571.2256.0	10
with locking levers,	without strain relief	ST 70.3 / 10 RV	Z5.571.3256.0	10
Female insert				
without locking levers,	with strain relief	BU 70.3 / 10 REVZ	Z5.570.0256.0	10
without locking levers,	without strain relief	BU 70.3 / 10 REV	Z5.570.1256.0	10
with locking levers,	with strain relief	BU 70.3 / 10 RVZ	Z5.570.2256.0	10
with locking levers,	without strain relief	BU 70.3 / 10 RV	Z5.570.3256.0	10
Trigger action frame *revos* BASIC 500 V		**16-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 70.3 / 16 REVZ	Z5.571.0056.0	10
without locking levers,	without strain relief	ST 70.3 / 16 REV	Z5.571.1056.0	10
with locking levers,	with strain relief	ST 70.3 / 16 RVZ	Z5.571.2056.0	10
with locking levers,	without strain relief	ST 70.3 / 16 RV	Z5.571.3056.0	10
Female insert				
without locking levers,	with strain relief	BU 70.3 / 16 REVZ	Z5.570.0056.0	10
without locking levers,	without strain relief	BU 70.3 / 16 REV	Z5.570.1056.0	10
with locking levers,	with strain relief	BU 70.3 / 16 RVZ	Z5.570.2056.0	10
with locking levers,	without strain relief	BU 70.3 / 16 RV	Z5.570.3056.0	10
Trigger action frame *revos* BASIC 500 V		**24-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 70.3 / 24 REVZ	Z5.571.0356.0	10
without locking levers,	without strain relief	ST 70.3 / 24 REV	Z5.571.1356.0	10
with locking levers,	with strain relief	ST 70.3 / 24 RVZ	Z5.571.2356.0	10
with locking levers,	without strain relief	ST 70.3 / 24 RV	Z5.571.3356.0	10
Female insert				
without locking levers,	with strain relief	BU 70.3 / 24 REVZ	Z5.570.0356.0	10
without locking levers,	without strain relief	BU 70.3 / 24 REV	Z5.570.1356.0	10
with locking levers,	with strain relief	BU 70.3 / 24 RVZ	Z5.570.2356.0	10
with locking levers,	without strain relief	BU 70.3 / 24 RV	Z5.570.3356.0	10

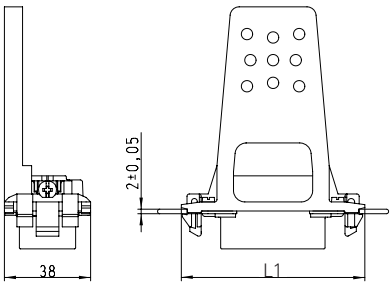
Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	Sn 200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	H1 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

The mounting application may influence the air and creepage distances and thus the rated voltage.

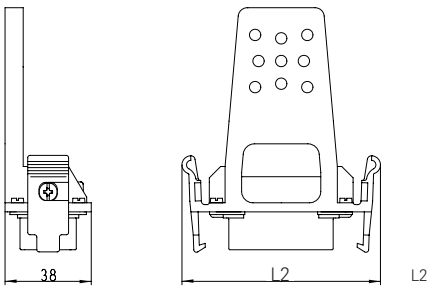
Subject to change without further notice

Dimensions

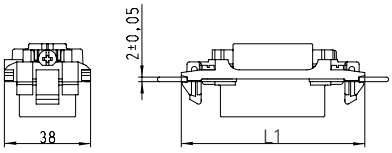
without locking levers with strain relief



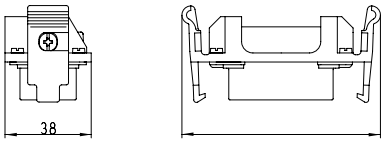
with locking levers with strain relief



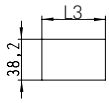
without locking levers without strain relief



with locking levers without strain relief



Sheet metal cutout for trigger action frame



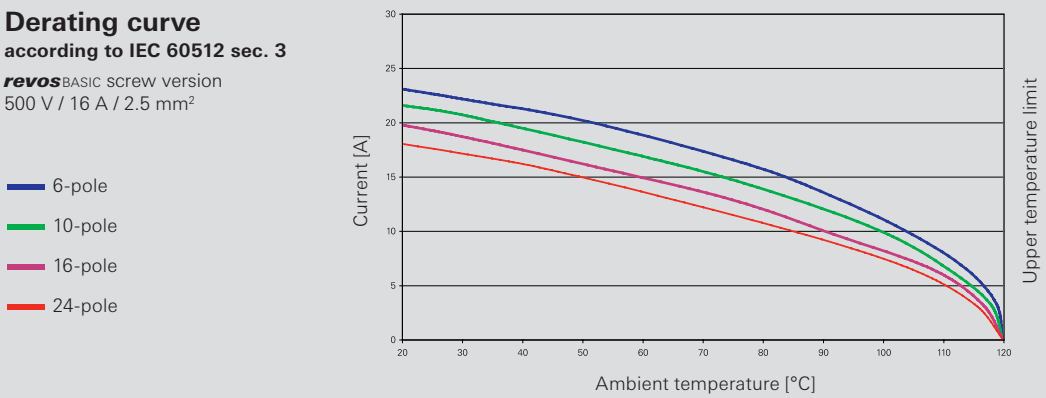
sheet metal thickness
2 ± 0.05 mm

Number of poles	L1 [mm]	L2 [mm]	L3 [mm]
6	67.5	74.1	62.5
10	80.9	87.5	75.9
16	101.0	106.5	96.0
24	127.8	134.4	122.8

Derating curve

according to IEC 60512 sec. 3

revosBASIC screw version
500 V / 16 A / 2.5 mm²



Multipole adapter with trigger action frame 500 V, screw connection

Multipole adapter *revos* BASIC

without locking levers

with locking levers

without locking levers

with locking levers

Description		Type				Part No.	P.U.
Multipole adapter *revos* BASIC 500 V		**6-pole + ground**					
Male insert							
without locking levers,	ground right	ST	70.1 / 6	REV	WR	Z5.573.1156.0	10
without locking levers,	ground right, with U-foot	ST	70.1 / 6	REV	U WR	Z5.573.5156.0	10
without locking levers,	ground left	ST	70.1 / 6	REV	WL	Z5.573.0156.0	10
without locking levers,	ground left, with U-foot	ST	70.1 / 6	REV	U WL	Z5.573.4156.0	10
with locking levers,	ground right	ST	70.1 / 6	RV	WR	Z5.573.3156.0	10
with locking levers,	ground right, with U-foot	ST	70.1 / 6	RV	U WR	Z5.573.7156.0	10
with locking levers,	ground left	ST	70.1 / 6	RV	WL	Z5.573.2156.0	10
with locking levers,	ground left, with U-foot	ST	70.1 / 6	RV	U WL	Z5.573.6156.0	10
Female insert							
without locking levers,	ground right	BU	70.1 / 6	REV	WR	Z5.572.1156.0	10
without locking levers,	ground right, with U-foot	BU	70.1 / 6	REV	U WR	Z5.572.5156.0	10
without locking levers,	ground left	BU	70.1 / 6	REV	WL	Z5.572.0156.0	10
without locking levers,	ground left, with U-foot	BU	70.1 / 6	REV	U WL	Z5.572.4156.0	10
with locking levers,	ground right	BU	70.1 / 6	RV	WR	Z5.572.3156.0	10
with locking levers,	ground right, with U-foot	BU	70.1 / 6	RV	U WR	Z5.572.7156.0	10
with locking levers,	ground left	BU	70.1 / 6	RV	WL	Z5.572.2156.0	10
with locking levers,	ground left, with U-foot	BU	70.1 / 6	RV	U WL	Z5.572.6156.0	10
Multipole adapter *revos* BASIC 500 V		**10-pole + ground**					
Male insert							
without locking levers,	ground right	ST	70.1 / 10	REV	WR	Z5.573.1256.0	10
without locking levers,	ground right, with U-foot	ST	70.1 / 10	REV	U WR	Z5.573.5256.0	10
without locking levers,	ground left	ST	70.1 / 10	REV	WL	Z5.573.0256.0	10
without locking levers,	ground left, with U-foot	ST	70.1 / 10	REV	U WL	Z5.573.4256.0	10
with locking levers,	ground right	ST	70.1 / 10	RV	WR	Z5.573.3256.0	10
with locking levers,	ground right, with U-foot	ST	70.1 / 10	RV	U WR	Z5.573.7256.0	10
with locking levers,	ground left	ST	70.1 / 10	RV	WL	Z5.573.2256.0	10
with locking levers,	ground left, with U-foot	ST	70.1 / 10	RV	U WL	Z5.573.6256.0	10
Female insert							
without locking levers,	ground right	BU	70.1 / 10	REV	WR	Z5.572.1256.0	10
without locking levers,	ground right, with U-foot	BU	70.1 / 10	REV	U WR	Z5.572.5256.0	10
without locking levers,	ground left	BU	70.1 / 10	REV	WL	Z5.572.0256.0	10
without locking levers,	ground left, with U-foot	BU	70.1 / 10	REV	U WL	Z5.572.4256.0	10
with locking levers,	ground right	BU	70.1 / 10	RV	WR	Z5.572.3256.0	10
with locking levers,	ground right, with U-foot	BU	70.1 / 10	RV	U WR	Z5.572.7256.0	10
with locking levers,	ground left	BU	70.1 / 10	RV	WL	Z5.572.2256.0	10
with locking levers,	ground left, with U-foot	BU	70.1 / 10	RV	U WL	Z5.572.6256.0	10
Multipole adapter *revos* BASIC 500 V		**16-pole + ground**					
Male insert							
without locking levers,	ground right	ST	70.1 / 16	REV	WR	Z5.573.1056.0	10
without locking levers,	ground right, with U-foot	ST	70.1 / 16	REV	U WR	Z5.573.5056.0	10
without locking levers,	ground left	ST	70.1 / 16	REV	WL	Z5.573.0056.0	10
without locking levers,	ground left, with U-foot	ST	70.1 / 16	REV	U WL	Z5.573.4056.0	10
with locking levers,	ground right	ST	70.1 / 16	RV	WR	Z5.573.3056.0	10
with locking levers,	ground right, with U-foot	ST	70.1 / 16	RV	U WR	Z5.573.7056.0	10
with locking levers,	ground left	ST	70.1 / 16	RV	WL	Z5.573.2056.0	10
with locking levers,	ground left, with U-foot	ST	70.1 / 16	RV	U WL	Z5.573.6056.0	10
Female insert							
without locking levers,	ground right	BU	70.1 / 16	REV	WR	Z5.572.1056.0	10
without locking levers,	ground right, with U-foot	BU	70.1 / 16	REV	U WR	Z5.572.5056.0	10
without locking levers,	ground left	BU	70.1 / 16	REV	WL	Z5.572.0056.0	10
without locking levers,	ground left, with U-foot	BU	70.1 / 16	REV	U WL	Z5.572.4056.0	10
with locking levers,	ground right	BU	70.1 / 16	RV	WR	Z5.572.3056.0	10
with locking levers,	ground right, with U-foot	BU	70.1 / 16	RV	U WR	Z5.572.7056.0	10
with locking levers,	ground left	BU	70.1 / 16	RV	WL	Z5.572.2056.0	10
with locking levers,	ground left, with U-foot	BU	70.1 / 16	RV	U WL	Z5.572.6056.0	10
Multipole adapter *revos* BASIC 500 V		**24-pole + ground**					
Male insert							
without locking levers,	ground right	ST	70.1 / 24	REV	WR	Z5.573.1356.0	10
without locking levers,	ground right, with U-foot	ST	70.1 / 24	REV	U WR	Z5.573.5356.0	10
without locking levers,	ground left	ST	70.1 / 24	REV	WL	Z5.573.0356.0	10
without locking levers,	ground left, with U-foot	ST	70.1 / 24	REV	U WL	Z5.573.4356.0	10
with locking levers,	ground right	ST	70.1 / 24	RV	WR	Z5.573.3356.0	10
with locking levers,	ground right, with U-foot	ST	70.1 / 24	RV	U WR	Z5.573.7356.0	10
with locking levers,	ground left	ST	70.1 / 24	RV	WL	Z5.573.2356.0	10
with locking levers,	ground left, with U-foot	ST	70.1 / 24	RV	U WL	Z5.573.6356.0	10
Female insert							
without locking levers,	ground right	BU	70.1 / 24	REV	WR	Z5.572.1356.0	10
without locking levers,	ground right, with U-foot	BU	70.1 / 24	REV	U WR	Z5.572.5356.0	10
without locking levers,	ground left	BU	70.1 / 24	REV	WL	Z5.572.0356.0	10
without locking levers,	ground left, with U-foot	BU	70.1 / 24	REV	U WL	Z5.572.4356.0	10
with locking levers,	ground right	BU	70.1 / 24	RV	WR	Z5.572.3356.0	10
with locking levers,	ground right, with U-foot	BU	70.1 / 24	RV	U WR	Z5.572.7356.0	10
with locking levers,	ground left	BU	70.1 / 24	RV	WL	Z5.572.2356.0	10
with locking levers,	ground left, with U-foot	BU	70.1 / 24	RV	U WL	Z5.572.6356.0	10

Subject to change without further notice

Technical data, Dimensions

Multipole adapter *revos* BASIC

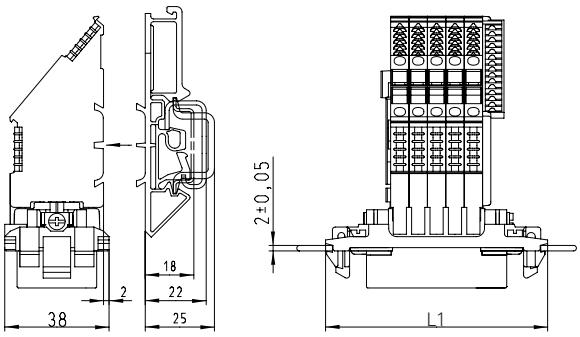
Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 4 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	12 mm
Contact resistance	≤ 3 mΩ
Mating cycles	Sn 200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	M3 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

Description	Type	Part No.	P.U.
Accessories			
Universal foot	23 mm wide	05.583.0053.0	50

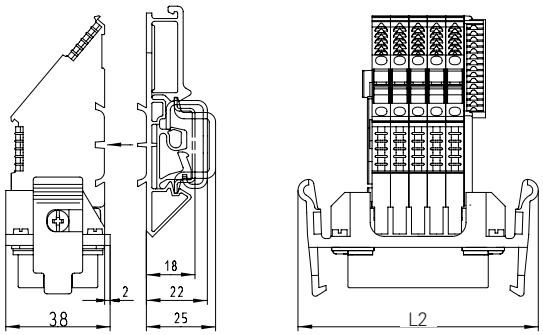
The mounting application may influence the air and creepage distances and thus the rated voltage.

Dimensions

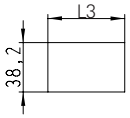
without locking levers



with locking levers



Sheet metal cutout for trigger action frame



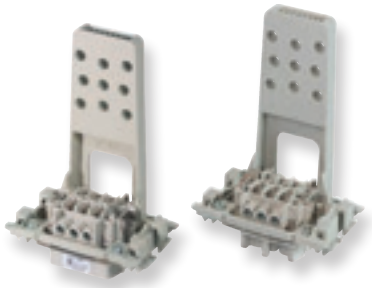
sheet metal thickness
2 ± 0.05 mm

Number of poles	L1 [mm]	L2 [mm]	L3 [mm]
6	67.5	74.1	62.5
10	80.9	87.5	75.9
16	101.0	106.5	96.0
24	127.8	134.4	122.8

Connector with trigger action frame 500 V, crimp connection

Trigger action frame *revos* BASIC

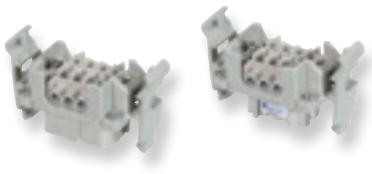
without locking levers with strain relief



without locking levers without strain relief

with locking levers with strain relief

with locking levers without strain relief



Description		Type	Part No.	P.U.
Trigger action frame *revos* BASIC 500 V		**6-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 70.7 / 6 REVZ	Z5.571.4156.0	10
without locking levers,	without strain relief	ST 70.7 / 6 REV	Z5.571.5156.0	10
with locking levers,	with strain relief	ST 70.7 / 6 RVZ	Z5.571.6656.0	10
with locking levers,	without strain relief	ST 70.7 / 6 RV	Z5.571.8656.0	10
Female insert				
without locking levers,	with strain relief	BU 70.7 / 6 REVZ	Z5.570.4156.0	10
without locking levers,	without strain relief	BU 70.7 / 6 REV	Z5.570.5156.0	10
with locking levers,	with strain relief	BU 70.7 / 6 RVZ	Z5.570.6656.0	10
with locking levers,	without strain relief	BU 70.7 / 6 RV	Z5.570.8656.0	10
Multipole adapter *revos* BASIC 500 V		**10-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 70.7 / 10 REVZ	Z5.571.4256.0	10
without locking levers,	without strain relief	ST 70.7 / 10 REV	Z5.571.5256.0	10
with locking levers,	with strain relief	ST 70.7 / 10 RVZ	Z5.571.6756.0	10
with locking levers,	without strain relief	ST 70.7 / 10 RV	Z5.571.8756.0	10
Female insert				
without locking levers,	with strain relief	BU 70.7 / 10 REVZ	Z5.570.4256.0	10
without locking levers,	without strain relief	BU 70.7 / 10 REV	Z5.570.5256.0	10
with locking levers,	with strain relief	BU 70.7 / 10 RVZ	Z5.570.6756.0	10
with locking levers,	without strain relief	BU 70.7 / 10 RV	Z5.570.8756.0	10
Multipole adapter *revos* BASIC 500 V		**16-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 70.7 / 16 REVZ	Z5.571.4056.0	10
without locking levers,	without strain relief	ST 70.7 / 16 REV	Z5.571.5056.0	10
with locking levers,	with strain relief	ST 70.7 / 16 RVZ	Z5.571.6556.0	10
with locking levers,	without strain relief	ST 70.7 / 16 RV	Z5.571.8556.0	10
Female insert				
without locking levers,	with strain relief	BU 70.7 / 16 REVZ	Z5.570.4056.0	10
without locking levers,	without strain relief	BU 70.7 / 16 REV	Z5.570.5056.0	10
with locking levers,	with strain relief	BU 70.7 / 16 RVZ	Z5.570.6556.0	10
with locking levers,	without strain relief	BU 70.7 / 16 RV	Z5.570.8556.0	10
Multipole adapter *revos* BASIC 500 V		**24-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 70.7 / 24 REVZ	Z5.571.4356.0	10
without locking levers,	without strain relief	ST 70.7 / 24 REV	Z5.571.5356.0	10
with locking levers,	with strain relief	ST 70.7 / 24 RVZ	Z5.571.6856.0	10
with locking levers,	without strain relief	ST 70.7 / 24 RV	Z5.571.8856.0	10
Female insert				
without locking levers,	with strain relief	BU 70.7 / 24 REVZ	Z5.570.4356.0	10
without locking levers,	without strain relief	BU 70.7 / 24 REV	Z5.570.5356.0	10
with locking levers,	with strain relief	BU 70.7 / 24 RVZ	Z5.570.6856.0	10
with locking levers,	without strain relief	BU 70.7 / 24 RV	Z5.570.8856.0	10

Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 4 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Temperature range	-40 … +120 °C

The mounting application may influence the air and creepage distances and thus the rated voltage.

Subject to change without further notice

Contacts, Dimensions

Contacts revos BASIC

tin-plated

silver-plated

gold-plated

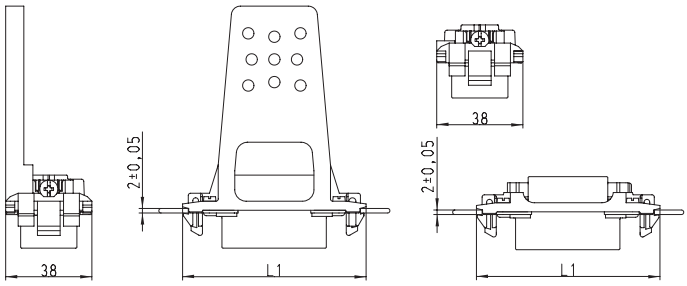
Example:
Female insert, silver-plated, 1.5 mm²
Part No. 02.123.7202.0

Description	Type	Part No.	P.U.
Contacts for crimp connection	mm² / AWG		
Male insert	0.5 / 20	05.543.70xx.0	200
Female insert	0.5 / 20	02.123.70xx.0	200
Male insert	0.75 – 1 / 18	05.543.71xx.0	200
Female insert	0.75 – 1 / 18	02.123.71xx.0	200
Male insert	1.5 / 16	05.543.72xx.0	200
Female insert	1.5 / 16	02.123.72xx.0	200
Male insert	2.5 / 14	05.543.73xx.0	200
Female insert	2.5 / 14	02.123.73xx.0	200
Male insert	4 / 12	05.543.74xx.0	200
Female insert	4 / 12	02.123.74xx.0	200
Surface	tin-plated xx = 21 / silver-plated xx = 02 / gold-plated xx = 01		

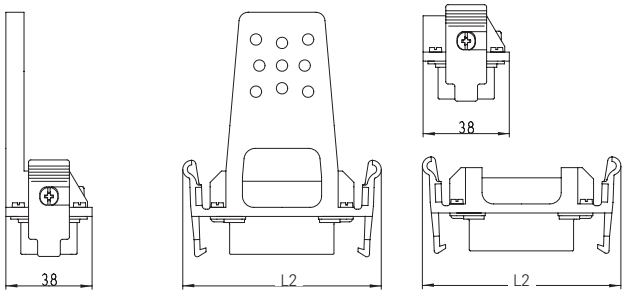
Technical data	
Contacts	
Material	Copper alloy
Surface	Sn, Ag, Au
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	Sn 200

Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"3"	05.502.3300.0	1
Extraction tool		05.502.3500.0	1

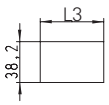
without locking levers, with and without strain relief



with locking levers, with and without strain relief



Sheet metal cutout for trigger action frame



sheet metal thickness
2 ± 0.05 mm

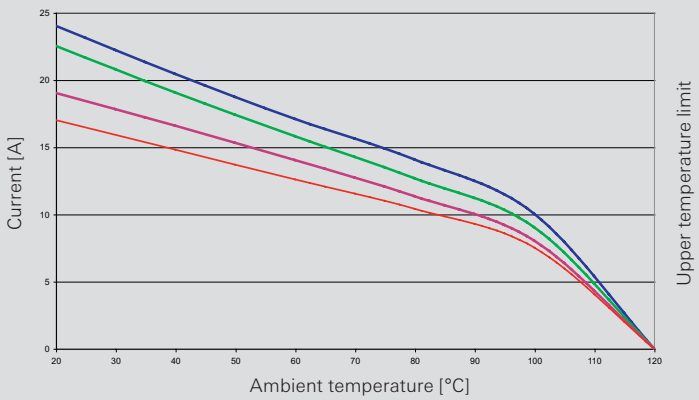
Number of poles	L1 [mm]	L2 [mm]	L3 [mm]
6	67.5	74.1	62.5
10	80.9	87.5	75.9
16	101.0	106.5	96.0
24	127.8	134.4	122.8

Derating curve

according to IEC 60512 sec. 3

revos BASIC crimp version
500 V / 16 A / 1.5 mm²

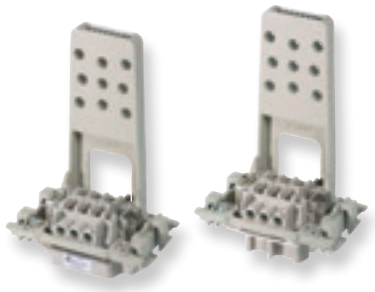
- 6-pole
- 10-pole
- 16-pole
- 24-pole



Connector with trigger action frame 690 V, screw connection

Trigger action frame *revos* BASIC

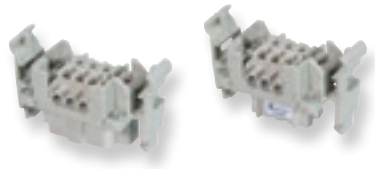
without locking levers with strain relief



without locking levers without strain relief

with locking levers with strain relief

with locking levers without strain relief



Description		Type	Part No.	P.U.
Trigger action frame *revos* BASIC 690 V		**6-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 72.3 / 6 REVZ	Z5.571.0656.0	10
without locking levers,	without strain relief	ST 72.3 / 6 REV	Z5.571.1656.0	10
with locking levers,	with strain relief	ST 72.3 / 6 RVZ	Z5.571.2656.0	10
with locking levers,	without strain relief	ST 72.3 / 6 RV	Z5.571.3656.0	10
Female insert				
without locking levers,	with strain relief	BU 72.3 / 6 REVZ	Z5.570.0656.0	10
without locking levers,	without strain relief	BU 72.3 / 6 REV	Z5.570.1656.0	10
with locking levers,	with strain relief	BU 72.3 / 6 RVZ	Z5.570.2656.0	10
with locking levers,	without strain relief	BU 72.3 / 6 RV	Z5.570.3656.0	10
Multipole adapter *revos* BASIC 690 V		**10-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 72.3 / 10 REVZ	Z5.571.0756.0	10
without locking levers,	without strain relief	ST 72.3 / 10 REV	Z5.571.1756.0	10
with locking levers,	with strain relief	ST 72.3 / 10 RVZ	Z5.571.2756.0	10
with locking levers,	without strain relief	ST 72.3 / 10 RV	Z5.571.3756.0	10
Female insert				
without locking levers,	with strain relief	BU 72.3 / 10 REVZ	Z5.570.0756.0	10
without locking levers,	without strain relief	BU 72.3 / 10 REV	Z5.570.1756.0	10
with locking levers,	with strain relief	BU 72.3 / 10 RVZ	Z5.570.2756.0	10
with locking levers,	without strain relief	BU 72.3 / 10 RV	Z5.570.3756.0	10
Multipole adapter *revos* BASIC 690 V		**16-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 72.3 / 16 REVZ	Z5.571.0556.0	10
without locking levers,	without strain relief	ST 72.3 / 16 REV	Z5.571.1556.0	10
with locking levers,	with strain relief	ST 72.3 / 16 RVZ	Z5.571.2556.0	10
with locking levers,	without strain relief	ST 72.3 / 16 RV	Z5.571.3556.0	10
Female insert				
without locking levers,	with strain relief	BU 72.3 / 16 REVZ	Z5.570.0556.0	10
without locking levers,	without strain relief	BU 72.3 / 16 REV	Z5.570.1556.0	10
with locking levers,	with strain relief	BU 72.3 / 16 RVZ	Z5.570.2556.0	10
with locking levers,	without strain relief	BU 72.3 / 16 RV	Z5.570.3556.0	10
Multipole adapter *revos* BASIC 690 V		**24-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 72.3 / 24 REVZ	Z5.571.0856.0	10
without locking levers,	without strain relief	ST 72.3 / 24 REV	Z5.571.1856.0	10
with locking levers,	with strain relief	ST 72.3 / 24 RVZ	Z5.571.2856.0	10
with locking levers,	without strain relief	ST 72.3 / 24 RV	Z5.571.3856.0	10
Female insert				
without locking levers,	with strain relief	BU 72.3 / 24 REVZ	Z5.570.0856.0	10
without locking levers,	without strain relief	BU 72.3 / 24 REV	Z5.570.1856.0	10
with locking levers,	with strain relief	BU 72.3 / 24 RVZ	Z5.570.2856.0	10
with locking levers,	without strain relief	BU 72.3 / 24 RV	Z5.570.3856.0	10

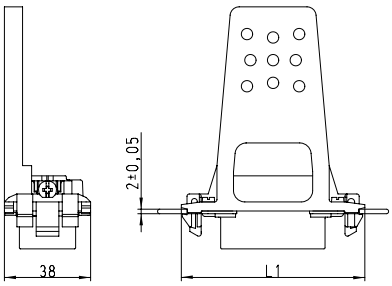
Technical data	
Rated voltage	690 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	H1 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

The mounting application may influence the air and creepage distances and thus the rated voltage.

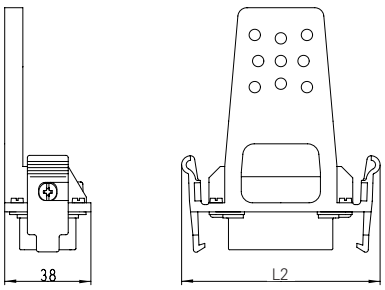
Subject to change without further notice

Dimensions

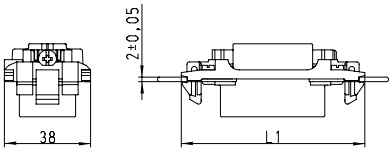
without locking levers with strain relief



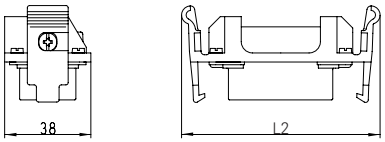
with locking levers with strain relief



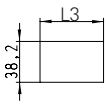
without locking levers without strain relief



with locking levers without strain relief



Sheet metal cutout for trigger action frame



sheet metal thickness
2 ± 0.05 mm

Number of poles	L1 [mm]	L2 [mm]	L3 [mm]
6	67.5	74.1	62.5
10	80.9	87.5	75.9
16	101.0	106.5	96.0
24	127.8	134.4	122.8

Multipole adapter with trigger action frame 690 V, with and without locking levers, screw connection

Multipole adapter *revos* BASIC

without locking levers

with locking levers

without locking levers

with locking levers

Description		Type				Part No.	P.U.
Multipole adapter *revos* BASIC 690 V		**6-pole + ground**					
Male insert							
without locking levers,	ground right	ST	72.1 / 6	REV	WR	Z5.573.1656.0	10
without locking levers,	ground right, with U-foot	ST	72.1 / 6	REV	U WR	Z5.573.5656.0	10
without locking levers,	ground left	ST	72.1 / 6	REV	WL	Z5.573.0656.0	10
without locking levers,	ground left, with U-foot	ST	72.1 / 6	REV	U WL	Z5.573.4656.0	10
with locking levers,	ground right	ST	72.1 / 6	RV	WR	Z5.573.3656.0	10
with locking levers,	ground right, with U-foot	ST	72.1 / 6	RV	U WR	Z5.573.7656.0	10
with locking levers,	ground left	ST	72.1 / 6	RV	WL	Z5.573.2656.0	10
with locking levers,	ground left, with U-foot	ST	72.1 / 6	RV	U WL	Z5.573.6656.0	10
Female insert							
without locking levers,	ground right	BU	72.1 / 6	REV	WR	Z5.572.1656.0	10
without locking levers,	ground right, with U-foot	BU	72.1 / 6	REV	U WR	Z5.572.5656.0	10
without locking levers,	ground left	BU	72.1 / 6	REV	WL	Z5.572.0656.0	10
without locking levers,	ground left, with U-foot	BU	72.1 / 6	REV	U WL	Z5.572.4656.0	10
with locking levers,	ground right	BU	72.1 / 6	RV	WR	Z5.572.3656.0	10
with locking levers,	ground right, with U-foot	BU	72.1 / 6	RV	U WR	Z5.572.7656.0	10
with locking levers,	ground left	BU	72.1 / 6	RV	WL	Z5.572.2656.0	10
with locking levers,	ground left, with U-foot	BU	72.1 / 6	RV	U WL	Z5.572.6656.0	10
Multipole adapter *revos* BASIC 690 V		**10-pole + ground**					
Male insert							
without locking levers,	ground right	ST	72.1 / 10	REV	WR	Z5.573.1756.0	10
without locking levers,	ground right, with U-foot	ST	72.1 / 10	REV	U WR	Z5.573.5756.0	10
without locking levers,	ground left	ST	72.1 / 10	REV	WL	Z5.573.0756.0	10
without locking levers,	ground left, with U-foot	ST	72.1 / 10	REV	U WL	Z5.573.4756.0	10
with locking levers,	ground right	ST	72.1 / 10	RV	WR	Z5.573.3756.0	10
with locking levers,	ground right, with U-foot	ST	72.1 / 10	RV	U WR	Z5.573.7756.0	10
with locking levers,	ground left	ST	72.1 / 10	RV	WL	Z5.573.2756.0	10
with locking levers,	ground left, with U-foot	ST	72.1 / 10	RV	U WL	Z5.573.6756.0	10
Female insert							
without locking levers,	ground right	BU	72.1 / 10	REV	WR	Z5.572.1756.0	10
without locking levers,	ground right, with U-foot	BU	72.1 / 10	REV	U WR	Z5.572.5756.0	10
without locking levers,	ground left	BU	72.1 / 10	REV	WL	Z5.572.0756.0	10
without locking levers,	ground left, with U-foot	BU	72.1 / 10	REV	U WL	Z5.572.4756.0	10
with locking levers,	ground right	BU	72.1 / 10	RV	WR	Z5.572.3756.0	10
with locking levers,	ground right, with U-foot	BU	72.1 / 10	RV	U WR	Z5.572.7756.0	10
with locking levers,	ground left	BU	72.1 / 10	RV	WL	Z5.572.2756.0	10
with locking levers,	ground left, with U-foot	BU	72.1 / 10	RV	U WL	Z5.572.6756.0	10
Multipole adapter *revos* BASIC 690 V		**16-pole + ground**					
Male insert							
without locking levers,	ground right	ST	72.1 / 16	REV	WR	Z5.573.1556.0	10
without locking levers,	ground right, with U-foot	ST	72.1 / 16	REV	U WR	Z5.573.5556.0	10
without locking levers,	ground left	ST	72.1 / 16	REV	WL	Z5.573.0556.0	10
without locking levers,	ground left, with U-foot	ST	72.1 / 16	REV	U WL	Z5.573.4556.0	10
with locking levers,	ground right	ST	72.1 / 16	RV	WR	Z5.573.3556.0	10
with locking levers,	ground right, with U-foot	ST	72.1 / 16	RV	U WR	Z5.573.7556.0	10
with locking levers,	ground left	ST	72.1 / 16	RV	WL	Z5.573.2556.0	10
with locking levers,	ground left, with U-foot	ST	72.1 / 16	RV	U WL	Z5.573.6556.0	10
Female insert							
without locking levers,	ground right	BU	72.1 / 16	REV	WR	Z5.572.1556.0	10
without locking levers,	ground right, with U-foot	BU	72.1 / 16	REV	U WR	Z5.572.5556.0	10
without locking levers,	ground left	BU	72.1 / 16	REV	WL	Z5.572.0556.0	10
without locking levers,	ground left, with U-foot	BU	72.1 / 16	REV	U WL	Z5.572.4556.0	10
with locking levers,	ground right	BU	72.1 / 16	RV	WR	Z5.572.3556.0	10
with locking levers,	ground right, with U-foot	BU	72.1 / 16	RV	U WR	Z5.572.7556.0	10
with locking levers,	ground left	BU	72.1 / 16	RV	WL	Z5.572.2556.0	10
with locking levers,	ground left, with U-foot	BU	72.1 / 16	RV	U WL	Z5.572.6556.0	10
Multipole adapter *revos* BASIC 690 V		**24-pole + ground**					
Male insert							
without locking levers,	ground right	ST	72.1 / 24	REV	WR	Z5.573.1856.0	10
without locking levers,	ground right, with U-foot	ST	72.1 / 24	REV	U WR	Z5.573.5856.0	10
without locking levers,	ground left	ST	72.1 / 24	REV	WL	Z5.573.0856.0	10
without locking levers,	ground left, with U-foot	ST	72.1 / 24	REV	U WL	Z5.573.4856.0	10
with locking levers,	ground right	ST	72.1 / 24	RV	WR	Z5.573.3856.0	10
with locking levers,	ground right, with U-foot	ST	72.1 / 24	RV	U WR	Z5.573.7856.0	10
with locking levers,	ground left	ST	72.1 / 24	RV	WL	Z5.573.2856.0	10
with locking levers,	ground left, with U-foot	ST	72.1 / 24	RV	U WL	Z5.573.6856.0	10
Female insert							
without locking levers,	ground right	BU	72.1 / 24	REV	WR	Z5.572.1856.0	10
without locking levers,	ground right, with U-foot	BU	72.1 / 24	REV	U WR	Z5.572.5856.0	10
without locking levers,	ground left	BU	72.1 / 24	REV	WL	Z5.572.0856.0	10
without locking levers,	ground left, with U-foot	BU	72.1 / 24	REV	U WL	Z5.572.4856.0	10
with locking levers,	ground right	BU	72.1 / 24	RV	WR	Z5.572.3856.0	10
with locking levers,	ground right, with U-foot	BU	72.1 / 24	RV	U WR	Z5.572.7856.0	10
with locking levers,	ground left	BU	72.1 / 24	RV	WL	Z5.572.2856.0	10
with locking levers,	ground left, with U-foot	BU	72.1 / 24	RV	U WL	Z5.572.6856.0	10

Subject to change without further notice

Technical data, Dimensions

Multipole adapter *revos* BASIC

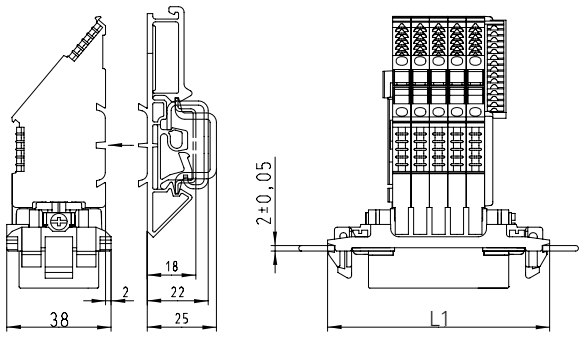
Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 4 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	12 mm
Contact resistance	≤ 3 mΩ
Mating cycles	200
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	M3 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 … +120 °C

Description	Type	Part No.	P.U.
Accessories			
Universal foot	23 mm wide	05.583.0053.0	50

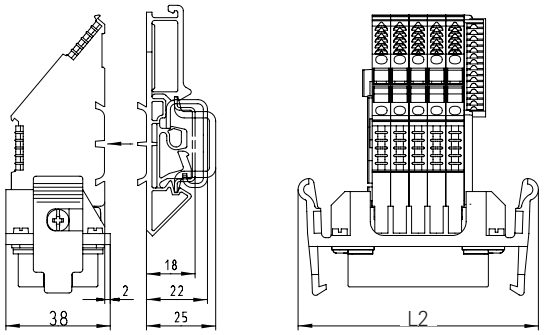
The mounting application may influence the air and creepage distances and thus the rated voltage.

Dimensions

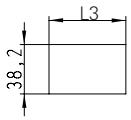
without locking levers



with locking levers



Sheet metal cutout for trigger action frame



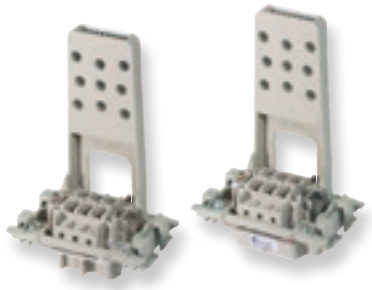
sheet metal thickness
2 ± 0.05 mm

Number of poles	L1 [mm]	L2 [mm]	L3 [mm]
6	67.5	74.1	62.5
10	80.9	87.5	75.9
16	101.0	106.5	96.0
24	127.8	134.4	122.8

Connector with trigger action frame 690 V, crimp connection

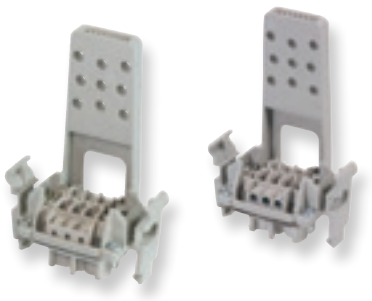
Trigger action frame *revos* BASIC

without locking levers with strain relief



without locking levers without strain relief

with locking levers with strain relief



with locking levers without strain relief

Description	Type	Part No.	P.U.
Trigger action frame *revos* BASIC 690 V	**6-pole + ground**		
Male insert			
without locking levers, with strain relief	ST 72.7 / 6 REVZ	Z5.571.4656.0	10
without locking levers, without strain relief	ST 72.7 / 6 REV	Z5.571.5656.0	10
with locking levers, with strain relief	ST 72.7 / 6 RVZ	Z5.571.7656.0	10
with locking levers, without strain relief	ST 72.7 / 6 RV	Z5.571.9656.0	10
Female insert			
without locking levers, with strain relief	BU 72.7 / 6 REVZ	Z5.570.4656.0	10
without locking levers, without strain relief	BU 72.7 / 6 REV	Z5.570.5656.0	10
with locking levers, with strain relief	BU 72.7 / 6 RVZ	Z5.570.7656.0	10
with locking levers, without strain relief	BU 72.7 / 6 RV	Z5.570.9656.0	10
Multipole adapter *revos* BASIC 690 V	**10-pole + ground**		
Male insert			
without locking levers, with strain relief	ST 72.7 / 10 REVZ	Z5.571.4756.0	10
without locking levers, without strain relief	ST 72.7 / 10 REV	Z5.571.5756.0	10
with locking levers, with strain relief	ST 72.7 / 10 RVZ	Z5.571.7756.0	10
with locking levers, without strain relief	ST 72.7 / 10 RV	Z5.571.9756.0	10
Female insert			
without locking levers, with strain relief	BU 72.7 / 10 REVZ	Z5.570.4756.0	10
without locking levers, without strain relief	BU 72.7 / 10 REV	Z5.570.5756.0	10
with locking levers, with strain relief	BU 72.7 / 10 RVZ	Z5.570.7756.0	10
with locking levers, without strain relief	BU 72.7 / 10 RV	Z5.570.9756.0	10
Multipole adapter *revos* BASIC 690 V	**16-pole + ground**		
Male insert			
without locking levers, with strain relief	ST 72.7 / 16 REVZ	Z5.571.4556.0	10
without locking levers, without strain relief	ST 72.7 / 16 REV	Z5.571.5556.0	10
with locking levers, with strain relief	ST 72.7 / 16 RVZ	Z5.571.7556.0	10
with locking levers, without strain relief	ST 72.7 / 16 RV	Z5.571.9556.0	10
Female insert			
without locking levers, with strain relief	BU 72.7 / 16 REVZ	Z5.570.4556.0	10
without locking levers, without strain relief	BU 72.7 / 16 REV	Z5.570.5556.0	10
with locking levers, with strain relief	BU 72.7 / 16 RVZ	Z5.570.7556.0	10
with locking levers, without strain relief	BU 72.7 / 16 RV	Z5.570.9556.0	10
Multipole adapter *revos* BASIC 690 V	**24-pole + ground**		
Male insert			
without locking levers, with strain relief	ST 72.7 / 24 REVZ	Z5.571.4856.0	10
without locking levers, without strain relief	ST 72.7 / 24 REV	Z5.571.5856.0	10
with locking levers, with strain relief	ST 72.7 / 24 RVZ	Z5.571.7856.0	10
with locking levers, without strain relief	ST 72.7 / 24 RV	Z5.571.9856.0	10
Female insert			
without locking levers, with strain relief	BU 72.7 / 24 REVZ	Z5.570.4856.0	10
without locking levers, without strain relief	BU 72.7 / 24 REV	Z5.570.5856.0	10
with locking levers, with strain relief	BU 72.7 / 24 RVZ	Z5.570.7856.0	10
with locking levers, without strain relief	BU 72.7 / 24 RV	Z5.570.9856.0	10

Technical data	
Rated voltage	690 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 4 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Temperature range	-40 … +120 °C

The mounting application may influence the air and creepage distances and thus the rated voltage.

Subject to change without further notice

Contacts, Dimensions

Contacts revos BASIC

tin-plated

silver-plated

gold-plated

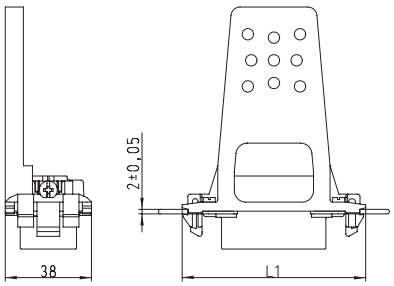
Example:
Female insert, silver-plated, 1.5 mm²
Part No. 02.123.7202.0

Description	Type	Part No.	P.U.
Contacts for crimp connection	mm² / AWG		
Male insert	0.5 / 20	05.543.70xx.0	200
Female insert	0.5 / 20	02.123.70xx.0	200
Male insert	0.75 – 1 / 18	05.543.71xx.0	200
Female insert	0.75 – 1 / 18	02.123.71xx.0	200
Male insert	1.5 / 16	05.543.72xx.0	200
Female insert	1.5 / 16	02.123.72xx.0	200
Male insert	2.5 / 14	05.543.73xx.0	200
Female insert	2.5 / 14	02.123.73xx.0	200
Male insert	4 / 12	05.543.74xx.0	200
Female insert	4 / 12	02.123.74xx.0	200
Surface	tin-plated xx = 21 / silver-plated xx = 02 / gold-plated xx = 01		
Connector switching contacts (2 contacts required)	0,5 / 20	05.543.9021.0	200
Connector switching contacts (2 contacts required)	0,75 – 1 / 18	05.543.9121.0	200
Connector switching contacts (2 contacts required)	1,5 / 16	05.543.9221.0	200
Connector switching contacts (2 contacts required)	2,5 / 14	05.543.9321.0	200
Connector switching contacts (2 contacts required)	4 / 12	05.543.9421.0	200

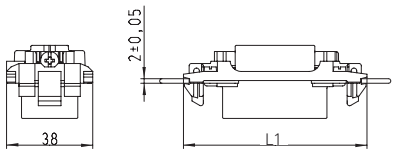
Technical data	
Contacts	
Material	Copper alloy
Surface	Sn, Au, Ag
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	Sn 200 / Au, Ag 500

Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"3"	05.502.3300.0	1
Extraction tool		05.502.3500.0	1

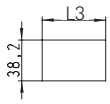
without locking levers with strain relief,



without locking levers without strain relief

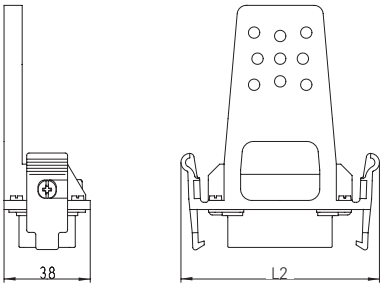


Sheet metal cutout for trigger action frame

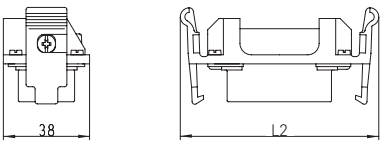


sheet metal thickness
2 ± 0.05 mm

with locking levers with strain relief,



with locking levers without strain relief,



Number of poles	L1 [mm]	L2 [mm]	L3 [mm]
6	67.5	74.1	62.5
10	80.9	87.5	75.9
16	101.0	106.5	96.0
24	127.8	134.4	122.8

Connector with trigger action frame 250 V, crimp connection

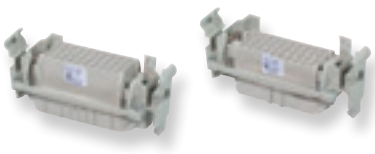
Trigger action frame *revos* HD

without locking levers with strain relief

without locking levers without strain relief

with locking levers with strain relief

with locking levers without strain relief



Description		Type	Part No.	P.U.
Trigger action frame *revos* HD 250 V		**40-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 73.7 / 40 REVZ	Z5.571.6056.0	10
without locking levers,	without strain relief	ST 73.7 / 40 REV	Z5.571.7056.0	10
with locking levers,	with strain relief	ST 73.7 / 40 RVZ	Z5.571.8056.0	10
with locking levers,	without strain relief	ST 73.7 / 40 RV	Z5.571.9056.0	10
Female insert				
without locking levers,	with strain relief	BU 73.7 / 40 REVZ	Z5.570.6056.0	10
without locking levers,	without strain relief	BU 73.7 / 40 REV	Z5.570.7056.0	10
with locking levers,	with strain relief	BU 73.7 / 40 RVZ	Z5.570.8056.0	10
with locking levers,	without strain relief	BU 73.7 / 40 RV	Z5.570.9056.0	10
Multipole adapter *revos* HD 250 V		**64-pole + ground**		
Male insert				
without locking levers,	with strain relief	ST 73.7 / 64 REVZ	Z5.571.6156.0	10
without locking levers,	without strain relief	ST 73.7 / 64 REV	Z5.571.7156.0	10
with locking levers,	with strain relief	ST 73.7 / 64 RVZ	Z5.571.8156.0	10
with locking levers,	without strain relief	ST 73.7 / 64 RV	Z5.571.9156.0	10
Female insert				
without locking levers,	with strain relief	BU 73.7 / 64 REVZ	Z5.570.6156.0	10
without locking levers,	without strain relief	BU 73.7 / 64 REV	Z5.570.7156.0	10
with locking levers,	with strain relief	BU 73.7 / 64 RVZ	Z5.570.8156.0	10
with locking levers,	without strain relief	BU 73.7 / 64 RV	Z5.570.9156.0	10
Contacts for crimp connection		mm^2 / AWG		
Male contact Sn, reel		0.2 – 0.56 / 24 – 20	05.544.0900.0	5000
Female contact Sn, reel		0.2 – 0.56 / 24 – 20	02.124.0900.0	5000
Male contact Sn, reel		0.75 – 1.5 / 18 – 16	05.544.1000.0	5000
Female contact Sn, reel		0.75 – 1.5 / 18 – 16	02.124.1000.0	5000
Male contact Sn, single		0.2 – 0.56 / 24 – 20	05.544.0929.0	200
Female contact Sn, single		0.2 – 0.56 / 24 – 20	02.124.0929.0	200
Male contact Sn, single		0.75 – 1.5 / 18 – 16	05.544.1029.0	200
Female contact Sn, single		0.75 – 1.5 / 18 – 16	02.124.1029.0	200
Male contact Au, reel		0.5 – 1.5 / 20 – 16	05.544.1400.0	5000
Female contact Au, reel		0.5 – 1.5 / 20 – 16	02.124.1400.0	5000
Male contact Au, single		0.5 – 1.5 / 20 – 16	05.544.1429.0	200
Female contact Au, single		0.5 – 1.5 / 20 – 16	02.124.1429.0	200

Technical data	
Rated voltage	250 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	4 kV
Rated current	10 A
Degree of pollution	3
Rated cross section	
EN 60999	0.2 – 1.5 mm^2
UL	24 – 16 AWG
CSA	24 – 16 AWG
Contacts	
Material	-
Surface	-
Insulation strip length	4 mm
Contact resistance	≤ 4 mΩ
Mating cycles	Au 500 / Sn 50
Temperature range	-40 … +120 °C

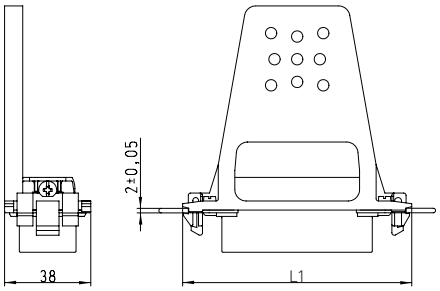
Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"E"	05.502.2400.0	1
Contact positioner	"2"	05.502.3200.0	1
Extraction tool		05.502.0000.0	1

The mounting application may influence the air and creepage distances and thus the rated voltage.

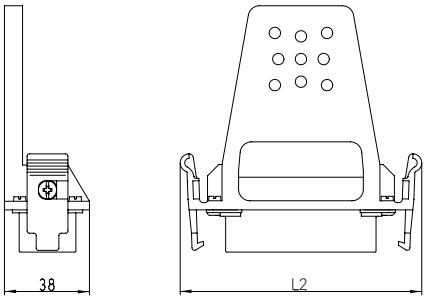
Subject to change without further notice

Dimensions

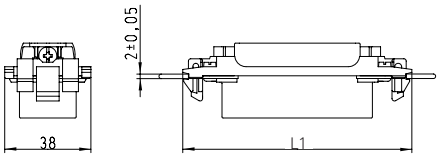
without locking levers with strain relief



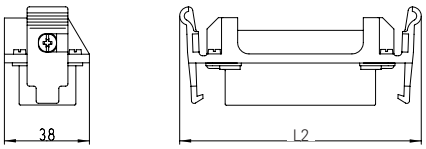
with locking levers with strain relief



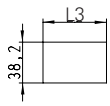
without locking levers without strain relief



with locking levers without strain relief



Sheet metal cutout for trigger action frame



sheet metal thickness
2 ± 0.05 mm

Number of poles	L1 [mm]	L2 [mm]	L3 [mm]
40	101.0	106.5	96.0
64	127.8	134.4	122.8

Multipole adapter with trigger action frame 250 V, screw connection

Multipole adapter *revos* HD

without locking levers

with locking levers

Description		Type	Part No.	P.U.
Multipole adapter *revos* HD 250 V		**40-pole + ground**		
Male insert				
without locking levers,	ground right	ST 73.1 / 40 REV WR	Z5.573.8356.0	4
without locking levers,	ground right, with U-foot	ST 73.1 / 40 REV U WR	Z5.573.9356.0	2
without locking levers,	ground left	ST 73.1 / 40 REV WL	Z5.573.8056.0	4
without locking levers,	ground left, with U-foot	ST 73.1 / 40 REV U WL	Z5.573.9156.0	2
with locking levers,	ground right	ST 73.1 / 40 RV WR	Z5.573.8956.0	4
with locking levers,	ground right, with U-foot	ST 73.1 / 40 RV U WR	Z5.573.9756.0	2
with locking levers,	ground left	ST 73.1 / 40 RV WL	Z5.573.8656.0	4
with locking levers,	ground left, with U-foot	ST 73.1 / 40 RV U WL	Z5.573.9556.0	2
Female insert				
without locking levers,	ground right	BU 73.1 / 40 REV WR	Z5.572.8356.0	4
without locking levers,	ground right, with U-foot	BU 73.1 / 40 REV U WR	Z5.572.9356.0	2
without locking levers,	ground left	BU 73.1 / 40 REV WL	Z5.572.8056.0	4
without locking levers,	ground left, with U-foot	BU 73.1 / 40 REV U WL	Z5.572.9156.0	2
with locking levers,	ground right	BU 73.1 / 40 RV WR	Z5.572.8956.0	4
with locking levers,	ground right, with U-foot	BU 73.1 / 40 RV U WR	Z5.572.9756.0	2
with locking levers,	ground left	BU 73.1 / 40 RV WL	Z5.572.8656.0	4
with locking levers,	ground left, with U-foot	BU 73.1 / 40 RV U WL	Z5.572.9556.0	2
Multipole adapter *revos* HD 250 V		**64-pole + ground**		
Male insert				
without locking levers,	ground right	ST 73.1 / 64 REV WR	Z5.573.8456.0	2
without locking levers,	ground right, with U-foot	ST 73.1 / 64 REV U WR	Z5.573.9456.0	2
without locking levers,	ground left	ST 73.1 / 64 REV WL	Z5.573.8156.0	2
without locking levers,	ground left, with U-foot	ST 73.1 / 64 REV U WL	Z5.573.9256.0	2
with locking levers,	ground right	ST 73.1 / 64 RV WR	Z5.573.9056.0	2
with locking levers,	ground right, with U-foot	ST 73.1 / 64 RV U WR	Z5.573.9856.0	2
with locking levers,	ground left	ST 73.1 / 64 RV WL	Z5.573.8756.0	2
with locking levers,	ground left, with U-foot	ST 73.1 / 64 RV U WL	Z5.573.9656.0	2
Female insert				
without locking levers,	ground right	BU 73.1 / 64 REV WR	Z5.572.8456.0	2
without locking levers,	ground right, with U-foot	BU 73.1 / 64 REV U WR	Z5.572.9456.0	2
without locking levers,	ground left	BU 73.1 / 64 REV WL	Z5.572.8156.0	2
without locking levers,	ground left, with U-foot	BU 73.1 / 64 REV U WL	Z5.572.9256.0	2
with locking levers,	ground right	BU 73.1 / 64 RV WR	Z5.572.9056.0	2
with locking levers,	ground right, with U-foot	BU 73.1 / 64 RV U WR	Z5.572.9856.0	2
with locking levers,	ground left	BU 73.1 / 64 RV WL	Z5.572.8756.0	2
with locking levers,	ground left, with U-foot	BU 73.1 / 64 RV U WL	Z5.572.9656.0	2

Technical data	
Rated voltage	250 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	4 kV
Rated current	10 A
Degree of pollution	3
Rated cross section	
EN 60999	0.2 – 1.5 mm²
UL	24 – 16 AWG
CSA	24 – 16 AWG
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	M3 / 0.8 – 1.0 Nm
Temperature range	-40 … +120 °C

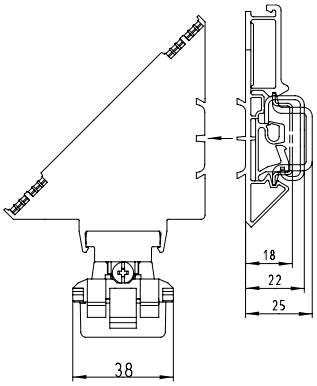
Description	Type	Part No.	P.U.
Accessories			
Universal foot	23 mm wide	05.583.0053.0	50

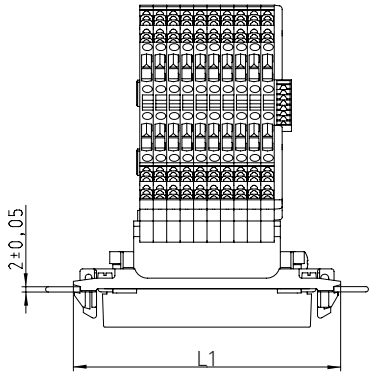
The mounting application may influence the air and creepage distances and thus the rated voltage.

Subject to change without further notice

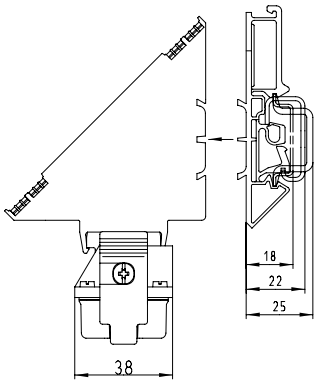
Dimensions

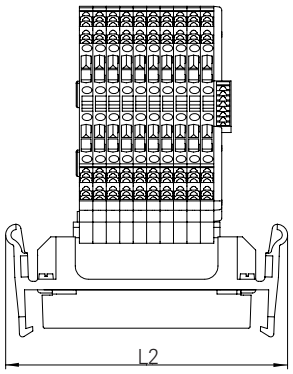
without locking levers



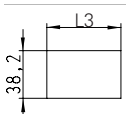


with locking levers





Sheet metal cutout for trigger action frame



sheet metal thickness
2 ± 0.05 mm

Number of poles	L1 [mm]	L2 [mm]	L3 [mm]
40	101.0	106.5	96.0
64	127.8	134.4	122.8

Data cable feed-through

Data cable feed-through *revos* IT

2 bushings

3 bushings

4 bushings

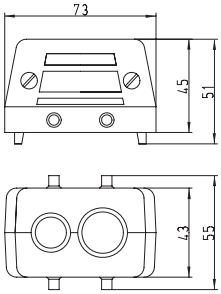
Description	Type	Part No.	P.U.
Data cable feed-through *revos* IT			
2 bushings, Size 10	IT DKE 10	70.060.1028.0	10
3 bushings, Size 16	IT DKE 16	70.060.1628.0	10
4 bushings, Size 24	IT DKE 24	70.060.2428.0	5
4 bushings, Size 24	IT DKE 24 R1	70.061.2428.0	5

Technical data	
Number of Bushings	
2 bushings	2
3 bushings	3
4 bushings	4
Cable diameter	
2 bushings	1 x 4.5 – 10 mm and 1 x 9 – 15 mm
3 bushings	2 x 4.5 – 10 mm and 1 x 9 – 15 mm
4 bushings (70.060.2428.0)	2 x 4.5 – 10 mm and 2 x 9 – 15 mm
4 bushings (70.061.2428.0)	4 x 4 – 9mm
Material	
Housing	Die cast aluminum
Gaskets	Neoprene (oil-resistant and anti-ageing)
Clamping screws	galvanically zinc-plated steel
Protection degree according to EN60529	IP 65
Temperature range	-40 … +100 °C

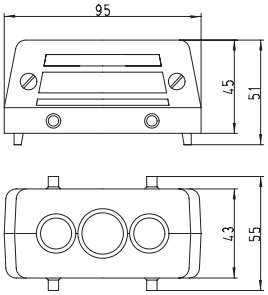
Description	Type	Part No.	P.U.
Accessories			
Rubber gasket for Connection range	4.5 mm – 10 mm	05.562.3183.0	20
Rubber gasket for Connection range	9 mm – 15 mm	05.562.3283.0	10
Housing Size 10		70.320.1028.0	
Housing Size 16		70.320.1628.0	
Housing Size 24		70.320.2428.0	

Dimensions

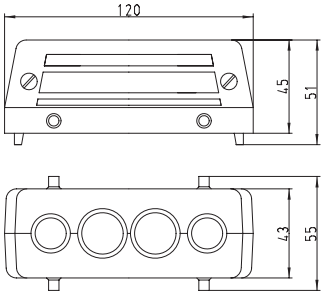
2 bushings

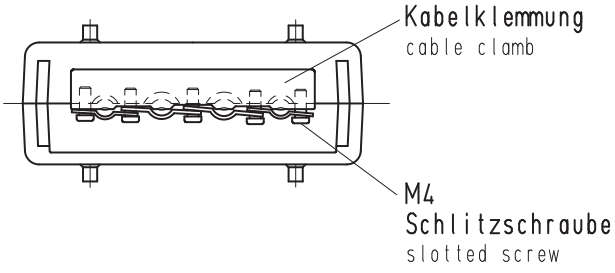


3 bushings



4 bushings





Subject to change without further notice

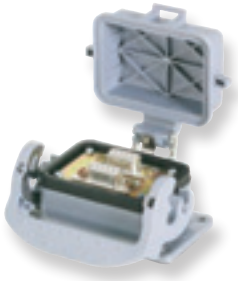
D-Sub connectors

D-Sub connectors
revos IT

Male

Female

Female

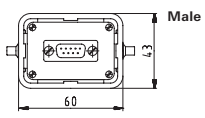


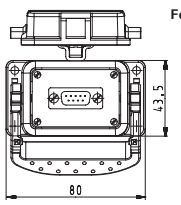
Description	Type	Part No.	P.U.
D-Sub connectors *revos* IT	**9-pole**		
Male, Size 6	IT GOSL 1 M20 0,5 4 AU	Z7.415.0235.0	10
Female, Size 6	IT GUBL 1 0,5 4 AU	Z7.415.0010.0	10
D-Sub connectors *revos* IT	**2 x 9-pole**		
Male, Size 6	IT GOSL 2 M20 0,5 4 AU	Z7.415.0335.0	10
Female, Size 6	IT GUBL 2 0,5 4 AU	Z7.415.0110.0	10
D-Sub connectors *revos* IT	**15-pole**		
Male, Size 6	IT GOSL 3 M20 0,5 4 AU	Z7.415.1035.0	10
Female, Size 6	IT GUBL 3 0,5 4 AU	Z7.415.0810.0	10
D-Sub connectors *revos* IT	**2 x 15-pole**		
Male, Size 6	IT GOSL 4 M20 0,5 4 AU	Z7.415.1135.0	10
Female, Size 6	IT GUBL 4 0,5 4 AU	Z7.415.0910.0	10
D-Sub connectors *revos* IT	**25-pole**		
Male, Size 10	IT GOSL 5 M20 0,5 4 AU	Z7.415.1935.0	10
Female, Size 10	IT GUBL 5 0,5 4 AU	Z7.415.1610.0	10
D-Sub connectors *revos* IT	**15 + 25-pole**		
Male, Size 10	IT GOSL 6 M20 0,5 4 AU	Z7.415.2135.0	10
Female, Size 10	IT GUBL 6 0,5 4 AU	Z7.415.1810.0	10
D-Sub connectors *revos* IT	**2 x 25-pole**		
Male, Size 10	IT GOSL 7 M20 0,5 4 AU	Z7.415.2035.0	10
Female, Size 10	IT GUBL 7 0,5 4 AU	Z7.415.1710.0	10
D-Sub connectors *revos* IT	**37-pole**		
Male, Size 16	IT GOSL 8 M20 0,5 4 AU	Z7.415.2635.0	10
Female, Size 16	IT GUBL 8 0,5 4 AU	Z7.415.2410.0	10
D-Sub connectors *revos* IT	**2 x 37-pole**		
Male, Size 16	IT GOSL 9 M20 0,5 4 AU	Z7.415.2735.0	10
Female, Size 16	IT GUBL 9 0,5 4 AU	Z7.415.2510.0	10
D-Sub connectors *revos* IT	**50-pole**		
Male, Size 16	IT GOSL 10 M20 0,5 4 AU	Z7.415.3335.0	10
Female, Size 16	IT GUBL 10 0,5 4 AU	Z7.415.3210.0	10
D-Sub connectors *revos* IT	**2 x 50-pole**		
Male, Size 16	IT GOSL 11 M20 0,5 4 AU	Z7.415.3535.0	10
Female, Size 16	IT GUBL 11 0,5 4 AU	Z7.415.3410.0	10

Technical data	
Rated voltage	40 V
Rated voltage according to UL/CSA	-
Rated impulse voltage	1 kV
Current carrying capability at 20 °C	5 A
Degree of pollution	2
Rated cross section	
EN 60947	Solder connection max. 0.5 mm²
UL	-
CSA	-
Contacts	hard gold plating over nickel plating
Temperature range	-40 … +100 °C

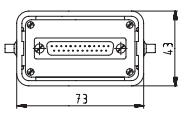
Dimensions

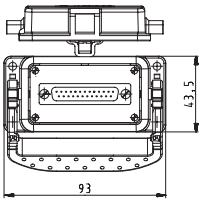
9-pole
Size 6



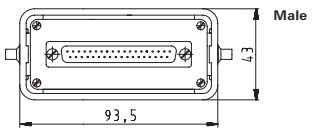


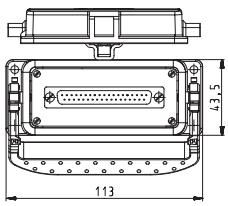
25-pole
Size 10





37-pole
Size 16





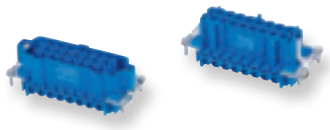
90 V contact inserts

Contact inserts *revos* Ex

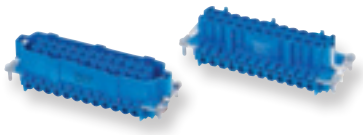
6-pole + ground
Size 6

10-pole + ground
Size 10

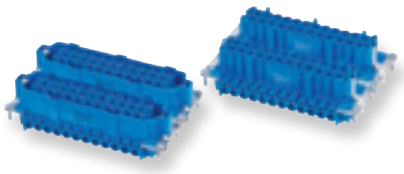
16-pole + ground
Size 16



24-pole + ground
Size 24



48-pole + ground
Size 48



Description	Type	Part No.	P.U.
Contact inserts *revos* Ex 90 V	**6-pole + ground**		
Male insert	EX STS 6 2,5 09IA	72.310.0653.9	10
Female insert	EX BUS 6 2,5 09IA	72.300.0653.9	10
Male insert, AU	EX STS 6 2,5 09IA AU	72.311.0653.9	10
Female insert, AU	EX BUS 6 2,5 09IA AU	72.301.0653.9	10
Contact inserts *revos* Ex 90 V	**10-pole + ground**		
Male insert	EX STS 10 2,5 09IA	72.310.1053.9	10
Female insert	EX BUS 10 2,5 09IA	72.300.1053.9	10
Male insert, AU	EX STS 10 2,5 09IA AU	72.311.1053.9	10
Female insert, AU	EX BUS 10 2,5 09IA AU	72.301.1053.9	10
Contact inserts *revos* Ex 90 V	**16-pole + ground**		
Male insert	EX STS 16 2,5 09IA	72.310.1653.9	10
Female insert	EX BUS 16 2,5 09IA	72.300.1653.9	10
Male insert, AU	EX STS 16 2,5 09IA AU	72.311.1653.9	10
Female insert, AU	EX BUS 16 2,5 09IA AU	72.301.1653.9	10
Contact inserts *revos* Ex 90 V	**24-pole + ground**		
Male insert	EX STS 24 2,5 09IA	72.310.2453.9	10
Female insert	EX BUS 24 2,5 09IA	72.300.2453.9	10
Male insert, AU	EX STS 24 2,5 09IA AU	72.311.2453.9	10
Female insert, AU	EX BUS 24 2,5 09IA AU	72.301.2453.9	10
Contact inserts *revos* Ex 90 V	**48-pole + ground**		
Male insert with wire protection, marked 1-24, 25-48	EX STS 48 2,5 09IA	72.310.4853.9	5
Female insert with wire protection, marked 1-24, 25-48	EX BUS 48 2,5 09IA	72.300.4853.9	5

Technical data	
Rated voltage	90 V
Rated voltage according to UL/CSA	-
Rated impulse voltage	-
Rated current	Dependent on the wire cross section*)
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm²
UL	-
CSA	-
Contacts	
Material	Copper alloy
Surface	Sn. Au
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	Sn 200 / Au 500
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	H1 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-20 … +60 °C

Housing *revos* Ex	Type	Page
Size	6Ex	226–229
Size	10Ex	230–233
Size	16Ex	234–237
Size	24Ex	238–241
Size	48Ex	242–245

See section "facts & DATA" for handling and assembly of the multipole connectors.

0344 Ex I M1 Ex ia I

BVS 03 **ATEX** 184 X

EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minimum protection rating of IP54 is maintained in accordance with EN 60529.
2. The heavy duty connectors can be used in an ambient temperature ranges from -20 °C to +60 °C.

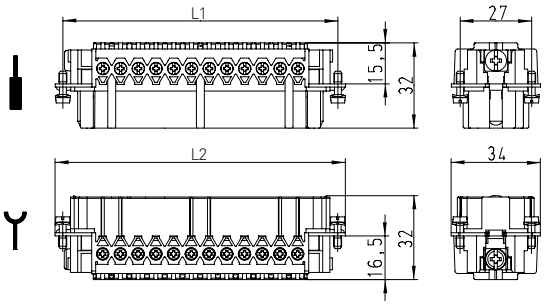
***Wire cross section**

Permitted wire cross section	**Max. input current**
1.5 mm² bis 2.5 mm²	16 A
1.0 mm²	10 A
0.75 mm²	6 A
0.5 mm²	3 A

Subject to change without further notice

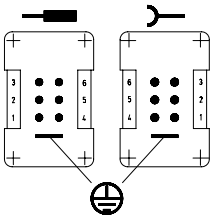
Dimensions

6-pole + ground – 48-pole + ground

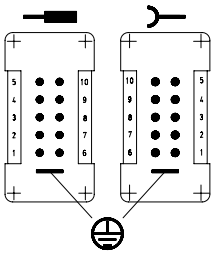


Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.0
16	77.5	83.0
24	104.0	110.0
48	104.0	110.0

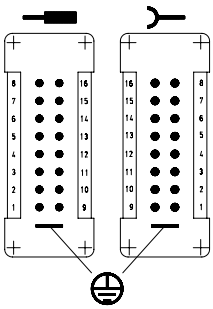
6-pole + ground



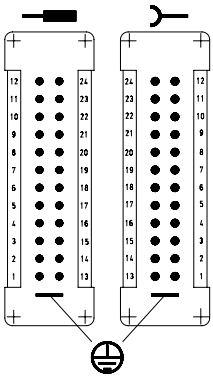
10-pole + ground



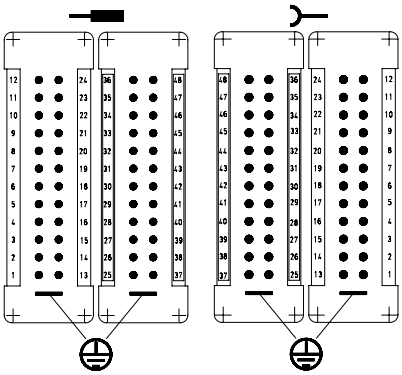
16-pole + ground



24-pole + ground



48-pole + ground



Modular connector system 3-pole

Modular inserts revos FLEX

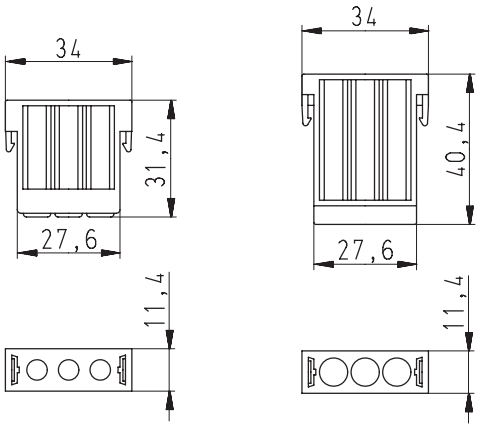
3-pole

Description	Type	Part No.	P.U.
Modular inserts revos FLEX	**3-pole**		
Male insert	FLE STC 3 69	78.014.0353.0	10
Female insert	FLE BUC 3 69	78.004.0353.0	10
Contacts	mm^2 / AWG, turned Ø 3.6 mm		
Male insert, Ag (Crimping die B)	1.5 / 16	05.544.1829.8	100
Female insert, Ag (Crimping die B)	1.5 / 16	02.125.2929.8	100
Male insert, Ag (Crimping die B)	2.5 / 14	05.544.1929.8	100
Female insert, Ag (Crimping die B)	2.5 / 14	02.125.3029.8	100
Male insert, Ag (Crimping die D)	4 / 12	05.544.3129.8	100
Female insert, Ag (Crimping die D)	4 / 12	02.125.3129.8	100
Male insert, Ag (Crimping die D)	6 / 10	05.544.3229.8	100
Female insert, Ag (Crimping die D)	6 / 10	02.125.3229.8	100
Male insert, Ag (Crimping die D)	10 / 8	05.544.3329.8	100
Female insert, Ag (Crimping die D)	10 / 8	02.125.3329.8	100

Technical data	
Rated voltage	630 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8 kV
Rated current	40 A (UL 40 A, CSA 35 A)
Degree of pollution	3
Insulation strip length	10 mm
Contact resistance	≤ 1 mΩ
Mating cycles	500
Insulating material	Polycarbonate, halogen-free
Flammability	UL 94 V-0
Temperature range	-40 … +120 °C
Derating curve	Page 113

Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Crimping die	"D"	05.502.2300.0	1
Contact positioner	"1"	05.502.3100.0	1
Extraction tool		05.502.0910.0	1
Extraction tool for modular inserts		05.502.1010.0	1

Dimensions



Subject to change without further notice

Modular connector system 4-pole + ground

Modular inserts *revos* FLEX

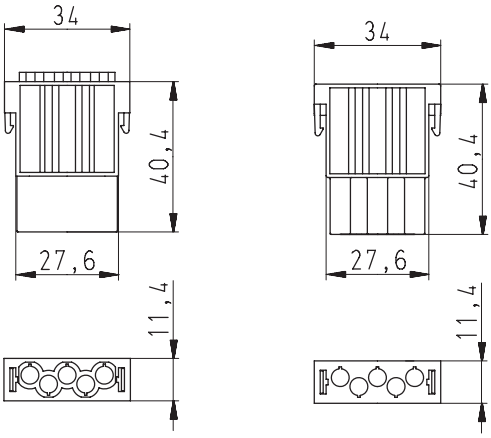
4-pole + ground

Description	Type	Part No.	P.U.
Modular inserts *revos* FLEX	**4-pole + ground**		
Male insert	FLE STC 4P 1K	78.013.0453.0	10
Female insert	FLE BUC 4P 1K	78.003.0453.0	10
Contacts	mm^2 / AWG, stamped Ø 2.5 mm		
Male insert, Ag	0.5 – 1.5 / 20 – 16	05.544.3429.8	100
Female insert, Ag	0.5 – 1.5 / 20 – 16	02.125.3429.8	100
Male insert, Ag	1.5 – 2.5 / 16 – 14	05.544.3529.8	100
Female insert, Ag	1.5 – 2.5 / 16 – 14	02.125.3529.8	100

Technical data	
Rated voltage	1000 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8 kV
Rated current	16 A (UL 13 A, CSA 16 A)
Degree of pollution	3
Insulation strip length	4 mm
Contact resistance	≤ 5 mΩ
Mating cycles	500
Insulating material	Polyamide 6.6 GF, halogen-free
Flammability	UL 94 V-0
Temperature range	-40 … +120 °C
Derating curve	Page 113

Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"C"	05.502.2200.0	1
Contact positioner	"2"	05.502.3200.0	1
Extraction tool		05.502.0610.0	1
Extraction tool for modular inserts		05.502.1010.0	1

Dimensions



Modular connector system 5-pole

Modular inserts revos FLEX

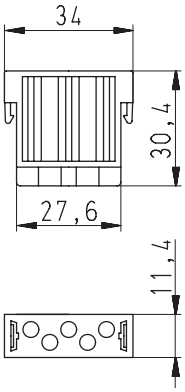
5-pole

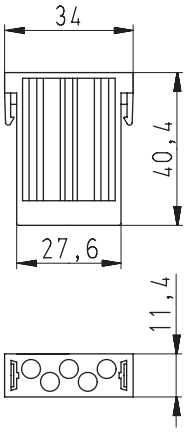
Description	Type	Part No.	P.U.
Modular inserts revos FLEX	**5-pole**		
Male insert	FLE STC 5 25	78.013.0553.0	10
Female insert	FLE BUC 5 5	78.003.0553.0	10
Contacts	mm^2 / AWG, turned Ø 2.5 mm		
Male insert, Ag	0.5 / 20	05.544.3629.8	100
Female insert, Ag	0.5 / 20	02.125.3629.8	100
Male insert, Ag	0.75 – 1.0 / 18	05.544.3729.8	100
Female insert, Ag	0.75 – 1.0 / 18	02.125.3729.8	100
Male insert, Ag	1.5 / 16	05.544.3829.8	100
Female insert, Ag	1.5 / 16	02.125.3829.8	100
Male insert, Ag	2.5 / 14	05.544.3929.8	100
Female insert, Ag	2.5 / 14	02.125.3929.8	100
Male insert, Ag	4 / 12	05.544.4029.8	100
Female insert, Ag	4 / 12	02.125.4029.8	100

Technical data	
Rated voltage	250 V
Rated voltage according to UL/CSA	UL 400 V, CSA 600 V
Rated impulse voltage	6 kV
Rated current	20 A (UL 20 A, CSA 16 A)
Degree of pollution	3
Insulation strip length	8 mm
Contact resistance	≤ 2 mΩ
Mating cycles	500
Insulating material	Polycarbonate, halogen-free
Flammability	UL 94 V-0
Temperature range	-40 … +120 °C
Derating curve	Page 113

Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"1"	05.502.3100.0	1
Extraction tool		05.502.0810.0	1
Extraction tool for modular inserts		05.502.1010.0	1

Dimensions





Subject to change without further notice

Modular connector system 10-pole

Modular inserts revos FLEX

10-pole

Description	Type	Part No.	P.U.
Modular inserts revos FLEX	**10-pole**		
Male insert	FLE STC 10 25	78.012.1053.0	10
Female insert	FLE BUC 10 25	78.002.1053.0	10

Technical data	
Rated voltage	250 V
Rated voltage according to UL/CSA	UL 240 V, CSA 600 V
Rated impulse voltage	4 kV
Rated current	10 A
Degree of pollution	3
Insulation strip length	8 mm
Contact resistance	≤ 5 mΩ
Mating cycles	500
Insulating material	Polycarbonate, halogen-free
Colour	gray
Flammability	UL 94 V-0
Temperature range	-40 … +120 °C
Derating curve	Page 105

Modular inserts revos FLEX	**10-pole**		
Male insert	FLE STC 10 40 sw	78.012.1053.1	10
Female insert	FLE BUC 10 40 sw	78.002.1053.1	10

Technical data	
Rated voltage	400 V
Rated voltage according to UL	UL 600 V
Rated impulse voltage	4 kV
Rated current	10 A
Degree of pollution	3
Insulation strip length	8 mm
Contact resistance	≤ 5 mΩ
Mating cycles	500
Insulating material	PA, halogen-free
Colour	black
Flammability	UL 94 V-0
Temperature range	-40 … +100 °C
Derating curve	Page 113

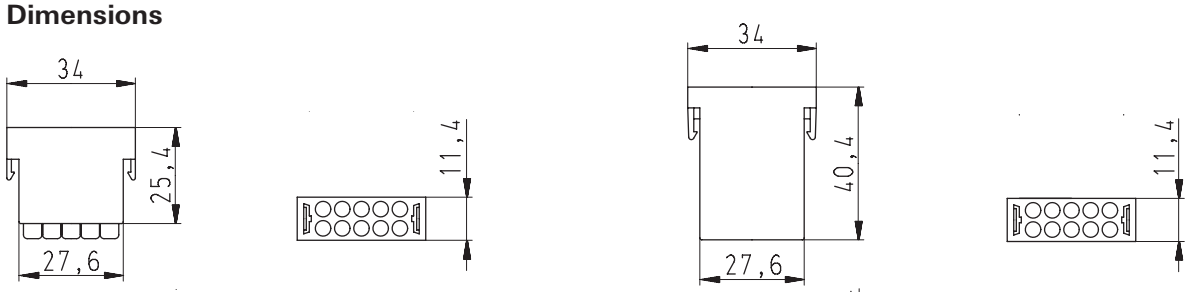
Modular inserts revos FLEX

10-pole

Description	Type	Part No.	P.U.
Contacts	mm² / AWG, turned Ø 1.6 mm		
Male insert, Ag	0.14 – 0.37 / 26 – 22	05.544.4129.8	100
Female insert, Ag	0.14 – 0.37 / 26 – 22	02.125.4129.8	100
Male insert, Ag	0.5 / 20	05.544.4229.8	100
Female insert, Ag	0.5 / 20	02.125.4229.8	100
Male insert, Ag	0.75 – 1.0 / 18	05.544.4329.8	100
Female insert, Ag	0.75 – 1.0 / 18	02.125.4329.8	100
Male insert, Ag	1.5 / 16	05.544.4429.8	100
Female insert, Ag	1.5 / 16	02.125.4429.8	100
Male insert, Ag	2.5 / 14	05.544.4529.8	100
Female insert, Ag	2.5 / 14	02.125.4529.8	100
Male insert, LWL POF	Ø 1.6 mm	05.544.8121.0	5
Female insert, LWL POF	Ø 1.6 mm	02.125.2421.0	5

Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"1"	05.502.3100.0	1
Extraction tool		05.502.0710.0	1
Extraction tool for modular inserts		05.502.1010.0	1
Set of tools for optical fiber POF contacts		95.101.2000.0	1

Dimensions



Modular connector system

Modular inserts revos FLEX

20-pole

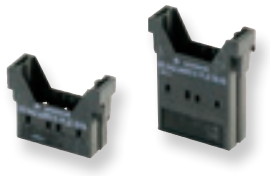
Description	Type	Part No.	P.U.
Modular inserts revos FLEX	**20-pole**		
Male insert	FLE STC 20 10	78.011.2053.0	10
Female insert	FLE BUC 20 10	78.001.2053.0	10
Contacts	mm^2 / AWG, stamped Ø 1.0 mm		
Male insert, Au	0.09 – 0.25 / 28 – 24	05.544.4629.7	100
Female insert, Au	0.09 – 0.25 / 28 – 24	02.125.4629.7	100
Male insert, Au	0.25 – 0.5 / 24 – 20	05.544.4729.7	100
Female insert, Au	0.25 – 0.5 / 24 – 20	02.125.4729.7	100

Technical data	
Rated voltage	100 V
Rated voltage according to UL/CSA	60 V
Rated impulse voltage	1,5 kV
Rated current	4 A (UL , CSA 5 A)
Degree of pollution	3
Insulation strip length	3 mm
Contact resistance	≤ 5 mΩ
Mating cycles	500
Insulating material	Polycarbonate, halogen-free
Flammability	UL 94 V-0
Temperature range	-40 … +120 °C
Derating curve	Page 113

Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"A"	05.502.2000.0	1
Contact positioner	"4"	05.502.3800.0	1
Extraction tool		05.502.0410.0	1
Extraction tool for modular inserts		05.502.1010.0	1

Modular inserts revos FLEX

Blind module

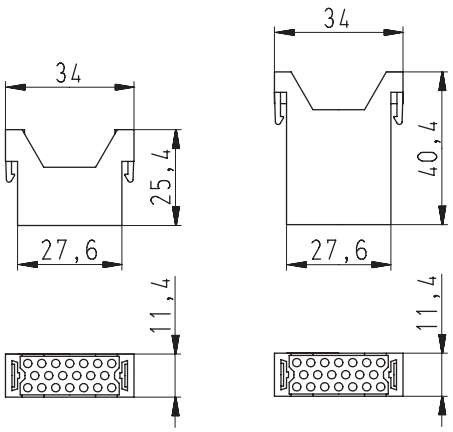


Description	Type	Part No.	P.U.
Modular inserts revos FLEX	**Blind module**		
Male		05.562.6353.0	10
Female		05.562.6453.0	10

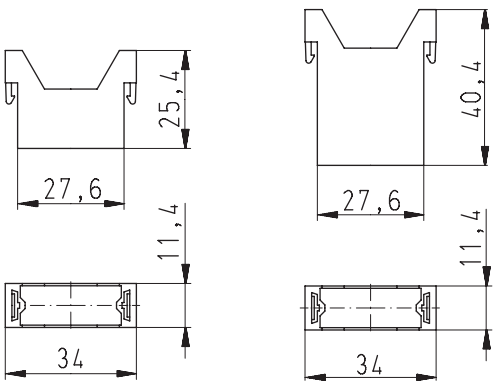
Technical data	
Insulating material	Polyamide 66, halogen-free
Flammability	UL 94 V-0
Temperature range	-40 … +120 °C

Dimensions

20-pole



Blind module

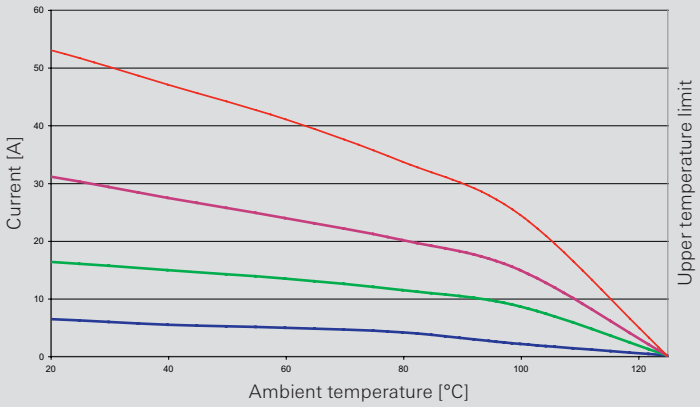


Subject to change without further notice

Derating curve

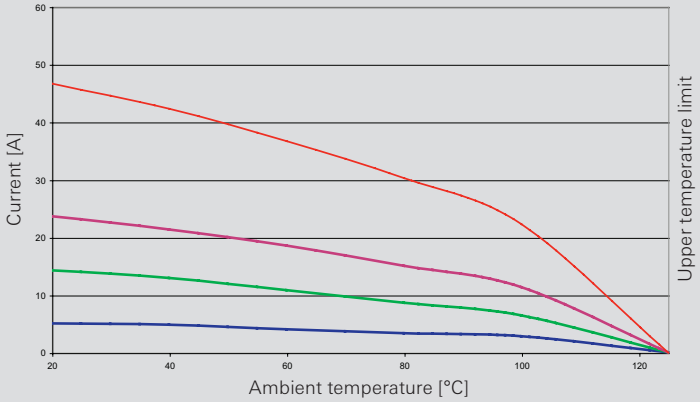
Derating curve
according to IEC 60512 sec. 3
revosFLEX
Size 6,
equipped with 2 modules

- Contact Ø 1 mm stamped, 0.5 mm², 2x20 poles
- Contact Ø 1.6 mm turned, 1.5 mm², 2x10 poles
- Contact Ø 2.5 mm turned, 2.5 mm², 2x5 poles
- Contact Ø 3.6 mm turned, 6 mm², 2x3 poles



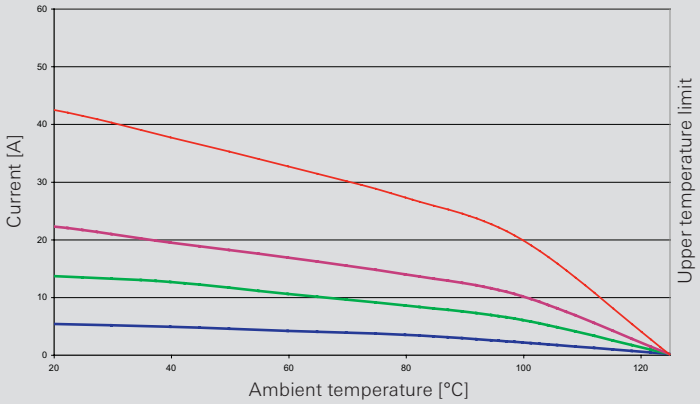
Derating curve
according to IEC 60512 sec. 3
revosFLEX
Size 10,
equipped with 3 modules

- Contact Ø 1 mm stamped, 0.5 mm², 3x20 poles
- Contact Ø 1.6 mm turned, 1.5 mm², 3x10 poles
- Contact Ø 2.5 mm turned, 2.5 mm², 3x5 poles
- Contact Ø 3.6 mm turned, 6 mm², 3x3 poles



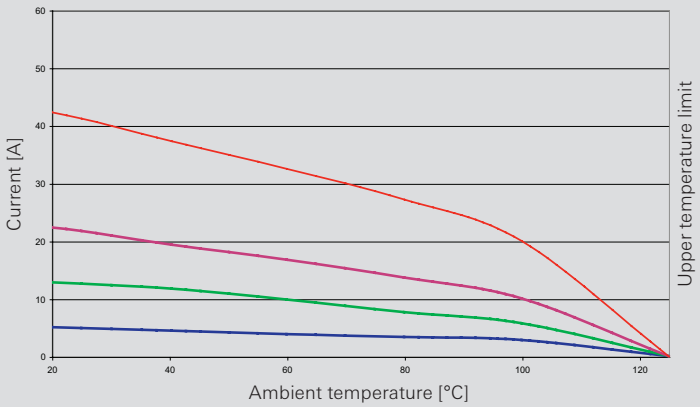
Derating curve
according to IEC 60512 sec. 3
revosFLEX
Size 16,
equipped with 5 modules

- Contact Ø 1 mm stamped, 0.5 mm², 5x20 poles
- Contact Ø 1.6 mm turned, 1.5 mm², 5x10 poles
- Contact Ø 2.5 mm turned, 2.5 mm², 5x5 poles
- Contact Ø 3.6 mm turned, 6 mm², 5x3 poles



Derating curve
according to IEC 60512 sec. 3
revosFLEX
Size 24,
equipped with 7 modules

- Contact Ø 1 mm stamped, 0.5 mm², 7x20 poles
- Contact Ø 1.6 mm turned, 1.5 mm², 7x10 poles
- Contact Ø 2.5 mm turned, 2.5 mm², 7x5 poles
- Contact Ø 3.6 mm turned, 6 mm², 7x3 poles



Modular connector system

Modular inserts revos FLEX

Pneumatic module 1 connection

Pneumatic module 2 connections

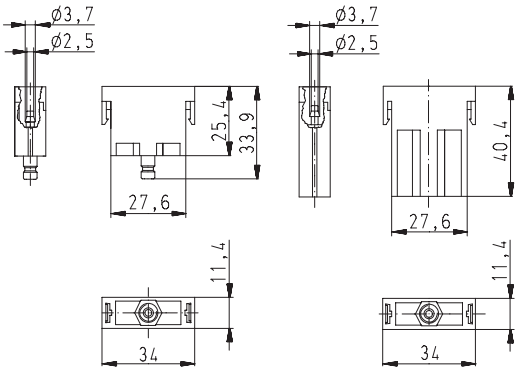
Description	Type	Part No.	P.U.
Modular inserts revos FLEX	**Pneumatic module Ø 2,5 mm**		
1 connection			
Male insert	FLE STP 1 2.5	78.913.0153.0	5
Female insert with valve	FLE BUP 1 2.5	78.903.0153.0	5
2 connections			
Male insert	FLE STP 2 2.5	78.913.0253.0	5
Female insert with valve	FLE BUP 2 2.5	78.903.0253.0	5
Modular inserts revos FLEX	**Pneumatic module Ø 4 mm**		
1 connection			
Male insert	FLE STP 1 4	78.914.0153.0	5
Female insert with valve	FLE BUP 1 4	78.904.0153.0	5
2 connections			
Male insert	FLE STP 2 4	78.914.0253.0	5
Female insert with valve	FLE BUP 2 4	78.904.0253.0	5

Technical data			
Hose connection	Type / Ø inside	Module Ø 2.5 mm / 2.5 mm	Module Ø 4 mm / 4 mm
Operational pressure		10 bar	
Material of the pneumatic contact		Brass MS 58	
Insulating material		Polyamide 6.6 GF	
Flammability class		UL 94 V-0	
Temperature range		-40 … +100 °C	

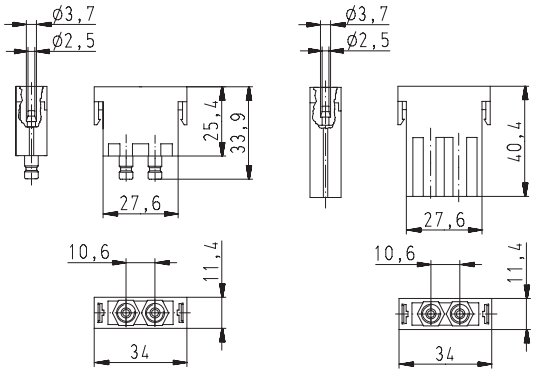
Dimensions

Pneumatic module Ø 2.5 mm

1 connection

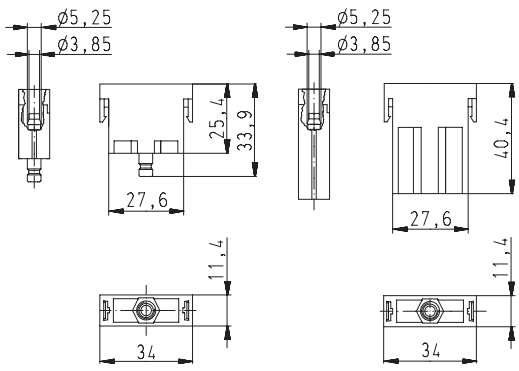


2 connections

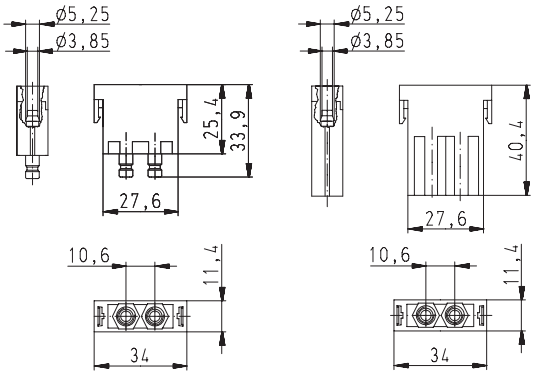


Pneumatic module Ø 4 mm

1 connection



2 connections



Subject to change without further notice

Modular connector system

Modular inserts revos FLEX

c UL us

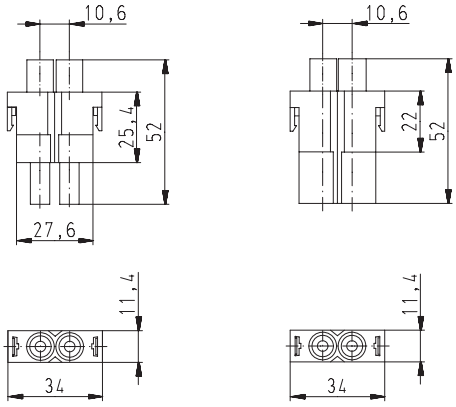
High voltage module 2-pole

Description	Type	Part No.	P.U.
Modular inserts revos FLEX	**2-pole**		
Male insert	FLE SUC 2 5K	78.013.0253.0	5
Female insert	FLE BUC 5 5K	78.003.0253.0	5
Contacts	mm^2 / AWG, turned Ø 2.5 mm		
Male insert, Ag	0.5 / 20	05.544.3629.8	100
Female insert, Ag	0.5 / 20	02.125.3629.8	100
Male insert, Ag	0.75 – 1.0 / 18	05.544.3729.8	100
Female insert, Ag	0.75 – 1.0 / 18	02.125.3729.8	100
Male insert, Ag	1.5 / 16	05.544.3829.8	100
Female insert, Ag	1.5 / 16	02.125.3829.8	100
Male insert, Ag	2.5 / 14	05.544.3929.8	100
Female insert, Ag	2.5 / 14	02.125.3929.8	100
Male insert, Ag	4 / 12	05.544.4029.8	100
Female insert, Ag	4 / 12	02.125.4029.8	100

Technical data	
Rated voltage	2.8 kV / 5.5 kV at pollution degree 2
Rated voltage according to UL/CSA	-
Rated impulse voltage	18 kV
Rated current	20 A
Degree of pollution	3
Insulating material	Polyamid 6.6
Flammability class	UL 94 V-0
Temperature range	-40 … +120 °C

Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"1"	05.502.3100.0	1
Extraction tool		05.502.0810.0	1
Extraction tool for modular inserts		05.502.1010.0	1

Dimensions



Modular connector system

Modular inserts revos FLEX

High current module 1-pole + ground

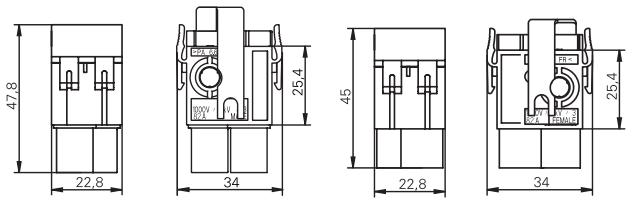
High current module 2-pole

Description	Type	Part No.	P.U.
Modular inserts revos FLEX	**1-pole + ground**		
Male insert	FLE STS 1P 25 1K AG	78.116.0153.0	5
Female insert	FLE BUS 1P 25 1K AG	78.106.0153.0	5
Modular inserts revos FLEX	**2-pole**		
Male insert	FLE STS 2 25 1K AG	78.116.0253.0	5
Female insert	FLE BUS 2 25 1K AG	78.106.0253.0	5

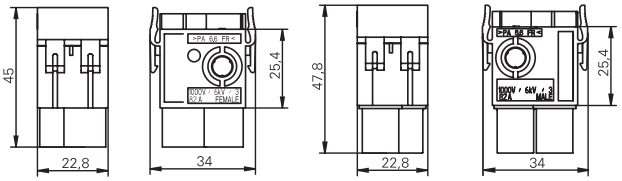
Technical data	
Rated voltage	1000 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8 kV
Rated current	82 A
Degree of pollution	3
Insulation strip length	15 mm
Rated cross section	
EN 60999	10 – 25 mm²
UL	8 – 4 AWG
CSA	8 – 4 AWG
Mating cycles	100
Contact resistance	≤ 2 mΩ
Surface	Ag
Insulating material	PA 6.6
Flammability	UL 94 V-0
Temperature range	-40 … +120 °C
Screws head design	Clamping screws M6
Recomm. torque	2.5 Nm slot

Dimensions

1-pole + ground



2-pole



Derating curve

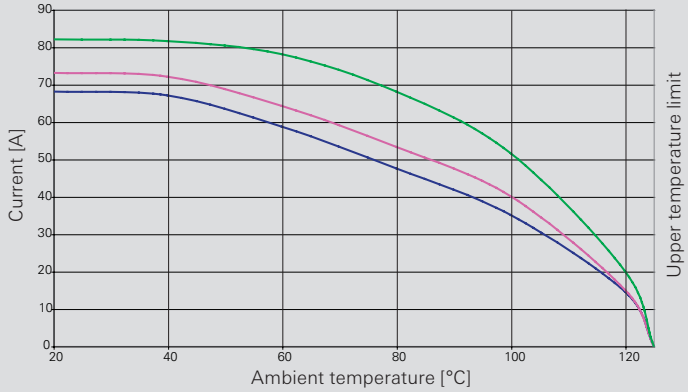
according to IEC 60512 sec. 3

revos FLEX

high voltage module 78.106/116.01/0253.0

1000 V / 82 A

- 10 mm²
- 16 mm²
- 25 mm²



Subject to change without further notice

Modular connector system

Modular inserts *revos* FLEX HC 1M

High current module with crimp connection

Description	Type	Part No.	P.U.
Modular inserts *revos* FLEX			
Male insert	FLE STC 2 16 1	78.014.0253.0	10
Female insert	FLE BUC 2 16 1	78.004.0253.0	10
Contacts	mm² / AWG, turned Ø 3,6 mm		
Male insert, Ag	16 / 6	05.546.3021.8	20
Female insert, Ag	16 / 6	02.126.9721.8	20

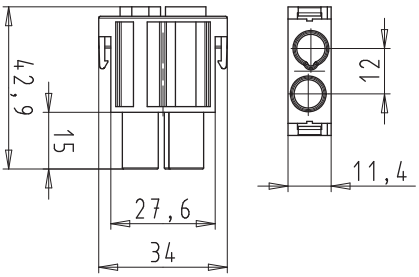
Technical data	
Rated voltage (EN 60664-1)	1000 V
Rated impulse voltage	8.0 kV
Degree of pollution	3
Overvoltage category	III
Rated current	65 A
Continuity resistor	< 1 mΩ
Insulation resistor	> 10^{12} Ω
Material	
Insulating housing	PA
Colour	black
Flammability	UL 94 V-0
Contacts	
Contact surface	silver plated
Rated cross-section	16 mm²
Numbers of poles	2
Mating cycles	500
Temperature range	-40 °C … + 120 °C

Description	Type	Part No.	P.U.
Accessoires			
Crimping tool		95.000.1000.0	1
Crimping die		on request	
Fork cable lug for protective earth connection 10 mm²		06.600.6127.6	10
Fork cable lug for protective earth connection 16 mm²		06.600.6227.6	10
Extraction tool		05.502.0910.0	1

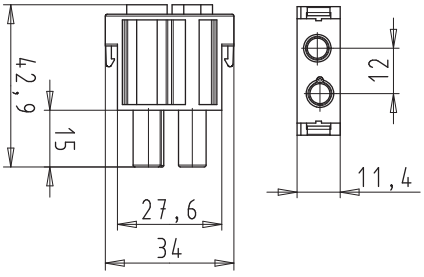
Klauke type 60/22-L pneumatic crimping tool can also be used.

Dimensions

Male insert



Female insert



General requirements

- Due to reduced cross sections at PE contacts of frames, the PE contact has to be additionally protected against short circuits by using a protection circuit offering a sufficiently short breaking time (< 0,25 s).
- Parts to be used as connectors, not as plug devices (connector with breaking capcity). Do not mate under current or voltage!

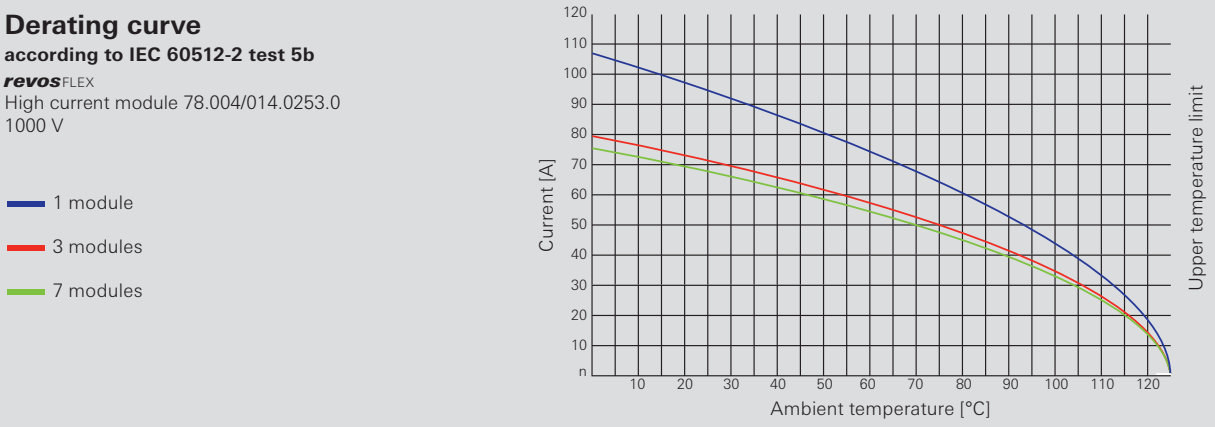
Derating curve

according to IEC 60512-2 test 5b

revos FLEX

High current module 78.004/014.0253.0

1000 V



Modular connector system

Modular inserts
revosFLEX HC **2M**

Description	Type	Part No.	P.U.
Modular inserts *revos*FLEX			
Male insert	FLE STC 2 35 1	78.016.0253.0	10
Female insert	FLE BUC 2 35 1	78.006.0253.0	10
Contacts	mm^2 / AWG, gedreht Ø 6 mm		
Male insert, Ag	16 / 6	05.546.2721.8	20
Female insert, Ag	16 / 6	02.126.7421.8	20
Male insert, Ag	25 / 4	05.546.2821.8	20
Female insert, Ag	25 / 4	02.126.7521.8	20
Male insert, Ag	35 / 2	05.546.2921.8	20
Female insert, Ag	35 / 2	02.126.7621.8	20

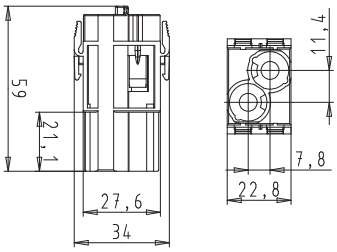
Technical data	
Rated voltage (EN 60664-1)	1000 V
Rated impulse voltage	8.0 kV
Degree of pollution	3
Overvoltage category	III
Rated current (ϑ_{amb} = 40 °C) & 35 mm^2 Leiter	150 A
Continuity resistor	< 1 mΩ
Insulation resistor	> 10^8 Ω
Material	
Insulating housing	PA
Colour	black
Flammability	UL 94 V-0
Contacts	
Contact surface	silver plated
Rated cross-section	16 / 25 / 35 mm^2
Numbers of poles	2
Mating cycles	500
Temperature range	-40 °C … + 120 °C

Description	Type	Part No.	P.U.
Zubehör			
Crimping tool		95.000.1000.0	1
Crimping die	for 16 mm^2	05.502.4600.0	1
Crimping die	for 25 mm^2	05.502.4700.0	1
Crimping die	for 35 mm^2	05.502.4800.0	1
Eyelet for PE connection		05.581.4027.6	10

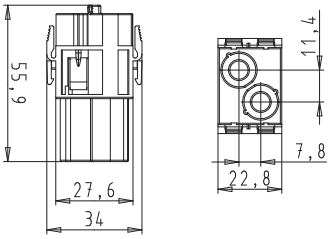
Klauke type 60/22-L pneumatic crimping tool can also be used.

Dimensions

Male insert



Female insert



General requirements

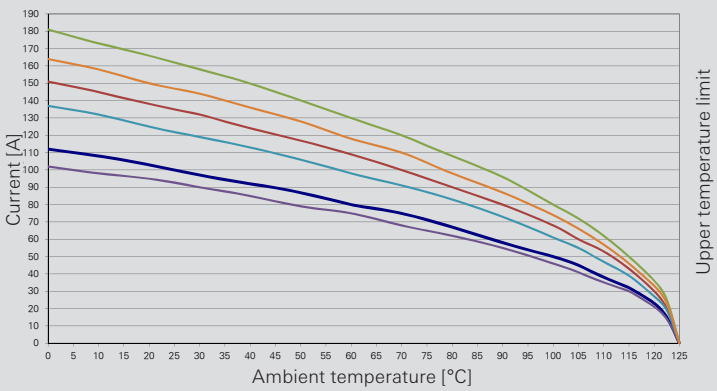
- Due to reduced cross sections at PE contacts of frames, the PE contact has to be additionally protected against short circuits by using a protection circuit offering a sufficiently short breaking time (< 0,25 s).
- Parts to be used as connectors, not as plug devices (connector with breaking capcity). Do not mate under current or voltage!

Derating curve
according to IEC 60512 sec. 3

revosFLEX

High current module 78.006/016.0253.0
1000 V / 150 A

- 2-pole / 16 mm^2
- 2-pole / 25 mm^2
- 2-pole / 35 mm^2
- 2 x 3-pole / 16 mm^2
- 2 x 3-pole / 25 mm^2
- 2 x 3-pole / 35 mm^2

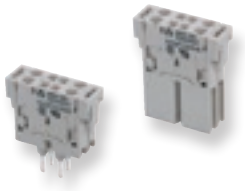


Subject to change without further notice

Modular connector system

Modular inserts revos FLEX

Spring clamp module 4-pole



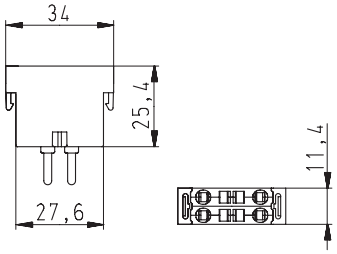
Description	Type	Part No.	P.U.
Modular inserts revos FLEX	**4-pole**		
Male insert	FLE STF 4 2,5 40 AG	78.213.0453.0	10
Female insert	FLE BUS 4 2,5 40 AG	78.203.0453.0	10

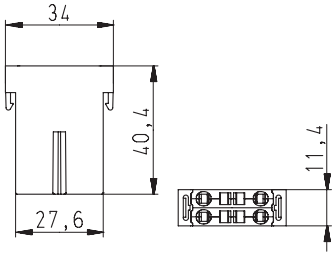
Technical data	
Rated voltage	400 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	14 A
Degree of pollution	3
Insulation strip length	10 mm
Rated cross section	
EN 60999	0.5 – 2.5 mm²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Mating cycles	200
Contact resistance	≤ 5 mΩ
Surface	Ag
Mating cycles	100
Insulating material	Polycarbonate. halogen-free
Flammability	UL 94 V-0
Temperature range	-40 … +120 °C

Description	Type	Part No.	P.U.
Accessories			
Screwdriver blade	DIN 5264 A 0,6 x 3,5 mm	06.502.4000.0	5

Dimensions

Spring clamp module 4-pole

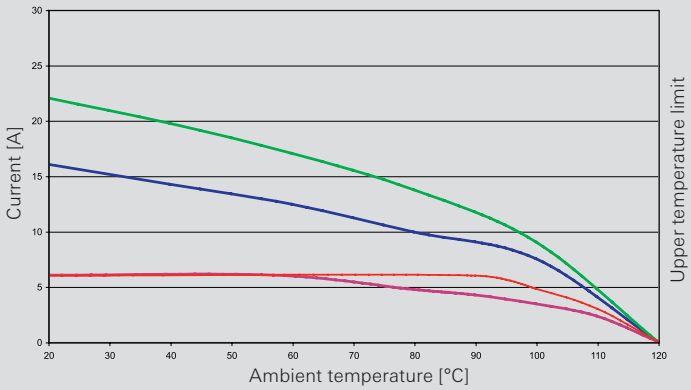




Derating curve

according to IEC 60512 sec. 3
revos FLEX 22

- 2.5 mm² highest number of pole (28-contacts / Size 24)
- 2.5 mm² highest number of pole (8-contacts / Size 6)
- 0.5 mm² highest number of pole (28-contacts / Size 24)
- 0.5 mm² highest number of pole (8-contacts / Size 6)



Modular connector system

Modular inserts revos FLEX

USB module

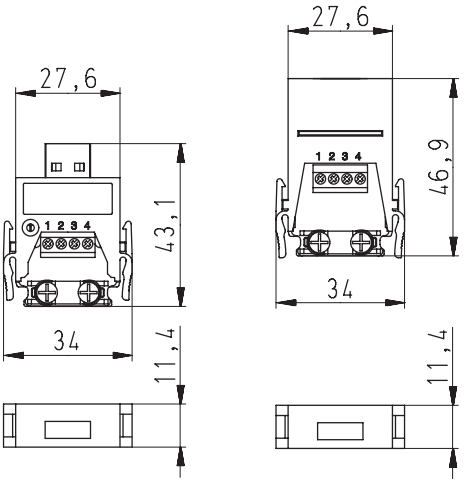
Profibus module

Description	Type	Part No.	P.U.
Modular inserts revos FLEX	**USB module**		
Male insert	FLE STK 4S 1,5 03 AU	78.111.0453.0	5
Female insert	FLE BUK 4S 1,5 03 AU	78.101.0453.0	5
Modular inserts revos FLEX	**Profibus module**		
Male insert	FLE STD 2S 1,5 03 AU	78.191.0453.0	5
Female insert	FLE BUD 2S 1,5 03 AU	78.181.0453.0	5

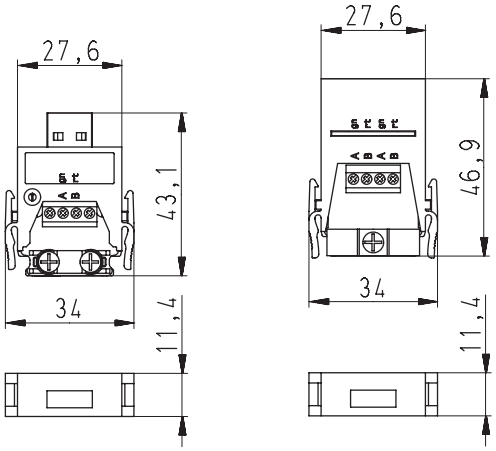
Technical data		
Rated voltage		30 V
Rated voltage according to UL/CSA		-
Conductor cross section		
USB module		0.8 – 1.5 mm² / 28 – 16 AWG
Profibus module		according to PROFIBUS DP regulations
Rated current		1 A
Number of poles		
USB module		4+screen
Profibus module		2+screen
Connection torques	screen / PCB connector	0.5 Nm / 0.2 Nm
Data transmission rate		
USB module		12 MBit/s
Profibus module		1.5 MBit/s
Insulating material		Polycarbonate
Flammability class of insulating housing		UL 94 V-0
Temperature range		-20 … +85 °C

Dimensions

USB module



Profibus module



Subject to change without further notice

Modular connector system

Modular inserts revos FLEX

RJ45 module

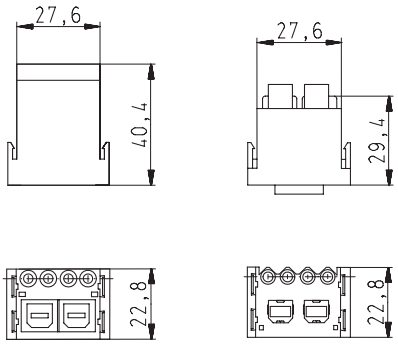
Description	Type	Part No.	P.U.
Modular inserts revos FLEX	**RJ45 module**		
Male insert	FLE SRC 4 40	78.930.0453.0	5
Female insert	FLE BRC 4 40	78.920.0453.0	5
Contacts	mm^2 / AWG, turned Ø 1.6 mm		
Male insert	0.14 – 0.37 / 26 – 22	05.544.4129.8	100
Female insert	0.14 – 0.37 / 26 – 22	02.125.4129.8	100
Male insert	0.5 / 20	05.544.4229.8	100
Female insert	0.5 / 20	02.125.4229.8	100
Male insert	0.75 – 1.0 / 18	05.544.4329.8	100
Female insert	0.75 – 1.0 / 18	02.125.4329.8	100
Male insert	1.5 / 16	05.544.4429.8	100
Female insert	1.5 / 16	02.125.4429.8	100
Male insert	2.5 / 14	05.544.4529.8	100
Female insert	2.5 / 14	02.125.4529.8	100
Male insert, LWL POF	Ø 1.6 mm	05.544.8121.0	5
Female insert, LWL POF	Ø 1.6 mm	02.125.2421.0	5

Technical data	
Rated voltage	Data 30 V / power contacts 400 V
Transmission rate	according to Category 5, ≤ 100 MBit/s
Rated current	Data 1 A / power contacts 10 A
Degree of pollution	3
Insulating material	Polyamide 6.6
Flammability	UL 94 V-0
Temperature range	-20 … +80 °C

Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"1"	05.502.3100.0	1
Extraction tool		05.502.0710.0	1
Extraction tool for modular inserts		05.502.1010.0	1
Set of tools for optical fiber POF contacts		95.101.2000.0	1

Dimensions

RJ45 module



Modular connector system

Modular inserts revos FLEX TWIN BUS

pending

Description	Type		Part No.	P.U.
Modular inserts revos FLEX				
Male insert	FLE STC	2 05	78.019.0253.0	1
Female insert	FLE BUC	2 05	78.009.0253.0	1
Contact holder male insert	FLE STKT	1 05	Z5.566.6056.0	1
Contact holder female insert	FLE BUKT	1 05	Z5.566.5956.0	1
Kontakte	mm²	/ AWG, gedreht Ø 1,6 mm		
Male insert, Ag	0,14 – 0,37	/ 26 – 22	05.544.4129.8	100
Female insert, Ag	0,14 – 0,37	/ 26 – 22	02.125.4129.8	100
Male insert, Ag	0,5	/ 20	05.544.4229.8	100
Female insert, Ag	0,5	/ 20	02.125.4229.8	100
Male insert, Ag	0,75 – 1,0	/ 18	05.544.4329.8	100
Female insert, Ag	0,75 – 1,0	/ 18	02.125.4329.8	100
Male insert, Ag	1,5	/ 16	05.544.4429.8	100
Female insert, Ag	1,5	/ 16	02.125.4429.8	100
Male insert, Ag	2,5	/ 14	05.544.4529.8	100
Female insert, Ag	2,5	/ 14	02.125.4529.8	100
Male insert, Au	0,14 – 0,37	/ 26 – 22	05.544.4129.7	100
Female insert, Au	0,14 – 0,37	/ 26 – 22	02.125.4129.7	100
Male insert, Au	0,5	/ 20	05.544.4229.7	100
Female insert, Au	0,5	/ 20	02.125.4229.7	100
Male insert, Au	0,75 – 1,0	/ 18	05.544.4329.7	100
Female insert, Au	0,75 – 1,0	/ 18	02.125.4329.7	100
Male insert, Au	1,5	/ 16	05.544.4429.7	100
Female insert, Au	1,5	/ 16	02.125.4429.7	100
Male insert, Au	2,5	/ 14	05.544.4529.7	100
Female insert, Au	2,5	/ 14	02.125.4529.7	100

Technical data	
Rated voltage	50V
Rated voltage according to UL/CSA	50 V AC/DC
Rated impulse voltage	0.8 kV
Rated current	10 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm²
UL	see table below
CSA	see table below
Number of contacts	1
Shielding	Shielding positioned over the cable clamp on the contact carrier
External diameter of the sheathed cable	3 – 6 mm / 6 – 9.5 mm
Insulating material	PC
Flammability class of insulating housing	UL 94 V-0
Kontakte	
Material	Copper alloy
Surface	Ag, Au
Contact resistance	< 4 mΩ
Temperature range	-40 … +70 °C

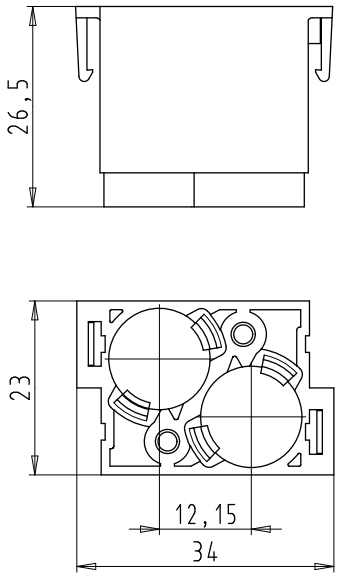
Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"1"	05.502.3100.0	1
Extraction tool		05.502.0710.0	1

Wire cross section	Rated current	
	UL	CSA
16 AWG, stranded, Cu	20.5 A	11 A
18 AWG, stranded, Cu	18 A	9.5 A
20 AWG, stranded, Cu	14 A	7.5 A
22 AWG, stranded, Cu	12 A	6 A
24 AWG, stranded, Cu	8.5 A	4.5 A
26 AWG, stranded, Cu	7 A	3.5 A

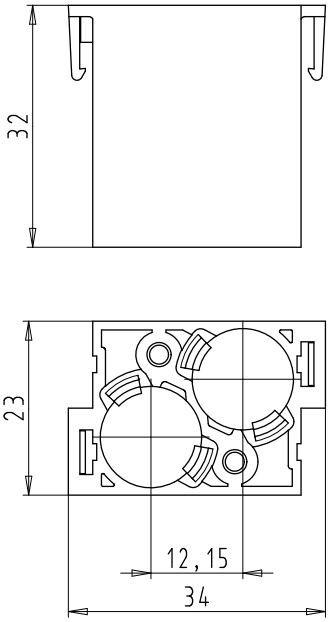
Subject to change without further notice

Dimensions

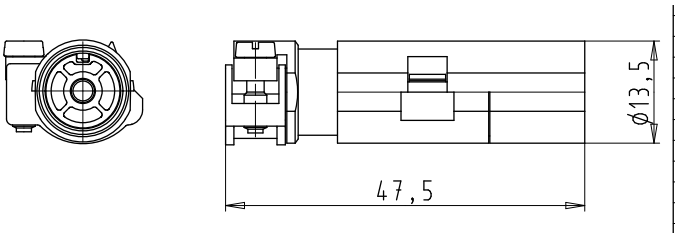
Male insert



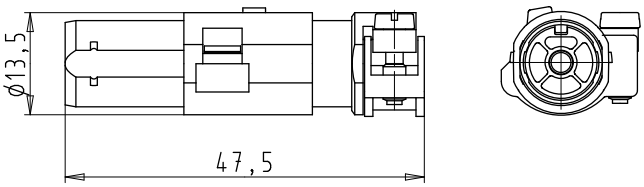
Female insert



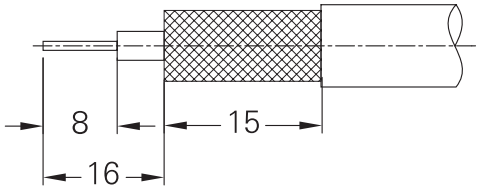
Contact holder male insert



Contact holder female insert



Insulation strip length



Modular connector system

Module frame revos FLEX

Figures:
2-Slots and 7-Slots
Male / Female

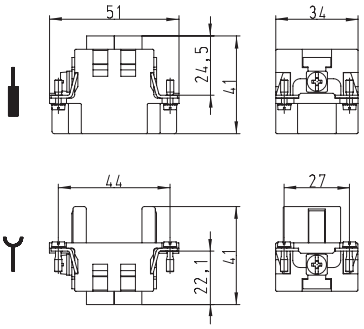
Description	Type	Part No.	P.U.
Module frame revos FLEX	**2-Slots, Size 6**		
gray RAL 7032			
Male	FLE MRS 6	78.010.0653.0	10
Female	FLE MRB 6	78.000.0653.0	10
Module frame revos FLEX	**3-Slots, Size 10**		
gray RAL 7032			
Male	FLE MRS 10	78.010.1053.0	10
Female	FLE MRB 10	78.000.1053.0	10
Module frame revos FLEX	**5-Slots, Size 16**		
gray RAL 7032			
Male	FLE MRS 16	78.010.1653.0	10
Female	FLE MRB 16	78.000.1653.0	10
Module frame revos FLEX	**7-Slots, Size 24**		
gray RAL 7032			
Male	FLE MRS 24	78.010.2453.0	10
Female	FLE MRB 24	78.000.2453.0	10

Technical data	
Insulating material	Polycarbonate, halogen-free
Flammability class	UL 94 V-0
Temperature range	-40 … +120 °C

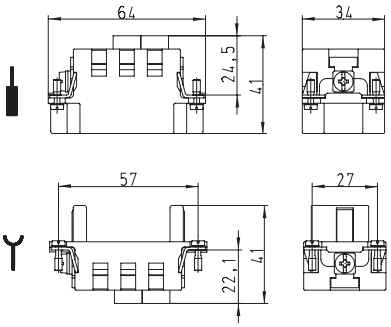
Housing revos BASIC	Type	Page
Size	6/6H	136–143
Size	10/10H	144–161
Size	16/16H	162–181
Size	24/24H	182–201

Dimensions

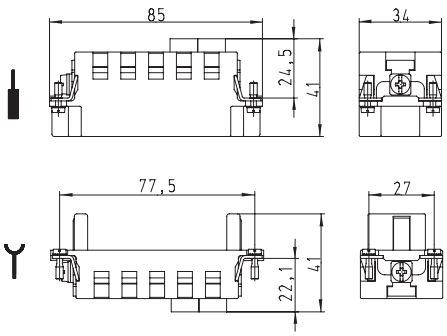
2-Slots



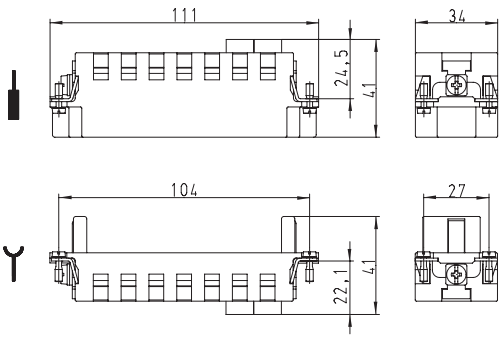
3-Slots



5-Slots



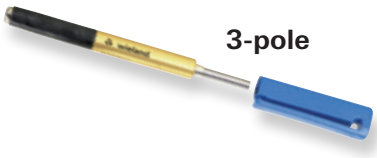
7-Slots



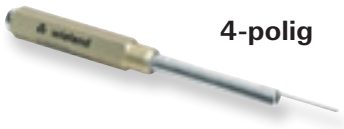
Subject to change without further notice

Modular connector system – Extraction tool

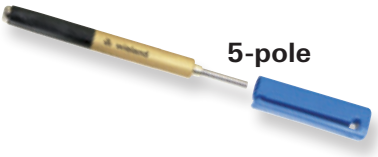
Extraction tool



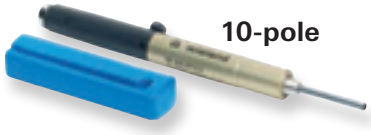
3-pole



4-polig



5-pole



10-pole

20-pole

For modular inserts

Description	Type	Part No.	P.U.
Accessories			
Extraction tool	MOD. 3POL	05.502.0910.0	1
Extraction tool	MOD. 4POL	05.502.0610.0	1
Extraction tool	MOD. 5POL	05.502.0810.0	1
Extraction tool	MOD. 10POL	05.502.0710.0	1
Extraction tool	MOD. 20POL	05.502.0410.0	1
Extraction tool for modular inserts		05.502.1010.0	1

Module Carrier and Upper Shell

Module Carrier and Upper Shell revos FLEX COMPACT 1M

Module Carrier

with locking lever
without locking lever

Upper Shell Lateral cable entry

Upper Shell Top cable entry

Description	Type	M	Part No.	P.U.
Module Carrier				
with locking lever	RFC MC L 1 M A20		78.320.0134.0	1
without locking lever	RFC MC 1 M A20		78.330.0134.0	1
Upper Shell				
Lateral cable entry M20				
with threaded collar	RFC TS 1M M20S A21	20	78.352.0134.1	1
with cable gland, IP68, ⇥|Ø|⇤ 8 – 13 mm	RFC TS 1M M20S A25	20	78.352.0134.5	1
Lateral cable entry M25				
with threaded collar	RFC TS 1M M25S A21	25	78.353.0134.1	1
with cable gland, IP68, ⇥|Ø|⇤ 11 – 18 mm	RFC TS 1M M25S A25	25	78.353.0134.5	1
Top cable entry M20				
with threaded collar	RFC TS 1M M20T A21	20	78.362.0134.1	1
with cable gland, IP68, ⇥|Ø|⇤ 8 – 13 mm	RFC TS 1M M20T A25	20	78.362.0134.5	1
Top cable entry M25				
with threaded collar	RFC TS 1M M20T A21	25	78.363.0134.1	1
with cable gland, IP68, ⇥|Ø|⇤ 11 – 18 mm	RFC TS 1M M20T A25	25	78.363.0134.5	1

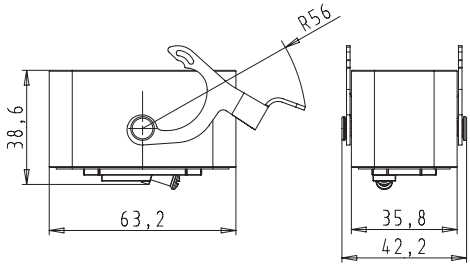
Technical data	
Material	aluminum
Surface	-
Locking levers	stainless steel
Gasket	NBR
PE connection	0.34 – 10 mm²
Corrosion protection	720 hrs (ISO 9227)
Mating cycles	500 (EN 61984)
Vibration	Class B – Category 1 (DIN EN 50155)
Degree of protection	
with appropriate cable glands	IP65 & IP68 (3 m / 10 hrs) & IP69k (DIN EN 60529)
Temperature range	-40 °C – +120 °C
EMC	
EMC coupling resistance acc. to IEC60603-7-3	< 10 mOhm DC to 10 MHz
EMC shielding attenuation	> 70dB 10 MHz to 100 MHz
Expanded measuring span (in connection with suitable EMC cable screw gland)	
Approval	
NEMA-Degree of protection	UL Type 4x
Applicable modules	all modules with module width 1

Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, nickel-plated brass	Connection range 8 – 13mm	20	Z5.507.1321.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18mm	25	Z5.507.1521.0	10
Cable gland IP68 EMC, nickel-plated brass	Connection range 8 - 13 mm	20	Z5.507.4821.0	10
Cable gland IP68 EMC, nickel-plated brass	Connection range 11 - 18 mm	25	Z5.507.5021.0	10
Cable gland IP69k nickel-plated brass	Connection range 6 - 12 mm	20	Z5.505.7121.0	10
Cable gland IP69k nickel-plated brass	Connection range 11 - 17 mm	25	Z5.505.7221.0	10

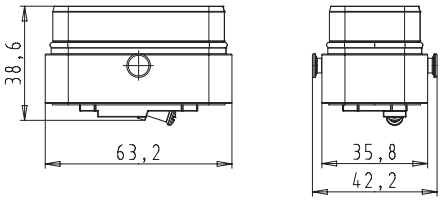
Dimensions

Module Carrier

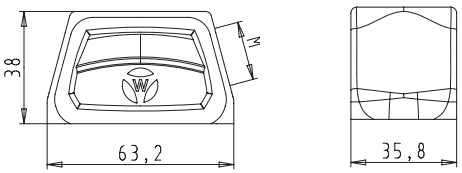
with locking lever



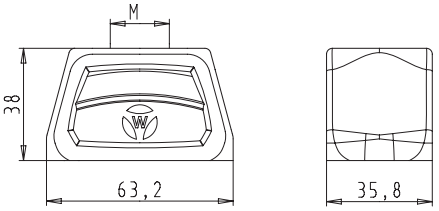
without locking lever



Upper Shell Lateral cable entry



Upper Shell Top cable entry



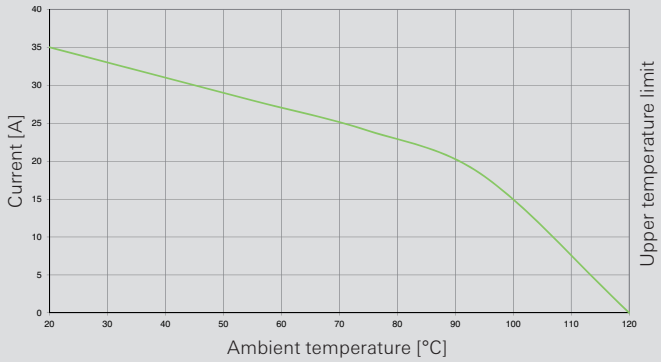
Subject to change without further notice

Derating curve

Derating curve according to IEC 60512 sec. 3

78.003/013.0253.0 revos FLEX 2-pole / revos FLEX COMPACT 1 M

Contact Ø 2.5 mm turned, 2.5 mm², 2-pole

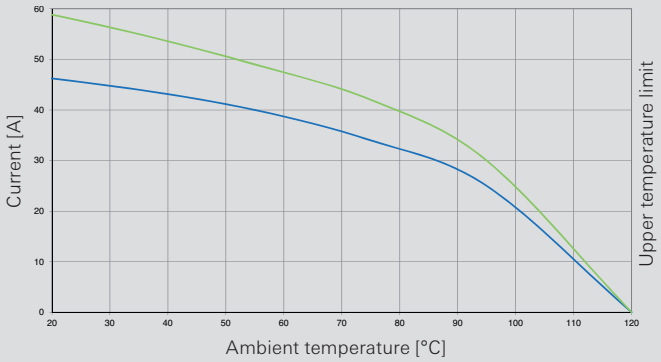


Derating curve according to IEC 60512 sec. 3

78.004/014.0353.0 revos FLEX 3-pole / revos FLEX COMPACT 1 M

Contact Ø 3.6 mm turned, 6.0 mm², 3-pole

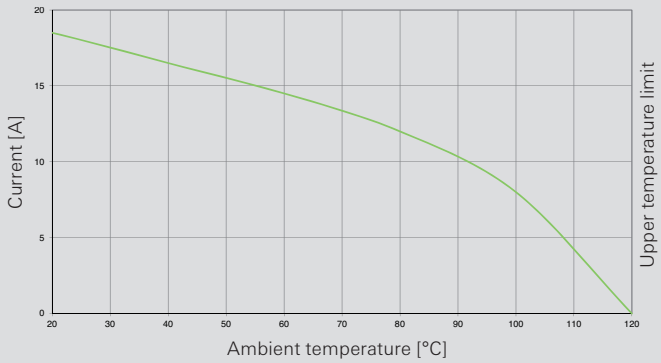
Contact Ø 3.6 mm turned, 10 mm², 3-pole



Derating curve according to IEC 60512 sec. 3

78.003/013.0453.0 revos FLEX 4-pole / revos FLEX COMPACT 1 M

Contact Ø 2.5 mm stamped, 1.5 mm², 4-pole

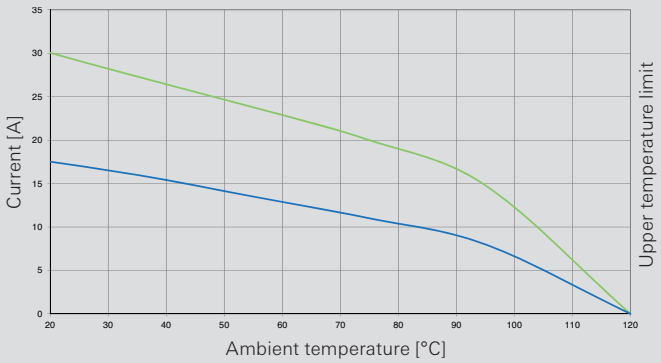


Derating curve according to IEC 60512 sec. 3

78.003/013.0553.0 revos FLEX 5-pole / revos FLEX COMPACT 1 M

Contact Ø 2.5 mm turned, 1.0 mm², 5-pole

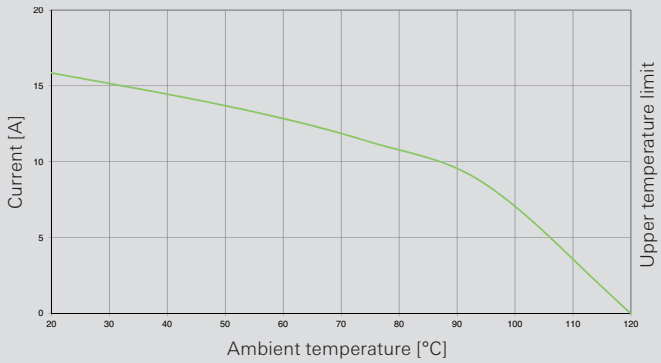
Contact Ø 2.5 mm turned, 2.5 mm², 5-pole



Derating curve according to IEC 60512 sec. 3

78.002/012.1053.0 revos FLEX 10-pole / revos FLEX COMPACT 1 M

Contact Ø 1.6 mm turned, 1.0 mm², 10-pole

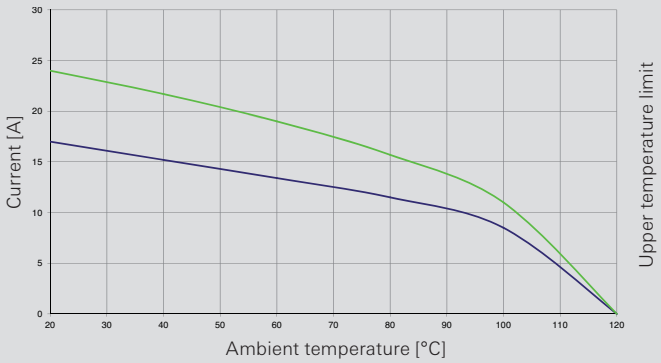


Derating curve according to IEC 60512 sec. 3

revos FLEX Spring clamp module 78.203/213.0453.0 / revos FLEX COMPACT 1 M

Ø 1.0 mm², 4-pole

Ø 2.5 mm², 4-pole



690 V plastic connector

plastic connector revos MOT

10-pole + ground

Open-bottom base

Description	Type	Part No.	P.U.
plastic connector revos MOT			
Hood, side cable entry	**10-pole + ground**		
with M25 gland ⇥Ø⇤ 7 – 16 mm	MOT GOT 2 W25 SW P0	75.013.0051.0	10
with threaded bore hole M25	MOT GOT 2 W25 SW P2	75.013.0051.2	10
Bases			
open	MOT GUT 2 O SW P	75.013.5051.0	10

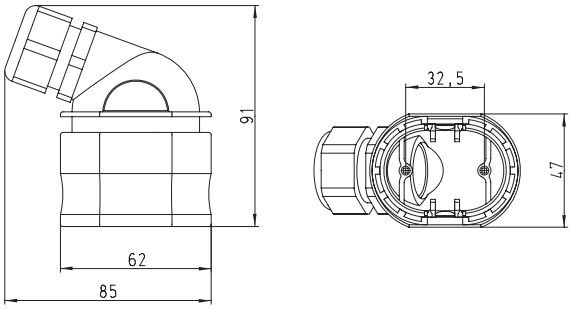
Technical data	
Insulating material	Polyamide
Flammability class	UL 94 V-0
Degree of protection	IP65
Color	black RAL 9005
Temperature range	-40 … +80 °C

Description	Type	Part No.	P.U.
Accessories			
Cable gland, M25 x 1.5, Plastic material, black	Connection range 9 – 16 mm	Z5.507.1453.1	10
Cable gland, M25 x 1.5, Plastic material, black	Connection range 13 – 18 mm	Z5.507.1553.1	10

Dimensions

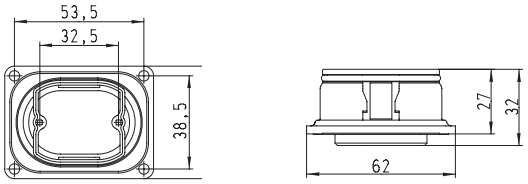
Hood 10-pole + ground

side cable entry



Bases 10-pole + ground

open



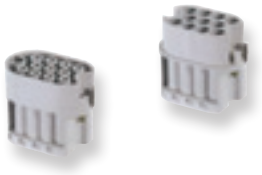
Subject to change without further notice

690 V contact inserts

Contact inserts

revos MOT

10-pole + ground



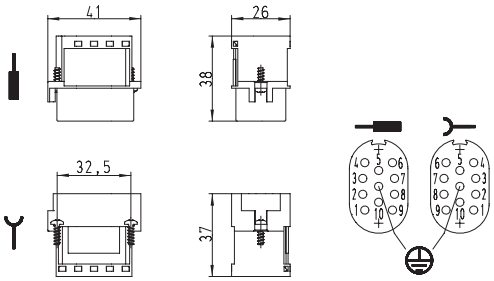
Description	Type	Part No.	P.U.
Contact inserts revos MOT	**10-pole + ground**		
Male insert	MOT STC 2 10 69	75.012.5053.0	10
Female insert	MOT BUC 2 10 69	75.012.0053.0	10
Contacts	mm^2 / AWG		
Male insert	0.5 / 20	05.543.70xx.0	200
Female insert	0.5 / 20	02.123.70xx.0	200
Male insert	0.75 – 1 / 18	05.543.71xx.0	200
Female insert	0.75 – 1 / 18	02.123.71xx.0	200
Male insert	1.5 / 16	05.543.72xx.0	200
Female insert	1.5 / 16	02.123.72xx.0	200
Male insert	2.5 / 14	05.543.73xx.0	200
Female insert	2.5 / 14	02.123.73xx.0	200
Male insert	4 / 12	05.543.74xx.0	200
Female insert	4 / 12	02.123.74xx.0	200
Surface:	tin-plated xx = 21 / silver-plated xx = 02 / gold-plated xx = 01		
Example:	Female insert, silver-plated, 1.5 mm^2 / Part No. 02.123.7202.0		

Technical data	
Rated voltage	690 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8 kV
Rated current	16 A
Degree of pollution	3
Insulating material	Polyamid
Flammability class	UL 94 V-0
Color	gray RAL 7035
Temperature range	-40 … +80 °C

Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"3"	05.502.3300.0	1
Extraction tool		05.502.3500.0	1

Dimensions

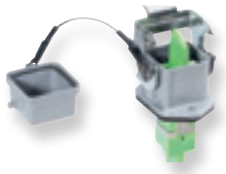
Contact inserts 10-pole + ground

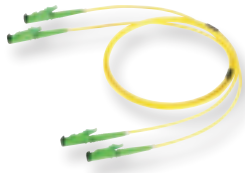


FOC components

FOC components
revos E-2000

revos MINI connector + protective cover

revos MINI adapter housing + protective cover


FOC duplex compact plug assembled with 1 m cable


Wall-mounted distributor module E-2000

Hat rail module E-2000

Switch

Description	Type	Part No.	P.U.
revos E-2000 Singlemode APC 0,1 dB			
2 x revos MINI connector + protective cover, assembled*1	E-2000 R2E1 R2E1 A01 LXXX*3	99.7xx.9999.9*3	1
1 x revos MINI connector + protective cover, assembled*2	E-2000 R2E1 0000 A01 LXXX*3	99.7xx.9999.9*3	1
revos MINI adapter housing + safety cap	E-2000 R2E 001V202	99.703.9999.9	1
2 x LWL duplex compact plug assembled with 1 m cable	E-2000 502 502 925T001	99.710.9999.9	1
2 x LWL duplex compact plug assembled with 2 m cable	E-2000 502 502 925T002	99.711.9999.9	1
2 x LWL duplex compact plug assembled with 3 m cable	E-2000 502 502 925T003	99.712.9999.9	1
2 x LWL duplex compact plug assembled with 5 m cable	E-2000 502 502 925T005	99.713.9999.9	1
Wall-mounted distributor module E-2000	E-2000 G8V1 06R 12FV002	99.700.9999.9	1
Hat rail module E-2000	E-2000 G8H 042 001V202	99.701.9999.9	1
Switch (upon request)	E-2000	99.702.9999.9	1

Technical data	
revos E-2000 connector	
Insertion loss (IL)	max 0,1 dB / IEC 61300-3-4; λ = 1300 / 1550 nm
Return loss (RL)	min. 85 dB / IEC 61300-3-4; λ = 1300 / 1550 nm
Mating cycles	500
Operating temperature	-20 °C … + 70 °C
Protection type	IP 65
Wall-mounted distributor module E-2000	
Material	Housing from anodized aluminum
Housing dimensions	45 x 113 x 135 mm (W x H x D)
Mounting	Hat rail TH35 accord. to DIN EN 60715 (B = 35 mm, H = from 7.5 mm)
Input	6 x E-2000 duplex compact plug
Hat rail module E-2000	
Material	Plastic
Module width	1 TE (< 18 mm, DIN 43880)
Colour	Light gray RAL 7035
Mounting	Hat rail TH35 accord. to DIN EN 60715 (B = 35 mm, H = from 7.5 mm)
Input	1 x E-2000 duplex compact plug
Switch	
Housing	Stainless steel, powder coated
Housing dimensions	70 x 145 x 130 (W x H x D)
Weight	850 g
Mounting	Hat rail TH35 accord. to DIN EN 60715 (B = 35 mm, H = from 7.5 mm)
Inputs	7-Ports for 10/100/1000 Mbit/s with 5xTX and 2xFX
FOC plug	E-2000
Fiber types	Single mode 9/125 µm
Range	10 km / 0.3 dB/km
Wave length	1310 nm
Power supply	12 – 65 V DC / 8 W
EMC	DIN EN 610000-6-2 / DIN EN 55022 +A1 and A2 Class A
Operating temperature	-40 °C … + 55 °C

*1 the flexible solid core cable, suitable for industrial and military applications, single mode 9 µm; Jacket color black, provided on both sides with the **revos** MINI-connector

*2 the flexible solid core cable, suitable for industrial and military applications, single mode 9 µm; Jacket color black, provided on one side with the **revos** MINI-connector; other side blunt end

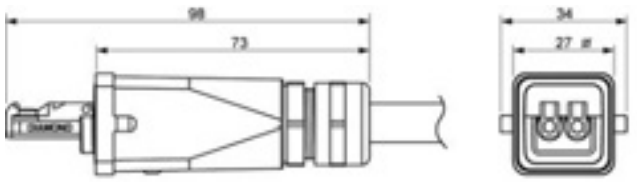
*3 xx = dependent on cable length; upon request

Subject to change without further notice

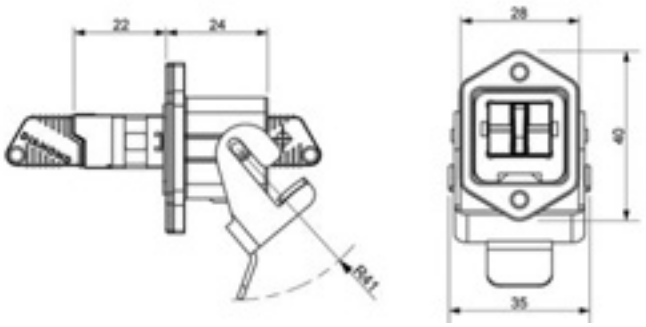
Dimensions

Dimensions

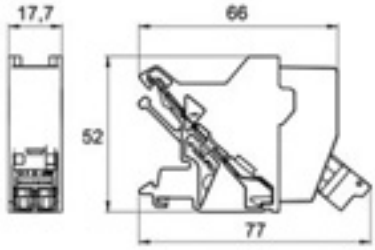
revos MINI connector



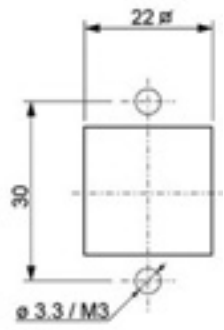
revos MINI adapter housing



Hat rail module E-2000



Drilling Template revos MINI adapter housing



revos housing components – simply, safely protected

The ***revos*** housing components for heavy duty connectors consist of high-quality aluminum and zinc die casting. Wieland has designed the housings to be corrosion-resistant, water and dust tight, and usable under the toughest environmental conditions.

Hoods

Hoods
Metal housings for revos MINI

Lateral cable entry

Top cable entry

for cable-to-cable couplings

Plastic housings for revos MINI

Lateral cable entry

Top cable entry

for cable-to-cable couplings

Description	Type	M	Part No.	P.U.
Hoods	**Metal housings for revos MINI**			
Lateral cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	MIN GOT GA 7 M20 25 Z0	20	76.350.0736.0	10
with threaded collar	MIN GOT GA 7 M20 25 Z1	20	76.350.0736.1	10
Top cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	MIN GOT GB 7 M20 25 Z0	20	76.352.0736.0	10
with threaded collar	MIN GOT GB 7 M20 25 Z1	20	76.352.0736.1	10
for cable-to-cable couplings M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	MIN GOT GC 7 M20 25 Z0	20	76.372.0736.0	10
with threaded collar	MIN GOT GC 7 M20 25 Z1	20	76.372.0736.1	10
Hoods, increased height design				
Top cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	MIN GOT GB7HM20 25 Z0	20	76.362.0736.0	1
with threaded collar	MIN GOT GB7HM20 25 Z1	20	76.362.0736.1	1
with cable gland, IP68, ⇥IØ⇤ 6 – 12 mm	MIN GOT GB7HM20 25 Z5	20	76.362.0736.5	1
Hoods	**Plastic housings for revos MINI**			
Lateral cable entry M20				
with threaded collar	MIN GOT GA 7 M20 25 P1	20	76.350.0760.1	10
with cable gland, IP68, ⇥IØ⇤ 6 – 12 mm	MIN GOT GA 7 M20 25 P5	20	76.350.0760.5	10
Top cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	MIN GOT GB 7 M20 25 P0	20	76.352.0760.0	10
with threaded collar	MIN GOT GB 7 M20 25 P1	20	76.352.0760.1	10
with cable gland, IP68	MIN GOT GB 7 M20 25 P5	20	76.352.0760.5	10
for cable-to-cable couplings M20				
with threaded collar	MIN GOT GC 7 M20 25 P1	20	76.372.0760.1	10
with cable gland, IP68, ⇥IØ⇤ 6 – 12 mm	MIN GOT GC 7 M20 25 P5	20	76.372.0760.5	10

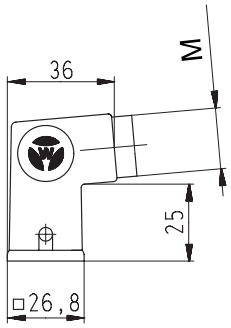
Technical data		
Material	metal	plastic
	Die cast zinc alloy	Polyamide
Surface	silicon-free	
Locking levers	zinc-plated steel	
Gasket	NBR	
Degree of protection		
with latched locking levers	IP54	
with appropriate cable glands	IP65	
Temperature range	-40 … +120 °C	

Description	Type	Part No.	P.U.
Accessories			
Cover without gasket for male insert			
Metal, nickel-plated	MIN AD DA 7 Z	07.417.6729.0	10
Plastic material, gray	MIN AD DA 7 P	07.417.6753.0	10
Cover with gasket for female insert			
Metal, nickel-plated	MIN AD DB 7 Z	07.417.6829.0	10
Plastic material, gray	MIN AD DB 7 P	07.417.6853.0	10
Contact inserts		Page 28–31	

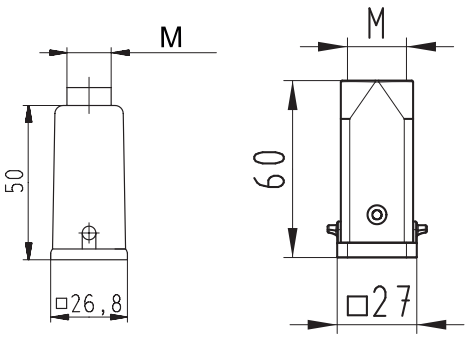
Dimensions

Hoods

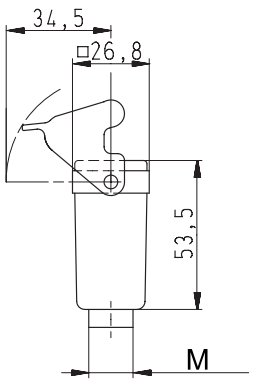
Lateral cable entry



Top cable entry



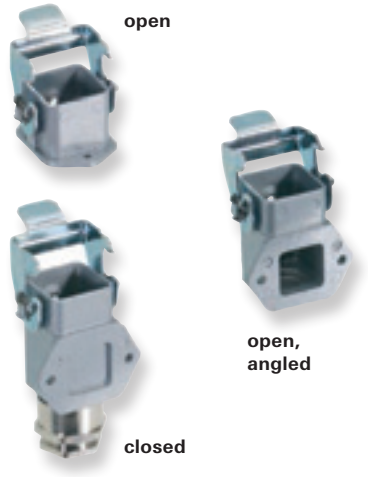
for cable-to-cable couplings



Subject to change without further notice

Bases

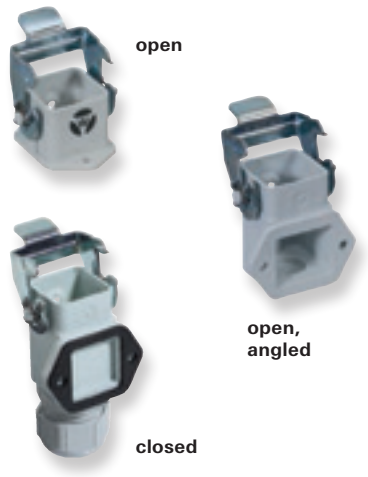
Bases
Metal housings for revos MINI



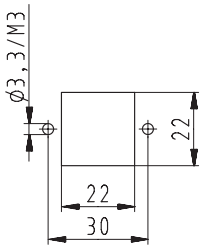
Description	Type	M	Part No.	P.U.
Bases	**Metal housings for revos MINI**			
open	MIN GUT GA 7 25 Z	-	76.320.0729.0	10
open, angled	MIN GUT GB 7 25 Z	-	76.321.0729.0	10
closed M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	MIN GUT GC 7 M20 25 Z0	20	76.322.0736.0	10
with threaded collar	MIN GUT GC 7 M20 25 Z1	20	76.322.0736.1	10
Bases	**Plastic housings for revos MINI**			
open	MIN GUT GA 7 25 P	-	76.320.0753.0	10
open, angled	MIN GUT GB 7 25 P	-	76.321.0753.0	10
closed M20				
with cable gland, IP68, ⇥IØ⇤ 6 – 12 mm	MIN GUT GC 7 M20 25 P5	20	76.322.0760.5	10

Technical data		
Material	metal	plastic
	Die cast zinc alloy	Polyamide
Surface	silicon-free	
Locking levers	zinc-plated steel	
Gasket	NBR	
Degree of protection		
with latched locking levers	IP54	
with appropriate cable glands	IP65	
Temperature range	-40 … +120 °C	

Plastic housings for revos MINI



Description	Type	Part No.	P.U.
Accessories			
Cover without gasket for male insert			
Metal, nickel-plated	MIN AD DA 7 Z	07.417.6729.0	10
Plastic material, gray	MIN AD DA 7 P	07.417.6753.0	10
Cover with gasket for female insert			
Metal, nickel-plated	MIN AD DB 7 Z	07.417.6829.0	10
Plastic material, gray	MIN AD DB 7 P	07.417.6853.0	10
Contact inserts		Page 28–31	

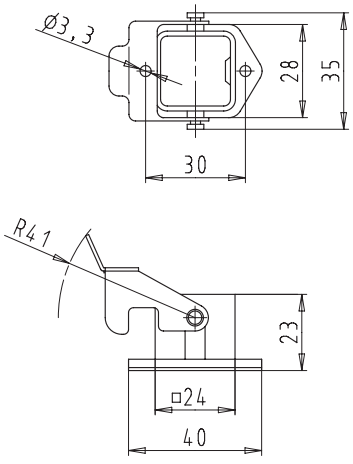


Drilling Template

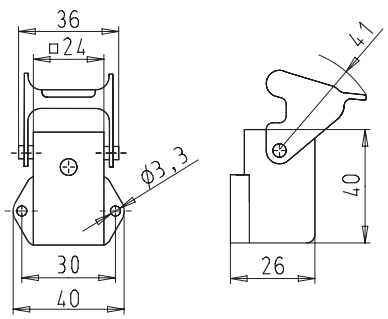
Dimensions

Bases

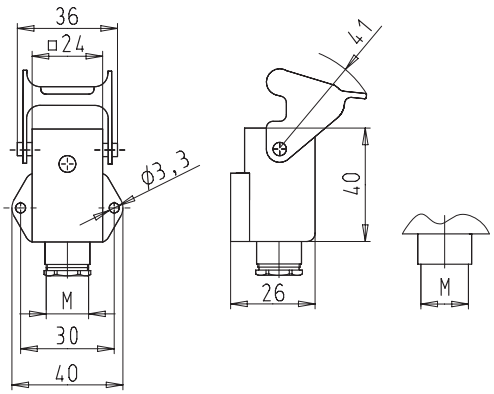
open



open, angled



closed



Hoods, single locking lever
Size 6

Hoods
Size 6

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings

Description	Type	M	Part No.	P.U.
Hoods, size 6	**Aluminum housing**			
Lateral cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	BAS GOT GG 6 M20 A0	20	70.350.0635.0	1
with threaded collar	BAS GOT GG 6 M20 A1	20	70.350.0635.1	1
with intermediate support	BAS GOT GG 6 M20 A2	20	70.350.0635.2	1
with strain relief, IP54	BAS GOT GG 6 M20 A3	20	70.350.0635.3	1
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GG 6 M25 A0	25	70.353.0635.0	1
with threaded collar	BAS GOT GG 6 M25 A1	25	70.353.0635.1	1
with intermediate support	BAS GOT GG 6 M25 A2	25	70.353.0635.2	1
with strain relief, IP54	BAS GOT GG 6 M25 A3	25	70.353.0635.3	1
Top cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	BAS GOT GI 6 M20 A0	20	70.352.0635.0	1
with threaded collar	BAS GOT GI 6 M20 A1	20	70.352.0635.1	1
with intermediate support	BAS GOT GI 6 M20 A2	20	70.352.0635.2	1
with strain relief, IP54	BAS GOT GI 6 M20 A3	20	70.352.0635.3	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GI 6 M25 A0	25	70.354.0635.0	1
with threaded collar	BAS GOT GI 6 M25 A1	25	70.354.0635.1	1
with intermediate support	BAS GOT GI 6 M25 A2	25	70.354.0635.2	1
with strain relief, IP54	BAS GOT GI 6 M25 A3	25	70.354.0635.3	1
Multipole connectors for cable-to-cable couplings M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	BAS GOT GI 6 M20 A0	20	70.352.0635.0	1
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm Locking levers and gasket	BAS GOT GL 6 M20 A0	20	70.372.0635.0	1
with threaded collar	BAS GOT GI 6 M20 A1	20	70.352.0635.1	1
with threaded collar Locking levers and gasket	BAS GOT GL 6 M20 A1	20	70.372.0635.1	1
with strain relief, IP54	BAS GOT GI 6 M20 A3	20	70.352.0635.3	1
with strain relief, IP54 Locking levers and gasket	BAS GOT GL 6 M20 A3	20	70.372.0635.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free/–
Locking levers at Multipole connectors	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket at Multipole connectors	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

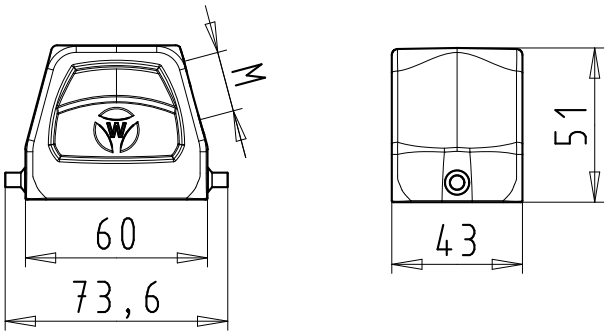
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Strain relief IP54, nickel-plated brass	Connection range 9 – 13.5 mm	20	Z5.507.9621.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Contact inserts				
Size 6 see the product matrix			Page 24–25	

Subject to change without further notice

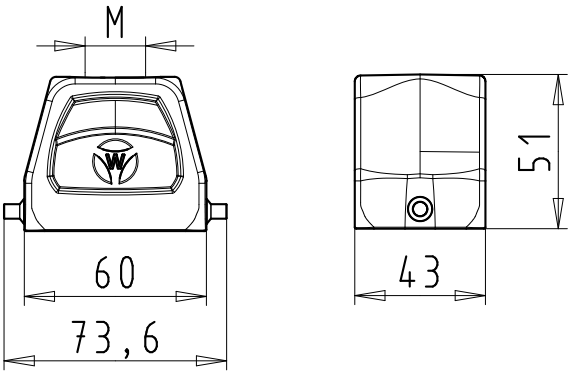
Dimensions

Hoods

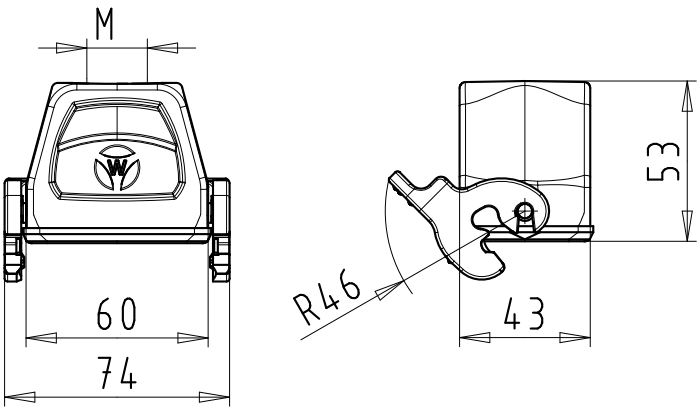
Lateral cable entry



Top cable entry



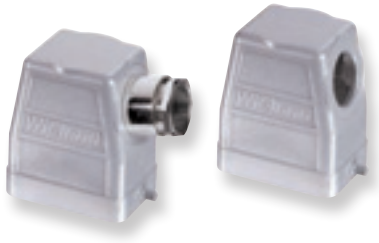
Multipole connectors for cable-to-cable couplings



Hoods, single locking lever
Size 6H, increased height design

Hoods, Size 6H, increased height design

Lateral cable entry



Top cable entry

Front cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 6H	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GG 6H M25 A0	25	73.350.0635.0	1
with threaded collar	BAS GOT GG 6H M25 A1	25	73.350.0635.1	1
with intermediate support	BAS GOT GG 6H M25 A2	25	73.350.0635.2	1
with strain relief, IP54, ⇥IØ⇤ 14 – 20 mm	BAS GOT GG 6H M25 A3	25	73.350.0635.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GG 6H M32 A0	32	73.353.0635.0	1
with threaded collar	BAS GOT GG 6H M32 A1	32	73.353.0635.1	1
with intermediate support	BAS GOT GG 6H M32 A2	32	73.353.0635.2	1
with strain relief, IP54, ⇥IØ⇤ 19 – 29 mm	BAS GOT GG 6H M32 A3	32	73.353.0635.3	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GI 6H M25 A0	25	73.352.0635.0	1
with threaded collar	BAS GOT GI 6H M25 A1	25	73.352.0635.1	1
with intermediate support	BAS GOT GI 6H M25 A2	25	73.352.0635.2	1
with strain relief, IP54, ⇥IØ⇤ 14 – 20 mm	BAS GOT GI 6H M25 A3	25	73.352.0635.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GI 6H M32 A0	32	73.354.0635.0	1
with threaded collar	BAS GOT GI 6H M32 A1	32	73.354.0635.1	1
with intermediate support	BAS GOT GI 6H M32 A2	32	73.354.0635.2	1
with strain relief, IP54, ⇥IØ⇤ 19 – 29 mm	BAS GOT GI 6H M32 A3	32	73.354.0635.3	1
Front cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	BAS GOT GH 6H M20 A0	20	73.351.0635.0	1
with threaded collar	BAS GOT GH 6H M20 A1	20	73.351.0635.1	1
with intermediate support	BAS GOT GH 6H M20 A2	20	73.351.0635.2	1
with strain relief, IP54, ⇥IØ⇤ 9 – 13.5 mm	BAS GOT GH 6H M20 A3	20	73.351.0635.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	–
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, plastic material, gray	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Strain relief IP54, nickel-plated brass	Connection range 9 – 13.5 mm	20	Z5.507.9621.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
Size 6H see the product matrix			Page 24–25	

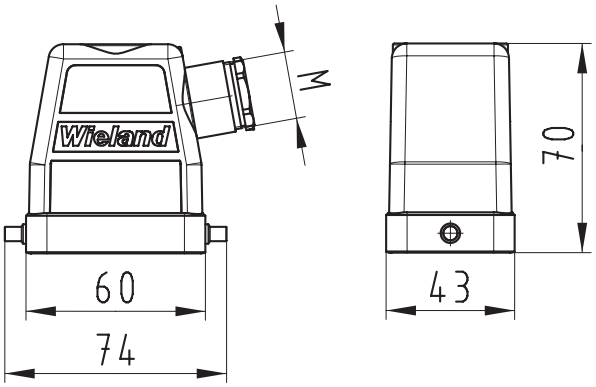
Subject to change without further notice

Dimensions

Hoods

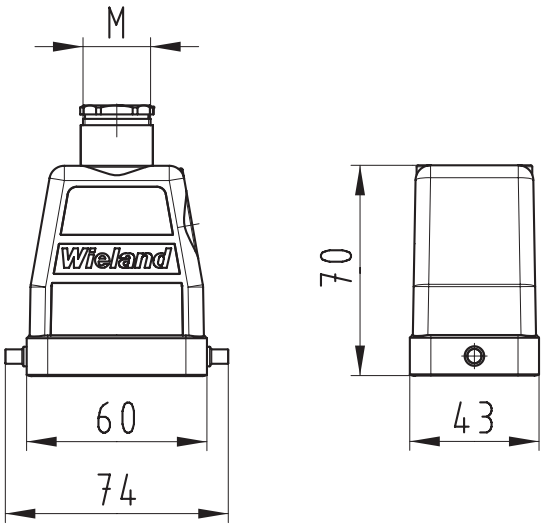
Lateral cable entry,

with cable gland
IP54

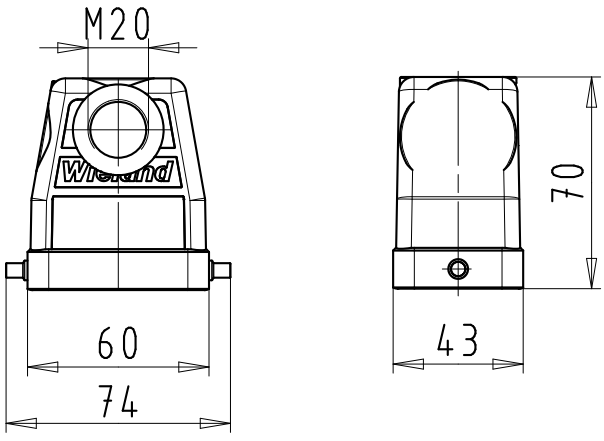


Top cable entry,

with cable gland
IP54



Front cable entry



Bases, single locking lever
Size 6

Bases, Size 6

open
without cover
with cover

closed
1 cable gland
without cover
with cover

closed
1 cable gland, bottom
without cover
with cover

Description	Type	M	Part No.	P.U.
500 V Bases, size 6	**Aluminum housing**			
Open-bottom base				
without cover	BAS GUT GK 6 A		70.320.0628.0	1
with cover	BAS GUT GP 6 A		70.325.0628.0	1
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GL 6 M20 A0	20	70.330.0635.0	1
with threaded collar	BAS GUT GL 6 M20 A1	20	70.330.0635.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GR 6 M20 A0	20	70.340.0635.0	1
with threaded collar	BAS GUT GR 6 M20 A1	20	70.340.0635.1	1
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GL 6 M25 A0	25	70.334.0635.0	1
with threaded collar	BAS GUT GL 6 M25 A1	25	70.334.0635.1	1
1 cable gland, left, 1 x M20				
without cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GM 6 M20 A0	20	70.331.0635.0	1
with threaded collar	BAS GUT GM 6 M20 A1	20	70.331.0635.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GS 6 M20 A0	20	70.341.0635.0	1
with threaded collar	BAS GUT GS 6 M20 A1	20	70.341.0635.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GM 6 M25 A0	25	70.335.0635.0	1
with threaded collar	BAS GUT GM 6 M25 A1	25	70.335.0635.1	1
1 cable gland, right, 1 x M20				
without cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GN 6 M20 A0	20	70.332.0635.0	1
with threaded collar	BAS GUT GN 6 M20 A1	20	70.332.0635.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GT 6 M20 A0	20	70.342.0635.0	1
with threaded collar	BAS GUT GT 6 M20 A1	20	70.342.0635.1	1
1 cable gland, right, 1 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GN 6 M25 A0	25	70.336.0635.0	1
with threaded collar	BAS GUT GN 6 M25 A1	25	70.336.0635.1	1
1 cable gland, bottom, 1 x M20				
without cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GO 6 M20 A0	20	70.333.0635.0	1
with threaded collar	BAS GUT GO 6 M20 A1	20	70.333.0635.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GU 6 M20 A0	20	70.343.0635.0	1
with threaded collar	BAS GUT GU 6 M20 A1	20	70.343.0635.1	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GO 6 M25 A0	25	70.337.0635.0	1
with threaded collar	BAS GUT GO 6 M25 A1	25	70.337.0635.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10

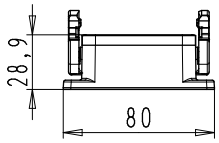
Contact inserts	
Size 6 see the product matrix	Page 24–25

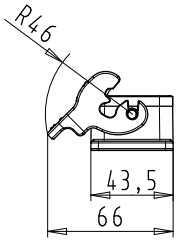
Subject to change without further notice

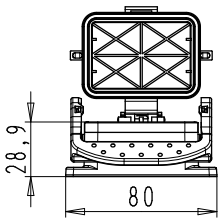
Dimensions

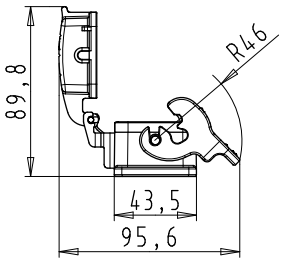
Bases

open

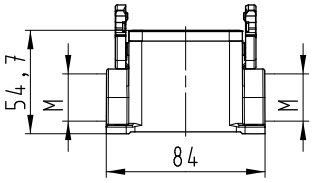


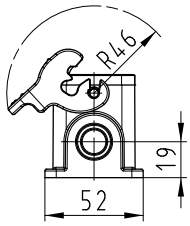


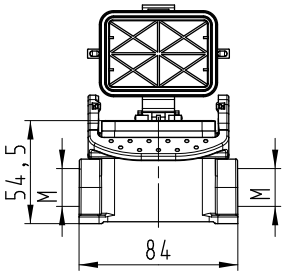


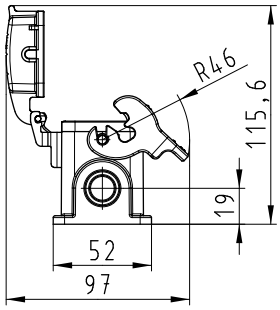


closed, 2 cable glands

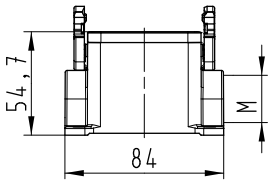


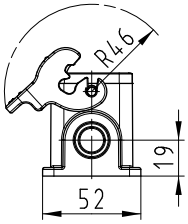


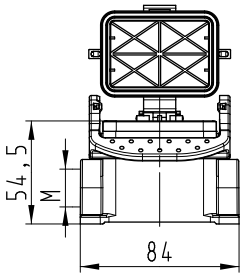


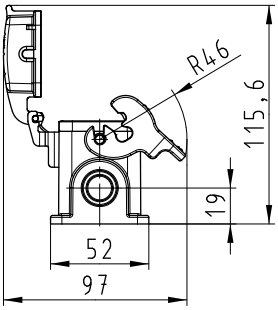


closed, 1 cable gland

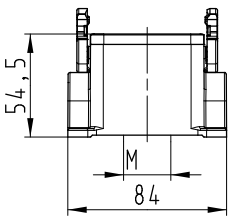


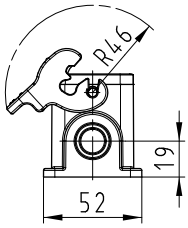


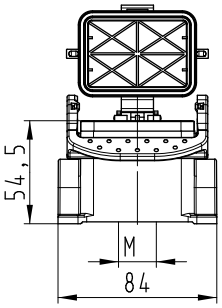


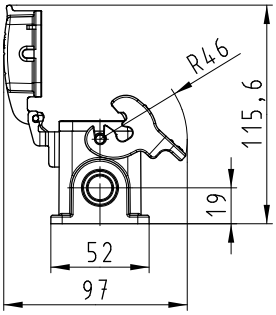


closed, 1 cable gland, bottom









Bases, single locking lever
Size 6H, increased height design

Bases
Size 6H,
increased height design

closed M25
2 cable glands

closed M32
2 cable glands

Description	Type	M	Part No.	P.U.
Bases, size 6H	**Aluminum housing**			
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GL 6H M25 A0	25	73.330.0635.0	1
with threaded collar	BAS GUT GL 6H M25 A1	25	73.330.0635.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GR 6H M25 A0	25	73.340.0635.0	1
with threaded collar	BAS GUT GR 6H M25 A1	25	73.340.0635.1	1
2 cable glands, 2 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GL 6H M32 A0	32	73.334.0635.0	1
with threaded collar	BAS GUT GL 6H M32 A1	32	73.334.0635.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GR 6H M32 A0	32	73.344.0635.0	1
with threaded collar	BAS GUT GR 6H M32 A1	32	73.344.0635.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GM 6H M25 A0	25	73.331.0635.0	1
with threaded collar	BAS GUT GM 6H M25 A1	25	73.331.0635.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GS 6H M25 A0	25	73.341.0635.0	1
with threaded collar	BAS GUT GS 6H M25 A1	25	73.341.0635.1	1
1 cable gland, left, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GM 6H M32 A0	32	73.335.0635.0	1
with threaded collar	BAS GUT GM 6H M32 A1	32	73.335.0635.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GS 6H M32 A0	32	73.345.0635.0	1
with threaded collar	BAS GUT GS 6H M32 A1	32	73.345.0635.1	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GT 6H M25 A0	25	73.342.0635.0	1
with threaded collar	BAS GUT GT 6H M25 A1	25	73.342.0635.1	1
1 cable gland, right, 1 x M32				
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GT 6H M32 A0	32	73.346.0635.0	1
with threaded collar	BAS GUT GT 6H M32 A1	32	73.346.0635.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

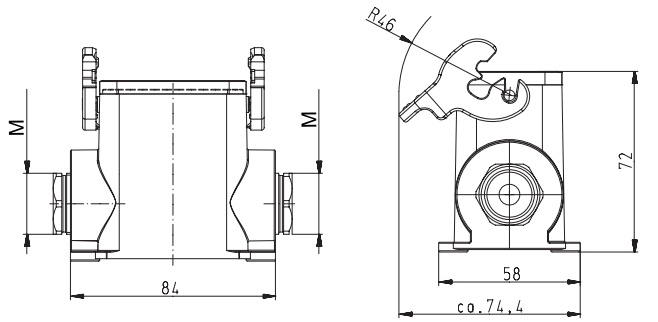
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Contact inserts				
Size 6H see the product matrix			Page 24–25	

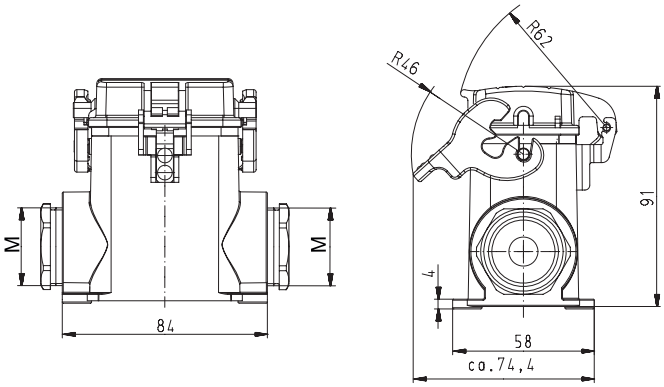
Subject to change without further notice

Dimensions

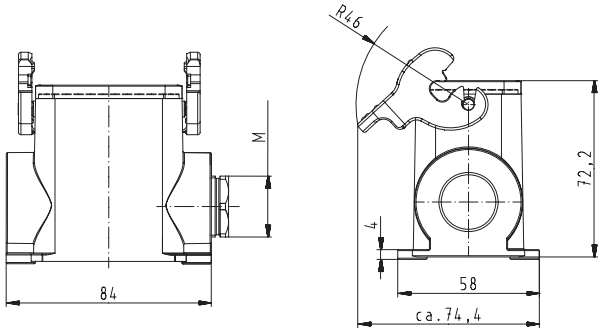
Bases

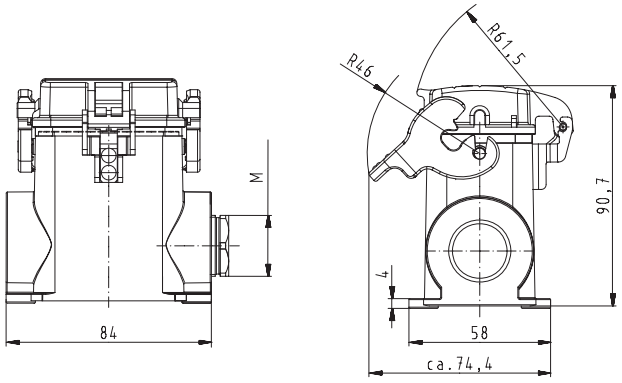
closed, 2 cable glands





closed, 1 cable gland





Hoods, single locking lever
Size 10

Hoods
Size 10

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings

Description	Type	M	Part No.	P.U.
Hoods, size 10	**Aluminum housing**			
Lateral cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	BAS GOT GG 10 M20 A0	20	71.350.1035.0	1
with threaded collar	BAS GOT GG 10 M20 A1	20	71.350.1035.1	1
with intermediate support	BAS GOT GG 10 M20 A2	20	71.350.1035.2	1
with strain relief, IP54	BAS GOT GG 10 M20 A3	20	71.350.1035.3	1
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GG 10 M25 A0	25	71.353.1035.0	1
with threaded collar	BAS GOT GG 10 M25 A1	25	71.353.1035.1	1
with intermediate support	BAS GOT GG 10 M25 A2	25	71.353.1035.2	1
with strain relief, IP54	BAS GOT GG 10 M25 A3	25	71.353.1035.3	1
Top cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	BAS GOT GI 10 M20 A0	20	71.352.1035.0	1
with threaded collar	BAS GOT GI 10 M20 A1	20	71.352.1035.1	1
with intermediate support	BAS GOT GI 10 M20 A2	20	71.352.1035.2	1
with strain relief, IP54	BAS GOT GI 10 M20 A3	20	71.352.1035.3	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GI 10 M25 A0	25	71.354.1035.0	1
with threaded collar	BAS GOT GI 10 M25 A1	25	71.354.1035.1	1
with intermediate support	BAS GOT GI 10 M25 A2	25	71.354.1035.2	1
with strain relief, IP54	BAS GOT GI 10 M25 A3	25	71.354.1035.3	1
Multipole connectors for cable-to-cable couplings M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	BAS GOT GI 10 M20 A0	20	71.352.1035.0	1
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm Locking levers and gasket	BAS GOT GL 10 M20 A0	20	71.372.1035.0	1
with threaded collar	BAS GOT GI 10 M20 A1	20	71.352.1035.1	1
with threaded collar Locking levers and gasket	BAS GOT GL 10 M20 A1	20	71.372.1035.1	1
with strain relief, IP54	BAS GOT GI 10 M20 A3	20	71.352.1035.3	1
with strain relief, IP54 Locking levers and gasket	BAS GOT GL 10 M20 A3	20	71.372.1035.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers at Multipole connectors	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket at Multipole connectors	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

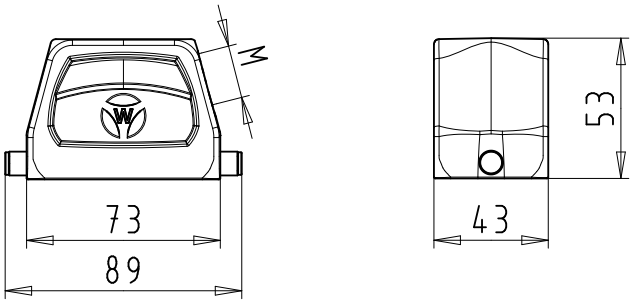
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Strain relief IP54, nickel-plated brass	Connection range 9 – 13.5 mm	20	Z5.507.9621.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

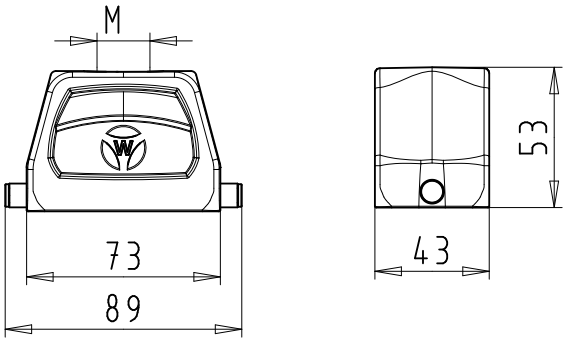
Dimensions

Hoods

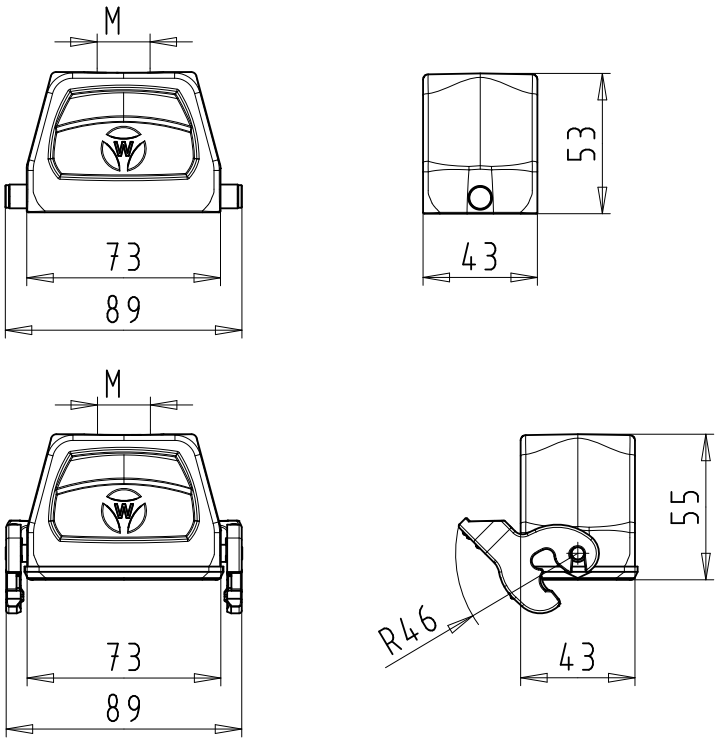
Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



Hoods, single locking lever
Size 10H, increased height design

Hoods
Size 10H,
increased height design

Lateral cable entry

Top cable entry

Front cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 10H	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GG 10H M25 A0	25	76.350.1035.0	1
with threaded collar	BAS GOT GG 10H M25 A1	25	76.350.1035.1	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GG 10H M32 A0	32	76.353.1035.0	1
with threaded collar	BAS GOT GG 10H M32 A1	32	76.353.1035.1	1
with intermediate support	BAS GOT GG 10H M32 A2	32	76.353.1035.2	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GI 10H M25 A0	25	76.352.1035.0	1
with threaded collar	BAS GOT GI 10H M25 A1	25	76.352.1035.1	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GI 10H M32 A0	32	76.354.1035.0	1
with threaded collar	BAS GOT GI 10H M32 A1	32	76.354.1035.1	1
with intermediate support	BAS GOT GI 10H M32 A2	32	76.354.1035.2	1
Front cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	BAS GOT GH 10H M20 A0	20	76.351.1035.0	1
with threaded collar	BAS GOT GH 10H M20 A1	20	76.351.1035.1	1
with intermediate support	BAS GOT GH 10H M20 A2	20	76.351.1035.2	1
with strain relief, IP54, ⇥IØ⇤ 9 – 13.5 mm	BAS GOT GH 10H M20 A3	20	76.351.1035.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	–
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

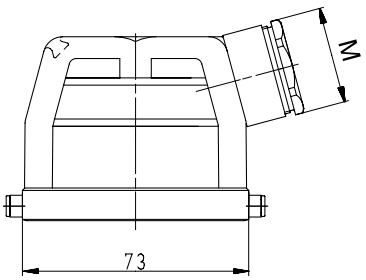
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, plastic material, gray	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Strain relief IP54, nickel-plated brass	Connection range 9 – 13.5 mm	20	Z5.507.9621.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

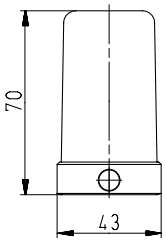
Subject to change without further notice

Dimensions

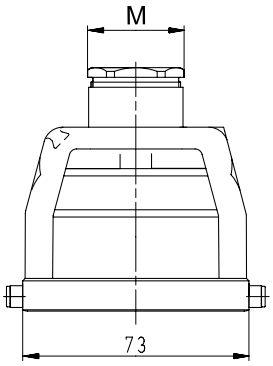
Hoods

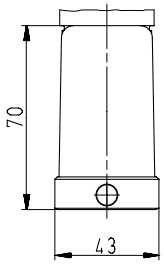
Lateral cable entry



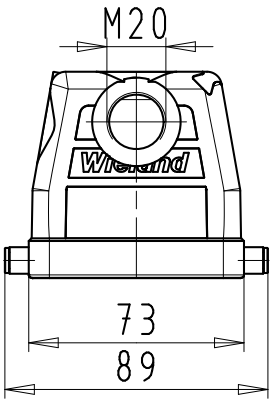


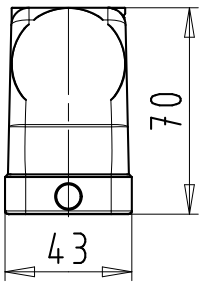
Top cable entry





Front cable entry





Bases, single locking lever
Size 10

Bases, Size 10

open
without cover
with cover

closed
1 cable gland
without cover
with cover

closed
1 cable gland, bottom
without cover
with cover

Description	Type	M	Part No.	P.U.
Bases, size 10	**Aluminum housing**			
Open-bottom base				
without cover	BAS GUT GK 10 A		71.320.1028.0	1
with cover	BAS GUT GP 10 A		71.325.1028.0	1
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	BAS GUT GL 10 M20 A0	20	71.330.1035.0	1
with threaded collar	BAS GUT GL 10 M20 A1	20	71.330.1035.1	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	BAS GUT GR 10 M20 A0	20	71.340.1035.0	1
with threaded collar	BAS GUT GR 10 M20 A1	20	71.340.1035.1	1
1 cable gland, left, 1 x M20				
without cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	BAS GUT GM 10 M20 A0	20	71.331.1035.0	1
with threaded collar	BAS GUT GM 10 M20 A1	20	71.331.1035.1	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	BAS GUT GS 10 M20 A0	20	71.341.1035.0	1
with threaded collar	BAS GUT GS 10 M20 A1	20	71.341.1035.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	BAS GUT GM 10 M25 A0	25	71.335.1035.0	1
with threaded collar	BAS GUT GM 10 M25 A1	25	71.335.1035.1	1
1 cable gland, right, 1 x M20				
with cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	BAS GUT GT 10 M20 A0	20	71.342.1035.0	1
with threaded collar	BAS GUT GT 10 M20 A1	20	71.342.1035.1	1
1 cable gland, bottom, 1 x M20				
without cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	BAS GUT GO 10 M20 A0	20	71.333.1035.0	1
with threaded collar	BAS GUT GO 10 M20 A1	20	71.333.1035.1	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	BAS GUT GU 10 M20 A0	20	71.343.1035.0	1
with threaded collar	BAS GUT GU 10 M20 A1	20	71.343.1035.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Contact inserts				
See the product matrix			Page 24–25	

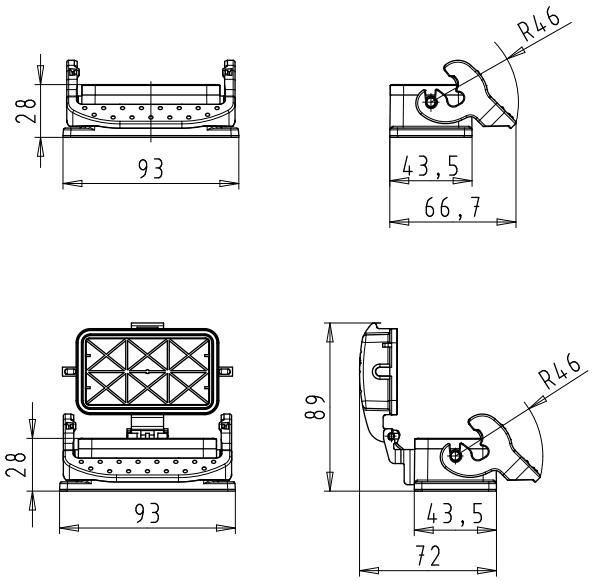
All Bases on this page are also available in M25 design.
The fifth digit of the part number always increases by 4 for M25 compared to the corresponding M20 designs.
Example:
71.34**1**.1035.0 for M20 becomes 71.34**5**.1035.0 for M25

Subject to change without further notice

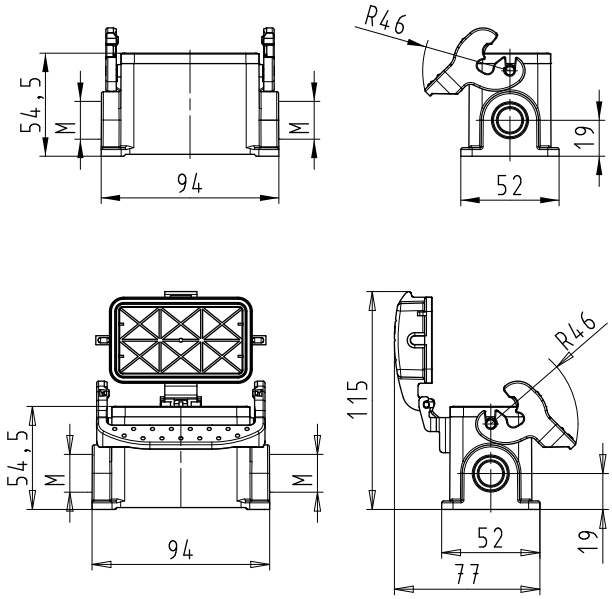
Dimensions

Bases

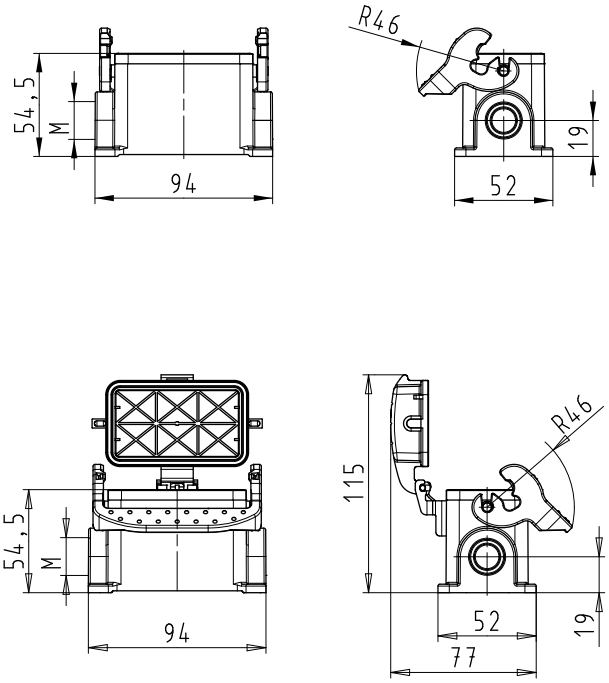
open



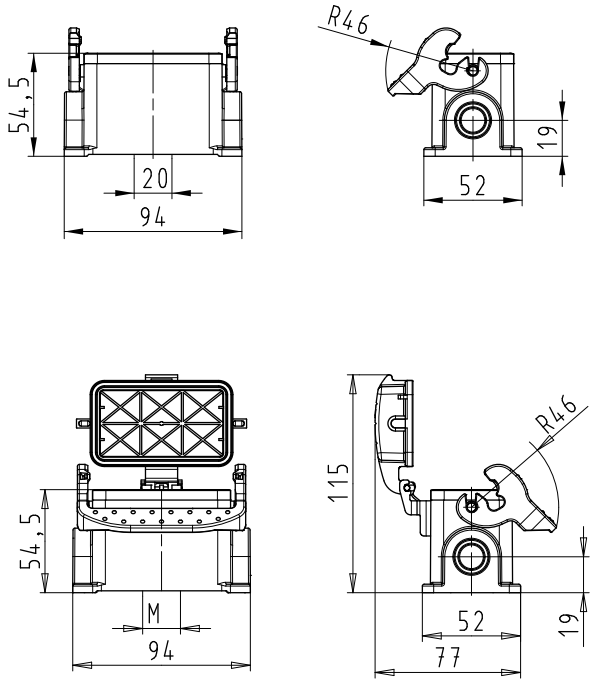
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Bases, single locking lever
Size 10H, increased height design

Bases
Size 10H,
increased height design

closed M25
without cover
with cover

closed M32
with threaded collar

Description	Type	M	Part No.	P.U.
Bases, size 10H	**Aluminum housing**			
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GL 10H M25 A0	25	76.330.1035.0	1
with threaded collar	BAS GUT GL 10H M25 A1	25	76.330.1035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GR 10H M25 A0	25	76.340.1035.0	1
with threaded collar	BAS GUT GR 10H M25 A1	25	76.340.1035.1	1
2 cable glands, 2 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GL 10H M32 A0	32	76.334.1035.0	1
with threaded collar	BAS GUT GL 10H M32 A1	32	76.334.1035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GR 10H M32 A0	32	76.344.1035.0	1
with threaded collar	BAS GUT GR 10H M32 A1	32	76.344.1035.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GM 10H M25 A0	25	76.331.1035.0	1
with threaded collar	BAS GUT GM 10H M25 A1	25	76.331.1035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GS 10H M25 A0	25	76.341.1035.0	1
with threaded collar	BAS GUT GS 10H M25 A1	25	76.341.1035.1	1
1 cable gland, left, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GM 10H M32 A0	32	76.335.1035.0	1
with threaded collar	BAS GUT GM 10H M32 A1	32	76.335.1035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GR 10H M32 A0	32	76.345.1035.0	1
with threaded collar	BAS GUT GR 10H M32 A1	32	76.345.1035.1	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GT 10H M25 A0	25	76.342.1035.0	1
with threaded collar	BAS GUT GT 10H M25 A1	25	76.342.1035.1	1
1 cable gland, right, 1 x M32				
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GT 10H M32 A0	32	76.346.1035.0	1
with threaded collar	BAS GUT GT 10H M32 A1	32	76.346.1035.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

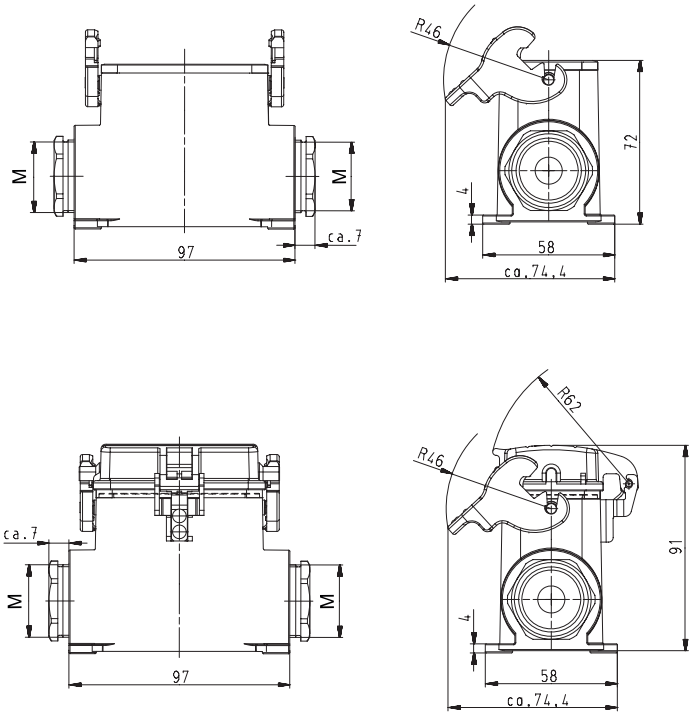
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

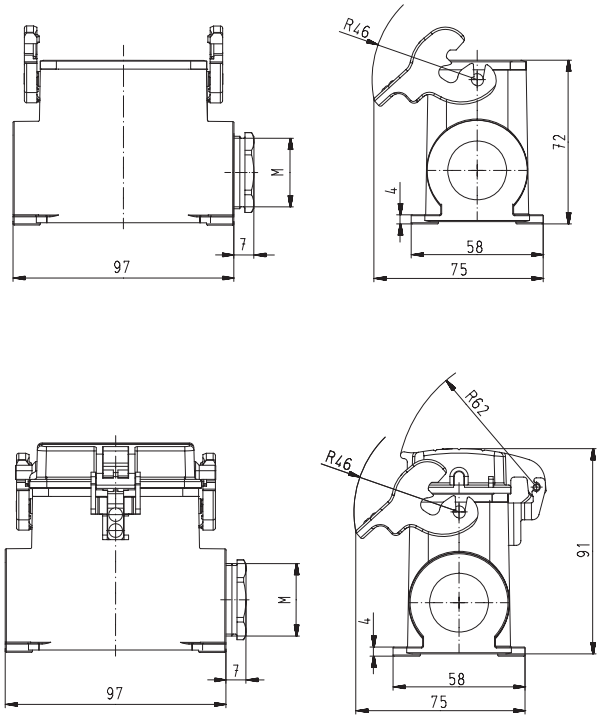
Dimensions

Bases

closed, 2 cable glands



closed, 1 cable gland



Hoods, double locking lever
Size 10

Hoods
Size 10

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 10	**Aluminum housing**			
Lateral cable entry M20				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GOT GA 10 M20 A0	20	70.350.1035.0	1
with threaded collar	BAS GOT GA 10 M20 A1	20	70.350.1035.1	1
with intermediate support	BAS GOT GA 10 M20 A2	20	70.350.1035.2	1
with strain relief, IP54	BAS GOT GA 10 M20 A3	20	70.350.1035.3	1
Lateral cable entry M25				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GOT GA 10 M25 A0	25	70.353.1035.0	1
with threaded collar	BAS GOT GA 10 M25 A1	25	70.353.1035.1	1
with intermediate support	BAS GOT GA 10 M25 A2	25	70.353.1035.2	1
with strain relief, IP54	BAS GOT GA 10 M25 A3	25	70.353.1035.3	1
Top cable entry M20				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GOT GC 10 M20 A0	20	70.352.1035.0	1
with threaded collar	BAS GOT GC 10 M20 A1	20	70.352.1035.1	1
with intermediate support	BAS GOT GC 10 M20 A2	20	70.352.1035.2	1
with strain relief, IP54	BAS GOT GC 10 M20 A3	20	70.352.1035.3	1
Top cable entry M25				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GOT GC 10 M25 A0	25	70.354.1035.0	1
with threaded collar	BAS GOT GC 10 M25 A1	25	70.354.1035.1	1
with intermediate support	BAS GOT GC 10 M25 A2	25	70.354.1035.2	1
with strain relief, IP54	BAS GOT GC 10 M25 A3	25	70.354.1035.3	1

Technical data	
Material metal	Die cast aluminum alloy
Surface	silicon-free
Locking levers at Multipole connectors	-
Gasket at Multipole connectors	-
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

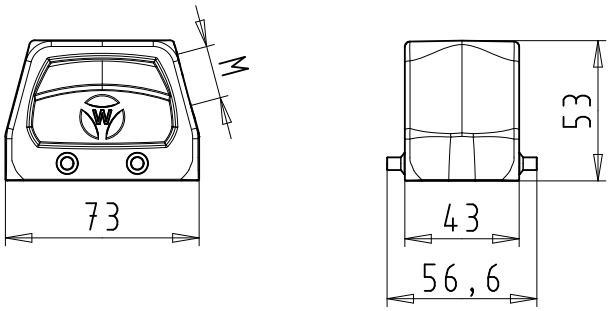
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Strain relief IP54, nickel-plated brass	Connection range 9 – 13.5 mm	20	Z5.507.9621.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

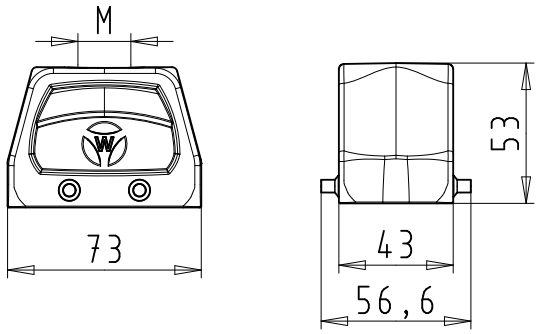
Dimensions

Hoods

Lateral cable entry



Top cable entry



Hoods, double locking lever with Locking levers, Size 10

Hoods Size 10

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings

Description	Type	M	Part No.	P.U.
Hoods, size 10	**Aluminum housing**			
Lateral cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	BAS GOT GD 10 M20 A0	20	70.355.1035.0	1
with threaded collar	BAS GOT GD 10 M20 A1	20	70.355.1035.1	1
with intermediate support	BAS GOT GD 10 M20 A2	20	70.355.1035.2	1
with strain relief, IP54	BAS GOT GD 10 M20 A3	20	70.355.1035.3	1
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GD 10 M25 A0	25	70.358.1035.0	1
with threaded collar	BAS GOT GD 10 M25 A1	25	70.358.1035.1	1
with intermediate support	BAS GOT GD 10 M25 A2	25	70.358.1035.2	1
with strain relief, IP54	BAS GOT GD 10 M25 A3	25	70.358.1035.3	1
Top cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	BAS GOT GF 10 M20 A0	20	70.357.1035.0	1
with threaded collar	BAS GOT GF 10 M20 A1	20	70.357.1035.1	1
with intermediate support	BAS GOT GF 10 M20 A2	20	70.357.1035.2	1
with strain relief, IP54	BAS GOT GF 10 M20 A3	20	70.357.1035.3	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GF 10 M25 A0	25	70.359.1035.0	1
with threaded collar	BAS GOT GF 10 M25 A1	25	70.359.1035.1	1
with intermediate support	BAS GOT GF 10 M25 A2	25	70.359.1035.2	1
with strain relief, IP54	BAS GOT GF 10 M25 A3	25	70.359.1035.3	1
Multipole connectors for cable-to-cable couplings M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	BAS GOT GC 10 M20 A0	20	70.352.1035.0	1
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm Locking levers and gasket	BAS GOT GK 10 M20 A0	20	70.372.1035.0	1
with threaded collar	BAS GOT GC 10 M20 A1	20	70.352.1035.1	1
with threaded collar Locking levers and gasket	BAS GOT GK 10 M20 A1	20	70.372.1035.1	1
with strain relief, IP54	BAS GOT GC 10 M20 A3	20	70.352.1035.3	1
with strain relief, IP54 Locking levers and gasket	BAS GOT GK 10 M20 A3	20	70.372.1035.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket for Multipole connectors	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

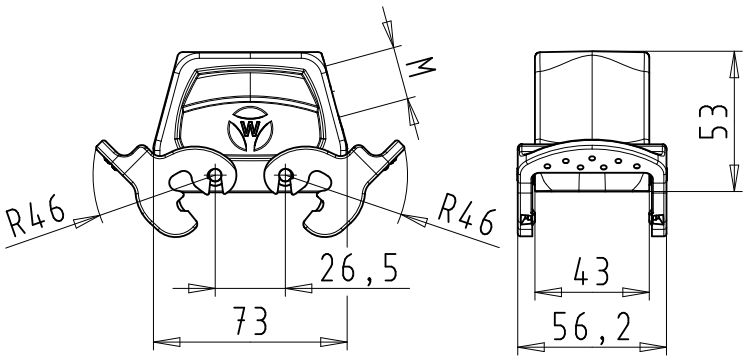
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Strain relief IP54, nickel-plated brass	Connection range 9 – 13.5 mm	20	Z5.507.9621.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Contact inserts				
See the product matrix			Page 24-25	

Subject to change without further notice

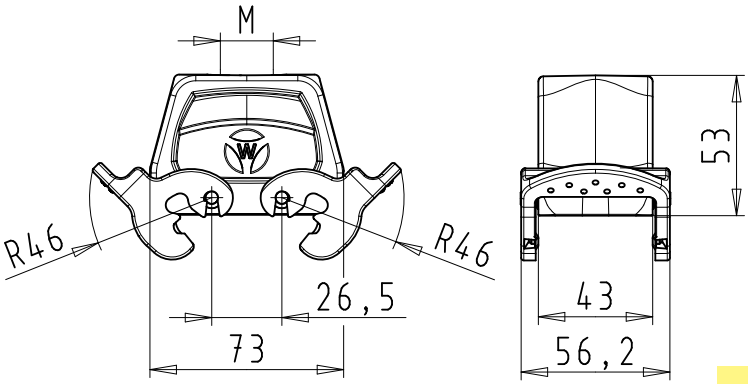
Dimensions

Hoods with Locking levers

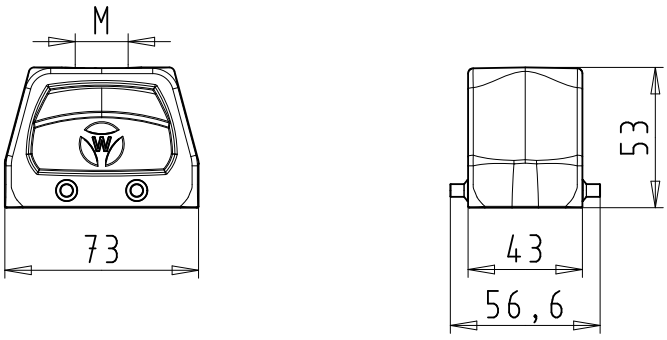
Lateral cable entry

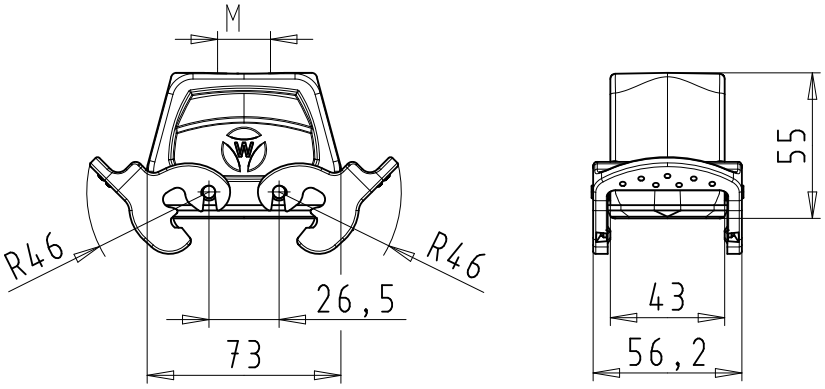


Top cable entry



Multipole connectors for cable-to-cable couplings





Hoods, double locking lever
Size 10H, increased height design

Hoods
Size 10H, increased height design

Lateral cable entry

Top cable entry

Front cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 10H	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GA 10H M25 A0	25	73.350.1035.0	1
with threaded collar	BAS GOT GA 10H M25 A1	25	73.350.1035.1	1
with intermediate support	BAS GOT GA 10H M25 A2	25	73.350.1035.2	1
with strain relief, IP54	BAS GOT GA 10H M25 A3	25	73.350.1035.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GA 10H M32 A0	32	73.353.1035.0	1
with threaded collar	BAS GOT GA 10H M32 A1	32	73.353.1035.1	1
with intermediate support	BAS GOT GA 10H M32 A2	32	73.353.1035.2	1
with strain relief, IP54	BAS GOT GA 10H M32 A3	32	73.353.1035.3	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GC 10H M25 A0	25	73.352.1035.0	1
with threaded collar	BAS GOT GC 10H M25 A1	25	73.352.1035.1	1
with intermediate support	BAS GOT GC 10H M25 A2	25	73.352.1035.2	1
with strain relief, IP54	BAS GOT GC 10H M25 A3	25	73.352.1035.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GC 10H M32 A0	32	73.354.1035.0	1
with threaded collar	BAS GOT GC 10H M32 A1	32	73.354.1035.1	1
with intermediate support	BAS GOT GC 10H M32 A2	32	73.354.1035.2	1
with strain relief, IP54	BAS GOT GC 10H M32 A3	32	73.354.1035.3	1
Front cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	BAS GOT GB 10H M20 A0	20	73.351.1035.0	1
with threaded collar	BAS GOT GB 10H M20 A1	20	73.351.1035.1	1
with intermediate support	BAS GOT GB 10H M20 A2	20	73.351.1035.2	1
with strain relief, IP54, ⇥IØ⇤ 9 – 13.5 mm	BAS GOT GB 10H M20 A3	20	73.351.1035.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	–
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

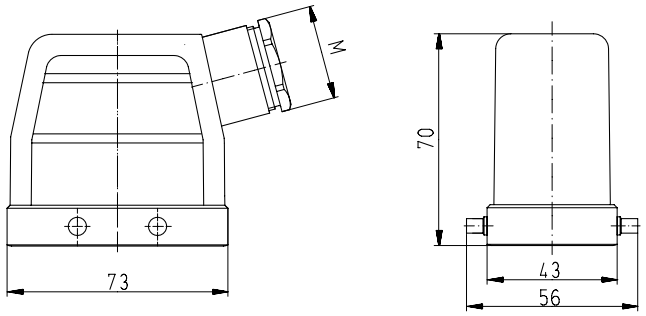
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, plastic material, gray	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Strain relief IP54, nickel-plated brass	Connection range 9 – 13.5 mm	20	Z5.507.9621.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

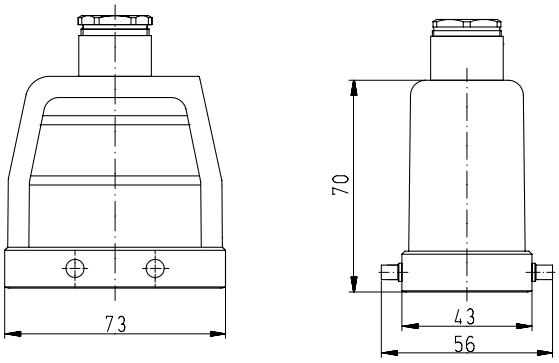
Dimensions

Hoods

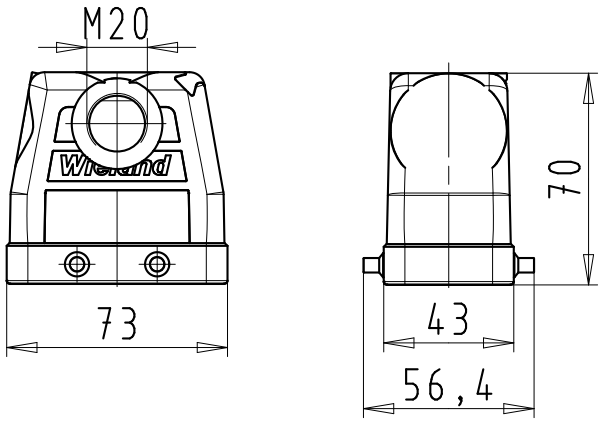
Lateral cable entry



Top cable entry



Front cable entry



Bases, double locking lever
Size 10

Bases, Size 10

open

without cover
with cover

closed
1 cable gland

without cover
with cover

closed
1 cable gland, bottom

without cover
with cover

Description	Type	M	Part No.	P.U.
Bases, size 10	**Aluminum housing**			
Open-bottom base				
without cover	BAS GUT GA 10 A		70.320.1028.0	1
with cover	BAS GUT GE 10 A		70.325.1028.0	1
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GB 10 M20 A0	20	70.330.1035.0	1
with threaded collar	BAS GUT GB 10 M20 A1	20	70.330.1035.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GF 10 M20 A0	20	70.340.1035.0	1
with threaded collar	BAS GUT GF 10 M20 A1	20	70.340.1035.1	1
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GB 10 M25 A0	25	70.334.1035.0	1
with threaded collar	BAS GUT GB 10 M25 A1	25	70.334.1035.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GF 10 M25 A0	25	70.344.1035.0	1
with threaded collar	BAS GUT GF 10 M25 A1	25	70.344.1035.1	1
1 cable gland, left, 1 x M20				
without cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GC 10 M20 A0	20	70.331.1035.0	1
with threaded collar	BAS GUT GC 10 M20 A1	20	70.331.1035.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GG 10 M20 A0	20	70.341.1035.0	1
with threaded collar	BAS GUT GG 10 M20 A1	20	70.341.1035.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GC 10 M25 A0	25	70.335.1035.0	1
with threaded collar	BAS GUT GC 10 M25 A1	25	70.335.1035.1	1
1 cable gland, right, 1 x M20				
with cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GH 10 M20 A0	20	70.342.1035.0	1
with threaded collar	BAS GUT GH 10 M20 A1	20	70.342.1035.1	1
1 cable gland, bottom, 1 x M20				
without cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GD 10 M20 A0	20	70.333.1035.0	1
with threaded collar	BAS GUT GD 10 M20 A1	20	70.333.1035.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	BAS GUT GI 10 M20 A0	20	70.343.1035.0	1
with threaded collar	BAS GUT GI 10 M20 A1	20	70.343.1035.1	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GD 10 M25 A0	25	70.337.1035.0	1
with threaded collar	BAS GUT GD 10 M25 A1	25	70.337.1035.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Contact inserts				
See the product matrix			Page 24–25	

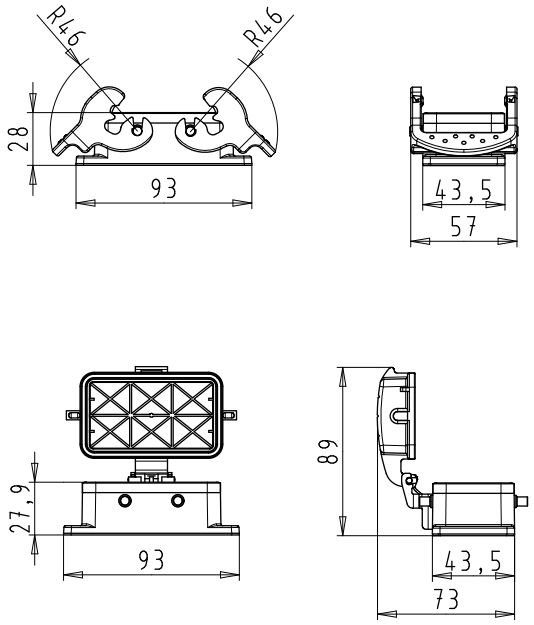
All Bases on this page are also available in M25 design.
The fifth digit of the part number always increases by 4 for M25 compared to the corresponding M20 designs.
Example:
70.34**1**.1035.0 for M20 becomes 70.34**5**.0635.0 for M25

Subject to change without further notice

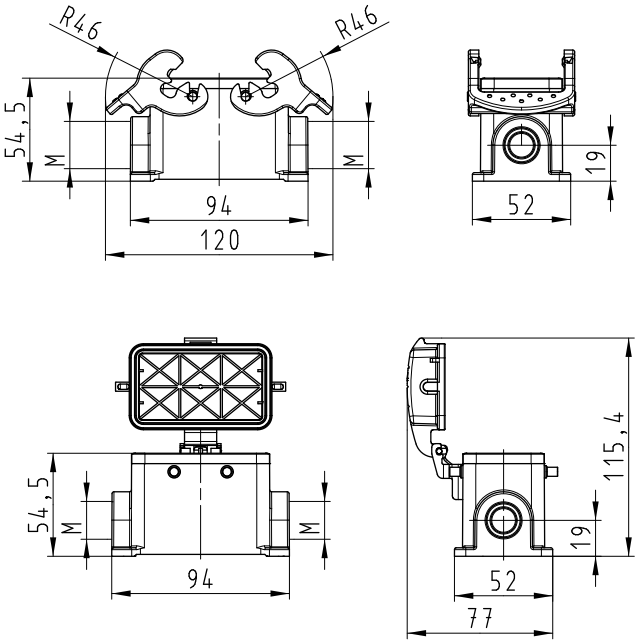
Dimensions

Bases

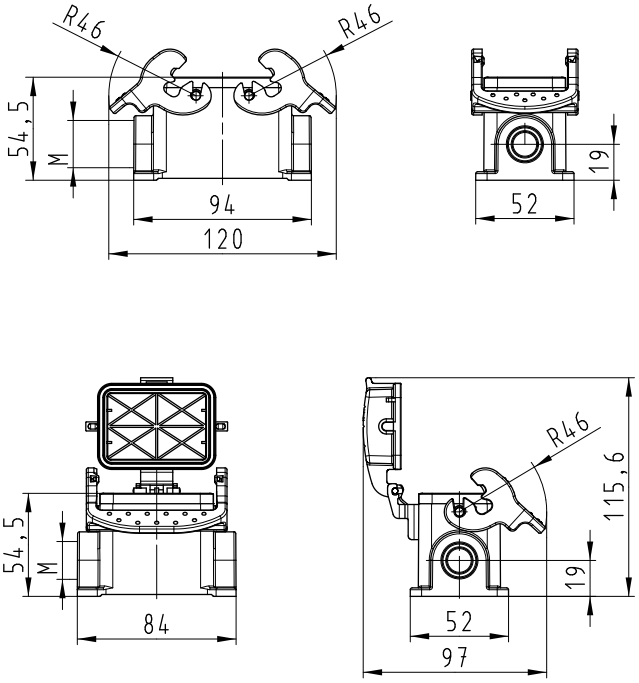
open



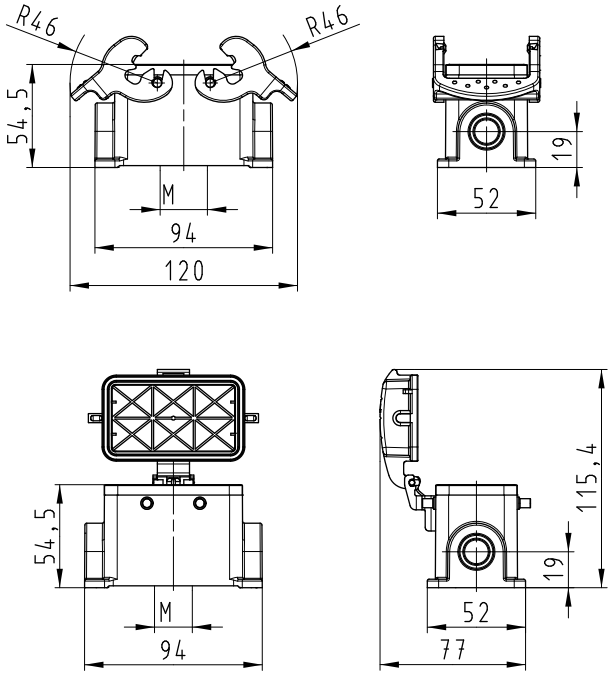
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Bases, double locking lever
Size 10H, increased height design

Bases
Size 10H,
increased height design

closed M25
2 cable glands
without cover
with cover

Description	Type	M	Part No.	P.U.
Bases, size 10H	**Aluminum housing**			
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GB 10H M25 A0	25	73.330.1035.0	1
with threaded collar	BAS GUT GB 10H M25 A1	25	73.330.1035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GF 10H M25 A0	25	73.340.1035.0	1
with threaded collar	BAS GUT GF 10H M25 A1	25	73.340.1035.1	1
2 cable glands, 2 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GB 10H M32 A0	32	73.334.1035.0	1
with threaded collar	BAS GUT GB 10H M32 A1	32	73.334.1035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GF 10H M32 A0	32	73.344.1035.0	1
with threaded collar	BAS GUT GF 10H M32 A1	32	73.344.1035.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GC 10H M25 A0	25	73.331.1035.0	1
with threaded collar	BAS GUT GC 10H M25 A1	25	73.331.1035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GG 10H M25 A0	25	73.341.1035.0	1
with threaded collar	BAS GUT GG 10H M25 A1	25	73.341.1035.1	1
1 cable gland, left, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GC 10H M32 A0	32	73.335.1035.0	1
with threaded collar	BAS GUT GC 10H M32 A1	32	73.335.1035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GG 10H M32 A0	32	73.345.1035.0	1
with threaded collar	BAS GUT GG 10H M32 A1	32	73.345.1035.1	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GH 10H M25 A0	25	73.342.1035.0	1
with threaded collar	BAS GUT GH 10H M25 A1	25	73.342.1035.1	1
1 cable gland, right, 1 x M32				
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GH 10H M32 A0	32	73.346.1035.0	1
with threaded collar	BAS GUT GH 10H M32 A1	32	73.346.1035.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

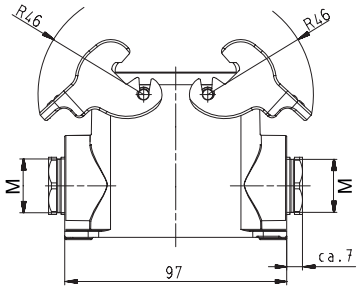
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Contact inserts				
See the product matrix			Page 24–25	

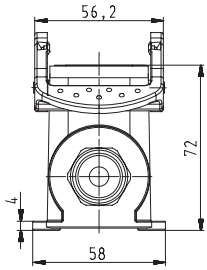
Subject to change without further notice

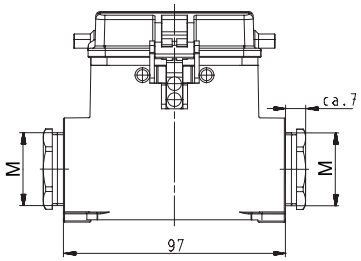
Dimensions

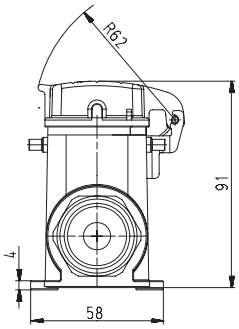
Bases

closed, 2 cable glands

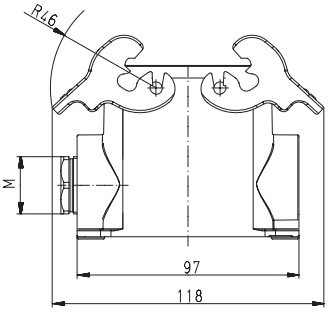


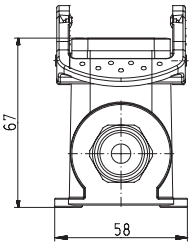


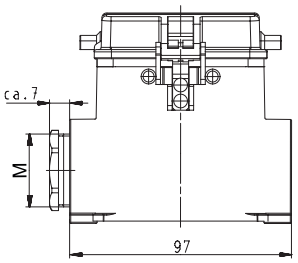


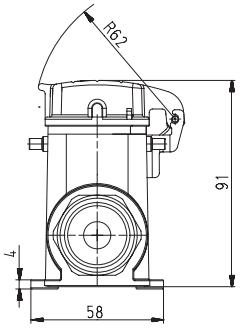


closed, 1 cable gland









Hoods, single locking lever
Size 16

Hoods
Size 16

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings

Description	Type	M	Part No.	P.U.
Hoods, size 16	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GG 16 M25 A0	25	71.350.1635.0	1
with threaded collar	BAS GOT GG 16 M25 A1	25	71.350.1635.1	1
with intermediate support	BAS GOT GG 16 M25 A2	25	71.350.1635.2	1
with strain relief, IP54	BAS GOT GG 16 M25 A3	25	71.350.1635.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GG 16 M32 A0	32	71.353.1635.0	1
with threaded collar	BAS GOT GG 16 M32 A1	32	71.353.1635.1	1
with intermediate support	BAS GOT GG 16 M32 A2	32	71.353.1635.2	1
with strain relief, IP54	BAS GOT GG 16 M32 A3	32	71.353.1635.3	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GI 16 M25 A0	25	71.352.1635.0	1
with threaded collar	BAS GOT GI 16 M25 A1	25	71.352.1635.1	1
with intermediate support	BAS GOT GI 16 M25 A2	25	71.352.1635.2	1
with strain relief, IP54	BAS GOT GI 16 M25 A3	25	71.352.1635.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GI 16 M32 A0	32	71.354.1635.0	1
with threaded collar	BAS GOT GI 16 M32 A1	32	71.354.1635.1	1
with intermediate support	BAS GOT GI 16 M32 A2	32	71.354.1635.2	1
with strain relief, IP54	BAS GOT GI 16 M32 A3	32	71.354.1635.3	1
Multipole connectors for cable-to-cable couplings M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GI 16 M25 A0	25	71.352.1635.0	1
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm Locking levers and gasket	BAS GOT GL 16 M25 A0	25	71.372.1635.0	1
with threaded collar	BAS GOT GI 16 M25 A1	25	71.352.1635.1	1
with threaded collar Locking levers and gasket	BAS GOT GL 16 M25 A1	25	71.372.1635.1	1
with strain relief, IP54	BAS GOT GI 16 M25 A3	25	71.352.1635.3	1
with strain relief, IP54 Locking levers and gasket	BAS GOT GL 16 M25 A3	25	71.372.1635.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers at Multipole connectors	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket at Multipole connectors	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

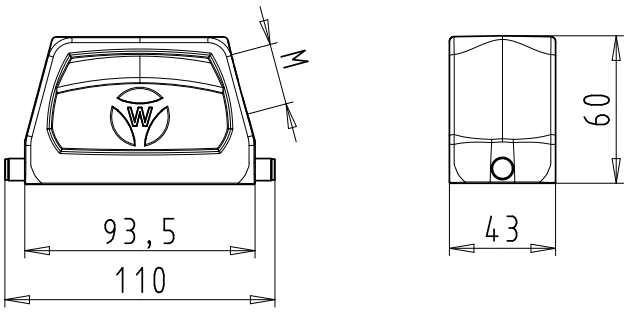
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

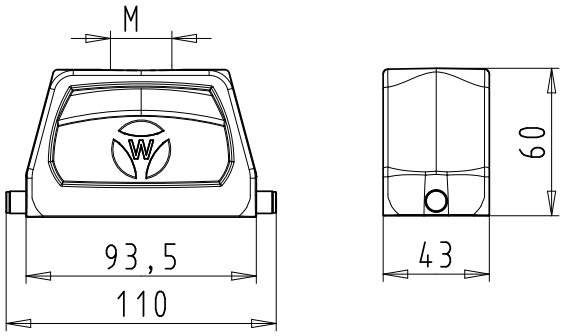
Dimensions

Hoods

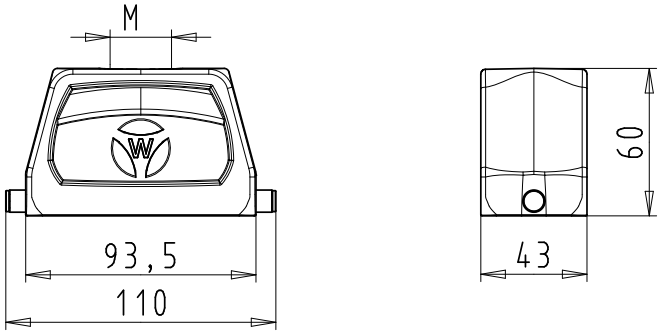
Lateral cable entry

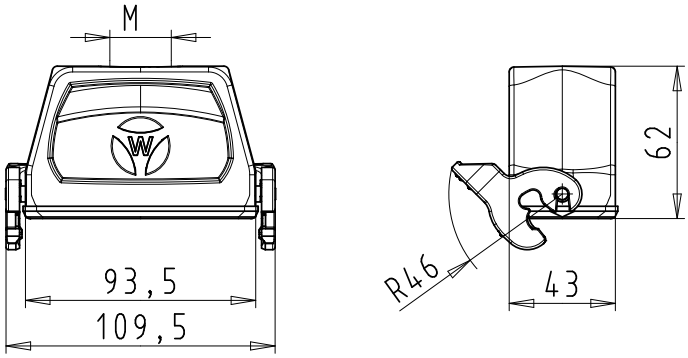


Top cable entry



Multipole connectors for cable-to-cable couplings





Hoods, single locking lever
Size 16H, increased height design

Hoods
Size 16H, increased height design

Lateral cable entry

Top cable entry

Front cable entry

Multipole connectors for cable-to-cable couplings

Description	Type	M	Part No.	P.U.
Hoods, size 16H	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GG 16H M25 A0	25	76.350.4035.0	1
with threaded collar	BAS GOT GG 16H M25 A1	25	76.350.4035.1	1
with intermediate support	BAS GOT GG 16H M25 A2	25	76.350.4035.2	1
with strain relief, IP54	BAS GOT GG 16H M25 A3	25	76.350.4035.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GG 16H M32 A0	32	76.353.4035.0	1
with threaded collar	BAS GOT GG 16H M32 A1	32	76.353.4035.1	1
with intermediate support	BAS GOT GG 16H M32 A2	32	76.353.4035.2	1
with strain relief, IP54	BAS GOT GG 16H M32 A3	32	76.353.4035.3	1
Lateral cable entry M40				
with cable gland, IP54, ⇥IØ⇤ 19 – 27 mm	BAS GOT GG 16H M40 A0	40	76.360.4035.0	1
with threaded collar	BAS GOT GG 16H M40 A1	40	76.360.4035.1	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GI 16H M25 A0	25	76.352.4035.0	1
with threaded collar	BAS GOT GI 16H M25 A1	25	76.352.4035.1	1
with intermediate support	BAS GOT GI 16H M25 A2	25	76.352.4035.2	1
with strain relief, IP54	BAS GOT GI 16H M25 A3	25	76.352.4035.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GI 16H M32 A0	32	76.354.4035.0	1
with threaded collar	BAS GOT GI 16H M32 A1	32	76.354.4035.1	1
with intermediate support	BAS GOT GI 16H M32 A2	32	76.354.4035.2	1
with strain relief, IP54	BAS GOT GI 16H M32 A3	32	76.354.4035.3	1
Top cable entry M40				
with threaded collar	BAS GOT GI 16H M40 A1	40	76.362.4035.1	1
Front cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GH 16H M25 A0	25	76.351.1635.0	1
with threaded collar	BAS GOT GH 16H M25 A1	25	76.351.1635.1	1
with intermediate support	BAS GOT GH 16H M25 A2	25	76.351.1635.2	1
with strain relief, IP54, ⇥IØ⇤ 14 – 20 mm	BAS GOT GH 16H M25 A3	25	76.351.1635.3	1
Multipole connectors for cable-to-cable couplings M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GI 16H M32 A0	32	76.354.4035.0	1
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm Locking levers and gasket	BAS GOT GL 16H M32 A0	32	76.374.4035.0	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers at Multipole connectors	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket at Multipole connectors	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

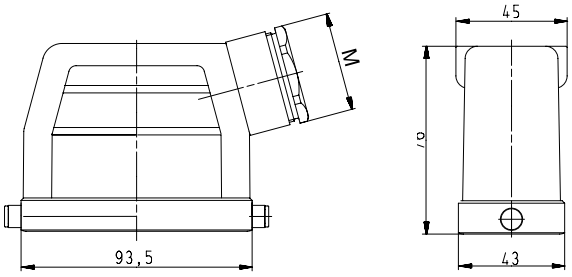
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	1
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	1
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	25	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24-25	

Subject to change without further notice

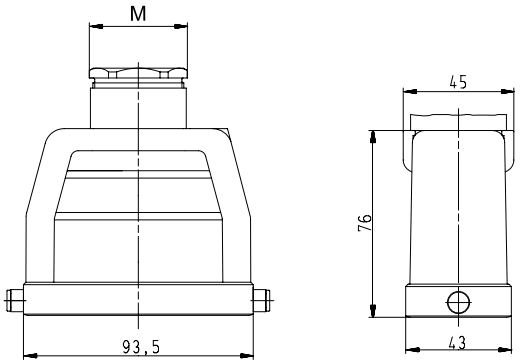
Dimensions

Hoods

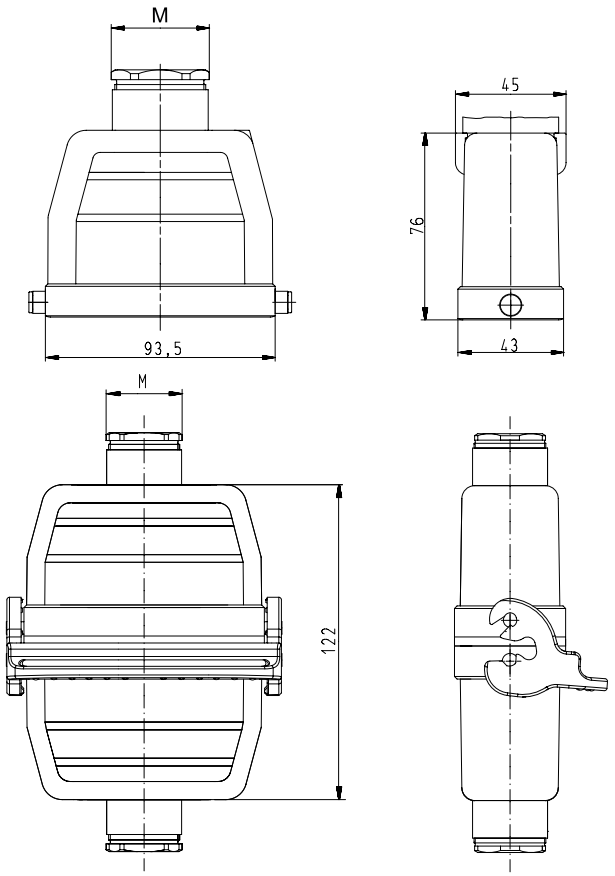
Lateral cable entry



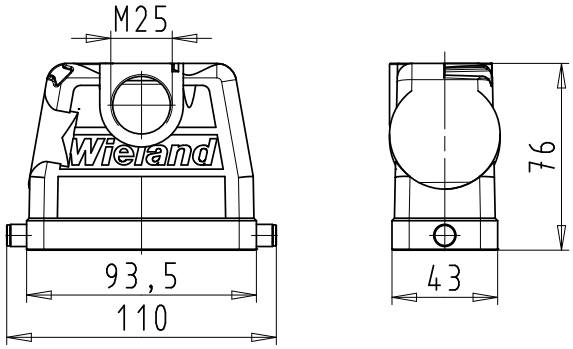
Top cable entry



Multipole connectors for cable-to-cable couplings



Front cable entry



Bases, single locking lever
Size 16

Bases, Size 16

open

without cover
with cover

closed
1 cable gland

without cover
with cover

closed
1 cable gland, bottom

without cover
with cover

Description	Type	M	Part No.	P.U.
Bases, size 16	**Aluminum housing**			
Open-bottom base				
without cover	BAS GUT GK 16 A		71.320.1628.0	1
with cover	BAS GUT GP 16 A		71.325.1628.0	1
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GL 16 M25 A0	25	71.330.1635.0	1
with threaded collar	BAS GUT GL 16 M25 A1	25	71.330.1635.1	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GR 16 M25 A0	25	71.340.1635.0	1
with threaded collar	BAS GUT GR 16 M25 A1	25	71.340.1635.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GM 16 M25 A0	25	71.331.1635.0	1
with threaded collar	BAS GUT GM 16 M25 A1	25	71.331.1635.1	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GS 16 M25 A0	25	71.341.1635.0	1
with threaded collar	BAS GUT GS 16 M25 A1	25	71.341.1635.1	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GT 16 M25 A0	25	71.342.1635.0	1
with threaded collar	BAS GUT GT 16 M25 A1	25	71.342.1635.1	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GO 16 M25 A0	25	71.333.1635.0	1
with threaded collar	BAS GUT GO 16 M25 A1	25	71.333.1635.1	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GU 16 M25 A0	25	71.343.1635.0	1
with threaded collar	BAS GUT GU 16 M25 A1	25	71.343.1635.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

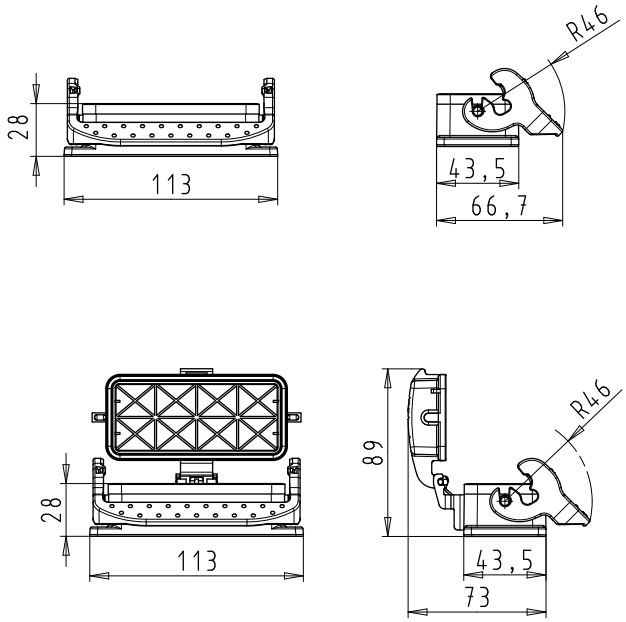
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

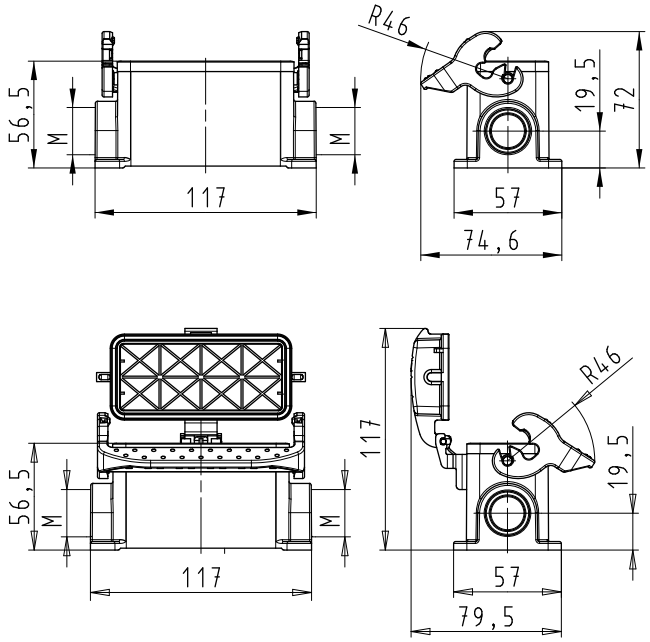
Dimensions

Bases

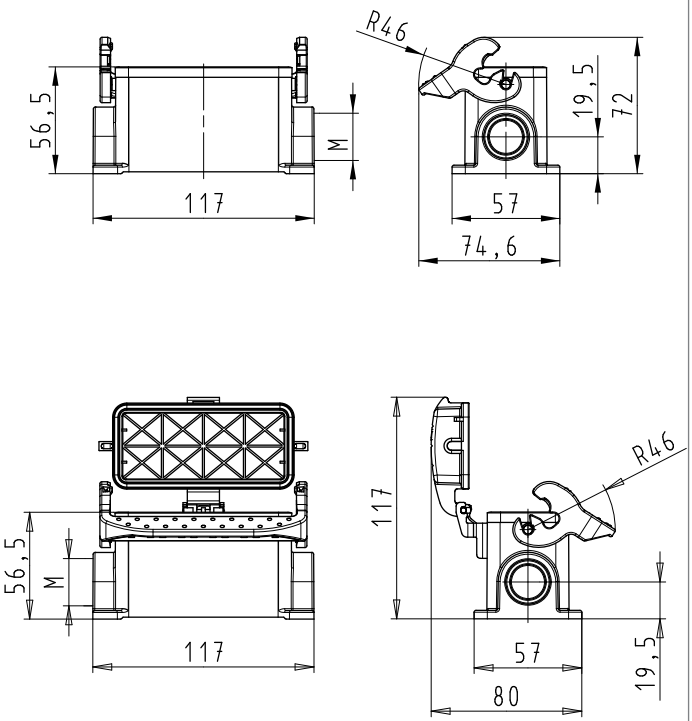
open



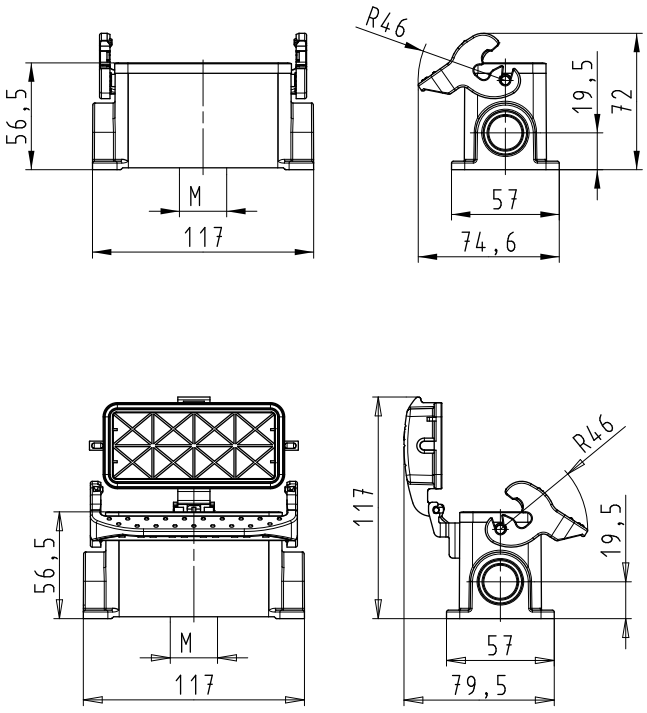
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Bases, single locking lever
Size 16H, increased height design

Bases
Size 16H,
increased height design

closed M25
2 cable glands

without cover
with cover

closed M32
2 cable glands

without cover
with cover

closed M25
1 cable gland, bottom

without cover
with cover

Description	Type	M	Part No.	P.U.
Bases, size 16H	**Aluminum housing**			
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GL 16H M25 A0	25	76.330.4035.0	1
with threaded collar	BAS GUT GL 16H M25 A1	25	76.330.4035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GR 16H M25 A0	25	76.340.4035.0	1
with threaded collar	BAS GUT GR 16H M25 A1	25	76.340.4035.1	1
2 cable glands, 2 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GL 16H M32 A0	32	76.334.4035.0	1
with threaded collar	BAS GUT GL 16H M32 A1	32	76.334.4035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GR 16H M32 A0	32	76.344.4035.0	1
with threaded collar	BAS GUT GR 16H M32 A1	32	76.344.4035.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GM 16H M25 A0	25	76.331.4035.0	1
with threaded collar	BAS GUT GM 16H M25 A1	25	76.331.4035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GS 16H M25 A0	25	76.341.4035.0	1
with threaded collar	BAS GUT GS 16H M25 A1	25	76.341.4035.1	1
1 cable gland, left, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GM 16H M32 A0	32	76.335.4035.0	1
with threaded collar	BAS GUT GM 16H M32 A1	32	76.335.4035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GS 16H M32 A0	32	76.345.4035.0	1
with threaded collar	BAS GUT GS 16H M32 A1	32	76.345.4035.1	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GT 16H M25 A0	25	76.342.4035.0	1
with threaded collar	BAS GUT GT 16H M25 A1	25	76.342.4035.1	1
1 cable gland, right, 1 x M32				
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GT 16H M32 A0	32	76.346.4035.0	1
with threaded collar	BAS GUT GT 16H M32 A1	32	76.346.4035.1	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GO 16H M25 A0	25	76.333.4035.0	1
with threaded collar	BAS GUT GO 16H M25 A1	25	76.333.4035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GU 16H M25 A0	25	76.343.4035.0	1
with threaded collar	BAS GUT GU 16H M25 A1	25	76.343.4035.1	1
1 cable gland, bottom, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GO 16H M32 A0	32	76.337.4035.0	1
with threaded collar	BAS GUT GO 16H M32 A1	32	76.337.4035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GU 16H M32 A0	32	76.347.4035.0	1
with threaded collar	BAS GUT GU 16H M32 A1	32	76.347.4035.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Contact inserts				
See the product matrix			Page 24–25	

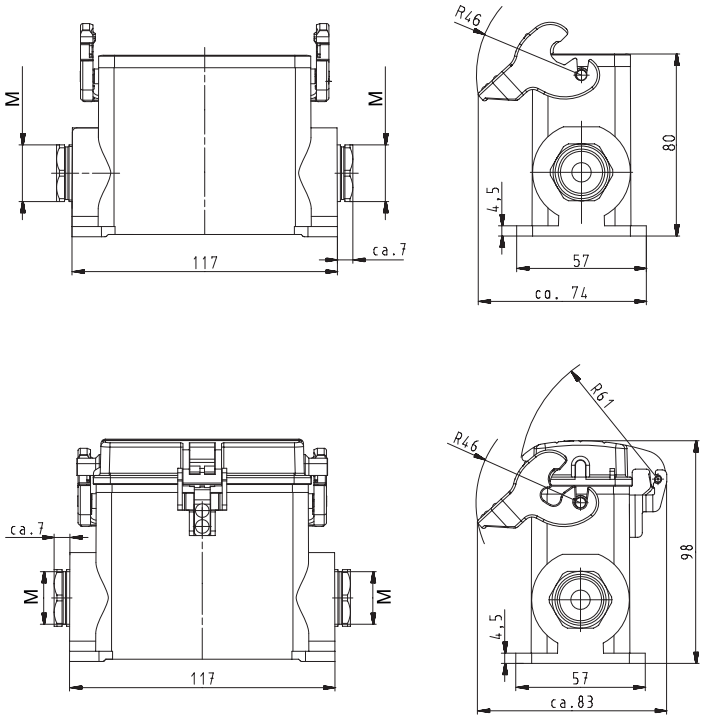
All Bases on this page are also available in M40 design.
Part numbers available on request.

Subject to change without further notice

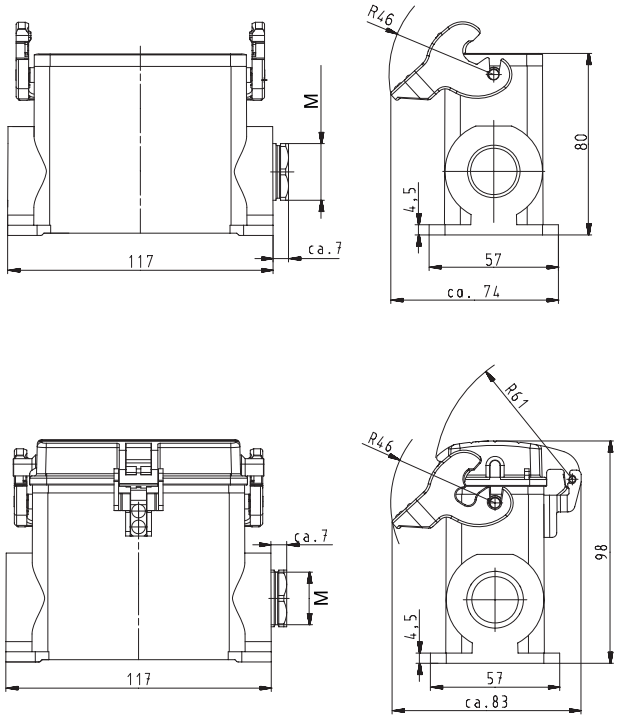
Dimensions

Bases

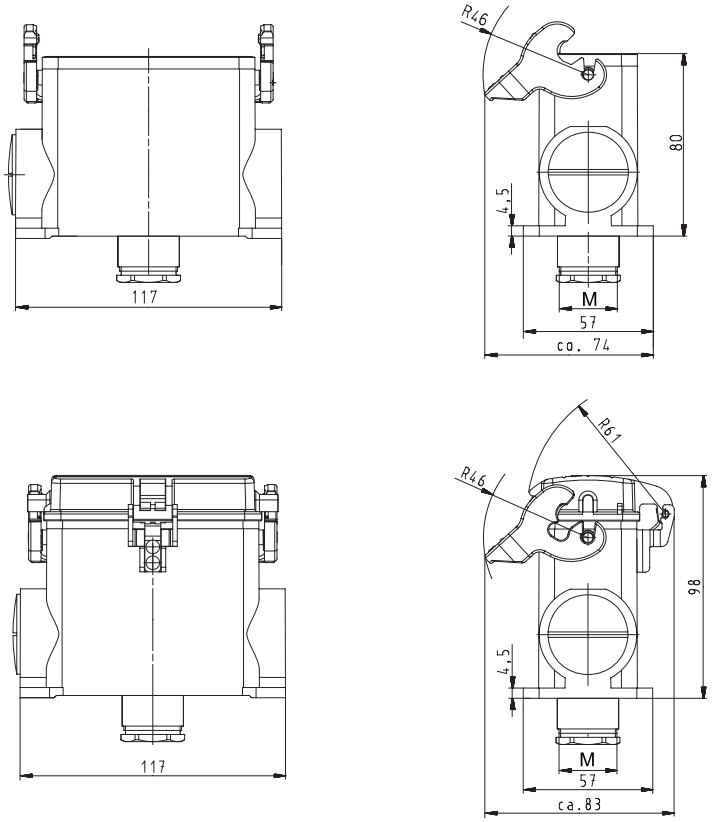
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Hoods, double locking lever
Size 16

Hoods
Size 16

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 16	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GA 16 M25 A0	25	70.350.1635.0	1
with threaded collar	BAS GOT GA 16 M25 A1	25	70.350.1635.1	1
with intermediate support	BAS GOT GA 16 M25 A2	25	70.350.1635.2	1
with strain relief, IP54	BAS GOT GA 16 M25 A3	25	70.350.1635.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GA 16 M32 A0	32	70.353.1635.0	1
with threaded collar	BAS GOT GA 16 M32 A1	32	70.353.1635.1	1
with intermediate support	BAS GOT GA 16 M32 A2	32	70.353.1635.2	1
with strain relief, IP54	BAS GOT GA 16 M32 A3	32	70.353.1635.3	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GC 16 M25 A0	25	70.352.1635.0	1
with threaded collar	BAS GOT GC 16 M25 A1	25	70.352.1635.1	1
with intermediate support	BAS GOT GC 16 M25 A2	25	70.352.1635.2	1
with strain relief, IP54	BAS GOT GC 16 M25 A3	25	70.352.1635.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GC 16 M32 A0	32	70.354.1635.0	1
with threaded collar	BAS GOT GC 16 M32 A1	32	70.354.1635.1	1
with intermediate support	BAS GOT GC 16 M32 A2	32	70.354.1635.2	1
with strain relief, IP54	BAS GOT GC 16 M32 A3	32	70.354.1635.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	-
Gasket	-
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

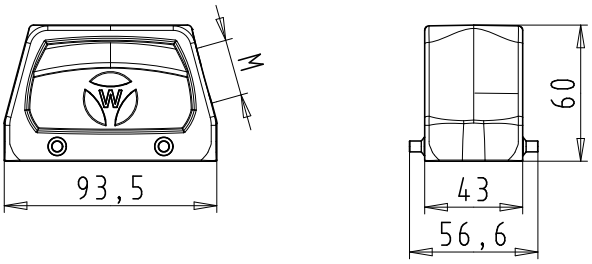
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

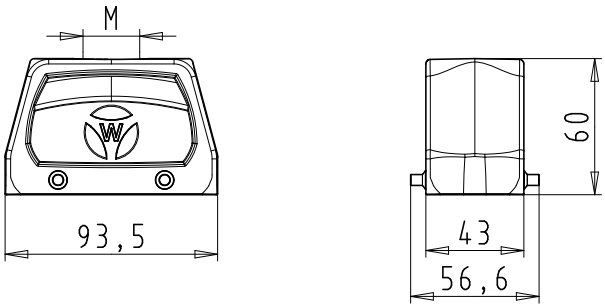
Dimensions

Hoods

500 V Size 16
Lateral cable entry



500 V Size 16
Top cable entry



Hoods, double locking lever with Locking levers, Size 16

Hoods Size 16

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings

Description	Type	M	Part No.	P.U.
Hoods, size 16	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GD 16 M25 A0	25	70.355.1635.0	1
with threaded collar	BAS GOT GD 16 M25 A1	25	70.355.1635.1	1
with intermediate support	BAS GOT GD 16 M25 A2	25	70.355.1635.2	1
with strain relief, IP54	BAS GOT GD 16 M25 A3	25	70.355.1635.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GD 16 M32 A0	32	70.358.1635.0	1
with threaded collar	BAS GOT GD 16 M32 A1	32	70.358.1635.1	1
with intermediate support	BAS GOT GD 16 M32 A2	32	70.358.1635.2	1
with strain relief, IP54	BAS GOT GD 16 M32 A3	32	70.358.1635.3	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GF 16 M25 A0	25	70.357.1635.0	1
with threaded collar	BAS GOT GF 16 M25 A1	25	70.357.1635.1	1
with intermediate support	BAS GOT GF 16 M25 A2	25	70.357.1635.2	1
with strain relief, IP54	BAS GOT GF 16 M25 A3	25	70.357.1635.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GF 16 M32 A0	32	70.359.1635.0	1
with threaded collar	BAS GOT GF 16 M32 A1	32	70.359.1635.1	1
with intermediate support	BAS GOT GF 16 M32 A2	32	70.359.1635.2	1
with strain relief, IP54	BAS GOT GF 16 M32 A3	32	70.359.1635.3	1
Multipole connectors for cable-to-cable couplings M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GC 16 M25 A0	25	70.352.1635.0	1
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm Locking levers and gasket	BAS GOT GK 16 M25 A0	25	70.372.1635.0	1
with threaded collar	BAS GOT GC 16 M25 A1	25	70.352.1635.1	1
with threaded collar Locking levers and gasket	BAS GOT GK 16 M25 A1	25	70.372.1635.1	1
with strain relief, IP54	BAS GOT GC 16 M25 A3	25	70.352.1635.3	1
with strain relief, IP54 Locking levers and gasket	BAS GOT GK 16 M25 A3	25	70.372.1635.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket for Multipole connectors	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

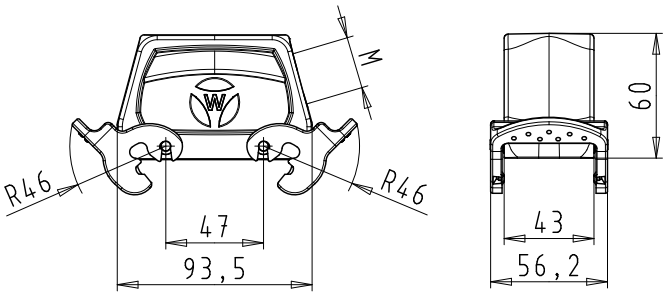
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

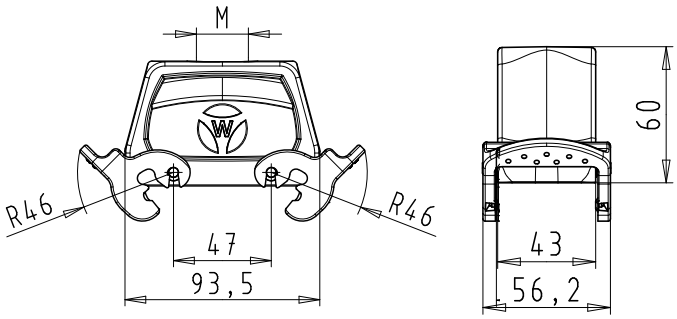
Dimensions

Hoods with Locking levers

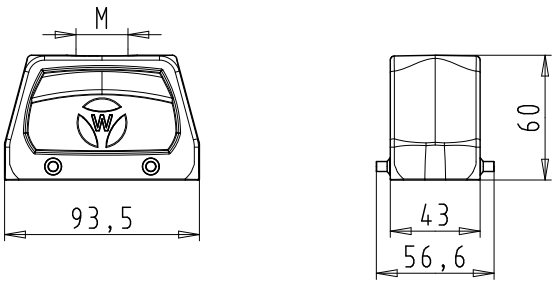
Lateral cable entry

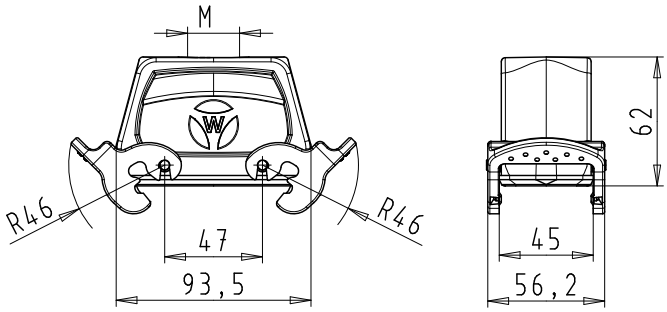


Top cable entry



Multipole connectors for cable-to-cable couplings





Hoods, double locking lever
Size 16H, increased height design

Hoods
Size 16H, increased height design

Lateral cable entry

Top cable entry

Front cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 16H	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GA 16H M25 A0	25	73.350.4035.0	1
with threaded collar	BAS GOT GA 16H M25 A1	25	73.350.4035.1	1
with intermediate support	BAS GOT GA 16H M25 A2	25	73.350.4035.2	1
with strain relief, IP54	BAS GOT GA 16H M25 A3	25	73.350.4035.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GA 16H M32 A0	32	73.353.4035.0	1
with threaded collar	BAS GOT GA 16H M32 A1	32	73.353.4035.1	1
with intermediate support	BAS GOT GA 16H M32 A2	32	73.353.4035.2	1
with strain relief, IP54	BAS GOT GA 16H M32 A3	32	73.353.4035.3	1
Lateral cable entry M40				
with cable gland, IP54, ⇥IØ⇤ 23 – 32 mm	BAS GOT GA 16H M40 A0	40	73.360.4035.0	1
with threaded collar	BAS GOT GA 16H M40 A1	40	73.360.4035.1	1
with intermediate support	BAS GOT GA 16H M40 A2	40	73.360.4035.2	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GC 16H M25 A0	25	73.352.4035.0	1
with threaded collar	BAS GOT GC 16H M25 A1	25	73.352.4035.1	1
with intermediate support	BAS GOT GC 16H M25 A2	25	73.352.4035.2	1
with strain relief, IP54	BAS GOT GC 16H M25 A3	25	73.352.4035.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GC 16H M32 A0	32	73.354.4035.0	1
with threaded collar	BAS GOT GC 16H M32 A1	32	73.354.4035.1	1
with intermediate support	BAS GOT GC 16H M32 A2	32	73.354.4035.2	1
with strain relief, IP54	BAS GOT GC 16H M32 A3	32	73.354.4035.3	1
Top cable entry M40				
with cable gland, IP54, ⇥IØ⇤ 23 – 32 mm	BAS GOT GC 16H M40 A0	40	73.362.4035.0	1
with threaded collar	BAS GOT GC 16H M40 A1	40	73.362.4035.1	1
Front cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GB 16H M25 A0	25	73.351.1635.0	1
with threaded collar	BAS GOT GB 16H M25 A1	25	73.351.1635.1	1
with intermediate support	BAS GOT GB 16H M25 A2	25	73.351.1635.2	1
with strain relief, IP54, ⇥IØ⇤ 14 – 20 mm	BAS GOT GB 16H M25 A3	25	73.351.1635.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	-
Gasket	-
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

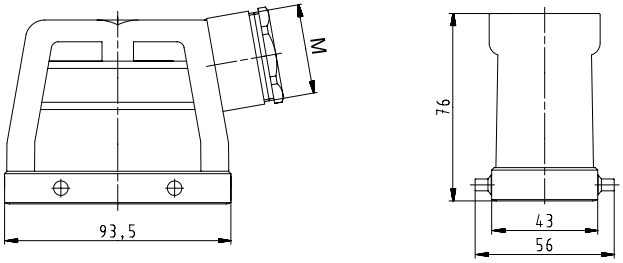
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	1
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	1
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

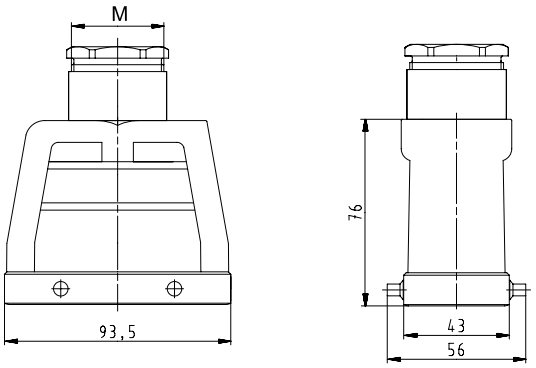
Dimensions

Hoods

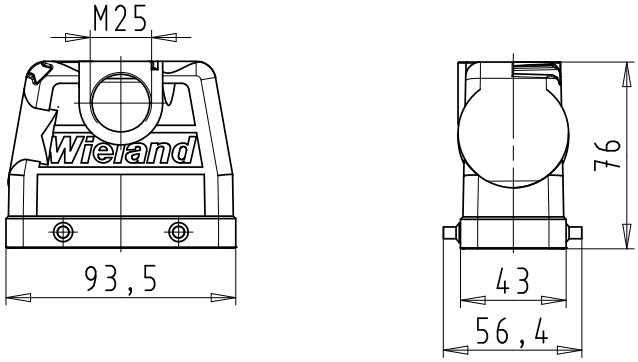
Lateral cable entry



Top cable entry



Front cable entry



Hoods, double locking lever with Locking levers, Size 16H, increased height design

Hoods
Size 16H, increased height design

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 16H	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GD 16H M25 A0	25	73.355.4035.0	1
with threaded collar	BAS GOT GD 16H M25 A1	25	73.355.4035.1	1
with intermediate support	BAS GOT GD 16H M25 A2	25	73.355.4035.2	1
with strain relief, IP54	BAS GOT GD 16H M25 A3	25	73.355.4035.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GD 16H M32 A0	32	73.358.4035.0	1
with threaded collar	BAS GOT GD 16H M32 A1	32	73.358.4035.1	1
with intermediate support	BAS GOT GD 16H M32 A2	32	73.358.4035.2	1
with strain relief, IP54	BAS GOT GD 16H M32 A3	32	73.358.4035.3	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GF 16H M25 A0	25	73.357.4035.0	1
with threaded collar	BAS GOT GF 16H M25 A1	25	73.357.4035.1	1
with intermediate support	BAS GOT GF 16H M25 A2	25	73.357.4035.2	1
with strain relief, IP54	BAS GOT GF 16H M25 A3	25	73.357.4035.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GF 16H M32 A0	32	73.359.4035.0	1
with threaded collar	BAS GOT GF 16H M32 A1	32	73.359.4035.1	1
with intermediate support	BAS GOT GF 16H M32 A2	32	73.359.4035.2	1
with strain relief, IP54	BAS GOT GF 16H M32 A3	32	73.359.4035.3	1

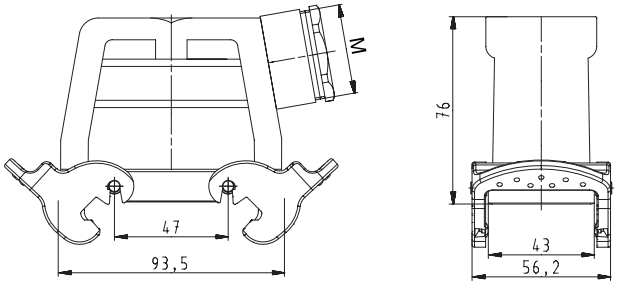
Technical data	
Material metal/plastic	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	-
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

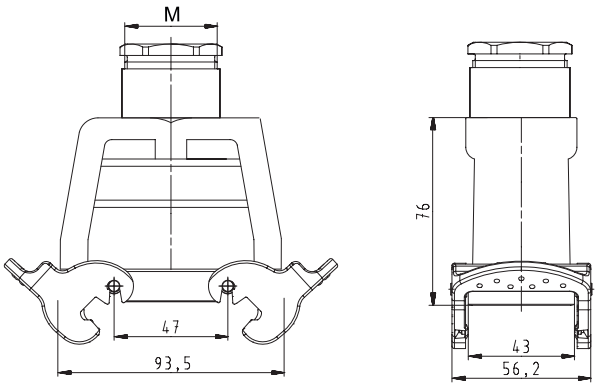
Dimensions

Hoods

Lateral cable entry



Top cable entry



Subject to change without further notice

Hoods, double locking lever
Size 16XL

Hoods
Size 16XL

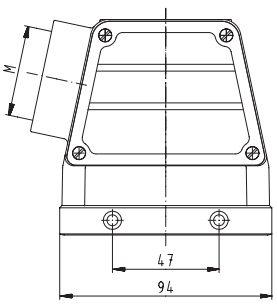
Lateral cable entry
with intermediate support

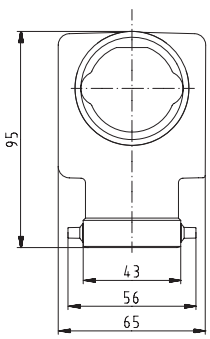
Description	Type	M	Part No.	P.U.
Hoods, size 16XL	**Aluminum housing**			
Lateral cable entry M40				
with intermediate support	POW GOT GA 16 M40 69 A2	40	72.250.1635.2	1
Technical data				
Material	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers	-			
Gasket	-			
Degree of protection				
with latched locking levers	-			
with appropriate cable glands	IP65			
Temperature range	-40 … +120 °C			

Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	1
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	1
Contact inserts				
See the product matrix			Page 24–25	

Dimensions

Lateral cable entry





Bases, double locking lever
Size 16

Bases, Size 16

open
without cover
with cover

closed
1 cable gland, lateral
without cover
with cover

closed
1 cable gland, bottom
without cover
with cover

Description	Type	M	Part No.	P.U.
Bases, size 16	**Aluminum housing**			
Open-bottom base				
without cover	BAS GUT GA 16 A		70.320.1628.0	1
with cover	BAS GUT GE 16 A		70.325.1628.0	1
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GB 16 M25 A0	25	70.330.1635.0	1
with threaded collar	BAS GUT GB 16 M25 A1	25	70.330.1635.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GF 16 M25 A0	25	70.340.1635.0	1
with threaded collar	BAS GUT GF 16 M25 A1	25	70.340.1635.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GC 16 M25 A0	25	70.331.1635.0	1
with threaded collar	BAS GUT GC 16 M25 A1	25	70.331.1635.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GG 16 M25 A0	25	70.341.1635.0	1
with threaded collar	BAS GUT GG 16 M25 A1	25	70.341.1635.1	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GH 16 M25 A0	25	70.342.1635.0	1
with threaded collar	BAS GUT GH 16 M25 A1	25	70.342.1635.1	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GD 16 M25 A0	25	70.333.1635.0	1
with threaded collar	BAS GUT GD 16 M25 A1	25	70.333.1635.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GI 16 M25 A0	25	70.343.1635.0	1
with threaded collar	BAS GUT GI 16 M25 A1	25	70.343.1635.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

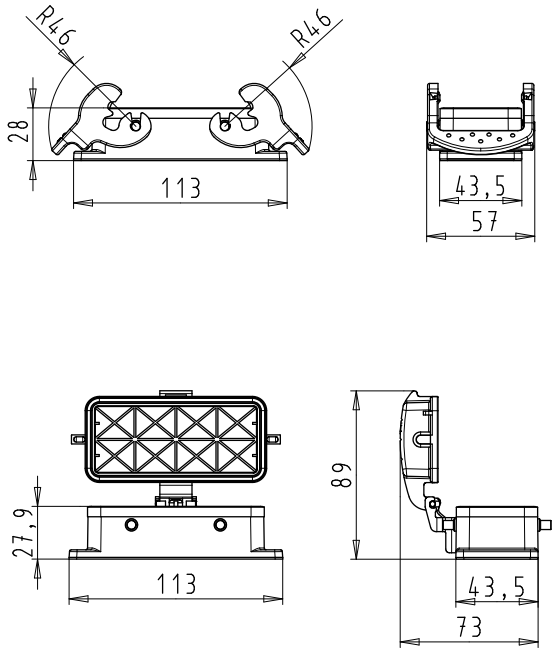
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

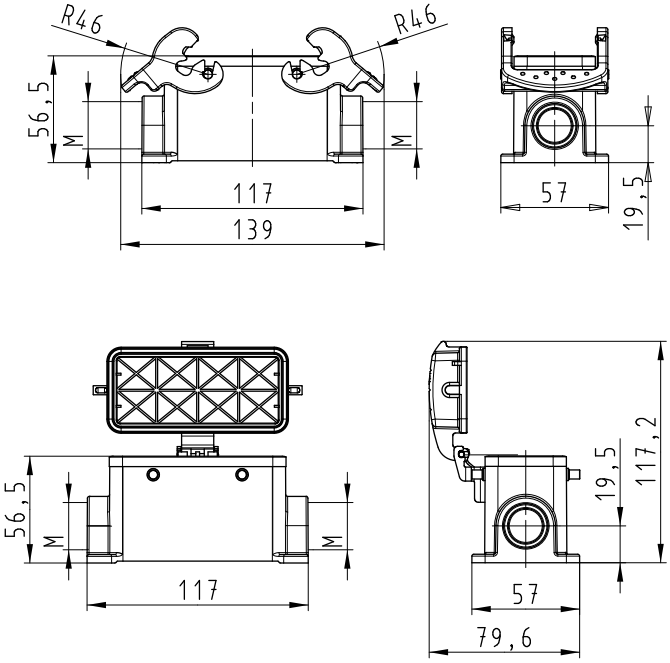
Dimensions

Bases

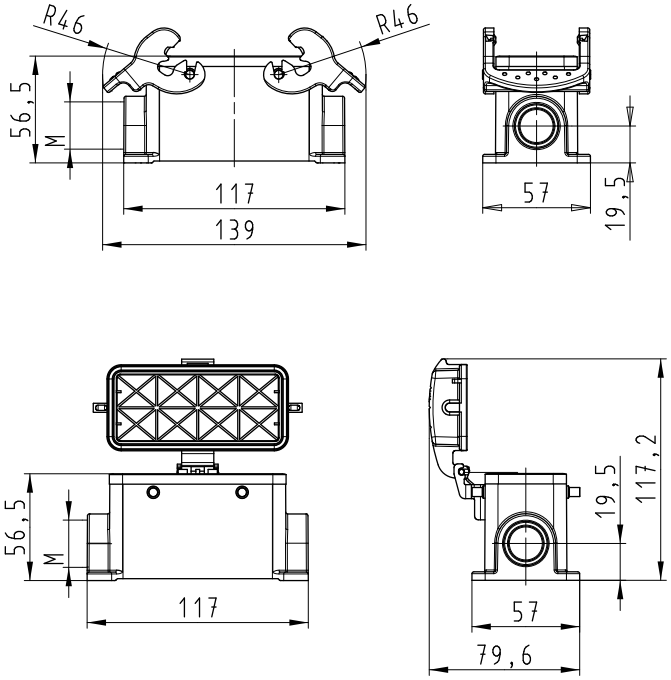
open



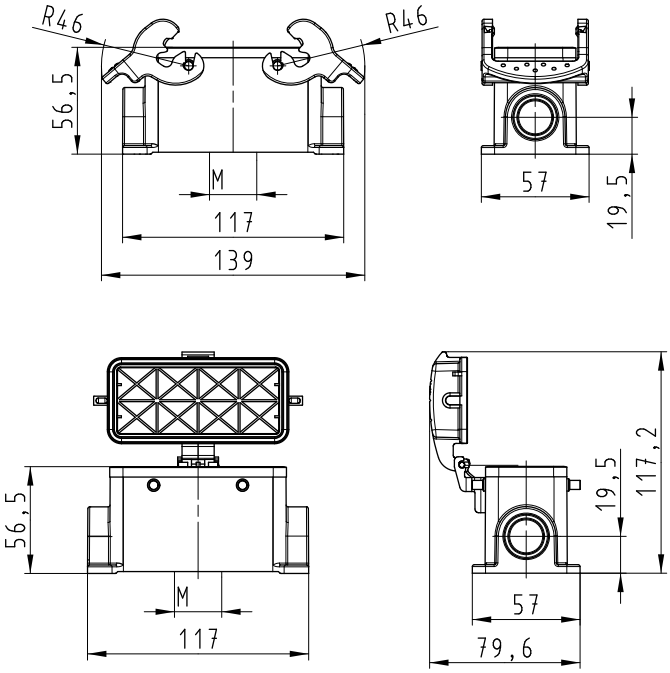
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Bases, double locking lever
Size 16H, increased height design

Bases
Size 16H,
increased height design

closed M25
2 cable glands

without cover
with cover

closed M32
2 cable glands

without cover
with cover

closed M25
1 cable gland, bottom

without cover
with cover

Description	Type	M	Part No.	P.U.
Bases, size 16H	**Aluminum housing**			
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GB 16H M25 A0	25	73.330.4035.0	1
with threaded collar	BAS GUT GB 16H M25 A1	25	73.330.4035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GF 16H M25 A0	25	73.340.4035.0	1
with threaded collar	BAS GUT GF 16H M25 A1	25	73.340.4035.1	1
2 cable glands, 2 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GB 16H M32 A0	32	73.334.4035.0	1
with threaded collar	BAS GUT GB 16H M32 A1	32	73.334.4035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GF 16H M32 A0	32	73.344.4035.0	1
with threaded collar	BAS GUT GF 16H M32 A1	32	73.344.4035.1	1
2 cable glands, 2 x M40				
without cover				
with threaded collar	BAS GUT GB 16H M40 A1	40	73.338.4035.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GC 16H M25 A0	25	73.331.4035.0	1
with threaded collar	BAS GUT GC 16H M25 A1	25	73.331.4035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GG 16H M25 A0	25	73.341.4035.0	1
with threaded collar	BAS GUT GG 16H M25 A1	25	73.341.4035.1	1
1 cable gland, left, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GC 16H M32 A0	32	73.335.4035.0	1
with threaded collar	BAS GUT GC 16H M32 A1	32	73.335.4035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GG 16H M32 A0	32	73.345.4035.0	1
with threaded collar	BAS GUT GG 16H M32 A1	32	73.345.4035.1	1
1 cable gland, left, 1 x M40				
without cover				
with cable gland, IP54, ⇥IØ⇤ 19 – 27 mm	BAS GUT GC 16H M40 A0	40	73.339.4035.0	1
with threaded collar	BAS GUT GC 16H M40 A1	40	73.339.4035.1	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GH 16H M25 A0	25	73.342.4035.0	1
with threaded collar	BAS GUT GH 16H M25 A1	25	73.342.4035.1	1
1 cable gland, right, 1 x M32				
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GH 16H M32 A0	32	73.346.4035.0	1
with threaded collar	BAS GUT GH 16H M32 A1	32	73.346.4035.1	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GD 16H M25 A0	25	73.333.4035.0	1
with threaded collar	BAS GUT GD 16H M25 A1	25	73.333.4035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GI 16H M25 A0	25	73.343.4035.0	1
with threaded collar	BAS GUT GI 16H M25 A1	25	73.343.4035.1	1
1 cable gland, bottom, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GD 16H M32 A0	32	73.337.4035.0	1
with threaded collar	BAS GUT GD 16H M32 A1	32	73.337.4035.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GI 16H M32 A0	32	73.347.4035.0	1
with threaded collar	BAS GUT GI 16H M32 A1	32	73.347.4035.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

All Bases on this page are also available in M40 design.
Part numbers available on request.

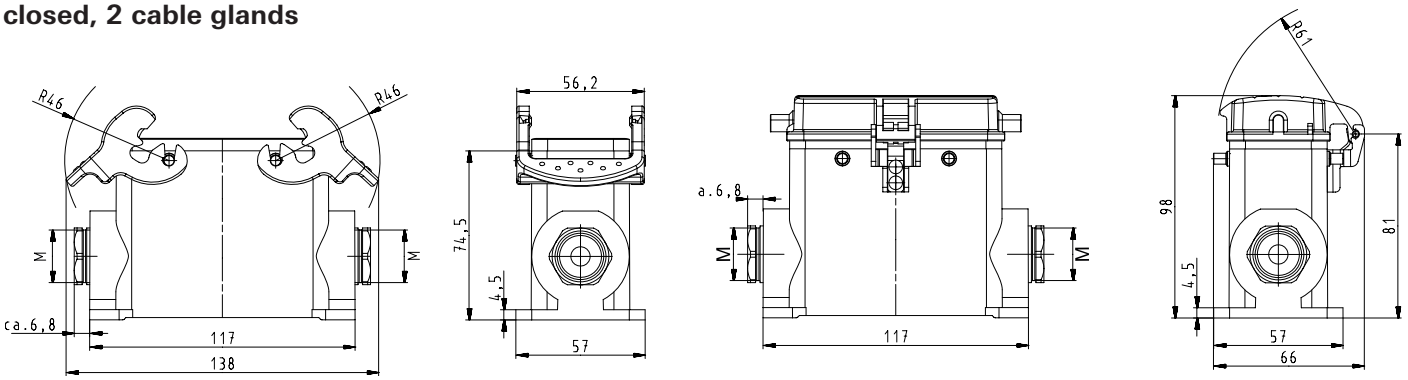
Subject to change without further notice

Accessories, Dimensions

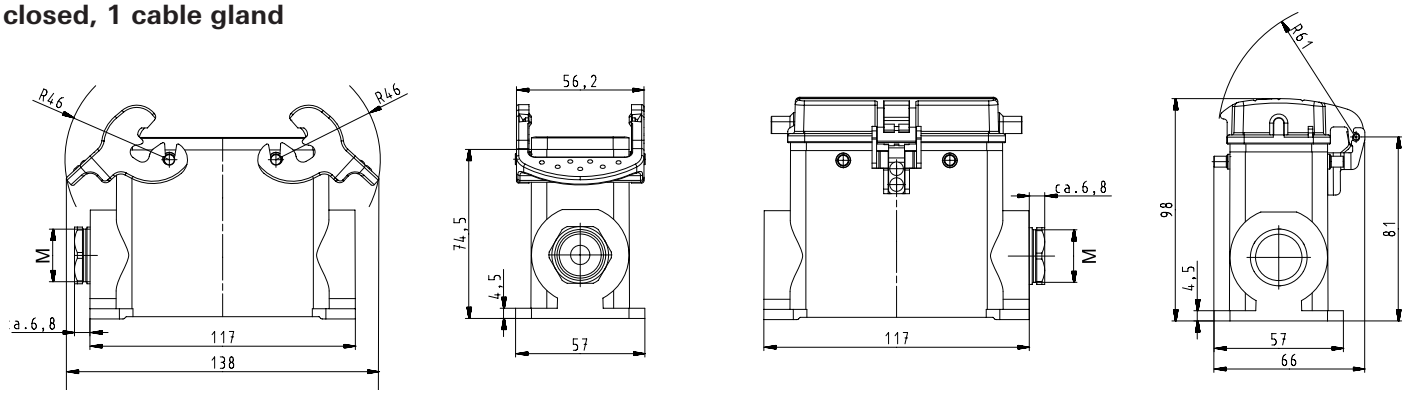
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	10
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	10
Contact inserts				
See the product matrix			Page 24–25	

Bases

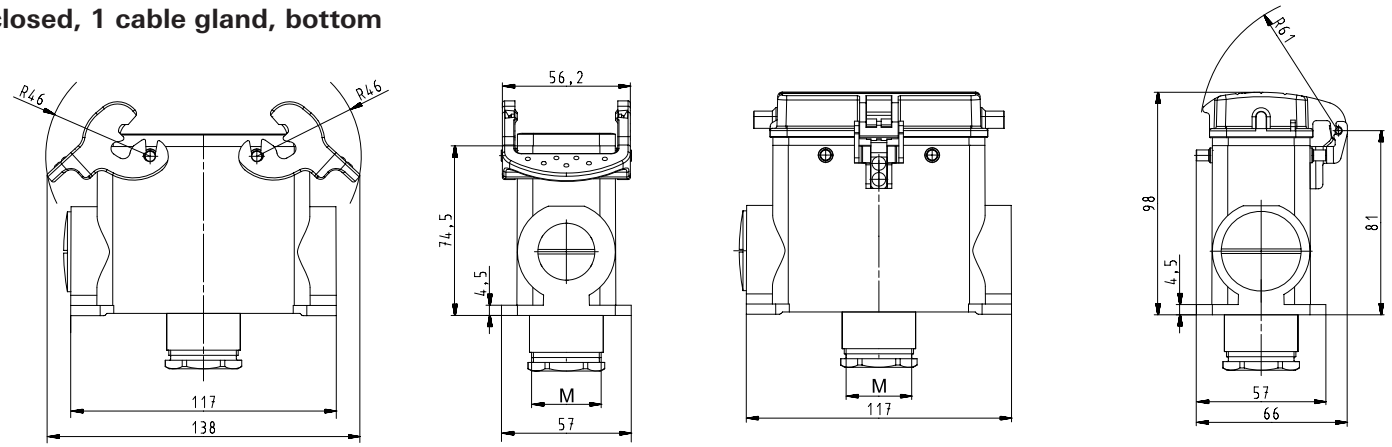
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Hoods, single locking lever
Size 24

Hoods
Size 24

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings

Description	Type	M	Part No.	P.U.
Hoods, size 24	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GG 24 M25 A0	25	71.350.2435.0	1
with threaded collar	BAS GOT GG 24 M25 A1	25	71.350.2435.1	1
with intermediate support	BAS GOT GG 24 M25 A2	25	71.350.2435.2	1
with strain relief, IP54	BAS GOT GG 24 M25 A3	25	71.350.2435.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GG 24 M32 A0	32	71.353.2435.0	1
with threaded collar	BAS GOT GG 24 M32 A1	32	71.353.2435.1	1
with intermediate support	BAS GOT GG 24 M32 A2	32	71.353.2435.2	1
with strain relief, IP54	BAS GOT GG 24 M32 A3	32	71.353.2435.3	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GI 24 M25 A0	25	71.352.2435.0	1
with threaded collar	BAS GOT GI 24 M25 A1	25	71.352.2435.1	1
with intermediate support	BAS GOT GI 24 M25 A2	25	71.352.2435.2	1
with strain relief, IP54	BAS GOT GI 24 M25 A3	25	71.352.2435.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GI 24 M32 A0	32	71.354.2435.0	1
with threaded collar	BAS GOT GI 24 M32 A1	32	71.354.2435.1	1
with intermediate support	BAS GOT GI 24 M32 A2	32	71.354.2435.2	1
with strain relief, IP54	BAS GOT GI 24 M32 A3	32	71.354.2435.3	1
Multipole connectors for cable-to-cable couplings M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GI 24 M25 A0	25	71.352.2435.0	1
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm Locking levers and gasket	BAS GOT GL 24 M25 A0	25	71.372.2435.0	1
with threaded collar	BAS GOT GI 24 M25 A1	25	71.352.2435.1	1
with threaded collar Locking levers and gasket	BAS GOT GL 24 M25 A1	25	71.372.2435.1	1
Multipole connectors for cable-to-cable couplings M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GI 24 M32 A0	32	71.354.2435.0	1
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm Locking levers and gasket	BAS GOT GL 24 M32 A0	32	71.374.2435.0	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers at Multipole connectors	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket at Multipole connectors	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

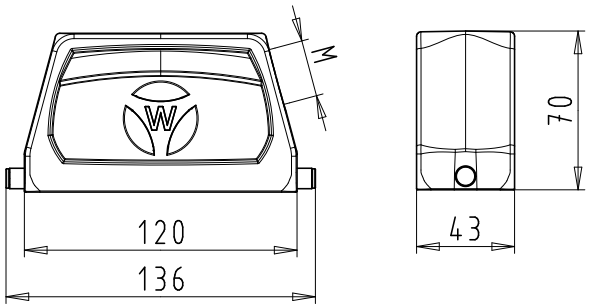
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

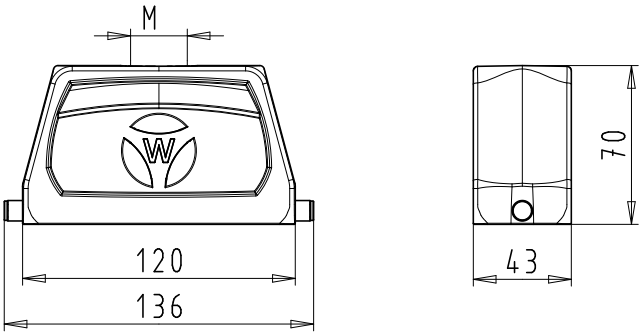
Dimensions

Hoods

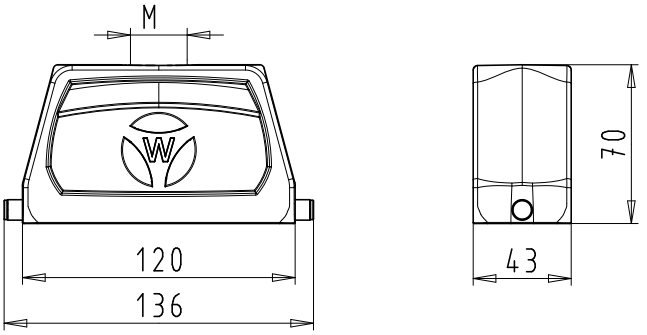
Lateral cable entry

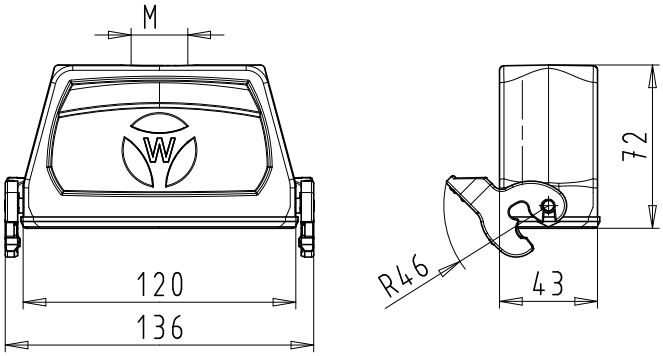


Top cable entry



Multipole connectors for cable-to-cable couplings





Hoods, single locking lever
Size 24H, increased height design

Hoods
Size 24H, increased height design

Lateral cable entry

Top cable entry

Front cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 24H	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GG 24H M25 A0	25	76.350.6435.0	1
with threaded collar	BAS GOT GG 24H M25 A1	25	76.350.6435.1	1
with intermediate support	BAS GOT GG 24H M25 A2	25	76.350.6435.2	1
with strain relief, IP54	BAS GOT GG 24H M25 A3	25	76.350.6435.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GG 24H M32 A0	32	76.353.6435.0	1
with threaded collar	BAS GOT GG 24H M32 A1	32	76.353.6435.1	1
with intermediate support	BAS GOT GG 24H M32 A2	32	76.353.6435.2	1
with strain relief, IP54	BAS GOT GG 24H M32 A3	32	76.353.6435.3	1
Lateral cable entry M40				
with threaded collar	BAS GOT GG 24H M40 A1	40	76.360.6435.1	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GI 24H M25 A0	25	76.352.6435.0	1
with threaded collar	BAS GOT GI 24H M25 A1	25	76.352.6435.1	1
with intermediate support	BAS GOT GI 24H M25 A2	25	76.352.6435.2	1
with strain relief, IP54	BAS GOT GI 24H M25 A3	25	76.352.6435.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GI 24H M32 A0	32	76.354.6435.0	1
with threaded collar	BAS GOT GI 24H M32 A1	32	76.354.6435.1	1
with intermediate support	BAS GOT GI 24H M32 A2	32	76.354.6435.2	1
with strain relief, IP54	BAS GOT GI 24H M32 A3	32	76.354.6435.3	1
Top cable entry M40				
with threaded collar	BAS GOT GI 24H M40 A1	40	76.362.6435.1	1
Front cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GH 24H M25 A0	25	76.351.2435.0	1
with threaded collar	BAS GOT GH 24H M25 A1	25	76.351.2435.1	1
with intermediate support	BAS GOT GH 24H M25 A2	25	76.351.2435.2	1
with strain relief, IP54, ⇥IØ⇤ 14 – 20 mm	BAS GOT GH 24H M25 A3	25	76.351.2435.3	1

Technical data	
Material metal/plastic	Die cast aluminum alloy
Surface	silicon-free
Locking levers	-
Gasket	-
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

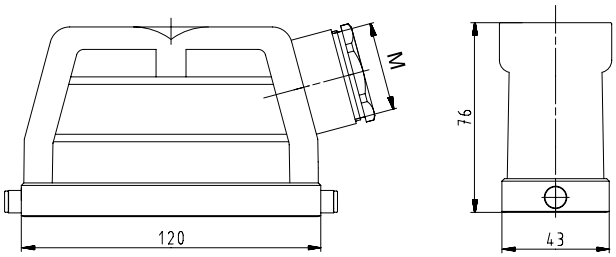
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	1
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	1
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

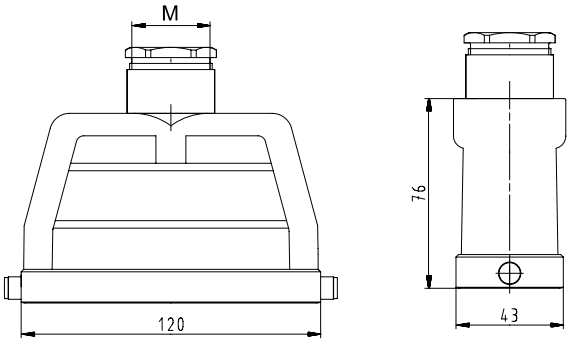
Dimensions

Hoods

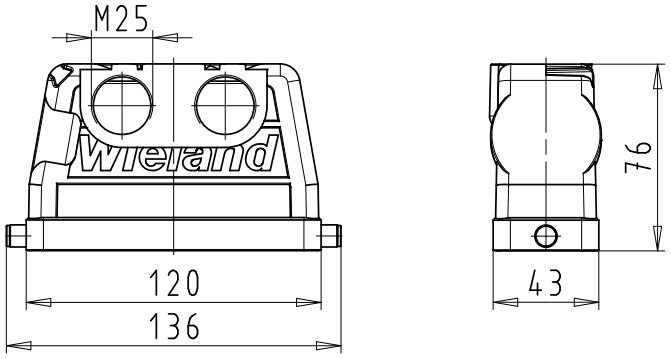
Lateral cable entry



Top cable entry



Front cable entry



Bases, single locking lever
Size 24

Bases, Size 24

open

without cover
with cover

closed
1 cable gland, lateral cable entry

without cover
with cover

closed
1 cable gland, bottom

without cover
with cover

Description	Type	M	Part No.	P.U.
Bases, size 24	**Aluminum housing**			
Open-bottom base				
without cover	BAS GUT GK 24 A		71.320.2428.0	1
with cover	BAS GUT GP 24 A		71.325.2428.0	1
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GL 24 M25 A0	25	71.330.2435.0	1
with threaded collar	BAS GUT GL 24 M25 A1	25	71.330.2435.1	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GR 24 M25 A0	25	71.340.2435.0	1
with threaded collar	BAS GUT GR 24 M25 A1	25	71.340.2435.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GM 24 M25 A0	25	71.331.2435.0	1
with threaded collar	BAS GUT GM 24 M25 A1	25	71.331.2435.1	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GS 24 M25 A0	25	71.341.2435.0	1
with threaded collar	BAS GUT GS 24 M25 A1	25	71.341.2435.1	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GT 24 M25 A0	25	71.342.2435.0	1
with threaded collar	BAS GUT GT 24 M25 A1	25	71.342.2435.1	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GO 24 M25 A0	25	71.333.2435.0	1
with threaded collar	BAS GUT GO 24 M25 A1	25	71.333.2435.1	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5– 19 mm	BAS GUT GU 24 M25 A0	25	71.343.2435.0	1
with threaded collar	BAS GUT GU 24 M25 A1	25	71.343.2435.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

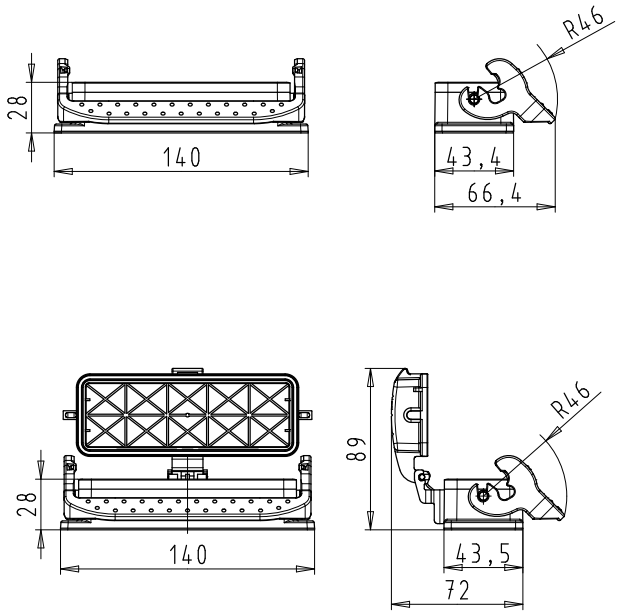
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

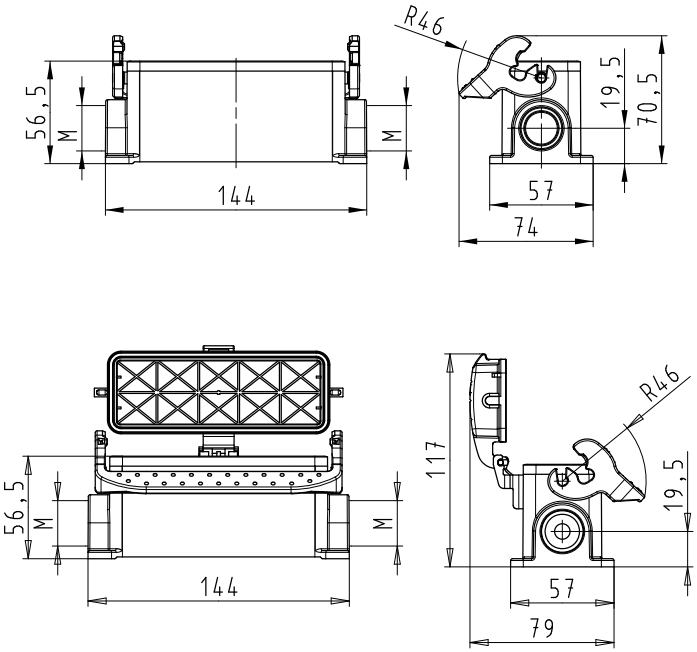
Dimensions

Bases

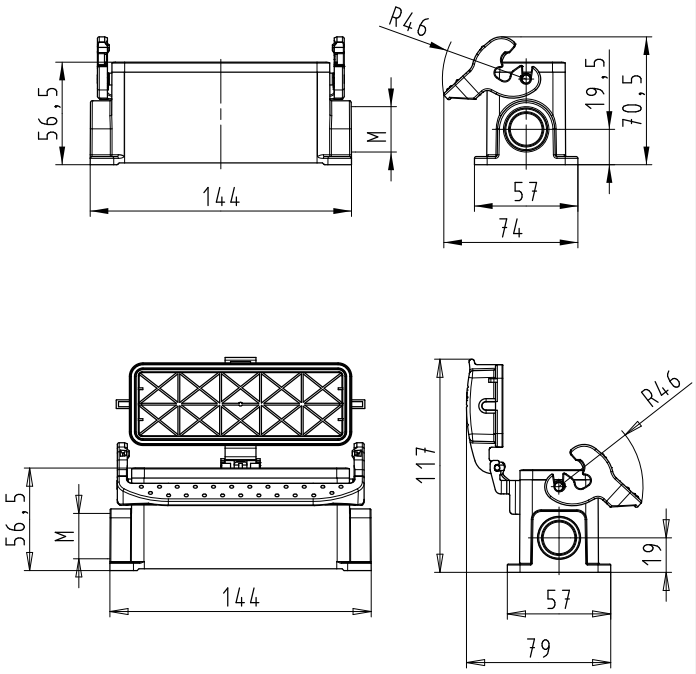
open



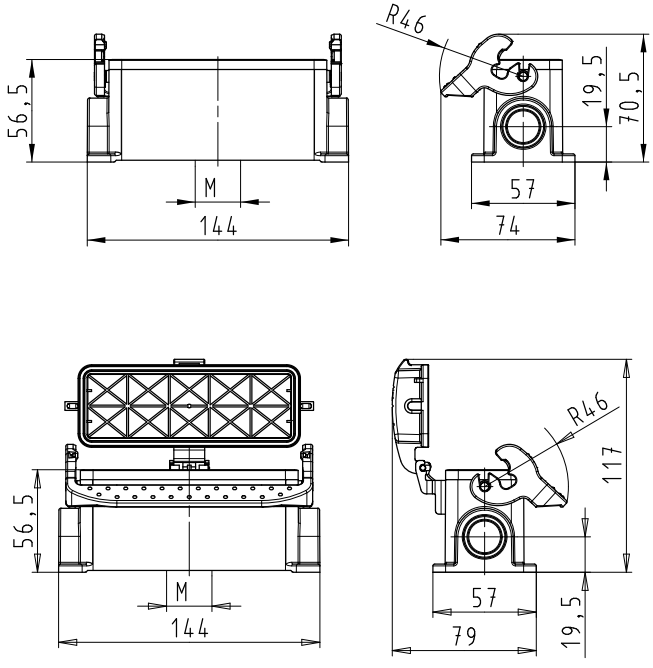
closed, 2 cable glands



closed, 1 cable gland, lateral cable entry



closed, 1 cable gland, bottom



Bases, single locking lever
Size 24H, increased height design

Bases
Size 24H,
increased height design

closed M25
2 cable glands
without cover
with cover

closed M32
2 cable glands
without cover
with cover

closed M25
1 cable gland, bottom
without cover

Description	Type	M	Part No.	P.U.
Bases, size 24H	**Aluminum housing**			
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GL 24H M25 A0	25	76.330.6435.0	1
with threaded collar	BAS GUT GL 24H M25 A1	25	76.330.6435.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GR 24H M25 A0	25	76.340.6435.0	1
with threaded collar	BAS GUT GR 24H M25 A1	25	76.340.6435.1	1
2 cable glands, 2 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GL 24H M32 A0	32	76.334.6435.0	1
with threaded collar	BAS GUT GL 24H M32 A1	32	76.334.6435.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GR 24H M32 A0	32	76.344.6435.0	1
with threaded collar	BAS GUT GR 24H M32 A1	32	76.344.6435.1	1
2 cable glands, 2 x M40				
without cover				
with threaded collar	BAS GUT GL 24H M40 A1	40	76.338.6435.0	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GM 24H M25 A0	25	76.331.6435.0	1
with threaded collar	BAS GUT GM 24H M25 A1	25	76.331.6435.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GS 24H M25 A0	25	76.341.6435.0	1
with threaded collar	BAS GUT GS 24H M25 A1	25	76.341.6435.1	1
1 cable gland, left, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GM 24H M32 A0	32	76.335.6435.0	1
with threaded collar	BAS GUT GM 24H M32 A1	32	76.335.6435.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GS 24H M32 A0	32	76.345.6435.0	1
with threaded collar	BAS GUT GS 24H M32 A1	32	76.345.6435.1	1
1 cable gland, left, 1 x M40				
without cover				
with threaded collar	BAS GUT GM 24H M40 A0	40	76.339.6435.0	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GT 24H M25 A0	25	76.342.6435.0	1
with threaded collar	BAS GUT GT 24H M25 A1	25	76.342.6435.1	1
1 cable gland, right, 1 x M32				
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GT 24H M32 A0	32	76.346.6435.0	1
with threaded collar	BAS GUT GT 24H M32 A1	32	76.346.6435.1	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GO 24H M25 A0	25	76.333.6435.0	1
with threaded collar	BAS GUT GO 24H M25 A1	25	76.333.6435.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5– 19 mm	BAS GUT GU 24H M25 A0	25	76.343.6435.0	1
with threaded collar	BAS GUT GU 24H M25 A1	25	76.343.6435.1	1
1 cable gland, bottom, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GO 24H M32 A0	32	76.337.6435.0	1
with threaded collar	BAS GUT GO 24H M32 A1	32	76.337.6435.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GU 24H M32 A0	32	76.347.6435.0	1
with threaded collar	BAS GUT GU 24H M32 A1	32	76.347.6435.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

All Bases with "cable gland bottom" on this page are also available in M40 design.
Part numbers available on request.

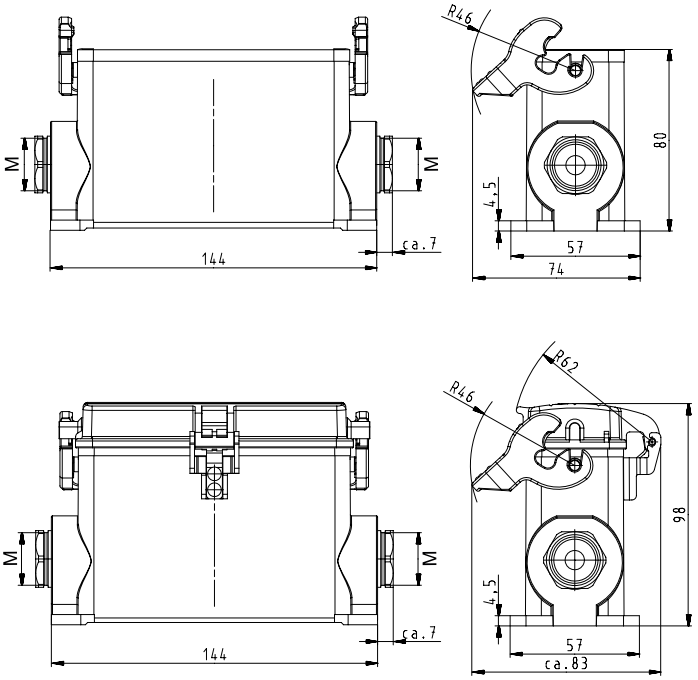
Subject to change without further notice

Accessories and Dimensions

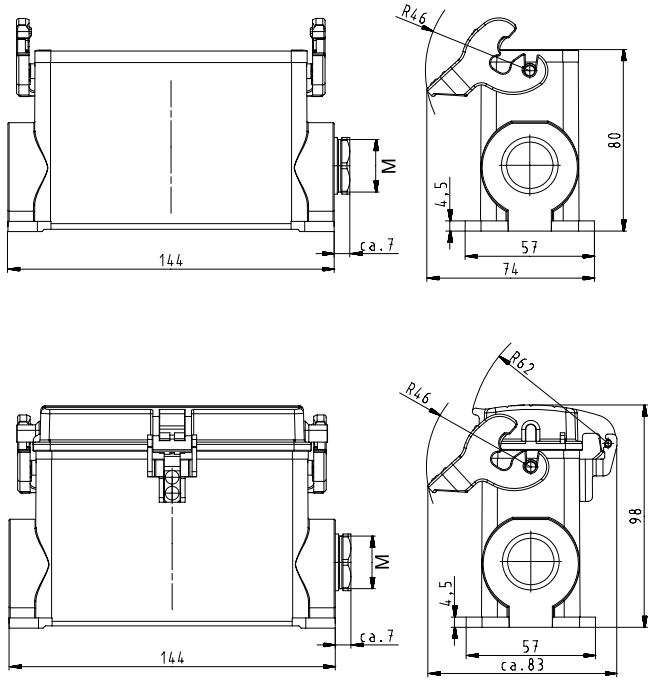
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	1
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	1
Contact inserts				
See the product matrix			Page 24–25	

Bases

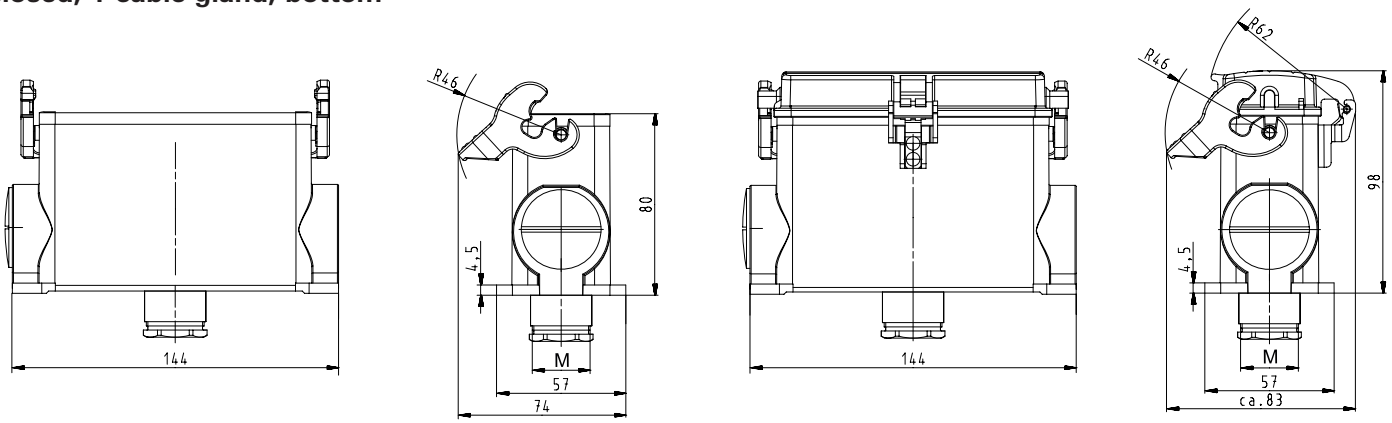
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Hoods, double locking lever
Size 24

Hoods
Size 24

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 24	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GA 24 M25 A0	25	70.350.2435.0	1
with threaded collar	BAS GOT GA 24 M25 A1	25	70.350.2435.1	1
with intermediate support	BAS GOT GA 24 M25 A2	25	70.350.2435.2	1
with strain relief, IP54	BAS GOT GA 24 M25 A3	25	70.350.2435.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GA 24 M32 A0	32	70.353.2435.0	1
with threaded collar	BAS GOT GA 24 M32 A1	32	70.353.2435.1	1
with intermediate support	BAS GOT GA 24 M32 A2	32	70.353.2435.2	1
with strain relief, IP54	BAS GOT GA 24 M32 A3	32	70.353.2435.3	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GC 24 M25 A0	25	70.352.2435.0	1
with threaded collar	BAS GOT GC 24 M25 A1	25	70.352.2435.1	1
with intermediate support	BAS GOT GC 24 M25 A2	25	70.352.2435.2	1
with strain relief, IP54	BAS GOT GC 24 M25 A3	25	70.352.2435.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GC 24 M32 A0	32	70.354.2435.0	1
with threaded collar	BAS GOT GC 24 M32 A1	32	70.354.2435.1	1
with intermediate support	BAS GOT GC 24 M32 A2	32	70.354.2435.2	1
with strain relief, IP54	BAS GOT GC 24 M32 A3	32	70.354.2435.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	-
Gasket	-
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

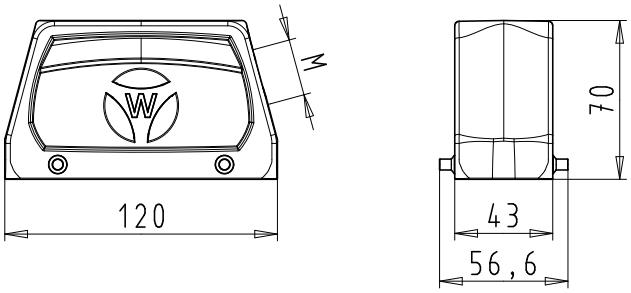
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

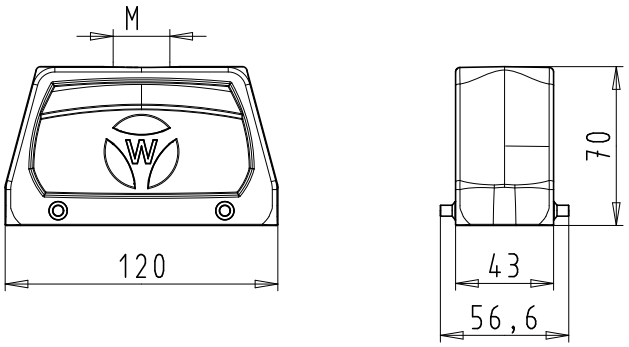
Dimensions

Hoods

Lateral cable entry



Top cable entry



Hoods, double locking lever with Locking levers, Size 24

Hoods Size 24

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings

Description	Type	M	Part No.	P.U.
Hoods, size 24	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GD 24 M25 A0	25	70.355.2435.0	1
with threaded collar	BAS GOT GD 24 M25 A1	25	70.355.2435.1	1
with intermediate support	BAS GOT GD 24 M25 A2	25	70.355.2435.2	1
with strain relief, IP54	BAS GOT GD 24 M25 A3	25	70.355.2435.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GD 24 M32 A0	32	70.358.2435.0	1
with threaded collar	BAS GOT GD 24 M32 A1	32	70.358.2435.1	1
with intermediate support	BAS GOT GD 24 M32 A2	32	70.358.2435.2	1
with strain relief, IP54	BAS GOT GD 24 M32 A3	32	70.358.2435.3	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GF 24 M25 A0	25	70.357.2435.0	1
with threaded collar	BAS GOT GF 24 M25 A1	25	70.357.2435.1	1
with intermediate support	BAS GOT GF 24 M25 A2	25	70.357.2435.2	1
with strain relief, IP54	BAS GOT GF 24 M25 A3	25	70.357.2435.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GF 24 M32 A0	32	70.359.2435.0	1
with threaded collar	BAS GOT GF 24 M32 A1	32	70.359.2435.1	1
with intermediate support	BAS GOT GF 24 M32 A2	32	70.359.2435.2	1
with strain relief, IP54	BAS GOT GF 24 M32 A3	32	70.359.2435.3	1
Multipole connectors for cable-to-cable couplings M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GC 24 M32 A0	32	70.354.2435.0	1
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm Locking levers and gasket	BAS GOT GK 24 M32 A0	32	70.374.2435.0	1
with threaded collar	BAS GOT GC 24 M32 A1	32	70.354.2435.1	1
with threaded collar Locking levers and gasket	BAS GOT GK 24 M32 A1	32	70.374.2435.1	1
with strain relief, IP54	BAS GOT GC 24 M32 A3	32	70.354.2435.3	1
with strain relief, IP54 Locking levers and gasket	BAS GOT GK 24 M32 A3	32	70.374.2435.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket for Multipole connectors	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

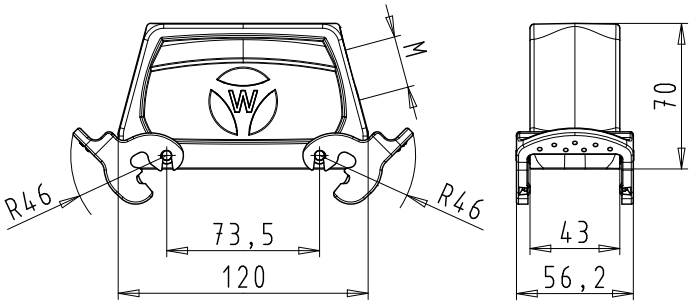
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

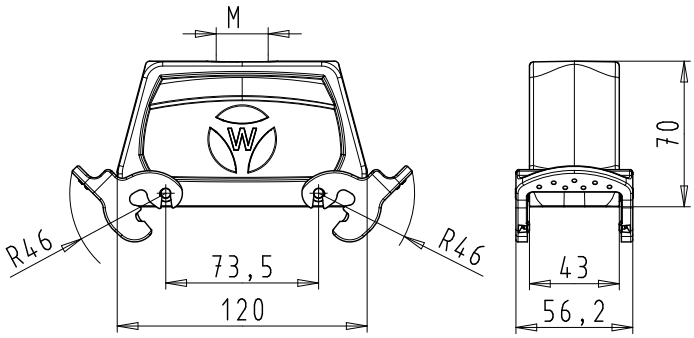
Dimensions

Hoods with Locking levers

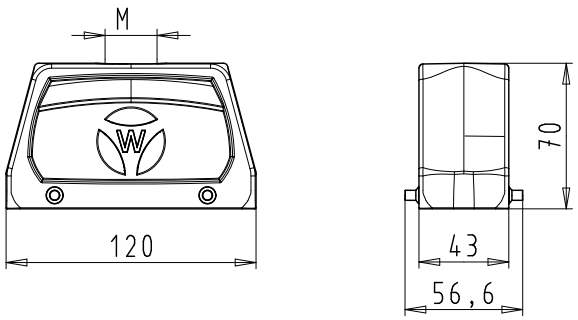
Lateral cable entry

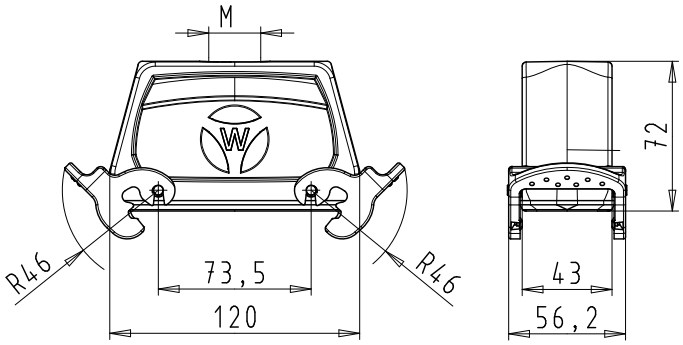


Top cable entry



Multipole connectors for cable-to-cable couplings





Hoods, double locking lever
Size 24H, increased height design

Hoods
Size 24H,
increased height design

Lateral cable entry

Top cable entry

Front cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 24H	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GA 24H M25 A0	25	73.350.6435.0	1
with threaded collar	BAS GOT GA 24H M25 A1	25	73.350.6435.1	1
with intermediate support	BAS GOT GA 24H M25 A2	25	73.350.6435.2	1
with strain relief, IP54	BAS GOT GA 24H M25 A3	25	73.350.6435.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GA 24H M32 A0	32	73.353.6435.0	1
with threaded collar	BAS GOT GA 24H M32 A1	32	73.353.6435.1	1
with intermediate support	BAS GOT GA 24H M32 A2	32	73.353.6435.2	1
with strain relief, IP54	BAS GOT GA 24H M32 A3	32	73.353.6435.3	1
Lateral cable entry M40				
with cable gland, IP54, ⇥IØ⇤ 23 – 32 mm	BAS GOT GA 24H M40 A0	40	73.360.6435.0	1
with threaded collar	BAS GOT GA 24H M40 A1	40	73.360.6435.1	1
with intermediate support	BAS GOT GA 24H M40 A2	40	73.360.6435.2	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GC 24H M25 A0	25	73.352.6435.0	1
with threaded collar	BAS GOT GC 24H M25 A1	25	73.352.6435.1	1
with intermediate support	BAS GOT GC 24H M25 A2	25	73.352.6435.2	1
with strain relief, IP54	BAS GOT GC 24H M25 A3	25	73.352.6435.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GC 24H M32 A0	32	73.354.6435.0	1
with threaded collar	BAS GOT GC 24H M32 A1	32	73.354.6435.1	1
with intermediate support	BAS GOT GC 24H M32 A2	32	73.354.6435.2	1
with strain relief, IP54	BAS GOT GC 24H M32 A3	32	73.354.6435.3	1
Top cable entry M40				
with cable gland, IP54, ⇥IØ⇤ 23 – 32 mm	BAS GOT GC 24H M40 A0	40	73.362.6435.0	1
with threaded collar	BAS GOT GC 24H M40 A1	40	73.362.6435.1	1
Front cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GB 24H M25 A0	25	73.351.2435.0	1
with threaded collar	BAS GOT GB 24H M25 A1	25	73.351.2435.1	1
with intermediate support	BAS GOT GB 24H M25 A2	25	73.351.2435.2	1
with strain relief, IP54, ⇥IØ⇤ 14 – 20 mm	BAS GOT GB 24H M25 A3	25	73.351.2435.3	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	-
Gasket	-
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

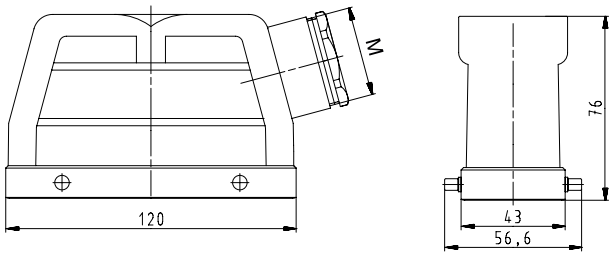
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	1
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	1
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

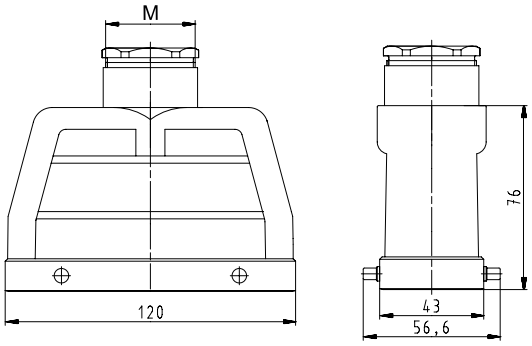
Dimensions

Hoods

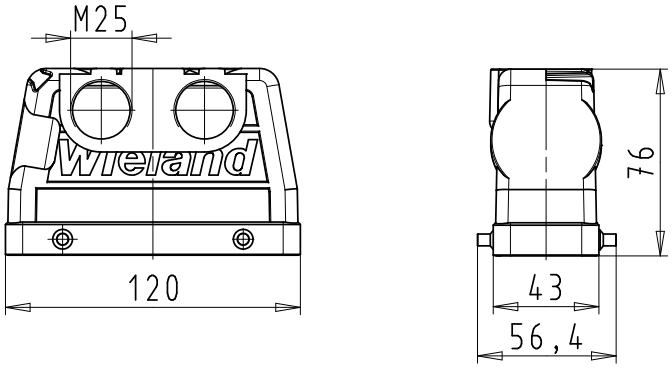
Lateral cable entry



Top cable entry



Front cable entry



Hoods, double locking lever with Locking levers, Size 24H, increased height design

Hoods
Size 24H, increased height design

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 24H	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GD 24H M25 A0	25	73.355.6435.0	1
with threaded collar	BAS GOT GD 24H M25 A1	25	73.355.6435.1	1
with intermediate support	BAS GOT GD 24H M25 A2	25	73.355.6435.2	1
with strain relief, IP54	BAS GOT GD 24H M25 A3	25	73.355.6435.3	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GD 24H M32 A0	32	73.358.6435.0	1
with threaded collar	BAS GOT GD 24H M32 A1	32	73.358.6435.1	1
with intermediate support	BAS GOT GD 24H M32 A2	32	73.358.6435.2	1
with strain relief, IP54	BAS GOT GD 24H M32 A3	32	73.358.6435.3	1
Lateral cable entry M40				
with threaded collar	BAS GOT GD 24H M40 A1	40	73.365.6435.1	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GF 24H M25 A0	25	73.357.6435.0	1
with threaded collar	BAS GOT GF 24H M25 A1	25	73.357.6435.1	1
with intermediate support	BAS GOT GF 24H M25 A2	25	73.357.6435.2	1
with strain relief, IP54	BAS GOT GF 24H M25 A3	25	73.357.6435.3	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GOT GF 24H M32 A0	32	73.359.6435.0	1
with threaded collar	BAS GOT GF 24H M32 A1	32	73.359.6435.1	1
with intermediate support	BAS GOT GF 24H M32 A2	32	73.359.6435.2	1
with strain relief, IP54	BAS GOT GF 24H M32 A3	32	73.359.6435.3	1
Top cable entry M40				
with threaded collar	BAS GOT GF 24H M40 A1	40	73.367.6435.0	1

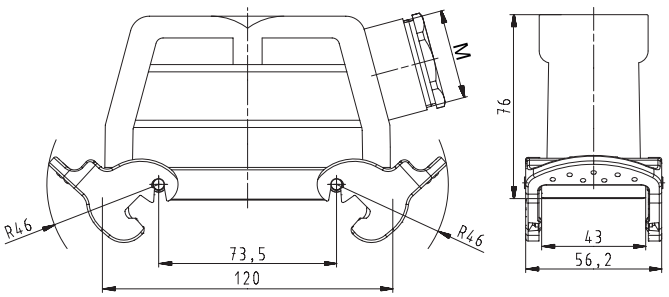
Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	-
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	1
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	1
Strain relief IP54, nickel-plated brass	Connection range 14 – 20 mm	25	Z5.507.9721.0	10
Strain relief IP54, nickel-plated brass	Connection range 19 – 29 mm	32	Z5.507.9821.0	10
Contact inserts				
See the product matrix			Page 24–25	

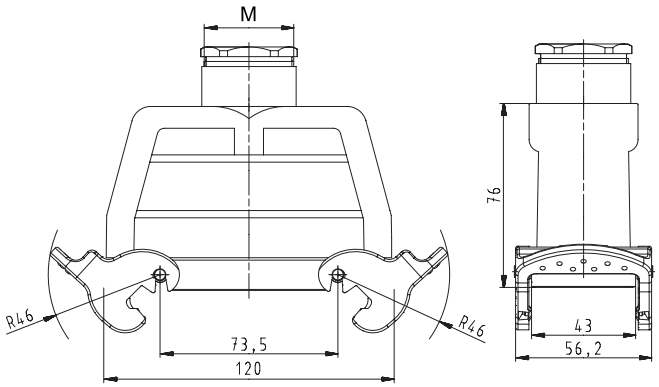
Dimensions

Hoods

Lateral cable entry



Top cable entry



Subject to change without further notice

Hoods, double locking lever
Size 24XL

Hoods
Size 24XL

Lateral cable entry

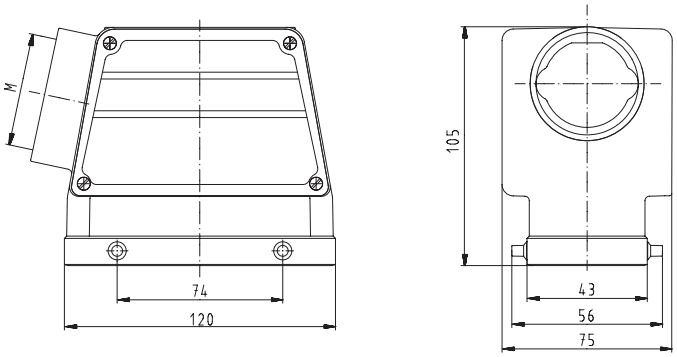
Description	Type	M	Part No.	P.U.
Hoods, size 24XL	**Aluminum housing**			
Lateral cable entry M50				
with intermediate support	POW GOT GA 24 M50 69 A2	50	72.250.2435.2	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	-
Gasket	-
Degree of protection	
with latched locking levers	-
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

Contact inserts	
See the product matrix	Page 24–25

Dimensions

Lateral cable entry



Bases, double locking lever
Size 24

Bases, Size 24

open

without cover
with cover

closed
1 cable gland, lateral cable entry

without cover
with cover

closed
1 cable gland, bottom

without cover
with cover

Description	Type	M	Part No.	P.U.
Bases, size 24	**Aluminum housing**			
Open-bottom base				
without cover	BAS GUT GA 24 A		70.320.2428.0	1
with cover	BAS GUT GE 24 A		70.325.2428.0	1
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GB 24 M25 A0	25	70.330.2435.0	1
with threaded collar	BAS GUT GB 24 M25 A1	25	70.330.2435.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GF 24 M25 A0	25	70.340.2435.0	1
with threaded collar	BAS GUT GF 24 M25 A1	25	70.340.2435.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GC 24 M25 A0	25	70.331.2435.0	1
with threaded collar	BAS GUT GC 24 M25 A1	25	70.331.2435.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GG 24 M25 A0	25	70.341.2435.0	1
with threaded collar	BAS GUT GG 24 M25 A1	25	70.341.2435.1	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GH 24 M25 A0	25	70.342.2435.0	1
with threaded collar	BAS GUT GH 24 M25 A1	25	70.342.2435.1	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GD 24 M25 A0	25	70.333.2435.0	1
with threaded collar	BAS GUT GD 24 M25 A1	25	70.333.2435.1	1
with cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GUT GI 24 M25 A0	25	70.343.2435.0	1
with threaded collar	BAS GUT GI 24 M25 A1	25	70.343.2435.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

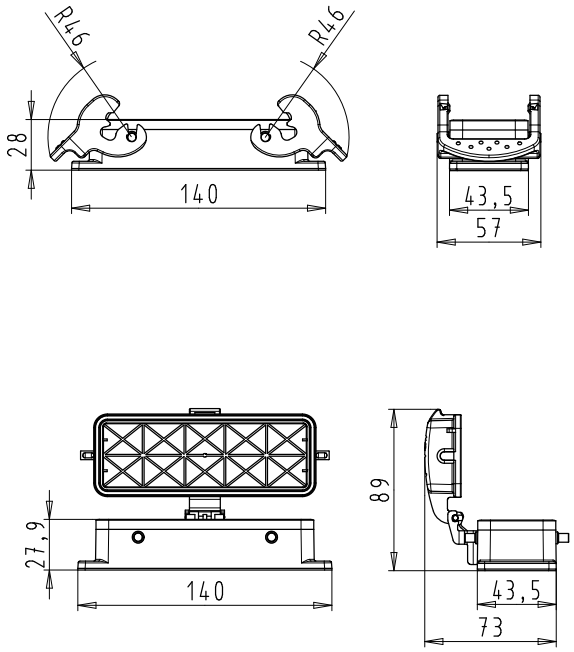
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

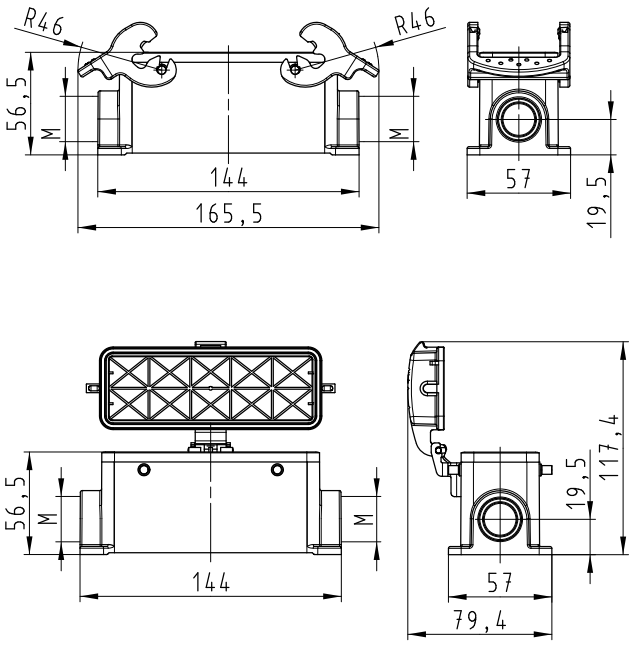
Dimensions

Bases

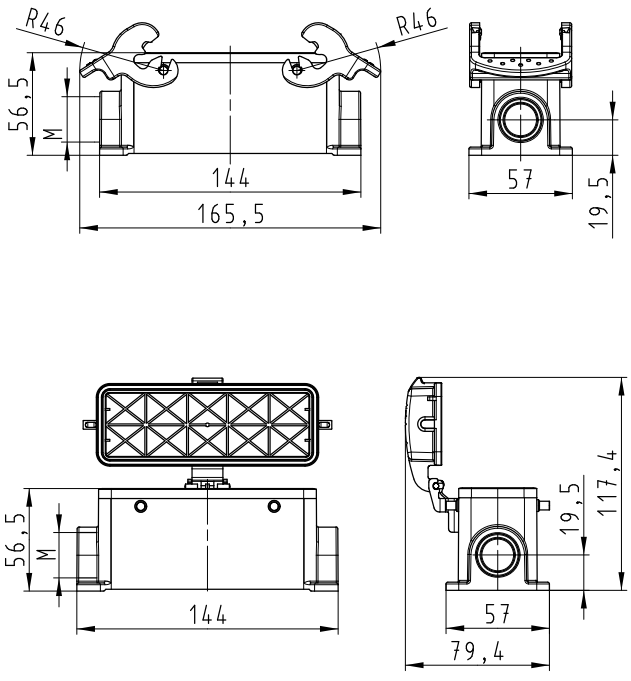
open



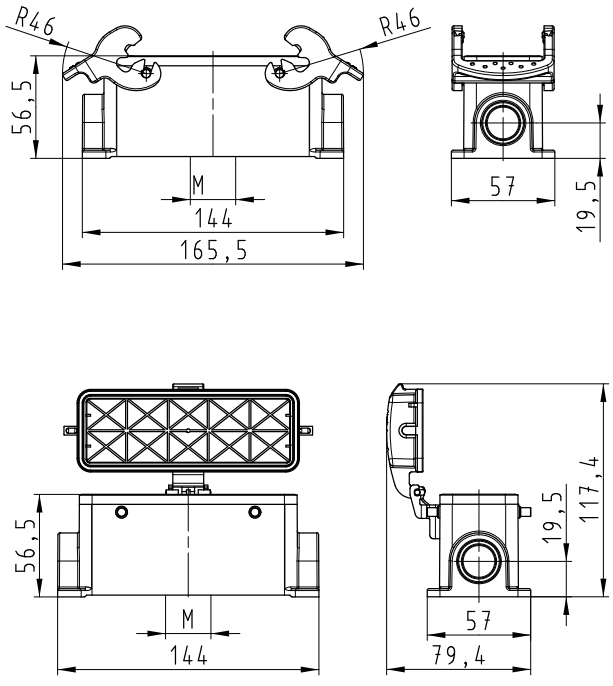
closed, 2 cable glands



closed, 1 cable gland, lateral cable entry



closed, 1 cable gland, bottom

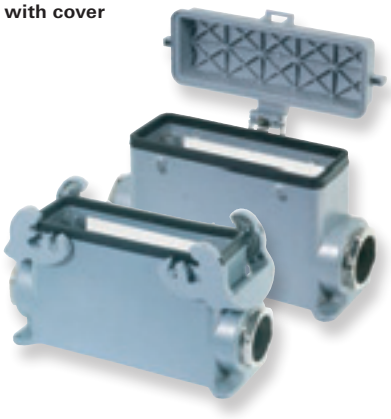


Bases, double locking lever
Size 24H, increased height design

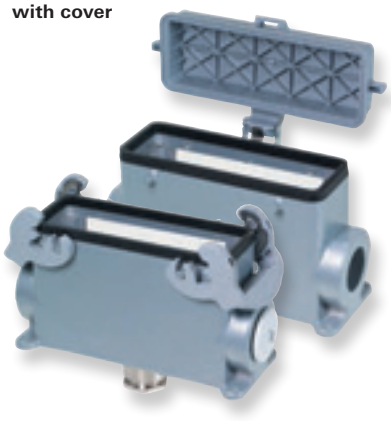
Bases
Size 24H,
increased height design

closed M25
2 cable glands
without cover
with cover

closed M32
2 cable glands
without cover
with cover



closed M25
1 cable gland, bottom
without cover
with cover



Description	Type	M	Part No.	P.U.
Bases, size 24H	**Aluminum housing**			
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GB 24H M25 A0	25	73.330.6435.0	1
with threaded collar	BAS GUT GB 24H M25 A1	25	73.330.6435.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GF 24H M25 A0	25	73.340.6435.0	1
with threaded collar	BAS GUT GF 24H M25 A1	25	73.340.6435.1	1
2 cable glands, 2 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GB 24H M32 A0	32	73.334.6435.0	1
with threaded collar	BAS GUT GB 24H M32 A1	32	73.334.6435.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GF 24H M32 A0	32	73.344.6435.0	1
with threaded collar	BAS GUT GF 24H M32 A1	32	73.344.6435.1	1
2 cable glands, 2 x M40				
without cover				
with threaded collar	BAS GUT GB 24H M40 A1	40	73.338.6435.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GC 24H M25 A0	25	73.331.6435.0	1
with threaded collar	BAS GUT GC 24H M25 A1	25	73.331.6435.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GG 24H M25 A0	25	73.341.6435.0	1
with threaded collar	BAS GUT GG 24H M25 A1	25	73.341.6435.1	1
1 cable gland, left, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GC 24H M32 A0	32	73.335.6435.0	1
with threaded collar	BAS GUT GC 24H M32 A1	32	73.335.6435.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GG 24H M32 A0	32	73.345.6435.0	1
with threaded collar	BAS GUT GG 24H M32 A1	32	73.345.6435.1	1
1 cable gland, left, 1 x M40				
without cover				
with threaded collar	BAS GUT GC 24H M40 A1	40	73.339.6435.1	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GH 24H M25 A0	25	73.342.6435.0	1
with threaded collar	BAS GUT GH 24H M25 A1	25	73.342.6435.1	1
1 cable gland, right, 1 x M32				
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GH 24H M32 A0	32	73.346.6435.0	1
with threaded collar	BAS GUT GH 24H M32 A1	32	73.346.6435.1	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GD 24H M25 A0	25	73.333.6435.0	1
with threaded collar	BAS GUT GD 24H M25 A1	25	73.333.6435.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GUT GI 24H M25 A0	25	73.343.6435.0	1
with threaded collar	BAS GUT GI 24H M25 A1	25	73.343.6435.1	1
1 cable gland, bottom, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GD 24H M32 A0	32	73.337.6435.0	1
with threaded collar	BAS GUT GD 24H M32 A1	32	73.337.6435.1	1
with cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	BAS GUT GI 24H M32 A0	32	73.347.6435.0	1
with threaded collar	BAS GUT GI 24H M32 A1	32	73.347.6435.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

All Bases with "cable gland bottom" on this page are also available in M40 design.
Part numbers available on request.

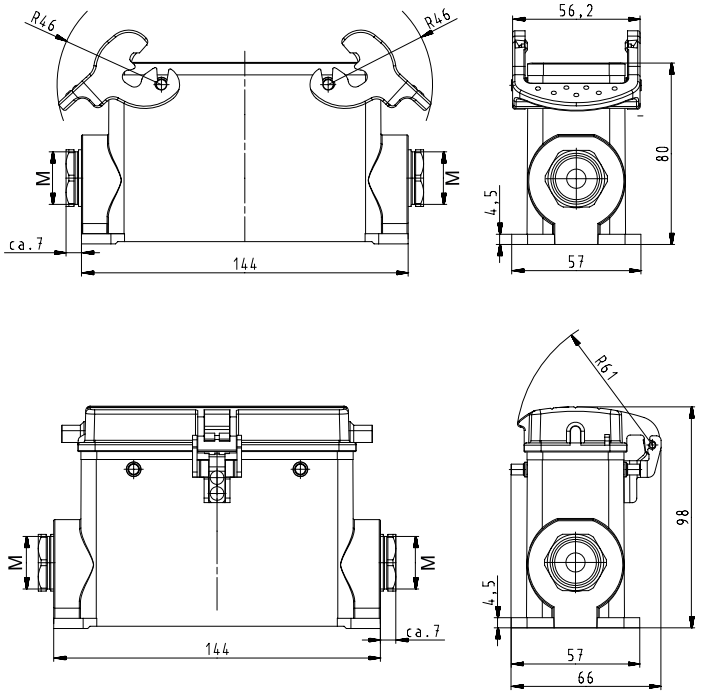
Subject to change without further notice

Accessories and Dimensions

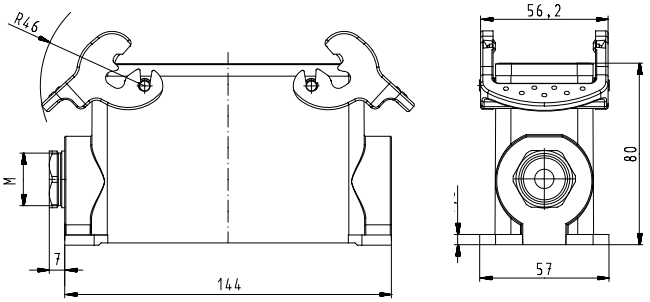
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	1
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	1
Contact inserts				
See the product matrix			Page 24–25	

Bases

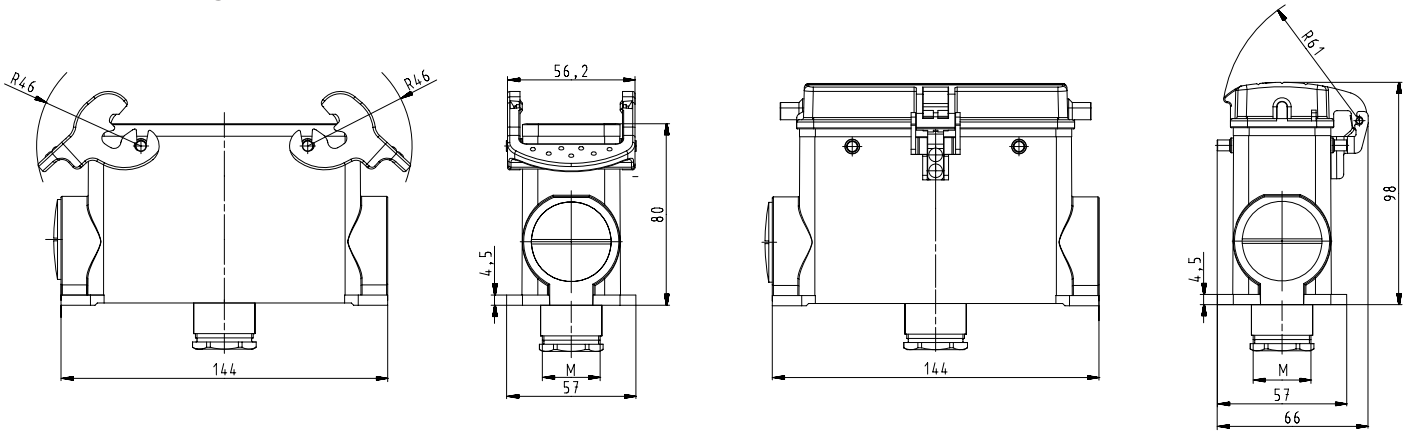
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Hoods, double locking lever
Size 32

Hoods, Size 32

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
Hoods, size 32	**Aluminum housing**			
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GA 32 M32 A0	32	70.350.3235.0	1
with threaded collar	BAS GOT GA 32 M32 A1	32	70.350.3235.1	1
with intermediate support	BAS GOT GA 32 M32 A2	32	70.350.3235.2	1
with strain relief, IP54	BAS GOT GA 32 M32 A3	32	70.350.3235.3	1
Lateral cable entry M40				
with threaded collar	BAS GOT GA 32 M40 A1	40	70.353.3235.1	1
with intermediate support	BAS GOT GA 32 M40 A2	40	70.353.3235.2	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	BAS GOT GC 32 M32 A0	32	70.352.3235.0	1
with threaded collar	BAS GOT GC 32 M32 A1	32	70.352.3235.1	1
with intermediate support	BAS GOT GC 32 M32 A2	32	70.352.3235.2	1
with strain relief, IP54	BAS GOT GC 32 M32 A3	32	70.352.3235.3	1
Top cable entry M40				
with threaded collar	BAS GOT GC 32 M40 A1	40	70.354.3235.1	1
with intermediate support	BAS GOT GC 32 M40 A2	40	70.354.3235.2	1

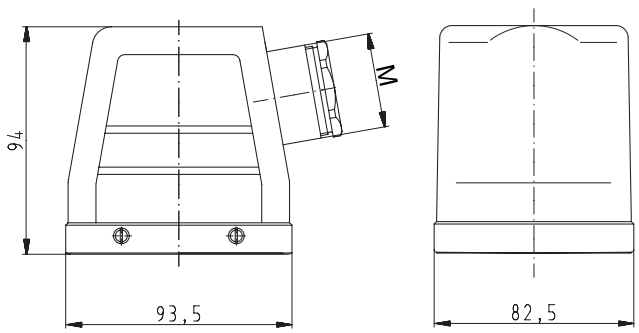
Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	–
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	1
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	1
Contact inserts				
See the product matrix			Page 24–25	

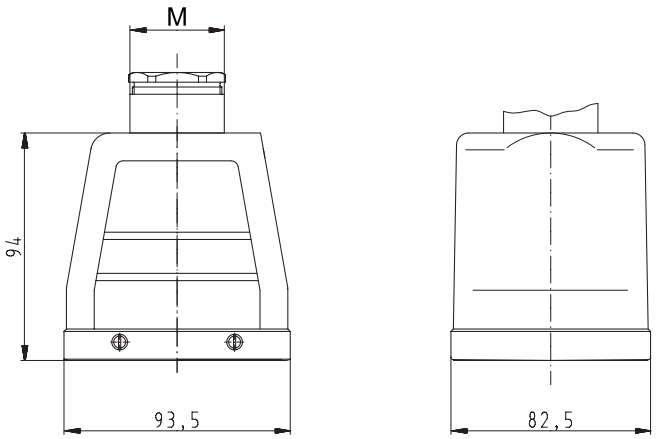
Dimensions

Hoods

Lateral cable entry



Top cable entry



Subject to change without further notice

Bases, double locking lever
Size 32

Bases,
Size 32

open

Description	Type	M	Part No.	P.U.
Base, size 32	**Aluminum housing**			
open				
without cover	BAS GUT GA 32 A	32	70.320.3228.0	1

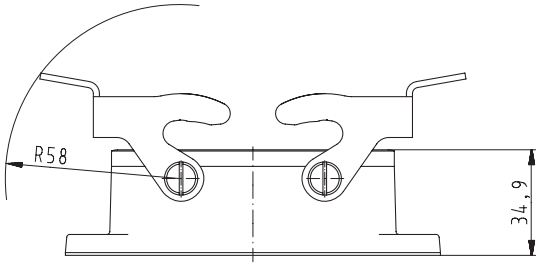
Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

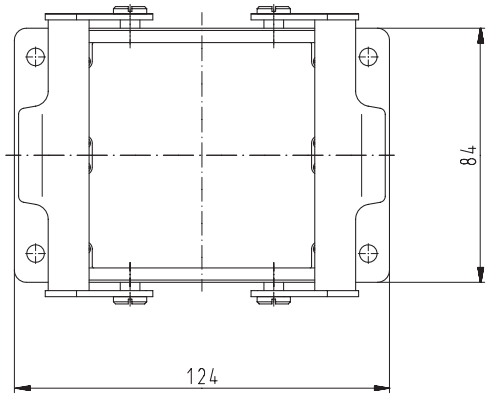
Contact inserts	
See the product matrix	Page 24–25

Dimensions

Bases

open





500 V / 690 V Hoods, single locking lever Size 48

Hoods, Size 48

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
500 V / 690 V Hoods, size 48	**Aluminum housing**			
Lateral cable entry M32				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GOT GG 48 M32 A0	32	70.350.4835.0	1
with threaded collar	BAS GOT GG 48 M32 A1	32	70.350.4835.1	1
with intermediate support	BAS GOT GG 48 M32 A2	32	70.350.4835.2	1
with strain relief, IP54	BAS GOT GG 48 M32 A3	32	70.350.4835.3	1
Lateral cable entry M40				
with threaded collar	BAS GOT GG 48 M40 A1	40	70.353.4835.1	1
with intermediate support	BAS GOT GG 48 M40 A2	40	70.353.4835.2	1
Top cable entry M32				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	BAS GOT GI 48 M32 A0	32	70.352.4835.0	1
with threaded collar	BAS GOT GI 48 M32 A1	32	70.352.4835.1	1
with intermediate support	BAS GOT GI 48 M32 A2	32	70.352.4835.2	1
with strain relief, IP54	BAS GOT GI 48 M32 A3	32	70.352.4835.3	1
Top cable entry M40				
with threaded collar	BAS GOT GI 48 M40 A1	40	70.354.4835.1	1
with intermediate support	BAS GOT GI 48 M40 A2	40	70.354.4835.2	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	–
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

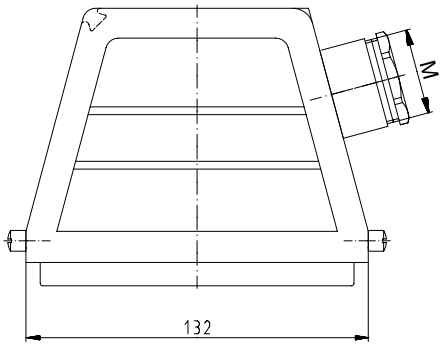
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	1
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	1
Contact inserts				
See the product matrix			Page 24–25	

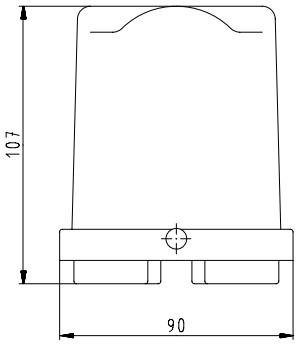
Subject to change without further notice

Dimensions

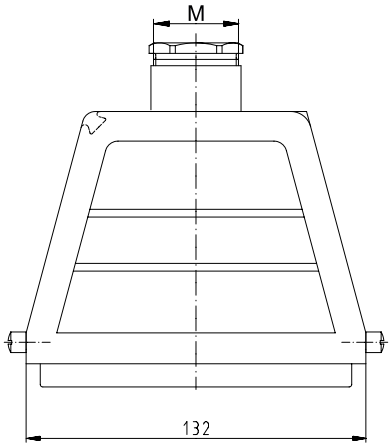
Hoods

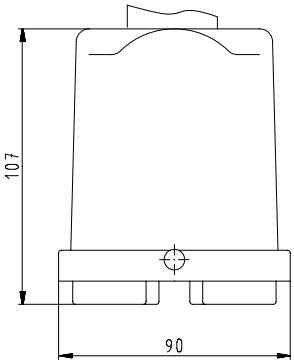
Lateral cable entry





Top cable entry





500 / 690 V Bases, single locking lever Size 48

500 / 690 V Bases, Size 48

open

without cover
with cover

closed
1 cable gland

without cover
with cover

Description	Type	M	Part No.	P.U.
500 / 690 V Bases, size 48	**Aluminum housing**			
Open-bottom base				
without cover	BAS GUT GK 48 A		70.320.4828.0	1
with metal cover	BAS GUT GP 48 A		70.325.4828.0	1
Closed-bottom base				
1 cable glands left, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15– 26.5 mm	BAS GUT GM 48 M32 A0	32	70.331.4835.0	1
with threaded collar	BAS GUT GM 48 M32 A1	32	70.331.4835.1	1
with strain relief IP54	BAS GUT GM 48 M32 A3	32	70.331.4835.3	1
with metal cover				
with cable gland, IP54, ⇥IØ⇤ 15– 26.5 mm	BAS GUT GS 48 M32 A0	32	70.341.4835.1	1
with strain relief IP54	BAS GUT GS 48 M32 A3	32	70.341.4835.3	1
1 cable gland, left, 1 x M40				
with metal cover				
with threaded collar	BAS GUT GR 48 M40 A1	40	70.344.4835.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

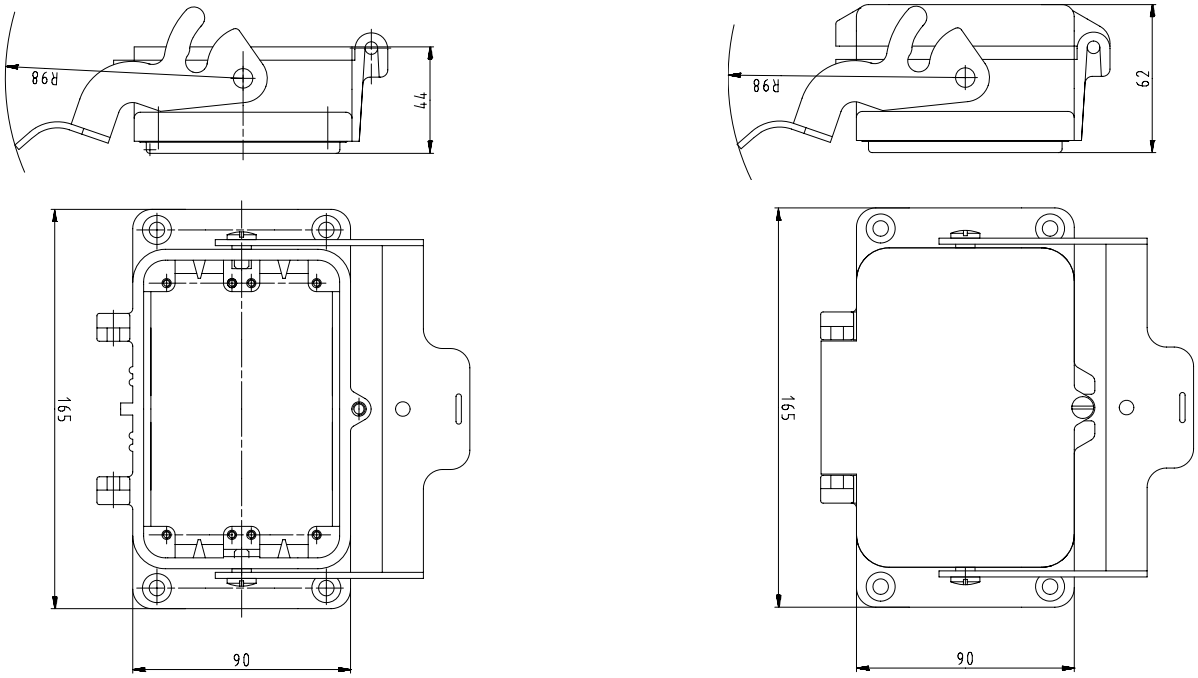
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	1
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	1
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

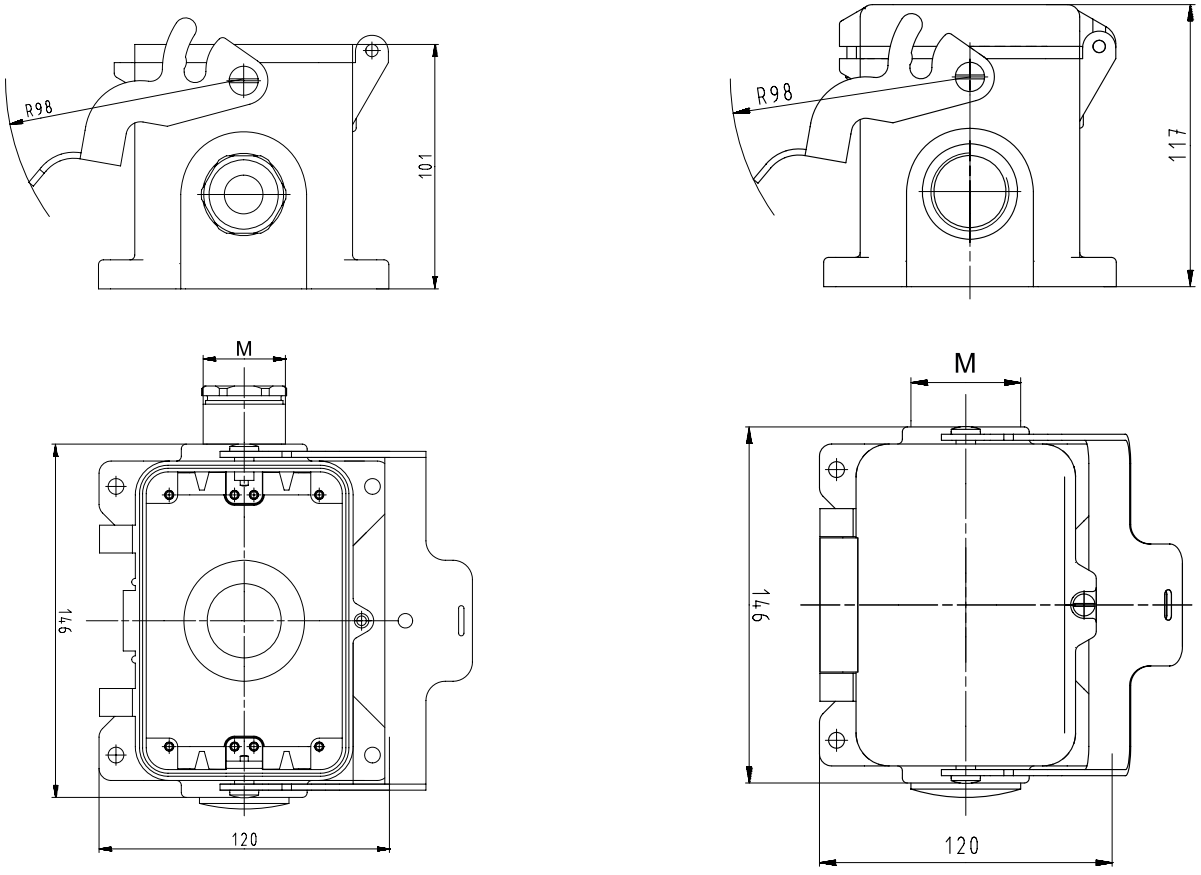
Dimensions

Bases

open



closed, 1 cable gland



EMC Hoods, Size 6–24

EMC Hoods
Lateral cable entry

Size 6/6H

Size 24/24H

Description	Type	M	Part No.	P.U.
EMC Hoods	**Aluminum housing**			
Lateral cable entry, size 6/6H				
with threaded collar M20	BAS GOE GG 6 M20 50 A1	20	70.350.0645.1	1
with threaded collar M25	BAS GOE GG 6 M25 50 A1	25	70.353.0645.1	1
with threaded collar M25, increased height design	BAS GOE GG 6H M25 50 A1	25	73.350.0645.1	1
with threaded collar M32, increased height design	BAS GOE GG 6H M32 50 A1	32	73.353.0645.1	1
Lateral cable entry, size 10/10H				
with threaded collar M25	BAS GOE GA 10 M25 50 A1	25	70.353.1045.1	1
with threaded collar M32, increased height design	BAS GOE GA 10H M32 50 A1	32	73.353.1045.1	1
Lateral cable entry, size 16/16H				
with threaded collar M32	BAS GOE GG 16 M32 50 A1	32	70.353.1645.1	1
with threaded collar M32, increased height design	BAS GOE GG 16H M32 50 A1	32	73.353.4045.1	1
Lateral cable entry, size 24/24H				
with threaded collar M32	BAS GOE GA 24 M32 50 A1	32	70.353.2445.1	1
with threaded collar M32, increased height design	BAS GOE GA 24H M32 50 A1	32	73.353.6445.1	1

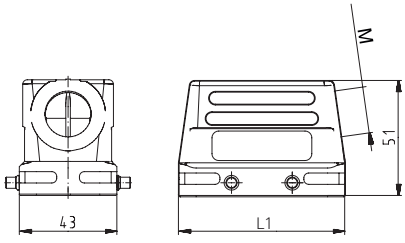
Technical data	
Material	Die cast aluminum alloy
Surface	Special EMC plating, highly conductive
Locking levers	–
Gasket	–
Degree of protection	
with latched locking levers	–
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

Description	Type	M	Part No.	P.U.
Accessories				
Cable gland EMV IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.4821.0	1
Cable gland EMV IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.5021.0	1
Cable gland EMV IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.5221.0	1
Contact inserts				
See the product matrix			Page 24–25	

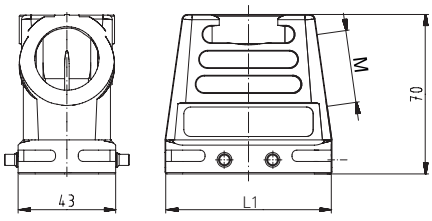
Dimensions

Hoods Lateral cable entry

Size 6 and 10

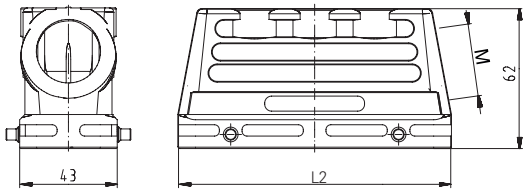


Size 6H and 10H

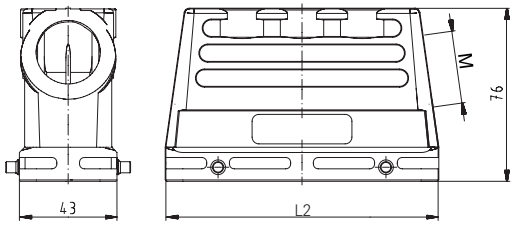


Size	L1 [mm]
6	60.0
6H	60.0
10	73.0
10H	73.0

Size 16 and 24



Size 16H and 24H



Size	L2 [mm]
16	93.5
16H	93.5
24	120.0
24H	120.0

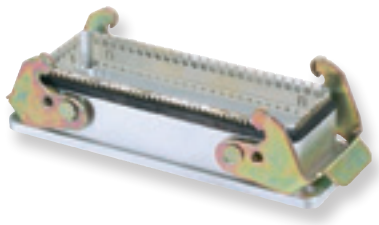
Subject to change without further notice

EMC Bases, Size 6–24

EMC Bases
open

Size 6

Size 24



Description	Type	M	Part No.	P.U.
EMC Bases	**Aluminum housing**			
Open				
Size 6	BAS GUE GK 6 50 A		70.320.0638.0	1
Size 10	BAS GUE GA 10 50 A		70.320.1038.0	1
Size 16	BAS GUE GA 16 50 A		70.320.1638.0	1
Size 24	BAS GUE GA 24 50 A		70.320.2438.0	1

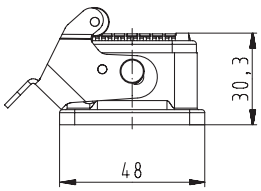
Technical data	
Material	Die cast aluminum alloy
Surface	Special EMC plating, highly conductive
Locking levers	Steel
Gasket	–
Degree of protection	
with latched locking levers	–
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

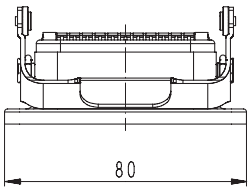
Contact inserts	
See the product matrix	Page 24–25

Dimensions

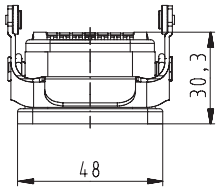
Open-Bottom bases

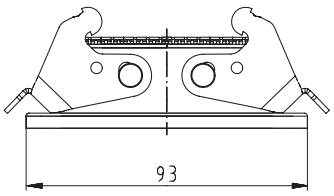
Size 6



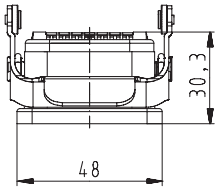


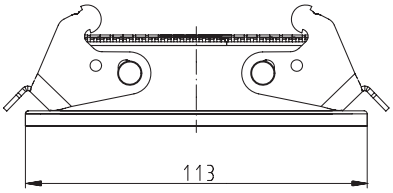
Size 10



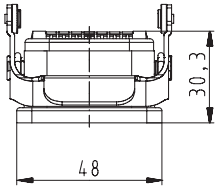


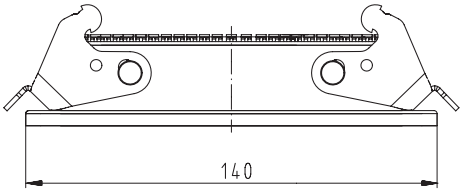
Size 16





Size 24





Motor connector housing, single locking lever
Size 10

Motor connector housing, single locking lever

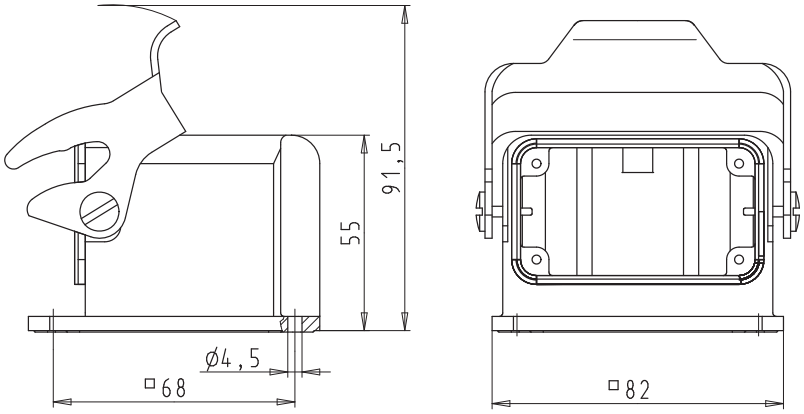
Size 10

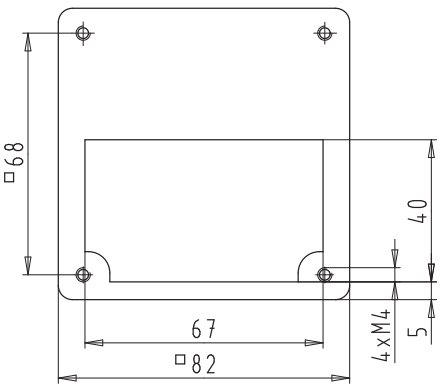
Description	Type	M	Part No.	P.U.
Motor connector housing, size 10				
Base open	BAS GUT GQ 10 A		71.321.1028.0	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	zinc-plated steel
Gasket at multipole connectors	NBR
Degree of protection	
with latched locking levers	IP 65
with appropriate cable glands	–
Temperature range	-40 … +120 °C

Dimensions

Size 10





Subject to change without further notice

250 V Hoods, single locking lever
Size 10/15

250 V Hoods
Size 10/15

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings

Description	Type	M	Part No.	P.U.
250 V Hoods, size 10/15	**Aluminum housing**			
Lateral cable entry M20				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	HD GOT GG 15 M20 50 A0	20	76.350.1535.0	1
with intermediate support	HD GOT GG 15 M20 50 A2	20	76.350.1535.2	1
Lateral cable entry M25				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	HD GOT GG 15 M25 50 A0	25	76.353.1535.0	1
with threaded collar	HD GOT GG 15 M25 50 A1	25	76.353.1535.1	1
with intermediate support	HD GOT GG 15 M25 50 A2	25	76.353.1535.2	1
Top cable entry M20				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	HD GOT GI 15 M20 50 A0	20	76.352.1535.0	1
with threaded collar	HD GOT GI 15 M20 50 A1	20	76.352.1535.1	1
with intermediate support	HD GOT GI 15 M20 50 A2	20	76.352.1535.2	1
Top cable entry M25				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	HD GOT GI 15 M25 50 A0	25	76.354.1535.0	1
with threaded collar	HD GOT GI 15 M25 50 A1	25	76.354.1535.1	1
with intermediate support	HD GOT GI 15 M25 50 A2	25	76.354.1535.2	1
Multipole connectors for cable-to-cable couplings M20				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	HD GOT GI 15 M20 50 A0	20	76.352.1535.0	1
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm Locking levers and gasket	HD GOT GL 15 M20 50 A0	20	76.372.1535.0	1
with threaded collar	HD GOT GI 15 M20 50 A1	20	76.352.1535.1	1
with threaded collar Locking levers and gasket	HD GOT GL 15 M20 50 A1	20	76.372.1535.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	–
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

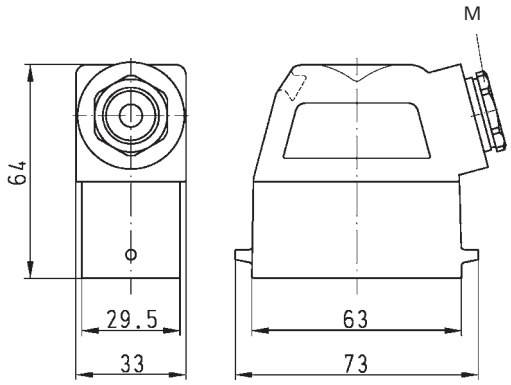
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

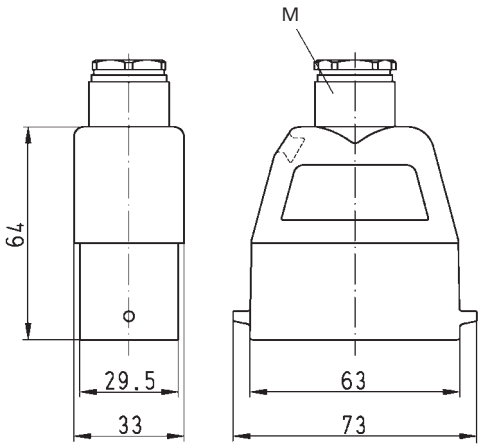
Dimensions

Hoods

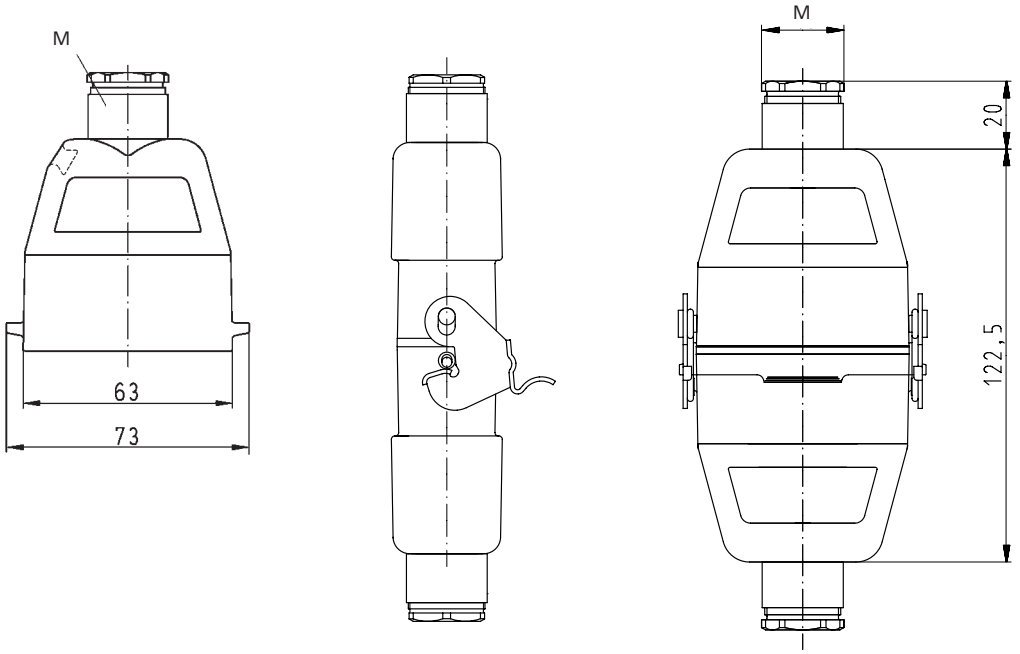
Lateral cable entry



Top cable entry



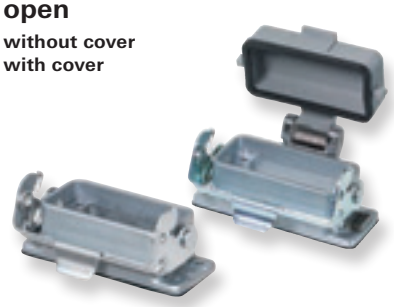
Multipole connectors for cable-to-cable couplings



250 V Bases, single locking lever
Size 10/15

250 V Bases, Size 10/15

open
without cover
with cover



closed
1 cable gland
without cover
with cover

closed
1 cable gland, lateral cable entry
without cover
with cover

Description	Type	M	Part No.	P.U.
250 V Bases, size 10/15	**Aluminum housing**			
Open-bottom base				
without cover	HD GUT GK 15 50 A		76.320.1528.0	1
with metal cover	HD GUT MP 15 50 A		76.425.1528.0	1
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	HD GUT GL 15 M20 50 A0	20	76.330.1535.0	1
with threaded collar	HD GUT GL 15 M20 50 A1	20	76.330.1535.1	1
with metal cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	HD GUT GR 15 M20 50 A0	20	76.440.1535.0	1
with threaded collar	HD GUT GR 15 M20 50 A1	20	76.440.1535.1	1
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	HD GUT GL 15 M25 50 A0	25	76.334.1535.0	1
with threaded collar	HD GUT GL 15 M25 50 A1	25	76.334.1535.1	1
with metal cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	HD GUT GR 15 M25 50 A0	25	76.444.1535.0	1
with threaded collar	HD GUT GR 15 M25 50 A1	25	76.444.1535.1	1
1 cable gland, left, 1 x M20				
without cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	HD GUT GM15 M20 50 A0	20	76.331.1535.0	1
with threaded collar	HD GUT GM15 M20 50 A1	20	76.331.1535.1	1
with metal cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	HD GUT MS 15 M20 50 A0	20	76.441.1535.0	1
with threaded collar	HD GUT MS 15 M20 50 A1	20	76.441.1535.1	1
1 cable gland, right, 1 x M20				
without cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	HD GUT GN 15 M20 50 A0	20	76.332.1535.0	1
with threaded collar	HD GUT GN 15 M20 50 A1	20	76.332.1535.1	1
with metal cover				
with cable gland, IP54, ⇥Ø⇤ 3 – 14.5 mm	HD GUT MN15 M20 50 A0	20	76.442.1535.0	1
with threaded collar	HD GUT MN15 M20 50 A1	20	76.442.1535.1	1
1 cable gland seitlich, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	HD GUT GM15 M25 50 A0	25	76.335.1535.0	1
with threaded collar	HD GUT GM15 M25 50 A1	25	76.335.1535.1	1
with metal cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	HD GUT MS 15 M25 50 A0	25	76.445.1535.0	1
with threaded collar	HD GUT MS 15 M25 50 A1	25	76.445.1535.1	1
1 cable gland seitlich, right, 1 x M25				
without cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	HD GUT GT 15 M25 50 A0	25	76.336.1535.0	1
with threaded collar	HD GUT GT 15 M25 50 A1	25	76.336.1535.1	1
with metal cover				
with cable gland, IP54, ⇥Ø⇤ 7.5 – 19 mm	HD GUT MN15 M25 50 A0	25	76.446.1535.0	1
with threaded collar	HD GUT MN15 M25 50 A1	25	76.446.1535.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	zinc-plated steel
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

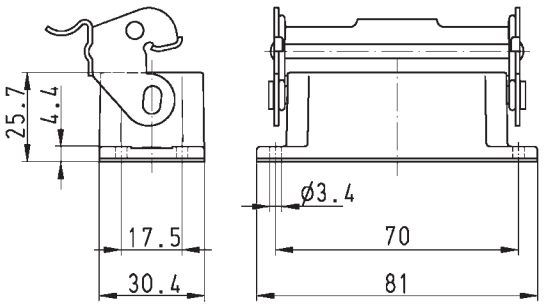
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

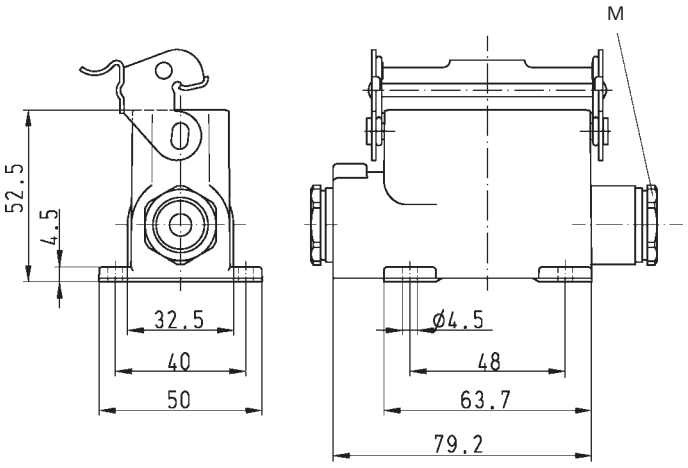
Dimensions

Bases

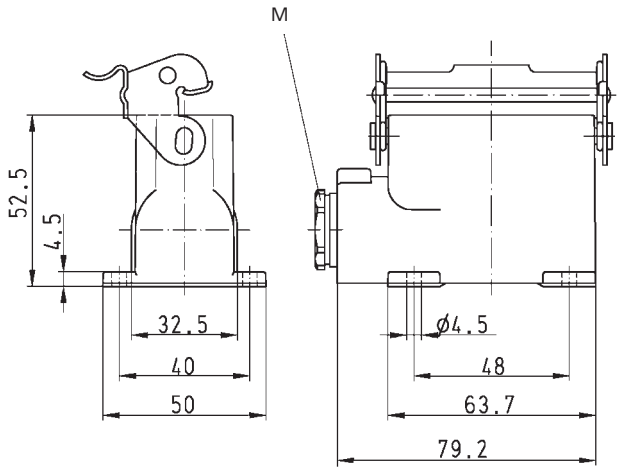
open



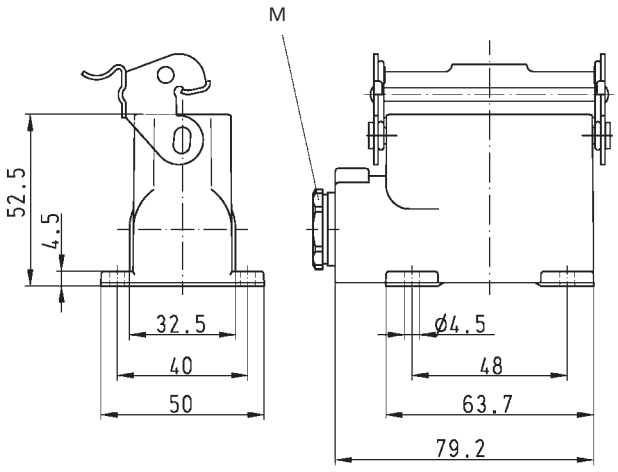
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, lateral cable entry



250 V Hoods, single locking lever
Size 16/25

250 V Hoods
Size 16/25

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings

Description	Type	M	Part No.	P.U.
250 V Hoods, size 16/25	**Aluminum housing**			
Lateral cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	HD GOT GG 25 M20 50 A0	20	76.350.2535.0	1
with intermediate support	HD GOT GG 25 M20 50 A2	20	76.350.2535.2	1
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GOT GG 25 M25 50 A0	25	76.353.2535.0	1
with intermediate support	HD GOT GG 25 M25 50 A2	25	76.353.2535.2	1
Top cable entry M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	HD GOT GI 25 M20 50 A0	20	76.352.2535.0	1
with threaded collar	HD GOT GI 25 M20 50 A1	20	76.352.2535.1	1
with intermediate support	HD GOT GI 25 M20 50 A2	20	76.352.2535.2	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GOT GI 25 M25 50 A0	25	76.354.2535.0	1
with threaded collar	HD GOT GI 25 M25 50 A1	25	76.354.2535.1	1
with intermediate support	HD GOT GI 25 M25 50 A2	25	76.354.2535.2	1
Multipole connectors for cable-to-cable couplings M20				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	HD GOT GI 25 M20 50 A0	20	76.352.2535.0	1
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm Locking levers and gasket	HD GOT GL 25 M20 50 A0	20	76.372.2535.0	1
with threaded collar	HD GOT GI 25 M20 50 A1	20	76.352.2535.1	1
with threaded collar Locking levers and gasket	HD GOT GL 25 M20 50 A1	20	76.372.2535.1	1
Multipole connectors for cable-to-cable couplings M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GOT GI 25 M25 50 A0	25	76.354.2535.0	1
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm Locking levers and gasket	HD GOT GL 25 M25 50 A0	25	76.374.2535.0	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers at Multipole connectors	Steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

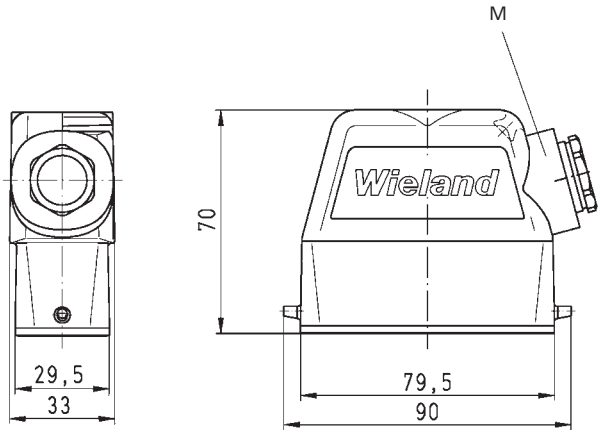
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

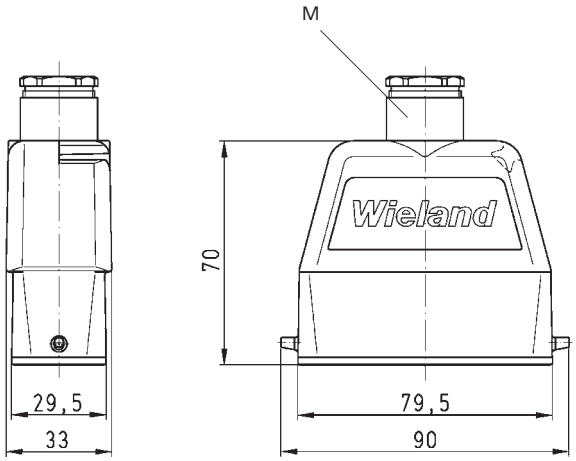
Dimensions

Hoods

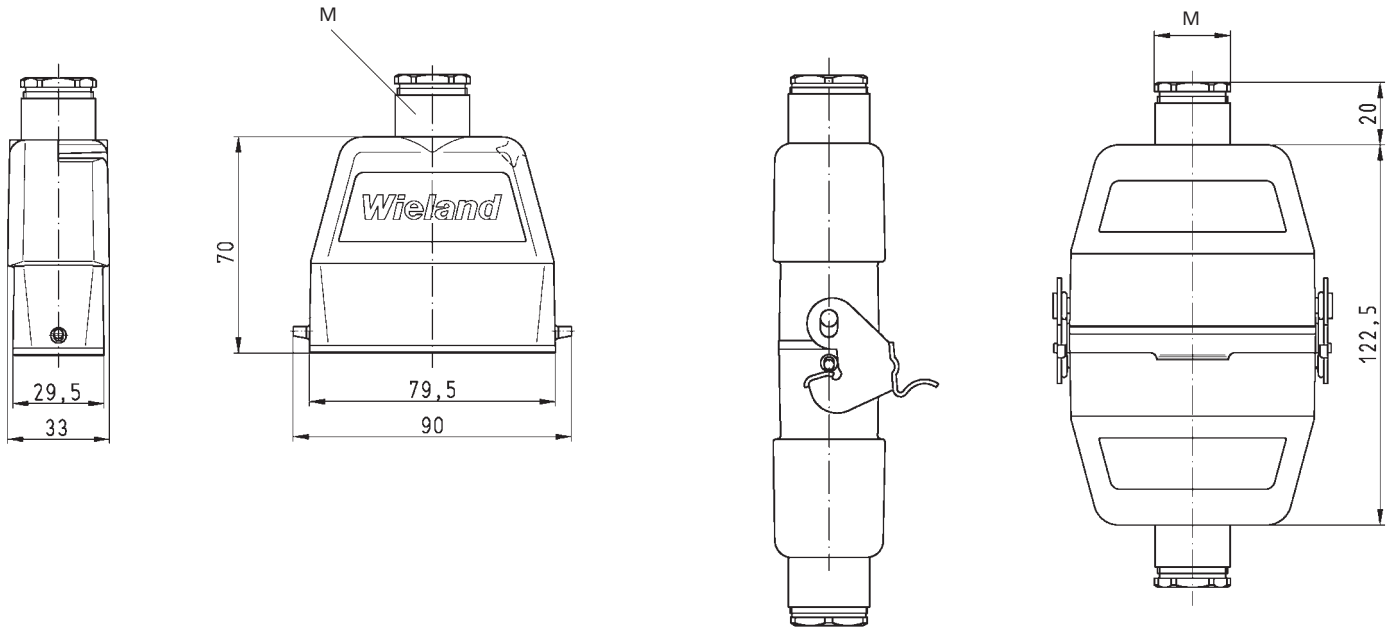
Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



250 V Bases, single locking lever
Size 16/25

250 V Bases, Size 16/25

open

without cover
with cover

closed
1 cable gland

without cover
with cover

Description	Type	M	Part No.	P.U.
250 V Bases, size 16/25	**Aluminum housing**			
Open-bottom base				
without cover	HD GUT GK 25 50 A		76.320.2528.0	1
mit plasticdeckel	HD GUT GP 25 50 A		76.325.2528.0	1
with metal cover	HD GUT MP 25 50 A		76.425.2528.0	1
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	HD GUT GL 25 M20 50 A0	20	76.330.2535.0	1
with threaded collar	HD GUT GL 25 M20 50 A1	20	76.330.2535.1	1
with metal cover				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	HD GUT MR 25 M20 50 A0	20	76.440.2535.0	1
with threaded collar	HD GUT MR 25 M20 50 A1	20	76.440.2535.1	1
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GUT GL 25 M25 50 A0	25	76.334.2535.0	1
with threaded collar	HD GUT GL 25 M25 50 A1	25	76.334.2535.1	1
with metal cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GUT MR 25 M25 50 A0	25	76.444.2535.0	1
with threaded collar	HD GUT MR 25 M25 50 A1	25	76.444.2535.1	1
1 cable gland, left, 1 x M20				
without cover				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	HD GUT GM 25 M20 50 A0	20	76.331.2535.0	1
with threaded collar	HD GUT GM 25 M20 50 A1	20	76.331.2535.1	1
with metal cover				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	HD GUT MS 25 M20 50 A0	20	76.441.2535.0	1
with threaded collar	HD GUT MS 25 M20 50 A1	20	76.441.2535.1	1
1 cable gland, right, 1 x M20				
with metal cover				
with cable gland, IP54, ⇥IØ⇤ 3 – 14.5 mm	HD GUT MN 25 M20 50 A0	20	76.442.2535.0	1
with threaded collar	HD GUT MN 25 M20 50 A1	20	76.442.2535.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GUT GM 25 M25 50 A0	25	76.335.2535.0	1
with threaded collar	HD GUT GM 25 M25 50 A1	25	76.335.2535.1	1
with metal cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GUT MS 25 M25 50 A0	25	76.445.2535.0	1
with threaded collar	HD GUT MS 25 M25 50 A1	25	76.445.2535.1	1
1 cable gland, right, 1 x M25				
with metal cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GUT MN 25 M25 50 A0	25	76.446.2535.0	1
with threaded collar	HD GUT MN 25 M25 50 A1	25	76.446.2535.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	zinc-plated steel
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

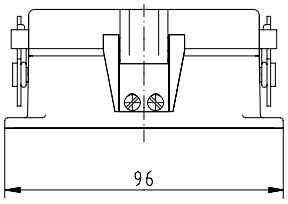
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Contact inserts				
See the product matrix			Page 24–25	

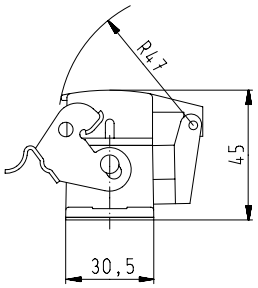
Subject to change without further notice

Dimensions

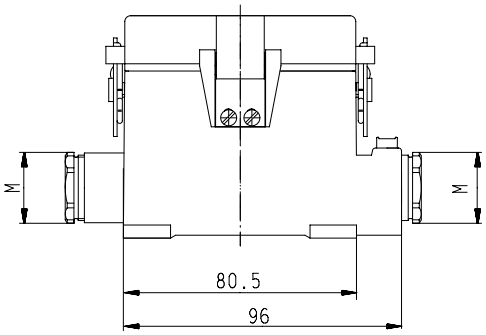
Bases

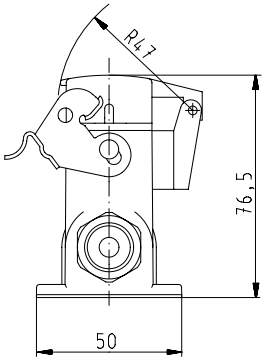
open with cover



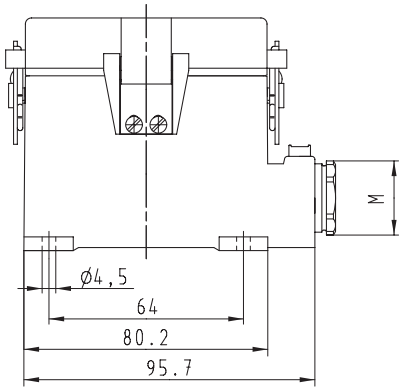


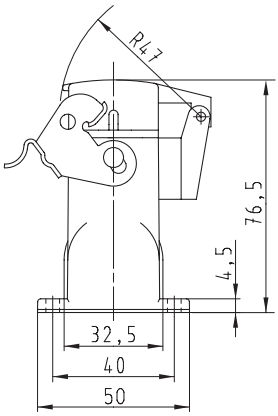
closed with cover, 2 cable glands



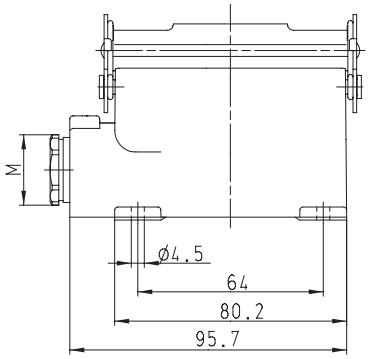


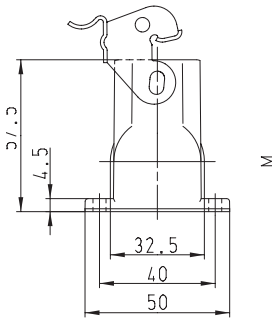
closed with cover, 1 cable gland





closed without cover, 1 cable gland





250 V Hoods, double locking lever
Size 32/50

250 V Hoods
Size 32/50

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings

Description	Type	M	Part No.	P.U.
250 V Hoods, size 32/50	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GOT GA 32 M25 69 A0	25	73.350.3235.0	1
with threaded collar	HD GOT GA 32 M25 69 A1	25	73.350.3235.1	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	HD GOT GA 32 M32 69 A0	32	73.353.3235.0	1
with threaded collar	HD GOT GA 32 M32 69 A1	32	73.353.3235.1	1
Top cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GOT GC 32 M25 69 A0	25	73.352.3235.0	1
with threaded collar	HD GOT GC 32 M25 69 A1	25	73.352.3235.1	1
Top cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	HD GOT GC 32 M32 69 A0	32	73.354.3235.0	1
with threaded collar	HD GOT GC 32 M32 69 A1	32	73.354.3235.1	1
Multipole connectors for cable-to-cable couplings M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GOT GK 32 M25 69 A0	25	73.372.3235.0	1
with threaded collar	HD GOT GK 32 M25 69 A1	25	73.372.3235.1	1
Multipole connectors for cable-to-cable couplings M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	HD GOT GK 32 M32 69 A0	32	73.374.3235.0	1
with threaded collar	HD GOT GK 32 M32 69 A1	32	73.374.3235.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

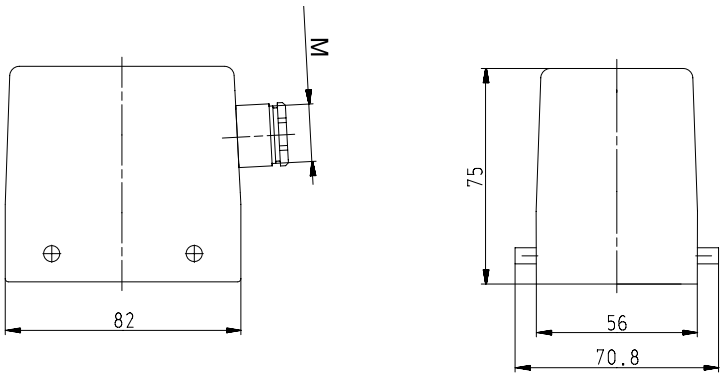
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

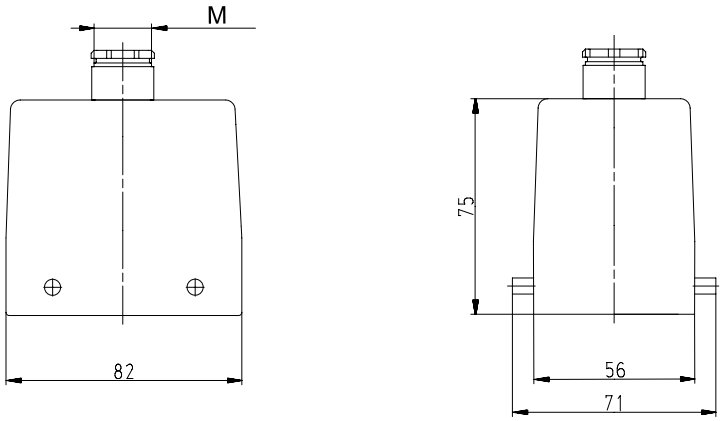
Dimensions

Hoods

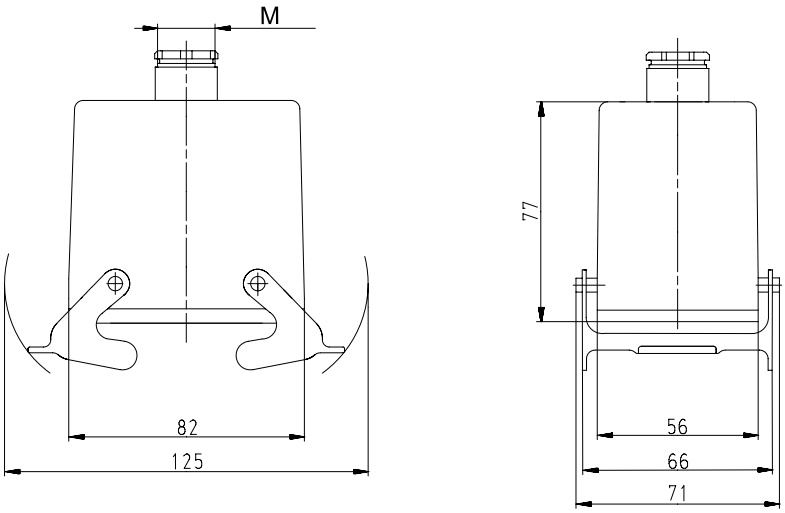
Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



250 V Hoods, double locking lever with Locking levers, Size 32/50

250 V Hoods
Size 32/50

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
250 V Hoods, size 32/50	**Aluminum housing**			
Lateral cable entry M25				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GOT GD 32 M25 69 A0	25	73.355.3235.0	1
with threaded collar	HD GOT GD 32 M25 69 A1	25	73.355.3235.1	1
Lateral cable entry M32				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	HD GOT GD 32 M32 69 A0	32	73.358.3235.0	1
with threaded collar	HD GOT GD 32 M32 69 A1	32	73.358.3235.1	1
Top cable entry M25				
with threaded collar	HD GOT GF 32 M25 69 A1	25	73.357.3235.1	1
Top cable entry M32				
with threaded collar	HD GOT GF 32 M32 69 A1	32	73.359.3235.1	1

Technical data	
Material metal/plastic	Die cast aluminum alloy
Surface	silicon-free
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

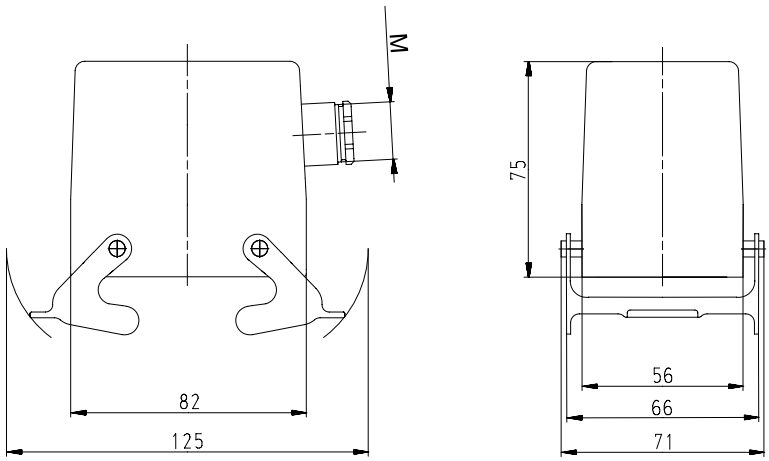
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

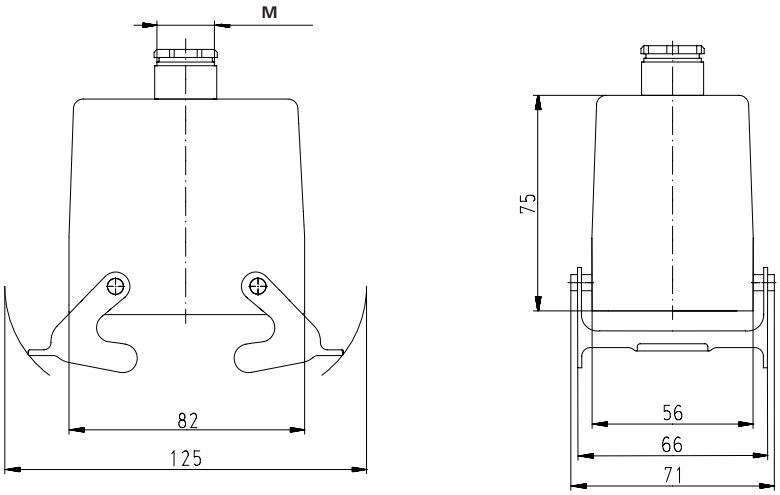
Dimensions

Hoods with Locking levers

Lateral cable entry



Top cable entry



250 V Bases, double locking lever
Size 32/50

250 V Bases, Size 32/50

open
without cover
with cover

closed
2 cable glands
without cover
with cover

closed
1 cable gland
without cover
with cover

Description	Type	M	Part No.	P.U.
250 V Bases, size 32/50	**Aluminum housing**			
Open-bottom base				
without cover	HD GUT GA 32 69 A		73.320.3228.0	1
with metal cover	HD GUT GE 32 69 A		73.325.3228.0	1
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GUT GB 32 M25 69 A0	25	73.330.3235.0	1
with threaded collar	HD GUT GB 32 M25 69 A1	25	73.330.3235.1	1
with metal cover				
with threaded collar	HD GUT GF 32 M25 69 A1	25	73.340.3235.1	1
2 cable glands, 2 x M32				
without cover				
with threaded collar	HD GUT GB 32 M32 69 A1	32	73.334.3235.1	1
with metal cover				
with threaded collar	HD GUT GF 32 M32 69 A1	32	73.344.3235.1	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GUT GC 32 M25 69 A0	25	73.331.3235.0	1
with threaded collar	HD GUT GC 32 M25 69 A1	25	73.331.3235.1	1
with metal cover				
with cable gland, IP54, ⇥IØ⇤ 7.5 – 19 mm	HD GUT GH 32 M25 69 A0	25	73.342.3235.0	1
with threaded collar	HD GUT GH 32 M25 69 A1	25	73.342.3235.1	1
1 cable gland, left, 1 x M32				
without cover				
with cable gland, IP54, ⇥IØ⇤ 15 – 26.5 mm	HD GUT GC 32 M32 69 A0	32	73.335.3235.0	1
with threaded collar	HD GUT GC 32 M32 69 A1	32	73.335.3235.1	1
with metal cover				
with threaded collar	HD GUT GH 32 M32 69 A1	32	73.346.3235.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 … +120 °C

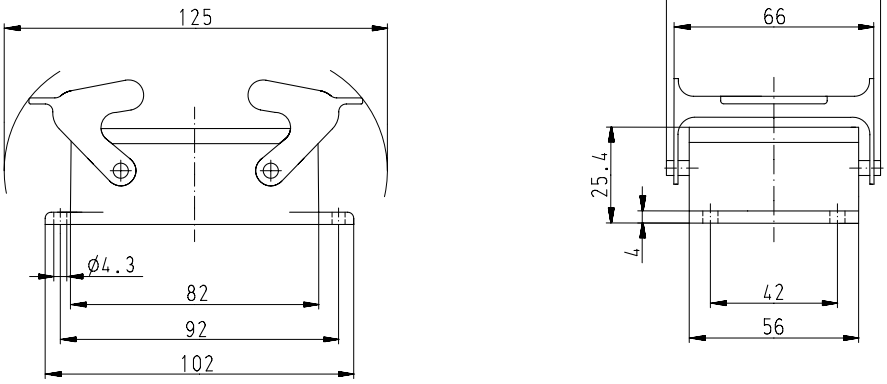
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Contact inserts				
See the product matrix			Page 24–25	

Subject to change without further notice

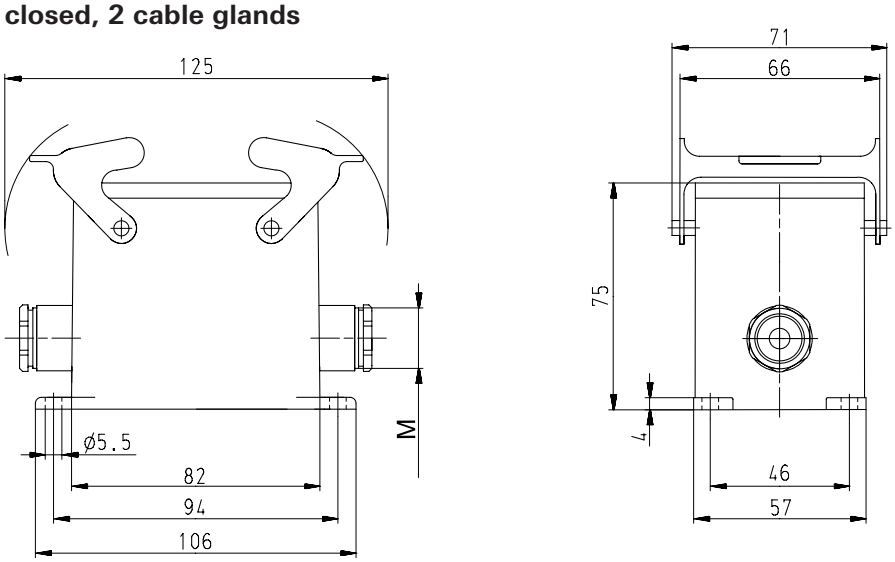
Dimensions

Bases, with and without Locking levers

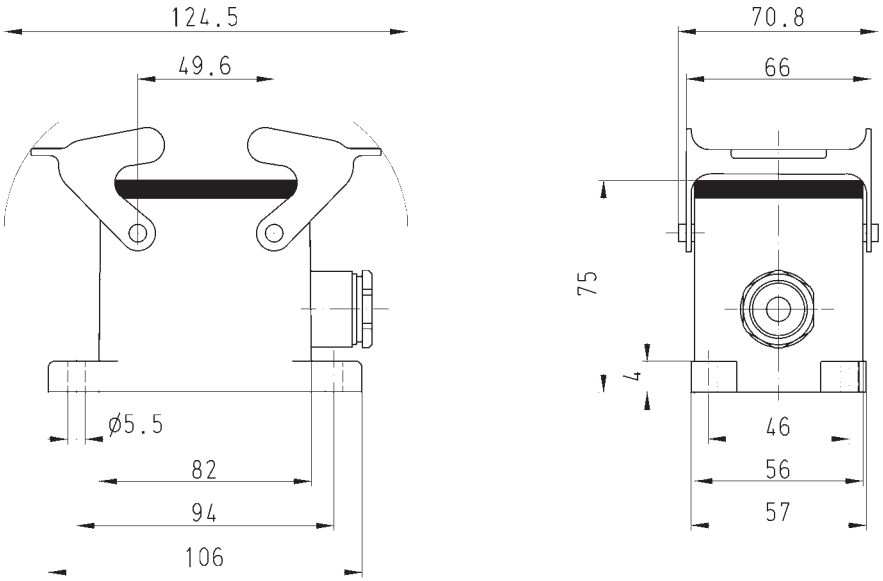
open



closed, 2 cable glands



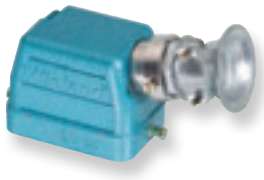
closed, 1 cable gland



90 V Hoods, single locking lever
Size 6Ex

90 V Hoods
Size 6Ex

Lateral cable entry



Top cable entry

Multipole connectors for cable-to-cable couplings
with Locking levers and gasket

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
90 V Hoods, size 6Ex	**Housing, die cast zinc alloy**			
Lateral cable entry M20				
with threaded collar	EX GOT GG 6 M20 09IA Z1	20	70.350.0636.1	1
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GG 6 M20 09IA Z3	20	70.350.0636.3	1
Lateral cable entry M25				
with threaded collar	EX GOT GG 6 M25 09IA Z1	25	70.353.0636.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GG 6 M25 09IA Z3	25	70.353.0636.3	1
Top cable entry M20				
with threaded collar	EX GOT GI 6 M20 09IA Z1	20	70.352.0636.1	1
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GI 6 M20 09IA Z3	20	70.352.0636.3	1
Top cable entry M25				
with threaded collar	EX GOT GI 6 M25 09IA Z1	25	70.354.0636.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GI 6 M25 09IA Z3	25	70.354.0636.3	1
Multipole connectors for cable-to-cable couplings with Locking levers and gasket				
Lateral cable entry M20				
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GT 6 M20 09IA Z4	20	99.731.3329.7	10
Lateral cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GT 6 M25 09IA Z4	25	99.732.3329.7	1
Top cable entry M20				
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GR 6 M20 09IA Z3	20	99.741.3329.7	10
Top cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GR 6 M25 09IA Z3	25	99.742.3329.7	10

Technical data	
Material	Die cast zinc alloy
Surface	silicon-free, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

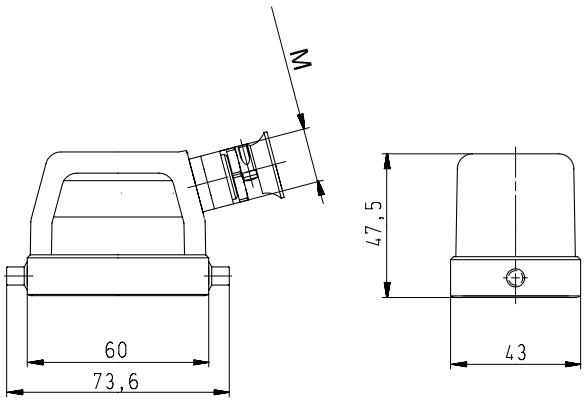
See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ex I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 278 and 283.

Subject to change without further notice

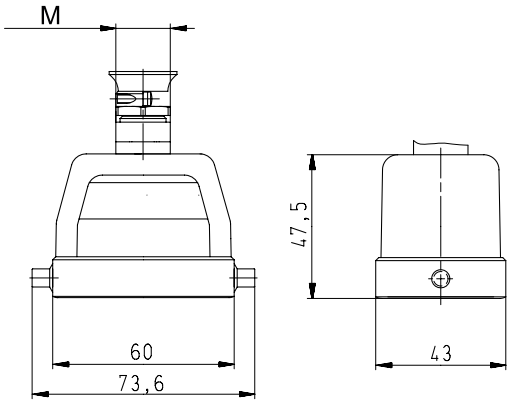
Dimensions

Hoods

Lateral cable entry



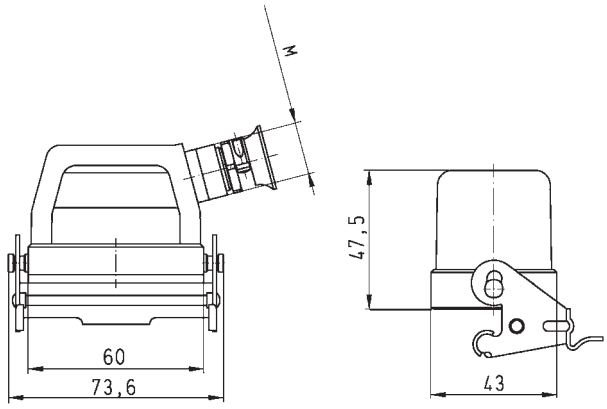
Top cable entry



Multipole connectors for cable-to-cable couplings

with Locking levers and gasket

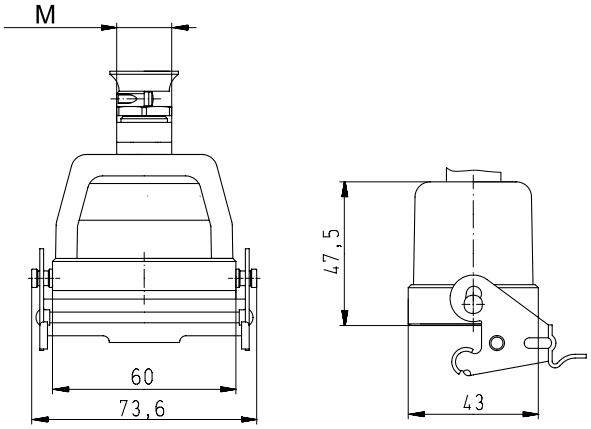
Lateral cable entry



Multipole connectors for cable-to-cable couplings

with Locking levers and gasket

Top cable entry



90 V Bases, single locking lever
Size 6Ex

90 V Bases
Size 6Ex

open
without cover
with cover

closed
1 cable gland, lateral cable entry
without cover
with cover

closed
1 cable gland, bottom
with cover

Description	Type	M	Part No.	P.U.
90 V Bases, size 6Ex	**Housing, die cast zinc alloy**			
Open-bottom base				
without cover	EX GUT GK 6 09IA Z		70.320.0628.9	1
with cover	EX GUT GP 6 09IA Z		70.325.0628.9	1
cover with gasket	EX GUT GV 6 09IA Z		99.700.3329.7	10
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GL 6 M20 09IA Z0	20	70.330.0636.0	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GR 6 M20 09IA Z0	20	70.340.0636.0	1
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GL 6 M25 09IA Z0	25	70.334.0636.0	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GR 6 M25 09IA Z0	25	70.344.0636.0	1
1 cable gland, left, 1 x M20				
without cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GM 6 M20 09IA Z0	20	70.331.0636.0	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GS 6 M20 09IA Z0	20	70.341.0636.0	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GM 6 M25 09IA Z0	25	70.335.0636.0	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GS 6 M25 09IA Z0	25	70.345.0636.0	1
1 cable gland, right, 1 x M20				
with cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GT 6 M20 09IA Z0	20	70.342.0636.0	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GT 6 M25 09IA Z0	25	70.346.0636.0	1
1 cable gland, bottom, 1 x M20				
without cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GO 6 M20 09IA Z0	20	70.333.0636.0	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GU 6 M20 09IA Z0	20	70.343.0636.0	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GO 6 M25 09IA Z0	25	70.337.0636.0	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GU 6 M25 09IA Z0	25	70.347.0636.0	1

Technical data	
Material metal/plastic	Die cast zinc alloy/Cover Polyamide
Surface	silicon-free, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

See section “facts & DATA” for handling and assembly of the multipole connectors.
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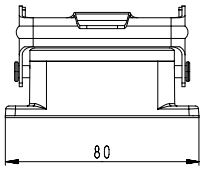
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 278 and 283.

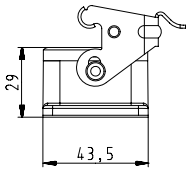
Subject to change without further notice

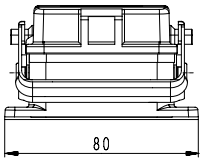
Dimensions

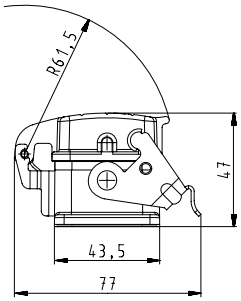
Bases

open

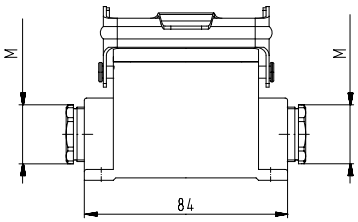


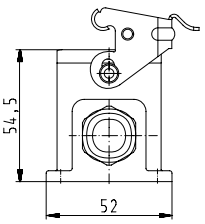


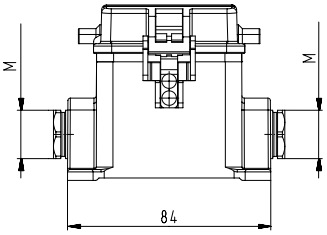


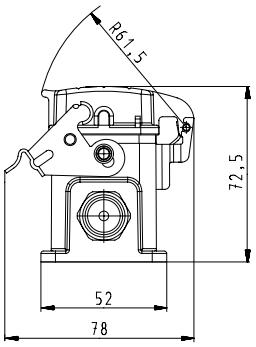


closed, 2 cable glands, lateral cable entry

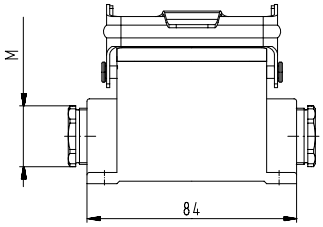


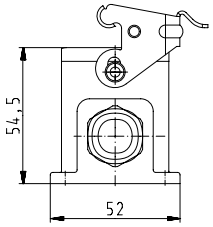


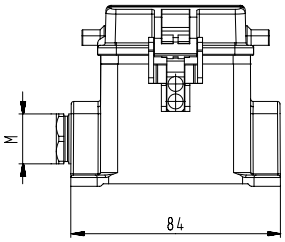


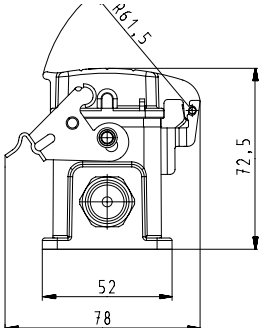


closed, 1 cable gland, lateral cable entry

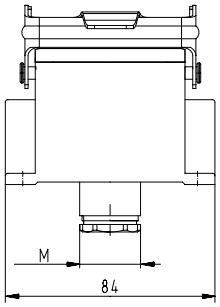


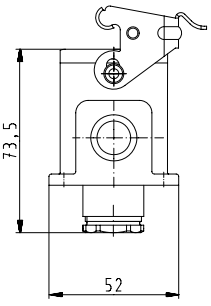


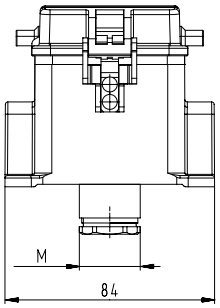


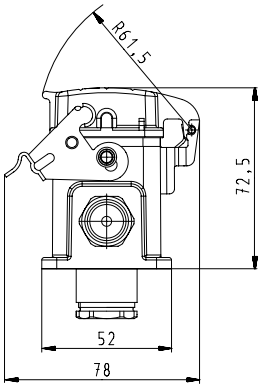


closed, 1 cable gland, bottom





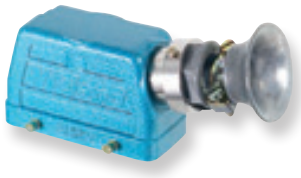




90 V Hoods, double locking lever
Size 10Ex

90 V Hoods
Size 10Ex

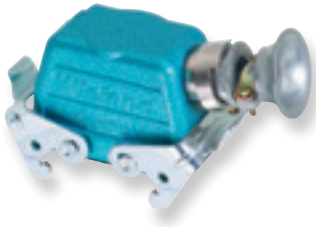
Lateral cable entry



Top cable entry

Multipole connectors for cable-to-cable couplings
with Locking levers and gasket

Lateral cable entry



Top cable entry

Description	Type	M	Part No.	P.U.
90 V Hoods, size 10Ex	**Housing, die cast zinc alloy**			
Lateral cable entry M20				
with threaded collar	EX GOT GA 10 M20 09IA Z1	20	70.350.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GA 10 M20 09IA Z3	20	70.350.1036.3	1
Lateral cable entry M25				
with threaded collar	EX GOT GA 10 M25 09IA Z1	25	70.353.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GA 10 M25 09IA Z3	25	70.353.1036.3	1
Top cable entry M20				
with threaded collar	EX GOT GC 10 M20 09IA Z1	20	70.352.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GC 10 M20 09IA Z3	20	70.352.1036.3	1
Top cable entry M25				
with threaded collar	EX GOT GC 10 M25 09IA Z1	25	70.354.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GC 10 M25 09IA Z3	25	70.354.1036.3	1
90 V Hoods, size 10Ex				
with Locking levers without gasket				
Lateral cable entry M20				
with threaded collar, with Locking levers	EX GOT GD 10 M20 09IA Z1	20	70.355.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm, with Locking levers	EX GOT GD 10 M20 09IA Z3	20	70.355.1036.3	1
Lateral cable entry M25				
with threaded collar, with Locking levers	EX GOT GD 10 M25 09IA Z1	25	70.358.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm, with Locking levers	EX GOT GD 10 M25 09IA Z3	25	70.358.1036.3	1
Top cable entry M20				
with threaded collar, with Locking levers	EX GOT GF 10 M20 09IA Z1	20	70.357.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm, with Locking levers	EX GOT GC 10 M20 09IA Z3	20	70.357.1036.3	1
Top cable entry M25				
with threaded collar, with Locking levers	EX GOT GF 10 M25 09IA Z1	25	70.359.1036.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm, with Locking levers	EX GOT GF 10 M25 09IA Z3	25	70.359.1036.3	1
Multipole connectors for cable-to-cable couplings with Locking levers and gasket				
Lateral cable entry M20				
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GS 10 M20 09IA Z4	20	99.733.3329.7	8
Lateral cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GS 10 M25 09IA Z4	25	99.734.3329.7	1
Top cable entry M20				
with strain relief, IP54 ⇥Ø⇤ 9 – 13.5 mm	EX GOT GP 10 M20 09IA Z4	20	99.743.3329.7	8
Top cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GP 10 M25 09IA Z4	25	99.744.3329.7	8

Technical data	
Material	Die cast zinc alloy
Surface	silicon-free, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

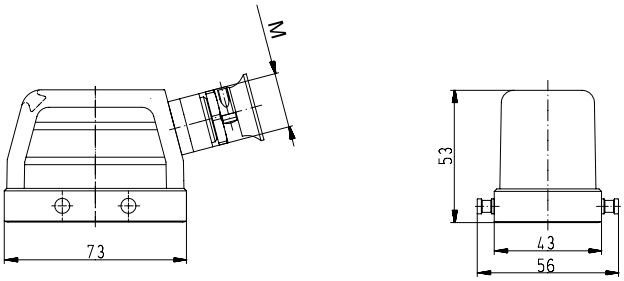
See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ex I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 278 and 283.

Subject to change without further notice

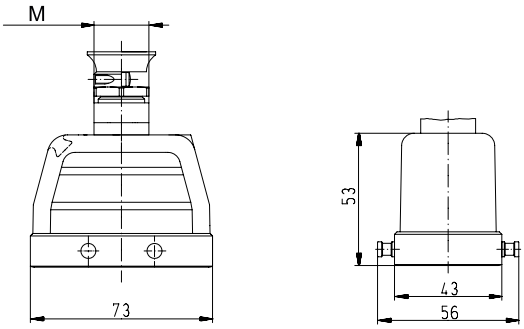
Dimensions

Hoods

Lateral cable entry



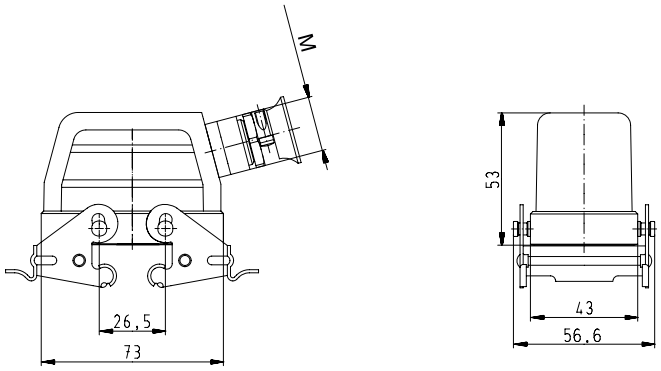
Top cable entry

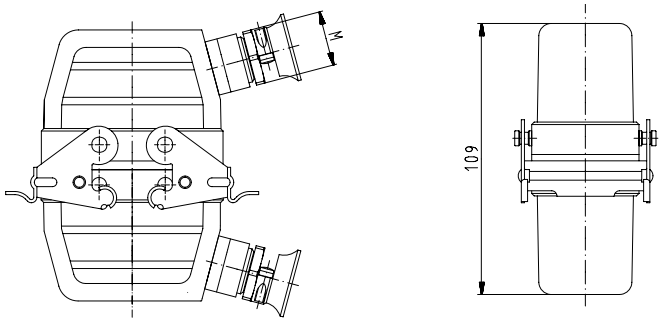


Multipole connectors for cable-to-cable couplings

with Locking levers and gasket

Lateral cable entry

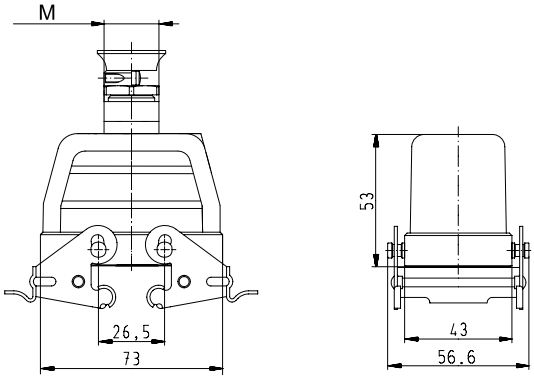


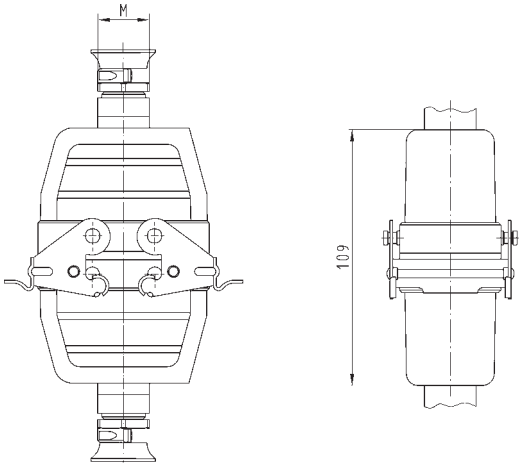


Multipole connectors for cable-to-cable couplings

with Locking levers and gasket

Top cable entry





90 V Bases, double locking lever
Size 10Ex

90 V Bases
Size 10Ex

open
without cover
with cover

closed
1 cable gland, lateral cable entry
without cover

closed
1 cable gland, bottom
without cover

Description	Type	M	Part No.	P.U.
90 V Bases, size 10Ex	**Housing, die cast zinc alloy**			
Open-bottom base				
without cover	EX GUT GA 10 09IA Z		70.320.1028.9	1
with cover, without Locking levers	EX GUT GE 10 09IA Z		70.325.1028.9	1
cover with gasket	EX GUT GX 10 09IA Z		99.706.3329.7	10
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GB 10 M20 09IA Z0	20	70.330.1036.0	1
with cover, without Locking levers				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GF 10 M20 09IA Z0	20	70.340.1036.0	1
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GB 10 M25 09IA Z0	25	70.334.1036.0	1
with cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GF 10 M25 09IA Z0	25	70.344.1036.0	1
1 cable gland, left, 1 x M20				
without cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GC 10 M20 09IA Z0	20	70.331.1036.0	1
with cover, without Locking levers				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GG 10 M20 09IA Z0	20	70.341.1036.0	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GC 10 M25 09IA Z0	25	70.335.1036.0	1
with cover, without Locking levers				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GG 10 M25 09IA Z0	25	70.345.1036.0	1
1 cable gland, bottom, 1 x M20				
without cover				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GD 10 M20 09IA Z0	20	70.333.1036.0	1
with cover, without Locking levers				
with cable gland, IP54, ⇥IØI⇤ 3 – 14.5 mm	EX GUT GI 10 M20 09IA Z0	20	70.343.1036.0	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GD 10 M25 09IA Z0	25	70.337.1036.0	1
with cover, without Locking levers				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GI 10 M25 09IA Z0	25	70.347.1036.0	1

Technical data	
Material metal/plastic	Die cast zinc alloy/Cover Polyamide
Surface	silicon-free, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

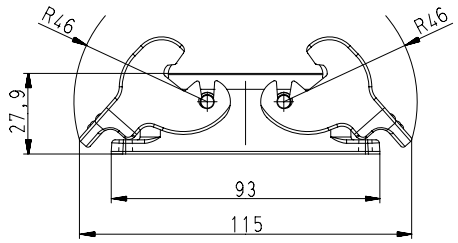
See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ex I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 278 and 283.

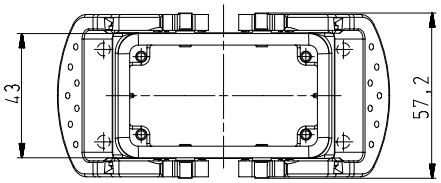
Subject to change without further notice

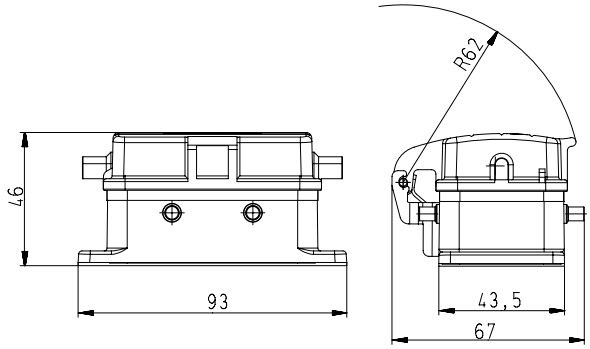
Dimensions

Bases

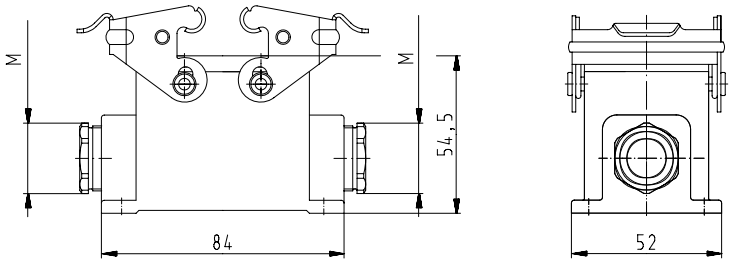
open



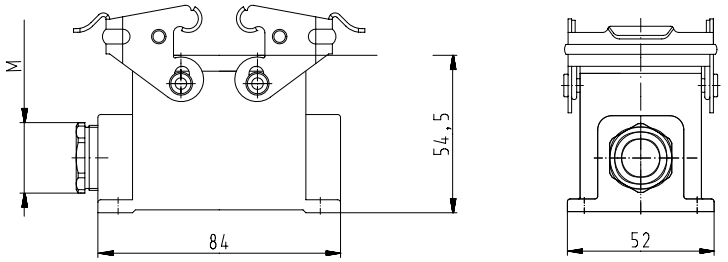




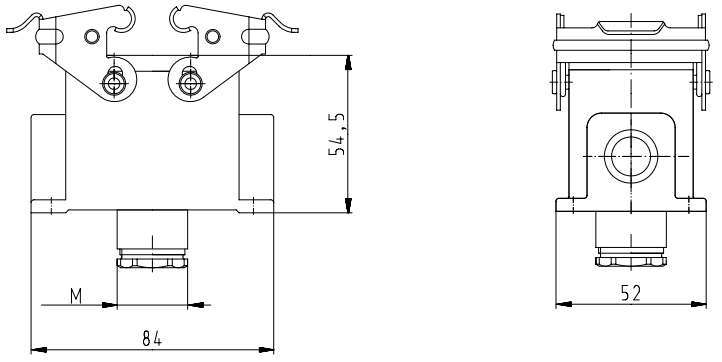
closed, 2 cable glands



closed, 1 cable gland, lateral cable entry



closed, 1 cable gland, bottom



90 V Hoods, double locking lever
Size 16Ex

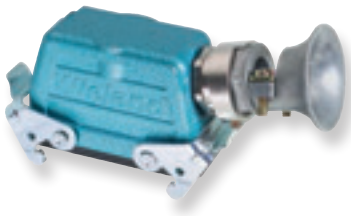
90 V Hoods
Size 16Ex

Lateral cable entry

Top cable entry

Multipole connectors for cable-to-cable couplings
with Locking levers and gasket

Lateral cable entry



Top cable entry

Description	Type	M	Part No.	P.U.
90 V Hoods, size 16Ex	**Housing, die cast zinc alloy**			
Lateral cable entry M25				
with threaded collar	EX GOT GA 16 M25 09IA Z1	25	70.350.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GA 16 M25 09IA Z3	25	70.350.1636.3	1
Lateral cable entry M32				
with threaded collar	EX GOT GA 16 M32 09IA Z1	32	70.353.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GA 16 M32 09IA Z3	32	70.353.1636.3	1
Top cable entry M25				
with threaded collar	EX GOT GC 16 M25 09IA Z1	25	70.352.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GC 16 M25 09IA Z3	25	70.352.1636.3	1
Top cable entry M32				
with threaded collar	EX GOT GC 16 M25 09IA Z1	32	70.354.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GC 16 M25 09IA Z3	32	70.354.1636.3	1
90 V Hoods, size 16Ex with Locking levers without gasket				
Lateral cable entry M25				
with threaded collar, with Locking levers	EX GOT GD 16 M25 09IA Z1	25	70.355.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm, with Locking levers	EX GOT GD 16 M25 09IA Z3	25	70.355.1636.3	1
Lateral cable entry M32				
with threaded collar, with Locking levers	EX GOT GD 16 M32 09IA Z1	32	70.358.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm, with Locking levers	EX GOT GD 16 M32 09IA Z3	32	70.358.1636.3	1
Top cable entry M25				
with threaded collar, with Locking levers	EX GOT GF 16 M25 09IA Z1	25	70.357.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm, with Locking levers	EX GOT GC 16 M25 09IA Z3	25	70.357.1636.3	1
Top cable entry M32				
with threaded collar, with Locking levers	EX GOT GF 16 M25 09IA Z1	32	70.359.1636.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm, with Locking levers	EX GOT GF 16 M25 09IA Z3	32	70.359.1636.3	1
Multipole connectors for cable-to-cable couplings with Locking levers and gasket				
Lateral cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GS 16 M25 09IA Z4	25	99.735.3329.7	1
Lateral cable entry M32				
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GS 16 M32 09IA Z4	32	99.736.3329.7	1
Top cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GR 16 M25 09IA Z4	25	99.745.3329.7	1
Top cable entry M32				
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GR 16 M32 09IA Z4	32	99.746.3329.7	1

Technical data	
Material	Die cast zinc alloy
Surface	silicon-free, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

See section “facts & DATA” for handling and assembly of the multipole connectors.

0344 Ex I M1 Ex ia I

BVS 03 **ATEX** 184 X

EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

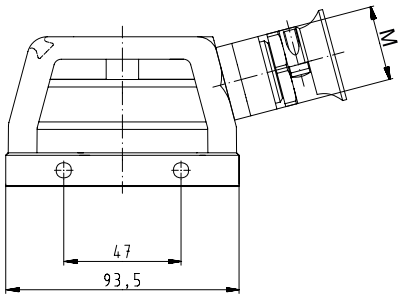
For assembly instructions, see page 278 and 283.

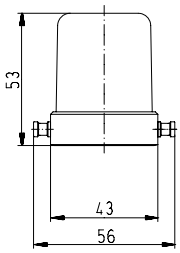
Subject to change without further notice

Dimensions

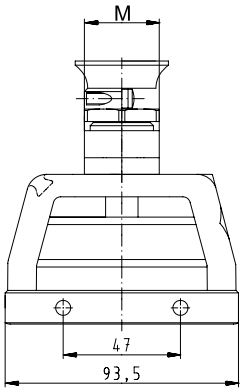
Hoods

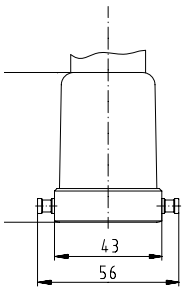
Lateral cable entry





Top cable entry

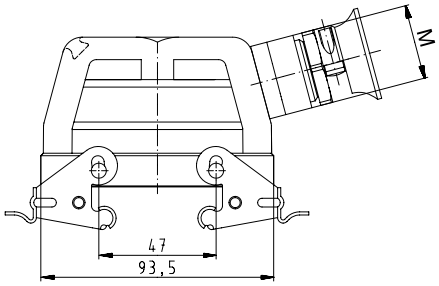


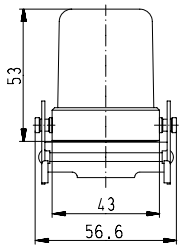


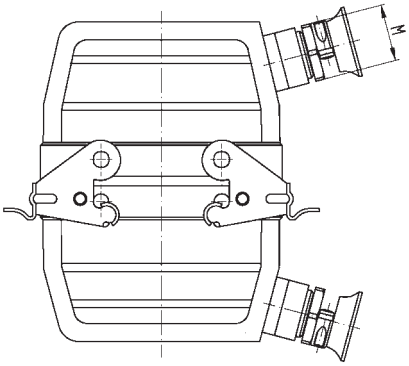
Multipole connectors for cable-to-cable couplings

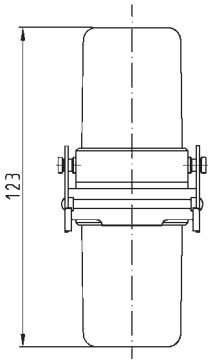
with Locking levers and gasket

Lateral cable entry





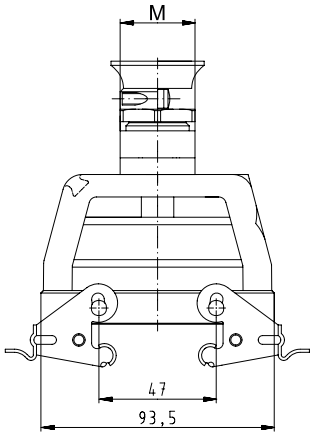


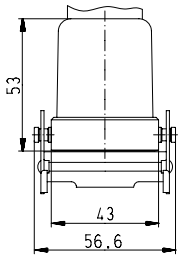


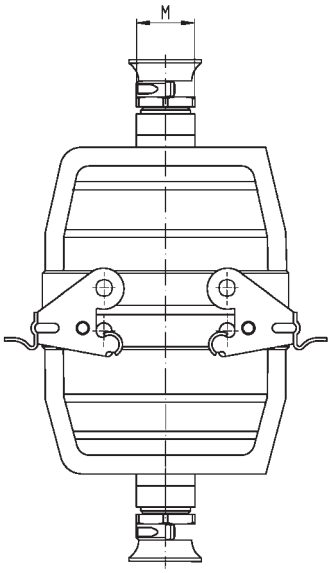
Multipole connectors for cable-to-cable couplings

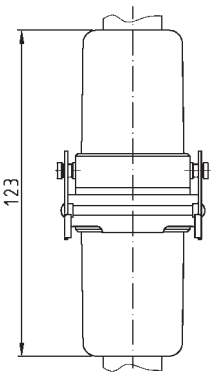
with Locking levers and gasket

Top cable entry







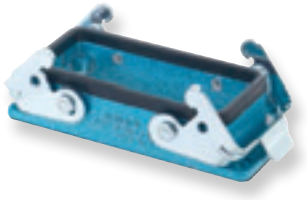


90 V Bases, double locking lever
Size 16Ex

90 V Bases
Size 16Ex

ATEX

open
without cover



Description	Type	M	Part No.	P.U.
90 V Bases, size 16Ex	**Housing, die cast zinc alloy**			
Open-bottom base				
without cover	EX GUT GA16 09IA Z		70.320.1628.9	1
with cover, without Locking levers	EX GUT GE 16 09IA Z		70.325.1628.9	1
cover with gasket, without Locking levers	EX GUT GX 16 09IA Z		99.702.3329.7	10

Technical data	
Material metal/plastic	Die cast zinc alloy/Cover Polyamide
Surface	silicon-free, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

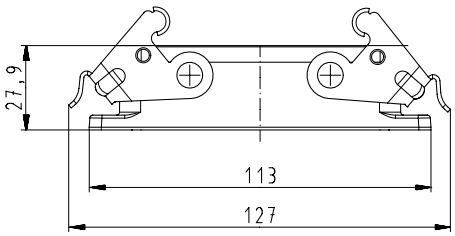
See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ex I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 278 and 283.

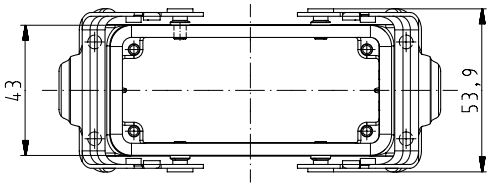
Subject to change without further notice

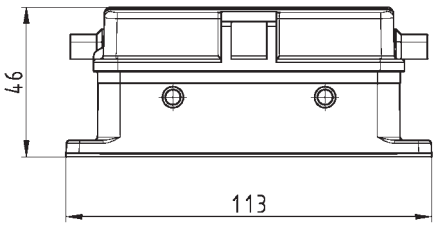
Dimensions

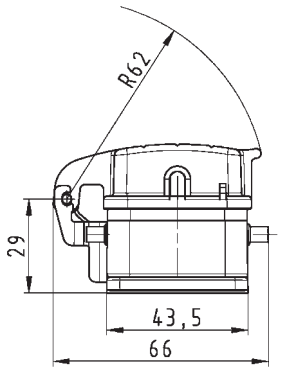
Bases

open





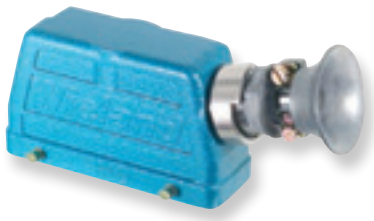




90 V Hoods, double locking lever
Size 24Ex

90 V Hoods
Size 24Ex

Lateral cable entry



Top cable entry

Multipole connectors for cable-to-cable couplings
with Locking levers and gasket

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
90 V Hoods, size 24Ex	**Housing, die cast zinc alloy**			
Lateral cable entry M25				
with threaded collar	EX GOT GA 24 M25 09IA Z1	25	70.350.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GA 24 M25 09IA Z3	25	70.350.2436.3	1
Lateral cable entry M32				
with threaded collar	EX GOT GA 24 M32 09IA Z1	32	70.353.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GA 24 M32 09IA Z3	32	70.353.2436.3	1
Top cable entry M25				
with threaded collar	EX GOT GC 24 M25 09IA Z1	25	70.352.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GC 24 M25 09IA Z3	25	70.352.2436.3	1
Top cable entry M32				
with threaded collar	EX GOT GC 24 M25 09IA Z1	32	70.354.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GC 24 M25 09IA Z3	32	70.354.2436.3	1
90 V Hoods, size 24Ex				
with Locking levers without gasket				
Lateral cable entry M25				
with threaded collar, with Locking levers	EX GOT GD 24 M25 09IA Z1	25	70.355.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm, with Locking levers	EX GOT GD 24 M25 09IA Z3	25	70.355.2436.3	1
Lateral cable entry M32				
with threaded collar, with Locking levers	EX GOT GD 24 M32 09IA Z1	32	70.358.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm, with Locking levers	EX GOT GD 24 M32 09IA Z3	32	70.358.2436.3	1
Top cable entry M25				
with threaded collar, with Locking levers	EX GOT GF 24 M25 09IA Z1	25	70.357.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm, with Locking levers	EX GOT GC 24 M25 09IA Z3	25	70.357.2436.3	1
Top cable entry M32				
with threaded collar, with Locking levers	EX GOT GF 24 M25 09IA Z1	32	70.359.2436.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm, with Locking levers	EX GOT GF 24 M25 09IA Z3	32	70.359.2436.3	1
Multipole connectors for cable-to-cable couplings with Locking levers and gasket				
Lateral cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GS 24 M25 09IA Z4	25	99.737.3329.7	5
Lateral cable entry M32				
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GS 24 M32 09IA Z4	32	99.738.3329.7	5
Top cable entry M25				
with strain relief, IP54 ⇥Ø⇤ 14 – 20 mm	EX GOT GR 24 M25 09IA Z4	25	99.747.3329.7	4
Top cable entry M32				
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GR 24 M32 09IA Z4	32	99.748.3329.7	4

Technical data	
Material	Die cast zinc alloy
Surface	silicon-free, light blue
Locking levers	zinc-plated steel
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

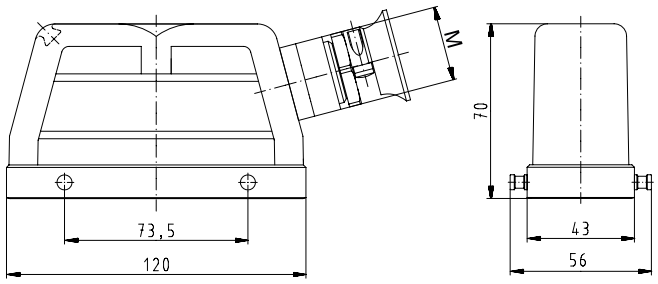
See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ex I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 278 and 283.

Subject to change without further notice

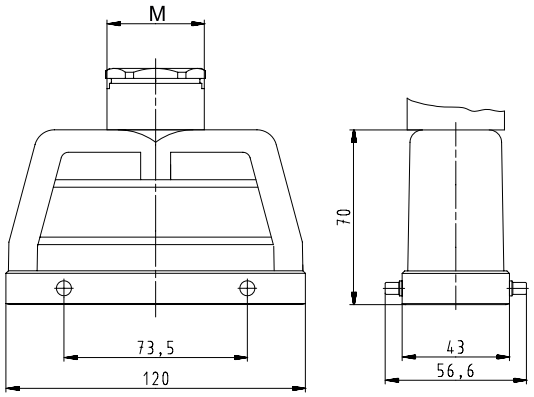
Dimensions

Hoods

Lateral cable entry



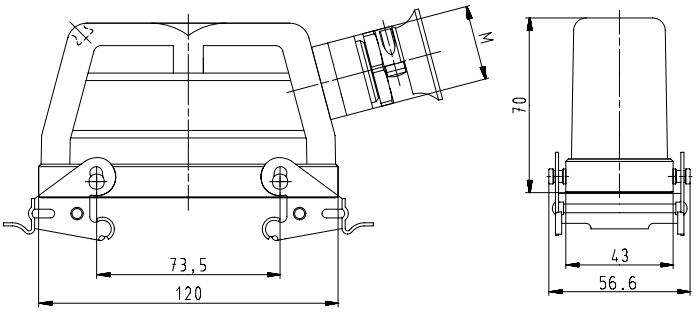
Top cable entry

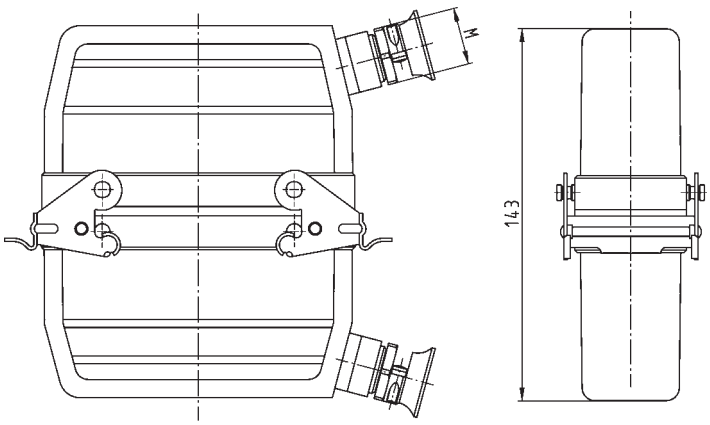


Multipole connectors for cable-to-cable couplings

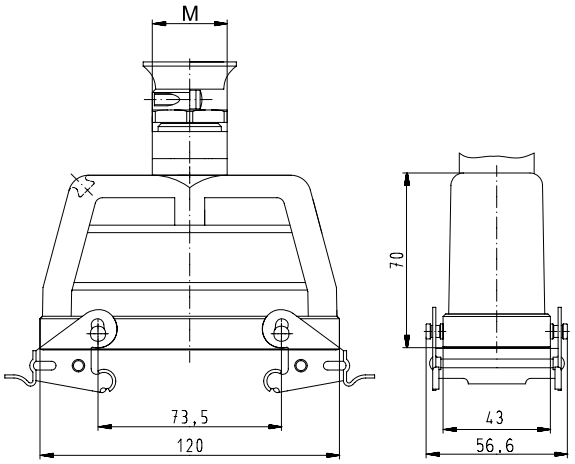
with Locking levers and gasket

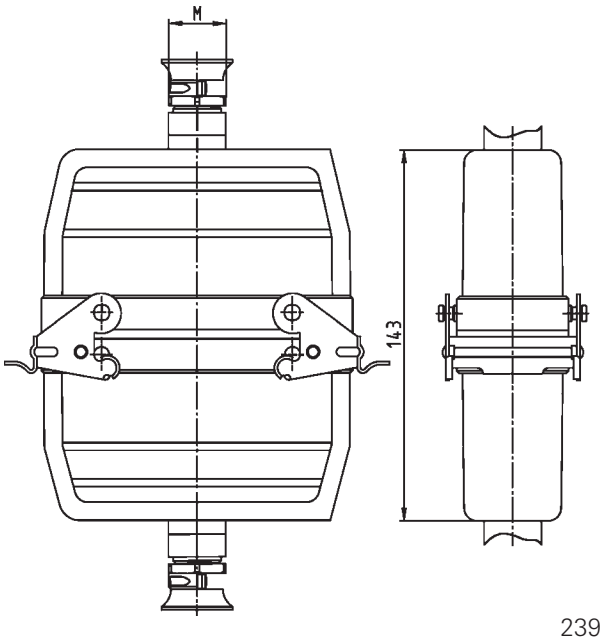
Lateral cable entry





Top cable entry



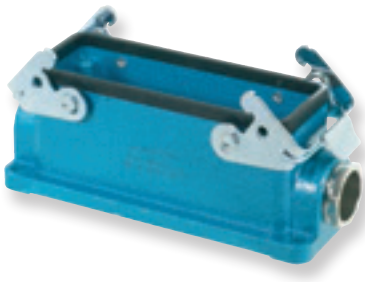


90 V Bases, double locking lever
Size 24Ex

90 V Bases
Size 24Ex

open
without cover

closed
1 cable gland
without cover



closed
1 cable gland, bottom
without cover

Description	Type	M	Part No.	P.U.
90 V Bases, size 24Ex	**Housing, die cast zinc alloy**			
Open-bottom base				
without cover	EX GUT GA 24 09IA Z		70.320.2428.9	1
with cover, without Locking levers	EX GUT GE 24 09IA Z		70.325.2428.9	1
cover with gasket, without Locking levers	EX GUT GX 24 09IA Z		99.706.3329.7	10
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GB 24 M25 09IA Z0	25	70.330.2436.0	1
with cover, without Locking levers				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GF 24 M25 09IA Z0	25	70.340.2436.0	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GC 24 M25 09IA Z0	25	70.331.2436.0	1
with cover, without Locking levers				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GG 24 M25 09IA Z0	25	70.341.2436.0	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GD 24 M25 09IA Z0	25	70.333.2436.0	1
with cover, without Locking levers				
with cable gland, IP54, ⇥IØI⇤ 7.5 – 19 mm	EX GUT GI 24 M25 09IA Z0	25	70.343.2436.0	1

Technical data	
Material	Die cast zinc alloy
Surface	silicon-free, light blue
Locking levers	zinc-plated steel
Gasket	NBR
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

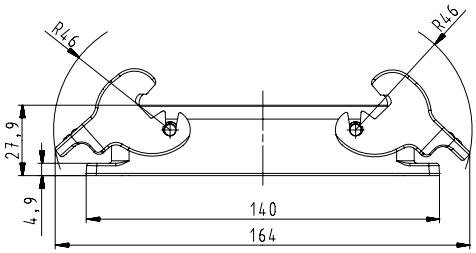
See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ex I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 278 and 283.

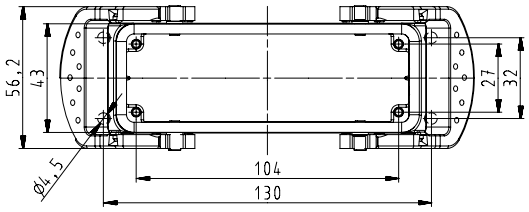
Subject to change without further notice

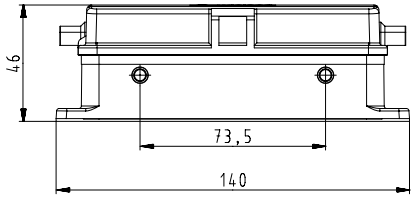
Dimensions

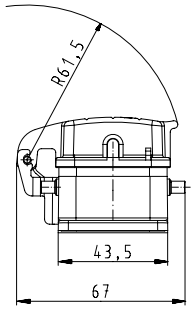
Bases

open

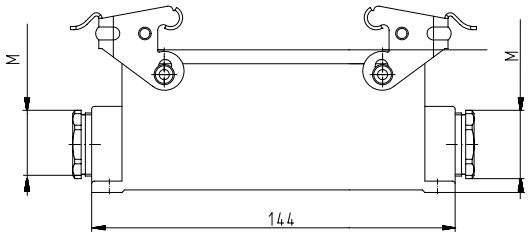


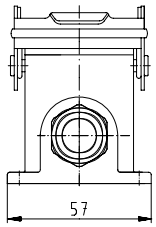




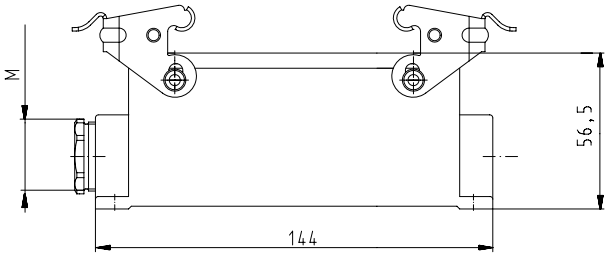


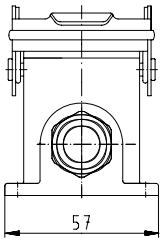
closed, 2 cable glands



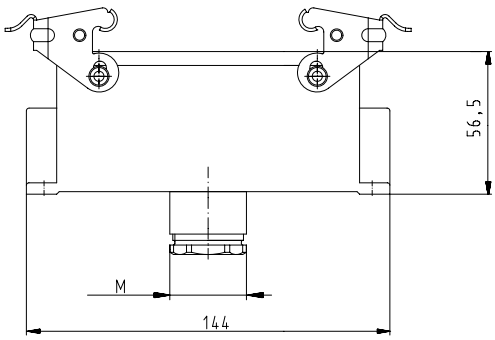


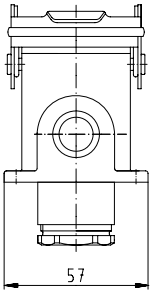
closed, 1 cable gland





closed, 1 cable gland, bottom





90 V Hoods, single locking lever, Size 48Ex

90 V Hoods Size 48Ex

Lateral cable entry

Top cable entry

Description	Type	M	Part No.	P.U.
90 V Hoods, size 48Ex	**Housing, die cast zinc alloy**			
Lateral cable entry M32				
with threaded collar	EX GOT GG 48 M32 09IA Z1	32	70.350.4836.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GG 48 M32 09IA Z3	32	70.350.4836.3	1
Lateral cable entry M40				
with threaded collar	EX GOT GG 48 M40 09IA Z1	40	70.353.4836.1	1
Top cable entry M32				
with threaded collar	EX GOT GI 48 M32 09IA Z1	32	70.352.4836.1	1
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	EX GOT GI 48 M32 09IA Z3	32	70.352.4836.3	1
Top cable entry M40				
with threaded collar	EX GOT GI 48 M40 09IA Z1	40	70.354.4836.1	1

Technical data	
Material	Die cast zinc alloy
Surface	silicon-free, light blue
Locking levers	–
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

See section “facts & DATA” for handling and assembly of the multipole connectors.

0344 Ex I M1 Ex ia I

BVS 03 **ATEX** 184 X

EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

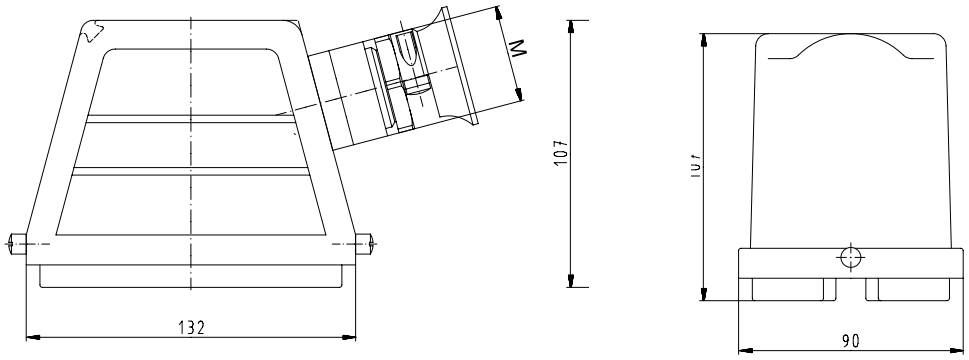
For assembly instructions, see page 278 and 283.

Subject to change without further notice

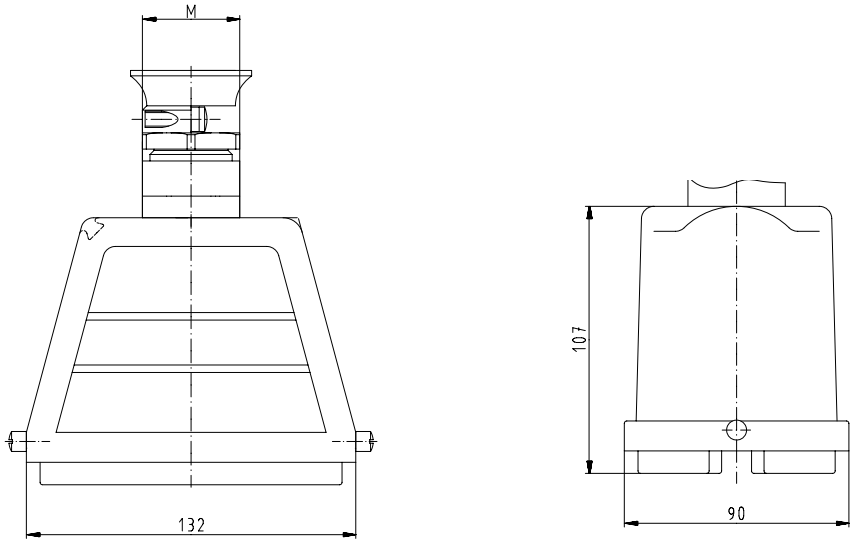
Dimensions

Hoods

Lateral cable entry



Top cable entry



90 V Bases, single locking lever, Size 48Ex

90 V Bases Size 48Ex

open

without cover
with cover

closed

without cover
with cover

Description	Type	M	Part No.	P.U.
90 V Bases, size 48Ex	**Housing, die cast zinc alloy**			
Open-bottom base				
without cover	EX GUT GK48 09IA Z		70.320.4828.9	1
with metal cover	EX GUT GP48 09IA Z		70.325.4828.9	1
Closed-bottom base				
1 cable gland, left, 1 x M32				
without cover				
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	BAS GUT GM 48 M32 09IA Z3	32	70.331.4836.3	1
with metal cover				
with strain relief, IP54 ⇥Ø⇤ 21 – 28.5 mm	BAS GUT GS 48 M32 09IA Z3	32	70.341.4836.3	1
1 cable gland, left, 1 x M40				
with metal cover				
with cable gland, IP54, ⇥Ø⇤ 27 – 37 mm	BAS GUT GR 48 M40 09IA Z3	40	70.344.4836.4	1

Technical data	
Material	Die cast zinc alloy
Surface	silicon-free, light blue
Locking levers	–
Gasket	–
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-20 … +60 °C

Contact inserts	
See the product matrix	Page 24–25

Special conditions for safe use:

1. The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
2. The plug connectors can be used in an ambient temperature ranges of -20 °C to +60 °C.

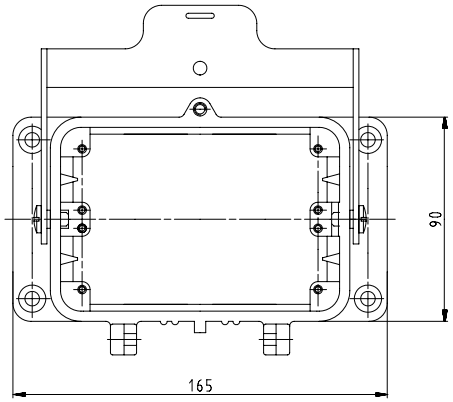
See section “facts & DATA” for handling and assembly of the multipole connectors.
0344 Ex I M1 Ex ia I
BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 278 and 283.

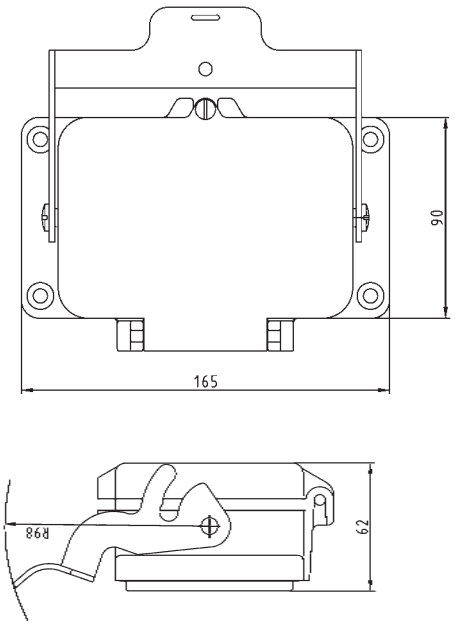
Subject to change without further notice

Dimensions

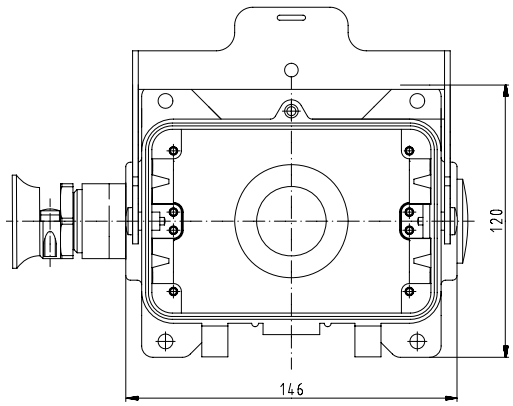
Bases

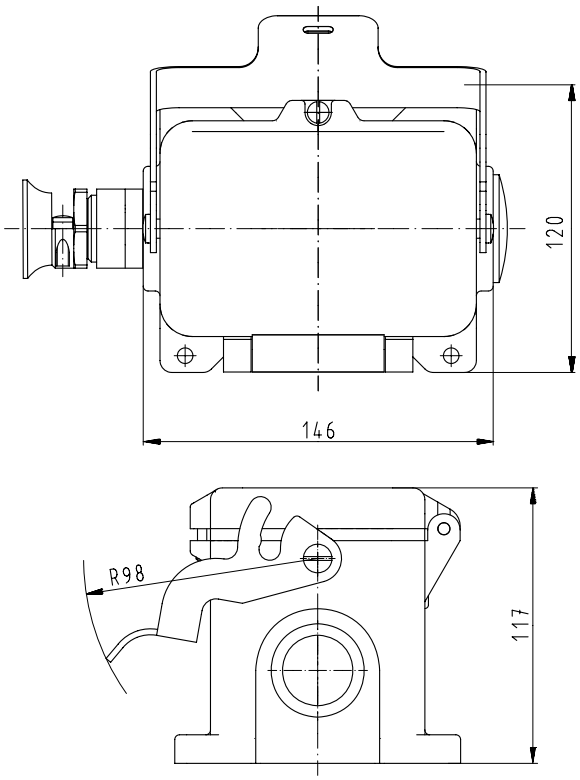
open





closed





Multipole connector sets with 4 components screw connection 500 V / 16 A

Heavy duty connector kits, complete, consisting of:
male and female inserts, plugged together, loosely assembled into hoods and housings, and locked.

Screw connection

Screw connection

Housing	Number of poles	M	Part No.	P.U.	Female insert	Male insert
Size 6	6-pole + ground	20	99.700.0000.6	1	●	●
Size 10	10-pole + ground	20	99.701.0000.6	1	●	●
Size 16	16-pole + ground	25	99.702.0000.6	1	●	●
Size 24	24-pole + ground	25	99.703.0000.6	1	●	●
Size 6	6-pole + ground	25	99.706.0000.6	1	●	●
Size 10	10-pole + ground	25	99.707.0000.6	1	●	●
Size 16	16-pole + ground	32	99.708.0000.6	1	●	●
Size 24	24-pole + ground	32	99.709.0000.6	1	●	●
Size 6	6-pole + ground	25	99.718.0000.6	1	●	●
Size 10	10-pole + ground	25	99.719.0000.6	1	●	●
Size 16	16-pole + ground	32	99.720.0000.6	1	●	●
Size 24	24-pole + ground	32	99.721.0000.6	1	●	●
Size 6	6-pole + ground	20	99.724.0000.6	1	●	●
Size 10	10-pole + ground	20	99.725.0000.6	1	●	●
Size 16	16-pole + ground	25	99.726.0000.6	1	●	●
Size 24	24-pole + ground	25	99.727.0000.6	1	●	●
For technical information see the individual components					**70.300.xx40.0**	**70.310.xx.40.0**

● **Part of the set belonging to the order no.**

xx = 06 for 6-pole
10 for 10-pole
16 for 16-pole
24 for 24-pole

Subject to change without further notice

With metric cable entry on the side

With metric cable entry on the top

Open

Closed, with a metric cable entry

Hood	Hood	Bottom base	Bottom base
●		●	
●		●	
●		●	
●		●	
●		●	
●		●	
●		●	
●		●	
	●	●	
	●	●	
	●	●	
	●	●	
●			●
●			●
●			●
●			●
70.35x.xx35.0	**70.352.xx35.0**	**70.320.xx28.0**	**70.331.xx35.0**

Accessories

revos accessories – all that you need

We offer a wide range of accessories in our portfolio of heavy duty connectors, such as DIN rail mounting frames, knock-out cover plates, coding pins, cable glands, covers for our housings, labeling accessories, and the related tools.

Mounting frames for *revos* contact inserts

The mounting frames of the ***revos*** BASIC family are ideal for use in low-voltage switching systems. They are mounted directly to the 35x15 DIN rail according to DIN EN 50022 inside the control cabinet. Use of the DIN rail mounting frame on a 7.5 mm high DIN-rail 35 x 7.5 in accordance with DIN EN 50022 is only possible if the installation space behind it is free.

The system has the following advantages:

- Reduction of material and mounting costs
- Simple and trouble-free installation
- Wire harness assemblies possible
- Easy troubleshooting with hinged top that enables access to the back of the connector.
- Re-wiring is possible without disconnecting.

The robust contact inserts of the ***revos*** family in use worldwide are used for this purpose.
The following contact inserts are available:

- ***revos*** BASIC
  Size 6, 10,16, 24
- ***revos*** POWER
  Size 16, 24
- ***revos*** HD
  40- and 64-pole
- ***revos*** FLEX
  Size 6, 10, 16, 24
- ***revos*** BASIC EE
  Size 6, 10, 16, 24
- ***revos*** DD
  Size 6, 10, 16, 24

Mounting frames without contact inserts

Size 6

Description	Type	Part No.	P.U.
Mountig frame			
Size 6		Z5.574.0653.0	1
Size 10		Z5.574.1053.0	1
Size 16		Z5.574.1653.0	1
Size 24		Z5.574.2453.0	1
Size 2 x 6		Z5.574.1253.0	1
Technical data			
Installation	on TS 35x15 mounting rail		

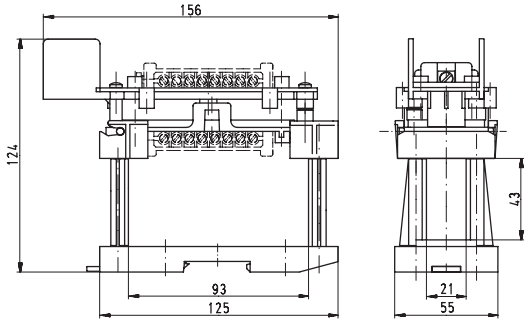
Description	Type	Part No.	P.U.
Accessories			
Mounting frame with base plate and installation bolts for open-bottom bases Size 6/10/16		Z5.574.0053.0	1
Mounting frame with base plate and installation bolts for open-bottom bases Size 24		Z5.574.0153.0	1

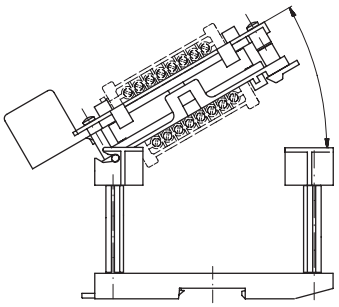
Subject to change without further notice

Dimensions

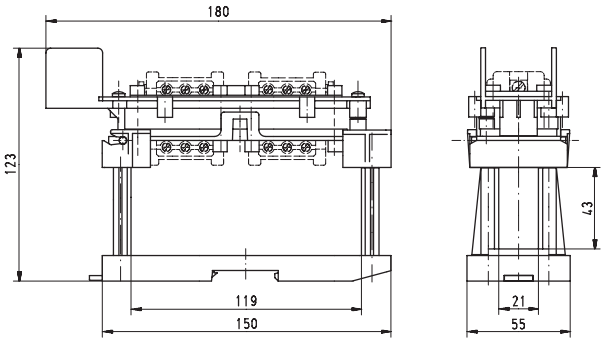
Mountig frame

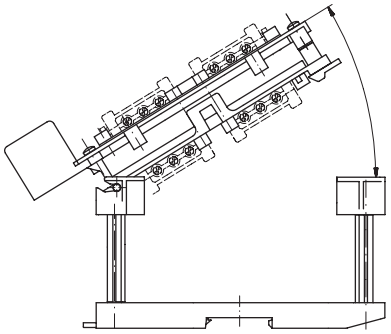
Size 6





Size 2 x 6





revos cover plates

Cover plates

Description	Type	Part No.	P.U.
Cover plates			
Size 6	Cover plate 6	07.416.6853.0	10
Size 10	Cover plate 10	07.416.6953.0	10
Size 16	Cover plate 16	07.416.7053.0	10
Size 24	Cover plate 24	07.416.7153.0	10

Technical data	
Material	Polyamide
Color	RAL 7032
Degree of protection	IP65
Flammability	UL94-V0

revos Cover plates are used to cover the cut-outs in partitions of control cabinets.

Subject to change without further notice

revos reducer plate

Reducer plate

Description	Type	Part No.	P.U.
Reducer plate			
GB 24/GB 6	Reduction plate 24 to 6	07.416.6353.0	10
GB 24/GB 10	Reduction plate 24 to 10	07.416.6453.0	10
GB 24/GB 16	Reduction plate 24 to 16	07.416.6553.0	10

Technical data	
Material	Polyamide
Color	RAL 7032
Degree of protection	IP65
Flammability	UL94-V0

revos reducer plate adapt the cut-outs of size 24 to sizes 6, 10 or 16.

Coding of *revos* multipole connectors

Each family of contact inserts has its unique design. Mismating of the different families' contact inserts is therefore impossible due to the design. However, if several connectors or the same size and family are mounted directly adjacent to one another, mismating may occur during start-up of the machine or system.

In order to avoid mismating we developed coding bolts, coding pins and female coding pieces that are to be assembled instead of the regular mounting screws of the contact inserts. Six different codings can be achieved when coding bolts are used.

Coding bolts of version A
Suitable for the following
contact inserts / multipole adapters:

- ***revos*** BASIC
- ***revos*** POWER
- ***revos*** HD
- ***revos*** FLEX
- ***revos*** Ex

that are mounted to the housing at the **front**.

Suitable for:

- Screw termination inserts with part numbers:
  70.2XX.XXXX.X
  70.3XX.XXXX.X
  70.4XX.XXXX.X
  72.2XX.XXXX.X
  72.3XX.XXXX.X
- Crimp termination inserts with part numbers:
  70.7XX.XXXX.X
  72.7XX.XXXX.X
  73.7XX.XXXX.X
- Spring clamp termination inserts with part numbers:
  70.5XX.XXXX.X
- Terminal block adapter inserts (mountable from the front) with part numbers:
  70.7XX.XXXX.X
  72.7XX.XXXX.X
  73.7XX.XXXX.X

Coding options also exist for combinations of screw and crimp inserts and terminal block adapters.

Coding bolts of version B
Suitable for the following
contact inserts / multipole adapters:

- ***revos*** BASIC
- ***revos*** POWER
- ***revos*** HD

that are mounted to the housing at the **rear**.
These are mainly multipole adapters that are mounted from the inside of the control cabinet.

Suitable for:

- Combination of screw, crimp, spring-type inserts and clamp adapters in connection with terminal block adapters (mountable from the back of the housing) with part numbers:
  70.9XX.XXXX.X
  72.9XX.XXXX.X
  73.1XX.XXXX.X

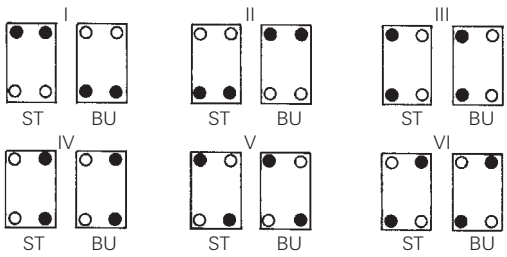
Subject to change without further notice

Six coding options by means of locking pins

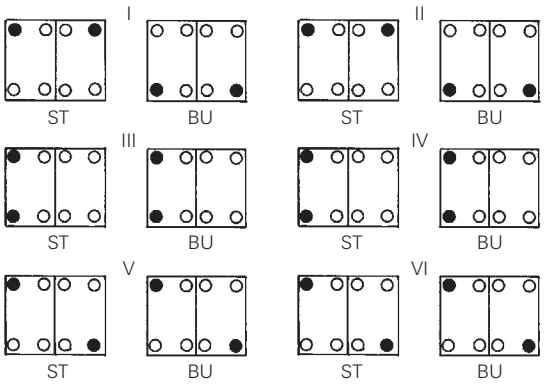
With the use of locking pins, there are a total of six combinations for 3, 6, 10, 16, 24-pin plug connectors

An additional six combinations are possible for the heavy duty connectors with two contact inserts (20, 26, 32 and 48-pin plug connectors).

One contact insert



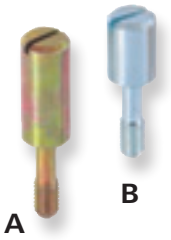
Two contact inserts



- Coding bolt
- Mounting screws

ST Male connector
BU Female connector

Coding bolt



Description	Part No.	P.U.
Coding bolt		
Version A	05.592.0621.0	100
Version B	05.513.4212.0	100

Technical data	
Material	zinc-plated steel
Color	shiny metal

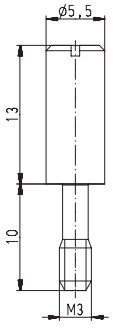
Screwdriver bit

Description	Part No.	P.U.
Screwdriver bit for lock bolt, version A + B		
Yellow marking	06.502.5510.0	1

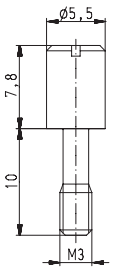
Technical data	
Material	Sleeve from 1.2210 115CrV3 (silver steel)
Sleeve	Hardened

Dimensions

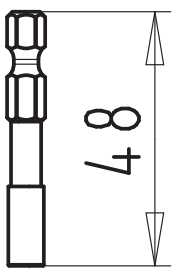
Version A



Version B



Screwdriver bit



Coding options for *revos* multipole connectors

72 coding options by means of coding pin, coding key and coding socket

Part No. for Version A
Suitable for the following contact inserts/ multipole adapters:

revos BASIC, ***revos*** POWER, ***revos*** HD, ***revos*** FLEX, ***revos*** Ex

that are mounted to the housing at the **front**.

Part No. for Version B
Suitable for the following contact inserts/ multipole adapters:

revos BASIC, ***revos*** POWER, ***revos*** HD

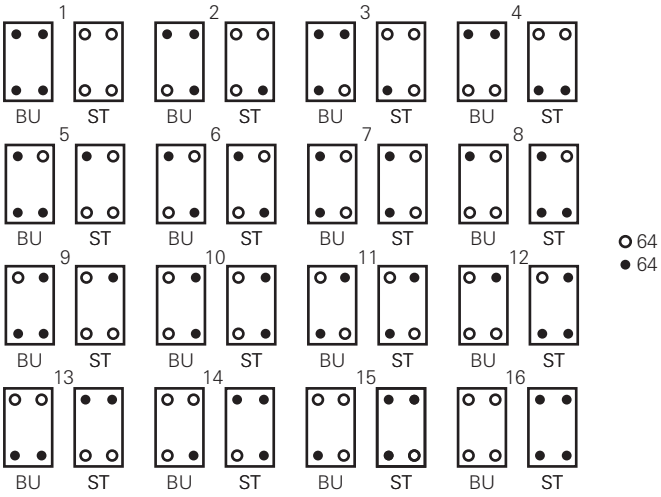
that are mounted to the housing at the **rear**.

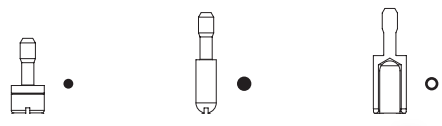
The use of coding pins and female coding pieces enables 16 different coding options.

With an additional coding bolt up to 72 coding options are possible.

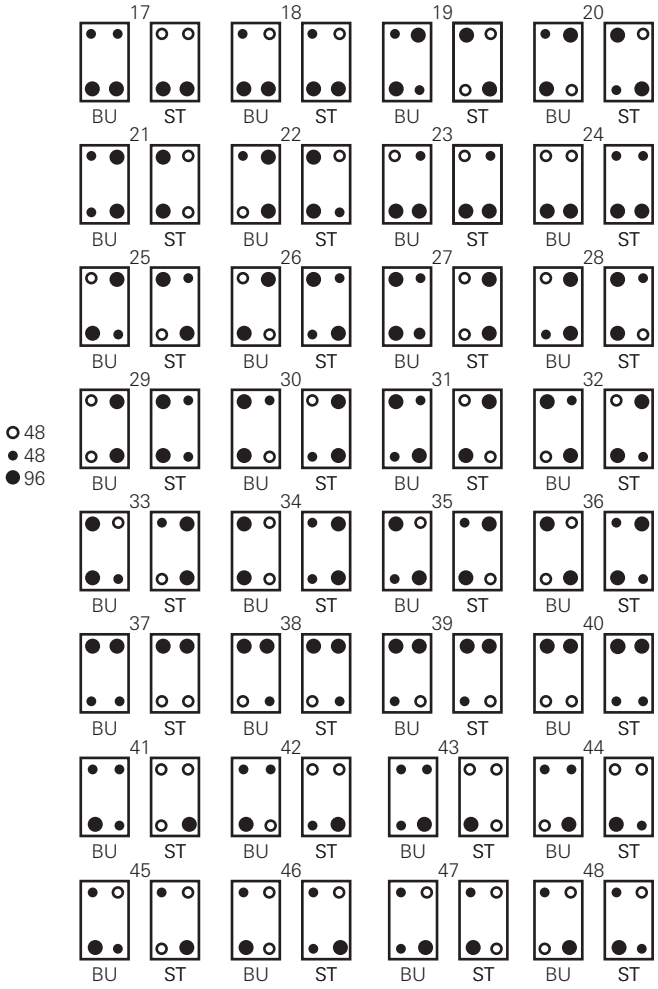
All mounting screws must be replaced by the coding components.

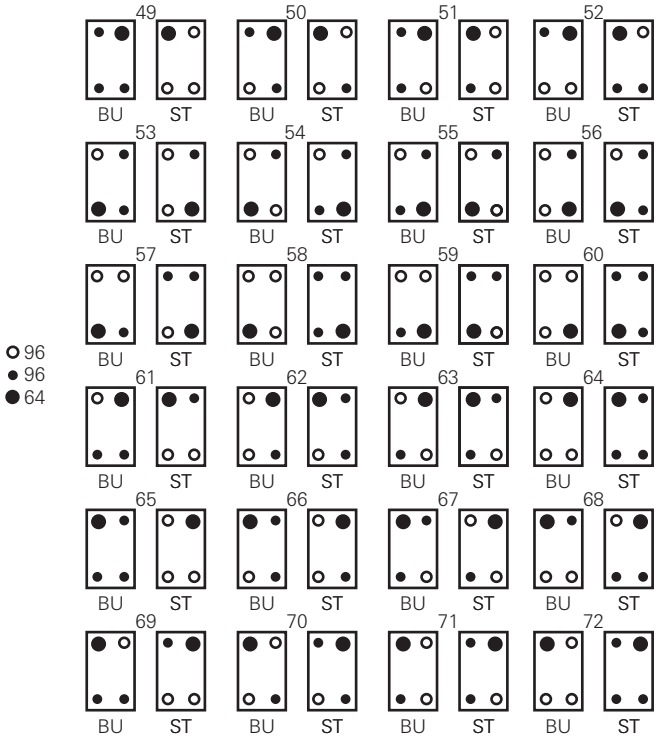
With 15- or 25-pin plug connectors of the series 73.7 … 16 coding options result, because the coding pin cannot be used here.





Coding bolt 05.576.8512 | Coding pin 05.576.8312 | Female coding piece 05.576.8412





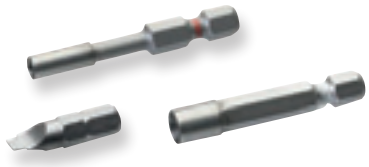
Subject to change without further notice

Coding bolt, Coding pin und Female coding piece

Description		Type	Part No.	P.U.
Version A	Coding bolt		05.576.6912.0	50
	Coding pin		05.576.6612.0	50
	Female coding piece		05.576.6712.0	50
Version B	Coding bolt		05.576.8512.0	50
	Coding pin		05.576.8312.0	50
	Female coding piece		05.576.8412.0	50

Technical data	
Material	zinc-plated steel
Color	shiny metal

Screwdriver bit

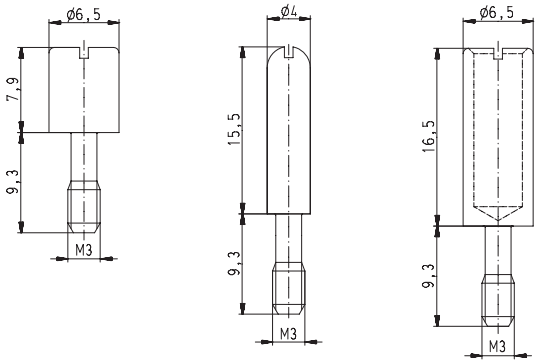


Description	Type	Part No.	P.U.
Screwdriver bit (white marking)	for female coding piece and bolt, version A + B	06.502.5410.0	1
Screwdriver bit (red marking)	for coding pin, version A + B	06.502.5310.0	1
Screwdriver blade	for female coding piece	05.567.5214.0	5

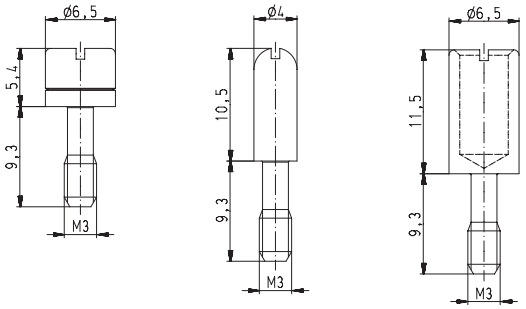
Technical data	
Werkstoff	Sleeve from 1.2210 115CrV3 (silver steel)
Sleeve	Hardened

Dimensions

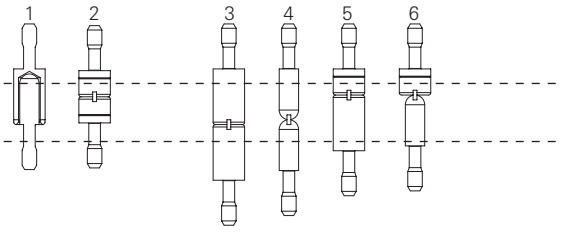
Version A



Version B

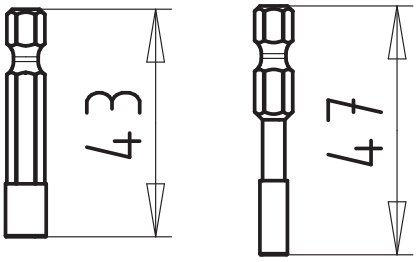


Coding plan:

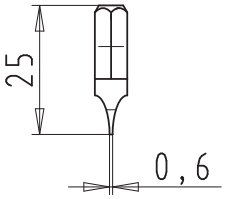


pluggable not pluggable

Screwdriver bit

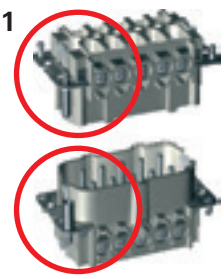


Screwdriver blade



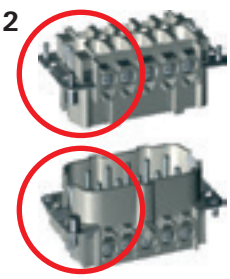
Example:

1



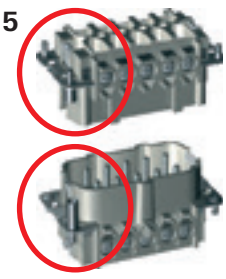
Coding between male and female connector matching

2



Coding between the coding bolts matching

5



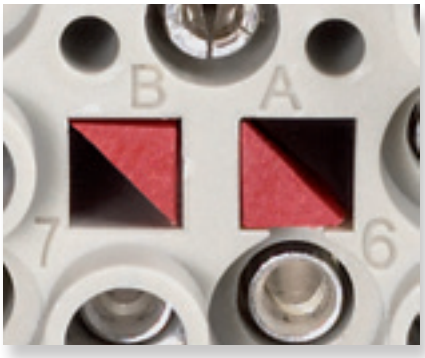
Coding between the female connector and the coding bolt not matching

16 coding options for *revos* MINI 12-pole

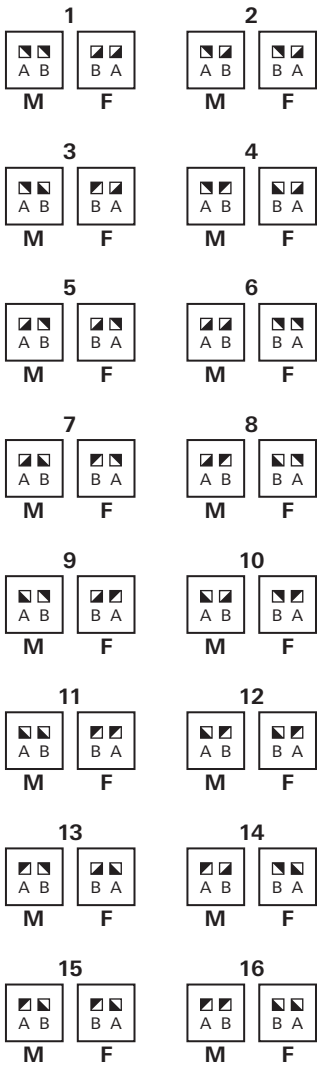
Coding piece

Description	Type	Part No.	P.U.
Coding piece			
	MIN KOD 12	05.568.0353.0	20
Technical data			
Material	Poyamide		
Make-up	4 coding pieces on the web		

If the MIN KOD coding piece is used, there are 16 coding options for the ***revos*** MINI 12-polig.



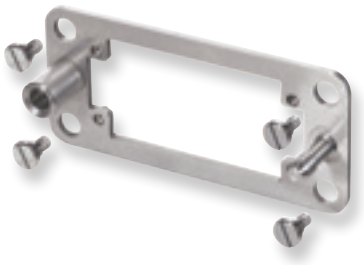
Coding schematic:



Subject to change without further notice

revos Docking frame

Docking frame

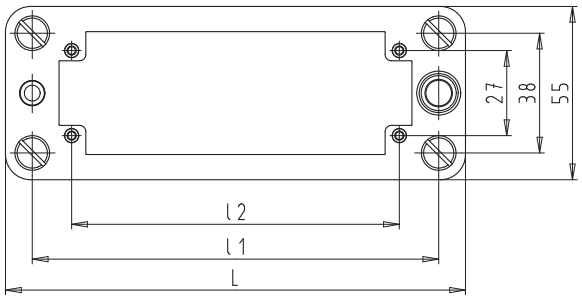


Description	Type	Part No.	P.U.
***revos* docking frame**			
Size 6	ADR 6	Z5.560.1019.0	1
Size 10	ADR 10	Z5.560.1119.0	1
Size 16	ADR 16	Z5.560.1219.0	1
Size 24	ADR 24	Z5.560.1319.0	1

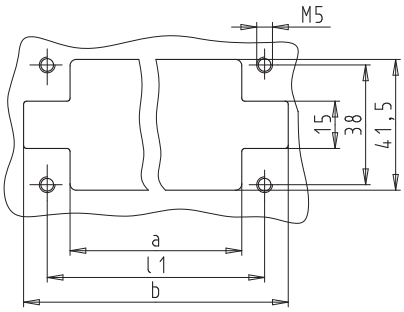
Technical data	
Material	
Docking frame	Stainless steel
Fastening screws	Steel, galvanized
Floating tolerance	
x-axis	±1.5 mm
y-axis	±1.5 mm
Mechanical life	
Mating cycles	500
Scope of supply	
	1 docking frame, including 4 fastening screws M3
System features	
	For use in combination with ***revos*** BASIC, POWER, FLEX and DD contact inserts
	Symmetric design and hence "mutually-pluggable"
	Installation type can alter the air gap and creepage distances, and therefore influence the rated voltage.
	Mounting wall must be earthed due to the floating frame

Dimensions

Dimensional drawing



Size	L [mm]	L1 [mm]	L2 [mm]	a [mm]	b [mm]
6	86	69	44	54.5	84
10	99	82	57	67.5	97
16	119.5	102.5	77.5	88	117.5
24	146	129	104	114.5	144



Metric cable glands

Cable glands IP68, plastic

Description	Type			Part No.	P.U.
Cable glands plastic					
	Cable Ø [mm]	SW [mm]	l [mm]		
M20x1,5	6 – 12	24	9	Z5.507.1353.0	10
M25x1,5	7 – 16	28	11	Z5.507.1553.0	10
M32x1,5	10 – 21	36	11	Z5.507.1753.0	10
M40x1,5	16 – 28	46	11	Z5.507.1953.0	1

Technical data	
Material	Polyamide
Color	RAL 7035
Degree of protection	IP68
Flammability	UL94-V0

Cable glands IP68, metal

Description	Type			Part No.	P.U.
Cable glands metal					
	Cable Ø [mm]	SW [mm]	l [mm]		
M20x1,5	8 – 13	22	6	Z5.507.1321.0	10
M25x1,5	11 – 18	27	7	Z5.507.1521.0	10
M32x1,5	15 – 21	34	8	Z5.507.1721.0	10
M40x1,5	19 – 27	44	8	Z5.507.1921.0	1

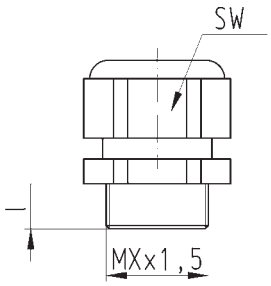
Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	IP68
Flammability	-

Cable glands EMC IP68, metal

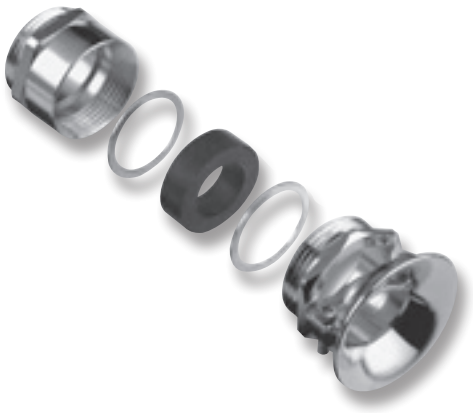
Description	Type			Part No.	P.U.
Cable glands metal					
	Cable Ø [mm]	SW [mm]	l [mm]		
M20x1,5	8 – 13	22	6	Z5.507.4821.0	1
M25x1,5	11 – 18	30	7	Z5.507.5021.0	1
M32x1,5	15 – 21	34	8	Z5.507.5221.0	1

Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	IP68
Flammability	-

Dimensions



Strain relief, IP54



Subject to change without further notice

Metric cable glands

Cable glands, IP54, with strain relief

Description	Type			Part No.	P.U.
Cable glands metal					
	Cable Ø [mm]	SW [mm]	l [mm]		
M20x1.5	8.5 – 14	24	6	Z5.507.5821.0	1
M25x1.5	12 – 20	34	7	Z5.507.6021.0	1
M32x1.5	18 – 28	42	8	Z5.507.6221.0	1
M40x1.5	24 – 34	52	8	on request	

Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	IP54
Flammability	-

Bushing, IP54

Description	Type			Part No.	P.U.
Bushing metal					
	Cable Ø [mm]	SW [mm]	l [mm]		
M16x1.5	2 – 10.5	-	6	Z5.507.2121.0	1
M20x1.5	3 – 14.5	-	6	Z5.507.2221.0	1
M25x1.5	7.5 – 19	-	7	Z5.507.2321.0	1
M32x1.5	15 – 26.5	-	8	Z5.507.2421.0	1

Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	IP54
Flammability	-

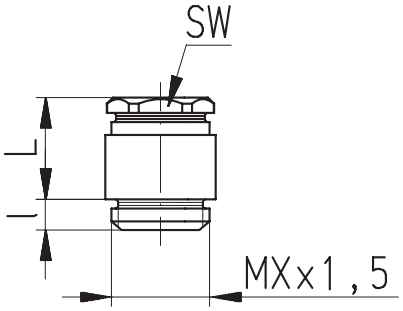
Strain relief, IP54

Description	Type			Part No.	P.U.
Cable glands metal					
	Cable Ø [mm]	SW [mm]	l [mm]		
M16x1.5	6 – 9	18	5	Z5.507.9521.0	10
M20x1.5	9 – 13.5	22	6	Z5.507.9621.0	10
M25x1.5	14 – 20	30	7	Z5.507.9721.0	10
M32x1.5	19 – 29	39	8	Z5.507.9821.0	10

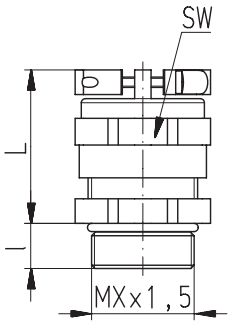
Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	IP54
Flammability	-

Dimensions

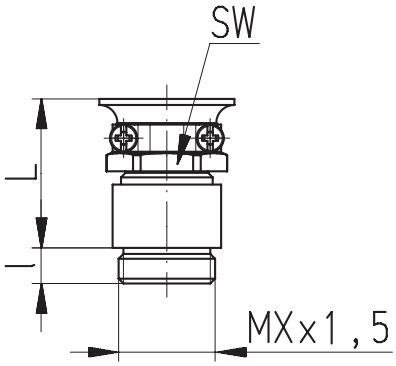
Cable glands, IP54, metal



Cable glands, IP54, with strain relief, metal



Strain relief, IP54, metal



Cable glands, Accessories

Reduction piece, nickel-plated brass

Description	Type			Part No.	P.U.
Reduction piece					
External thread [AG]	Internal thread [IG]	D [mm]	l [mm]		
M20x1.5	M16x1.5	22	6	05.507.9021.0	1
M25x1.5	M20x1.5	27	7	05.507.9121.0	1
M32x1.5	M25x1.5	34	8	05.507.9221.0	1
M40x1.5	M32x1.5	43	8	05.507.9321.0	1

Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	-
Flammability	-

Expansion piece, nickel-plated brass

Description	Type			Part No.	P.U.
Erweiterung					
External thread [AG]	Internal thread [IG]	D [mm]	l [mm]		
M16x1.5	M20x1.5	22	5	05.507.8621.0	1
M20x1.5	M25x1.5	27	6	05.507.8721.0	1
M25x1.5	M32x1.5	34	7	05.507.8821.0	1
M32x1.5	M40x1.5	43	8	05.507.8921.0	1

Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	-
Flammability	-

Adapter for PG-metric conversion

Description	Type			Part No.	P.U.
Adapter PG					
External thread [AG]	Internal thread [IG]	D [mm]	l [mm]		
PG 13.5	M20x1.5	26	6.5	05.507.7621.0	1
PG 16	M20x1.5	24	6.5	05.507.7721.0	1
PG 21	M25x1.5	30	7	05.507.7821.0	1

Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	-
Flammability	-

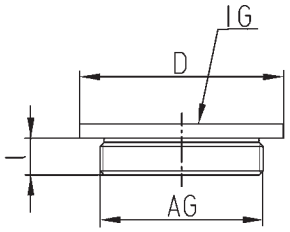
Adapter for metric-PG conversion

Description	Type			Part No.	P.U.
Adapter metrisch					
External thread [AG]	Internal thread [IG]	D [mm]	l [mm]		
M20x1.5	PG 13.5	22	6	05.507.8121.0	1
M20x1.5	PG 16	24	6	05.507.8221.0	1
M25x1.5	PG 21	30	7	05.507.8321.0	1
M32x1.5	PG 29	39	8	05.507.8421.0	1

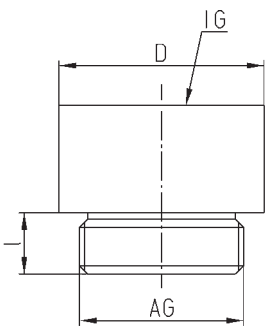
Technical data	
Material	nickel-plated brass
Color	-
Degree of protection	-
Flammability	-

Dimensions

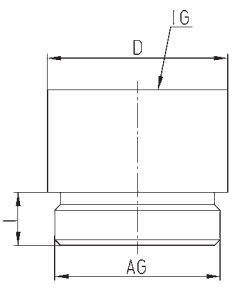
Reduction piece, nickel-plated brass



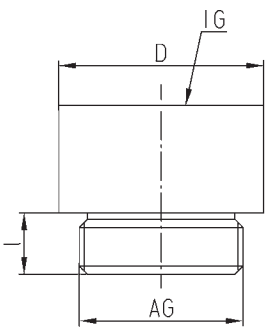
Expansion piece, nickel-plated brass



Adapter for PG-metric conversion



Adapter for metric-PG conversion



Subject to change without further notice

Cable glands, Accessories

Blind piece with gasket, brass

Description	Type			Part No.	P.U.
Blind piece brass					
Thread [AG]	D [mm]	l [mm]			
M20x1.5	22	6.5		05.507.4021.0	1
M25x1.5	28	7		05.507.4121.0	1
M32x1.5	35	8		05.507.4221.0	1
M40x1.5	44	8.5		on request	

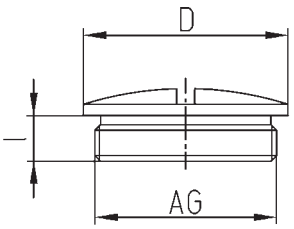
Technical data	
Material	nickel-plated brass
Color	Metalic
Degree of protection	IP68
Flammability	-

Blind piece with gasket, plastic

Description	Type		Part No.	P.U.
Blind piece plastic				
Thread [AG]	D [mm]	l [mm]		
M20x1.5	24	6	05.507.4053.0	1
M25x1.5	30	7	05.507.4153.0	1
M32x1.5	38	8	05.507.4253.0	1
M40x1.5	48	9	05.507.4353.0	1

Technical data	
Material	Polyamide
Color	gray, RAL 7035
Degree of protection	IP68
Flammability	UL94-V0

Dimensions



Protective covers without locking levers for *revos* BASIC Housings

Protective covers without locking levers

Double locking lever Size 10

without gasket with tether cord and loop

Double locking lever Size 16

without gasket with tether cord

Double locking lever Size 10

with gasket

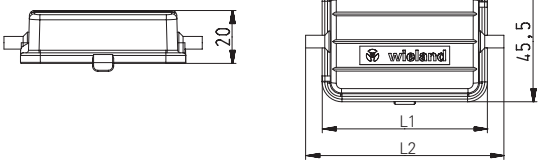
Description	Type	Part No.	P.U.
***revos* protective cover**			
for single locking lever, without gasket			
Size 6	BAS AD DI 06	07.409.7056.0	10
Size 10	BAS AD DI 10	07.428.5553.0	10
Size 16	BAS AD DI 16	07.428.5653.0	10
Size 24	BAS AD DI 24	07.428.5753.0	10
with tether cord + loop			
Size 6	BAS AD DI 06 FSR	Z7.416.1556.0	10
for single locking lever, with gasket			
Size 6	BAS AD DB 06	Z7.427.8053.0	10
with tether cord + loop			
Size 6	BAS AD DJ 06 FSR	Z7.429.0453.0	10
for double locking lever, without gasket			
Size 10	BAS AD DA 10	07.409.7156.0	10
Size 16	BAS AD DA 16	07.409.7256.0	10
Size 24	BAS AD DA 24	07.409.7356.0	10
with tether cord			
Size 10	BAS AD DA 10 FS	Z7.409.8756.0	10
Size 16	BAS AD DA 16 FS	Z7.409.8856.0	10
Size 24	BAS AD DA 24 FS	Z7.409.8956.0	10
with tether cord + loop			
Size 10	BAS AD DA 10 FSR	Z7.416.1656.0	10
Size 16	BAS AD DA 16 FSR	Z7.416.1756.0	10
Size 24	BAS AD DA 24 FSR	Z7.416.1856.0	10
for double locking lever, with gasket			
Size 10	BAS AD DB 10	Z7.427.8153.0	10
Size 16	BAS AD DB 16	Z7.427.8253.0	10
Size 24	BAS AD DB 24	Z7.427.8353.0	10
with tether cord			
Size 10	BAS AD DB 10 FS	Z7.429.0153.0	10
Size 16	BAS AD DB 16 FS	Z7.429.0253.0	10
Size 24	BAS AD DB 24 FS	Z7.429.0353.0	10
with tether cord + loop			
Size 10	BAS AD DB 10 FSR	Z7.429.0553.0	10
Size 16	BAS AD DB 16 FSR	Z7.429.0653.0	10
Size 24	BAS AD DB 24 FSR	Z7.429.0753.0	10

Technical data	
Material/Gasket	Polyamide/NBR
Color	silver gray, RAL 7001
Degree of protection	IP65
Flammability	UL94-V0

Dimensions

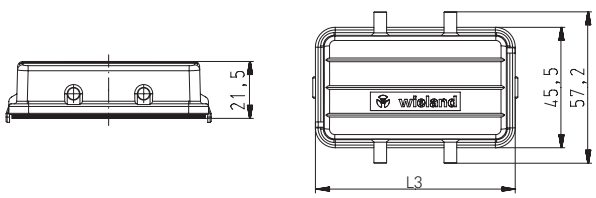
Single locking lever without clamp

Size	L1 [mm]	L2 [mm]
6	62.5	75
10	75.5	90
16	96	110.5
24	122.5	137

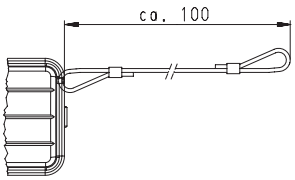


Double locking lever without clamp

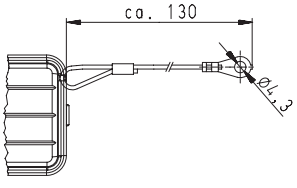
Size	L3 [mm]
10	75.5
16	96
24	122.5



tether cord



tether cord + loop

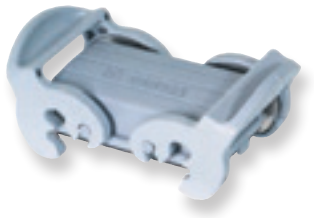


Subject to change without further notice

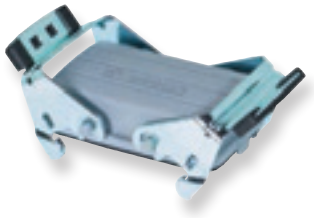
Protective covers with locking levers for *revos* BASIC Housings

Protective covers with locking levers

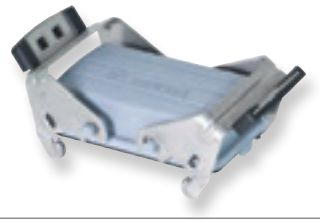
Double locking lever
Size 10
Plastic locking levers, with gasket



Double locking lever
Size 10
steel locking levers, with gasket



Double locking lever
Size 10
stainless steel locking levers, with gasket



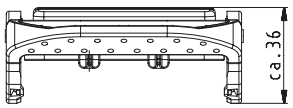
Description	Type	Part No.	P.U.
***revos* protective cover**			
for single locking lever, with gasket			
plastic locking levers			
Size 6	BAS AD DH 06 PA	Z7.428.1153.0	10
Size 10	BAS AD DH 10 PA	Z7.428.5553.0	10
Size 16	BAS AD DH 16 PA	Z7.428.5653.0	10
Size 24	BAS AD DH 24 PA	Z7.428.5753.0	10
steel locking levers			
Size 6	BAS AD DH 06 ST	Z7.428.1110.0	10
stainless steel locking levers			
Size 6	BAS AD DG 06 VA	Z7.428.1119.0	10
for single locking lever, without gasket			
plastic locking levers			
Size 6	BAS AD DG 06 PA	Z7.428.1553.0	10
steel locking levers			
Size 6	BAS AD DG 06 ST	Z7.428.1510.0	10
stainless steel locking levers			
Size 6	BAS AD DG 06 VA	Z7.428.1519.0	10
for double locking lever, with gasket			
plastic locking levers			
Size 10	BAS AD DD 10 PA	Z7.428.1253.0	10
Size 16	BAS AD DD 16 PA	Z7.428.1353.0	10
Size 24	BAS AD DD 24 PA	Z7.428.1453.0	10
steel locking levers			
Size 10	BAS AD DD 10 ST	Z7.428.1210.0	10
Size 16	BAS AD DD 16 ST	Z7.428.1310.0	10
Size 24	BAS AD DD 24 ST	Z7.428.1410.0	10
stainless steel locking levers			
Size 10	BAS AD DD 10 VA	Z7.428.1219.0	10
Size 16	BAS AD DD 16 VA	Z7.428.1319.0	10
Size 24	BAS AD DD 24 VA	Z7.428.1419.0	10
for double locking lever, without gasket			
plastic locking levers			
Size 10	BAS AD DC 10 PA	Z7.428.1653.0	10
Size 16	BAS AD DC 16 PA	Z7.428.1753.0	10
Size 24	BAS AD DC 24 PA	Z7.428.1853.0	10
steel locking levers			
Size 10	BAS AD DC 10 ST	Z7.428.1610.0	10
Size 16	BAS AD DC 16 ST	Z7.428.1710.0	10
Size 24	BAS AD DC 24 ST	Z7.428.1810.0	10
stainless steel locking levers			
Size 10	BAS AD DC 10 VA	Z7.428.1619.0	10
Size 16	BAS AD DC 16 VA	Z7.428.1719.0	10
Size 24	BAS AD DC 24 VA	Z7.428.1819.0	10

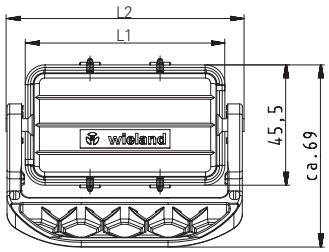
Technical data	
Material/Gasket	Polyamide/NBR
Color	silver gray, RAL 7001
Degree of protection	IP65
Flammability	UL94-V0

Dimensions

Single locking lever with clamp, plastic

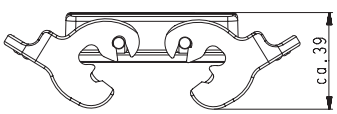
Size	L1 [mm]	L2 [mm]
6	62.5	75
10	75.5	90
16	96	110.5
24	122.5	137

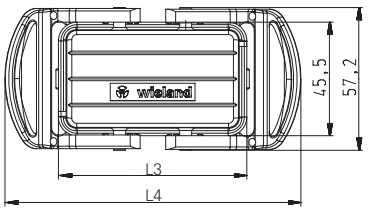




Double locking lever with clamp, plastic

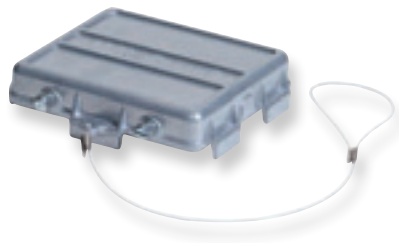
Size	L3 [mm]	L4 [mm]
10	75.5	119
16	96	140
24	122.5	166





Protective cover for *revos* BASIC Housings Size 32

Protective covers without locking levers, without gasket



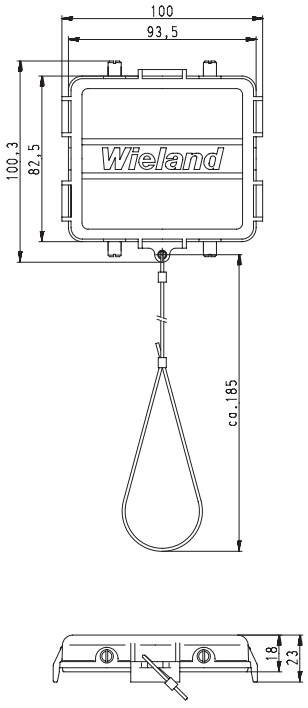
Protective covers with locking levers, with gasket

Description	Type	Part No.	P.U.
revos **protective cover with tether cord + loop**			
without locking levers, without gasket			
Size 32	BAS AD DA 32 FS ST	Z7.419.6228.0	10
with locking levers, with gasket			
Size 32	BAS AD DD 32 FS ST	Z7.419.6128.0	10

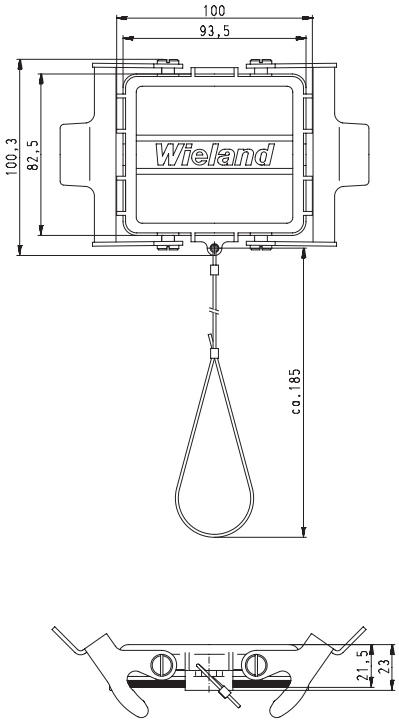
Technical data	
Material	Die cast aluminum
Surface	Silicon-free
Locking levers	Zinc-plated steel
Gasket	NBR
Degree of protection	IP65

Dimensions

Protective covers without locking levers



Protective cover with locking levers



Subject to change without further notice

Protective cover for *revos* BASIC Housings Size 6–24

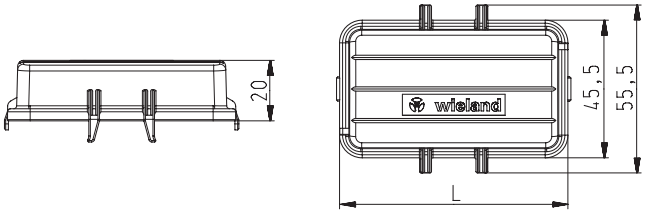
Protective cover latchable

Description	Type	Part No.	P.U.
Protective cover rastbar			
Size 6/6H	BAS AD DK 06	Z7.409.7056.0	10
Size 10/10H	BAS AD DL 10	Z7.409.7156.0	10
Size 16/16H	BAS AD DL 16	Z7.409.7256.0	10
Size 24/24H	BAS AD DL 24	Z7.409.7356.0	10

Technical data	
Material	Polyamide
Color	RAL 7001
Degree of protection	-
Flammability	-

Dimensions

Protective cover latchable



Protective cover for *revos* MINI Housings

Protective cover without gasket

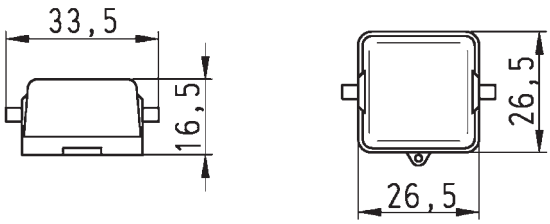
Protective cover with gasket (on the inside)

Description	Type	Part No.	P.U.
Protective cover for *revos* MINI Housings			
without gasket for male insert			
plastic	MIN AD DA 7 P	07.417.6753.0	10
Metal	MIN AD DA 7 Z	07.417.6729.0	10
with gasket for female insert			
plastic	MIN AD DB 7 P	07.417.6853.0	10
Metal	MIN AD DB 7 Z	07.417.6829.0	10

Technical data	
Material	Die cast zinc alloy/Polyamide
Surface	Silicon-free
Locking levers	-
Gasket	NBR
Degree of protection	IP65

Dimensions

Protective cover



Tools and Accessoires

Crimping tool kit

Description	Type	Part No.	P.U.
Crimping tool for *revos* contacts			
Crimping tool without crimping die and positioner		95.101.0800.0	1
Accessoires for crimping tool see page 284.			

For assignment of contacts to crimping tool see page 295.

Stripping tool

Description	Type	Part No.	P.U.
Tool			
Stripping tool	0.08 – 10mm²/ 28 – 7 AWG	95.350.0100.0	1

Screwdriver

Description	Type	Part No.	P.U.
Tool			
Screwdriver	Blade 0.6x3.5 form “B”	06.502.4000.0	5

For use with contact inserts and multipole adapters with spring clamp connection

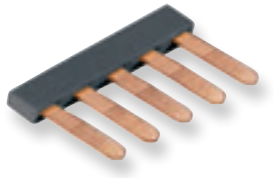
Axial screwdriver

Description	Type	Part No.	P.U.
Tool			
Axial screwdriver	POW AXIALSHR ISK SW2	05.502.4500.0	5

Extraction tool

Description	Type	Part No.	P.U.
Tool			
Extraction tool	HD	05.502.0000.0	1
Extraction tool	500/690V-SER.	05.502.3500.0	1
Extraction tool		05.502.4400.0	1

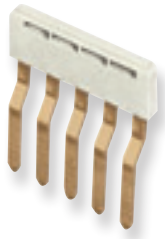
Jumper bar for *revos* BASIC multipole adapters



Description	Type	Part No.	P.U.
Insulated jumper bar for *revos* BASIC multipole adapters			
Number of poles			
2-pole		Z7.256.0227.0	10
3-pole		Z7.256.0327.0	10
4-pole		Z7.256.0427.0	10
5-pole		Z7.256.0527.0	10
6-pole		Z7.256.0627.0	10
7-pole		Z7.256.0727.0	10
8-pole		Z7.256.0827.0	10
9-pole		Z7.256.0927.0	10
10-pole		Z7.256.1027.0	10
11-pole		Z7.256.1127.0	10
12-pole		Z7.256.1227.0	10

Technical data	
Material	Polyamide
Rated voltage	500 V
Rated current	16 A

Jumper bar for *revos* HD multipole adapters



Description	Type	Part No.	P.U.
Insulated jumper bar for *revos* HD multipole adapters			
Number of poles			
2-pole		Z7.258.1225.0	10
3-pole		Z7.258.1325.0	10
4-pole		Z7.258.1425.0	10
5-pole		Z7.258.1525.0	10
6-pole		Z7.258.1625.0	10
7-pole		Z7.258.1725.0	10
8-pole		Z7.258.1825.0	10
9-pole		Z7.258.1925.0	10
10-pole		Z7.258.2025.0	10

Technical data	
Material	Polyamide
Rated voltage	250 V
Rated current	10 A

Subject to change without further notice

Marking tag carriers

Marking tag carriers for multipole adapters

Description		Type	Part No.	P.U.
Marking tag carriers, complete				
40-pole			Z4.242.3753.0	10
64-pole			Z4.242.4053.0	10
Marking tags				
Single tag, max. 3-digits				
unmarked	marking field 8.3x4.5 mm	9705 A	04.242.0850.0	500
marked	marking field 8.3x4.5 mm	9705 A B	04.842.0850.0	500
Single tag, max. 8-digits				
unmarked	marking field 14x4.5 mm	9705 AL	04.242.1553.0	500
marked	marking field 14x4.5 mm	9705 AL B	04.842.1553.0	500
Marking strip with 12 tags, 6.7 mm spacing				
unmarked	marking field 8.3x6.45 mm	9705A/6,7/12	04.242.6753.0	25
marked	Please indicate the required	9705A/6,7/12 B	04.842.6753.0	25
marked	1 – 9	9705A/6,7/12 B 1- 9	99.000.0920.8	25
Marking strip with 12 tags, 6.7 mm spacing				
6-pole	marked 1 – 6	9705A/6,7/2X 6 B 1- 6	99.002.0920.8	25
10-pole	marked 1 – 10	9705A/6,7/12 B 1-10	99.003.0920.8	25
16-pole	marked 1 – 16	9705A/6,7/2X12 B 1-16	99.004.0920.8	25
24-pole	marked 1 – 24	9705A/6,7/2X12 B 1-24	99.005.0920.8	25

45° Marking tag carrier

Description		Type	Part No.	P.U.
Marking tag carriers				
2x4-digits, 45°		9705 A/4 W	04.242.2853.0	200
Marking tags				
Single tag, max. 3-digits				
unmarked	marking field 8.3x4.5 mm	9705 A	04.242.0850.0	500
marked	marking field 8.3x4.5 mm	9705 A B	04.842.0850.0	500
Single tag, max. 8-digits				
unmarked	marking field 14x4.5 mm	9705 AL	04.242.1553.0	500
marked	marking field 14x4.5 mm	9705 AL B	04.842.1553.0	500
Marking strip with 12 tags, 6.7 mm spacing				
unmarked	marking field 8.3x6.45 mm	9705A/6,7/12	04.242.6753.0	25
marked	Please indicate the required	9705A/6,7/12 B	04.842.6753.0	25
marked	1 – 9	9705A/6,7/12 B 1- 9	99.000.0920.8	25
Marking strip with 12 tags, 6.7 mm spacing				
6-pole	marked 1 – 6	9705A/6,7/2X 6 B 1- 6	99.002.0920.8	25
10-pole	marked 1 – 10	9705A/6,7/12 B 1-10	99.003.0920.8	25
16-pole	marked 1 – 16	9705A/6,7/2X12 B 1-16	99.004.0920.8	25
24-pole	marked 1 – 24	9705A/6,7/2X12 B 1-24	99.005.0920.8	25

90° Marking tag carrier

Description		Type	Part No.	P.U.
Marking tag carriers				
6-digits, 90°		9705 A/6,7/6-90GRAD	04.242.3053.0	200
complete for				
6-pole multipole adapters		9705 A/6,7/9-90GRAD 3	04.242.3353.0	50
10-pole multipole adapters		9705 A/6,7/6-90GRAD 5	04.242.3453.0	50
16-pole multipole adapters		9705 A/6,7/6-90GRAD 8	04.242.3553.0	25
24-pole multipole adapters		9705 A/6,7/6-90GRAD12	04.242.3653.0	25
Marking tags				
Single tag, max. 3-digits				
unmarked	marking field 8.3x4.5 mm	9705 A	04.242.0850.0	500
marked	marking field 8.3x4.5 mm	9705 A B	04.842.0850.0	500
Single tag, max. 8-digits				
unmarked	marking field 14x4.5 mm	9705 AL	04.242.1553.0	500
marked	marking field 14x4.5 mm	9705 AL B	04.842.1553.0	500
Marking strip with 12 tags, 6.7 mm spacing				
unmarked	marking field 8.3x6.45 mm	9705A/6,7/12	04.242.6753.0	25
marked	Please indicate the required	9705A/6,7/12 B	04.842.6753.0	25

Marking tags

Tear-off marking strip

Description	Contents	Type	Part No.	P.U.
Marking tags-Ast unmarked		9704 A	04.241.1150.0	25
marked with the same number				
	10x “1“	9704 A/1 B	04.841.1150.0	25
	10x “2“	9704 A/2 B	04.841.1250.0	25
	10x “3“	9704 A/3 B	04.841.1350.0	25
	10x “4“	9704 A/4 B	04.841.1450.0	25
	10x “5“	9704 A/5 B	04.841.1550.0	25
	10x “6“	9704 A/6 B	04.841.1650.0	25
	10x “7“	9704 A/7 B	04.841.1750.0	25
	10x “8“	9704 A/8 B	04.841.1850.0	25
	10x “9“	9704 A/9 B	04.841.1950.0	25
	10x “0“	9704 A/0 B	04.841.2050.0	25
marked with consecutive numbers	1 2 3 4 5 6 7 8 9 0	9704 A/1-0 B	04.841.2150.0	25
marked with the same uppercase letters				
	10x “A“	9704 A/AG B	04.841.2250.0	25
	10x “B“	9704 A/BG B	04.841.2350.0	25
	10x “C“	9704 A/CG B	04.841.2450.0	25
	10x “D“	9704 A/DG B	04.841.2550.0	25
	10x “E“	9704 A/EG B	04.841.2650.0	25
	10x “F“	9704 A/FG B	04.841.2750.0	25
	10x “G“	9704 A/GG B	04.841.2850.0	25
	10x “H“	9704 A/HG B	04.841.2950.0	25
	10x “I“	9704 A/IG B	04.841.3050.0	25
	10x “J“	9704 A/JG B	04.841.3150.0	25
	10x “K“	9704 A/KG B	04.841.3250.0	25
	10x “L“	9704 A/LG B	04.841.3350.0	25
	10x “M“	9704 A/MG B	04.841.3450.0	25
	10x “N“	9704 A/NG B	04.841.3550.0	25
	10x “O“	9704 A/OG B	04.841.3650.0	25
	10x “P“	9704 A/PG B	04.841.3750.0	25
	10x “Q“	9704 A/QG B	04.841.3850.0	25
	10x “R“	9704 A/RG B	04.841.3950.0	25
	10x “S“	9704 A/SG B	04.841.4050.0	25
	10x “T“	9704 A/TG B	04.841.4150.0	25
	10x “U“	9704 A/UG B	04.841.4250.0	25
	10x “V“	9704 A/VG B	04.841.4350.0	25
	10x “W“	9704 A/WG B	04.841.4450.0	25
	10x “X“	9704 A/XG B	04.841.4550.0	25
	10x “Y“	9704 A/YG B	04.841.4650.0	25
	10x “Z“	9704 A/ZG B	04.841.4750.0	25

Subject to change without further notice

Marking tags

Tear-off marking strip

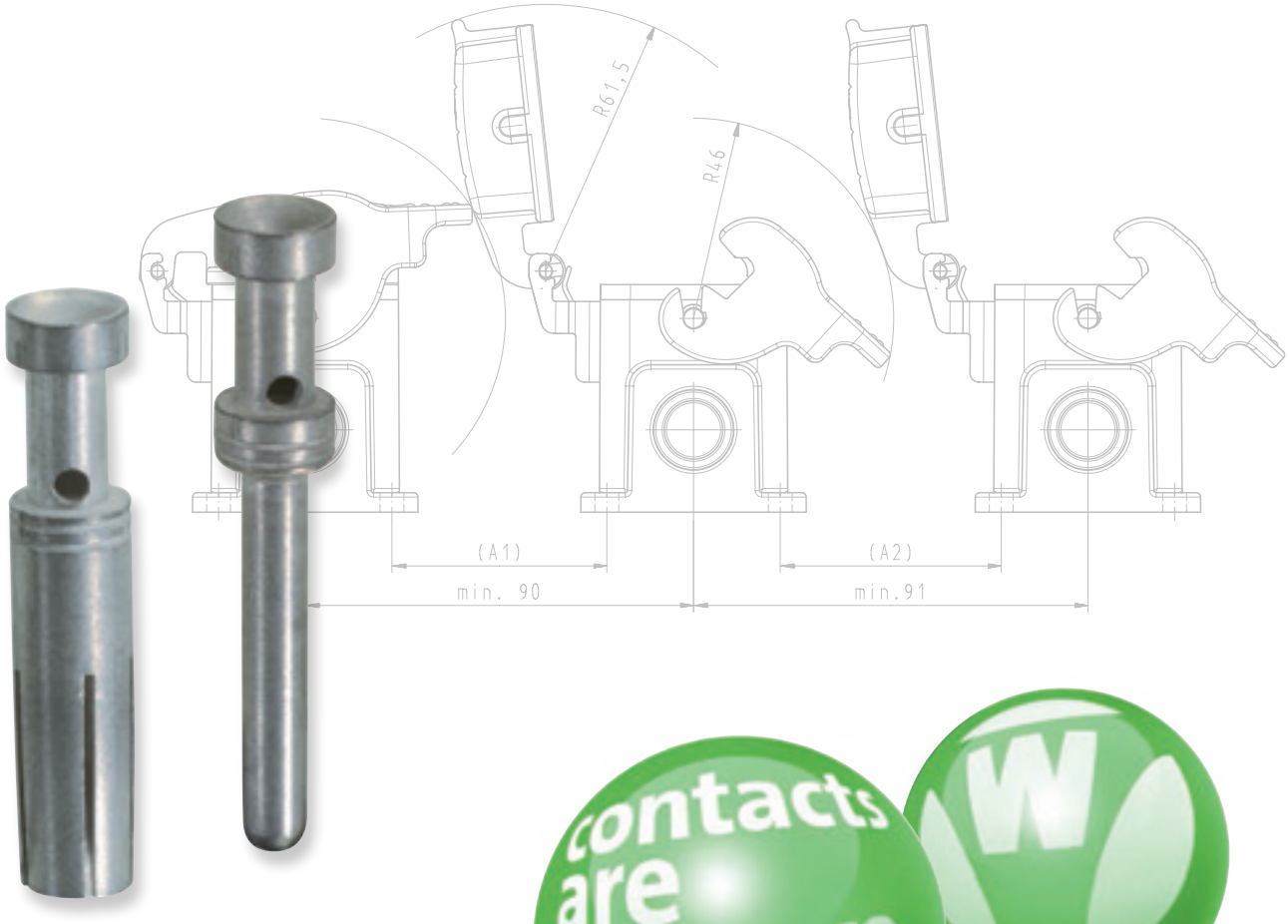
Description	Contents	Type	Part No.	P.U.
marked with the same lowercase letters				
	10x “a“	9704 A/AK B	04.841.4850.0	25
	10x “b“	9704 A/BK B	04.841.4950.0	25
	10x “c“	9704 A/CK B	04.841.5050.0	25
	10x “d“	9704 A/DK B	04.841.5150.0	25
	10x “e“	9704 A/EK B	04.841.5250.0	25
	10x “f“	9704 A/FK B	04.841.5350.0	25
	10x “g“	9704 A/GK B	04.841.5450.0	25
	10x “h“	9704 A/HK B	04.841.5550.0	25
	10x “i“	9704 A/IK B	04.841.5650.0	25
	10x “j“	9704 A/JK B	04.841.5750.0	25
	10x “k“	9704 A/KK B	04.841.5850.0	25
	10x “l“	9704 A/LK B	04.841.5950.0	25
	10x “m“	9704 A/MK B	04.841.6050.0	25
	10x “n“	9704 A/NK B	04.841.6150.0	25
	10x “o“	9704 A/OK B	04.841.6250.0	25
	10x “P“	9704 A/PK B	04.841.6350.0	25
	10x “q“	9704 A/QK B	04.841.6450.0	25
	10x “r“	9704 A/RK B	04.841.6550.0	25
	10x “s“	9704 A/SK B	04.841.6650.0	25
	10x “t“	9704 A/TK B	04.841.6750.0	25
	10x “u“	9704 A/UK B	04.841.6850.0	25
	10x “v“	9704 A/VK B	04.841.6950.0	25
	10x “w“	9704 A/WK B	04.841.7050.0	25
	10x “x“	9704 A/XK B	04.841.7150.0	25
	10x “y“	9704 A/YK B	04.841.7250.0	25
	10x “z“	9704 A/ZK B	04.841.7350.0	25
marked with the same symbols				
	10x “+“	9704 A/+ B	04.841.7450.0	25
	10x “-“	9704 A/- B	04.841.7550.0	25
	10x “/“	9704 A// B	04.841.7650.0	25
	10x “.“	9704 A/. B	04.841.7750.0	25
Large packs				
Same numbers = 10 x 25 strips = 2500 tags	1 1 1 ... 0 0 0	111..BIS 000..	04.841.9050.0	1
Uppercase letters = 26 x 25 strips = 6500 tags	A A A ... Z Z Z	A BIS Z GB	04.841.9150.0	1
Lowercase letters = 26 x 25 strips = 6500 tags	a a a ... z z z	A BIS Z KB	04.841.9250.0	1

revos facts&DATA

On the following pages, you will find all important information on our **revos** products.

But our Wieland customer service team is also happy to help you, at telephone number +49 951 9324-991.

We look forward to hearing from you.



Conductor connections

Rated connection capacity and suitable conductor

Table 1: (EN 60 999-1: 2000): Relationship between rated connection capacity and diameter of the conductor

Rated connection capacity	Theoretical diameter of the largest conductor							Connectable conductor	
	Metric				AWG				
	Rigid		Flexible		Rigid		Flexible	Rigid	Flexible
	Solid	Multistrand			Solid	Multistrand	Multistrand		
mm^2	mm	mm	mm	Conductor size	mm	mm	mm		
0.2	0.51	0.53	0.61	24	0.54	0.61	0.64		
0.34	0.63	0.66	0.8	22	0.68	0.71	0.80		
0.5	0.9	1.1	1.1	20	0.85	0.97	1.02		
0.75	1.0	1.2	1.3	18	1.07	1.23	1.28		
1.0	1.2	1.4	1.5	-	-	-	-	Must be set in the relevant product standard	
1.5	1.5	1.7	1.8	16	1.35	1.55	1.60		
2.5	1.9	2.2	2.3 [a]	14	1.71	1.95	2.08		
4.0	2.4	2.7	2.9 [a]	12	2.15	2.45	2.70		
6.0	2.9	3.3	3.9 [a]	10	2.72	3.09	3.36		
10.0	3.7	4.2	5.1	8	3.34	3.89	4.32		
16.0	4.6	5.3	6.3	6	4.32	4.91	5.73		
25.0	-	6.6	7.8	4	5.45	6.18	7.26		
35	-	7.9	9.2	2	6.87	7.78	9.02		
					[b]	[b] / Class B	[c] / Class I, K, M		

Note: The diameters of the largest rigid and flexible conductors are based on Table 1 in accordance with IEC 60 228A and IEC 30 344 and for AWG conductors on ASTM B 172-71 [4], ICEA Publication S-19-81 [5], ICEA Publication S-66-524 [6], and ICEA Publication S-66-516 [7]

[a] Dimensions only for flexible cables of class 5 in accordance with IEC 60 228A.
[b] Nominal diameter + 5%
[c] Largest diameter for each of the three classes I, K, M, + 5%

Theoretical diameter of the largest conductor and relationship between rated cross section and connectable conductors

Table 2: (EN 60 999-2: 2003): Relationship between rated cross section and diameter of the conductors

Rated cross section	Theoretical diameter of the largest conductor		Connectable conductor	
	Metric			
	Rigid	Flexible [a]	Rigid	Flexible
	Multistrand			
mm^2	mm	mm		
50	9.1	11.0		
70	11.0	13.1		
95	12.9	15.1		
-	-	-	Must be set in the relevant product standard	
120	14.5	17.0		
150	16.2	19.0		
185	18.0	21.0		
-	-	-		
240	20.6	24.0		
300	23.1	27.0		

Note: The diameters of the largest rigid and flexible conductors are based on Table 1 and Table 3 of IEC 60 228A.

[a] Dimensions only for flexible conductors of class 5 in accordance with IEC 60 228A.

Subject to change without further notice

Conductor connections

Standard cross sections of round copper conductors AWG/metric

Metric size ISO	Comparison between AWG/kcmil and metric sizes		
mm²	AWG	kcmil	mm²
0.1 *	28		0.081
0.14 *	26		0.128
0.2	24		0.205
-	22		0.324
0.5	20		0.519
0.75	18		0.82
1	-		-
1.5	16		1.3
2.5	14		2.1
4	12		3.3
6	10		5.3
10	8		8.4

Metric size ISO	Comparison between AWG/kcmil and metric sizes		
mm²	AWG	kcmil	mm²
16	6		13.3
25	4		21.2
.5	2		33.6
50	(1/0) 0		53.5
70	(2/0) 00		67.4
95	(3/0) 000		85
-	(4/0) 0000		107.2
120		250	127
150		300	152
185		350	177
240		500	253
300		600	304

* not standardized

Composition and dimensions of single, multi, fine and extra-fine-wire conductors made of copper

Extract from DIN VDE 0295 (06.92)

Nominal cross section	Solid		Multistrand		Fine strand	
	Maximum dimension diameter	Number of wires	Maximum dimension diameter	Number of wires	Maximum dimension diameter	Reference number of wires
mm²		mm	-	mm		
0.5	0.9	1	-	-	1.1	16
0.75	1.0	1	-	-	1.3	24
1	1.2	1	-	-	1.5	32
1.5	1.5	1	-	-	1.8	30
2.5	1.9	1	-	-	2.3	50
4	2.4	1	-	-	2.9	56
6	2.9	1	-	-	3.9	84
10	3.7	1	4.2	7	5.1	80
16	4.6	1	5.3	7	6.3	126
25	-	-	6.6	7	7.8	196
35	-	-	7.9	7	9.2	276
50	-	-	9.1	19	11	396
70	-	-	11	19	13.1	360
95	-	-	12.9	19	15.1	475
120	-	-	14.5	37	17	608
150	-	-	16.2	37	19	756
185	-	-	18	37	21	925
240	-	-	20.6	61	24	1224

Current load capacity of cables or lines

Recommended values for current load capacity of cables or lines for fixed installation and open-air installation should be taken from DIN VDE 0298 Part4/08.2003

Current load capacity

Current load capacity of terminal blocks / industrial connectors
(for terminal blocks) For copper conductors, the following tables apply:
Test current in accordance with DIN EN 60 947-7-1/VDE 0611 Part 01:2010

Table 4: Value of the test current for heating, aging and voltage drop test for metric conductor sizes

Rated cross section mm²	0.2	0.34	0.5	0.75	1	1.5	2.5	4	6	10	16
Test current A	4	5	6	9	13.5	17.5	24	32	41	57	76

Rated cross section mm²	25	35	50	70	95	120	150	185	240	300
Test current A	101	125	150	192	232	269	309	353	415	520

The rated cross section of a terminal block is the manufacturer-specified value of the connectable conductor cross section to which specific thermal, mechanical and electrical requirements refer.

The rated connection capacity of a terminal block is a range and/or number of rated cross sections that the terminal block is intended for; it is specified individually for each terminal. The conductors can be rigid (solid or multistranded) or flexible. The specifications refer to unprepared conductor ends without ferrules and comprise the largest and smallest connectable conductor cross section. In general, two conductors of the same cross section and structure can be connected.

For terminal blocks with additional function, the rated current is established by the manufacturer according to the requirements of the additional function. Additional functions can be given by plug connections, disconnection points, fuses, relays or electronic components. The current load capacity of other terminals is established and evaluated based on the above determinations or in accordance with EN 60 999/VDE 0609 Part 1 or EN 60 998-1/VDE 0613 Part 1 or EN 60 335-1/DIN VDE 0700 Part 1, if applicable.

The current load capacity for plug connectors is determined and established based on DIN EN 61 984/VDE 0627: 2009 and DIN EN 175 301-801: 2007, if applicable.

During proper use, the contact inserts of the ***revos*** series must not be inserted or removed under load or when live.
The contact inserts of the ***revos*** series are type-tested according to UL 1977 and C22.2 NO 182.1 and must not be inserted or removed when under load.

Subject to change without further notice

Tightening torque

Tightening torque of screw connections

Extract from EN 60 947-1

Tightening torque for proving the mechanical tightness of screw connections

Table 4: Tightening torques for proving the mechanical tightness of screw connections/terminals

Thread diameter		Tightening torque (Nm)		
Metric standard values	Diameter range	I	II	III
1.6	1.6	0.05	0.1	0.1
2.0	1.6 to 2.0	0.1	0.2	0.2
2.5	2.0 to 2.8	0.2	0.4	0.4
3.0	2.8 to 3.0	0.25	0.5	0.5
-	3.0 to 3.2	0.3	0.6	0.6
3.5	3.2 to 3.6	0.4	0.8	0.8
4	3.6 to 4.1	0.7	1.2	1.2
4.5	4.1 to 4.7	0.8	1.8	1.8
5	4.7 to 5.3	0.8	2.0	2.0
6	5.3 to 6.0	1.2	2.5	3.0
8	6.0 to 8.0	2.5	3.5	6.0
10	8.0 to 10.0	-	4.0	10.0
12	10 to 12	-	-	14.0
14	12 to 15	-	-	19.0
16	15 to 20	-	-	25.0
20	20 to 24	-	-	36.0
24	24	-	-	50.0

Column I: Applies for screws without heads that do not protrude from the thread hole and for screws that can only be tightened with screwdrivers with an edge narrower than the screw's thread core diameter.

Column II: Applies for nuts and screws that are tightened with screwdrivers.

Column III: Applies for nuts and screws that can be tightened with tools other than screwdrivers.

Explanations of applications in hazardous areas

revos Ⓔx-multipole connectors are designed for special applications in hazardous areas. Their use in zone 0 for intrinsic circuits has been approved by the DEKRA EXAM test institute. The housings for the multipole connectors are manufactured from die cast zinc alloy.

Operating instructions for the connector series „revos Ex…“

A pluggable connection consists of a hood, a base as well as a female and male insert.

Installation of a pluggable connection must be prepared as follows:

– Closed bottom housings must be fixed with screws to a flat surface using the available bore holes.
– Open-bottom housings must be fixed with screws to a flat surface using the available bore holes. Before fixing the housing to the surface, ensure that the seal fixed to the base at the time of delivery is mounted correctly.
– The female insert and male insert must be screwed into the hood (or alternatively screwed into the base) using the screws already attached to the frame of the male or female connector.
– The cables are connected to the male connectors and female connectors using the screw connection with a torque of 0.5 Nm.

The components are made ready for operation by plugging the hood and base together and latching them.

The relevant connectors must be mounted to device in a way that at least protection degree IP 54 according to EN 60529 is ensured.

The „revos Ex“ connectors are designed for use in an ambient temperature range at installation site of –20°C bis +60°C.

Usage note:
The “revos Ex” plug connector series can be used with a rated voltage of 90 V and a permissible cable cross-section of 0.5 mm2 to 2.5 mm^2 for the following application areas according to ATEX directive 94/9/EC and the EN 60079-0:2006, EN 60079-11:2007 and EN 50303:2000 standards:

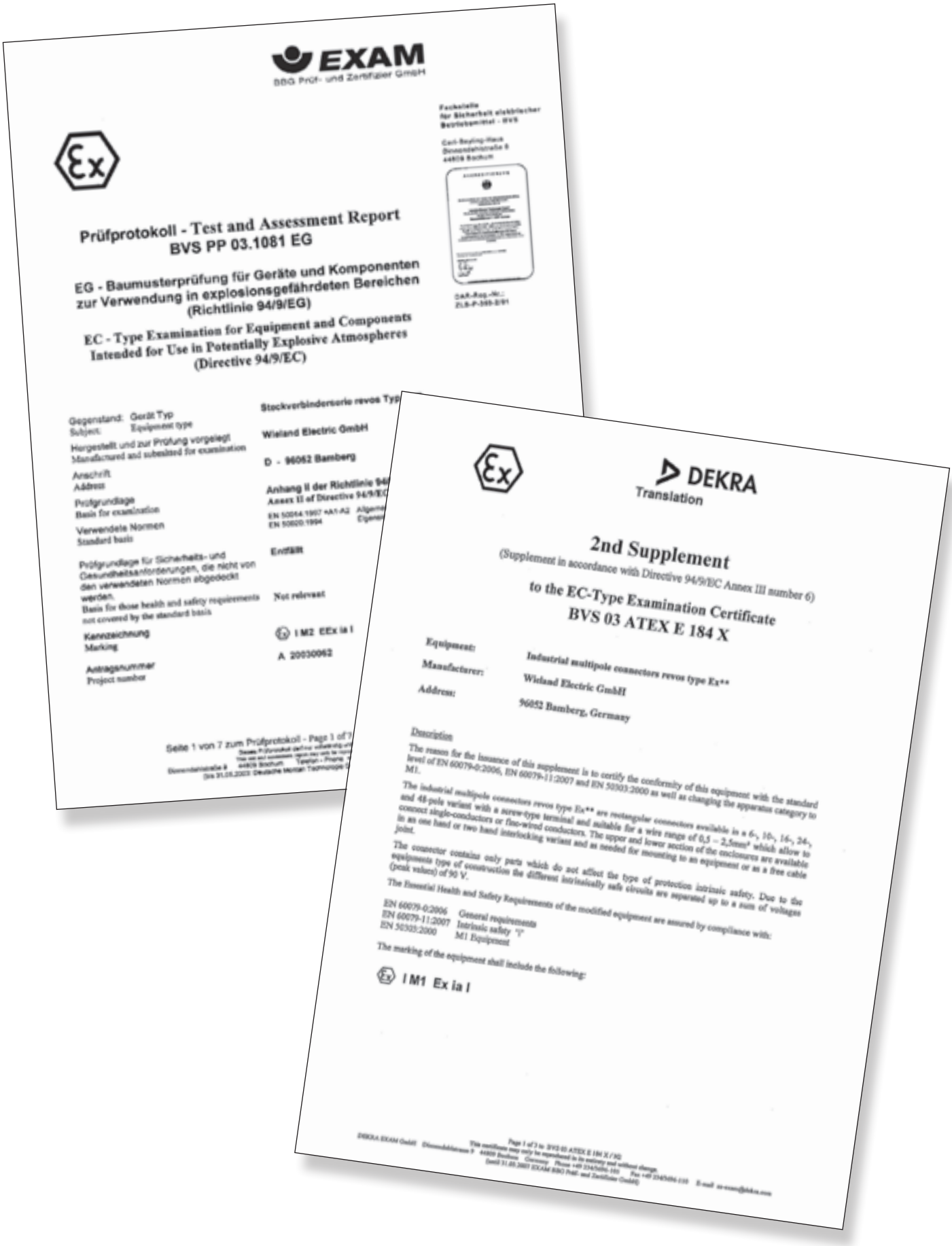
Ⓔx **I M1 Ex ia I**

Proof is provided by the marking of the Ex area on the individual components of the connector.

Permissible conductor cross section: 1.5 mm^2 to	2.5 mm^2	to	16 A
	1.0 mm^2	to	10 A
	0.75 mm^2	to	6 A
	0.5 mm^2	to	3 A

Wieland Electric GmbH
Brennerstraße 10-14
D-96052 Bamberg
Germany

Subject to change without further notice



EXAM
BBG Prüf- und Zertifizier GmbH

Prüfprotokoll - Test and Assessment Report
BVS PP 03.1081 EG

EG - Baumusterprüfung für Geräte und Komponenten zur Verwendung in explosionsgefährdeten Bereichen (Richtlinie 94/9/EG)

EC - Type Examination for Equipment and Components Intended for Use in Potentially Explosive Atmospheres (Directive 94/9/EC)

Gegenstand: Gerät Typ
Subject: Equipment type

Stockverbindersorie revos Typ

Hergestellt und zur Prüfung vorgelegt
Manufactured and submitted for examination

Wieland Electric GmbH

Anschrift
Address

D - 96052 Bamberg

Prüfgrundlage
Basis for examination

Anhang II der Richtlinie 94/
Annex II of Directive 94/9/EC

Verwendete Normen
Standard basis

EN 50014:1997 +A1-A2
EN 50020:1994

Prüfgrundlage für Sicherheits- und Gesundheitsanforderungen, die nicht von den verwendeten Normen abgedeckt werden.
Basis for those health and safety requirements not covered by the standard basis

Entfällt

Not relevant

Kennzeichnung
Marking

I M2 EEx ia I

Antragsnummer
Project number

A 20030062

Seite 1 von 7 zum Prüfprotokoll - Page 1 of 7

DEKRA
Translation

2nd Supplement
(Supplement in accordance with Directive 94/9/EC Annex III number 6)
to the EC-Type Examination Certificate
BVS 03 ATEX E 184 X

Equipment: Industrial multipole connectors revos type Ex**

Manufacturer: Wieland Electric GmbH

Address: 96052 Bamberg, Germany

Description

The reason for the issuance of this supplement is to certify the conformity of this equipment with the standard level of EN 60079-0:2006, EN 60079-11:2007 and EN 50303:2000 as well as changing the apparatus category to M1.

The industrial multipole connectors revos type Ex** are rectangular connectors available in a 6-, 10-, 16-, 24-, and 48-pole variant with a screw-type terminal and suitable for a wire range of 0,5 – 2,5mm² which allow to connect single-conductors or fine-wired conductors. The upper and lower section of the enclosures are available in as one hand or two hand interlocking variant and as needed for mounting to an equipment or as a free cable joint.

The connector contains only parts which do not affect the type of protection intrinsic safety. Due to the equipments type of construction the different intrinsically safe circuits are separated up to a sum of voltages (peak values) of 90 V.

The Essential Health and Safety Requirements of the modified equipment are assured by compliance with:

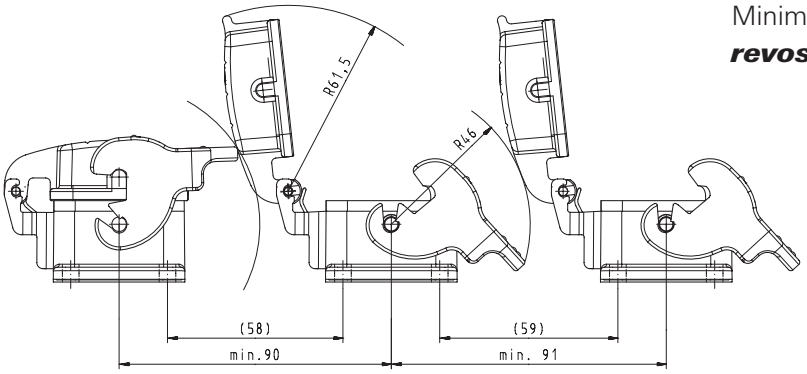
EN 60079-0:2006 General requirements
EN 60079-11:2007 Intrinsic safety "i"
EN 50303:2000 M1 Equipment

The marking of the equipment shall include the following:

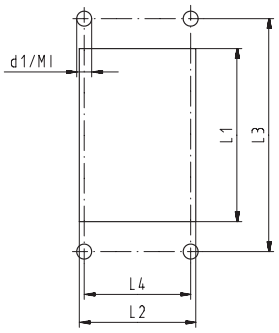
I M1 Ex ia I

DEKRA EXAM GmbH

revos BASIC single locking lever
Installation spacing and mounting dimensions

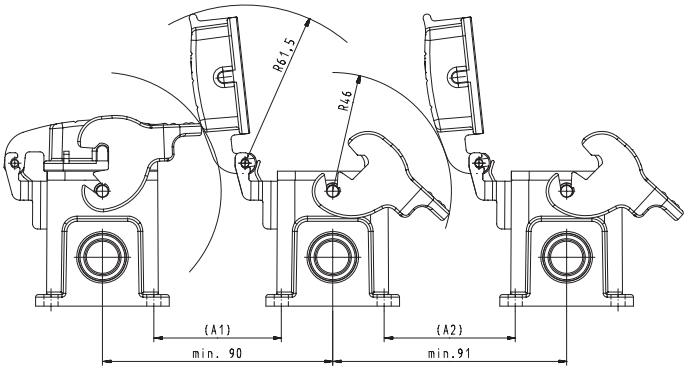


Minimum installation spacing for ***revos*** BASIC open-bottom bases



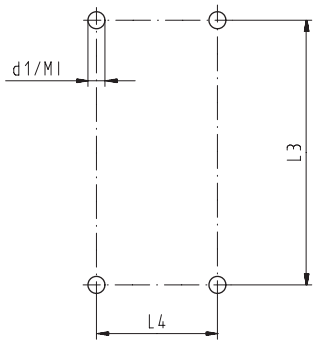
Mounting diagram for ***revos*** BASIC open-bottom bases of size 6 to 48

Size		6	10	16	24	48
Cut-out	L1	52	65	85.5	112	117
	L2	35	35	35	35	81
Installation spacing	L3	70	83	103	130	148
	L4	32	32	32	32	70
	d1	4.3	4.3	4.3	4.3	6.4
	M	M4	M4	M4	M4	M6



Minimum installation spacing for ***revos*** BASIC closed-bottom bases of size 6 to 24

Size		6	10	16	24
Installation spacing	A1	50	50	45	45
	A2	51	51	46	46

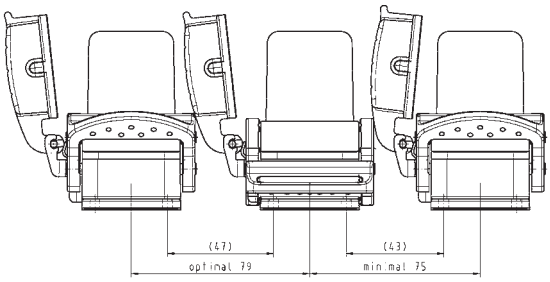


Mounting diagram for ***revos*** BASIC closed-bottom bases of size 6 to 48

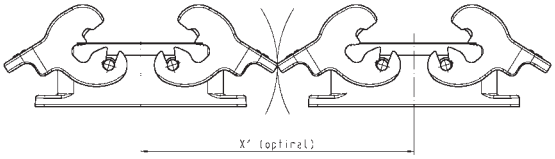
Size		6	6H	10	10H	16	24	48
Installation spacing	L3	70	70	82	82	105	132	111
	L4	40	45	40	45	45	45	106
	d1	5.3	5.5	5.3	5.5	5.3	5.3	6.5
	M	M5	M5	M5	M5	M5	M5	M6

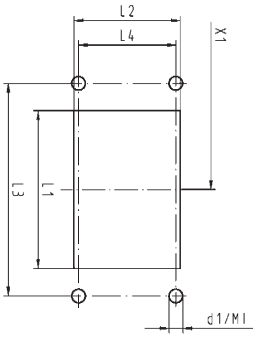
Subject to change without further notice

revos BASIC double locking lever
Installation spacing and mounting dimensions



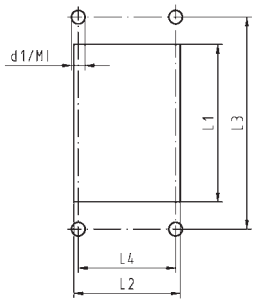
Minimum installation spacing for **revos** BASIC open-bottom bases of size 10 to 24





Mounting diagram for **revos** BASIC open-bottom bases of size 10 to 32

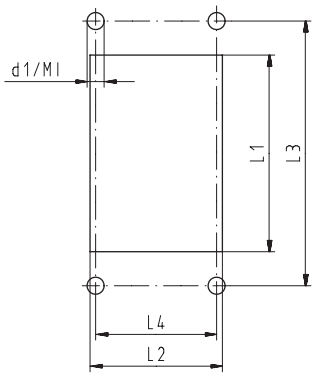
Size		10	16	24	32
Cut-out	L1	65	85.5	112	86
	L2	35	35	35	71
Installation spacing	L3	83	103	130	110
	L4	32	32	32	65
Minimum Montageabstand	X1	121	139	166	
	d1	4.3	4.3	4.3	5.5
	M1	M4	M4	M4	M5



Mounting diagram for **revos** BASIC open-bottom bases of size 10 to 24

Size		10	10H	16	24
Befestigungsab-stände	L3	82	82	105	132
	L4	40	45	45	45
	d1	5.5	5.5	5.5	5.5
	M1	M5	M5	M5	M5

EMC housings, cut-out and mounting dimensions

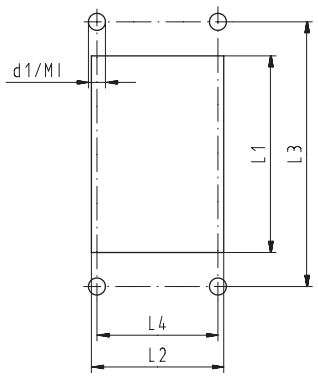


Mounting diagram for **revos** EMC open-bottom bases of size 6 to 24

Size		6	10	16	24
Cut-out	L1	52	65	85.5	112
	L2	35	35	35	35
Installation spacing	L3	70	83	103	130
	L4	32	32	32	32
	d1	4.3	4.3	4.3	4.3
	M1	M4	M4	M4	M4

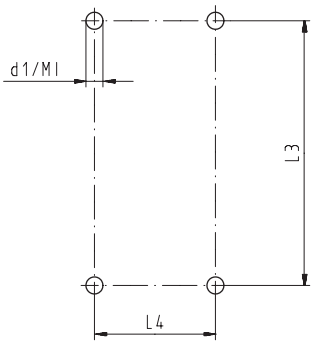
revos HD

Housing line, cut-outs and mounting dimensions



Mounting diagram for **revos** HD open-bottom bases of size 10/15, 16/25 and 32/50

Size		10/15	16/25	32/50
Cut-out	L1	56	72	82
	L2	23	23	49
Installation spacing	L3	70	86	92
	L4	17.5	17.5	42
	d1	3.3	3.3	4.3
	M1	M3	M3	M4



Mounting diagram for **revos** HD closed-bottom bases of size 10/15, 16/25 and 32/50

Size		10/15	16/25	32/50
Installation spacing	L3	48	64	94
	L4	40	40	46
	d1	4.3	4.3	4.3
	M1	M4	M4	M4

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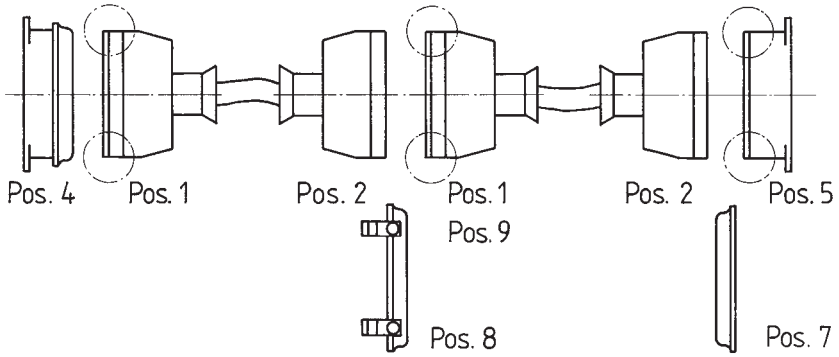
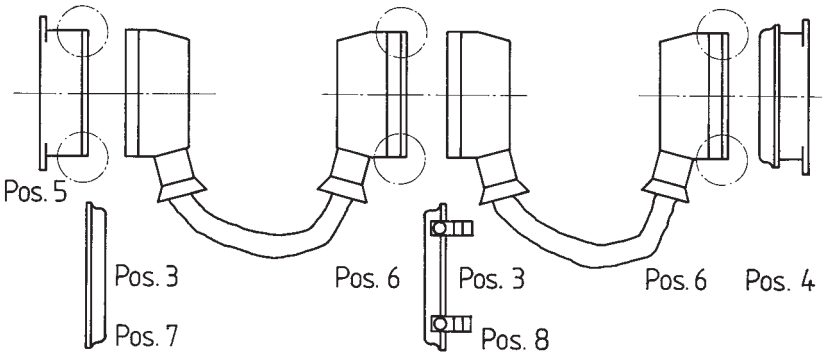
Installation example for *revos* Ex
Multipole hoods for cable-to-cable couplings

Size	Thread	Hood Pos. 1	Hood Pos. 2	Hood Pos. 3	Bottom-base Pos. 4	Bottom-base Pos. 5	Hood Pos. 6
6	M20	99.741.3329.7	70.352.0636.4	70.350.0636.4	99.700.3329.7	70.320.0628.9	99.731.3329.7
	M25	99.742.3329.7	70.354.0636.4	70.353.0636.4	–	–	99.732.3329.7
10	M20	99.743.3329.7	70.352.1036.4	70.350.1036.4	99.706.3329.7	70.320.1028.9	99.733.3329.7
	M25	99.744.3329.7	70.354.1036.4	70.353.1036.4	–	–	99.734.3329.7
16	M25	99.745.3329.7	70.352.1636.4	70.350.1636.4	99.702.3329.7	70.320.1628.9	99.735.3329.7
	M32	99.746.3329.7	70.354.1636.4	70.353.1636.4	–	–	99.736.3329.7
24	M25	99.747.3329.7	70.352.2436.4	70.350.2436.4	99.704.3329.7	70.320.2428.9	99.737.3329.7
	M32	99.748.3329.7	–	–	–	–	99.738.3329.7
48	M32	70.372.4836.4	70.375.4836.4	70.350.4828.4	–	70.320.4828.9	–
	M40	70.374.4836.4	70.376.4836.4	–	–	–	–

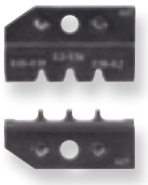
Handling instructions for the connectors are available in section on page 288.





Crimping tool

Description	Type	Part No.	P.U.
Tool			
Crimping tool in the case		95.101.0800.0	
Crimping die	"A"	05.502.2000.0	1
Crimping die	"B"	05.502.2100.0	1
Crimping die	"C"	05.502.2200.0	1
Crimping die	"D"	05.502.2300.0	1
Crimping die	"E"	05.502.2400.0	1
Crimping die	"F"	05.502.2600.0	1
Crimping die	"G"	05.502.4900.0	1
Crimping die	"H"	05.502.5000.0	1
Contact positioner	1	05.502.3100.0	1
Contact positioner	2	05.502.3200.0	1
Contact positioner	3	05.502.3300.0	1
Contact positioner	4	05.502.3800.0	1
Contact positioner	5	05.502.5100.0	1
Contact positioner	6	05.502.5200.0	1

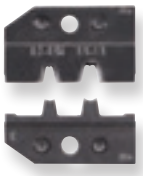


Crimping die "A"

Crimping die "B"

Crimping die "C"

Crimping die "D"



Crimping die "E"

Crimping die "F"

Crimping die "g"

Crimping die "h"

Contact positioner 1

Contact positioner 2

Contact positioner 3

Contact positioner 4

Contact positioner 5

Contact positioner 6

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Assignment of contacts to appropriate crimping tool

Part No.		Contact diameter	Wire range		Surface	Stripping length mm	Crimping die	Contact positioner	Suitable for																	Extraction tool
Female	Male		mm²	AWG					revos BASIC	revos MOT	revos MINI Q5	revos MINI (7+8-pole)	revos MINI Q12	revos HD	revos FLEX (Modul 3-pole)	revos FLEX (Modul 4-pole)	revos FLEX (Modul 5-pole)	revos FLEX (Modul 5-pole)	revos FLEX High-voltage-module	revos FLEX (Modul 10-pole)	revos FLEX RJ45	revos DD	revos FLEX (Modul 20-pole)	revos BASIC switching contact	revos SLIDE	
02.123.7001.0	05.543.7001.0	2.5	0.5	20	Au0,8	7	B	3	●	●	●															05.502.3500.0
02.123.7001.7	05.543.7001.7	2.5	0.5	20	Au2	7	B	3	●	●	●															05.502.3500.0
02.123.7002.0	05.543.7002.0	2.5	0.5	20	Ag	7	B	3	●	●	●															05.502.3500.0
02.123.7021.0	05.543.7021.0	2.5	0.5	20	Sn	7	B	3	●	●	●															05.502.3500.0
02.123.7101.0	05.543.7101.0	2.5	0.75-1.0	18	Au0,8	7	B	3	●	●	●															05.502.3500.0
02.123.7101.7	05.543.7101.7	2.5	0.75-1.0	18	Au2	7	B	3	●	●	●															05.502.3500.0
02.123.7102.0	05.543.7102.0	2.5	0.75-1.0	18	Ag	7	B	3	●	●	●															05.502.3500.0
02.123.7121.0	05.543.7121.0	2.5	0.75-1.0	18	Sn	7	B	3	●	●	●															05.502.3500.0
02.123.7201.0	05.543.7201.0	2.5	1.5	16	Au0,8	7	B	3	●	●	●															05.502.3500.0
02.123.7201.7	05.543.7201.7	2.5	1.5	16	Au2	7	B	3	●	●	●															05.502.3500.0
02.123.7202.0	05.543.7202.0	2.5	1.5	16	Ag	7	B	3	●	●	●															05.502.3500.0
02.123.7221.0	05.543.7221.0	2.5	1.5	16	Sn	7	B	3	●	●	●															05.502.3500.0
02.123.7301.0	05.543.7301.0	2.5	2.5	14	Au0,8	7	B	3	●	●	●															05.502.3500.0
02.123.7301.7	05.543.7301.7	2.5	2.5	14	Au2	7	B	3	●	●	●															05.502.3500.0
02.123.7302.0	05.543.7302.0	2.5	2.5	14	Ag	7	B	3	●	●	●															05.502.3500.0
02.123.7321.0	05.543.7321.0	2.5	2.5	14	Sn	7	B	3	●	●	●															05.502.3500.0
02.123.7401.0	05.543.7401.0	2.5	4	12	Au0,8	7	B	3	●	●	●															05.502.3500.0
02.123.7401.7	05.543.7401.7	2.5	4	12	Au2	7	B	3	●	●	●															05.502.3500.0
02.123.7402.0	05.543.7402.0	2.5	4	12	Ag	7	B	3	●	●	●															05.502.3500.0
02.123.7421.0	05.543.7421.0	2.5	4	12	Sn	7	B	3	●		●															05.502.3500.0
02.124.0900.0	05.544.0900.0	1.58	0.2-0.56	24-20	Sn	4	E	2				●		●												05.502.0000.0
02.124.0929.0	05.544.0929.0	1.58	0.2-0.56	24-20	Sn	4	E	2				●		●												05.502.0000.0
02.124.1000.0	05.544.1000.0	1.58	0.75-1.50	18-16	Sn	4	E	2				●		●												05.502.0000.0
02.124.1029.0	05.544.1029.0	1.58	0.75-1.50	18-16	Sn	4	E	2				●		●												05.502.0000.0
02.124.1400.0	05.544.1400.0	1.58	0.5-1.50	20-16	Au	4	E	2				●		●												05.502.0000.0
02.124.1429.0	05.544.1429.0	1.58	0.5-1.50	20-16	Au	4	E	2				●		●												05.502.0000.0
02.125.2929.8	05.544.1829.8	3.6	1.5	16	Ag	10	B	none							●											05.502.0910.0
02.125.3029.8	05.544.1929.8	3.6	2.5	14	Ag	10	B	none							●											05.502.0910.0
02.125.3129.8	05.544.3129.8	3.6	4	12	Ag	10	D	1							●											05.502.0910.0
02.125.3229.8	05.544.3229.8	3.6	6	10	Ag	10	D	1							●											05.502.0910.0
02.125.3329.8	05.544.3329.8	3.6	10	8	Ag	10	D	1							●											05.502.0910.0
02.125.3429.8	05.544.3429.8	2.5	0.5-1.5	20-16	Ag	4	C	2								●	●									05.502.0610.0
02.125.3529.8	05.544.3529.8	2.5	1.5-2.5	16-14	Ag	4	C	2								●	●									05.502.0610.0
02.125.3629.7	05.544.3629.7	2.5	0.5	20	Au	8	B	1										●	●							05.502.0810.0
02.125.3629.8	05.544.3629.8	2.5	0.5	20	Ag	8	B	1										●	●							05.502.0810.0
02.125.3729.7	05.544.3729.7	2.5	0.75-1.0	18	Au	8	B	1										●	●							05.502.0810.0
02.125.3729.8	05.544.3729.8	2.5	0.75-1.0	18	Ag	8	B	1										●	●							05.502.0810.0
02.125.3829.8	05.544.3829.8	2.5	1.5	16	Ag	8	B	1										●	●							05.502.0810.0
02.125.3929.7	05.544.3929.7	2.5	2.5	14	Au	8	B	1										●	●							05.502.0810.0
02.125.3929.8	05.544.3929.8	2.5	2.5	14	Ag	8	B	1										●	●							05.502.0810.0
02.125.4029.8	05.544.4029.8	2.5	4	12	Ag	8	B	1										●	●							05.502.0810.0
02.125.4129.7	05.544.4129.7	1.6	0.14-0.37	26-22	Au	8	B	1					●								●	●	●			05.502.0710.0
02.125.4129.8	05.544.4129.8	1.6	0.14-0.37	26-22	Ag	8	B	1					●								●	●	●			05.502.0710.0
02.125.4229.7	05.544.4229.7	1.6	0.5	20	Au	8	B	1					●								●	●	●			05.502.0710.0
02.125.4229.8	05.544.4229.8	1.6	0.5	20	Ag	8	B	1					●								●	●	●			05.502.0710.0
02.125.4329.7	05.544.4329.7	1.6	0.75-1.0	18	Au	8	B	1					●								●	●	●			05.502.0710.0
02.125.4329.8	05.544.4329.8	1.6	0.75-1.0	18	Ag	8	B	1					●								●	●	●			05.502.0710.0
02.125.4429.7	05.544.4429.7	1.6	1.5	16	Au	8	B	1					●								●	●	●			05.502.0710.0
02.125.4429.8	05.544.4429.8	1.6	1.5	16	Ag	8	B	1					●								●	●	●			05.502.0710.0
02.125.4529.7	05.544.4529.7	1.6	2.5	14	Au	8	B	1					●								●	●	●			05.502.0710.0
02.125.4529.8	05.544.4529.8	1.6	2.5	14	Ag	8	B	1					●								●	●	●			05.502.0710.0
02.125.4629.7	05.544.4629.7	1.0	0.09-0.25	28-24	Au	3	A	4																●		05.502.0410.0
02.125.4729.7	05.544.4729.7	1.0	0.25-0.5	24-20	Au	3	A	4																●		05.502.0410.0
	05.543.9021.0	2.5	0.5	20	Sn	7	B	3																	●	05.502.3500.0
	05.543.9121.0	2.5	0.75-1.0	18	Sn	7	B	3																	●	05.502.3500.0
	05.543.9221.0	2.5	1.5	16	Sn	7	B	3																	●	05.502.3500.0
	05.543.9321.0	2.5	2.5	14	Sn	7	B	3																	●	05.502.3500.0
	05.543.9421.0	2.5	4	12	Sn	7	B	3																	●	05.502.3500.0
02.125.1121.0	05.544.5621.0	1.65	1.5	16	Ag	3	B	3																		● 05.502.3500.0
Z7.280.4227.0		1.6			Ag	6	F						●													05.502.0710.0

Selection criteria and characteristics of the different contact platings tin, silver and gold

Contact platings

The core of an electric plug connection is the contact pair, consisting of the socket and plug contacts. Contacts are produced almost exclusively from copper alloys, and Wieland Electric GmbH uses contact platings made of tin, silver and gold, depending on the product specification:

Tin is corrosion-resistant; silver offers favorable conditions at high current and with cyclical switching processes; gold offers protection against aggressive environmental conditions.

Tin-plated

- ***revos*** – 16 A plug connector in screw and crimp design are available in all three surface platings, tin, silver and gold.
- ***revos*** – 16 A plug connectors with spring clamp contacts are available with silver-plating
- ***revos*** – 16 A multipole adapters are normally available tin-plated.
- ***revos*** – hybrid plug connectors are normally supplied in a tin version for I ≤ 16 A in and in a silver-plated version for I > 16 A.

Silver-plated

Gold-plated

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We are there for you

Phone +49 951 9324 991
Fax +49 951 9326 991
AT.TS@wieland-electric.com

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Inserts with tin-plated contacts:

Offers excellent resistance to the corrosive gases SO_2 and H_2S. Tin-plated contacts are especially well suited for transmitting low voltages and current in the millivolt and µA range, but also for typical signal voltages, such as 24 V and lower ampere, or network voltage and corresponding current.

Inserts connectors with silver-plated contacts:

Silver-plated contacts extend the operating life of the plug connector when there is strong current, in particular with cyclical motor start-up current that is markedly above the nominal current of the plug connectors. For example, in use on plastic injection molding machines that switch current on and off within seconds. Silver-plated contacts have proven themselves when the maximum current load capacity limit of 16 A was almost surpassed. Here, too, longer life cycles can be achieved.

In the range of high contact temperatures (> 100 °C), silver-plated contacts are preferable to tin-plated contacts.

Aging of silver contacts due to the influence of industrial atmospheres.

During the lifetime of the silver contacts, a silver sulfide layer can form due to the increased affinity of silver for sulfur, which is present in industrial atmospheres in small amounts. Through the chemical reaction of the silver with the gaseous sulfur in the surrounding air, brown to black layers arise, which result in coloring of the surface.

The chemical reaction of the silver surfaces on the plug systems of Wieland Electric GmbH can be delayed by passivating the silver-plated surfaces at the factory with an additional layer. This passivation protects the silver temporarily from a reaction with the gaseous sulfur in the surrounding air. Every currently known passivation layer will protect the silver surface for a limited time only, and a silver sulfide layer, including a black-brown coloration, will form.

This soft layer is extremely thin and is broken through when the contacts are mated. As a result, low transmission resistance is assured, even for colored contacts. This has been proven in numerous examinations in our laboratory.

Inserts connectors with gold-plated contacts:

In areas where high signal precision is required and the signals are transmitted through extremely small current and low voltage, signal distortions can occur with silver contacts with a silver sulfide layer. To simplify, the following values can be used: For current < 5 mA and voltages up to 5 V, tin-plated or gold-plated contacts are recommended.

But for extreme applications, only gold-plated contacts should be used.

Conclusion:

Fundamentally, tin-plated contacts are very good or better suited than silver-plated contacts for all types of signal current. For stronger current, when used with high ambient temperatures or a cyclical electric current, longer service lives can be expected with silver-plated contacts. Gold-plated contacts should be used in the range of very low voltage and current.

Wieland has decades of experience in the area of pluggable connection technology. We offer the best-possible contact with the optimal plating for every application.

Definition of the IP degrees of protection

For applications in industrial environments, degrees of protections and standards were defined that specify the environmental impact regarding contact, protection against foreign bodies and humidity to which a system can be exposed without being damaged. The degrees of protection are defined in the IP standard of DIN EN 60 529: degrees of protection achieved through housings (IP code).

The IP code consists of a two-digit number that indicates the relevant protection degree. The first digit specifies the protection degree for the protection against contact and foreign bodies while the second digit specifies the protection against water and humidity.

Practical notes:

For "normal" industrial systems where multipole connectors are used in closed factory halls, protection according to IP54 is normally offered = protected against dust + protected against splashing water. This protection is normally completely sufficient. For systems in outdoor applications (vehicles, snow guns, etc.) we recommend protection according to IP65 = dustproof + protected against jets of water. A protection according to IP67 or IP68 is required for only a few outdoor applications unless a continuous immersion of the components cannot be avoided.

The following tables are to describe the protection degrees in detail:

Table 1: Protection against contact and foreign bodies

1st	Protection against accidental contact	Protection against foreign bodies
0	No protection	No protection
1	Protection against contact with large parts of the body, for example the back of the hand	Protection against foreign bodies with a diameter of 50 mm and larger.
2	Protection against contact with the finger of 12.5 mm and larger.	Protection against foreign bodies with a diameter of 12.5 mm and larger.
3	Protection against contact with tools and wires larger than 2.5 mm	Protection against foreign bodies with a diameter of 2.5 mm and larger.
4	Protection against contact with tools and wires larger than 1 mm	Protection against foreign bodies with a diameter of 1 mm and larger.
5	Complete protection against accidental contact	Protection against dust: Penetration of dust is not fully prevented, but dust must not penetrate to such an extent that the equipment's functionality or safety is restricted in any way
6	Complete protection against accidental contact	Dustproof: No penetration of dust possible with a negative pressure of 20 mbar.

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Definition of the IP degrees of protection

Table 2: Water protection

2nd	Protection against ingress of water
0	No protection
1	Protection against dripping water: Dripping water falling vertically must not have a damaging effect
2	Protection against dripping water up to a tilt of 15°: Dripping water falling vertically must not have a damaging effect, if the equipment is tilted by up to 15°.
3	Protection against spraying water: Water that is sprayed in an angle of up to 60° must not have any damaging effect
4	Protection against splashing water: Water spraying from all directions towards the equipment must not have any damaging effect
5	Protection from jets of water: Jets of water directed towards the equipment from all directions must not have any damaging effect
6	Protection from powerful jets of water: Powerful jets of water that are directed towards the housing from all directions must not have any damaging effect.
7	Protection from temporary immersion in water: Water must not ingress in a quantity that has a damaging effect, if the housing is temporarily immersed in water under standardized pressure and time conditions
8	Protection from continuous immersion in water: Water must not ingress in a quantity that has a damaging effect, if the housing is continuously immersed in water under conditions agreed upon between the manufacturer and the user. The conditions must however be more severe than for key figure 7.
9 K	Protected against ingress of water from all directions, even with highly increased pressure against the housing. (High-pressure/steam jet cleaner, 80–100 bar)

Definition of the IP degrees of protection

Degrees of protection against water, designated by the second index number

The second index number defines the level of protection provided by the housing against damaging influences on the equipment resulting from the intrusion of water.

Table 3 gives short descriptions and definitions for the degrees of protection defined by the second index number.

Degrees of protection listed in this table may only be determined using the second index number and not through reference to the brief description or definition.

Up to the second index number 6, the description means that the requirements for all lower index numbers are also fulfilled.

A housing designated with just the second index number 7 or 8 is considered unsuitable for exposure to jet-spray water (designated with the second index number 5 or 6) and does not need to meet the requirements of index numbers 5 or 6, unless equipped with a double designation according to the following table:

Table 3: Degrees of protection

The housing meets the test for			
jet-spray water, second index number	Temporary/permanent submersion second index number	Description and label	Area of application
5	7	IPX5 / IPX7	Multipurpose
6	7	IPX6 / IPX7	Multipurpose
5	8	IPX5 / IPX8	Multipurpose
6	8	IPX6 / IPX8	Multipurpose
	7	IPX7	Restricted
	8	IPX8	Restricted

Housings for **"multipurpose"** use, as specified in the last column, must meet the requirements, both when exposed to jet-spray water or when temporarily or permanently submerged.

Housings for **"restricted"** use, as specified in the last column, are considered suitable only for temporary or permanent submersion and unsuitable for exposure to jet-spray water.

Subject to change without further notice

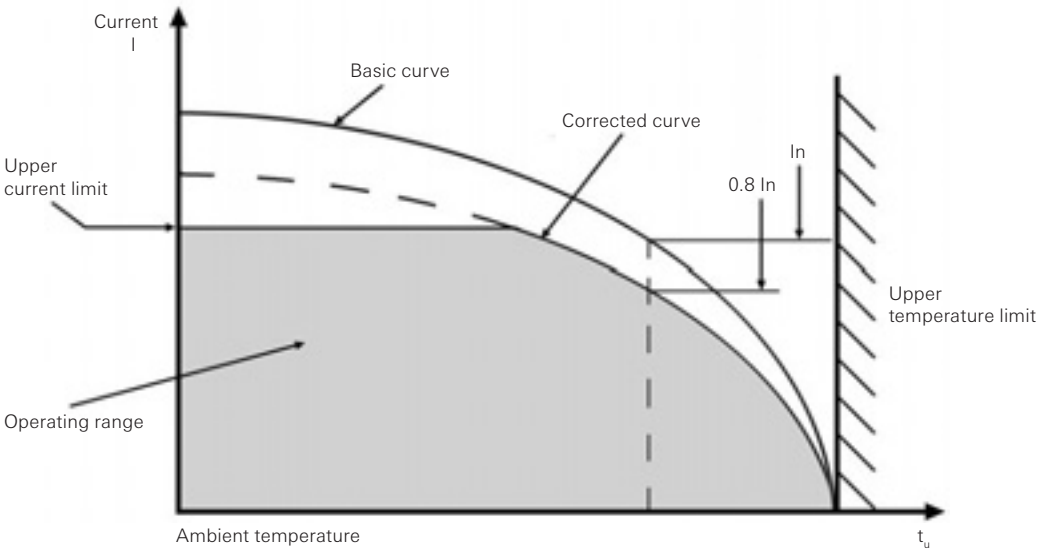
Derating behavior of *revos* industrial multipole connectors

Like any other connector, the ***revos*** industrial multipole connector also faces a reduction in the values for the current carrying capability when the ambient temperature rises.

This behavior is called derating behavior. Basic information on the derating behavior of connectors is provided in standard DIN EN 60 512 sec. 3.

Each contact insert is characterized by its rated current, among other things. The rated current is the current that a connector can carry in an ambient temperature of 40°C, simultaneously continued (not intermittent) over all contacts without exceeding the permissible upper temperature limit.

The derating curve shows the maximum current I at the given ambient temperature without the connector exceeding the upper temperature limit.



Curve of current carrying capability derived from the basic curve Source DIN EN 60 512-5-2-2003

Information on how to change over from PG to metric threads

Basic legal conditions

The European standard EN 50 262 “Metric Cable Glands for Electrical Installation” was ratified on April 01, 1989 by CENELEC (European Committee for Electrotechnical Standardization) and put into force.

Basic legal conditions

The big difference in the new EN standard is it has the character of a safety standard.
As a building standard it only defines the metric thread and its lead.

PG threads are available on request!

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72.208.0453.0	72
72.210.0653.0	71
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72.213.1853.0	78
72.215.0653.0	76
72.215.1053.0	73
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72.215.1853.0	78
72.216.1253.0	77
72.218.0453.0	72
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72.301.1653.9	106
72.301.2453.9	106
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72.310.1653.0	54
72.310.1653.9	106
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72.310.2453.9	106
72.310.3253.0	54
72.310.4853.0	54
72.310.4853.9	106
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72.700.4858.0	56
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72.710.4858.0	56
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73.300.0453.0	28
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73.300.3253.0	62
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73.327.6428.0	68
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73.355.6435.2	196
73.355.6435.3	196
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73.360.4035.2	174
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73.360.6435.2	194
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73.810.7253.0	60
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75.012.5053.0	129
75.013.0051.0	128
75.013.0051.2	128
75.013.5051.0	128
76.320.0729.0	135
76.320.0753.0	135
76.320.1528.0	214
76.320.2528.0	218

76.321.0729.0	135
76.321.0753.0	135
76.322.0736.0	135
76.322.0736.1	135
76.322.0760.5	135
76.325.2528.0	218
76.326.4028.0	68
76.326.6428.0	68
76.327.4028.0	68
76.327.6428.0	68
76.330.1035.0	150
76.330.1035.1	150
76.330.1535.0	214
76.330.1535.1	214
76.330.2535.0	218
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76.331.2535.1	218
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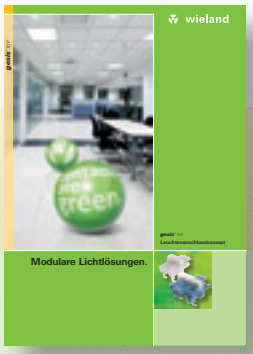

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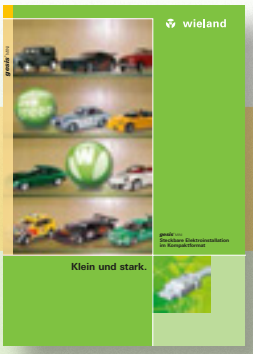

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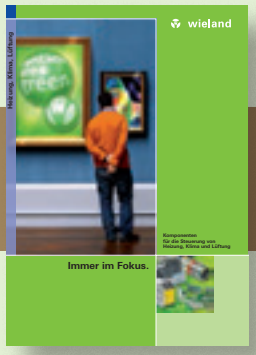

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USA
Wieland Electric Inc.
North American Headquarters
2889 Brighton Road
Oakville, Ontario L6H 6C9
Phone +1 905 8298414
Fax +1 905 8298413
www.wielandinc.com

CANADA
Wieland Electric Inc.
North American Headquarters
2889 Brighton Road
Oakville, Ontario L6H 6C9
Phone +1 905 8298414
Fax +1 905 8298413
www.wieland-electric.ca

GREAT BRITAIN
Wieland Electric Ltd.
Riverside Business Centre,
Walnut Tree Close
GB-Guildford/Surrey GU1 4UG
Phone +44 1483 531213
Fax +44 1483 505029
sales.uk@wieland-electric.com

FRANCE
Wieland Electric SARL.
Le Céramê Hall 6
47, avenue des Genottes
CS 48313
95803 Cergy-Pontoise Cedex
Phone +33 1 30320707
Fax +33 1 30320714
info.adv@wieland-electric.com

SPAIN
Wieland Electric S.L.
C/ Maria Auxiliadora 2 bajos
E-08017 Barcelona
Phone +34 93 2523820
Fax +34 93 2523825
ventas@wieland-electric.com

ITALY
Wieland Electric S.r.l.
Via Edison, 209
I-20019 Settimo Milanese
Phone +39 02 48916357
Fax +39 02 48920685
info.italy@wieland-electric.com

BELGIUM
ATEM-Wieland Electric NV
Bedrijvenpark De Veert 4
B-2830 Willebroek
Phone +32 3 8661800
Fax +32 3 8661828
info.belgium@wieland-electric.com

DENMARK
Wieland Electric A/S
Vallørækken 26
DK-4600 Køge
Phone +45 70 266635
Fax +45 70 266637
sales.denmark@wieland-electric.com

SWISS
Wieland Electric AG
Harzachstrasse 2b
CH-8404 Winterthur
Phone +41 52 2352100
Fax +41 52 2352119
info.swiss@wieland-electric.com

POLAND
Wieland Electric Sp. Zo.o.
Św. Antoniego 8
62-080 Swadzim
Phone +48 61 2225400
Fax +48 61 8407166
office@wieland-electric.pl

CHINA
Wieland Electric Trading
Unit 2703
International Soho City
889 Renmin Rd., Huang Pu District
PRC- Shanghai 200010
Phone +86 21 63555833
Fax +86 21 63550090
info-shanghai@wieland-electric.com

JAPAN
Wieland Electric Co, Ltd.
Three One Building 1F
3-20-5 Shinyokohama
Kouhoku-ku
Yokohama City 222-0033
Phone +81 45 473 5085
Fax +81 45 470 5408
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Headquarters:
Wieland Electric GmbH
Brennerstraße 10 – 14
96052 Bamberg, Germany

Sales Center:
Wieland Electric GmbH
Benzstraße 9
96052 Bamberg, Germany

Phone +49 951 9324-0
Fax +49 951 9324-198
www.wieland-electric.com
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Technical Support:
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  - Coupling relays, semiconductor switches
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  - Analog coupling and converter modules
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  - Fieldbus interfaces and motor starters
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  - Rectangular and round connectors
  - Aluminium or plastic housings
  - Degree of protection up to IP68
  - Current-carrying capacity up to 100 A
  - Connectors for hazardous areas
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