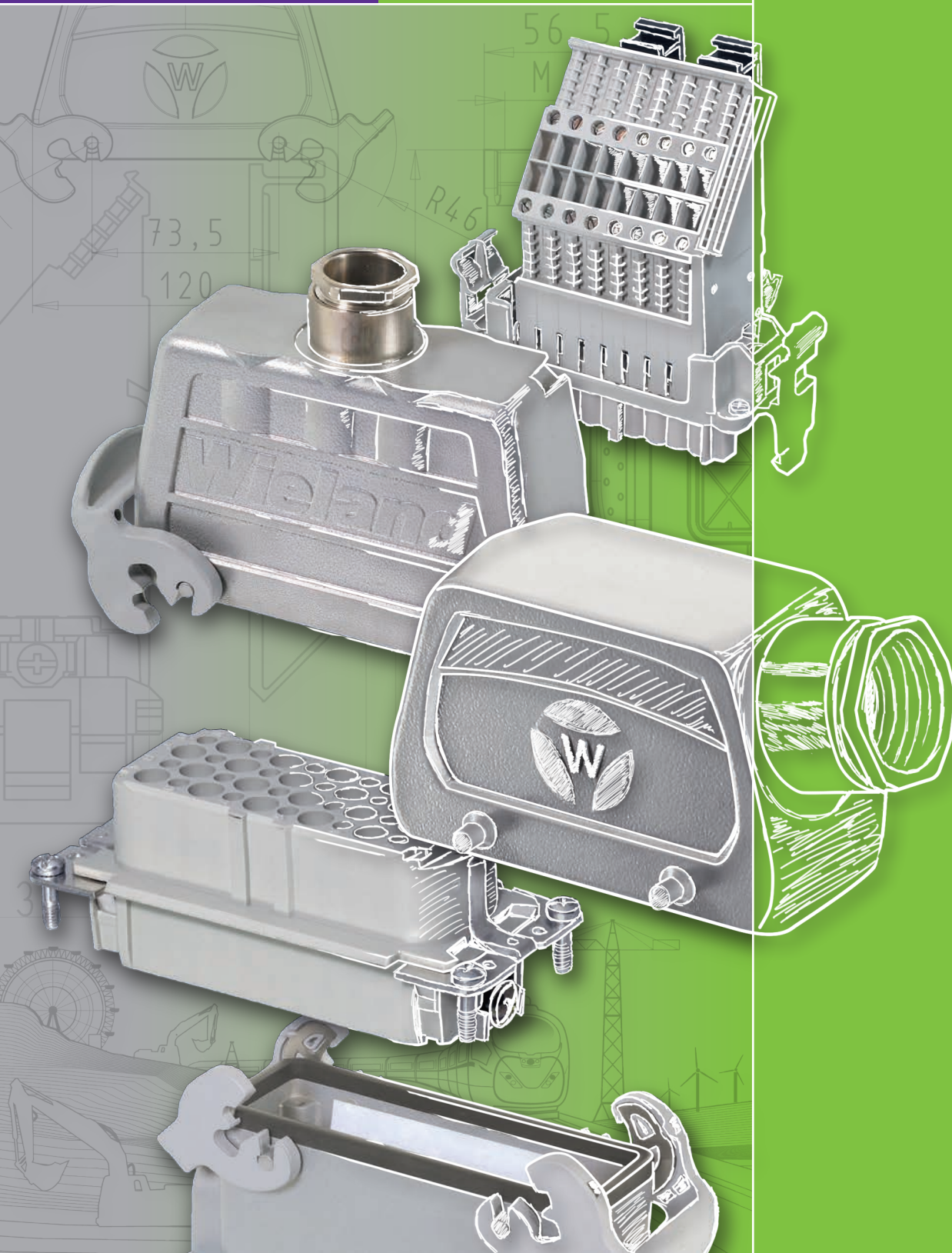


revos



wieland



revos
Industrial Multipole Connectors

Catalog 2018





▲ Plant II, Rodezstraße in Bamberg



▲ Company headquarters in Bamberg



▲ STOCKO main plant in Wuppertal

wieland group

AT HOME ALL OVER THE WORLD

Wieland Electric GmbH is a medium-sized family-run electrical and electronics company headquartered in Bamberg. Founded in 1910, Wieland is one of the pioneers of electrical connection technology.

This family business with its international outlook is a market leader in pluggable installation technology for functional buildings, with subsidiaries worldwide and production lines not only in Bamberg but also in the Czech Republic and China.

The Wieland Group, which has included STOCKO Contact GmbH & Co. KG since 1998, is therefore represented in over 70 countries and employs some 2,200 people.



Solutions for

Building technology

Wind power

Machine building

Lighting technology

Heating, ventilation, air conditioning



Product portfolio

- Electronic and electrical engineering for the control cabinet
- Safety technology
- Network and field bus systems
- Energy bus systems for industry and buildings
- Connectors up to protection type IP6X
- Building automation
- PCB terminals and plug connectors
- Sensor/actuator cabling



Industries

- Machine building
- Construction machines & cranes
- Buildings and lighting
- Logistics
- Power engineering
- Renewable energy sources
- Heating, ventilation and air conditioning systems



Business services

- Pre-assembly and wiring
- Product labeling service
- Integrated solutions inside distributors
- Customized solutions
- On-site project support
- Optimization of decentralized, pluggable installation solutions
- Certified machine safety tests



Safety training

- Software validation
- CSE certified safety engineers
- Basics and standards of functional safety
- Modification of old machines and major changes
- Design of safety functions and calculation with Sistema
- Machinery Directive, liability issues and CE conformity explanations



Software/configuration tools

- **wieplan** CLICK2BUY, configuration of terminal strips including online order
- **wieprint**, marking system for DIN rail terminal blocks
- **revos** configurator for connectors
- **gesis**[®]PLAN for building installation
- **podis**[®]PLAN for configuring the **podis**[®] energy bus system
- **samos**[®]PLAN 6, programming tool for **samos**[®]PRO COMPACT



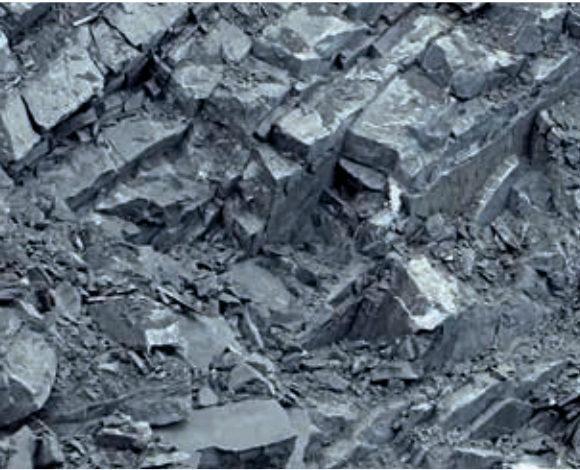
Why Wieland?

- Standardized industrial solutions
- Customized solutions
- Support for your project
- Broad product portfolio
- Application worldwide due to international licenses
- Group-wide observance of human rights, including at suppliers
- Eco-friendly production


RoHS conform




| CONTENTS |




6	An overview of heavy duty connectors
10	General design of a revos industrial multipole connectors
12	The locking mechanism of the industrial multipole connectors
14	Connection technologies
16	Housing series
20	Contact inserts - Overview
24	Product matrix

26	Contact inserts
28	revos MINI
32	revos BASIC
60	revos DD
62	revos HD
70	revos POWER
88	Connector and Multipole adapter with trigger action frame
102	revos IT
104	revos 
106	revos FLEX
126	revos MOT
128	revos E-2000

130	Housings
132	revos MINI
134	revos BASIC
209	revos BASIC M
226	revos HD
240	revos 
260	Multipole connector sets with 4 components Screw connection

262	Accessories
264	Mounting frames
266	Cover- and Reducer plate
268	Coding accessories
273	Docking frame
274	Cable glands
278	Protective covers
282	Tools
283	Marking tag carriers

286	facts&DATA
288	Conductor connections, tightening torque
291	Definition of the IP degrees of protection
294	Current load capacity, Derating behavior
296	Selection criteria of the different contact surfaces
298	Explanations of applications in hazardous areas
300	Installation spacing and mounting dimensions
303	Mounting example revos  , cable-to-cable couplings
304	Crimping tool and Assignment of contacts to appropriate crimping tool

306	Detailed table of contents
308	Index
320	Selection of our catalogs
322	Service Support
323	Wieland subsidiaries





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:

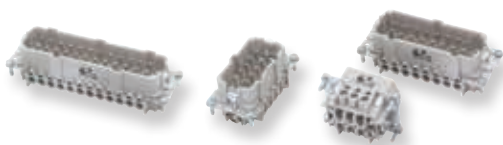
revos MINI



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.

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 90-97.

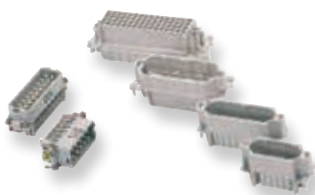
revos DD



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 mm² at a rated voltage of 250 V (600 V CSA/UL).

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

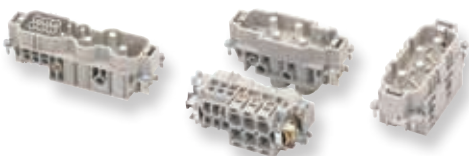
revos HD



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 and inserts with integral cable strain relief on pages 98-101.

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 70-87.

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 106-125.

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 132–133.

revos BASIC / **revos** BASIC M



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. The connector series **revos** BASIC M is specifically designed for increased environmental requirements, with stainless steel lever and bolt and chemically stable sealing.

You will find **revos** BASIC-housings on pages 134–208.

You will find **revos** BASIC M-housings on pages 209–225.

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 226–239.

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 104–105.

You will find **revos** Ex-housings on pages 240–259.

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

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 102–103.

revos MOT



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

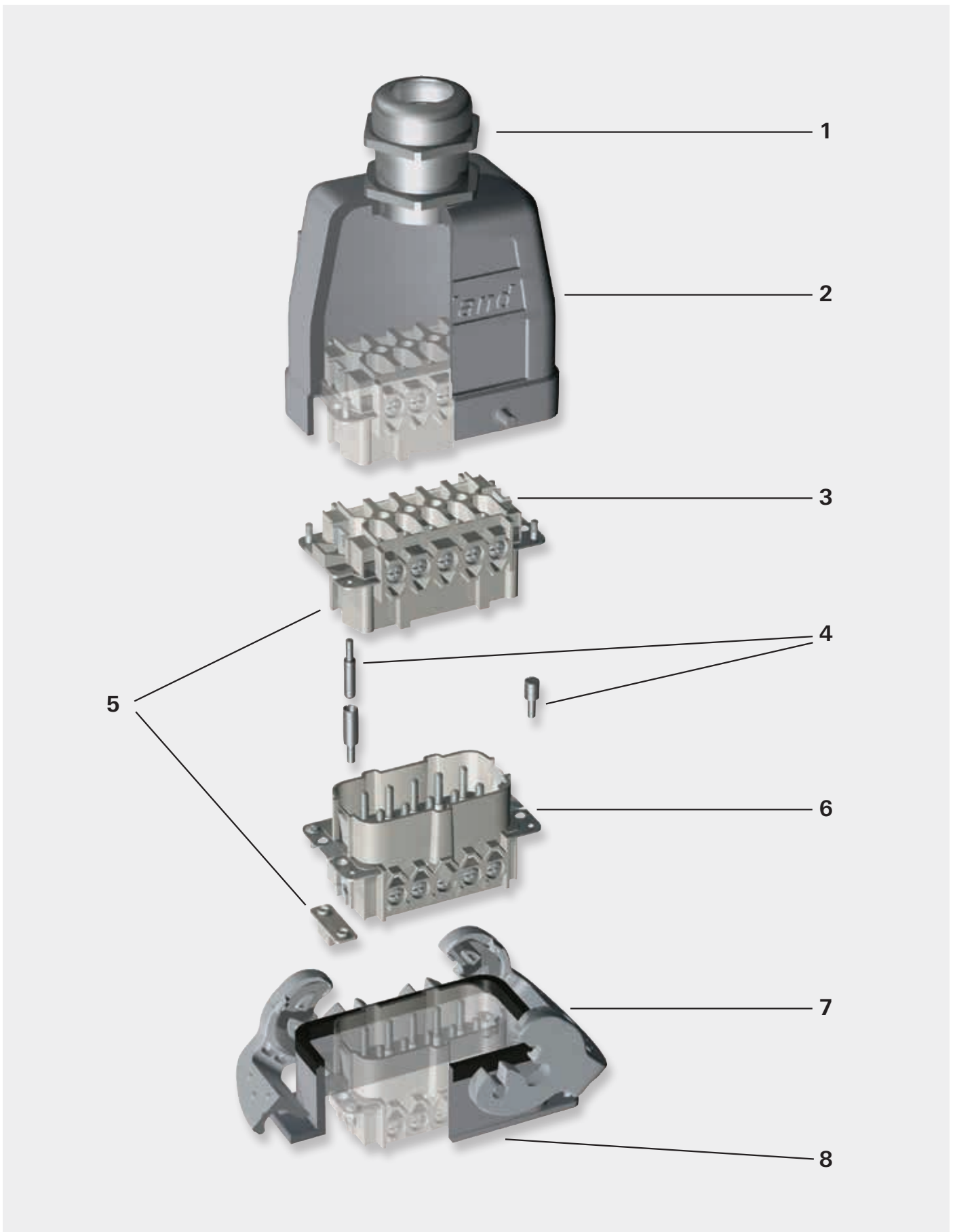
You will find **revos** MOT products on pages 126–127.

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 128–129.

General design of a *revos* industrial multipole connectors




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**  - 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**  - 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"

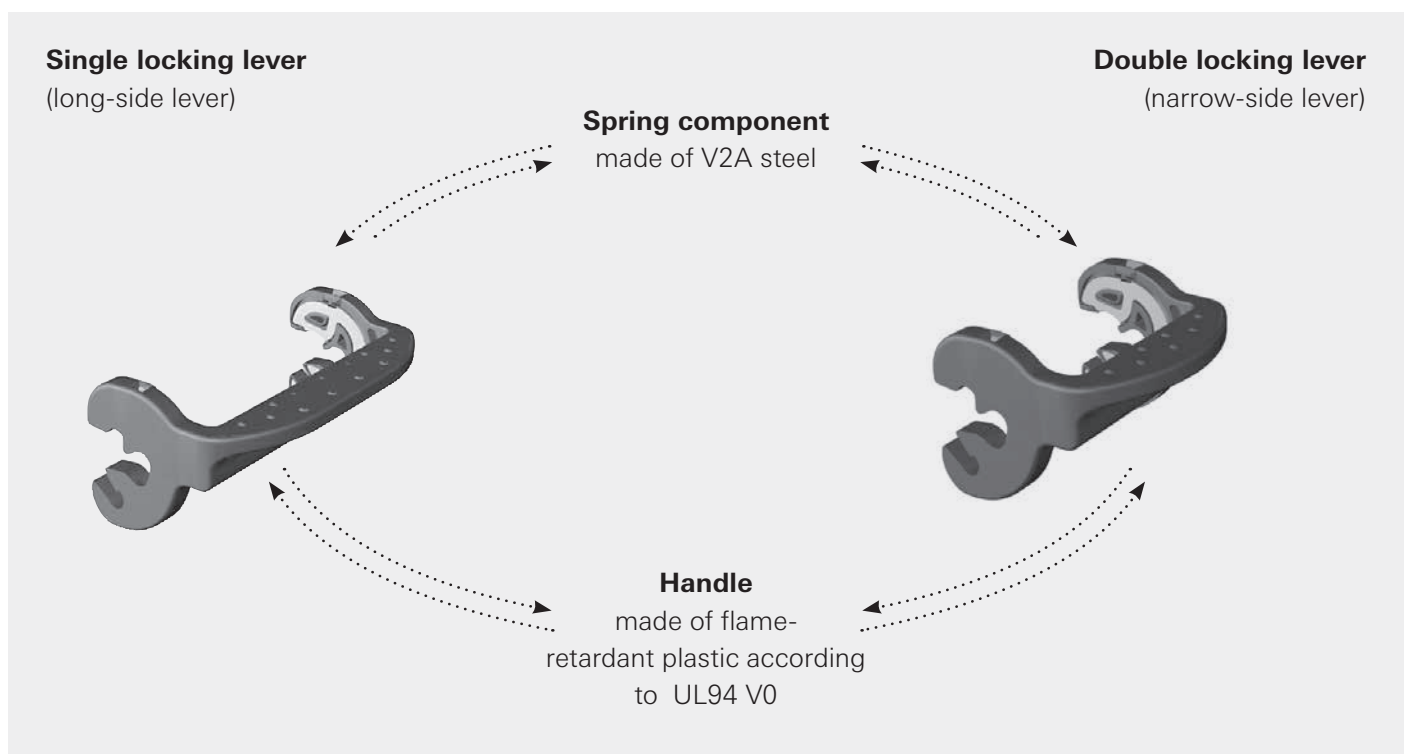
The locking mechanism of the **revos** BASIC industrial multipole connectors

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:

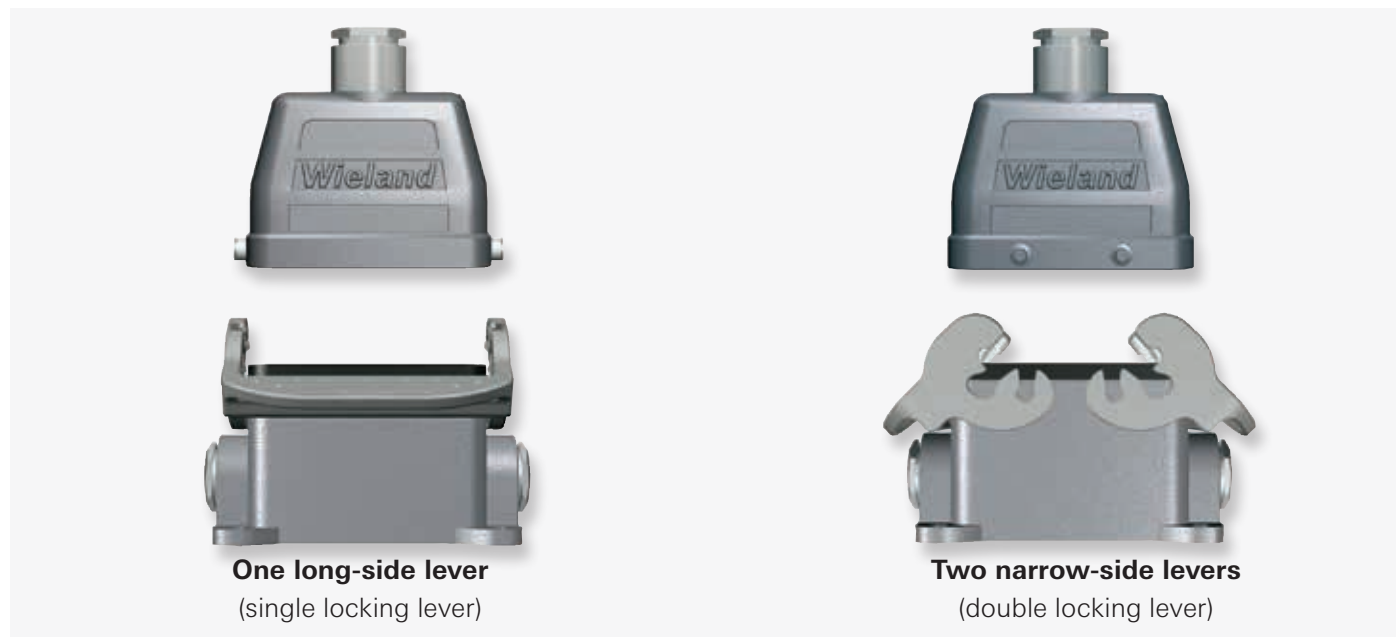
- Low-wear locking mechanism
- High holding forces
- Plastic material suitable for outdoor applications
- Salt and seawater resistant, UV resistant
- During overhead mounting the lever will remain in the open position
- Replaceable
- Self-extinguishing plastic material according to UL 94 V0



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:

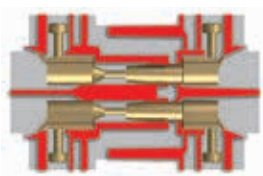


Connectors for cable-to-cable couplings:



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

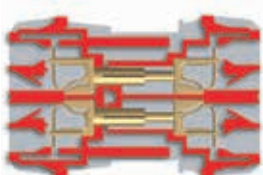


Screw connection technology:

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.

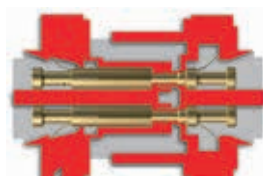
When ferrules are used they must be crimped to the wire by means of a special positively driven crimping tool.

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
- Consistent 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

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 290.

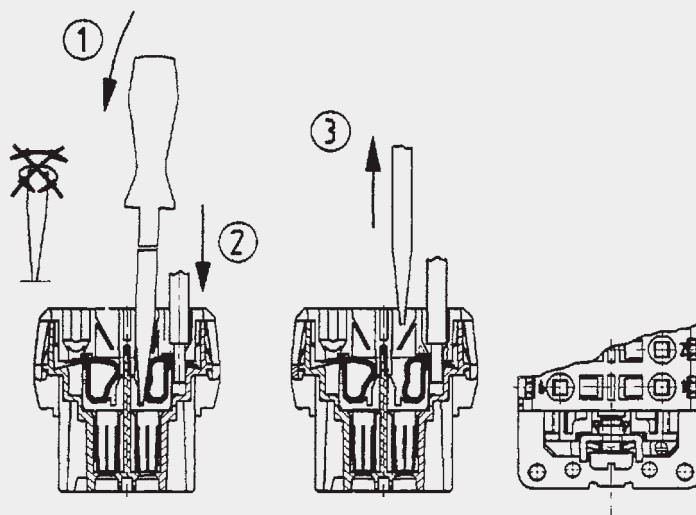
The contact point can be delivered with or without wire protection. Clamping bodies with wire protection do not require any preparation of the wires. Clamping bodies without wire protection require appropriate preparation of the wires in case fine-stranded wires are used.

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 305.

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 296–297.



Micrograph of a B crimp



Micrograph of a square crimp

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

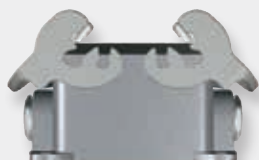
Double locking lever

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 \triangleq increased high design; XL \triangleq 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.

Housing series *revos* HD

Single locking lever

Hoods



Bases

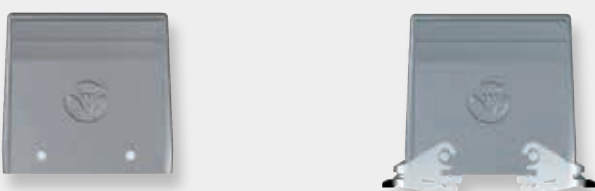


Size (GB):

- 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*

revos MINI

Hoods



Bases



Coupling housings

Cover without gasket for female inserts

Cover with gasket for male inserts

revos

Hoods



Bases



Coupling housings



















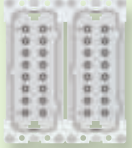

Size (GB):








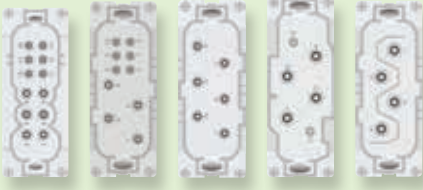

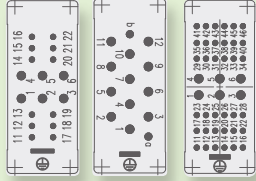


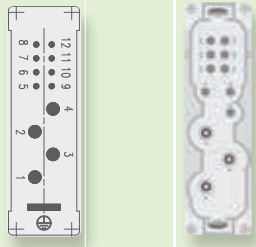


- GB 10Ex, 16Ex, 24Ex, double locking lever
- GB 6Ex, 48Ex, single locking lever

Bases are also available with a protective cover!

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				
48	 48 + ground				

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		 8/24 + ground	 3 Modules	10/ 10H
 72 + ground	 40 + ground	 6/6 + ground 4/6 + ground 6 + ground 4/2 + ground 4 + ground	 5 Modules	16/ 16H
		 6/12 + ground 12/2 + ground 6/36 + ground		
 108 + ground	 64 + ground	 4/8 + ground 3/3/6 + ground	 7 Modules	24/ 24H
	 80 + ground			32

Contact inserts





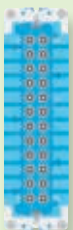
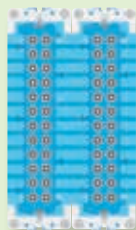
Contact inserts für *revos* HD-housings

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

Contact inserts for *revos* MINI-housings



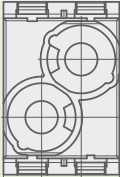














Size	250 – 400 V / 10 A	400 V / 10 A	400 V / 16 A	50 – 250 V / 10 A	50 V / 10 A	690 V / 10 A
3	 <p>3 + ground</p>	 <p>4 + ground</p>	 <p>5 + ground</p>	 <p>7 + ground</p>	 <p>8</p>	 <p>12</p>

Contact inserts for *revos* Ex-housings


Size	6Ex	10Ex	16Ex	24Ex	48Ex
 90 V 16 A	 <p>6 + ground</p>	 <p>10 + ground</p>	 <p>16 + ground</p>	 <p>24 + ground</p>	 <p>48 + ground</p>

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 Spring clamp
Modules for signal distribution		High voltage		Compressed air		
						
10-pole 250 V/10 A Crimp/LWL-POF	20-pole 100 V/4 A Crimp	2-pole 5.5 kV/20 A Crimp	Pneumatic 1-pole 10 bar – Ø 2.5/4 mm	Pneumatic 2-pole 10 bar – Ø 2.5/4 mm		
Bus systems				Special modules		
						
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-pole 50 V/10 A Crimp	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	Variation	Size (GB)	Locking levers	Hoods page	Bases page
BASIC 	Aluminum die cast	Standard housings	6	Single	134	138
			10	Single	142	146
				Double	150–152	156
			16	Single	160	164
				Double	168–170	176
			24	Single	180	184
				Double	188–190	196
			32	Double	200	201
			48	Single	202	204
			Increased height design	6H	Single	136
		10H		Single	144	148
				Double	154	158
		16H		Single	162	166
				Double	172–174	178
		24H		Single	182	186
			Double	192–194	198	
		large wiring space	16XL	Double	175	
			24XL	Double	195	
		EMC housings	6/6H	Single	206	207
			10/10H	Double	206	207
16/16H	Double		206	207		
24/24H	Double		206	207		
BASIC M 		Motor conn. hous.	10	Single		208
		Increased environmental requirements	6	Single	210	212
			10	Single	214	216
			16	Single	218	220
			24	Single	222	224
		HD 	Aluminum die cast	250 V	10/15	Single
16/25	Single				230	232
32/50	Double				234, 236	238
MINI 	Polyamide Die cast zinc alloy	Plastic Metal	3	Single	132	133
			3	Single	132	133
 	Die cast zinc alloy	90 V	6 	Single	240	242
			10 	Double	244	246
			16 	Double	248	250
			24 	Double	252	254
			48 	Single	256	258
MOT 	Polyamide	690 V	10 + ground	Push-Pull	126	126
FLEX COMPACT 		1M	1 M	Single	124	124

H \triangle Increased height design; XL \triangle Large wiring space



revos contact inserts offer many possibilities

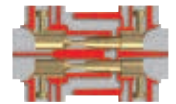
The task of the contact inserts is distribution of power and signals. The contact inserts are available in 2- to 216-pin design. They are suitable for current from 4 to 100 A and voltages up to 5.5 kV.

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



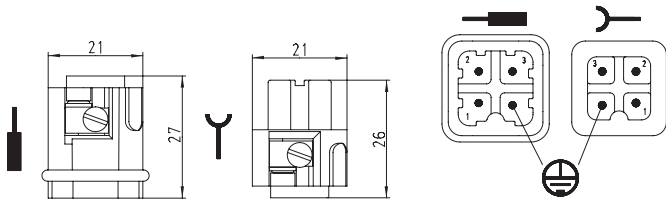
4-pole + ground



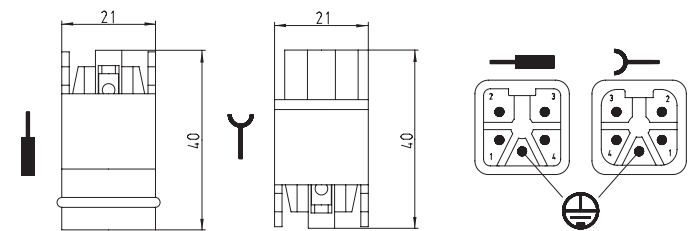
Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> MINI			
Male insert	3-pole + ground MIN STS 3 2,5 40	73.310.0353.0	10
Female insert	MIN BUS 3 2,5 40	73.300.0353.0	10
Contact inserts <i>revos</i> MINI			
Male insert	4-pole + ground MIN STS 4 2,5 40 AG	73.310.0453.0	10
Female insert	MIN BUS 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 mm ²		
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 <i>revos</i> MINI			Page 132–133

Dimensions

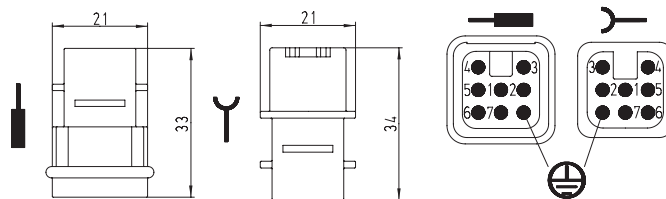
3-pole + ground



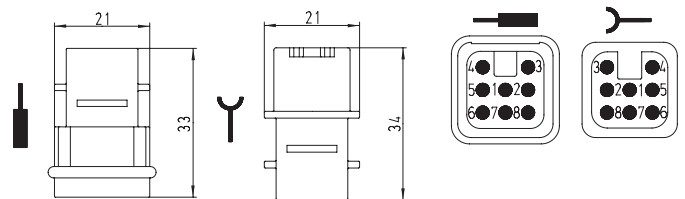
4-pole + ground

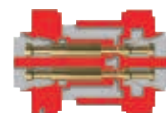


7-pole + ground



8-pole





Contact inserts

Contact inserts *revos* MINI



7-pole + ground



8-pole

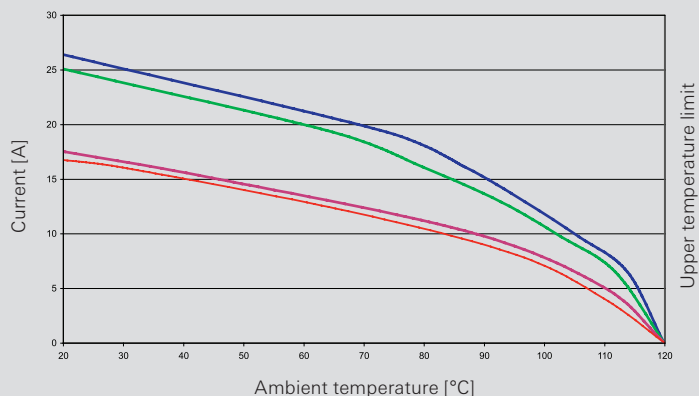


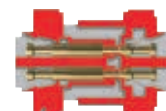
Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> MINI			
7-pole + ground			
Male insert without crimp contacts	MIN STC 7 25	73.710.0753.0	10
Female insert without crimp contacts	MIN BUC 7 25	73.700.0753.0	10
Contact inserts <i>revos</i> MINI			
8-pole			
Male insert without crimp contacts	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			
	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		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 mm ²		
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 <i>revos</i> MINI		Page 132–133	

Derating curve according to IEC 60512 sec. 3

revos MINI
10 A / 2.5 mm² / 1.5 mm²

- 3-pole
- 4-pole
- 7-pole
- 8-pole





Contact inserts

Contact inserts *revos* MINI



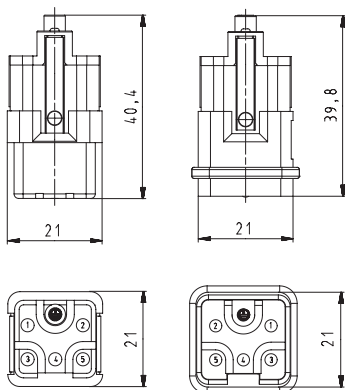
5-pole + ground



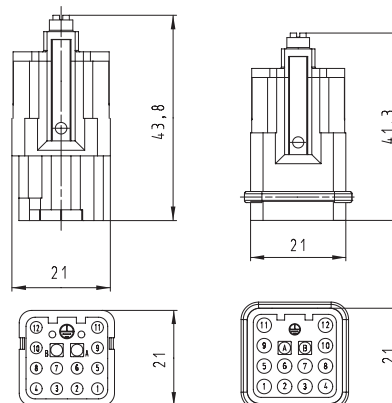
Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> MINI			
5-pole + ground			
Male insert without crimp contacts	MIN STC 5 25 AG	73.710.0553.0	10
Female insert without crimp contacts	MIN BUC 5 25 AG	73.700.0553.0	10
Contacts for crimp version			
	mm ² / AWG, turned \varnothing 2.5 mm		
Male 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 <i>revos</i> MINI			
			Page 132-133

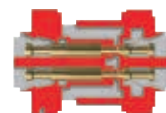
Dimensions

5-pole + ground



12-pole + ground





Contact inserts

Contact inserts *revos* MINI



12-pole + ground



Coding piece

Testing potentials see page 272



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. 132)

Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> 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			
	mm ² / AWG, turned \varnothing 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 \varnothing 1,6			
Male insert		02.125.2421.0	5
Female insert		05.544.8121.0	5

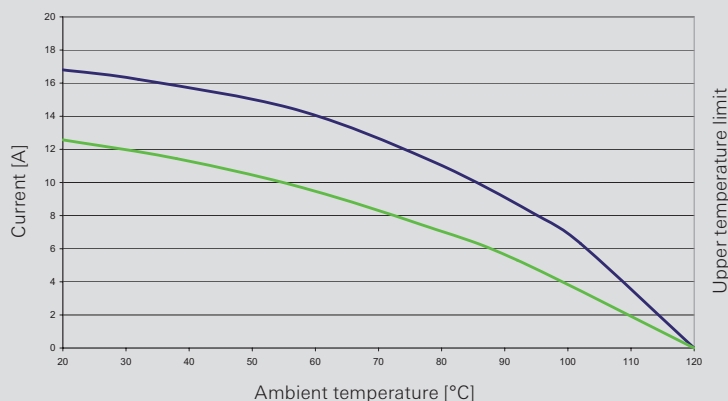
Technical data	
Rated voltage	
Installed in a plastic housing	L-PE 400 V / L-L 690 V
Installed in a metal housing	L-PE 400 V / L-L 690 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	
Plastic housing	4 kV
Metal housing	4 kV
Rated current	10 A (UL/CSA 14 A)
Degree of pollution	3
Rated cross section	
EN 60999	0.14 – 2.5 mm ² , ground: 2.5 mm ²
UL	24 - 12 AWG
CSA	24 - 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

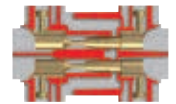
Description	Type	Part No.	P.U.
Accessories			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"1"	05.502.3100.0	1
Extraction tool		05.502.0710.0	1
Set of tools for optical fiber POF contacts		95.101.2000.0	1
Coding piece	MIN KOD 12	05.568.0353.0	20
Star jumper	MIN BR ST 12 BU	27.280.4327.0	5
Triangle jumper	MIN BR DR 12 BU	27.280.4227.0	5
Housing <i>revos</i> MINI			
			Page 132-133

Derating curve according to IEC 60512 sec. 3

revos MINI wire size 1.5 mm²

- 5-pole
- 12-pole





500 V contact inserts, screw connection

Contact inserts *revos* BASIC



6-pole + ground Size 6



10-pole + ground Size 10



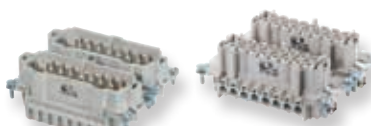
16-pole + ground Size 16



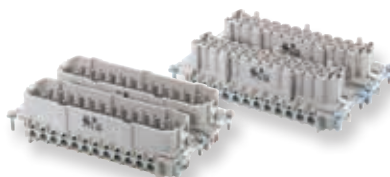
24-pole + ground Size 24



32-pole + ground Size 32



48-pole + ground Size 48

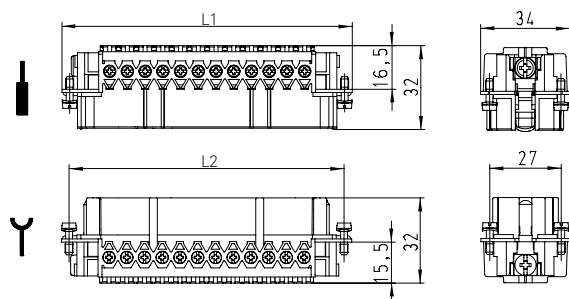


* Preparation of the wire required:
ferrule, ultrasonic welding for
flexible cables

Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 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 / recomb. 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 <i>revos</i> BASIC / <i>revos</i> BASIC M			
Size	Type	Page	
Size	6/6H	134–141, 210, 212	
Size	10/10H	142–159, 214, 216	
Size	16/16H	160–179, 218, 220	
Size	24/24H	180–199, 222, 224	
Size	32	200–201	
Size	48	202–205	

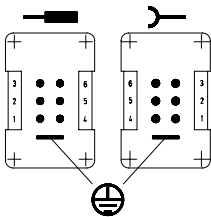
Dimensions

6-pole + ground – 24-pole + ground

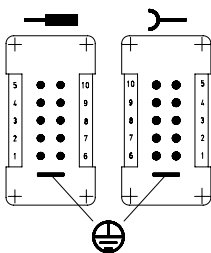


Number of poles	L1 [mm]	L2 [mm]
6	50.5	44.0
10	63.0	57.0
16	83.0	77.5
24	110.8	104.0

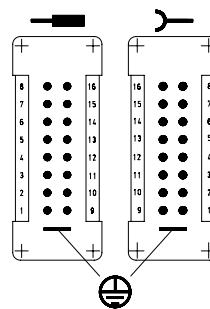
6-pole + ground



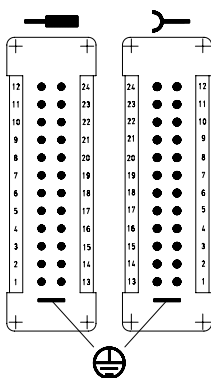
10-pole + ground



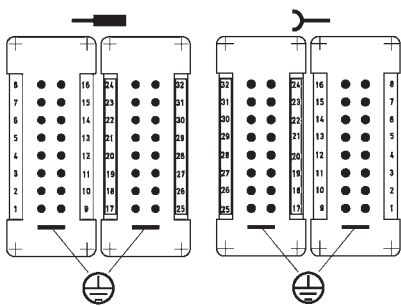
16-pole + ground



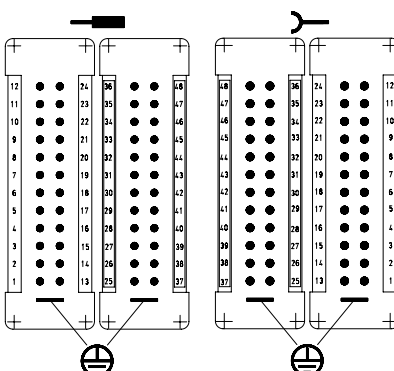
24-pole + ground



32-pole + ground



48-pole + ground

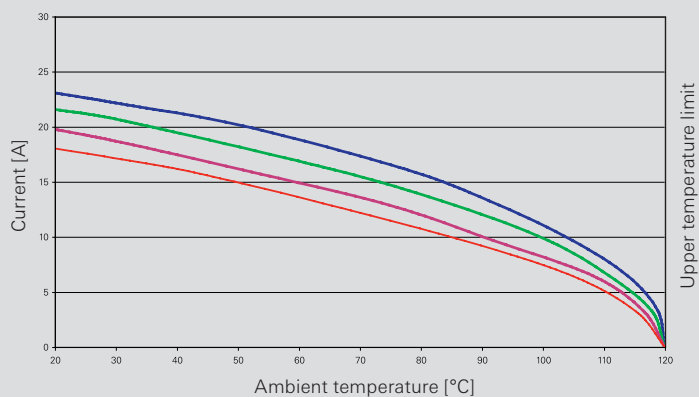


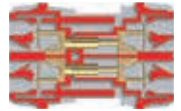
Derating curve according to IEC 60512 sec. 3

revos BASIC

Screw version 500V / 16 A / 2.5 mm²

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





500 V contact inserts, spring clamp connection

Contact inserts *revos* BASIC



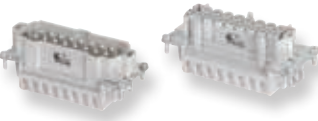
6-pole + ground Size 6



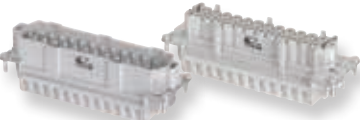
10-pole + ground Size 10



16-pole + ground Size 16



24-pole + ground Size 24



32-pole + ground Size 32



48-pole + ground Size 48



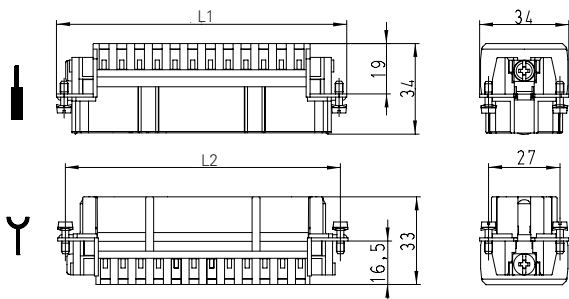
Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> BASIC 500 V			
6-pole + ground			
Male insert	BAS STF 6 2,5 50	70.510.0653.0	10
Female insert	BAS BUF 6 2,5 50	70.500.0653.0	10
Contact inserts <i>revos</i> BASIC 500 V			
10-pole + ground			
Male insert	BAS STF 10 2,5 50	70.510.1053.0	10
Female insert	BAS BUF 10 2,5 50	70.500.1053.0	10
Contact inserts <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 mm ²
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 <i>revos</i> BASIC / <i>revos</i> BASIC M			
Type		Page	
Size	6/6H	134–141, 210, 212	
Size	10/10H	142–159, 214, 216	
Size	16/16H	160–179, 218, 220	
Size	24/24H	180–199, 222, 224	
Size	32	200–201	
Size	48	202–205	

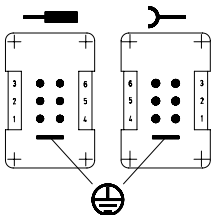
Dimensions

6-pole + ground – 24-pole + ground

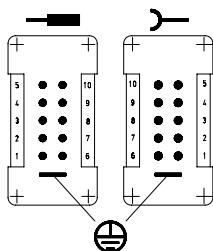


Number of poles	L1 [mm]	L2 [mm]
6	50.0	44.0
10	63.0	57.0
16	83.0	77.5
24	110.0	104.0

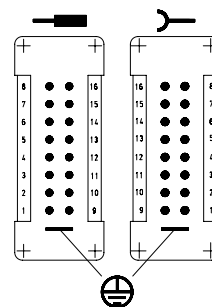
6-pole + ground



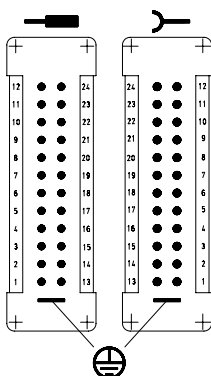
10-pole + ground



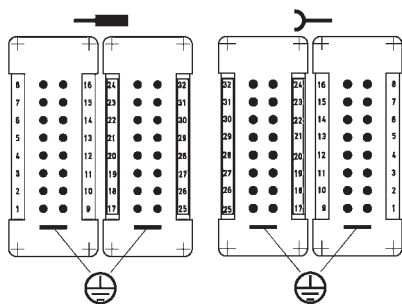
16-pole + ground



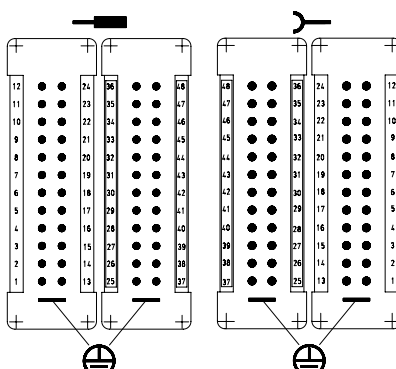
24-pole + ground



32-pole + ground

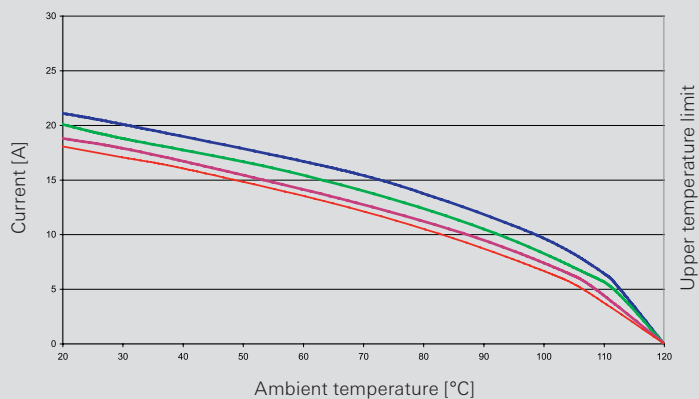


48-pole + ground

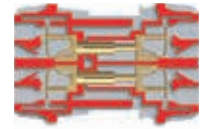


Derating curve
 according to IEC 60512 sec. 3
 revos BASIC
 Spring version
 500V / 16 A / 2.5 mm²

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



500 V contact inserts, double spring clamp connection



Contact inserts *revos* BASIC



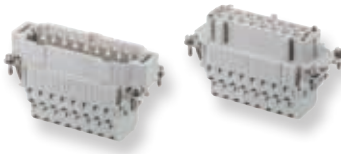
6-pole + ground Size 6H



10-pole + ground Size 10H



16-pole + ground Size 16H



24-pole + ground Size 24H



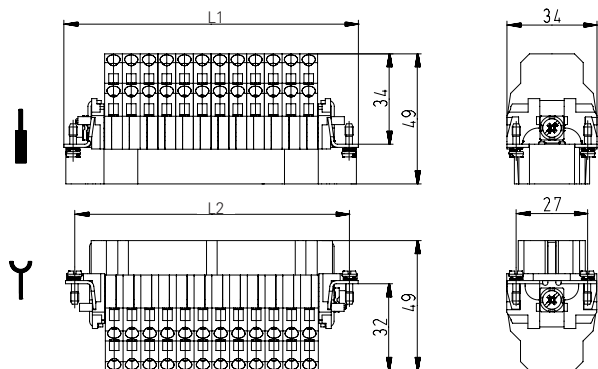
Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> BASIC 500 V			
6-pole + ground			
Male insert	BAS STM 6 2,5 50 AG	70.512.0653.0	1
Female insert	BAS BUM 6 2,5 50 AG	70.502.0653.0	1
Contact inserts <i>revos</i> BASIC 500 V			
10-pole + ground			
Male insert	BAS STM 10 2,5 50 AG	70.512.1053.0	1
Female insert	BAS BUM 10 2,5 50 AG	70.502.1053.0	1
Contact inserts <i>revos</i> 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 <i>revos</i> 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
Rated current (cURus) 6-pole	13 A
Rated current (cURus) 10/16/24-pole	10 A
Degree of pollution	3
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
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 <i>revos</i> BASIC			
Size	6H	136–137, 140–141	
Size	10H	144, 148, 154, 158	
Size	16H	162, 166, 172, 174, 175, 178	
Size	24H	182, 186, 192, 194, 195, 198	

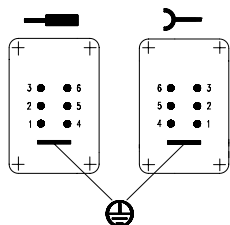
Dimensions

6-pole + ground – 24-pole + ground

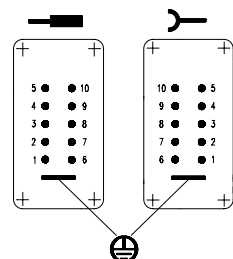


Number of poles	L1 [mm]	L2 [mm]
6	44.0	44.0
10	64.0	57.0
16	84.5	77.5
24	111.0	104.0

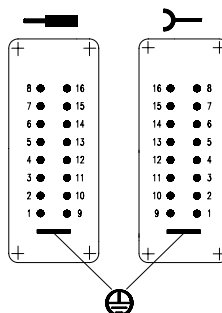
6-pole + ground



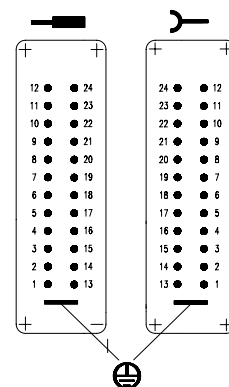
10-pole + ground



16-pole + ground



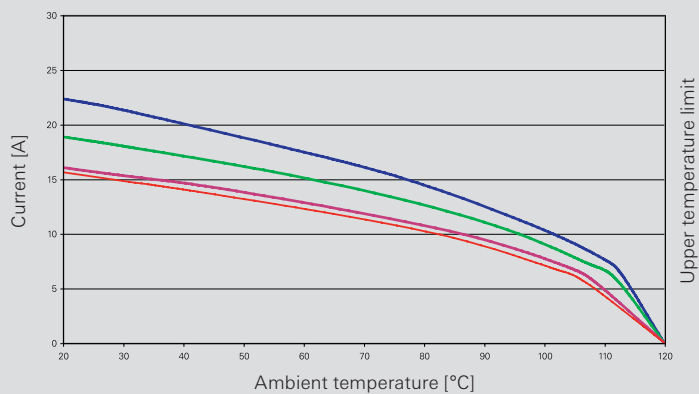
24-pole + ground

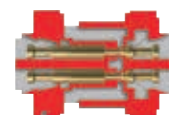


Derating curve according to IEC 60512 sec. 3

revos BASIC
Spring version with double connection
500V / 16 A / 2.5 mm²

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



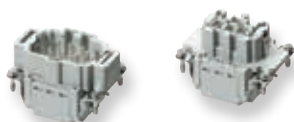


500 V contact inserts with push-in connection

Contact inserts *revos* BASIC



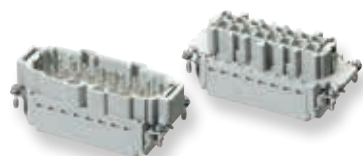
6-pole + ground Size 6



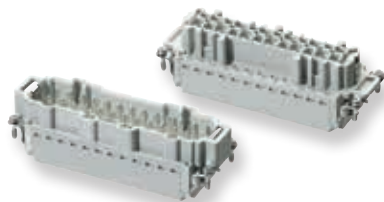
10-pole + ground Size 10



16-pole + ground Size 16



24-pole + ground Size 24



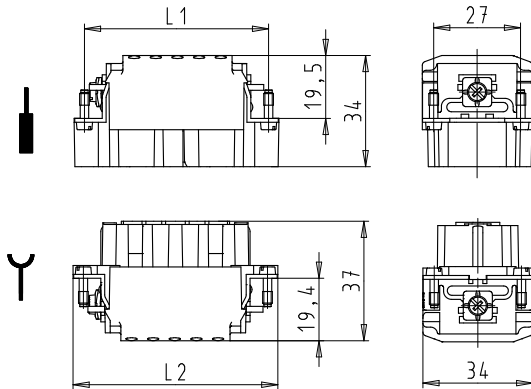
Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> BASIC 500 V			
6-pole + ground			
Male insert	BAS STP 6 2,5 50 AG	70.415.0653.0	1
Female insert	BAS BUP 6 2,5 50 AG	70.405.0653.0	1
Contact inserts <i>revos</i> BASIC 500 V			
10-pole + ground			
Male insert	BAS STP 10 2,5 50 AG	70.415.1053.0	1
Female insert	BAS BUP 10 2,5 50 AG	70.405.1053.0	1
Contact inserts <i>revos</i> BASIC 500 V			
16-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 <i>revos</i> BASIC 500 V			
24-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 mm ²
C-ULrec-US	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 / recomb. torque	
Mounting screws	H1 / 0.5 Nm
Clamping screws	-
Ground conductor screws	H2 / 1.2 Nm
Temperature range	-40 ... +120 °C

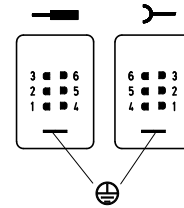
Description	Type	Part No.	P.U.
Accessories			
Test plug	ST 2 / 2,3 ROT	Z5.553.2921.0	10
Housing <i>revos</i> BASIC / <i>revos</i> BASIC M			
Type		Page	
Size	6/6H	134–141, 210, 212	
Size	10/10H	142–159, 214, 216	
Size	16/16H	160–179, 218, 220	
Size	24/24H	180–199, 222, 224	

Dimensions

6-polig + PE – 24-polig + PE

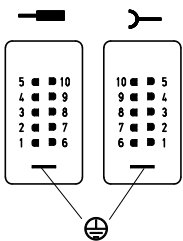


6-pole + ground

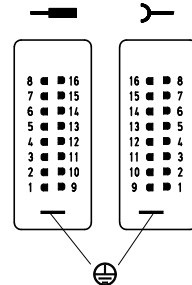


Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.4
16	77.1	83.5
24	104.0	110.3

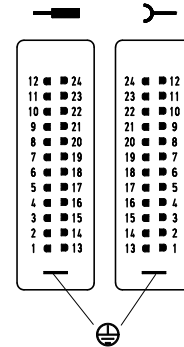
10-pole + ground



16-pole + ground



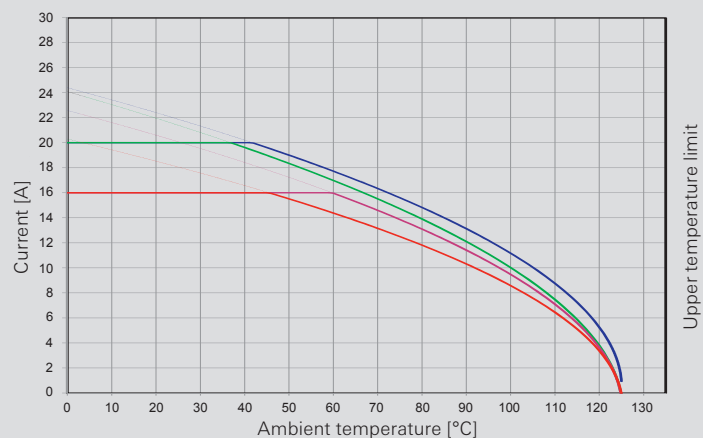
24-pole + ground

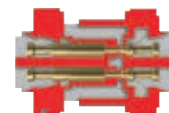


Derating curve according to IEC 60512 sec. 3

revos BASIC
Push-in Connection

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





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



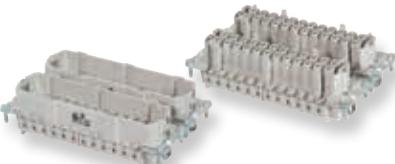
24-pole + ground Size 24



32-pole + ground Size 32



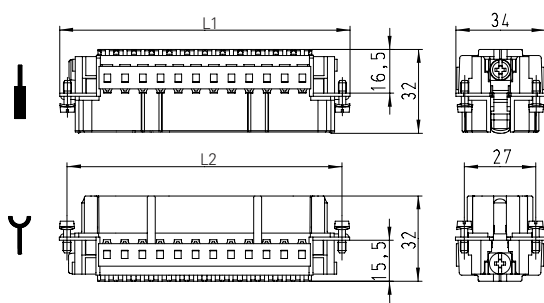
48-pole + ground Size 48



Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 / recomb. 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 <i>revos</i> BASIC / <i>revos</i> BASIC M			
	Type	Page	
Size	6/6H	134–141, 210, 212	
Size	10/10H	142–159, 214, 216	
Size	16/16H	160–179, 218, 220	
Size	24/24H	180–199, 222, 224	
Size	32	200–201	
Size	48	202–205	

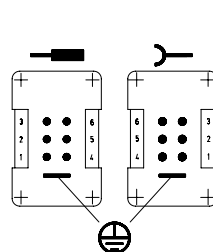
Dimensions

6-pole + ground – 24-pole + ground

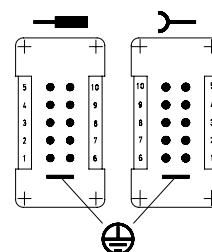


Number of poles	L1 [mm]	L2 [mm]
6	50.0	44.0
10	63.0	57.0
16	83.0	77.5
24	110.0	104.0

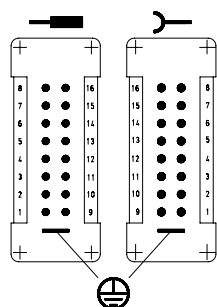
6-pole + ground



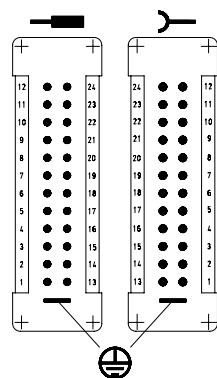
10-pole + ground



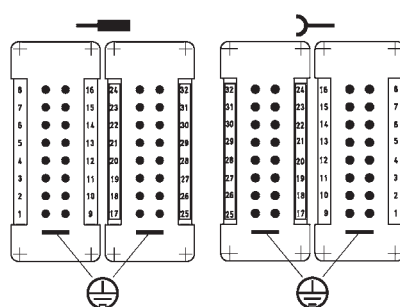
16-pole + ground



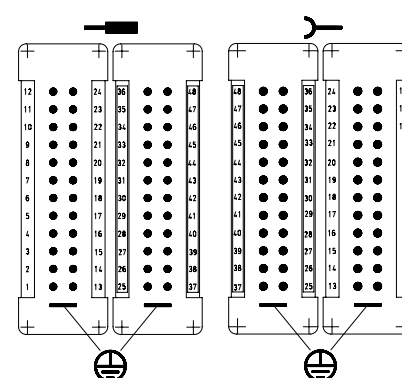
24-pole + ground



32-pole + ground

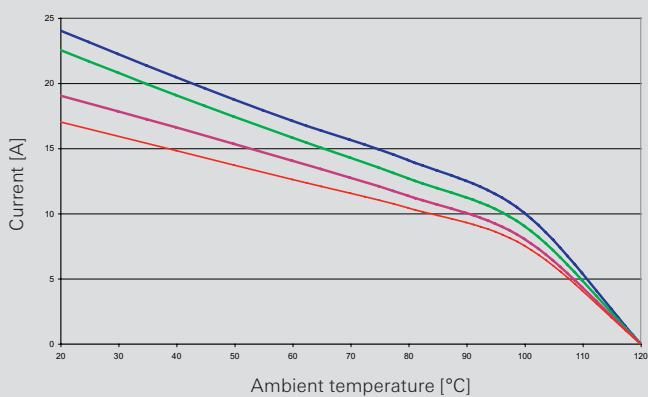


48-pole + ground



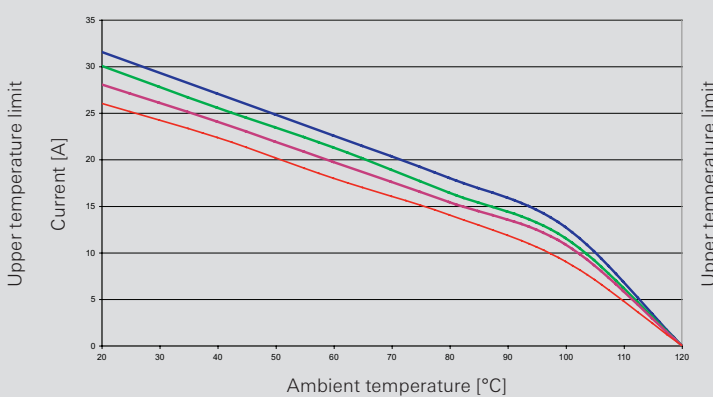
Derating curve according to IEC 60512 sec. 3

revosBASIC crimp version 500V / 16 A / 1.5 mm²

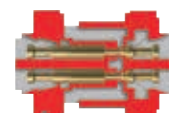


Derating curve according to IEC 60512 sec. 3

revosBASIC crimp version 500V / 16 A / 2.5 mm²



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



500 V contact inserts with crimp connection

Contact inserts *revos* BASIC EE



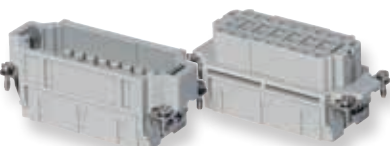
10-pole + ground Size 6/6H



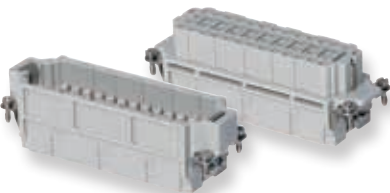
18-pole + ground Size 10/10H



32-pole + ground Size 16/16H



46-pole + ground Size 24/24H



Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> BASIC EE 500 V			
Male insert	10-pole + ground BAS STCK 10 50	70.810.1056.0	1
Female insert	BAS BUCK 10 50	70.800.1056.0	1
Contact inserts <i>revos</i> BASIC EE 500 V			
Male insert	18-pole + ground BAS STCK 18 50	70.810.1856.0	1
Female insert	BAS BUCK 18 50	70.800.1856.0	1
Contact inserts <i>revos</i> BASIC EE 500 V			
Male insert	32-pole + ground BAS STCK 32 50	70.810.3256.0	1
Female insert	BAS BUCK 32 50	70.800.3256.0	1
Contact inserts <i>revos</i> BASIC EE 500 V			
Male insert	46-pole + ground 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	silver-plated xx = 02 / gold-plated xx = 01		

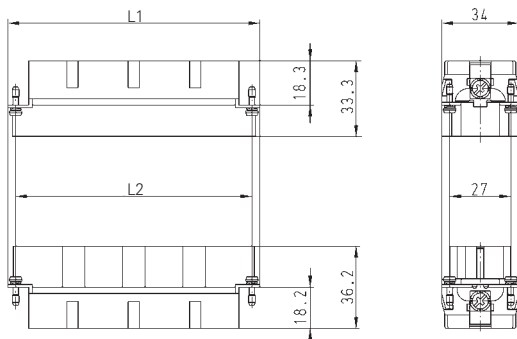
Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 - 4 mm ²
UL	20 - 12 AWG
CSA	20 - 12 AWG
Contacts	
Material	Copper alloy
Surface	Ag, Au
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	Sn 200 / Ag, Au 500
Screws	
head design / recomb. 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 <i>revos</i> BASIC / <i>revos</i> BASIC M		Type	Page
Size	6/6H	134-141, 210, 212	
Size	10/10H	142-159, 214, 216	
Size	16/16H	160-179, 218, 220	
Size	24/24H	180-199, 222, 224	



Dimensions

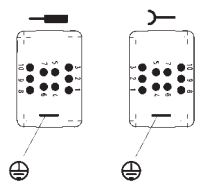
10-pole + ground – 46-pole + ground



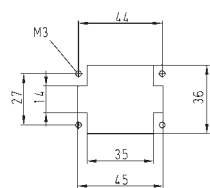
Number of poles	L1 [mm]	L2 [mm]
10	44.0	44.0
18	64.0	57.0
32	84.5	77.5
46	111.0	104.0

10-pole + ground

Connection side

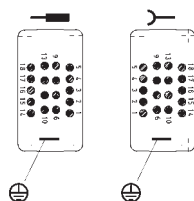


Cut-out

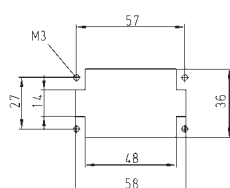


18-pole + ground

Connection side

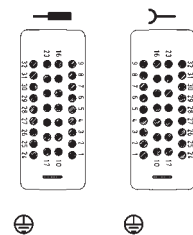


Cut-out

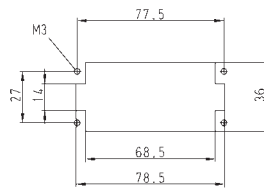


32-pole + ground

Connection side

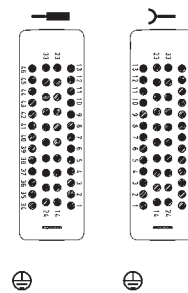


Cut-out

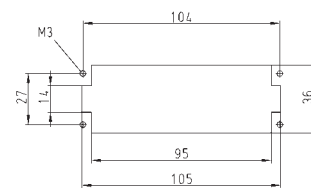


46-pole + ground

Connection side

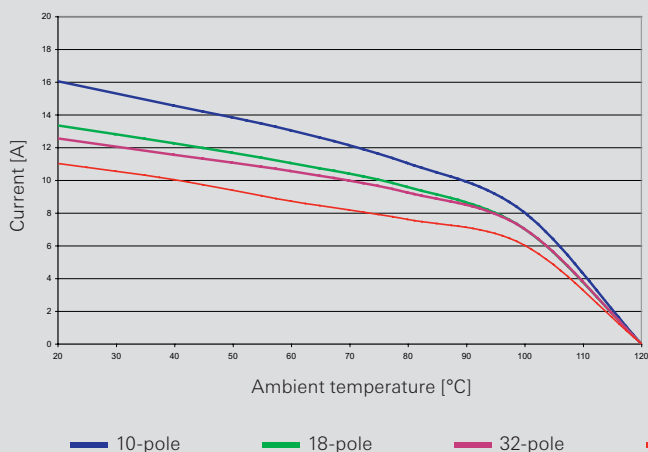


Cut-out



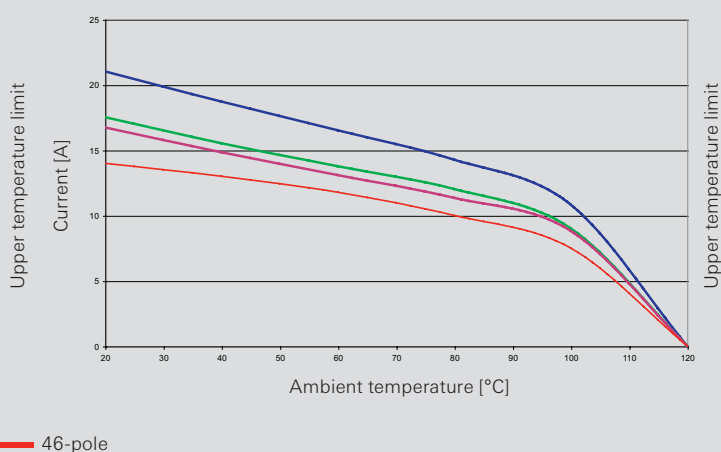
Derating curve according to IEC 60512 sec. 3

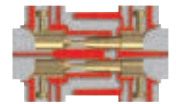
revosBASIC EE 500V / 16 A / 1.5 mm²



Derating curve according to IEC 60512 sec. 3

revosBASIC EE 500V / 16 A / 2.5 mm²





500 V multipole adapter with screw connection

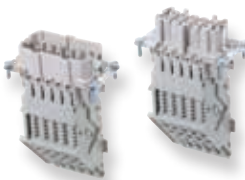
Multipole adapter *revos* BASIC



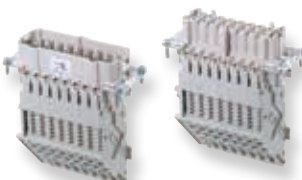
6-pole + ground
Size 6



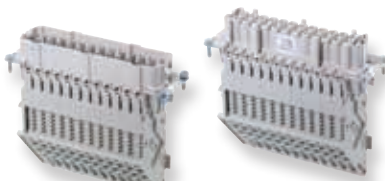
10-pole + ground
Size 10



16-pole + ground
Size 16



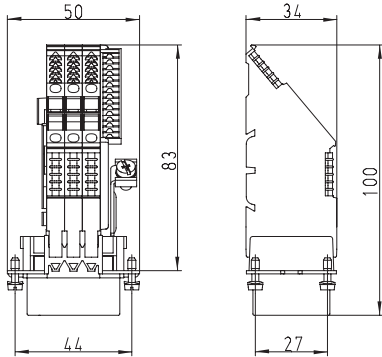
24-pole + ground
Size 24



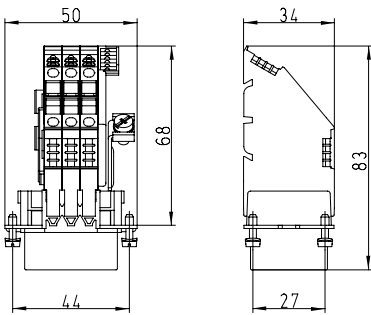
Description	Type	Part No.	P.U.
Multipole adapter <i>revos</i> BASIC 500 V	6-pole + ground		
Long design (6 marking fields)			
Male insert, ground right	BAS SAS LR 6 4,0 50	70.115.0653.3	10
Female insert, ground right	BAS BAS LR 6 4,0 50	70.105.0653.3	10
Male insert, ground left	BAS SAS LL 6 4,0 50	70.110.0653.3	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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 mm ²		
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 <i>revos</i> BASIC			
Type		Page	
Size	6	138	
Size	10	146, 156	
Size	16	164, 176	
Size	24	184, 196	

Dimensions

6-pole + ground

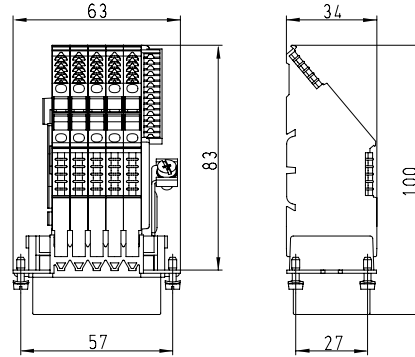


Long design

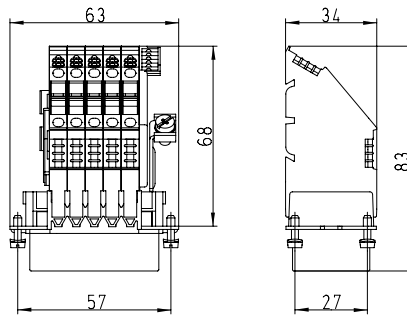


Short design

10-pole + ground

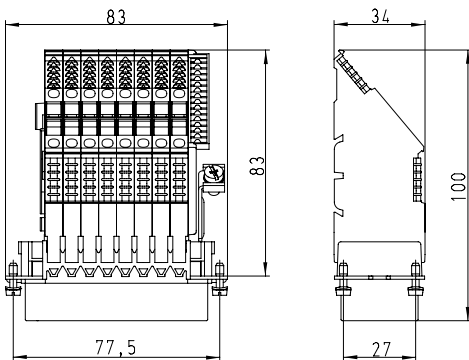


Long design

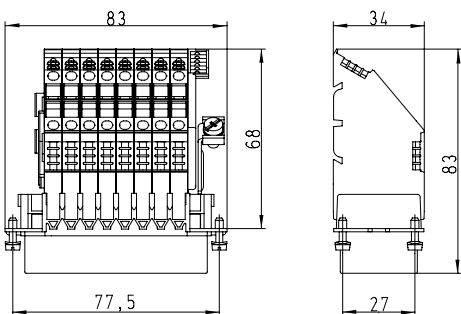


Short design

16-pole + ground

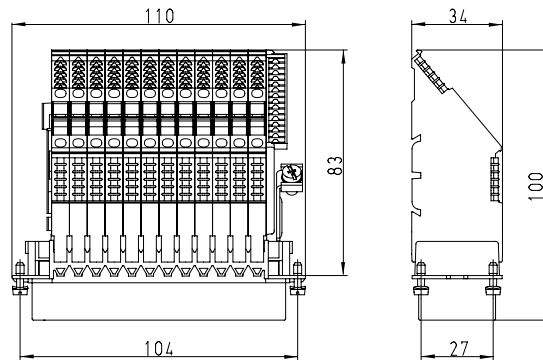


Long design

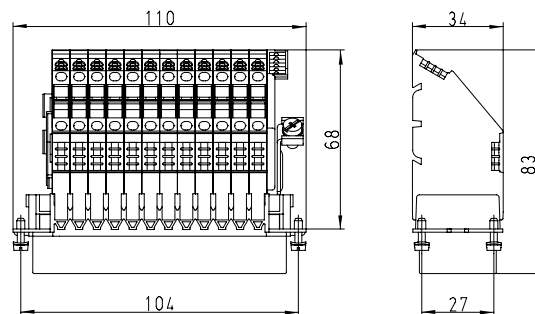


Short design

24-pole + ground



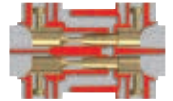
Long design



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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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

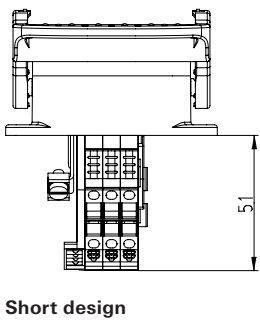
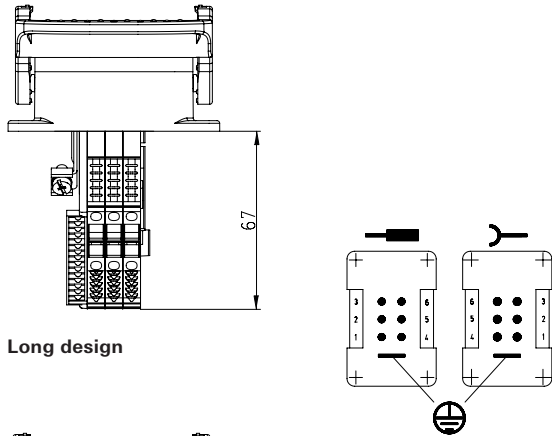
Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 4 mm ²
UL	20 – 12 AWG
CSA	20 – 12 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	12 mm
Contact resistance	≤ 3 mΩ
Mating cycles	200
Screws	
	head design / recomb. 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.

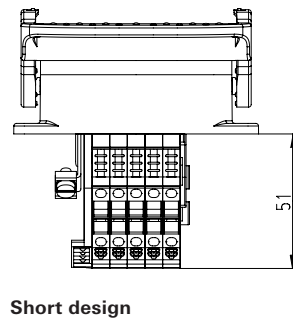
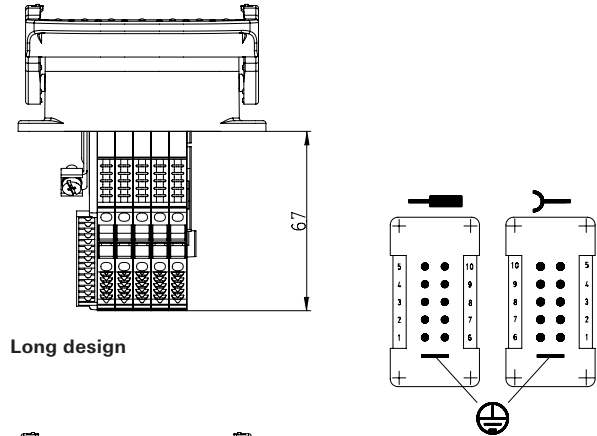
Coding accessories can be found on page 268–271.

Dimensions

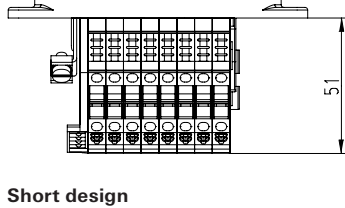
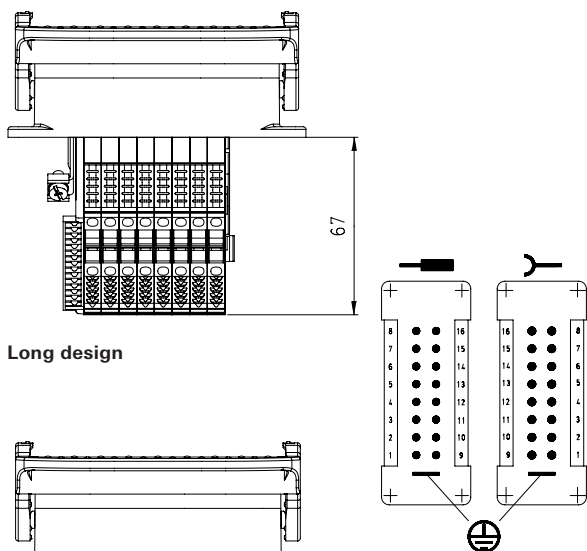
6-pole + ground



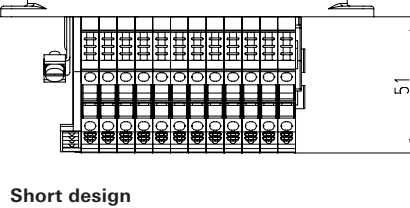
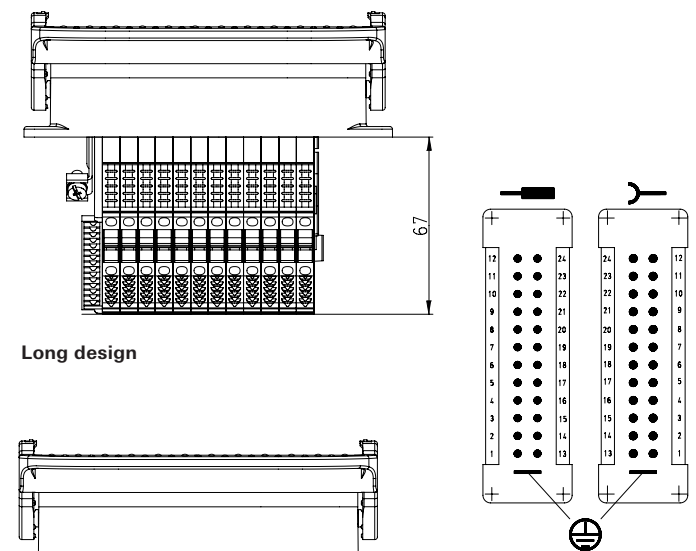
10-pole + ground



16-pole + ground

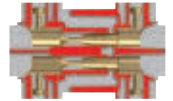


24-pole + ground



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



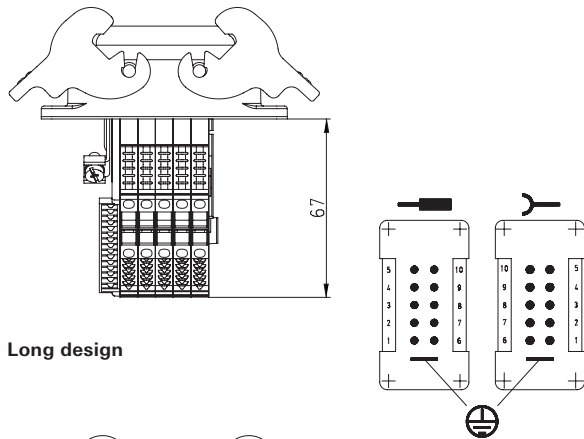
Description	Type	Part No.	P.U.
Multipole adapter <i>revos</i> BASIC 500 V	10-pole + ground		
Long design (6 marking fields)			
Male insert, ground right	BAS GAZSHRS 10 4,0 50	70.955.1053.3	10
Female insert, ground right	BAS GAZSHRB 10 4,0 50	70.945.1053.3	10
Male insert, ground left	BAS GAZSHLS 10 4,0 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 <i>revos</i> 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 <i>revos</i> 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 mm ²		
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.

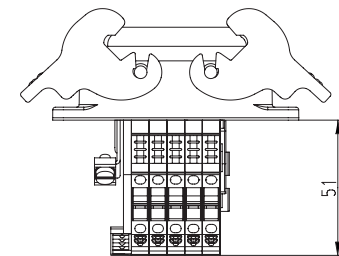
Coding accessories can be found on page 268–271.

Dimensions

10-pole + ground

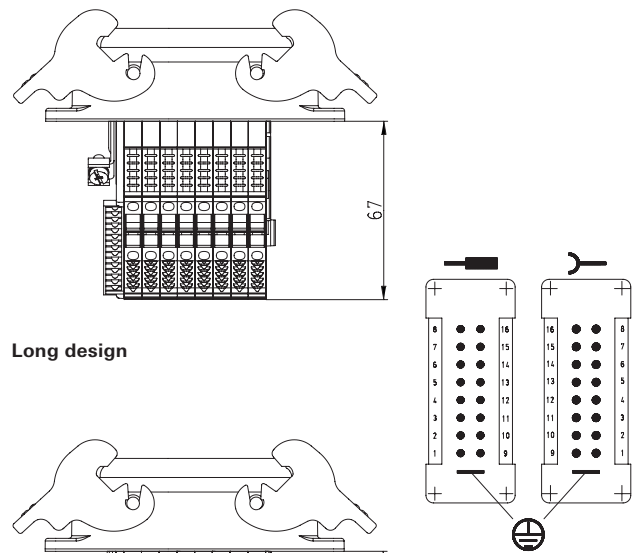


Long design

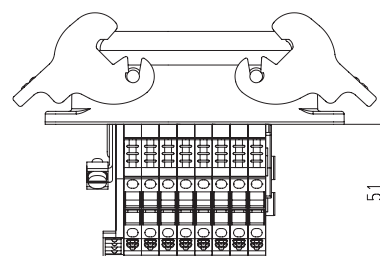


Short design

16-pole + ground

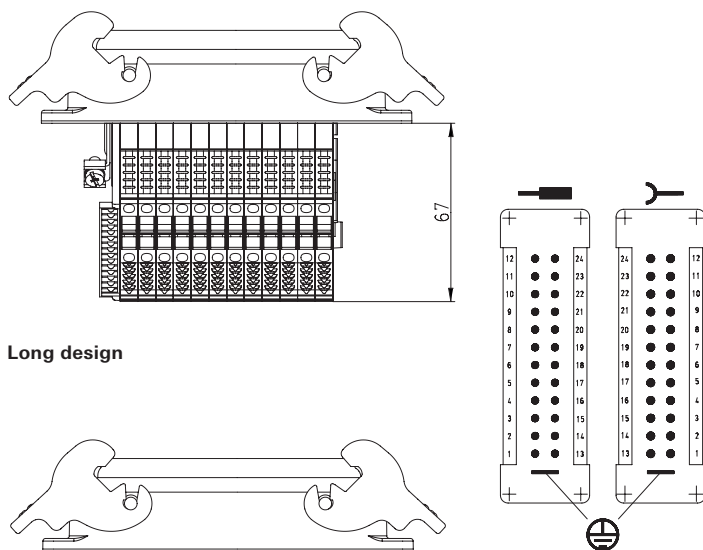


Long design

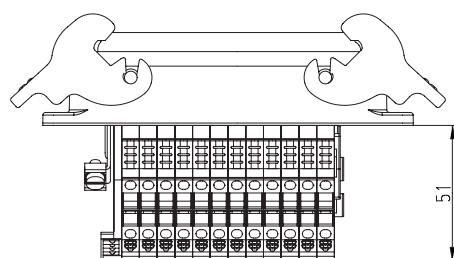


Short design

24-pole + ground



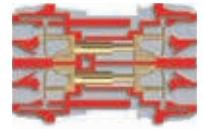
Long design



Short design



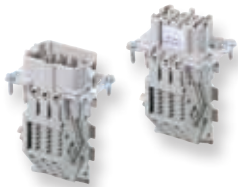
500 V multipole adapter with spring clamp connection



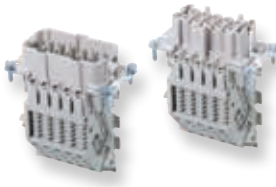
Multipole adapter *revos* BASIC



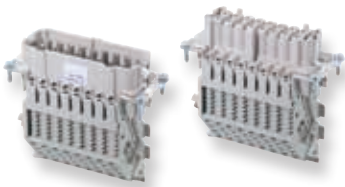
6-pole + ground Size 6



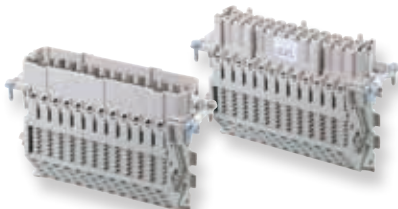
10-pole + ground Size 10



16-pole + ground Size 16



24-pole + ground Size 24



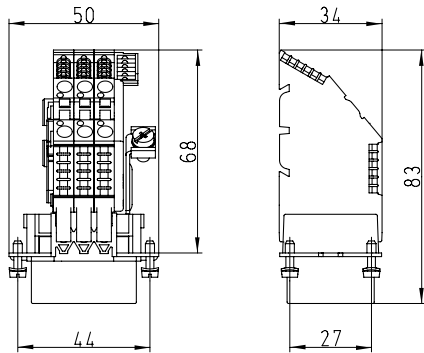
Description	Type	Part No.	P.U.
Multipole adapter <i>revos</i> BASIC 500 V	6-pole + ground		
Short design (6 marking fields)			
Male insert, ground right	BAS SAF KR 6 2,5 50	70.116.0653.0	10
Female insert, ground right	BAS BAF KR 6 2,5 50	70.106.0653.0	10
Male insert, ground left	BAS SAF KL 6 2,5 50	70.111.0653.0	10
Female insert, ground left	BAS BAF KL 6 2,5 50	70.101.0653.0	10
Multipole adapter <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 mm ²
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

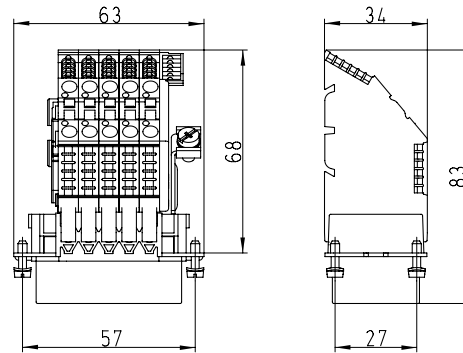
Description	Type	Part No.	P.U.
Accessories			
Screwdriver blade	DIN 5264 A 0,6 x 3,5	06.502.4000.0	5
Open-bottom base <i>revos</i> BASIC	Type	Page	
Size	6	138	
Size	10	146, 156	
Size	16	164, 176	
Size	24	184, 196	

Dimensions

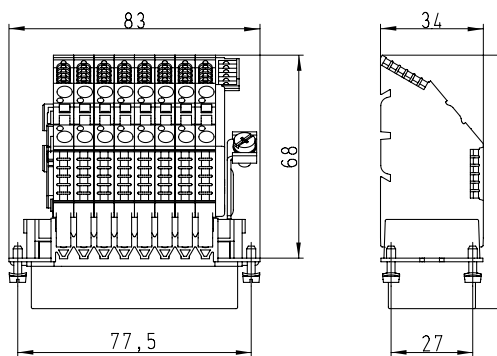
6-pole + ground



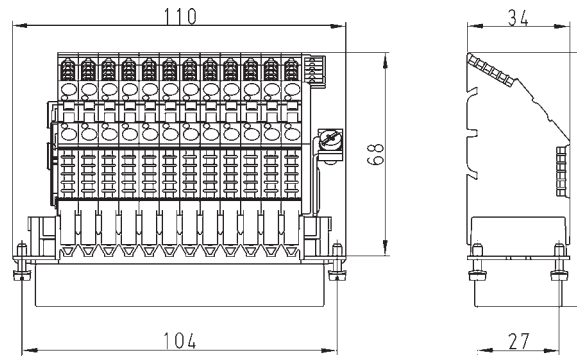
10-pole + ground

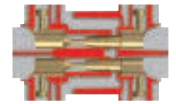


16-pole + ground



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



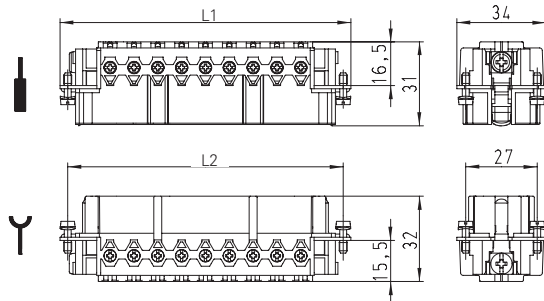
16-pole + 2 switching contacts + ground, Size 24



Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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
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 mm ²		
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 <i>revos</i> BASIC / <i>revos</i> BASIC M			
		Type	Page
Housing Size	10/10H	142–159, 214, 216	
Housing Size	16/16H	160–179, 218, 220	
Housing Size	24/24H	180–199, 222, 224	

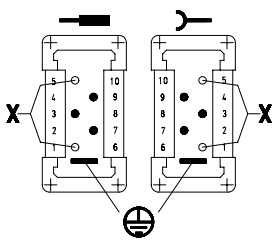
Dimensions

3-pole + ground – 16-pole + ground

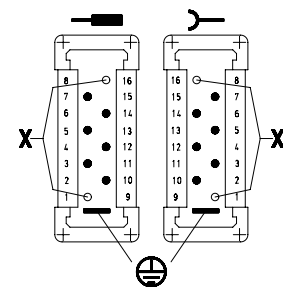


Number of poles	L1 [mm]	L2 [mm]
3	63.0	57.0
6	83.0	77.5
10	110.0	104.0
16	110.0	104.0

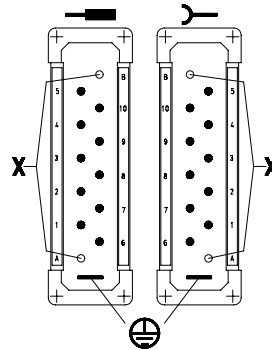
3-pole + ground



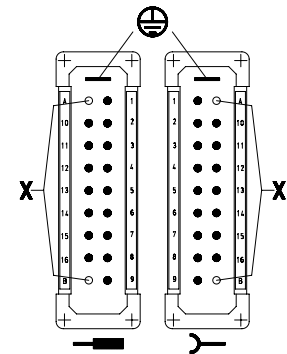
6-pole + ground



10-pole + ground



16-pole + ground

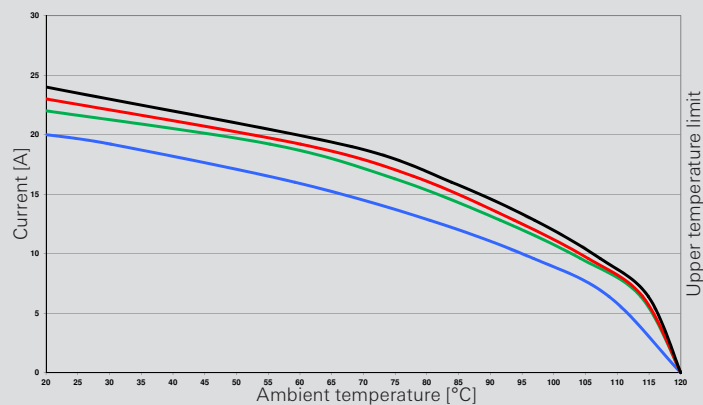


X = shortened switching contacts

Derating curve according to IEC 60512 sec. 3

revos BASIC
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



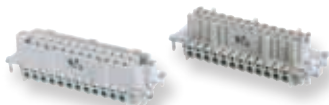
10-pole + ground Size 10



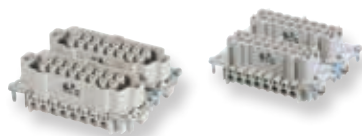
16-pole + ground Size 16



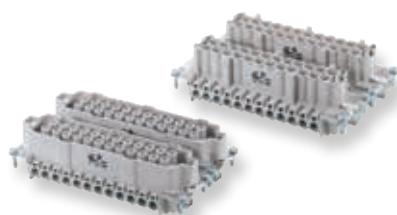
24-pole + ground Size 24



32-pole + ground Size 32



48-pole + ground Size 48



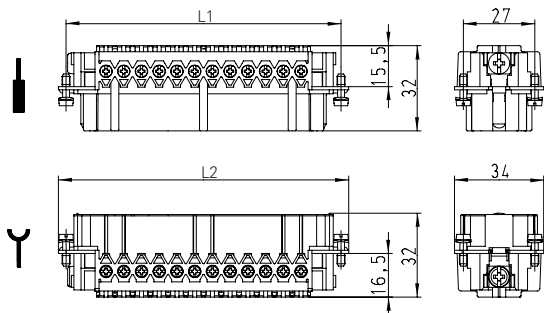
Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> BASIC 690 V			
6-pole + ground			
Male insert	BAS STS 6 2,5 69	72.310.0653.0	10
Female insert	BAS BUS 6 2,5 69	72.300.0653.0	10
Contact inserts <i>revos</i> BASIC 690 V			
10-pole + ground			
Male insert	BAS STS 10 2,5 69	72.310.1053.0	10
Female insert	BAS BUS 10 2,5 69	72.300.1053.0	10
Contact inserts <i>revos</i> 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 <i>revos</i> 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 69	72.300.2453.0	10
Contact inserts <i>revos</i> 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 <i>revos</i> 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 mm ²
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 <i>revos</i> BASIC / <i>revos</i> BASIC M	Type	Page
Size	6/6H	134–141, 210, 212
Size	10/10H	142–159, 214, 216
Size	16/16H	160–179, 218, 220
Size	24/24H	180–199, 222, 224
Size	32	200–201
Size	48	202–205

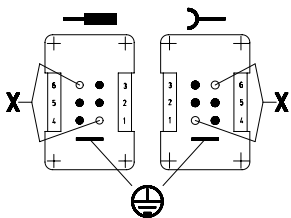
Dimensions

6-pole + ground – 24-pole + ground

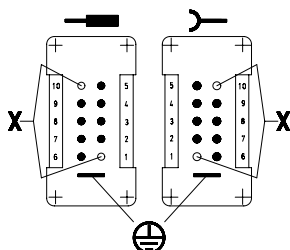


Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.0
16	77.5	83
24	104.0	110.0
32	77.5	83
48	104.0	110.0

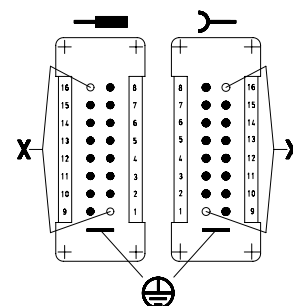
6-pole + ground



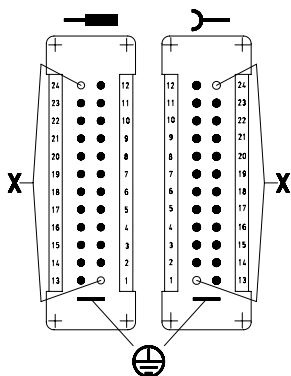
10-pole + ground



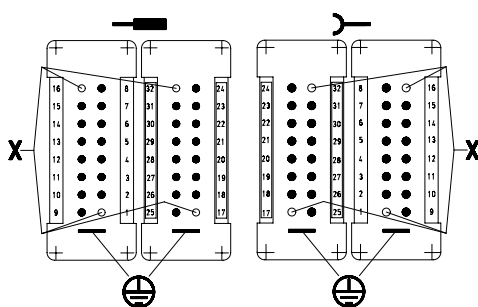
16-pole + ground



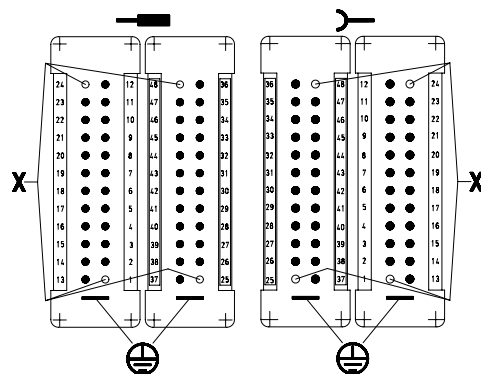
24-pole + ground



32-pole + ground



48-pole + ground

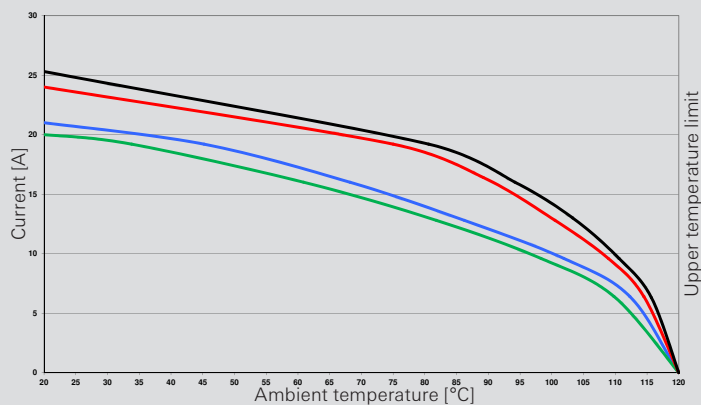


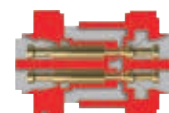
X = shortened switching contacts

Derating curve according to IEC 60512 sec. 3

revos BASIC
Screw version
2.5 mm²

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





690 V contact inserts, crimp connection

Contact inserts *revos* BASIC



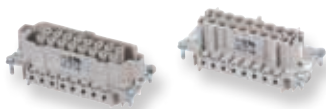
6-pole + ground Size 6



10-pole + ground Size 10



16-pole + ground Size 16



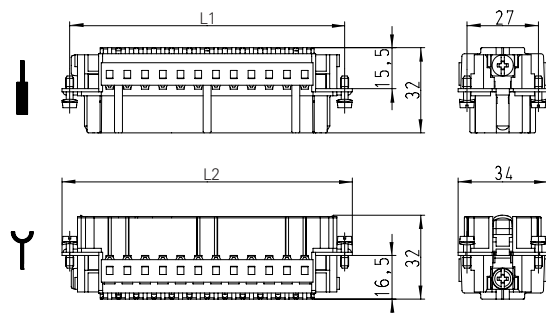
24-pole + ground Size 24



Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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
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 <i>revos</i> BASIC / <i>revos</i> BASIC M			
	Type	Page	
Size	6/6H	134-141, 210, 212	
Size	10/10H	142-159, 214, 216	
Size	16/16H	160-179, 218, 220	
Size	24/24H	180-199, 222, 224	

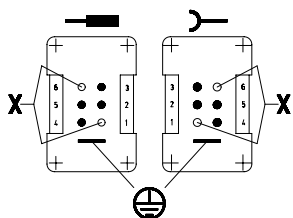
Dimensions

6-pole + ground – 24-pole + ground

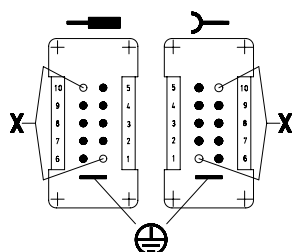


Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.0
16	77.0	83
24	104.0	110.0

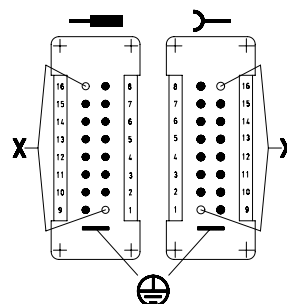
6-pole + ground



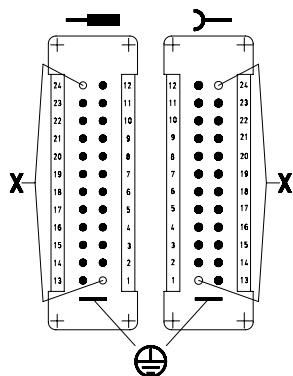
10-pole + ground



16-pole + ground



24-pole + ground

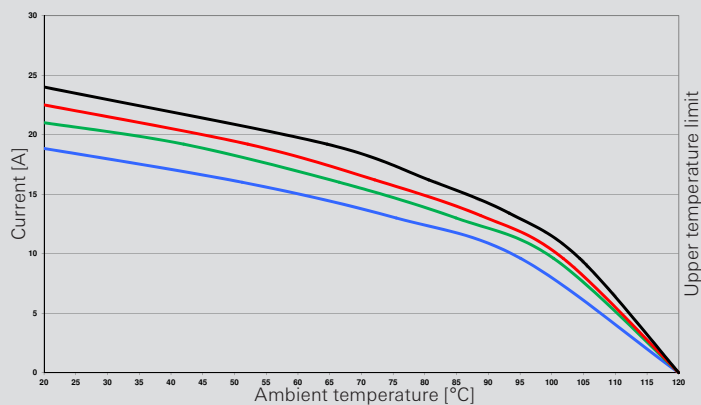


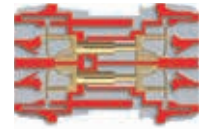
X = shortened switching contacts

Derating curve according to IEC 60512 sec. 3

revos BASIC
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



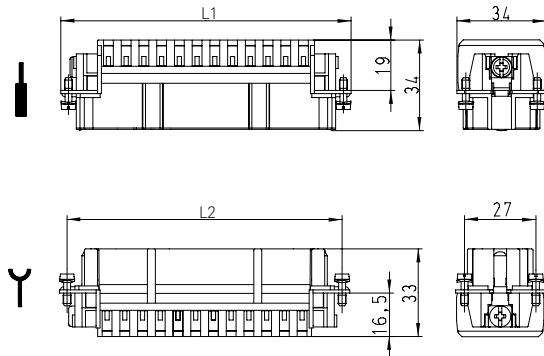
Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> BASIC 830 V			
3-pole + ground			
Male insert	BAS STF 3 2,5 83 AG	70.516.0353.0	10
Female insert	BAS BUF 3 2,5 83 AG	70.506.0353.0	10
Contact inserts <i>revos</i> BASIC 830 V			
6-pole + ground			
Male insert	BAS STF 6 2,5 83 AG	70.516.0653.0	10
Female insert	BAS BUF 6 2,5 83 AG	70.506.0653.0	10
Contact inserts <i>revos</i> 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

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 mm ²
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 <i>revos</i> BASIC / <i>revos</i> BASIC M			
Type		Page	
Size	10/10H	142–159, 214, 216	
Size	16/16H	160–179, 218, 220	
Size	24/24H	180–199, 222, 224	

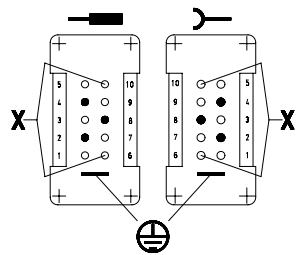
Dimensions

3-pole + 2 switching contacts + ground – 10-pole + 2 switching contacts + ground

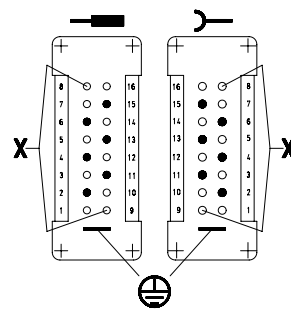


Number of poles	L1 [mm]	L2 [mm]
3	63.0	57.0
6	83.0	77.5
10	110.0	104.0

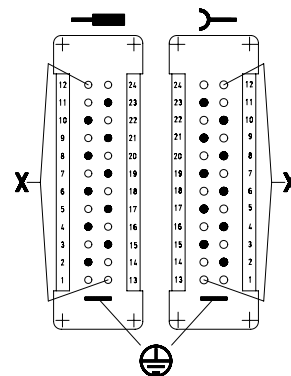
3-pole + 2 switching contacts + ground



6-pole + 2 switching contacts + ground



10-pole + 2 switching contacts + ground

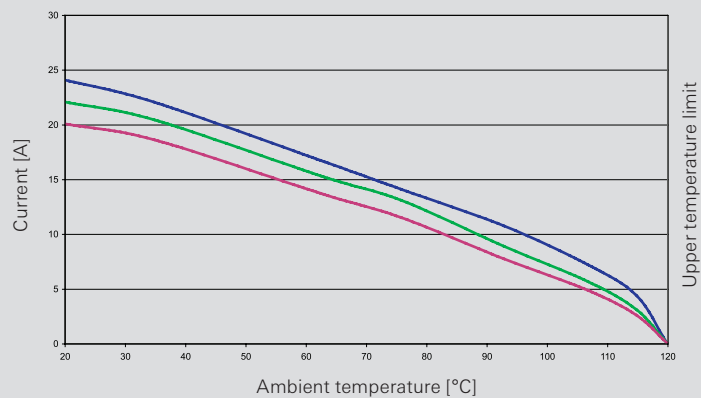


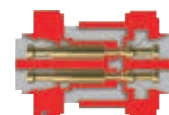
X = shortened switching contacts

Derating curve according to IEC 60512 sec. 3

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

- 3+2-pole
- 6+2-pole
- 10+2-pole





250 V contact inserts, with crimp connection

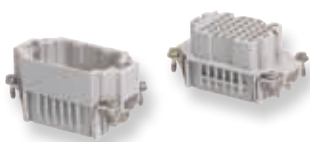
Contact inserts *revos* DD



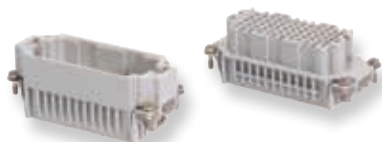
24-pole + ground Size 6/6H



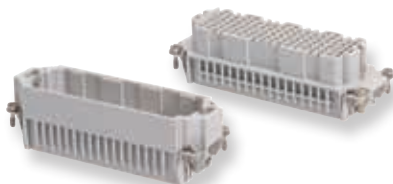
42-pole + ground Size 10/10H



72-pole + ground Size 16/16H



108-pole + ground Size 24/24H



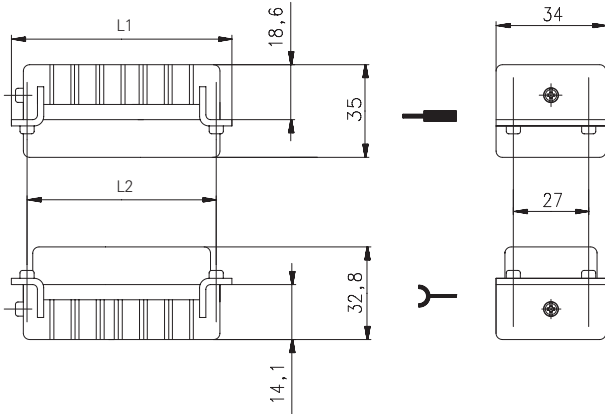
Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> DD 250 V			
24-pole + ground			
Male insert	DD STC 24 1,5 25	73.810.2453.0	10
Female insert	DD BUC 24 1,5 25	73.800.2453.0	10
Contact inserts <i>revos</i> DD 250 V			
42-pole + ground			
Male insert	DD STC 42 1,5 25	73.810.4253.0	10
Female insert	DD BUC 42 1,5 25	73.800.4253.0	10
Contact inserts <i>revos</i> 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 <i>revos</i> 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	
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	"B"	05.502.2100.0	1
Contact positioner	"1"	05.502.3100.0	1
Extraction tool		05.502.0710.0	1
Housing <i>revos</i> BASIC / <i>revos</i> BASIC M			
	Type	Page	
Size	6/6H	134–141, 210, 212	
Size	10/10H	142–159, 214, 216	
Size	16/16H	160–179, 218, 220	
Size	24/24H	180–199, 222, 224	

Dimensions

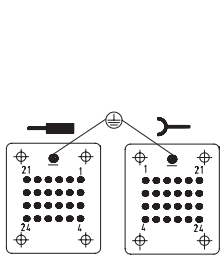
24-pole + ground – 108-pole + ground



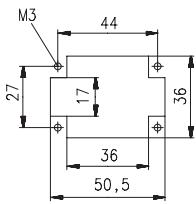
Number of poles	L1 [mm]	L2 [mm]
24	50.5	44.0
42	63.5	57.0
72	84	77.5
108	110.5	104.0

24-pole + ground

Connection side

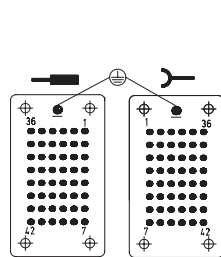


Cut-out

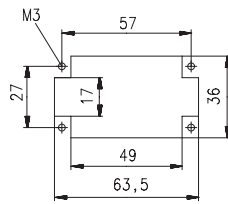


42-pole + ground

Connection side

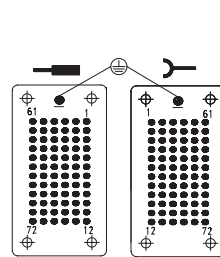


Cut-out

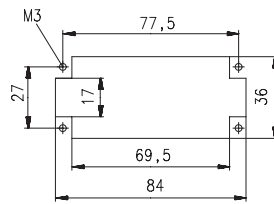


72-pole + ground

Connection side

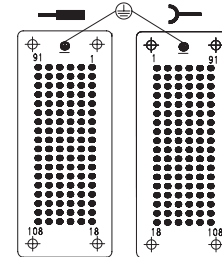


Cut-out

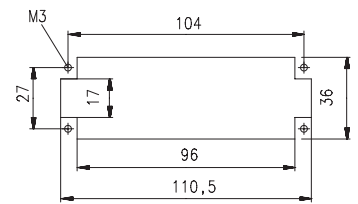


108-pole + ground

Connection side

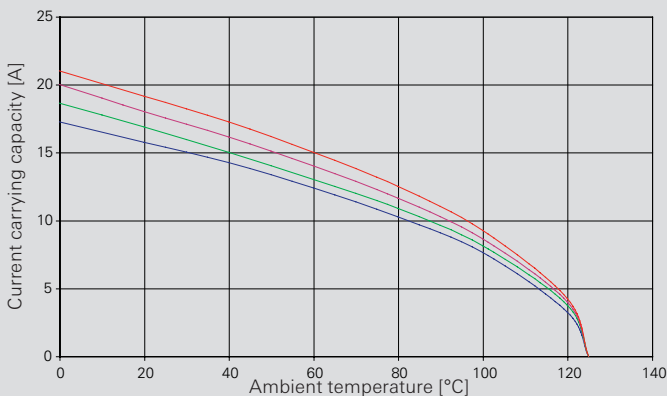


Cut-out



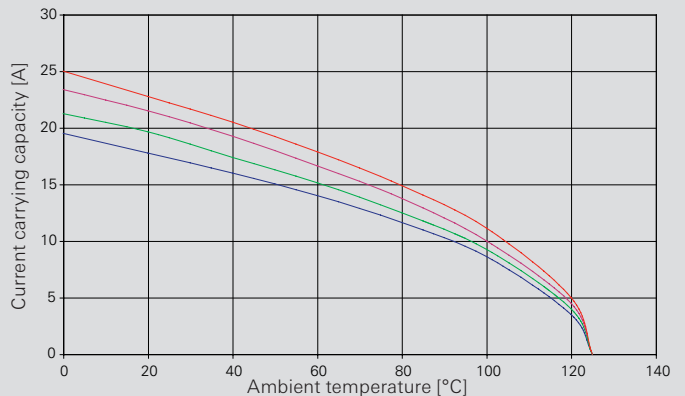
Derating curve according to IEC 60512 sec. 3

revos^{DD} 250V / 10 A / 1.5 mm²



Derating curve according to IEC 60512 sec. 3

revos^{DD} 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



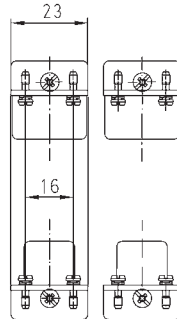
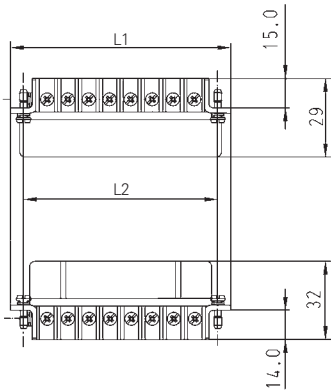
Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> HD 250 V			
10-pole + ground			
Male insert	HD STS 10 2,5 25 AG	73.310.1053.0	10
Female insert	HD BUS 10 2,5 25 AG	73.300.1053.0	10
Contact inserts <i>revos</i> HD 250 V			
16-pole + ground			
Male insert	HD STS 16 2,5 25 AG	73.310.1653.0	10
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 <i>revos</i> 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 <i>revos</i> HD			
Type			Page
Size	10/15	226–229	
Size	16/25	230–233	
Size	32/50	234–239	

* Solid

** Fine stranded

Dimensions

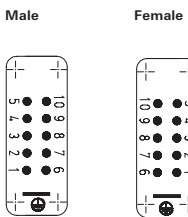
10-pole + ground – 32-pole + ground



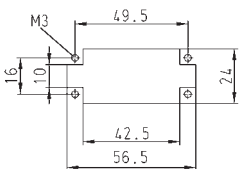
Number of poles	L1 [mm]	L2 [mm]
10	56.5	49.5
16	73.0	66.0
32	73.0	66.0

10-pole + ground

Connection side

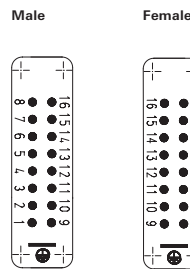


Cut-out

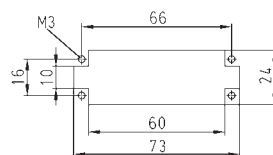


16-pole + ground

Connection side

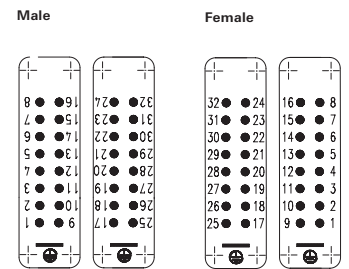


Cut-out

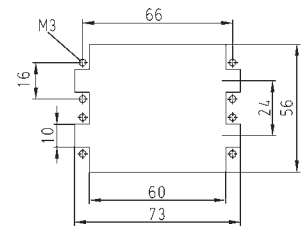


32-pole + ground

Connection side

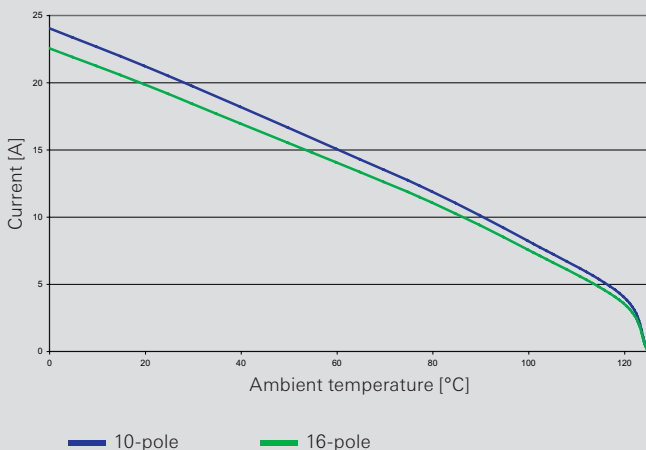


Cut-out



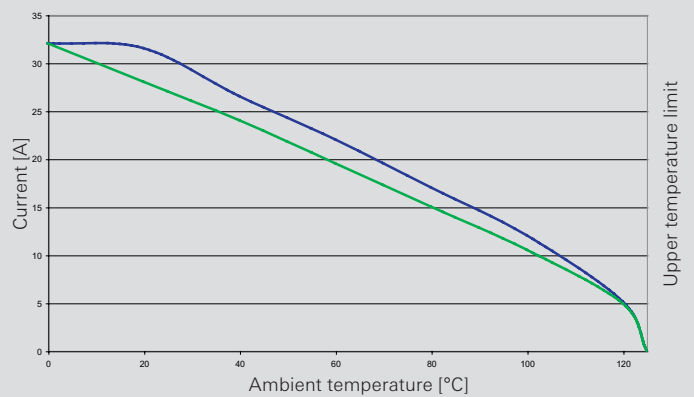
Derating curve according to IEC 60512 sec. 3

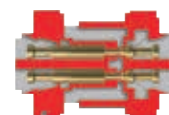
revos HD 10/16 250 V / 16 A / 1.5 mm²



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

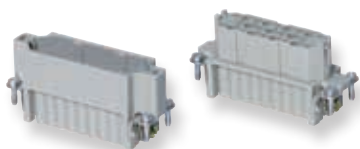
Contact inserts *revos* HD



15-pole + ground Size 10/15



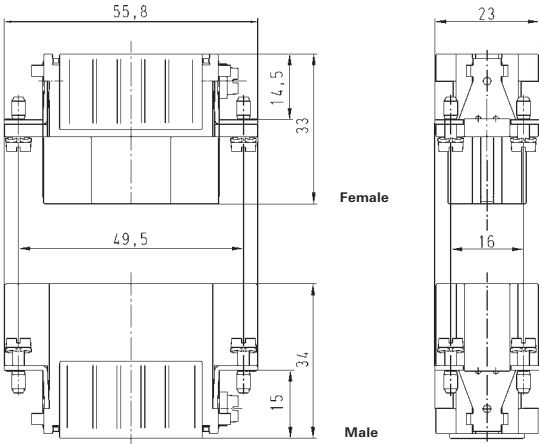
25-pole + ground Size 16/25, 32/50



Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> 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 <i>revos</i> 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			
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 <i>revos</i> HD			
	Type	Page	
Size	10/15	226–229	
Size	16/25	230–233	
Size	32/50	234–239	

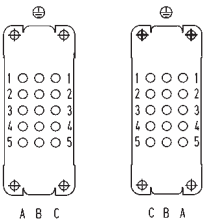
Dimensions

15-pole + ground

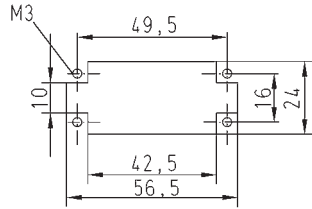


Connection side

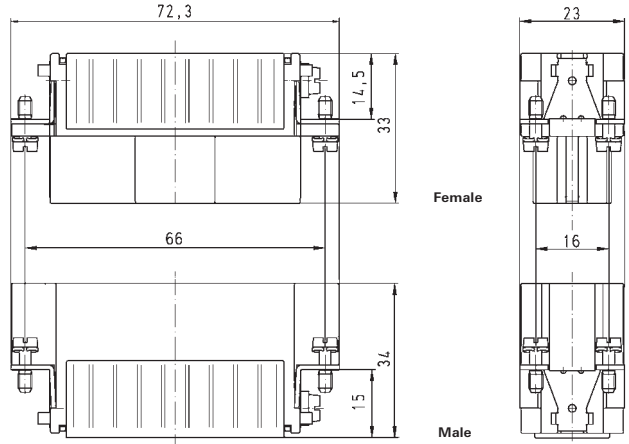
Male Female



Cut-out

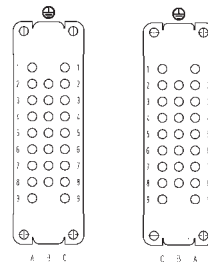


25-pole + ground

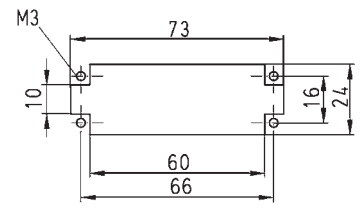


Connection side

Male Female

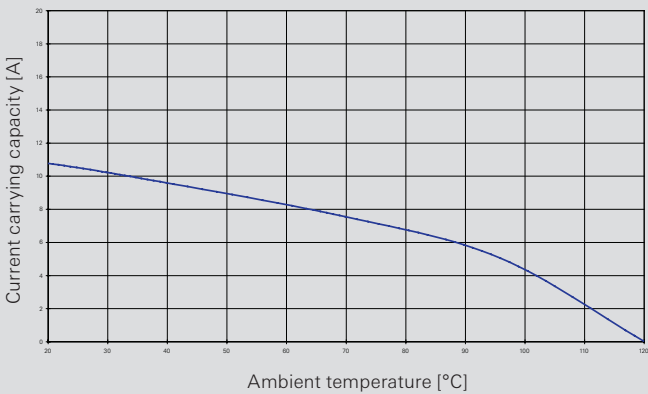


Cut-out



Derating curve according to IEC 60512 sec. 3

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

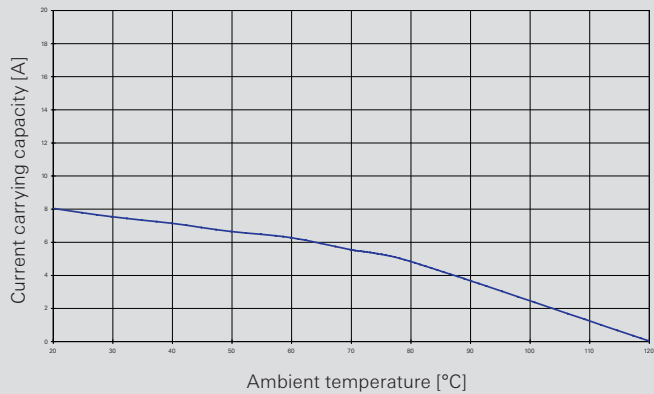


Corrected current AC [A]

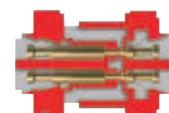
Upper temperature limit

Derating curve according to IEC 60512 sec. 3

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



Upper temperature limit

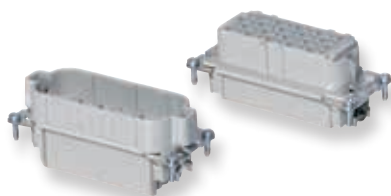


250 V contact inserts, with crimp connection

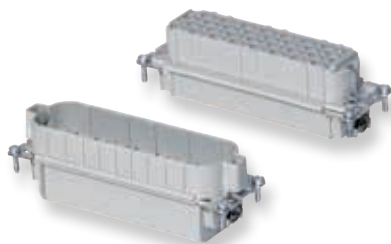
Contact inserts *revos*^{HD}



40-pole + ground Size 16



64-pole + ground Size 24



80-pole + ground Size 32

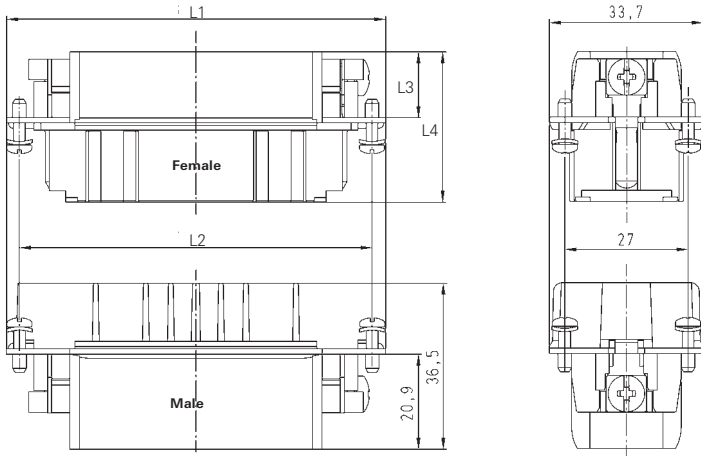


Description	Type	Part No.	P.U.
Contact inserts <i>revos</i>^{HD} 250 V			
40-pole + ground			
Male insert	HD STC 40 25	73.710.4058.0	10
Female insert	HD BUC 40 25	73.700.4058.0	10
Contact inserts <i>revos</i>^{HD} 250 V			
64-pole + ground			
Male insert	HD STC 64 25	73.710.6458.0	10
Female insert	HD BUC 64 25	73.700.6458.0	10
Contact inserts <i>revos</i>^{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			
	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	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 <i>revos</i>^{HD}			
	Type	Page	
Size	16H	162, 166, 172, 174, 178, 206, 207	
Size	24H	182, 186, 192, 194, 198, 206, 207	
Size	32	200–201	

Derating curve see page 69.

Dimensions

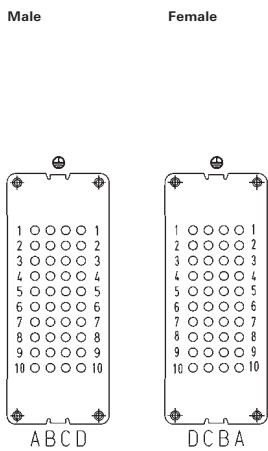
40-pole + ground – 80-pole + ground



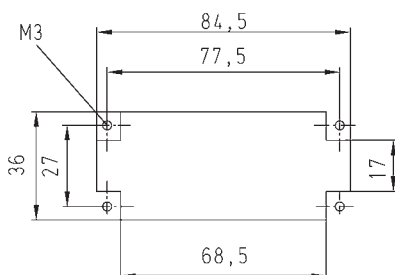
Number of poles	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]
40	83.3	77.5	14.5	33.0
64	109.8	104.0	14.4	33.5
80	83.3	77.5	14.5	33.0

40-pole + ground

Connection side

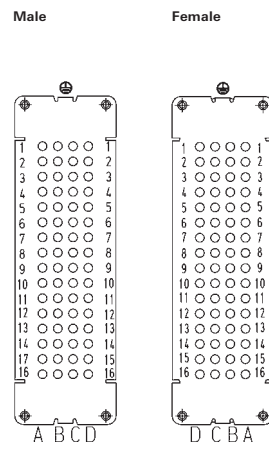


Cut-out

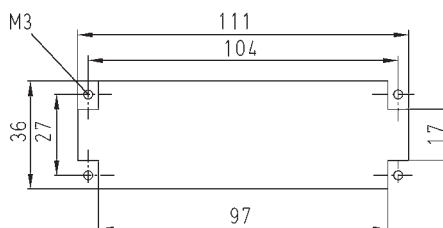


64-pole + ground

Connection side

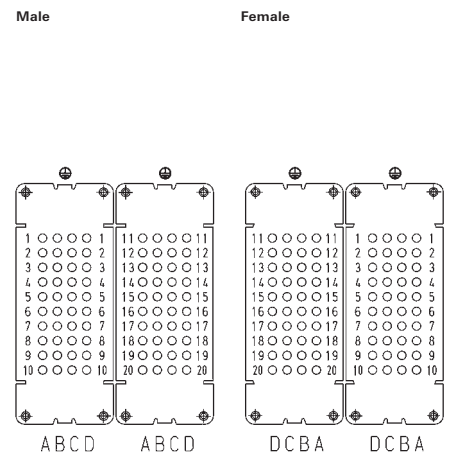


Cut-out

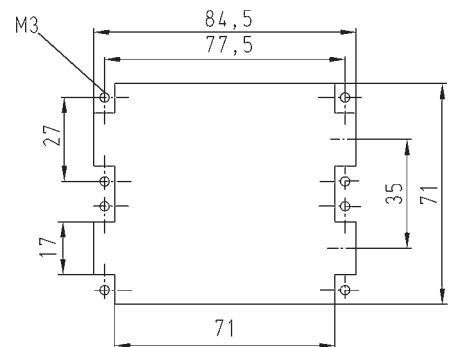


80-pole + ground

Connection side



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 <i>revos</i>^{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 <i>revos</i>^{HD} 250 V	64-pole + ground		
Male insert, ground right	HD SAS WR 64 2,5 25	73.115.6453.0	2
Female insert, ground right	HD BAS WR 64 2,5 25	73.105.6453.0	2
Male insert, ground left	HD SAS WL 64 2,5 25	73.110.6453.0	2
Female insert, ground left	HD BAS WL 64 2,5 25	73.100.6453.0	2

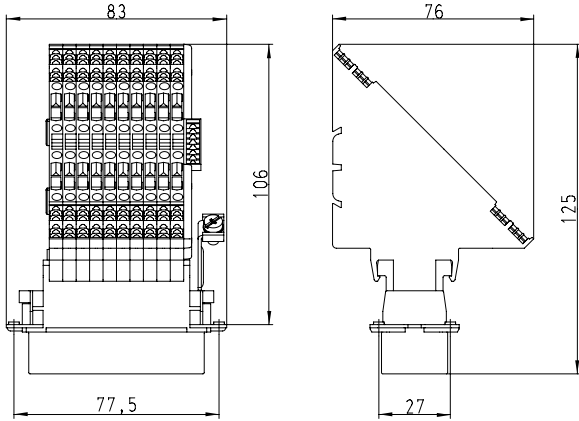
Technical data	
Rated voltage	250 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	4 kV
Rated current	10 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm ²
UL	20 – 14 AWG
CSA	20 – 14 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	12 mm
Contact 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:

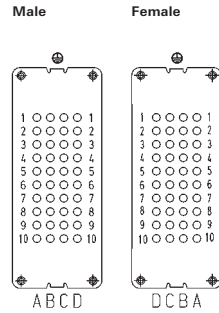
Description	Type	Part No.	P.U.
Open-bottom base, Size 16			
without cover, double locking lever	BAS GUT GX 16H 50 A	73.326.4028.0	1
with cover, double locking lever	BAS GUT GY 16H 50 A	73.327.4028.0	1
without cover, single locking lever	BAS GUT GV 16H 50 A	76.326.4028.0	1
with cover, single locking lever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

Dimensions

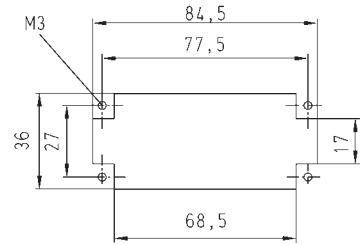
40-pole + ground



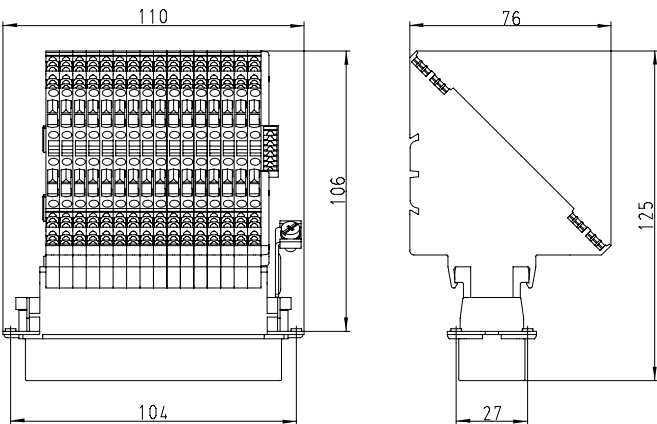
Connection side



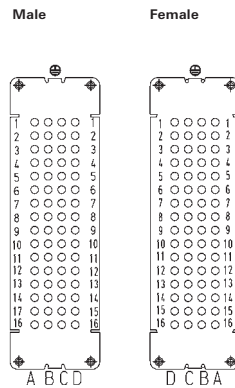
Cut-out



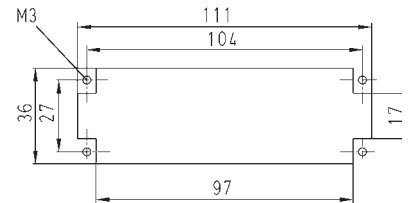
64-pole + ground



Connection side

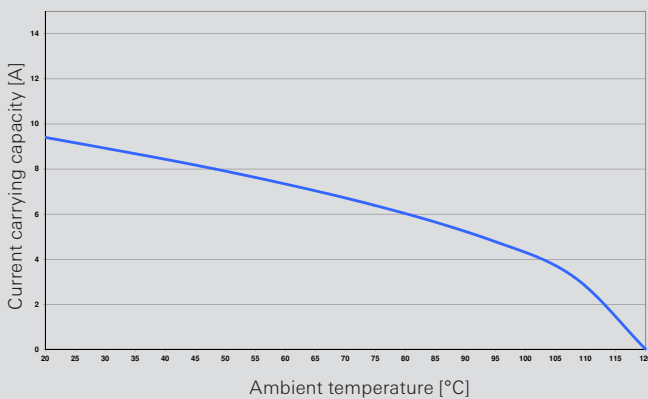


Cut-out



Derating curve according to IEC 60512 sec. 3

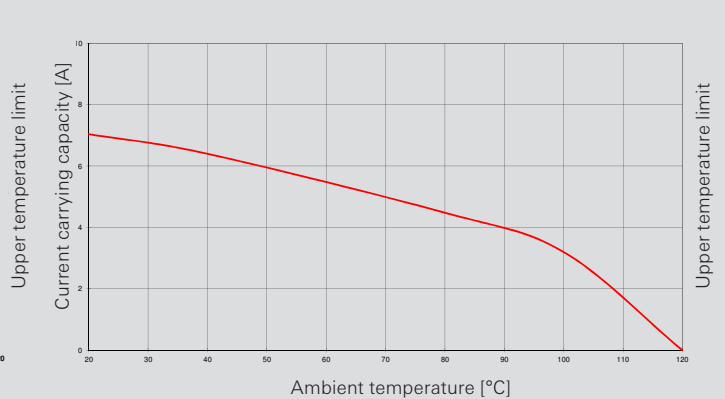
revos^{HD} 40-pole / 1.5 mm²



40-pole

Derating curve according to IEC 60512-5-2

73.700/710.6458.0 revos^{HD} 64-pole



Corrected current AC [A]



400 V 35 A contact inserts, screw connection

Contact inserts *revos* POWER



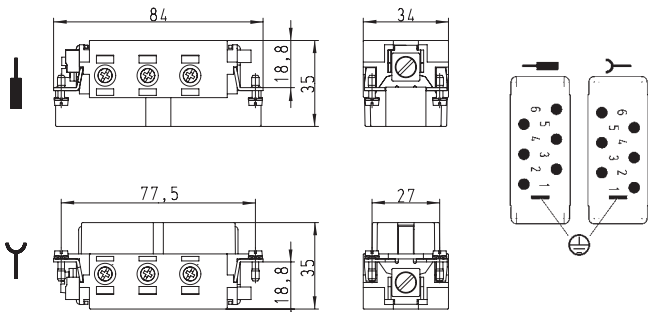
6-pole + ground
400 V
Size 16



Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> POWER			
Male insert	6-pole + ground 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 mm ²		
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 <i>revos</i> BASIC			
	Type	Page	
Size	16/16H	160–179	
Size	16XL	175	

Dimensions

6-pole + ground 400 V



Derating curve

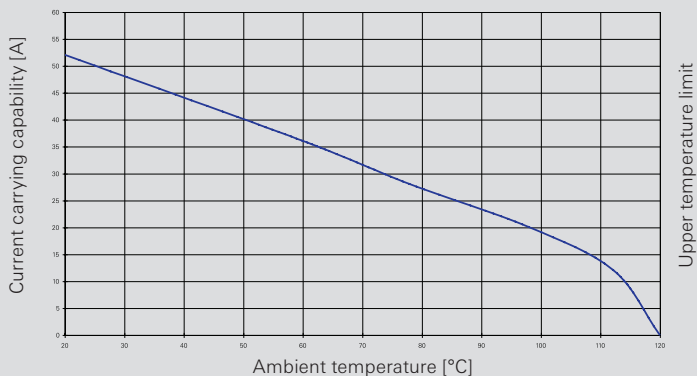
according to IEC 60512 sec. 3

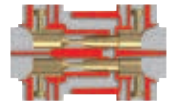
revos POWER

70.200/210.0653.0 *revos* POWER

6-pole 400 V / 35 A / 6.0 mm²

— Corrected current AC [A]





690 V 35 A contact inserts, screw connection

Contact inserts *revos* POWER



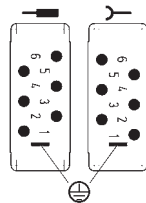
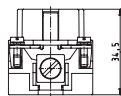
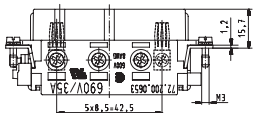
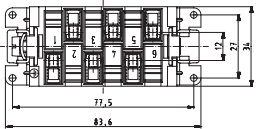
6-pole + ground
690 V
Size 16



Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> POWER			
Male insert	6-pole + ground POW STS 6 6,0 69 AG	72.210.0653.0	10
Female insert	POW BUS 6 6,0 69 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 mm ²		
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 <i>revos</i> BASIC			
Type	16/16H	Page	
Size	16/16H	160-179	
Size	16XL	175	

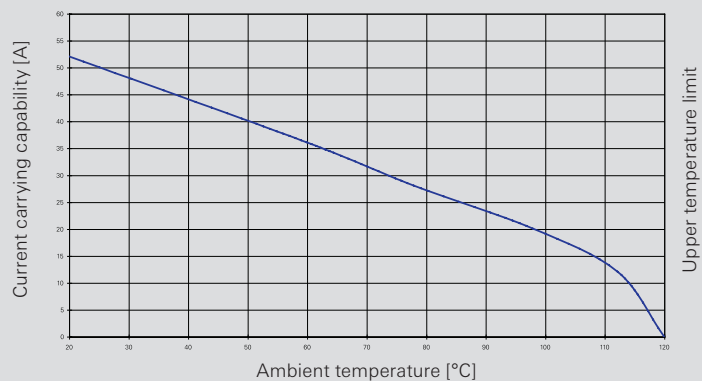
Dimensions

6-pole + ground 690 V



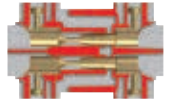
Derating curve
according to IEC 60512 sec. 3
revos POWER
72.200/210.0653.0 *revos* POWER
6-pole 690 V / 35 A / 6.0 mm²

— Corrected current AC [A]



400/690 V 82 A

Contact inserts, screw connection



Contact inserts **revos** POWER



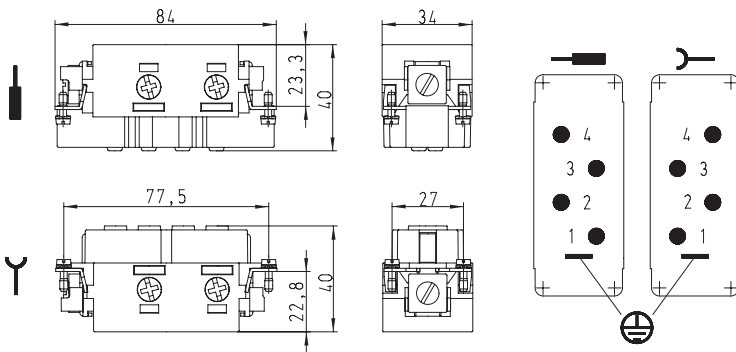
4-pole + ground
400/690 V
Size 16H



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 mm ²		
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	162, 166, 172, 174, 178	
Size	16XL	175	

Dimensions

4-pole + ground 400/690 V

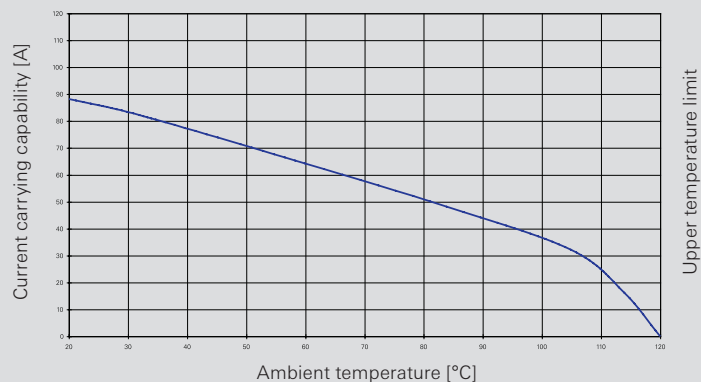


Derating curve

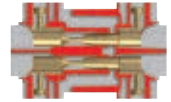
according to IEC 60512 sec. 3

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

— Corrected current AC [A]



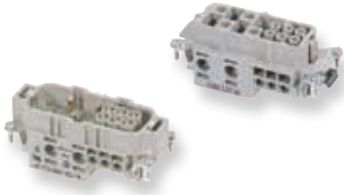
690 V 4 x 35 A, 6 x 16 A Contact inserts, screw connection



Contact inserts *revos* POWER



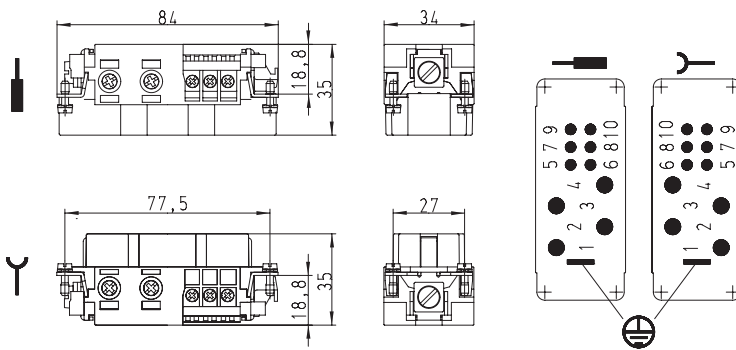
**4-/6-pole + ground
690 V
Size 16**



Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> 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 mm ² and 6 x 1 – 2.5 mm ²		
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 <i>revos</i> BASIC			
Size	Type	Page	
Size	16H	162, 166, 172, 174, 178	
Size	16XL	175	

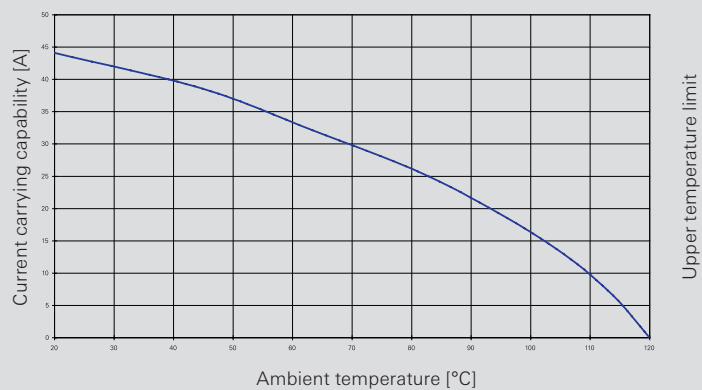
Dimensions

4-/6-pole + ground 690 V

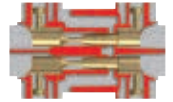


Derating curve
according to IEC 60512 sec. 3
72.215/205.1053.0 *revos* POWER
6+4-pole 690 V
35 A / 16 A / 6,0 mm² / 2.5 mm²

— Corrected current AC [A]



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



Contact inserts *revos* POWER



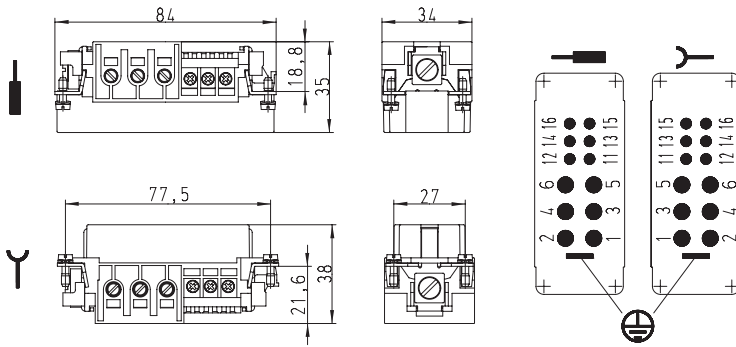
6-/6-pole + ground Size 16/16XL



Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> POWER			
Male insert	6-/6-pole + ground 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 mm ² and 6 x 1 – 2.5 mm ²		
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 <i>revos</i> 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

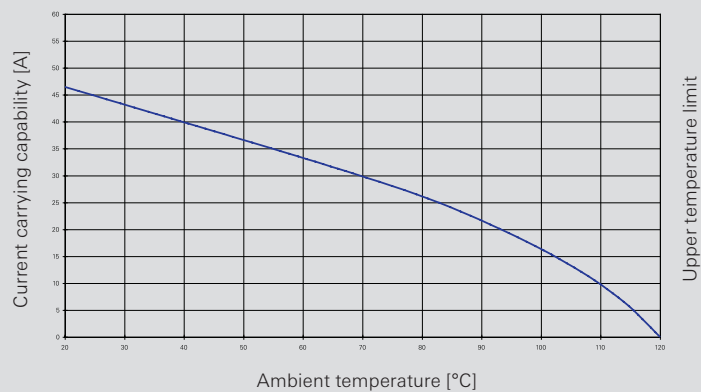
Dimensions

6-/6-pole + ground

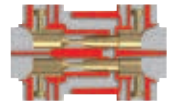


Derating curve
according to IEC 60512 sec. 3
72.205/215.1253.0 *revos* POWER
6+6-pole 690 V / 400 V / 230 V
40 A / 16 A / 10.0 mm² / 2.5 mm²

— Corrected current AC [A]



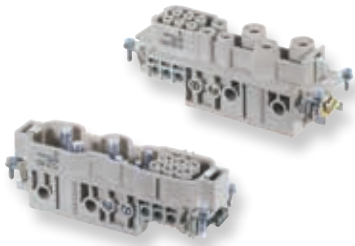
400/690 V 100 A + 400/690 V 40 A + 230/400 V 16 A Contact inserts, screw connection



Contact inserts **revos** POWER



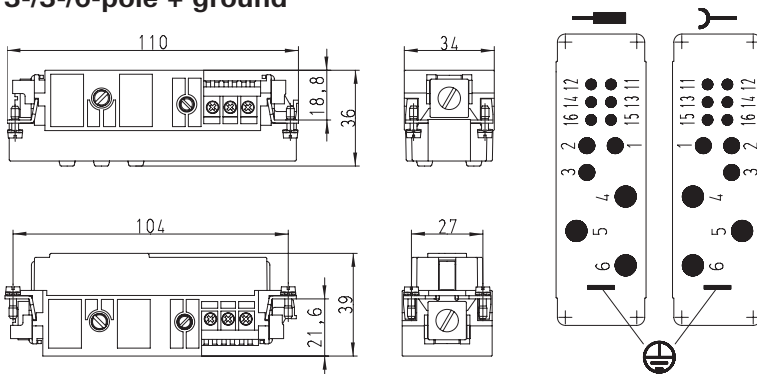
3-/3-/6-pole + ground Size 24/24XL



Description	Type	Part No.	P.U.
Contact inserts revos POWER			
Male insert	3-/3-/6-pole + ground 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 mm ² and 3 x 4 – 10 mm ² and 6 x 1 – 2.5 mm ²		
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

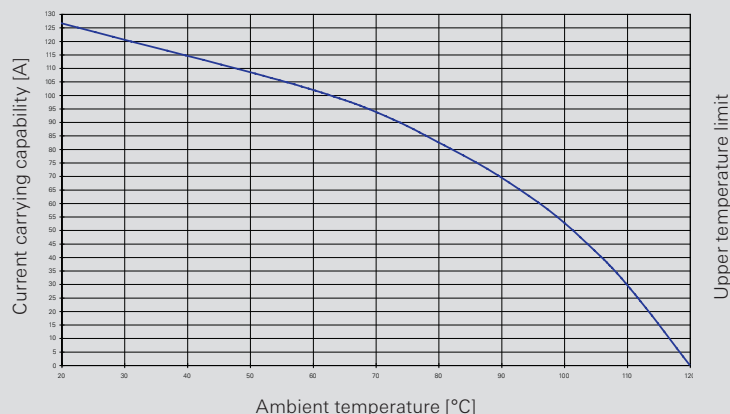
72.203/213.1253.0 **revos** POWER

3+3+6-pole 690 V / 230 V

100 A / 40 A / 16 A

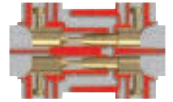
25 mm² / 16.0 mm² / 2.5 mm²

— Corrected current AC [A]



690 V 82 A + 400 V 16A

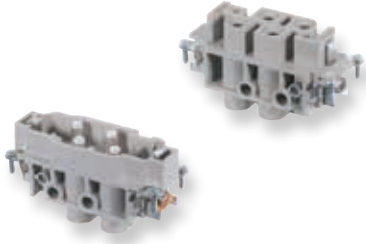
Contact inserts, screw connection



Contact inserts **revos** POWER



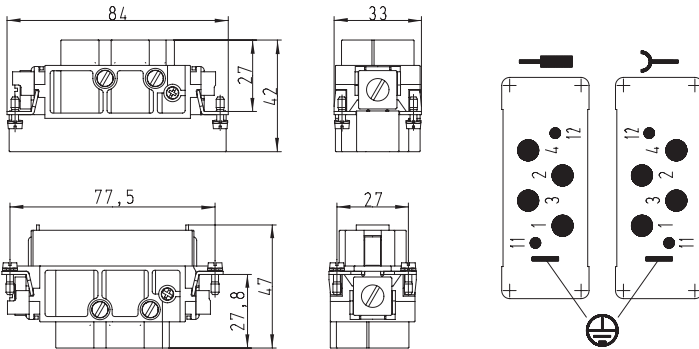
4-/2-pole + ground
690/400 V
Size 16



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 mm ² and 2 x 1 – 2.5 mm ²		
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			
Hood, Size	Type	Page	
Hood, Size	16H	162, 172, 174	
Hood, Size	16XL	175	
Open-bottom base, Size	16	164, 176	
Closed-bottom base, Size	16H	166, 178	

Dimensions

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

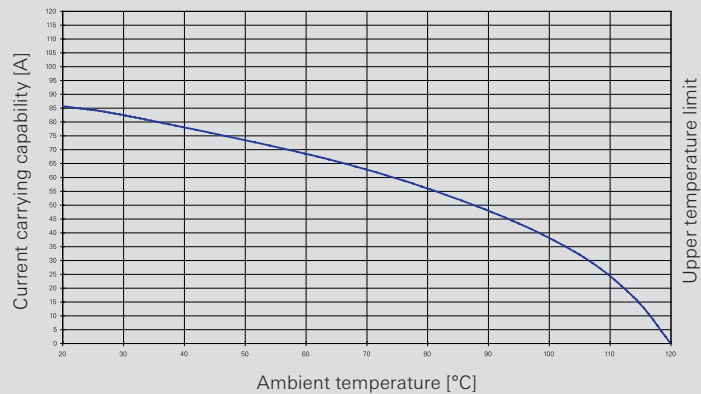


Derating curve

according to IEC 60512 sec. 3

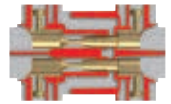
72.205/215.0653.0 **revos** POWER
4+2-pole 690 V / 400 V
82 A / 16 A / 16.0 mm² / 2.5 mm²

— Corrected current AC [A]



400 V 80 A + 400 V 16 A

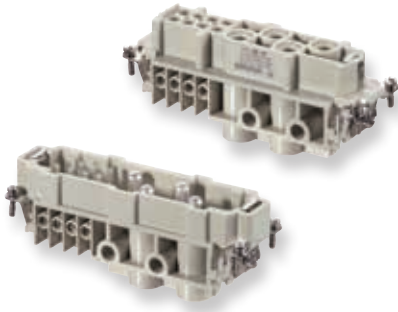
Contact inserts, screw connection



Contact inserts **revos**POWER



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

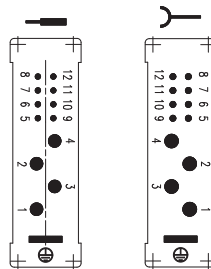
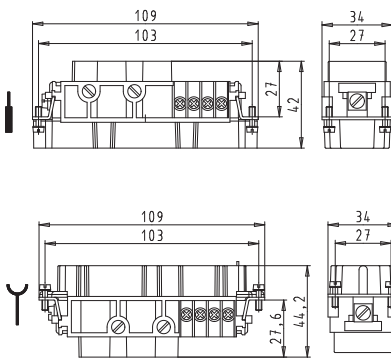


Note: The protective earth connection must be provided with the respective cable lug for 10 mm² and 16 mm² cross-sections.

Description	Type	Part No.	P.U.
Contact insert revosPOWER			
Male insert	4-/8-pole + ground 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 mm ² and 8 x 0.5 – 2.5 mm ²		
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			
Mounting screws	head design / recomm. torque 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 10mm ²		06.600.6127.6	10
Fork cable lug for protective earth connection 16mm ²		06.600.6227.6	10
Crimping tool		95.101.0800.0	1
Crimping die for connection range 10 mm ²		05.502.2800.0	1
Crimping die for connection range 16 mm ²		05.502.2900.0	1
Housing revos BASIC	24/24H		Page 180–199, 206–207

Dimensions

4-/8-pole + ground 400 V

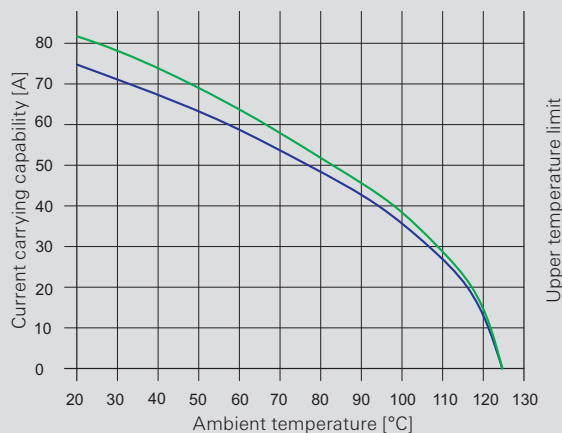


Clamping screws

Power contacts					
Rated cross section	mm ²	1,5	2,5	4	6 10 16
Tightening torque	Nm	1,2	2	3	3 3 3
Insulation strip length	mm	14			
Control contacts					
Rated cross section	mm ²	0,5 – 2,5			
Tightening torque	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

- Cross-section 10 mm²
- Cross-section 16 mm²



400/690 V 40 A + 230/400 V 10 A

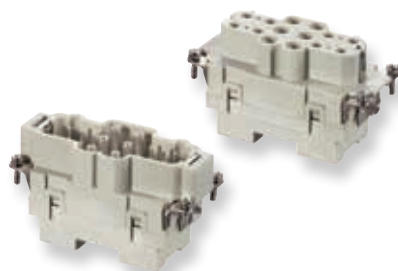
Contact inserts, axial connection, screw connection



Contact inserts **revos** POWER



6-/12-pole + ground Size 16



Description	Type	Part No.	P.U.
Contact inserts revos POWER			
6-/12-pole + ground			
Male insert 2.5 – 6 mm ²	POW STS 6/12 KL CA AG	72.215.1853.0	5
Female insert 2.5 – 6 mm ²	POW BUS 6/12 KL CA AG	72.205.1853.0	5
Male insert 6 – 10 mm ²	POW STS 6/12 ML CA AG	72.213.1853.0	5
Female insert 6 – 10 mm ²	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 mm ² and 12 x 0.5 – 2.5 mm ²		
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	160–179, 206–207	

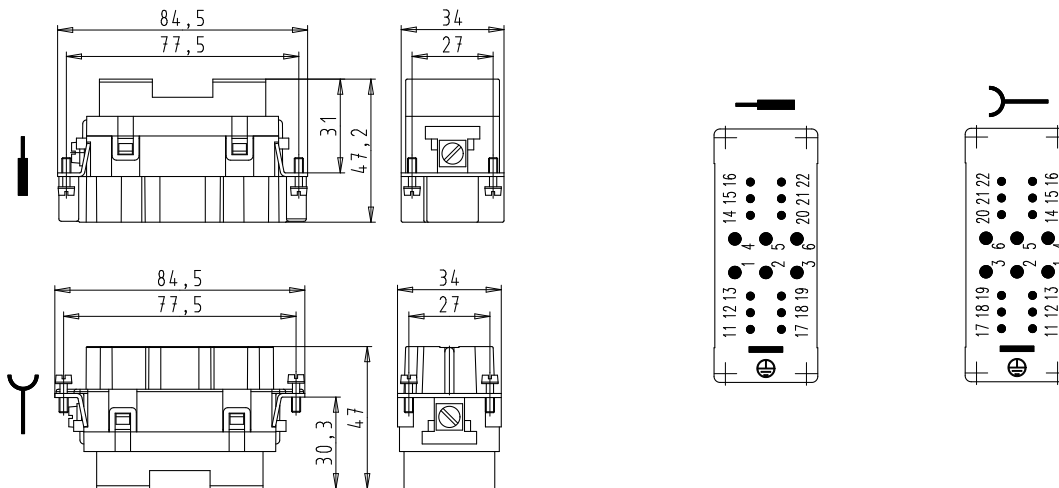
Clamping screws

Power contacts, fine stranded					
Rated cross section	mm ²	2.5	4	6	10
Tightening torque	Nm	1.5	1.5	2	2
Insulation strip length	mm	5 ⁺¹	5 ⁺¹	8 ⁺¹	8 ⁺¹
Control contacts					
Rated cross section	mm ²	0.2 – 2.5			
Tightening torque	Nm	0.8			
Insulation strip length	mm	7.5			

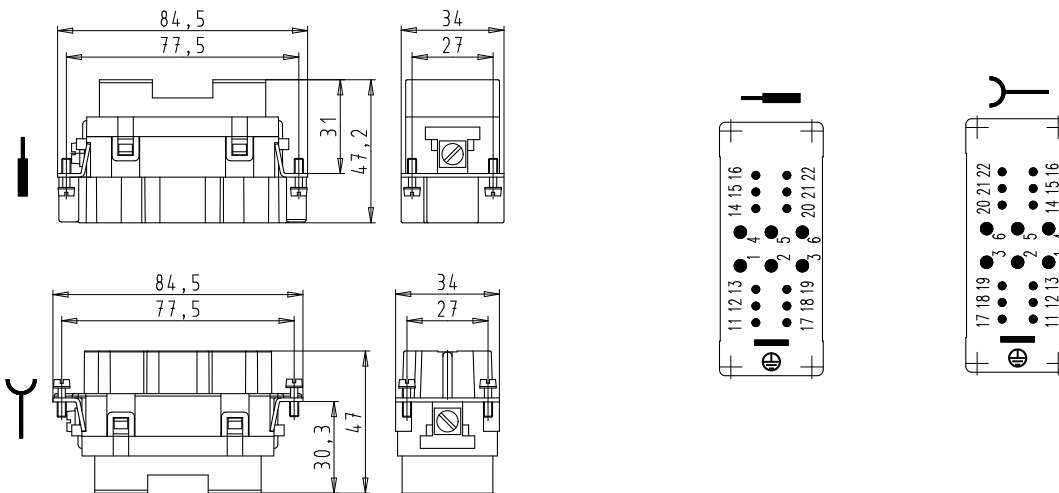
Dimensions

6-/12-pole + ground

Male-/female insert 2.5 – 6 mm²

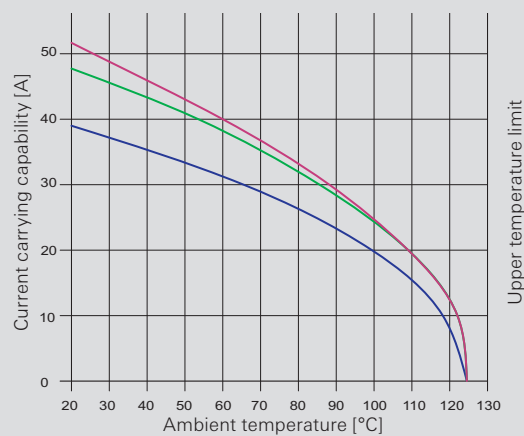


Male-/female insert 6 – 10 mm²



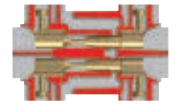
Derating curve – power contacts
 according to IEC 60512 sec. 3
 revos^{POWER} 6-/12-pole
 2.5– 6 mm² / 6 – 10 mm²

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



690 V 40 A + 250 V 10 A

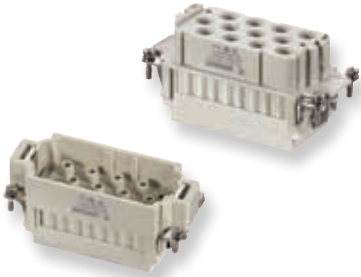
Contact inserts, crimp connection



Contact inserts **revos** POWER



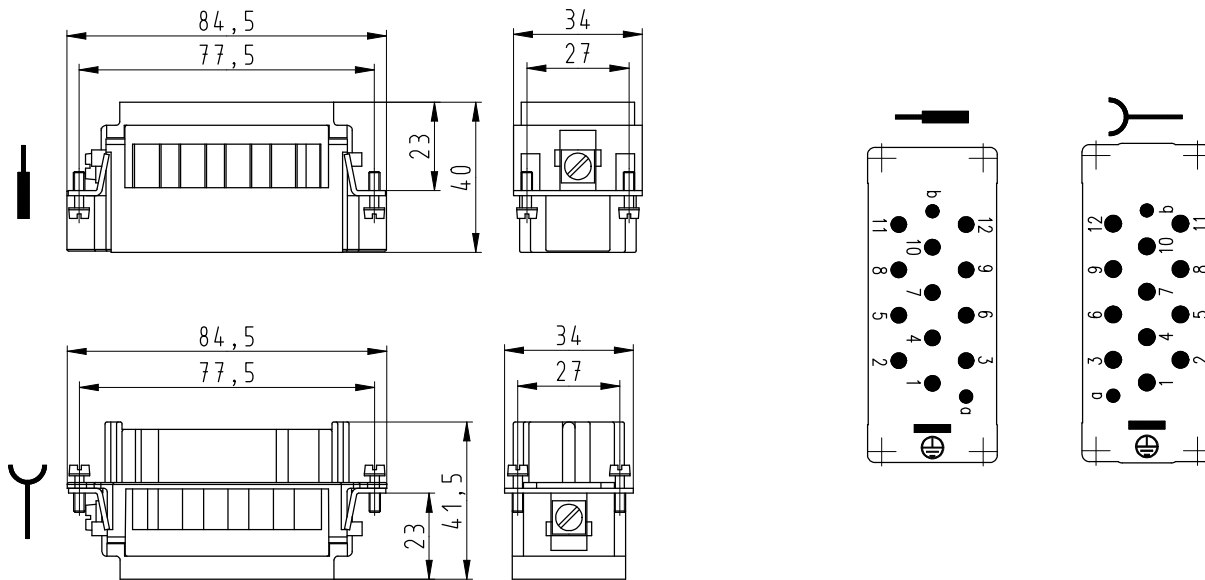
12-/2-pole + ground Size 16H



Description	Type	Part No.	P.U.
Contact inserts revos POWER			
Male insert	12-/2-pole + ground		
Female insert	POW STC 12/2 DE	72.713.1453.0	5
Female insert	POW BUC 12/2 DE	72.703.1453.0	5
Contact			
	mm ² / 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			
	mm ² / 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
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 mm ² + 2 x 0.14 – 2.5 mm ²		
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	16H	162, 166, 172, 174, 178, 206, 207	

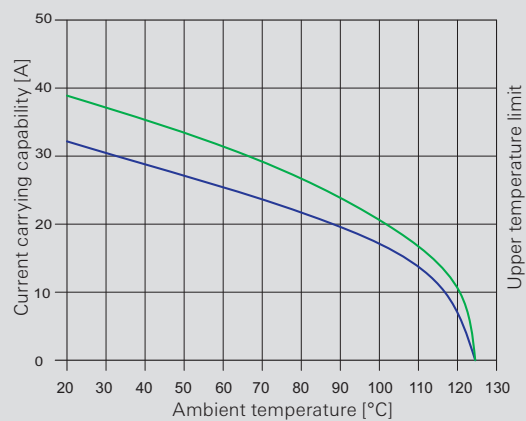
Dimensions

12-/2-pole + ground



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

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



690 V 40 A + 160 V 10 A

Contact inserts, crimp connection



Contact inserts **revos** POWER



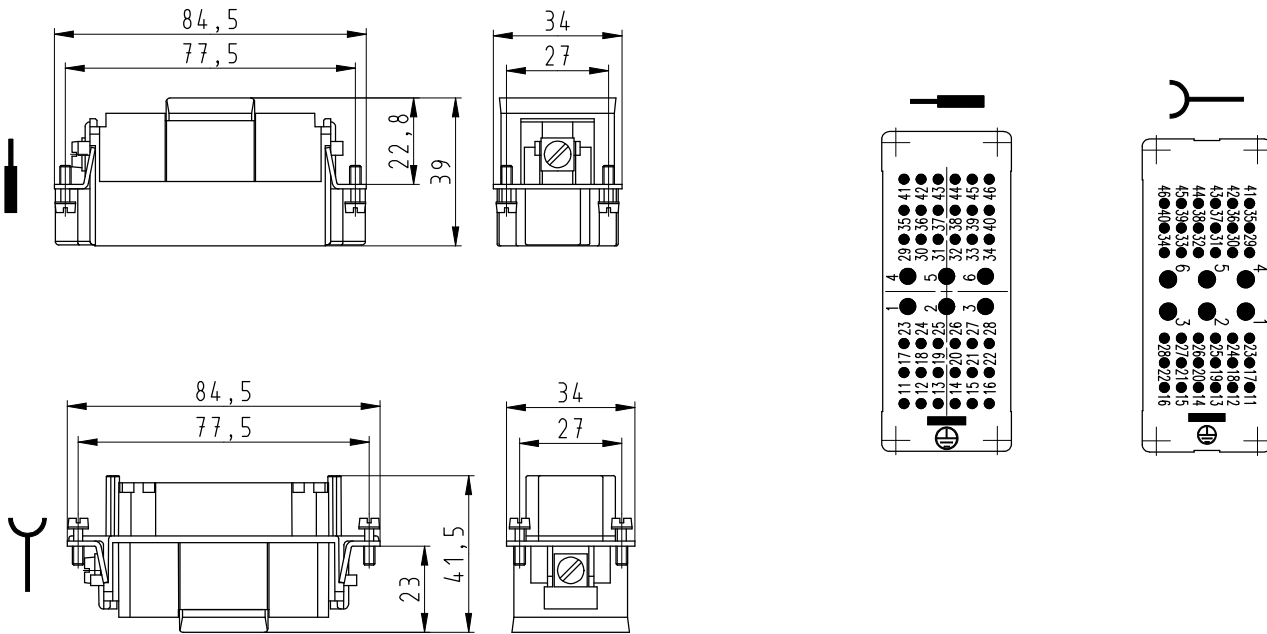
6-/36-pole + ground Size 16H



Description	Type	Part No.	P.U.
Contact inserts revos POWER			
Male insert	6-/36-pole + ground POW STC 6/36 DF	72.713.4253.0	5
Female insert	POW BUC 6/36 DF	72.703.4253.0	5
Contacts			
	mm ² / 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			
	mm ² / 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
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 10 A		
Degree of pollution	3		
Rated cross section			
EN 60999	6 x 1,5 – 6 mm ² + 36 x 0,14 – 2,5 mm ²		
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	162, 166, 172, 174, 178, 206-207	

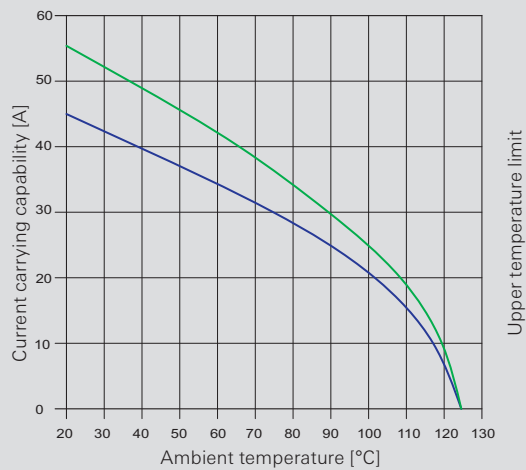
Dimensions

6-/36-pole + ground



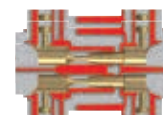
Derating curve – power contacts
according to IEC 60512 sec 3
revos^{POWER}
6-/36-pole

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



230/400 V 16 A + 250 V 10 A

Contact inserts, crimp connection



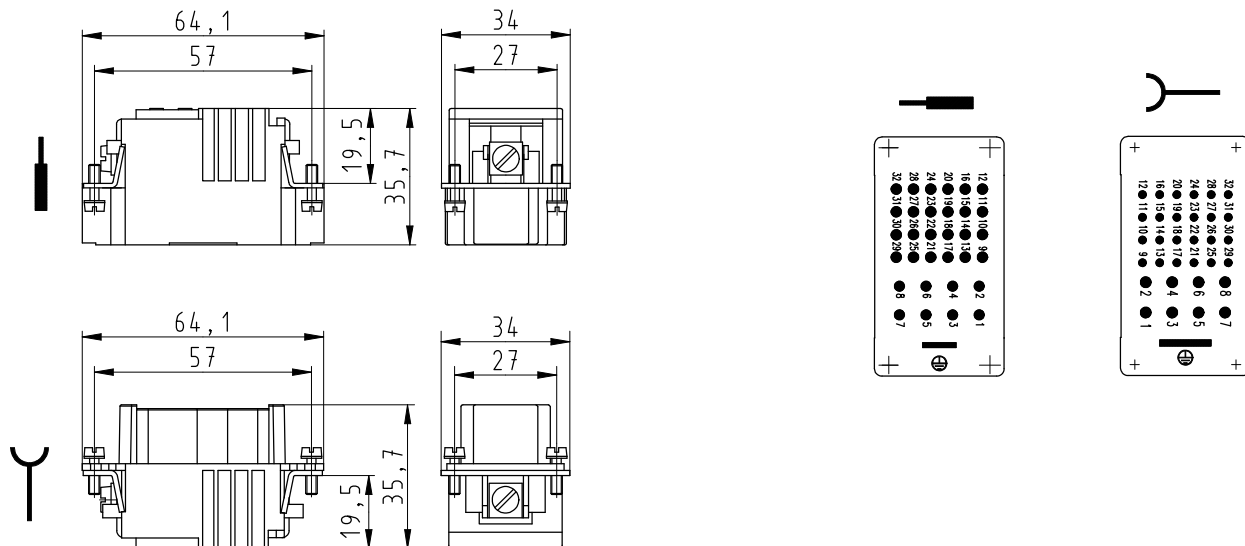
8-/24-pole + ground Size 10/10H



Description	Type	Part No.	P.U.
Contact inserts revos^{POWER}			
8-/24-pole + ground			
Male insert	POW STC 8/24 AF	72.713.3253.0	5
Female insert	POW BUC 8/24 AF	72.703.3253.0	5
Contacts			
	mm ² / AWG, turned Ø 2.5 mm		
Male insert, Ag	0.5 /20	05.545.8600.8	100
Female insert, Ag	0.5 /20	02.126.6100.8	100
Male insert, Ag	0.75 /18	05.545.8700.8	100
Female insert, Ag	0.75 /18	02.126.6200.8	100
Male insert, Ag	1.0 /18	05.545.8800.8	100
Female insert, Ag	1.0 /18	02.126.6300.8	100
Male insert, Ag	1.5 /16	05.545.8900.8	100
Female insert, Ag	1.5 /16	02.126.6400.8	100
Male insert, Ag	2.5 /14	05.545.9000.8	100
Female insert, Ag	2.5 /14	02.126.6500.8	100
Male insert, Ag	4 /12	05.545.9100.8	100
Female insert, Ag	4 /12	02.126.6600.8	100
Contacts			
	mm ² / 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	05.545.7900.8	100
Female insert, Ag	0.5 /20	02.126.5500.8	100
Male insert, Ag	0.75 /18	05.545.7900.8	100
Female insert, Ag	0.75 /18	02.126.5600.8	100
Male insert, Ag	1.0 /18	05.545.7900.8	100
Female insert, Ag	1.0 /18	02.126.5700.8	100
Male insert, Ag	1.5 /16	05.545.7900.8	100
Female insert, Ag	1.5 /16	02.126.5400.8	100
Male insert, Ag	2.5 /14	05.545.7900.8	100
Female insert, Ag	2.5 /14	02.126.5400.8	100
Technical data			
Rated voltage power / control contacts	p.c.: L-PE 230 V / L-L 400 V, c.c.: 160 V		
Rated voltage according to UL/CSA	600 V/300 V		
Rated impulse voltage	8 Contacts 4 kV / 24 Contacts 2.5 kV		
Rated current	8 Contacts 16 A / 24 Contacts 10 kV		
Degree of pollution	3		
Rated cross section			
EN 60999	8 x 0,5 - 4 mm ² + 24 x 0,14 - 2,5mm ²		
UL	8 x 20 - 12 AWG + 24 x 26 - 14 AWG		
CSA	-		
Contacts			
Material	Copper alloy		
Surface	Ag		
	Power contacts 7.5 mm / Control contacts 8 mm		
Contact resistance	Power contacts ≤ 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			
Crimping tool		95.101.0800.0	1
Crimping die for power contacts	„B“	05.502.5000.0	1
Contact positioner for power contacts	„3“	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	10 A/ Ø 1.6 mm	05.502.0710.0	1
Screw driver	1750 PH 0x60 031219	06.502.4900.0	1
Housing revos^{BASIC}			
	Type	Page	
Size	10/10H	142-159	

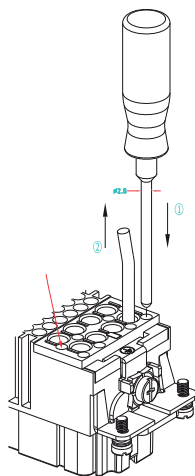
Dimensions

8-/24-pole + ground



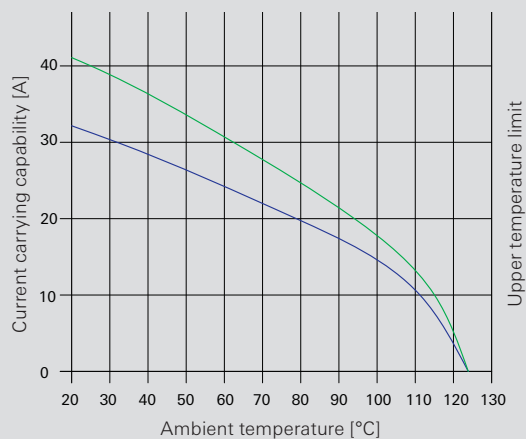
Disassembling the power contacts

- 1) Insert screwdriver (size 0 DIN ISO 8764-1-PH) up until stop in opening of the contact to be disassembled.
- 2) Pull contact out of the contact insert by its wire.

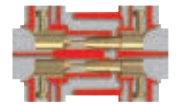


Derating curve – power contacts
according to IEC 60512 sec 3
revos^{POWER}
6-/36-pole

- Cross-section 2,5 mm²
- Cross-section 4 mm²



400 V and 690 V multipole adapter, screw connection

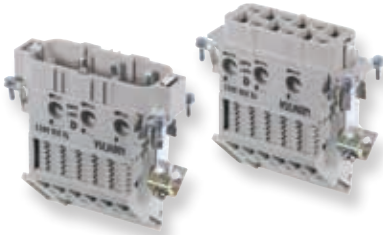


Multipole adapter *revos*^{POWER}



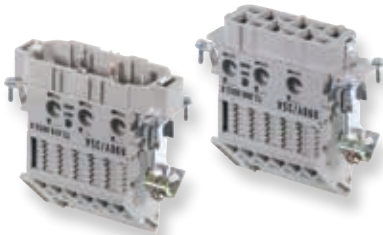
6-pole + ground 400 V Size 16

Compatible with 72.200/210.0653.0



6-pole + ground 690 V Size 16

Compatible with 72.200/210.0653.0



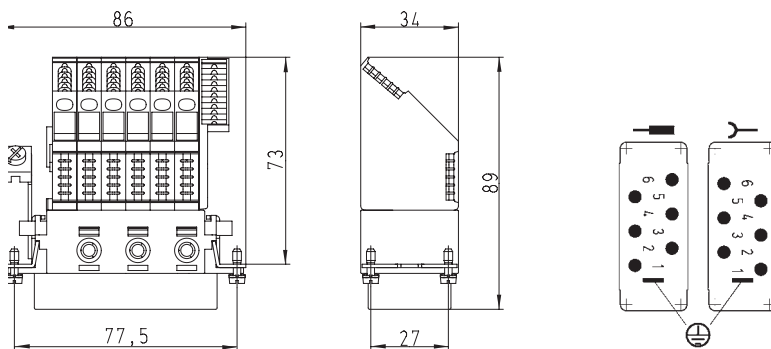
Description	Type	Part No.	P.U.
Multipole adapter <i>revos</i>^{POWER}			
6-pole + ground 400 V			
Male insert, ground right	POW SAS WR 6 6,0 40 AG	70.015.0653.0	10
Female insert, ground right	POW BAS WR 6 6,0 40 AG	70.005.0653.0	10
Male insert, ground left	POW SAS WL 6 6,0 40 AG	70.010.0653.0	10
Female insert, ground left	POW BAS WL 6 6,0 40 AG	70.000.0653.0	10
Multipole adapter <i>revos</i>^{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
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 mm ²	
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	

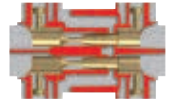
Description	Type	Part No.	P.U.
Open-bottom base <i>revos</i>^{BASIC}			
Size 16, double locking lever	BAS GUT GA 16 50 A	70.320.1628.0	1
Size 16, double locking lever	BAS GUT GE 16 50 A	70.325.1628.0	1
Size 16, single locking lever	BAS GUT GK 16 50 A	71.320.1628.0	1
Size 16, single locking lever	BAS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

Dimensions

6-pole + ground 400 V and 690 V



500 V multipole adapter, screw connection

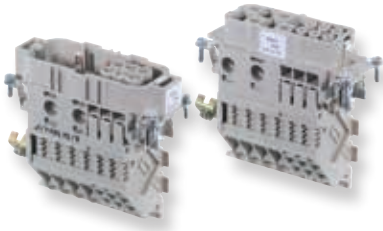


Multipole adapter *revos*^{POWER}



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

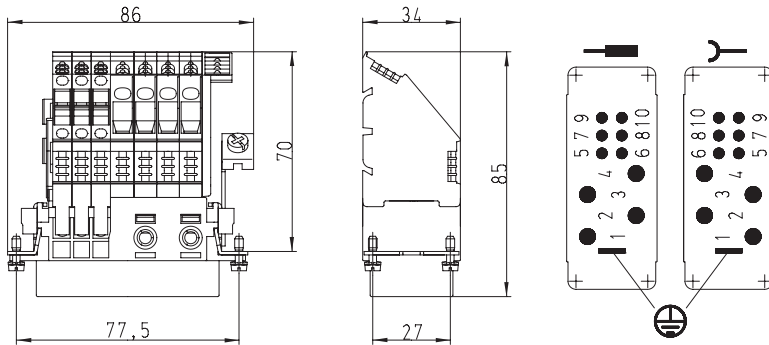
Compatible with 72.205/210.1053.0



Description	Type	Part No.	P.U.
Multipole adapter <i>revos</i>^{POWER}			
Male insert, ground right	4-/6-pole + ground 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 mm ² and 6 x 1.5 – 4 mm ²		
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 <i>revos</i>^{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

Male / Female	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

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

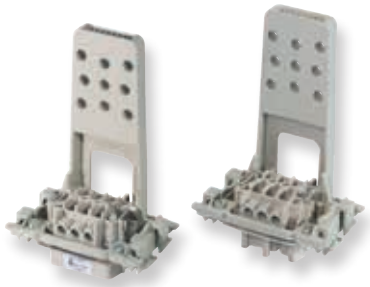
Multipole adapter with trigger action frame, without locking levers, SL right	Multipole adapter with trigger action frame, with locking levers, SL left	Multipole adapter with trigger action frame, with locking levers, SL right	Multipole adapter with trigger action frame, without locking levers, SL left, 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

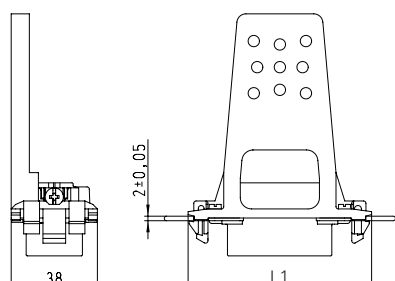


Description	Type	Part No.	P.U.
Trigger action frame revos^{BASIC} 500 V		6-pole + ground	
Male insert			
without locking levers, with strain relief	ST 70.3 / 6 REVZ	Z5.571.0156.0	10
without locking levers, without strain relief	ST 70.3 / 6 REV	Z5.571.1156.0	10
with locking levers, with strain relief	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 mm ²		
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		

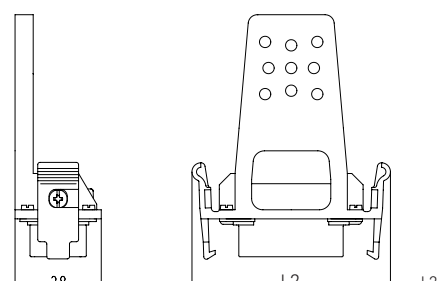
The mounting application may influence the air and creepage distances and thus the rated voltage.

Dimensions

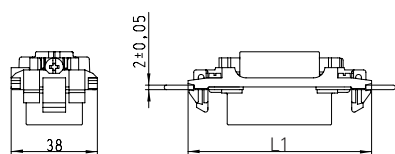
without locking levers
with strain relief



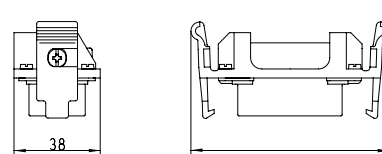
with locking levers
with strain relief



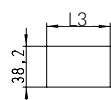
without locking levers
without strain relief



with locking levers
without strain relief



Sheet metal cutout for
trigger action frame



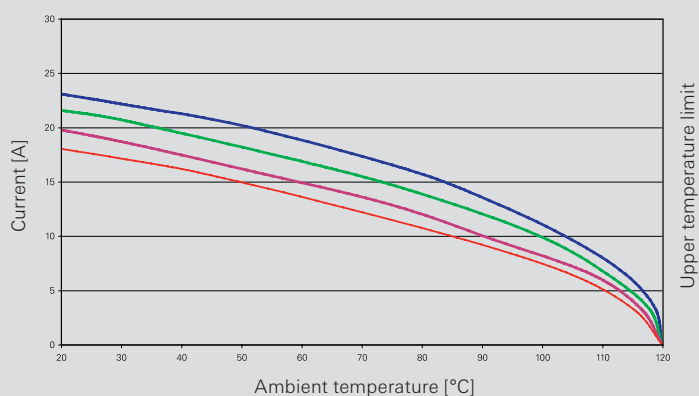
sheet metal thickness
2 ± 0.05 mm

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

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

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



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 mm ²		
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.

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

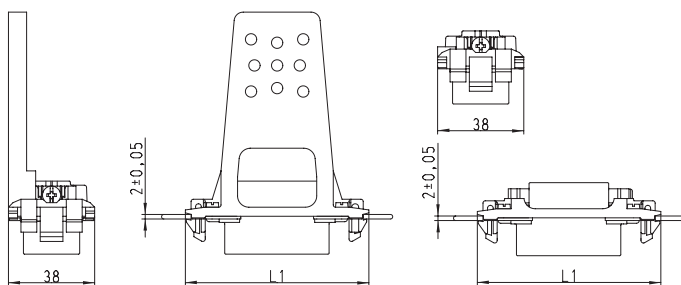
Description	Type	Part No.	P.U.
Contacts for crimp connection			
	mm ² / AWG		
Male insert	0.5 / 20	05.543.70xx.0	200
Female insert	0.5 / 20	02.123.70xx.0	200
Male insert	0.75 - 1 / 18	05.543.71xx.0	200
Female insert	0.75 - 1 / 18	02.123.71xx.0	200
Male insert	1.5 / 16	05.543.72xx.0	200
Female insert	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

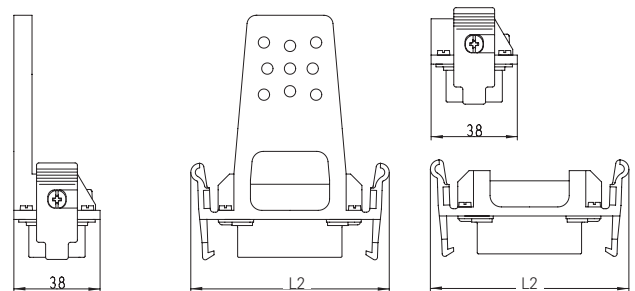
Contacts	
Material	Copper alloy
Surface	Sn, Ag, Au
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	Sn 200

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

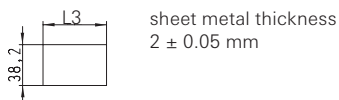
**without locking levers,
with and without strain relief**



**with locking levers,
with and without strain relief**



**Sheet metal cutout for
trigger action frame**

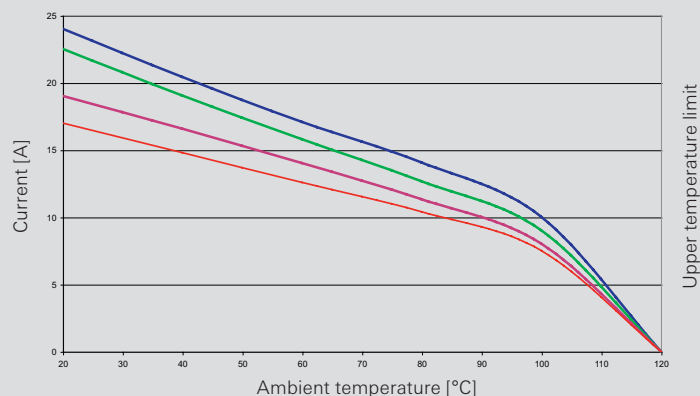


Number of poles	L1 [mm]	L2 [mm]	L3 [mm]
6	67.5	74.1	62.5
10	80.9	87.5	75.9
16	101.0	106.5	96.0
24	127.8	134.4	122.8

**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

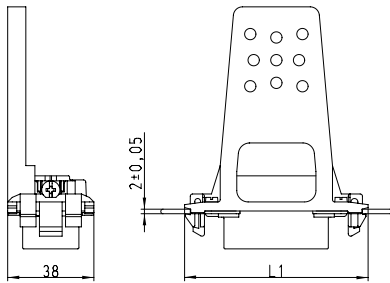


Description	Type	Part No.	P.U.
Trigger action frame revos^{BASIC} 690 V			
6-pole + ground			
Male insert			
without locking levers, with strain relief	ST 72.3 / 6 REVZ	Z5.571.0656.0	10
without locking levers, without strain relief	ST 72.3 / 6 REV	Z5.571.1656.0	10
with locking levers, with strain relief	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 mm ²		
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		

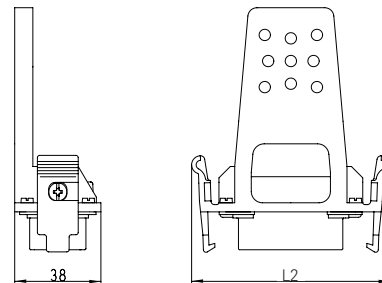
The mounting application may influence the air and creepage distances and thus the rated voltage.

Dimensions

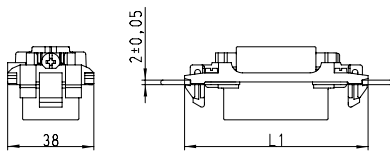
**without locking levers
with strain relief**



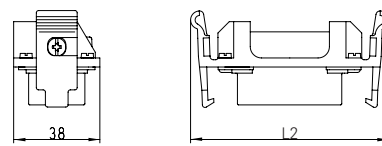
**with locking levers
with strain relief**



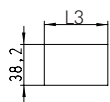
**without locking levers
without strain relief**



**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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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

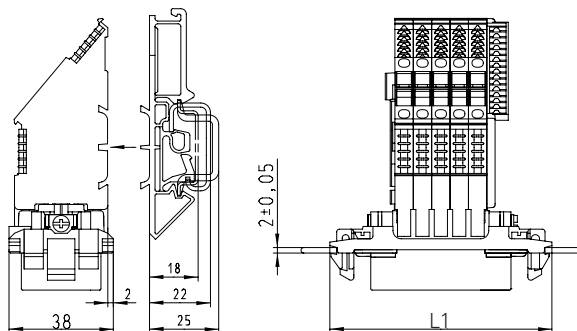
Technical data, Dimensions

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 mm ²	
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

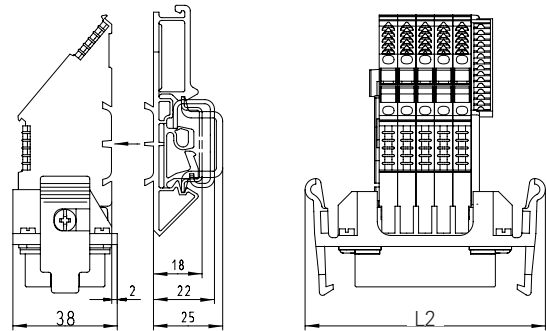
The mounting application may influence the air and creepage distances and thus the rated voltage.

Dimensions

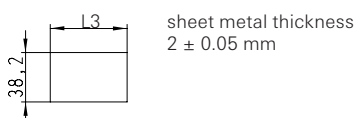
without locking levers



with locking levers



Sheet metal cutout for trigger action frame



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

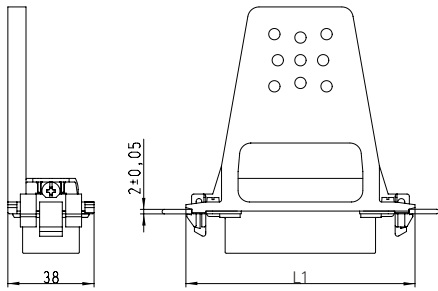


Description	Type	Part No.	P.U.
Trigger action frame <i>revos</i> HD 250 V			
40-pole + ground			
Male insert			
without locking levers, with strain relief	ST 73.7 / 40 REVZ	Z5.571.6056.0	10
without locking levers, without strain relief	ST 73.7 / 40 REV	Z5.571.7056.0	10
with locking levers, with strain 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 <i>revos</i> 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

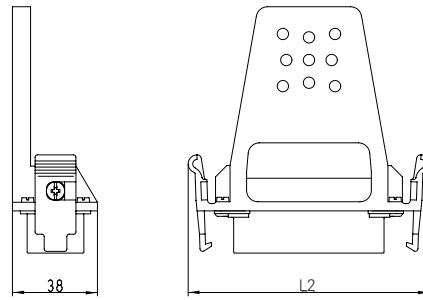
The mounting application may influence the air and creepage distances and thus the rated voltage.

Dimensions

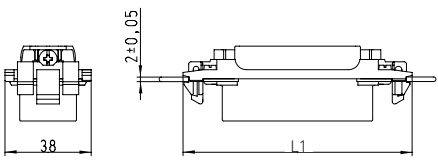
**without locking levers
with strain relief**



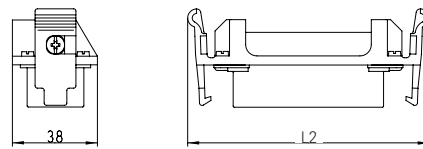
**with locking levers
with strain relief**



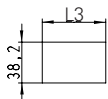
**without locking levers
without strain relief**



**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

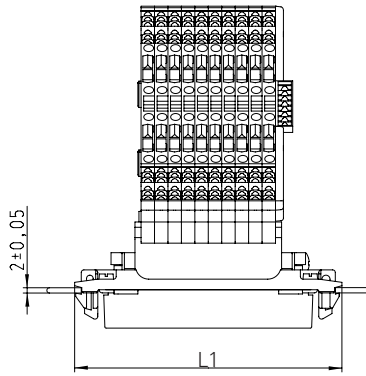
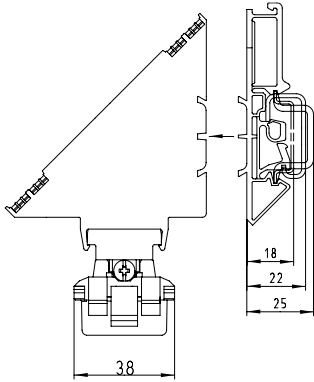


Description	Type	Part No.	P.U.
Multipole adapter <i>revos</i> HD 250 V			
Male insert		40-pole + ground	
without locking levers, ground right	ST 73.1 / 40 REV WR	Z5.573.8356.0	4
without locking levers, ground right, with U-foot	ST 73.1 / 40 REV U WR	Z5.573.9356.0	2
without locking levers, ground left	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 <i>revos</i> 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 mm ²		
UL	24 – 16 AWG		
CSA	24 – 16 AWG		
Screws			
	head design / recomb. 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

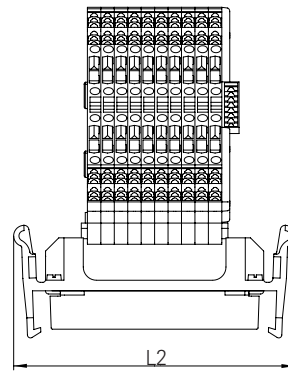
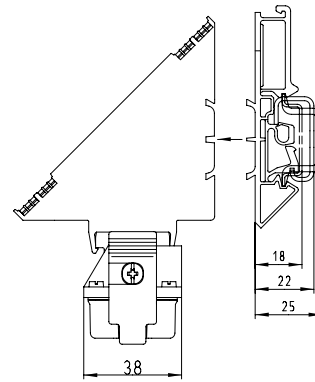
The mounting application may influence the air and creepage distances and thus the rated voltage.

Dimensions

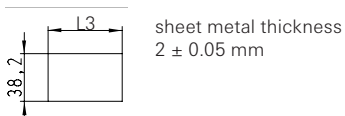
without locking levers



with locking levers



Sheet metal cutout for trigger action frame



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



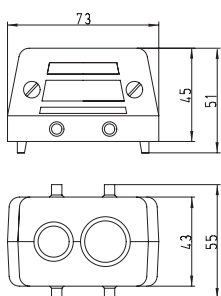
Description	Type	Part No.	P.U.
Data cable feed-through revos IT			
2 bushings, Size 10	IT DKE 10	70.060.1028.0	10
3 bushings, Size 16	IT DKE 16	70.060.1628.0	10
4 bushings, Size 24	IT DKE 24	70.060.2428.0	5
4 bushings, Size 24	IT DKE 24 R1	70.061.2428.0	5

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	

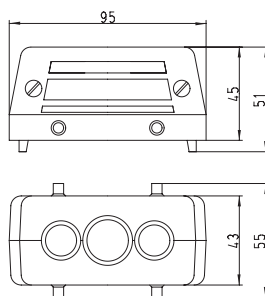
Description	Type	Part No.	P.U.
Accessories			
Rubber gasket for Connection range	4,5 mm – 10 mm	05.562.3183.0	20
Rubber gasket for Connection range	9 mm – 15 mm	05.562.3283.0	10
Housing Size 10		70.320.1028.0	
Housing Size 16		70.320.1628.0	
Housing Size 24		70.320.2428.0	

Dimensions

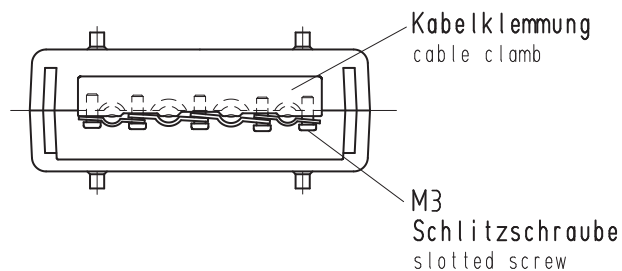
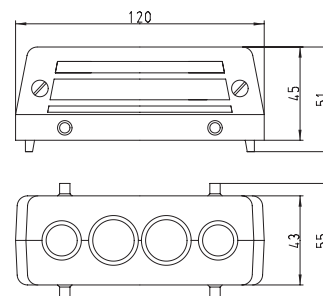
2 bushings



3 bushings



4 bushings



D-Sub connectors

D-Sub connectors

revos IT

Male



Female



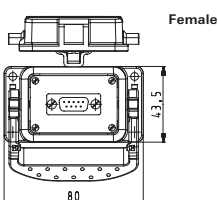
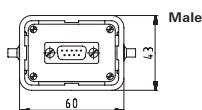
Female



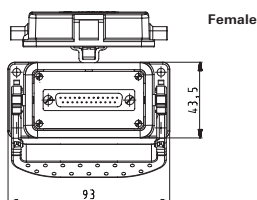
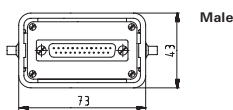
Description	Type	Part No.	P.U.
D-Sub connectors revos IT	9-pole		
Male, Size 6	IT GOSL 1 M20 0,5 4 AU	Z7.415.0235.0	10
Female, Size 6	IT GUBL 1 0,5 4 AU	Z7.415.0010.0	10
D-Sub connectors revos IT	2 x 9-pole		
Male, Size 6	IT GOSL 2 M20 0,5 4 AU	Z7.415.0335.0	10
Female, Size 6	IT GUBL 2 0,5 4 AU	Z7.415.0110.0	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 mm ²		
UL	-		
CSA	-		
Contacts	hard gold plating over nickel plating		
Temperature range	-40 ... +100 °C		

Dimensions

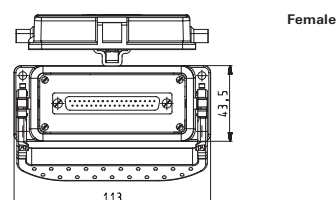
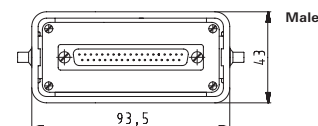
9-pole Size 6



25-pole Size 10



37-pole Size 16



90 V contact inserts

Contact inserts *revos* Ex



6-pole + ground Size 6



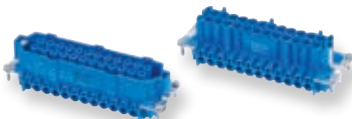
10-pole + ground Size 10



16-pole + ground Size 16



24-pole + ground Size 24



48-pole + ground Size 48



Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 <i>revos</i> 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 mm ²
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 / recomb. 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 <i>revos</i> Ex	Type	Page
Size	6Ex	240–243
Size	10Ex	244–247
Size	16Ex	248–251
Size	24Ex	252–255
Size	48Ex	256–259

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

Special conditions for safe use:

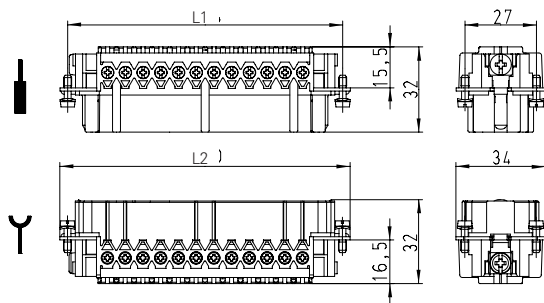
1. The heavy duty connectors must be attached to a device in such a way that a minimum protection rating of IP54 is maintained in accordance with EN 60529.
2. The heavy duty connectors can be used in an ambient temperature ranges from -20 °C to +60 °C.

*Wire cross section

Permitted wire cross section	Max. input current
1.5 mm ² bis 2.5 mm ²	16 A
1.0 mm ²	10 A
0.75 mm ²	6 A
0.5 mm ²	3 A

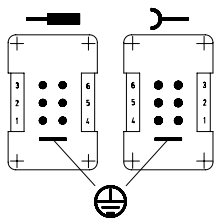
Dimensions

6-pole + ground – 48-pole + ground

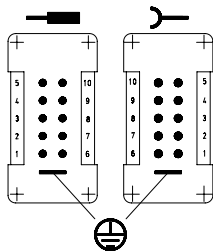


Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.0
16	77.5	83.0
24	104.0	110.0
48	104.0	110.0

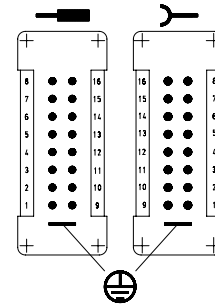
6-pole + ground



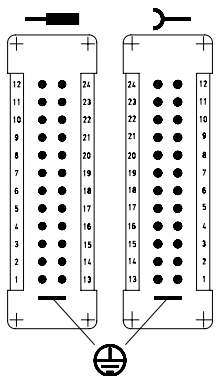
10-pole + ground



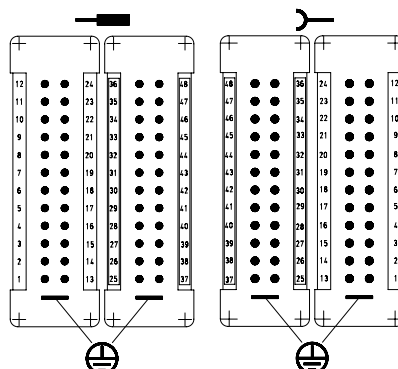
16-pole + ground



24-pole + ground



48-pole + ground



Modular connector system 3-pole

Modular inserts *revos*^{FLEX}

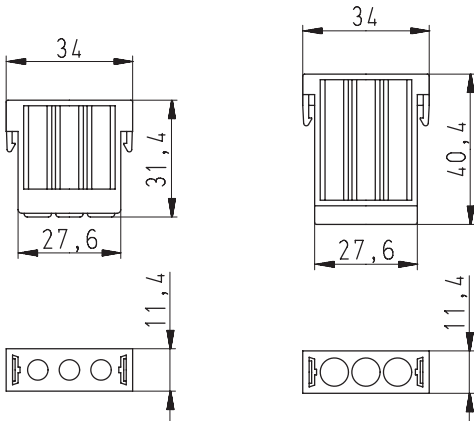


3-pole



Description	Type	Part No.	P.U.
Modular inserts <i>revos</i>^{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 111		
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



Modular connector system 4-pole + ground

Modular inserts *revos*^{FLEX}

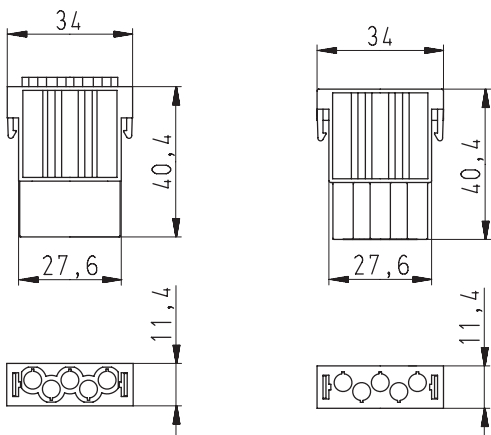


4-pole + ground



Description	Type	Part No.	P.U.
Modular inserts <i>revos</i>^{FLEX}			
Male insert	4-pole + ground 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 111		
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}

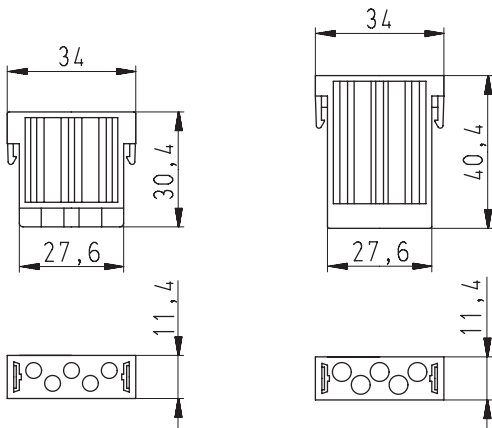


5-pole



Description	Type	Part No.	P.U.
Modular inserts <i>revos</i>^{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 111		
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 10-pole

Modular inserts *revos*^{FLEX}



10-pole



Modular inserts *revos*^{FLEX}

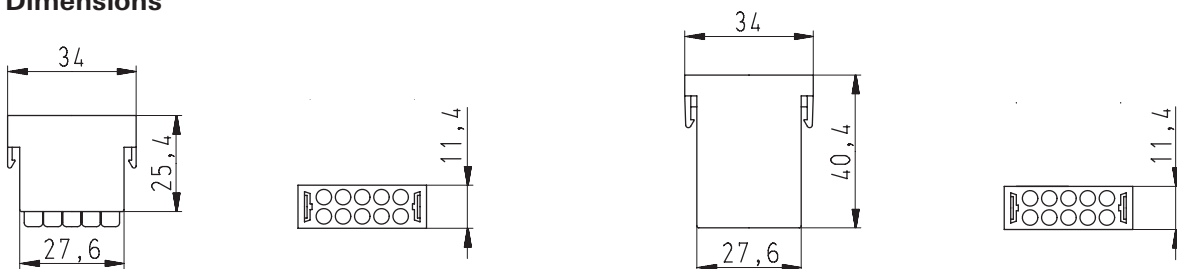


10-pole



Description	Type	Part No.	P.U.
Modular inserts <i>revos</i>^{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 111		
Modular inserts <i>revos</i>^{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 111		
Description	Type	Part No.	P.U.
Contacts			
	mm ² / 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 <i>revos</i> 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 111

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

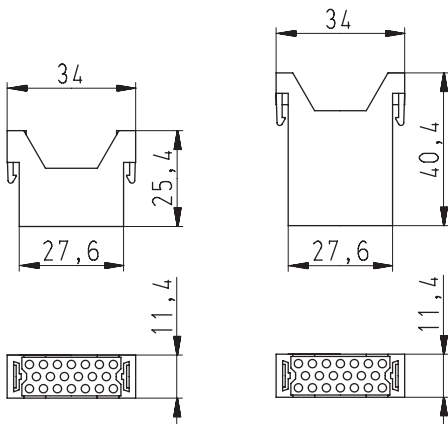


Description	Type	Part No.	P.U.
Modular inserts <i>revos</i> FLEX			
Blind module			
Male		05.562.6353.0	10
Female		05.562.6453.0	10

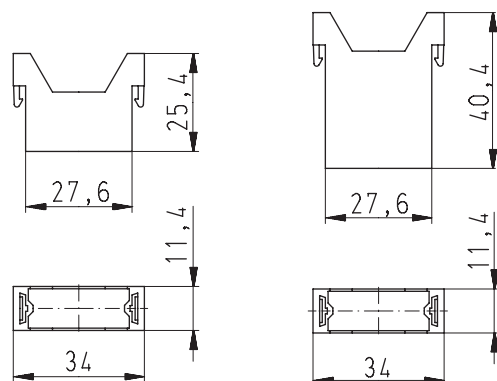
Technical data	
Insulating material	Polyamide 66, halogen-free
Flammability	UL 94 V-0
Temperature range	-40 ... +120 °C

Dimensions

20-pole



Blind module

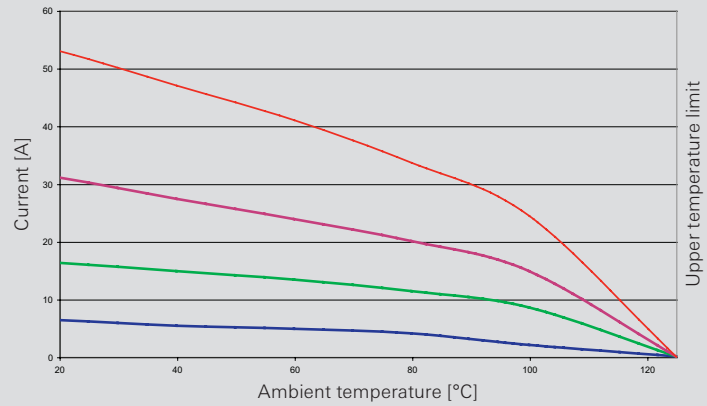


Derating curve

Derating curve according to IEC 60512 sec. 3

revos^{FLEX}
Size 6,
equipped with 2 modules

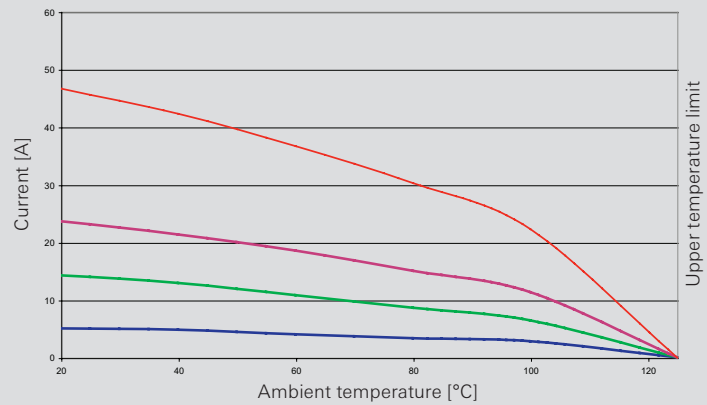
- Contact Ø 1 mm stamped, 0.5 mm², 2x20 poles
- Contact Ø 1.6 mm turned, 1.5 mm², 2x10 poles
- Contact Ø 2.5 mm turned, 2.5 mm², 2x5 poles
- Contact Ø 3.6 mm turned, 6 mm², 2x3 poles



Derating curve according to IEC 60512 sec. 3

revos^{FLEX}
Size 10,
equipped with 3 modules

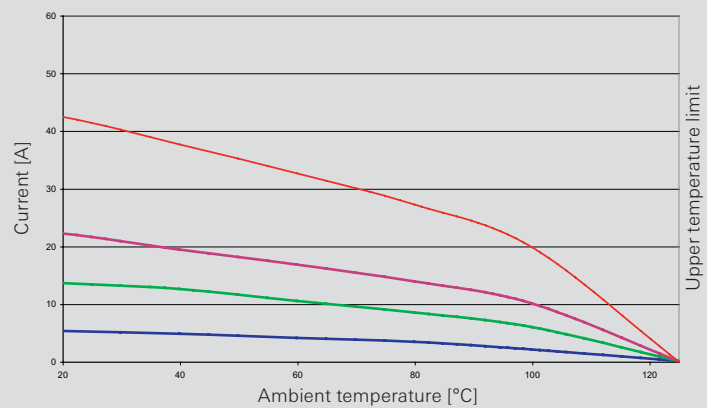
- Contact Ø 1 mm stamped, 0.5 mm², 3x20 poles
- Contact Ø 1.6 mm turned, 1.5 mm², 3x10 poles
- Contact Ø 2.5 mm turned, 2.5 mm², 3x5 poles
- Contact Ø 3.6 mm turned, 6 mm², 3x3 poles



Derating curve according to IEC 60512 sec. 3

revos^{FLEX}
Size 16,
equipped with 5 modules

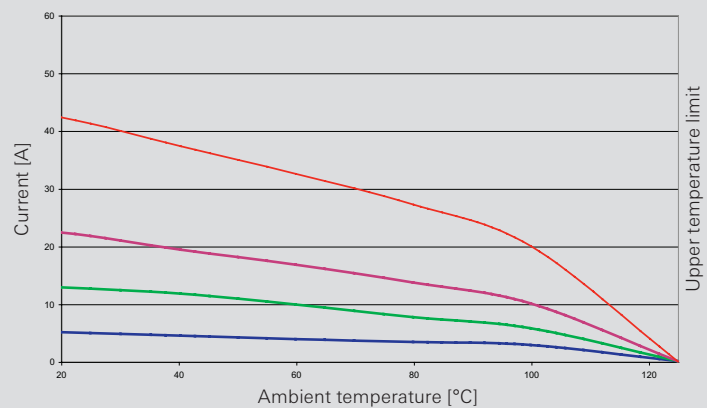
- Contact Ø 1 mm stamped, 0.5 mm², 5x20 poles
- Contact Ø 1.6 mm turned, 1.5 mm², 5x10 poles
- Contact Ø 2.5 mm turned, 2.5 mm², 5x5 poles
- Contact Ø 3.6 mm turned, 6 mm², 5x3 poles



Derating curve according to IEC 60512 sec. 3

revos^{FLEX}
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

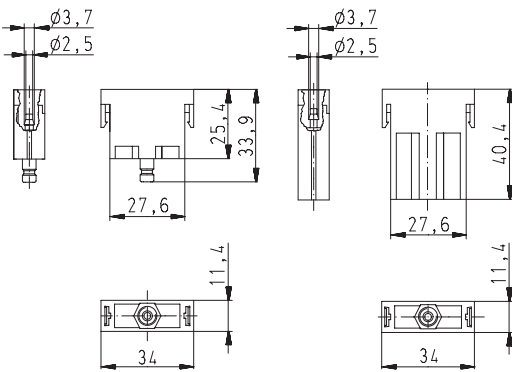


Description	Type	Part No.	P.U.
Modular inserts <i>revos</i>^{FLEX}		Pneumatic module Ø 2,5 mm	
1 connection			
Male insert	FLE STP 1 2.5	78.913.0153.0	5
Female insert with valve	FLE BUP 1 2.5	78.903.0153.0	5
2 connections			
Male insert	FLE STP 2 2.5	78.913.0253.0	5
Female insert with valve	FLE BUP 2 2.5	78.903.0253.0	5
Modular inserts <i>revos</i>^{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	

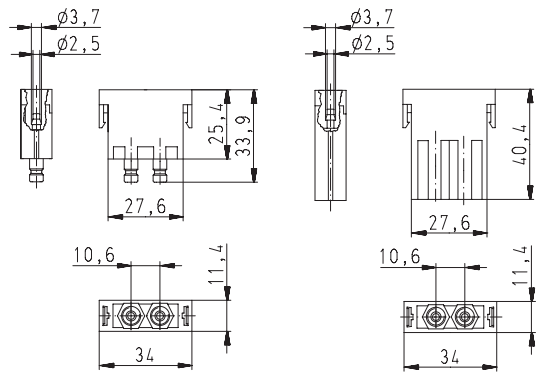
Dimensions

Pneumatic module Ø 2.5 mm

1 connection

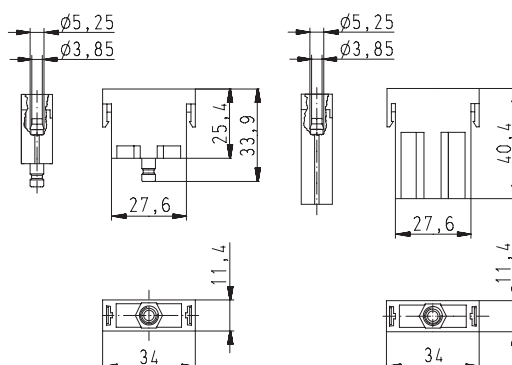


2 connections

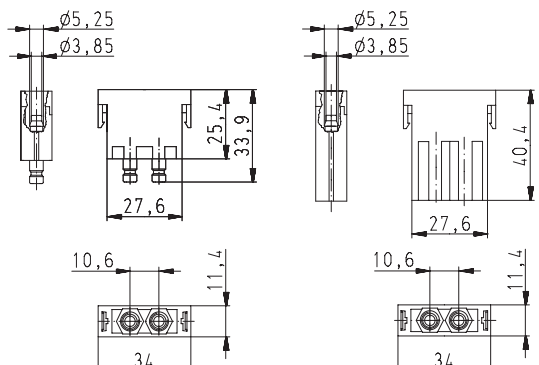


Pneumatic module Ø 4 mm

1 connection



2 connections



Modular connector system

Modular inserts *revos*FLEX

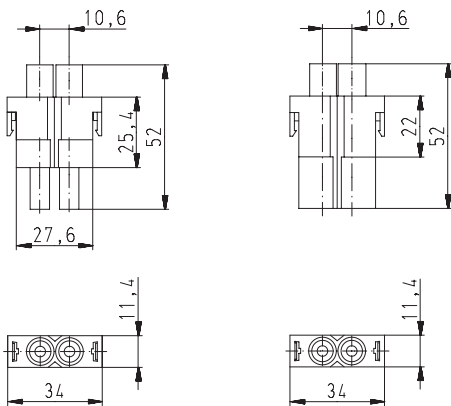


High voltage module 2-pole



Description	Type	Part No.	P.U.
Modular inserts <i>revos</i>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



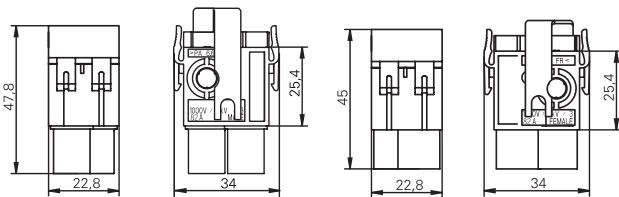
High current module 2-pole



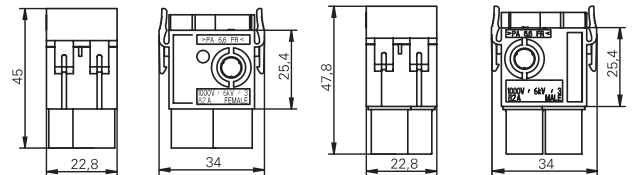
Description	Type	Part No.	P.U.
Modular inserts <i>revos</i>^{FLEX}			
1-pole + ground			
Male insert	FLE STS 1P 25 1K AG	78.116.0153.0	5
Female insert	FLE BUS 1P 25 1K AG	78.106.0153.0	5
Modular inserts <i>revos</i>^{FLEX}			
2-pole			
Male insert	FLE STS 2 25 1K AG	78.116.0253.0	5
Female insert	FLE 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 mm ²		
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



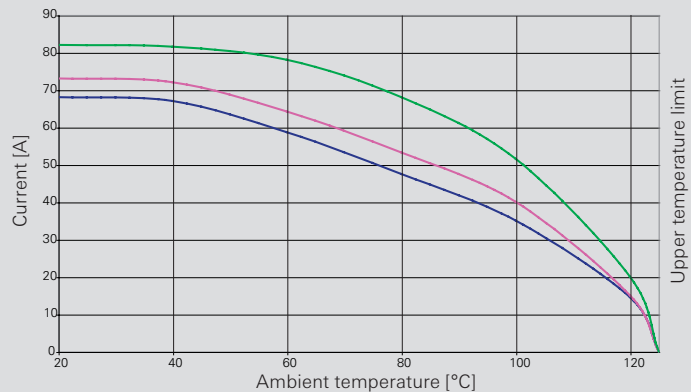
Derating curve

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



Modular connector system

Modular inserts revos^{FLEX} HC 1M

UL pending

High current module with crimp connection

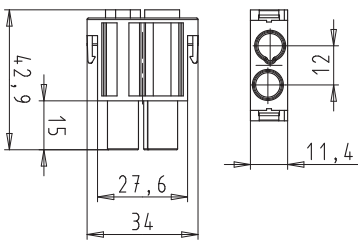


Description	Type	Part No.	P.U.
Modular inserts revos^{FLEX}			
Male insert	FLE STC 2 16 1	78.014.0253.0	10
Female insert	FLE BUC 2 16 1	78.004.0253.0	10
Contacts			
	mm ² / AWG, turned Ø 3,6 mm		
Male insert, Ag	16 / 6	05.546.3021.8	20
Female insert, Ag	16 / 6	02.126.9721.8	20
Technical data			
Rated voltage (EN 60664-1)	1000 V		
Rated voltage according to UL/CSA	600 V		
Rated impulse voltage	8.0 kV		
Degree of pollution	3		
Overvoltage category	III		
Rated current	65 A (UL 60 A, CSA 55 A)		
Continuity resistor	< 1 mΩ		
Insulation resistor	> 10 ¹² Ω		
Rated cross-section (EN 60999)	16 mm ²		
Rated cross-section (UL/CSA)	6 AWG		
Material			
Insulating housing	PA		
Colour	black		
Flammability	UL 94 V-0		
Contacts			
Contact surface	silver plated		
Rated cross-section	16 mm ²		
Numbers of poles	2		
Mating cycles	500		
Temperature range	-40 °C ... + 120 °C		
Description	Part No.	Part No.	
Accessoires			
Crimping tool	95.000.1000.0	Contacts	
Crimping die for connection range 10 mm ²	05.502.5300.0	Fork cable lug	
Fork cable lug for protective earth connection 10 mm ²		95.101.0800.0	
Fork cable lug for protective earth connection 16 mm ²		06.600.6127.6	
Crimping die for connection range 10 mm ²		06.600.6227.6	
Crimping die for connection range 16 mm ²		05.502.2800.0	
Extraction tool	05.502.0910.0	05.502.2900.0	

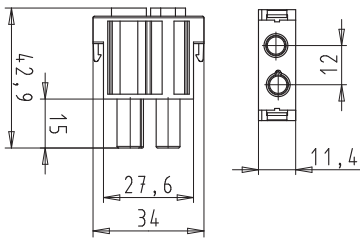
Klauke type 60/22-L pneumatic crimping tool can also be used.

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 capacity). Do not mate under current or voltage!

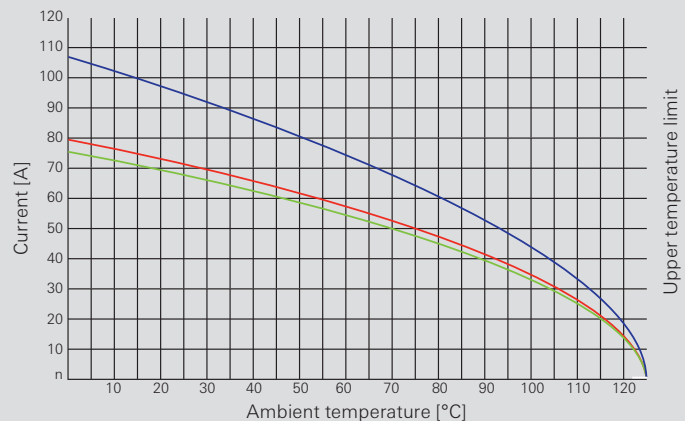
Derating curve

according to IEC 60512-2 test 5b

revos^{FLEX}

High current module 78.004/014.0253.0
1000 V

- 1 module
- 3 modules
- 7 modules



Modular connector system

Modular inserts revos^{FLEX} HC 2M

UL pending



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

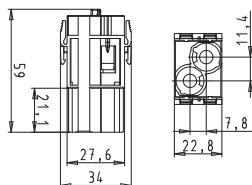
Technical data	
Rated voltage (EN 60664-1)	1000 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	8.0 kV
Degree of pollution	3
Overvoltage category	III
Rated current (I _{amb} = 40 °C) & 35 mm ² Leiter	150 A (UL, CSA 120 A)
Continuity resistor	< 1 mΩ
Insulation resistor	> 10 ⁹ Ω
Rated cross-section (EN 60999)	16-35 mm ²
Rated cross-section (UL/CSA)	2 AWG
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	95.101.0800.0	
Crimping die for connection range 10 mm ²		05.502.2800.0	
Crimping die for connection range 16 mm ²	05.502.4600.0	05.502.2900.0	
Crimping die for connection range 25 mm ²	05.502.4700.0		
Crimping die for connection range 35 mm ²	05.502.4800.0		
Fork cable lug for protective earth connection 10mm ²		06.600.6127.6	
Fork cable lug for protective earth connection 16mm ²		06.600.6227.6	

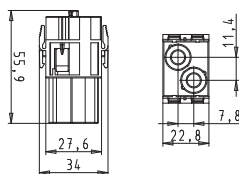
Klauke type 60/22-L pneumatic crimping tool can also be used.

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 capacity). Do not mate under current or voltage!

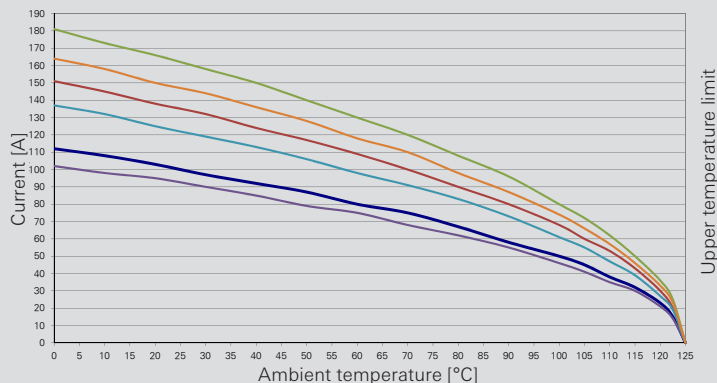
Derating curve

according to IEC 60512 sec. 3

revos^{FLEX}

High current module 78.006/016.0253.0
1000 V / 150 A

- 2-pole / 16 mm²
- 2-pole / 25 mm²
- 2-pole / 35 mm²
- 2 x 3-pole / 16 mm²
- 2 x 3-pole / 25 mm²
- 2 x 3-pole / 35 mm²

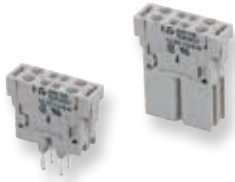


Modular connector system

Modular inserts *revos*^{FLEX}



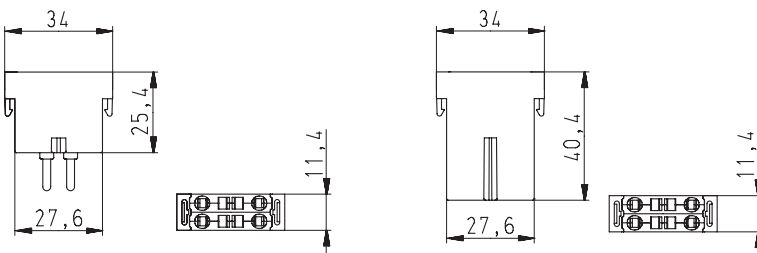
Spring clamp module 4-pole



Description	Type	Part No.	P.U.
Modular inserts <i>revos</i>^{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 mm ²		
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

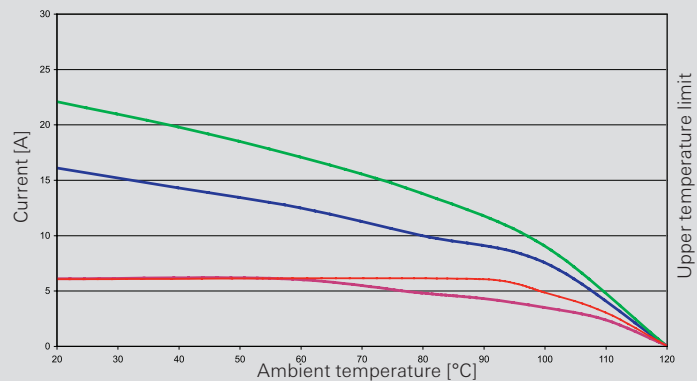
Dimensions

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



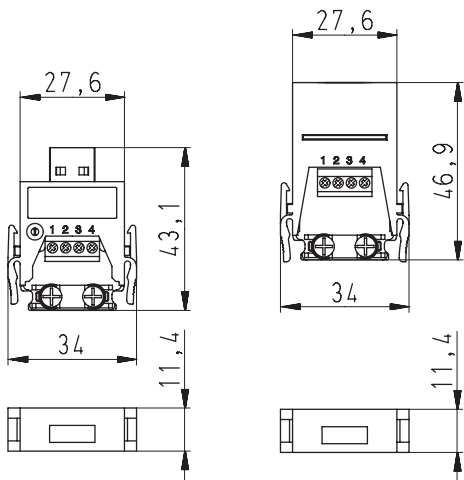
Profibus module



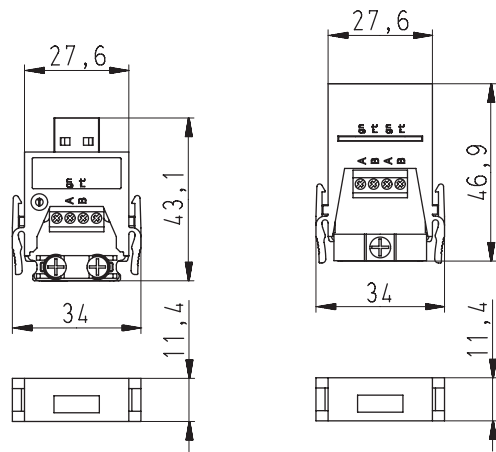
Description	Type	Part No.	P.U.
Modular inserts <i>revos</i>^{FLEX}			
USB module			
Male insert	FLE STK 4S 1,5 03 AU	78.111.0453.0	5
Female insert	FLE BUK 4S 1,5 03 AU	78.101.0453.0	5
Modular inserts <i>revos</i>^{FLEX}			
Profibus module			
Male insert	FLE STD 2S 1,5 03 AU	78.191.0453.0	5
Female insert	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 mm ² / 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



Modular connector system

Modular inserts *revos*^{FLEX}



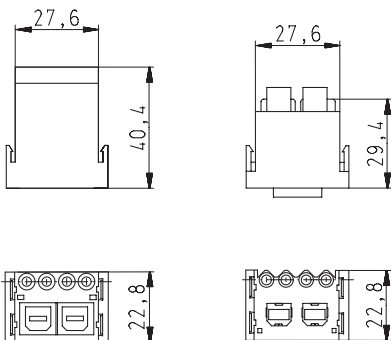
RJ45 module



Description	Type	Part No.	P.U.
Modular inserts <i>revos</i>^{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



Description	Type	Part No.	P.U.
Modular inserts <i>revos</i>^{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	mm ²	/ 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

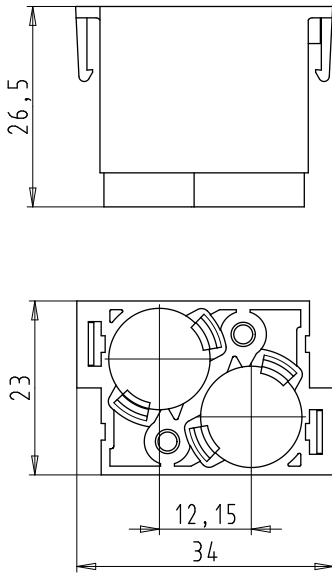
Technical data	
Rated voltage	50V
Rated voltage according to UL/CSA	50 V AC/DC
Rated impulse voltage	0.8 kV
Rated current	10 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm ²
UL	see table below
CSA	see table below
Number of contacts	1
Shielding	Shielding positioned over the cable clamp 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

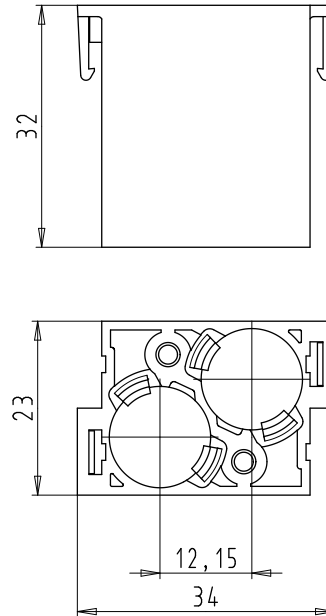
Wire cross section	Rated current	
	UL	CSA
16 AWG, stranded, Cu	20.5 A	11 A
18 AWG, stranded, Cu	18 A	9.5 A
20 AWG, stranded, Cu	14 A	7.5 A
22 AWG, stranded, Cu	12 A	6 A
24 AWG, stranded, Cu	8.5 A	4.5 A
26 AWG, stranded, Cu	7 A	3.5 A

Dimensions

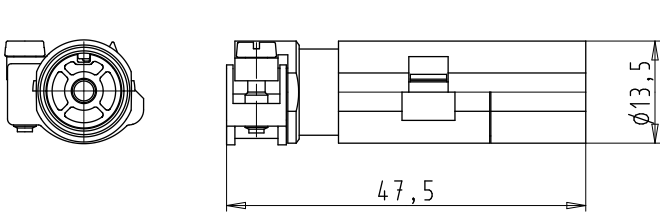
Male insert



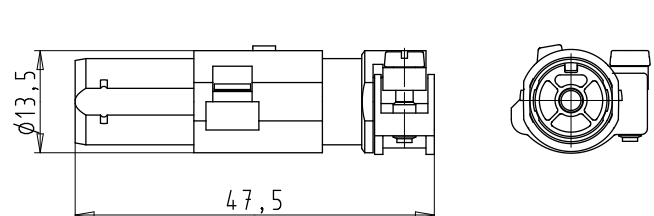
Female insert



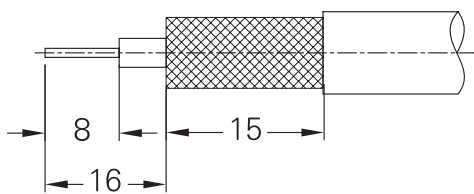
Contact holder male insert



Contact holder female insert

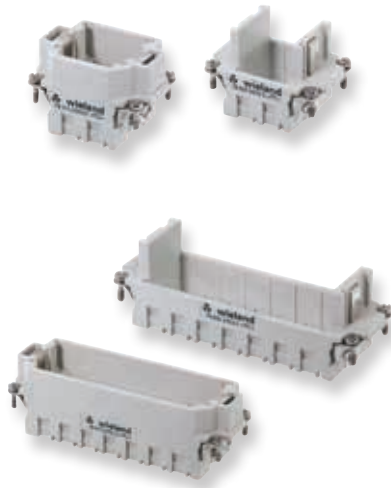


Insulation strip length



Modular connector system

Module frame *revos*^{FLEX}

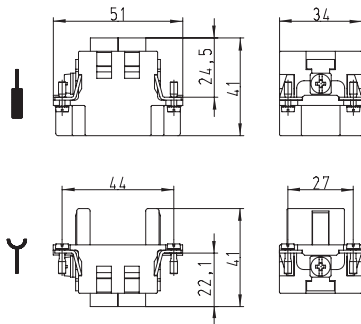


Figures:
2-Slots and 7-Slots
Male / Female

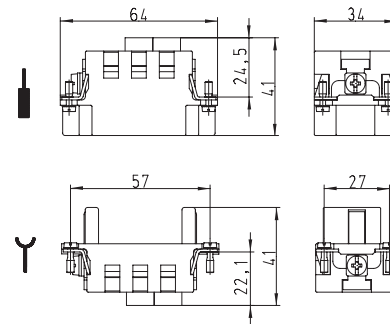
Description	Type	Part No.	P.U.
Module frame <i>revos</i>^{FLEX} gray RAL 7032	2-Slots, Size 6		
Male	FLE MRS 6	78.010.0653.0	10
Female	FLE MRB 6	78.000.0653.0	10
Module frame <i>revos</i>^{FLEX} gray RAL 7032	3-Slots, Size 10		
Male	FLE MRS 10	78.010.1053.0	10
Female	FLE MRB 10	78.000.1053.0	10
Module frame <i>revos</i>^{FLEX} gray RAL 7032	5-Slots, Size 16		
Male	FLE MRS 16	78.010.1653.0	10
Female	FLE MRB 16	78.000.1653.0	10
Module frame <i>revos</i>^{FLEX} gray RAL 7032	7-Slots, Size 24		
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 <i>revos</i>^{BASIC} / <i>revos</i>^{BASIC M}	Type	Page	
Size	6/6H	134–141, 210, 212	
Size	10/10H	142–159, 214, 216	
Size	16/16H	160–179, 218, 220	
Size	24/24H	180–199, 222, 224	

Dimensions

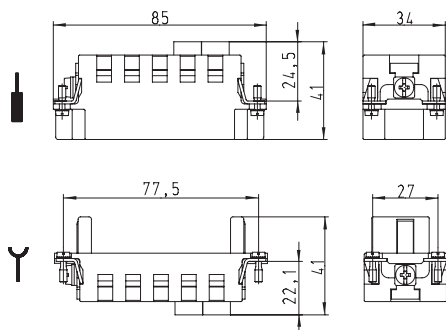
2-Slots



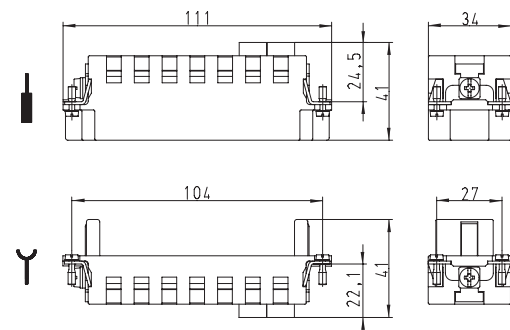
3-Slots



5-Slots



7-Slots



Modular connector system – Extraction tool

Extraction tool	Description	Type	Part No.	P.U.
 <p>3-pole</p>	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
 <p>for modular inserts</p>				

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, $\rightarrow \text{Ø} \leftarrow$ 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, $\rightarrow \text{Ø} \leftarrow$ 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, $\rightarrow \text{Ø} \leftarrow$ 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, $\rightarrow \text{Ø} \leftarrow$ 11 – 18 mm	RFC TS 1M M20T A25	25	78.363.0134.5	1

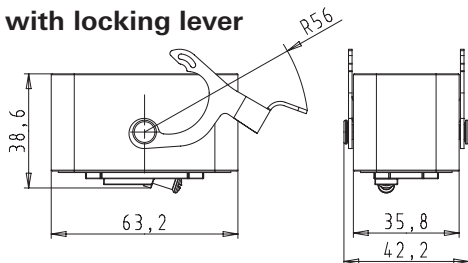
Technical data	
Material	aluminum
Surface	-
Locking levers	stainless steel
Gasket	NBR
PE connection	0.34 – 10 mm ²
Corrosion protection	720 hrs (ISO 9227)
Mating cycles	500 (EN 61984)
Vibration	Class B – Category 1 (DIN EN 50155)
Degree of protection	
with appropriate cable glands	IP65 & IP68 (3 m / 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

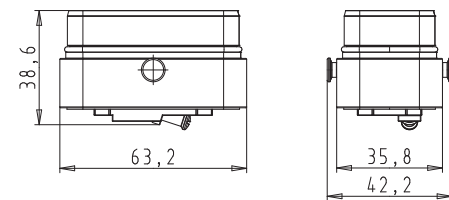
Dimensions

Module Carrier

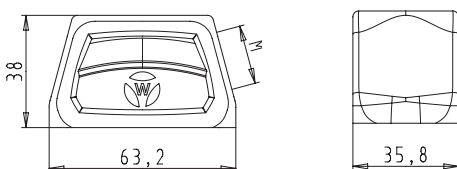
with locking lever



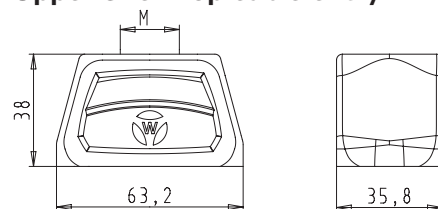
without locking lever



Upper Shell Lateral cable entry



Upper Shell Top cable entry



A combination for a control cabinet feed-through consists of one upper shell, one module carrier with locking lever and one without locking lever.

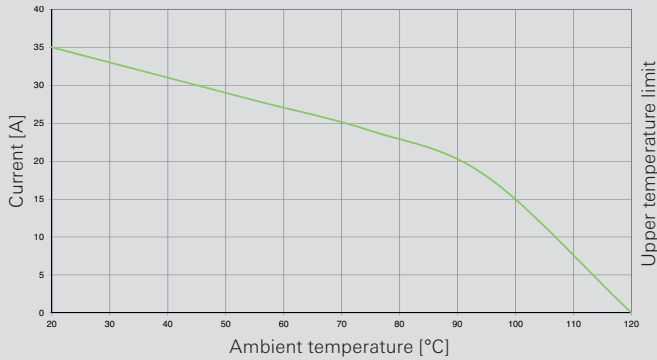
A combination for a cable-to-cable connection consists of two upper shells, one module carrier with locking lever and one without locking lever.

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

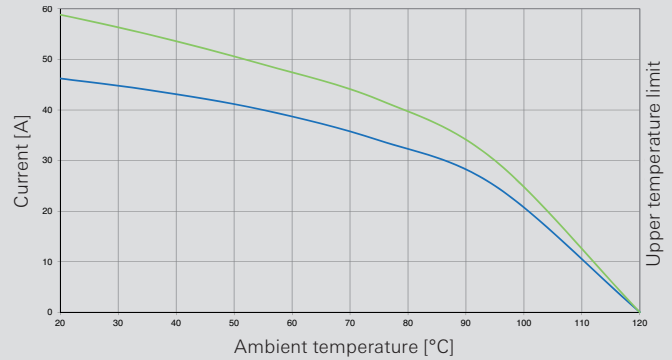


Derating curve according to IEC 60512 sec. 3

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

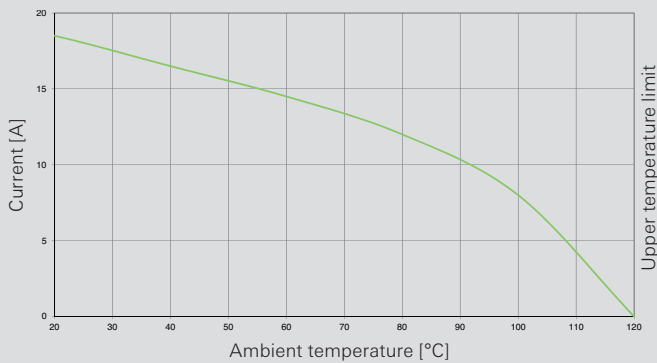
— Contact Ø 3.6 mm turned, 10 mm², 3-pole



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

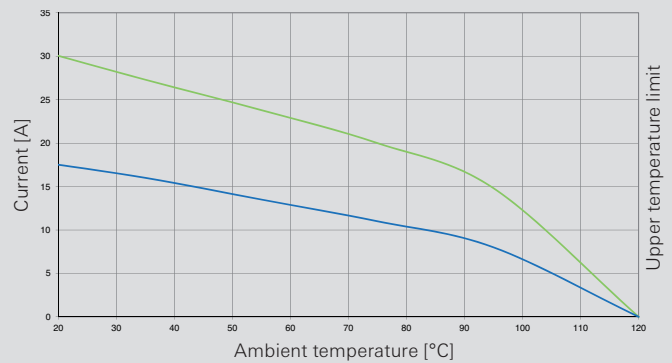


Derating curve according to IEC 60512 sec. 3

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

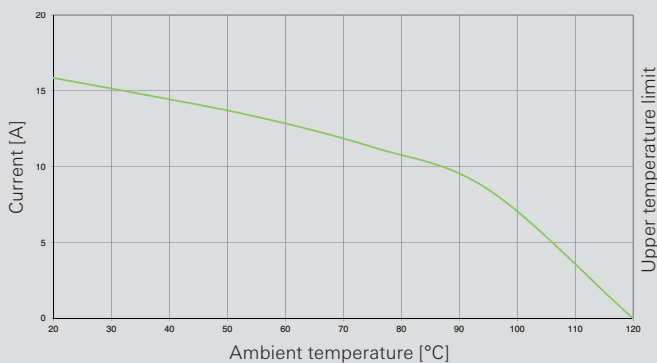
— Contact Ø 2.5 mm turned, 2.5 mm², 5-pole



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

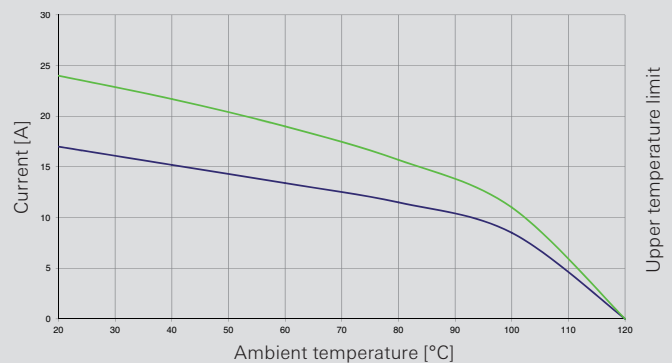


Derating curve according to IEC 60512 sec. 3

revosFLEX 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



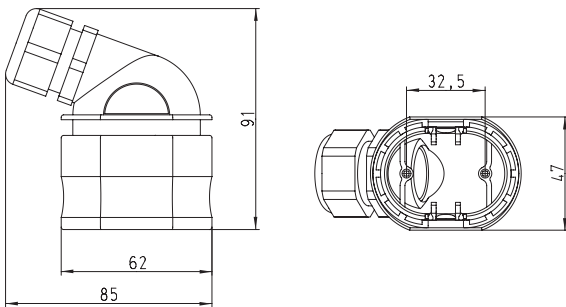
Open-bottom base



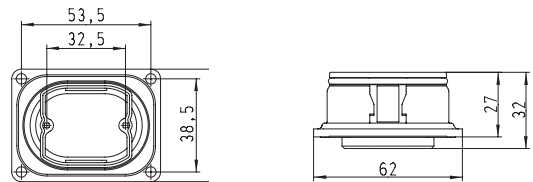
Description	Type	Part No.	P.U.
Plastic connector <i>revos</i>^{MOT}			
Hood, side cable entry			
with M25 gland → ← 7 – 16 mm	10-pole + ground MOT GOT 2 W25 SW P0	75.013.0051.0	10
with threaded bore hole M25	MOT GOT 2 W25 SW P2	75.013.0051.2	10
Bases			
open	MOT GUT 2 O SW P	75.013.5051.0	10
Technical 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



690 V contact inserts

Contact inserts

revos^{MOT}



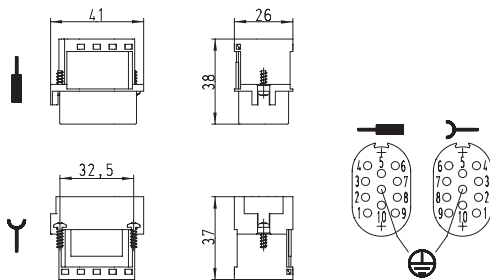
10-pole + ground



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

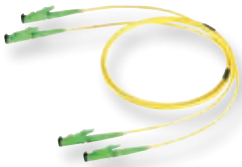
Connector + protective cover



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 E-2000 connector + protective cover, assembled*1	E-2000 R2E2 R2E2A01LXXX*3	99.7xx.9999.9*3	1
1 x revos E-2000 connector + protective cover, assembled*2	E-2000 R2E2 0000A01LXXX*3	99.7xx.9999.9*3	1
revos E-2000 adapter housing + safety cap			
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)	typ. 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 61000-6-2 / 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

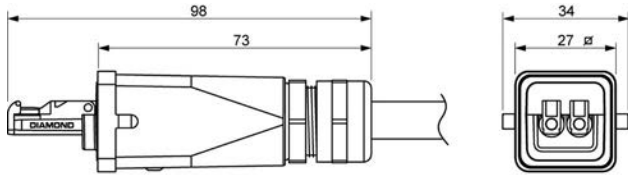
*2 the flexible solid core cable, suitable for industrial and military applications, single mode 9 μm; Jacket color black, provided on one side with the **revos** MINI-connector; other side blunt end

*3 xx = dependent on cable length; upon request

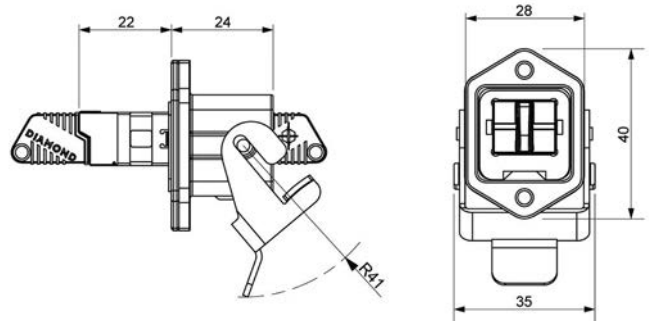
Dimensions

Dimensions

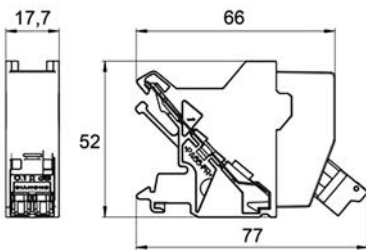
Connector



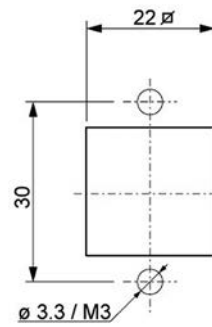
Adapter housing



Hat rail module E-2000



Drilling Template 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}



Plastic housings for revos^{MINI}



Description	Type	M	Part No.	P.U.
Hoods				
Metal housings for revos^{MINI}				
Lateral cable entry M20				
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow 3 - 14.5 \text{ mm}$	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, $\rightarrow \text{Ø} \leftarrow 3 - 14.5 \text{ mm}$	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, $\rightarrow \text{Ø} \leftarrow 3 - 14.5 \text{ mm}$	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, $\rightarrow \text{Ø} \leftarrow 3 - 14.5 \text{ mm}$	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, $\rightarrow \text{Ø} \leftarrow 6 - 12 \text{ mm}$	MIN GOT GB7HM20 25 Z5	20	76.362.0736.5	1
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, $\rightarrow \text{Ø} \leftarrow 6 - 12 \text{ mm}$	MIN GOT GA 7 M20 25 P5	20	76.350.0760.5	10
Top cable entry M20				
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow 3 - 14.5 \text{ mm}$	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, $\rightarrow \text{Ø} \leftarrow 6 - 12 \text{ mm}$	MIN GOT GC 7 M20 25 P5	20	76.372.0760.5	10

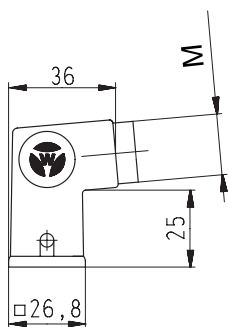
Technical data		
Material	metal	plastic
	Die cast zinc alloy	Polyamide
Surface	silicon-free	
Locking levers	zinc-plated steel	
Gasket	NBR	
Degree of protection		
with latched locking levers	IP54	
with appropriate cable glands	IP65	
Temperature range	-40 ... +120 °C	

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

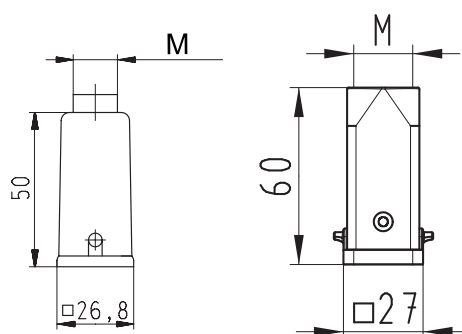
Dimensions

Hoods

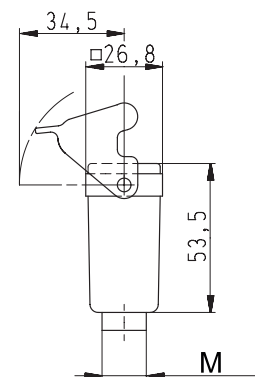
Lateral cable entry



Top cable entry



for cable-to-cable couplings



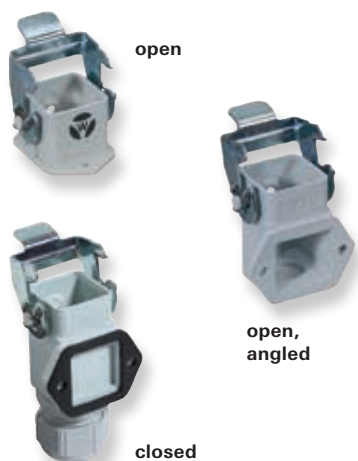
Bases

Bases

Metal housings for *revos* MINI



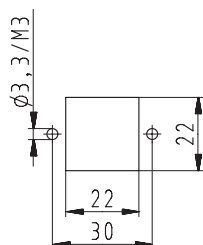
Plastic housings for *revos* MINI



Description	Type	M	Part No.	P.U.
Bases	Metal housings for <i>revos</i> 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, $\rightarrow \text{Ø}$ 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 <i>revos</i> 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, $\rightarrow \text{Ø}$ 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	

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	

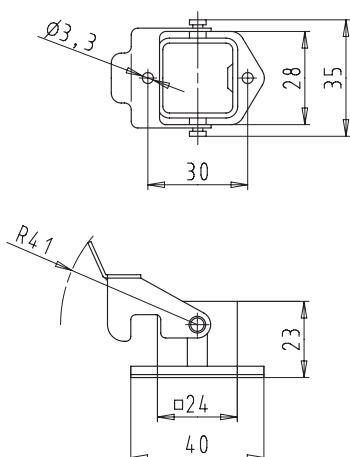


Drilling Template

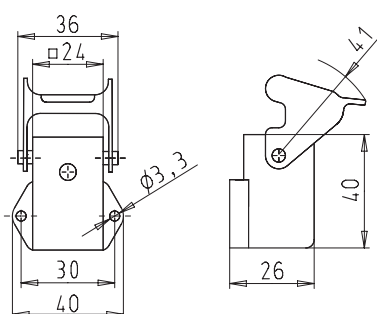
Dimensions

Bases

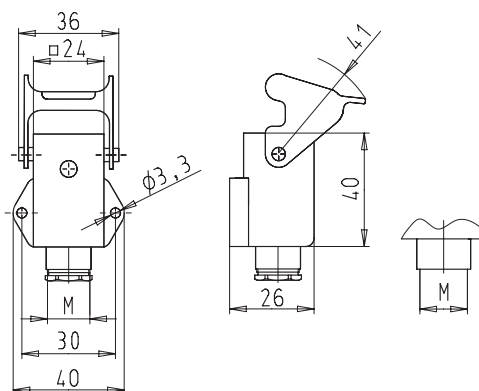
open



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

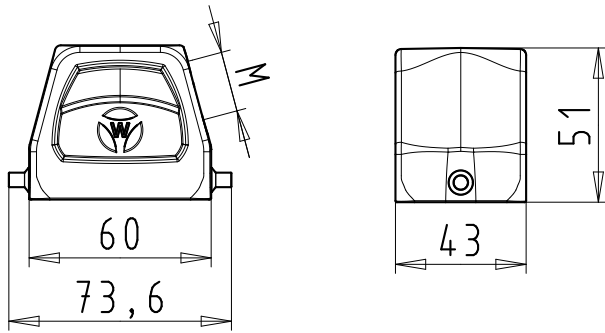


Description	Type	M	Part No.	P.U.
Hoods, size 6		Aluminum housing		
Lateral cable entry M20				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	BAS GOT GG 6 M20 A0	20	70.350.0635.0	1
with threaded collar	BAS GOT GG 6 M20 A1	20	70.350.0635.1	1
with intermediate support	BAS GOT GG 6 M20 A2	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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 3 – 14.5 mm	BAS GOT GI 6 M20 A0	20	70.352.0635.0	1
with cable gland, IP54, $\rightarrow \varnothing $ 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	

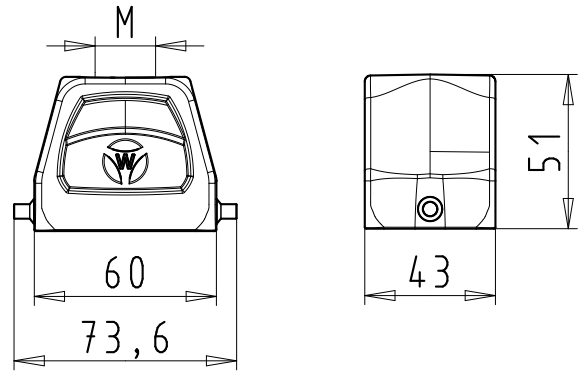
Dimensions

Hoods

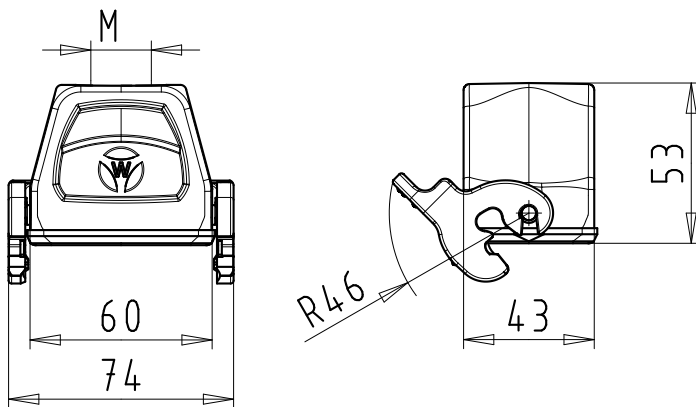
Lateral cable entry



Top cable entry



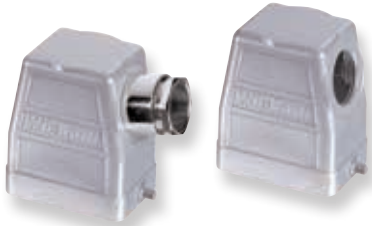
Multipole connectors for cable-to-cable couplings



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

Hoods, Size 6H, increased height design

Lateral cable entry



Top cable entry



Front cable entry



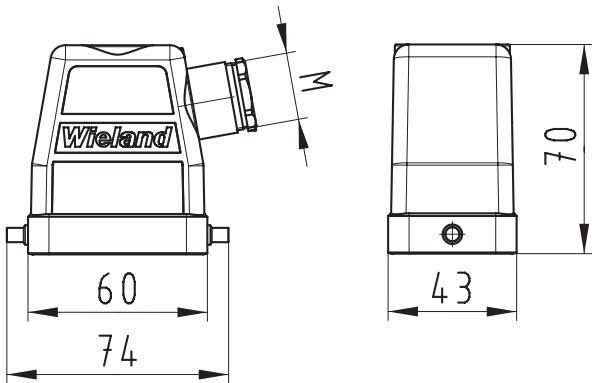
Description	Type	M	Part No.	P.U.
Hoods, size 6H				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow$ 7.5 – 19 mm	BAS GOT GG 6H M25 A0	25	73.350.0635.0	1
with threaded collar	BAS GOT GG 6H M25 A1	25	73.350.0635.1	1
with intermediate support	BAS GOT GG 6H M25 A2	25	73.350.0635.2	1
with strain relief, IP54, $\rightarrow \text{Ø} \leftarrow$ 14 – 20 mm	BAS GOT GG 6H M25 A3	25	73.350.0635.3	1
Lateral cable entry M32				
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow$ 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, $\rightarrow \text{Ø} \leftarrow$ 19 – 29 mm	BAS GOT GG 6H M32 A3	32	73.353.0635.3	1
Top cable entry M25				
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow$ 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, $\rightarrow \text{Ø} \leftarrow$ 14 – 20 mm	BAS GOT GI 6H M25 A3	25	73.352.0635.3	1
Top cable entry M32				
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow$ 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, $\rightarrow \text{Ø} \leftarrow$ 19 – 29 mm	BAS GOT GI 6H M32 A3	32	73.354.0635.3	1
Front cable entry M20				
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow$ 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, $\rightarrow \text{Ø} \leftarrow$ 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	

Dimensions

Hoods

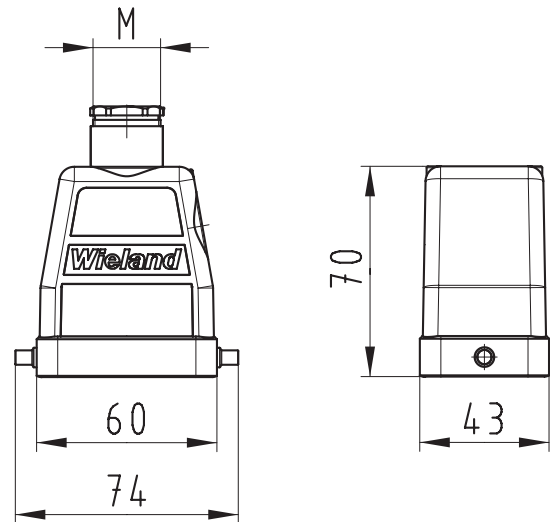
Lateral cable entry,

with cable gland
IP54

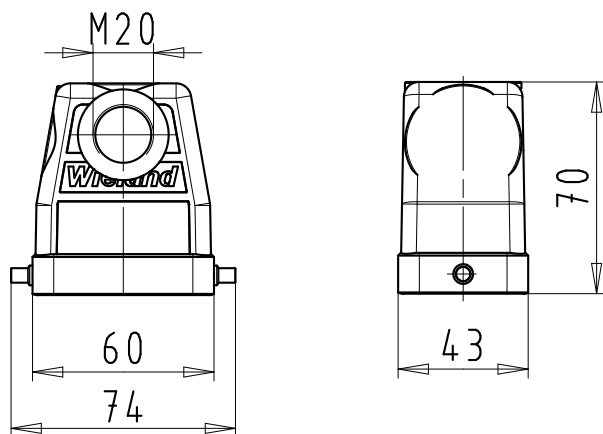


Top cable entry,

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

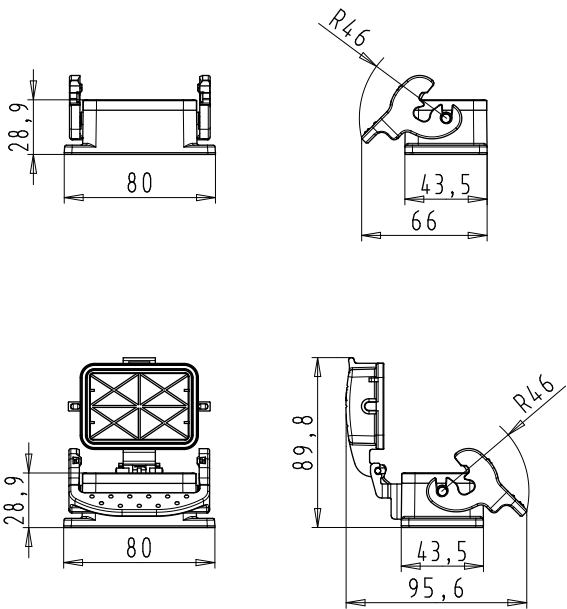


Description	Type	M	Part No.	P.U.
500 V Bases, size 6				
Open-bottom base				
without cover	BAS GUT GK 6 A		70.320.0628.0	1
with cover	BAS GUT GP 6 A		70.325.0628.0	1
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	BAS 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	

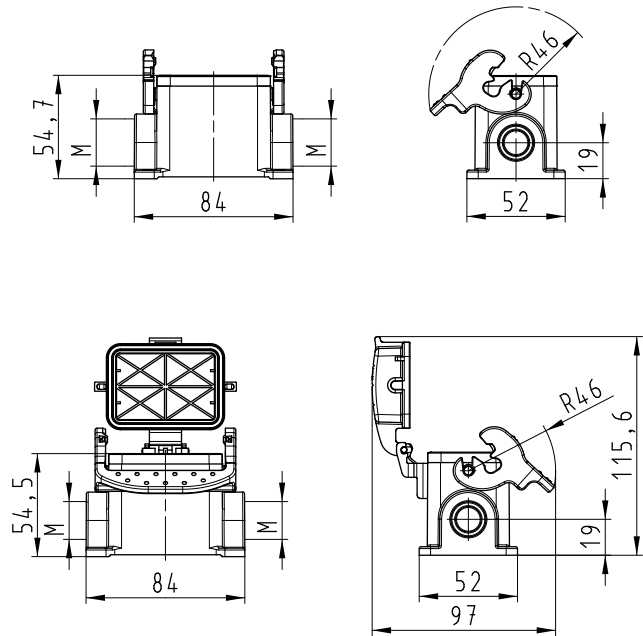
Dimensions

Bases

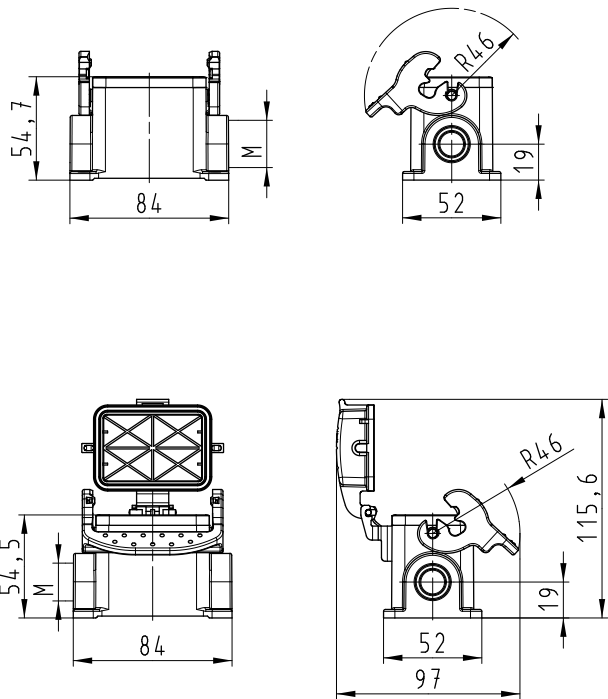
open



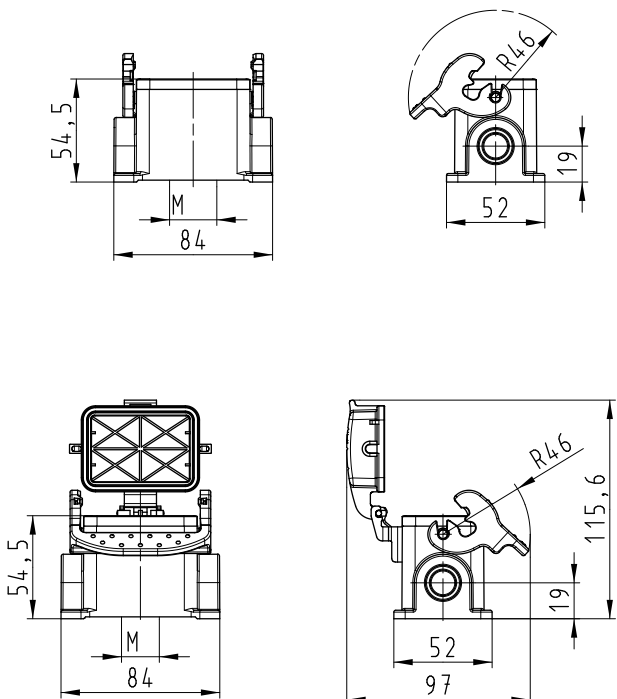
closed, 2 cable glands



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

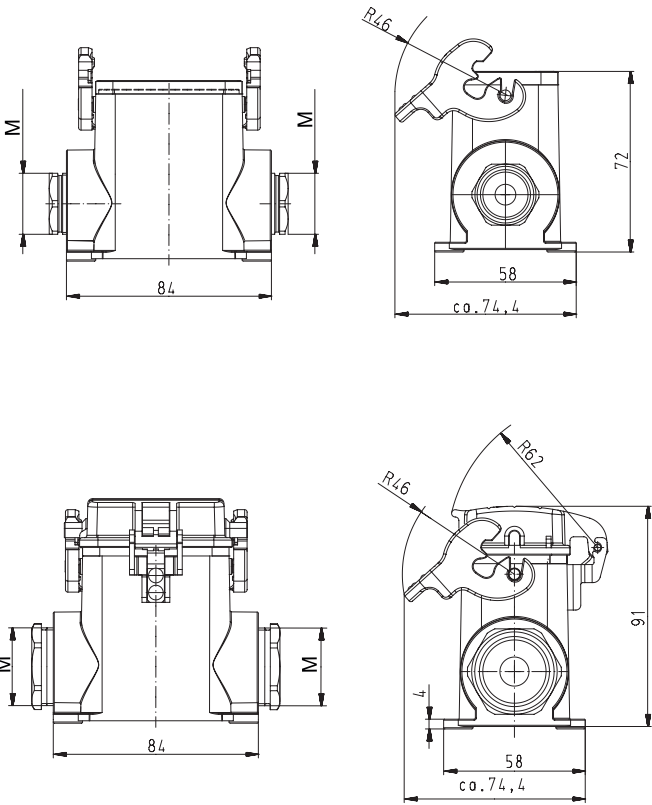


Description	Type	M	Part No.	P.U.
Bases, size 6H				
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GUT GL 6H M25 A0	25	73.330.0635.0	1
with threaded collar	BAS GUT GL 6H M25 A1	25	73.330.0635.1	1
with cover				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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

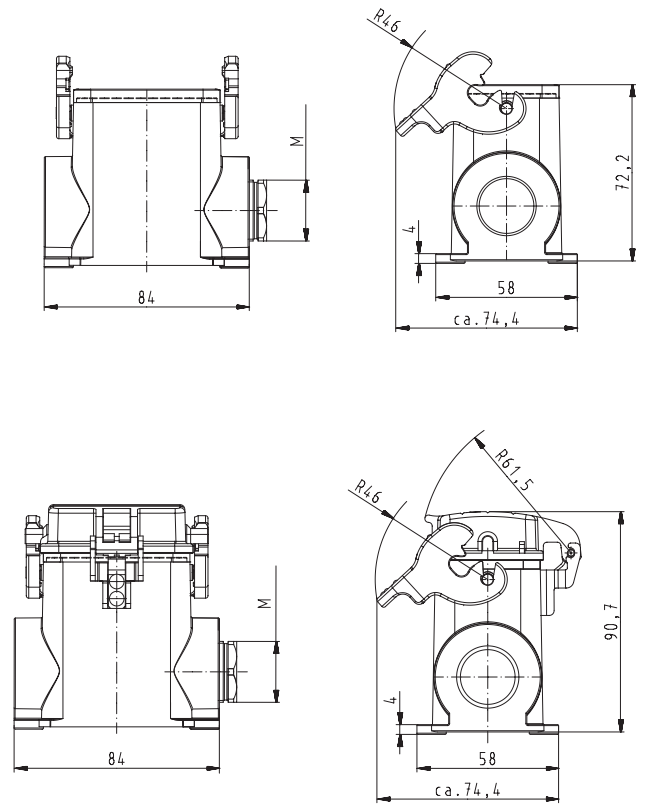
Dimensions

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

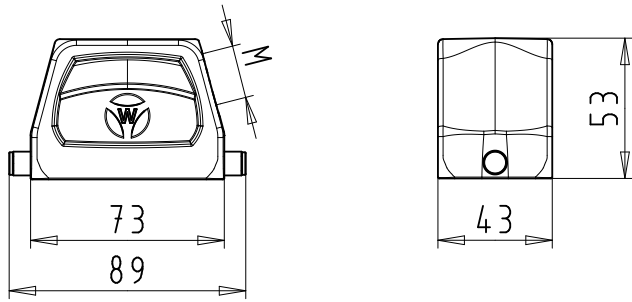


Description	Type	M	Part No.	P.U.
Hoods, size 10				
Lateral cable entry M20				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	BAS GOT GG 10 M20 A0	20	71.350.1035.0	1
with threaded collar	BAS GOT GG 10 M20 A1	20	71.350.1035.1	1
with intermediate support	BAS GOT GG 10 M20 A2	20	71.350.1035.2	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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 3 – 14.5 mm	BAS GOT GI 10 M20 A0	20	71.352.1035.0	1
with cable gland, IP54, $\rightarrow \varnothing $ 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	

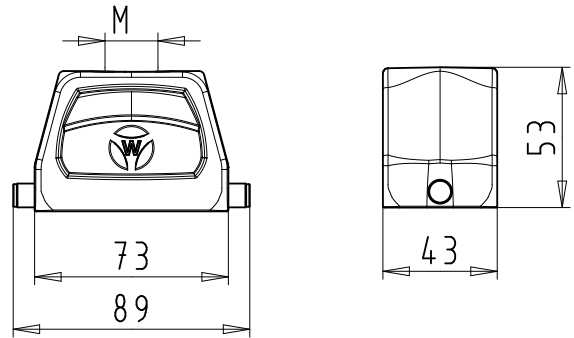
Dimensions

Hoods

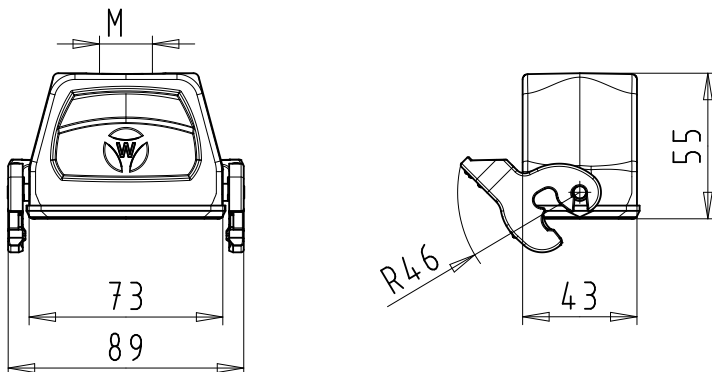
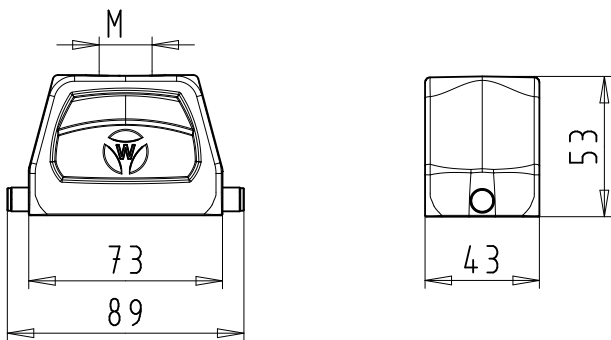
Lateral cable entry



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

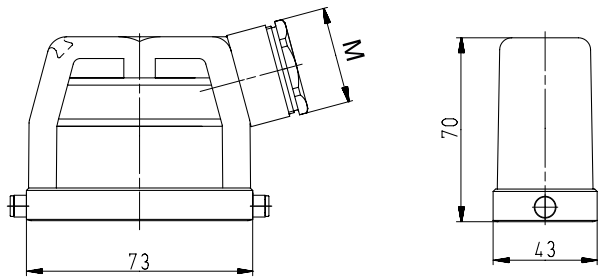


Description	Type	M	Part No.	P.U.
Hoods, size 10H				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GG 10H M25 A0	25	76.350.1035.0	1
with threaded collar	BAS GOT GG 10H M25 A1	25	76.350.1035.1	1
Lateral cable entry M32				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	

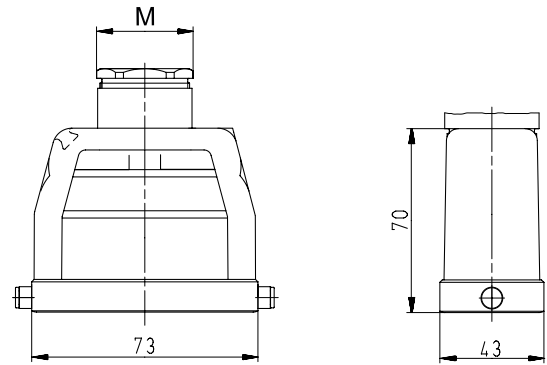
Dimensions

Hoods

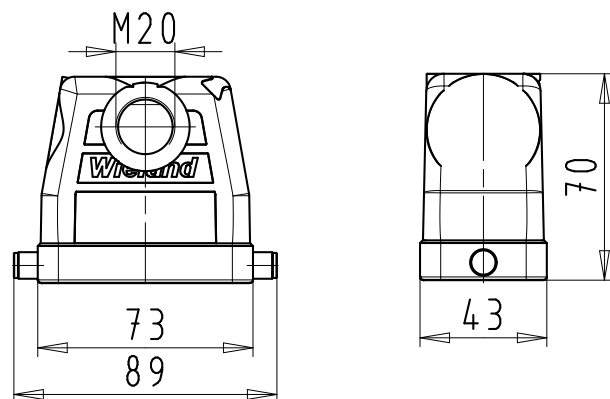
Lateral cable entry



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				
Open-bottom base				
without cover				
without cover	BAS GUT GK 10 A		71.320.1028.0	1
with cover				
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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	

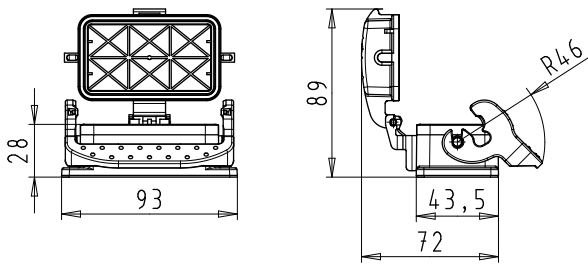
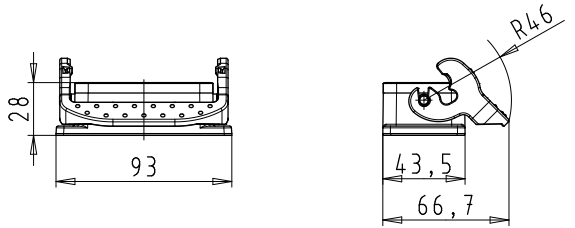
All Bases on this page are also available in M25 design.
The fifth digit of the part number always increases by 4 for M25 compared to the corresponding M20 designs.

Example:
71.341.1035.0 for M20 becomes 71.345.1035.0 for M25

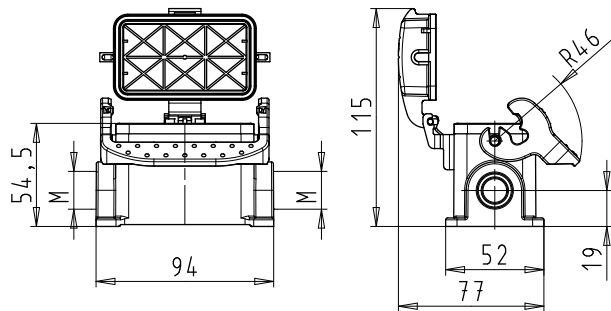
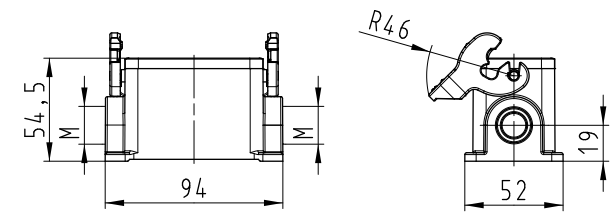
Dimensions

Bases

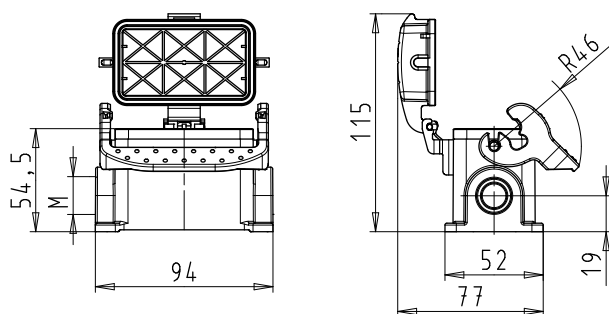
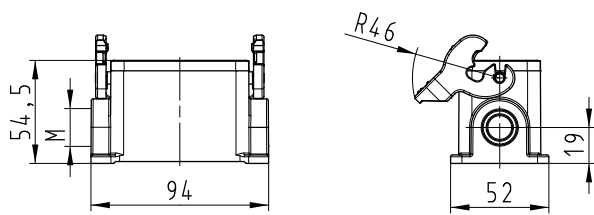
open



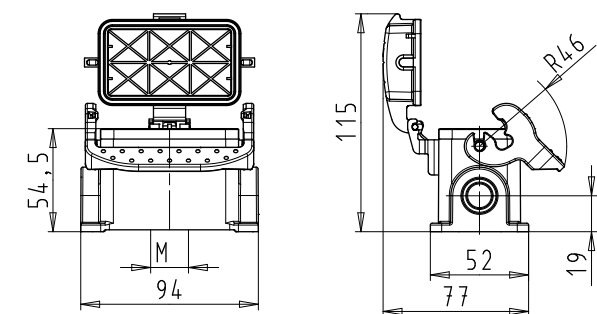
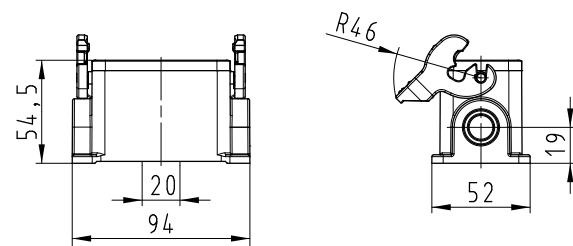
closed, 2 cable glands



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

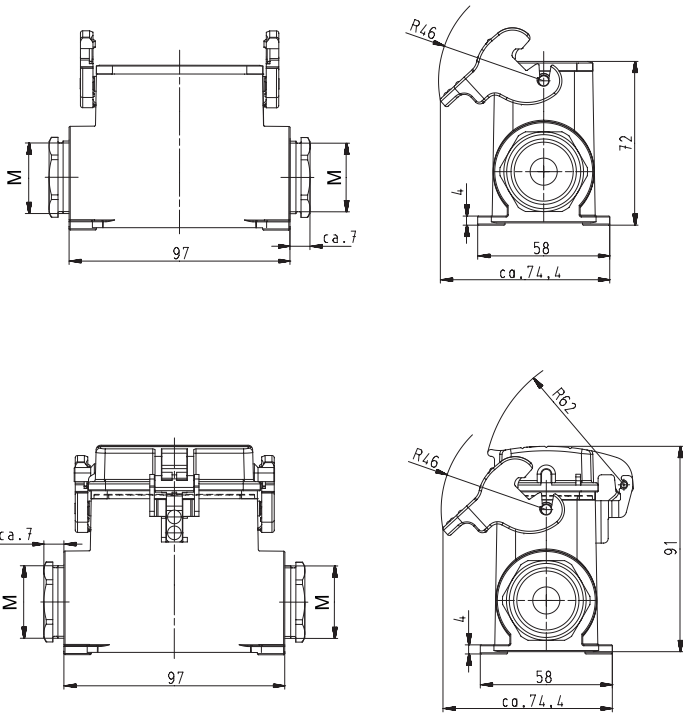


Description	Type	M	Part No.	P.U.
Bases, size 10H				
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, $\rightarrow \text{Ø} $ 7.5 – 19 mm	BAS GUT GL 10H M25 A0	25	76.330.1035.0	1
with threaded collar	BAS GUT GL 10H M25 A1	25	76.330.1035.1	1
with cover				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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	

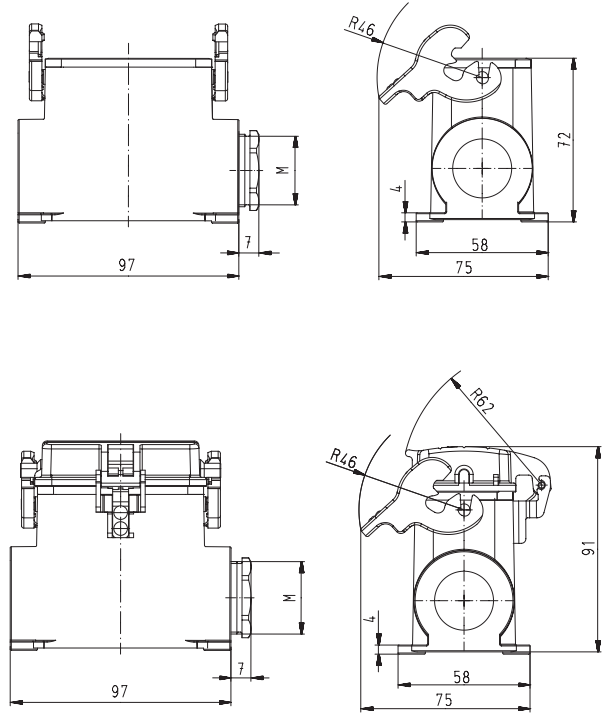
Dimensions

Bases

closed, 2 cable glands



closed, 1 cable gland



Hoods, double locking lever Size 10

Hoods Size 10



Lateral cable entry



Top cable entry

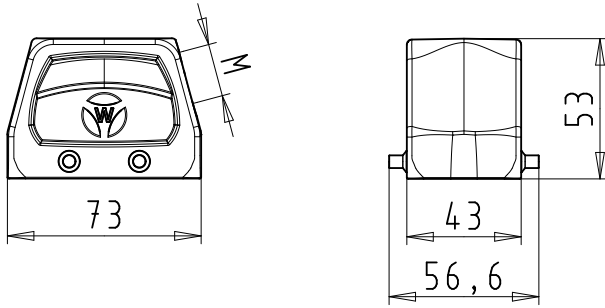


Description	Type	M	Part No.	P.U.
Hoods, size 10				
Lateral cable entry M20				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	BAS GOT GA 10 M20 A0	20	70.350.1035.0	1
with threaded collar	BAS GOT GA 10 M20 A1	20	70.350.1035.1	1
with intermediate support	BAS GOT GA 10 M20 A2	20	70.350.1035.2	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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	

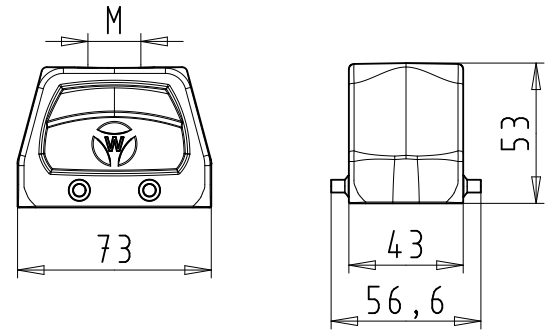
Dimensions

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

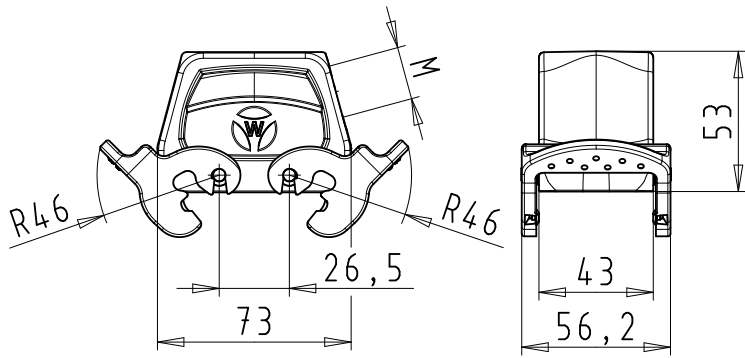


Description	Type	M	Part No.	P.U.
Hoods, size 10				
Lateral cable entry M20				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	BAS GOT GD 10 M20 A0	20	70.355.1035.0	1
with threaded collar	BAS GOT GD 10 M20 A1	20	70.355.1035.1	1
with intermediate support	BAS GOT GD 10 M20 A2	20	70.355.1035.2	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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 3 – 14.5 mm	BAS GOT GC 10 M20 A0	20	70.352.1035.0	1
with cable gland, IP54, $\rightarrow \varnothing $ 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	

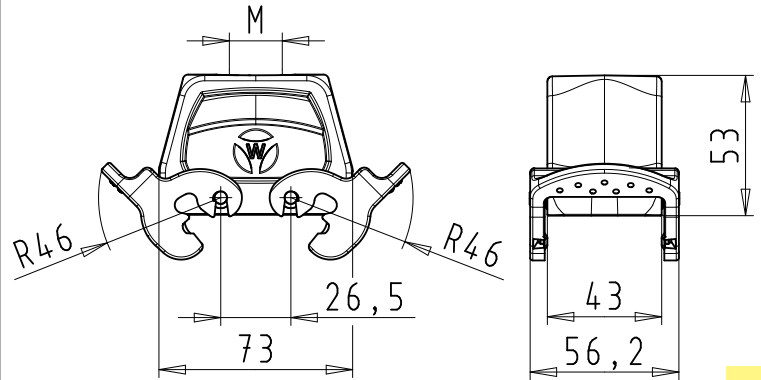
Dimensions

Hoods with Locking levers

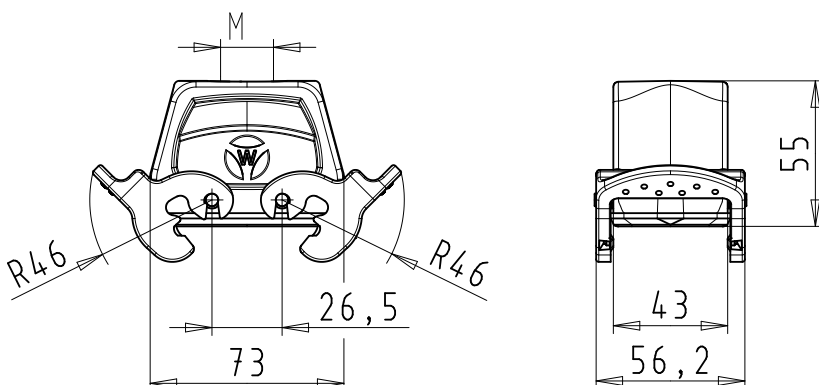
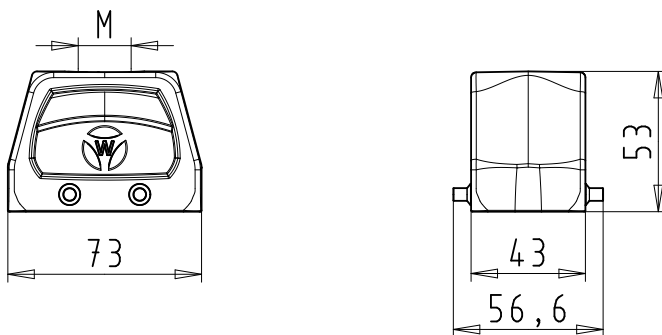
Lateral cable entry



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

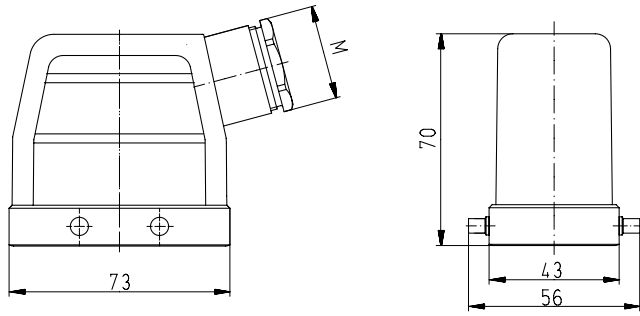


Description	Type	M	Part No.	P.U.
Hoods, size 10H				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \text{Ø} $ 7.5 – 19 mm	BAS GOT GA 10H M25 B0 A0	25	73.350.1035.0	1
with threaded collar	BAS GOT GA 10H M25 B0 A1	25	73.350.1035.1	1
with intermediate support	BAS GOT GA 10H M25 B2 A2	25	73.350.1035.2	1
with strain relief, IP54	BAS GOT GA 10H M25 B3 A3	25	73.350.1035.3	1
Lateral cable entry M32				
with cable gland, IP54, $\rightarrow \text{Ø} $ 15 – 26.5 mm	BAS GOT GA 10H M32 B0 A0	32	73.353.1035.0	1
with threaded collar	BAS GOT GA 10H M32 B0 A1	32	73.353.1035.1	1
with intermediate support	BAS GOT GA 10H M32 B2 A2	32	73.353.1035.2	1
with strain relief, IP54	BAS GOT GA 10H M32 B3 A3	32	73.353.1035.3	1
Top cable entry M25				
with cable gland, IP54, $\rightarrow \text{Ø} $ 7.5 – 19 mm	BAS GOT GC 10H M25 B0 A0	25	73.352.1035.0	1
with threaded collar	BAS GOT GC 10H M25 B0 A1	25	73.352.1035.1	1
with intermediate support	BAS GOT GC 10H M25 B2 A2	25	73.352.1035.2	1
with strain relief, IP54	BAS GOT GC 10H M25 B3 A3	25	73.352.1035.3	1
Top cable entry M32				
with cable gland, IP54, $\rightarrow \text{Ø} $ 15 – 26.5 mm	BAS GOT GC 10H M32 B0 A0	32	73.354.1035.0	1
with threaded collar	BAS GOT GC 10H M32 B0 A1	32	73.354.1035.1	1
with intermediate support	BAS GOT GC 10H M32 B2 A2	32	73.354.1035.2	1
with strain relief, IP54	BAS GOT GC 10H M32 B3 A3	32	73.354.1035.3	1
Front cable entry M20				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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	

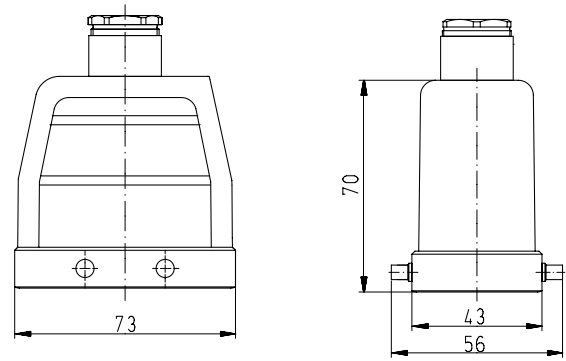
Dimensions

Hoods

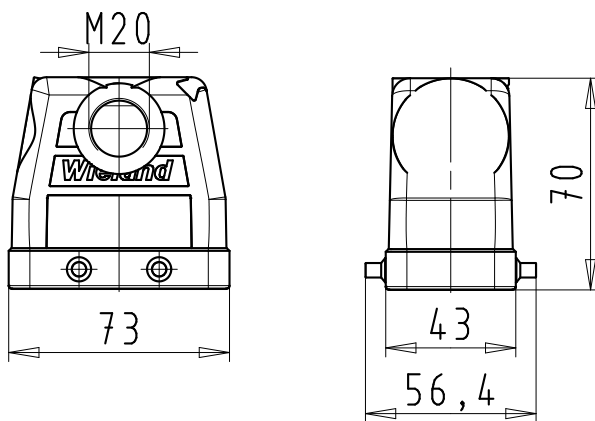
Lateral cable entry



Top cable entry



Front cable entry



Bases, double locking lever

Size 10

Bases, Size 10



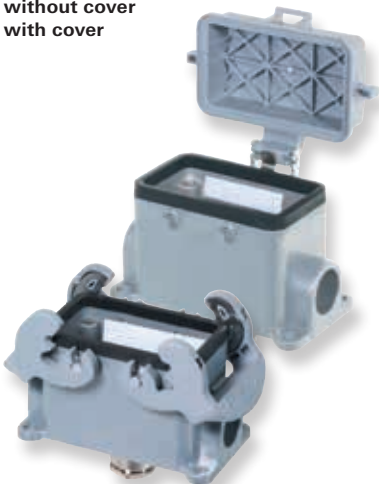
open
without cover
with cover



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				
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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	

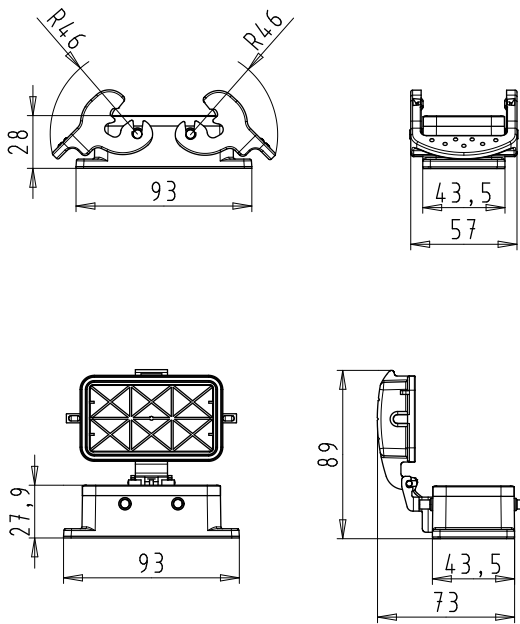
All Bases on this page are also available in M25 design.
The fifth digit of the part number always increases by 4 for M25 compared to the corresponding M20 designs.

Example:
70.341.1035.0 for M20 becomes 70.34**5**.0635.0 for M25

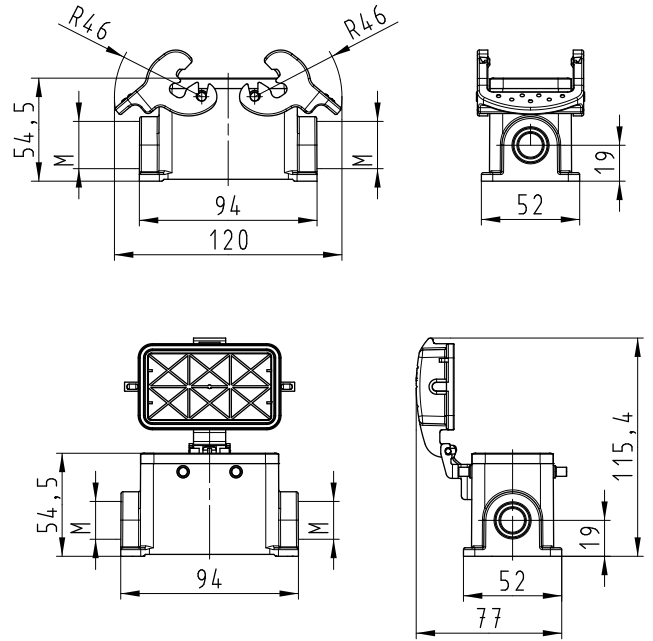
Dimensions

Bases

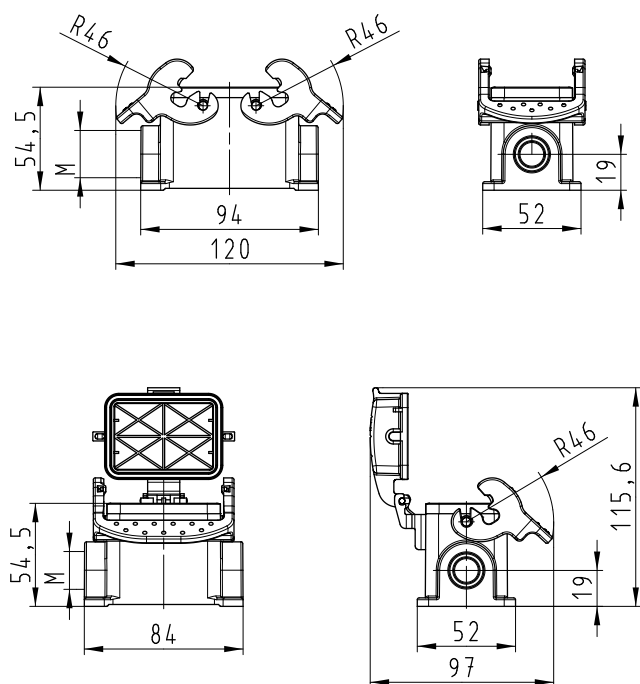
open



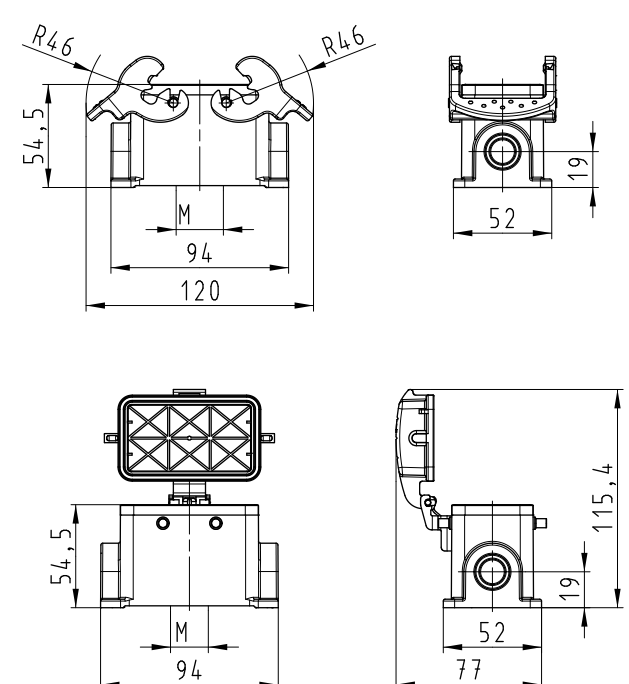
closed, 2 cable glands



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**

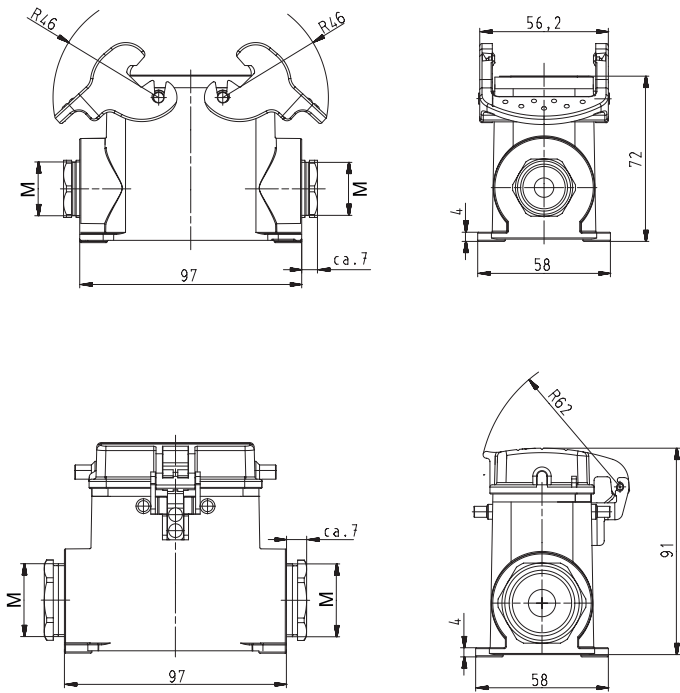


Description	Type	M	Part No.	P.U.
Bases, size 10H	Aluminum housing			
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, $\rightarrow \text{Ø} $ 7.5 – 19 mm	BAS GUT GB 10H M25 A0	25	73.330.1035.0	1
with threaded collar	BAS GUT GB 10H M25 A1	25	73.330.1035.1	1
with cover				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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	

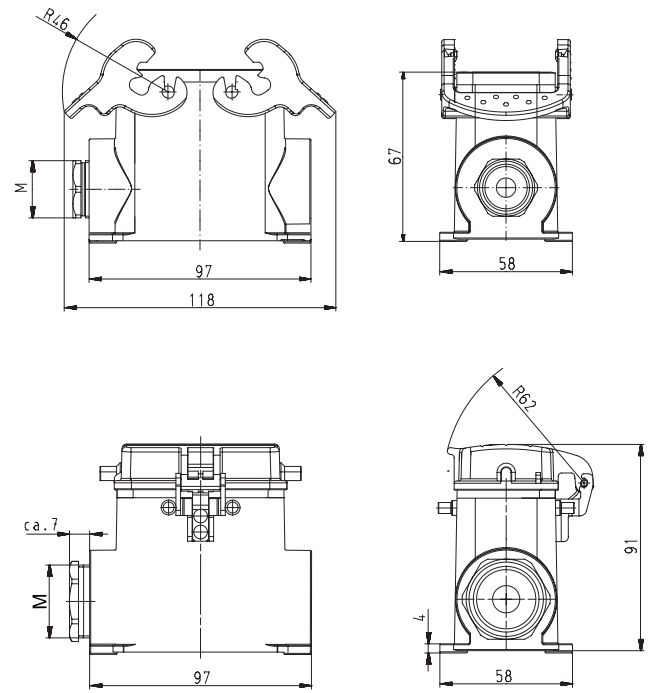
Dimensions

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

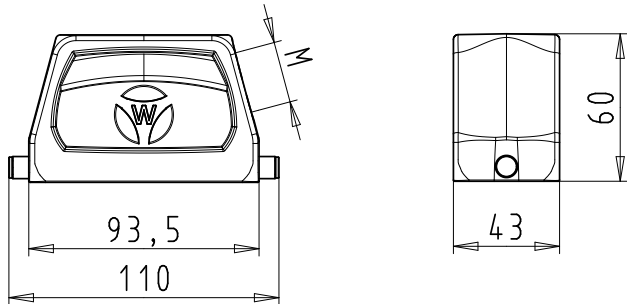


Description	Type	M	Part No.	P.U.
Hoods, size 16		Aluminum housing		
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GG 16 M25 A0	25	71.350.1635.0	1
with threaded collar	BAS GOT GG 16 M25 A1	25	71.350.1635.1	1
with intermediate support	BAS GOT GG 16 M25 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GI 16 M25 A0	25	71.352.1635.0	1
with cable gland, IP54, $\rightarrow \varnothing $ 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	powder coated			
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	

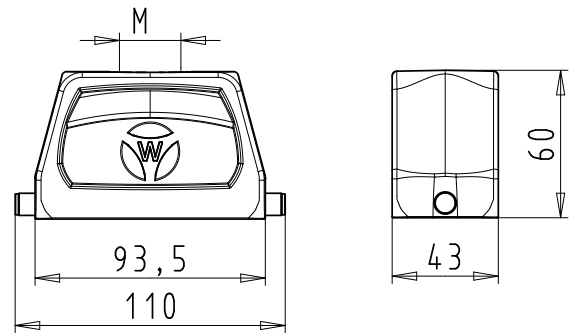
Dimensions

Hoods

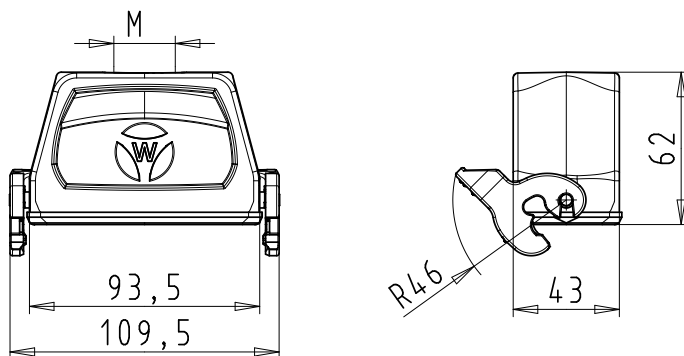
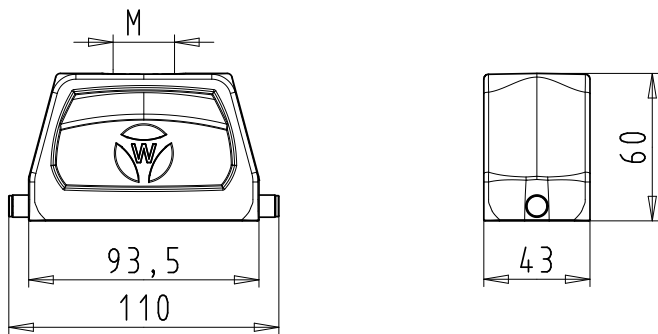
Lateral cable entry



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

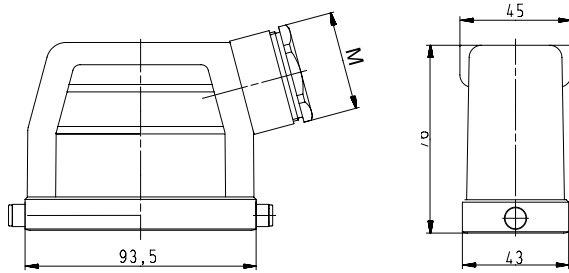


Description	Type	M	Part No.	P.U.
Hoods, size 16H				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GG 16H M25 A0	25	76.350.4035.0	1
with threaded collar	BAS GOT GG 16H M25 A1	25	76.350.4035.1	1
with intermediate support	BAS GOT GG 16H M25 A2	25	76.350.4035.2	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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 15 – 26.5 mm	BAS GOT GI 16H M32 A0	32	76.354.4035.0	1
with cable gland, IP54, $\rightarrow \varnothing $ 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	powder coated			
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	

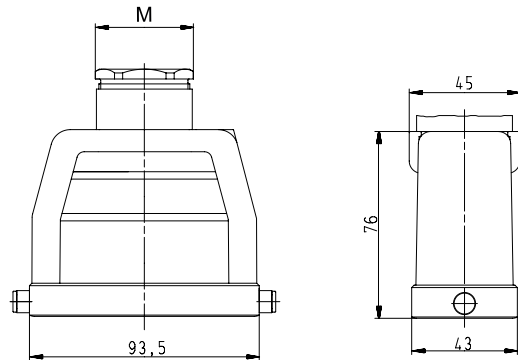
Dimensions

Hoods

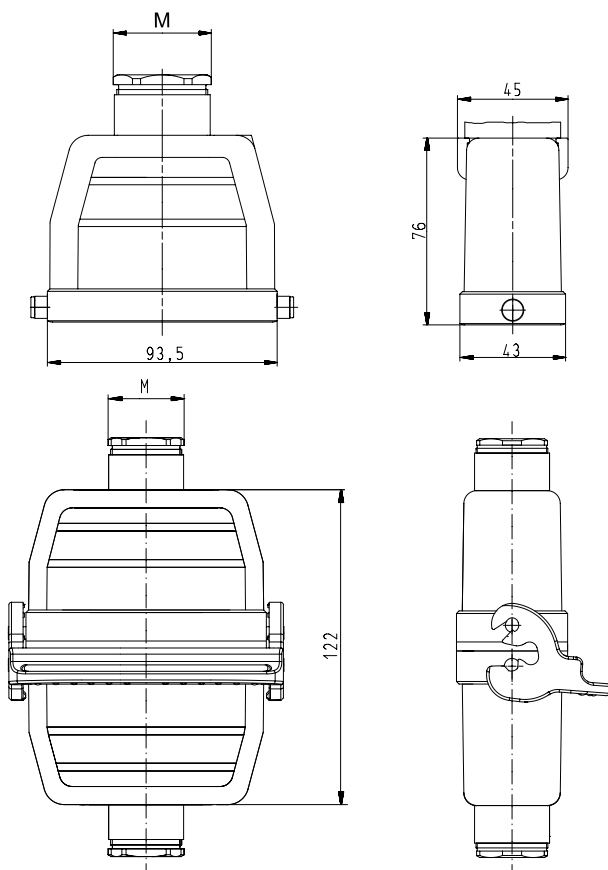
Lateral cable entry



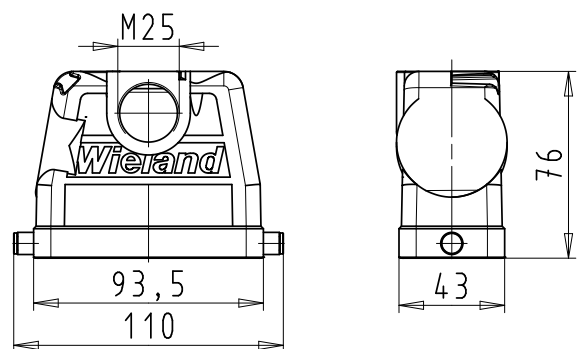
Top cable entry



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

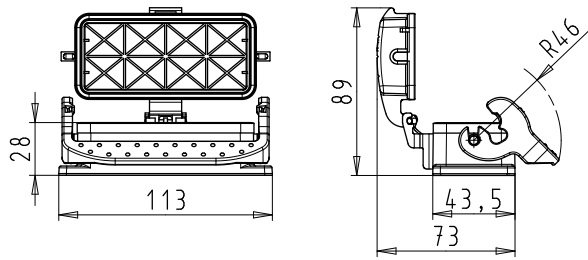
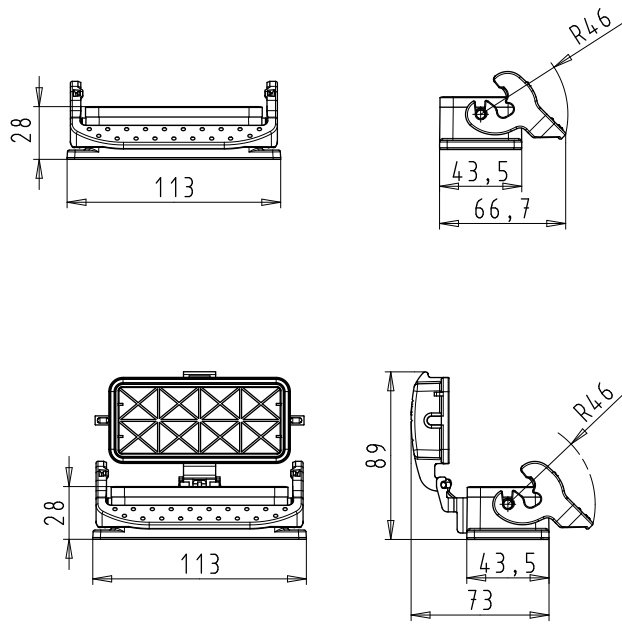


Description	Type	M	Part No.	P.U.
Bases, size 16				
Open-bottom base				
without cover	BAS GUT GK 16 A		71.320.1628.0	1
with cover	BAS GUT GP 16 A		71.325.1628.0	1
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5– 19 mm	BAS GUT 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated			
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	

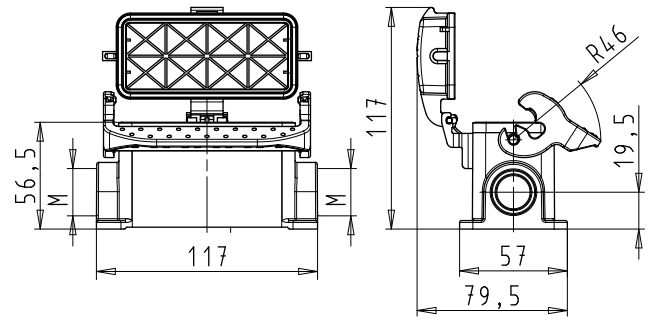
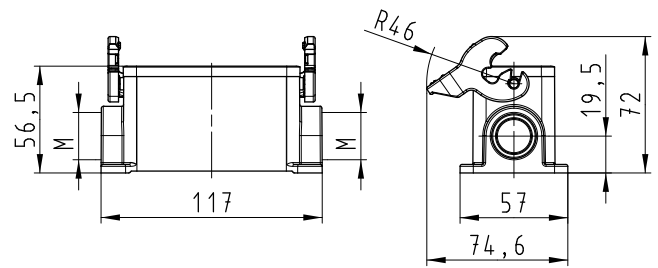
Dimensions

Bases

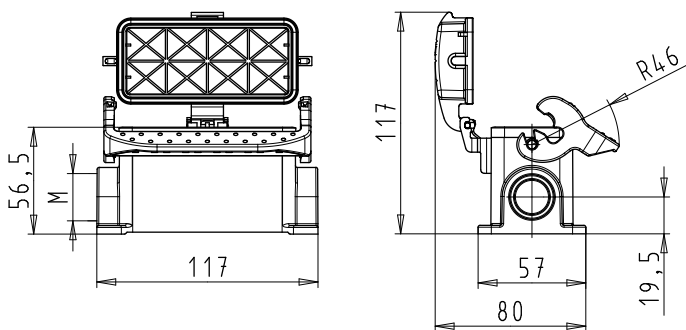
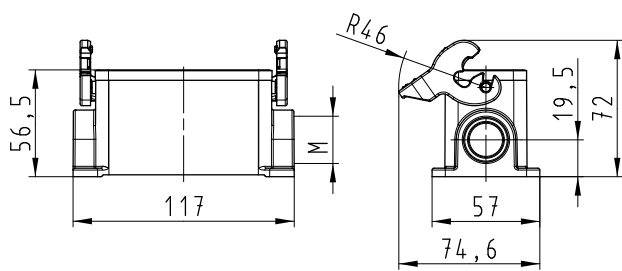
open



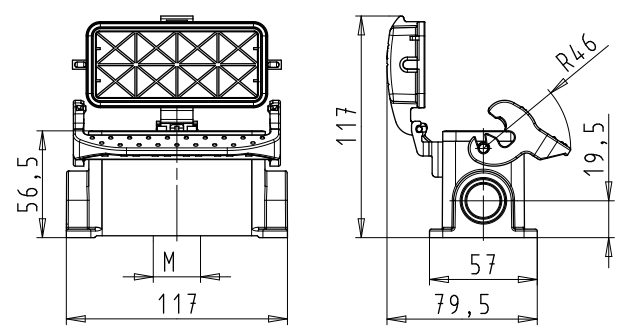
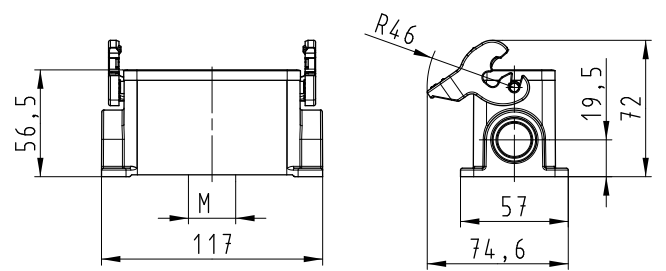
closed, 2 cable glands



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				
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated
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

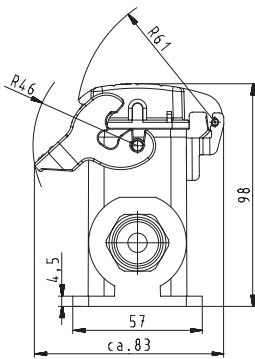
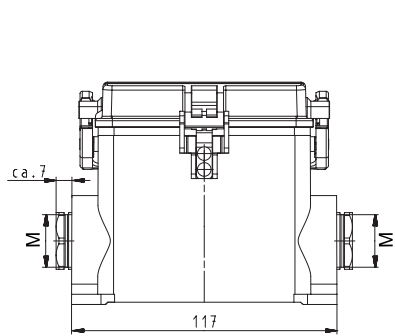
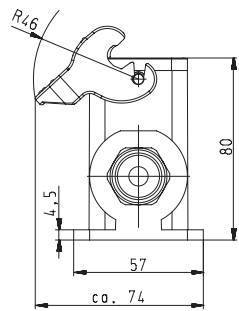
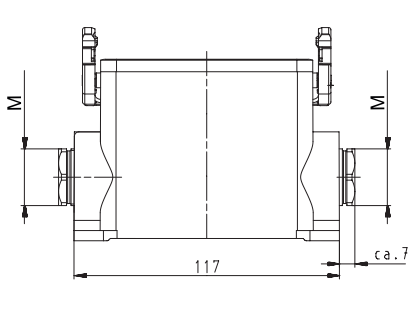
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	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.

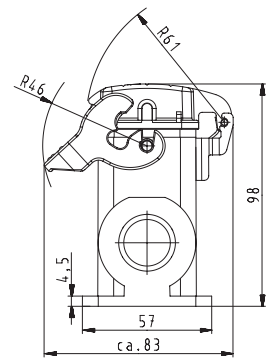
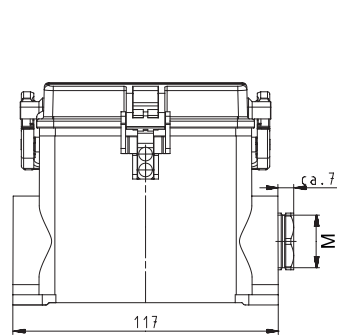
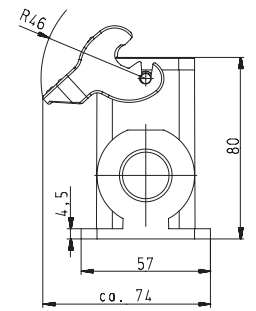
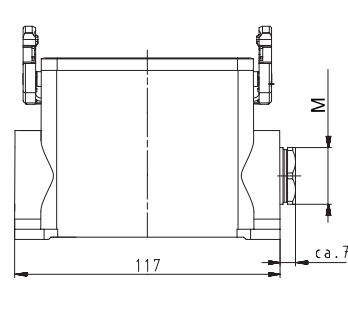
Dimensions

Bases

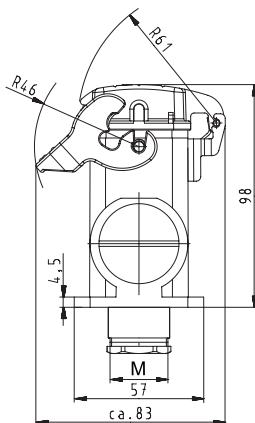
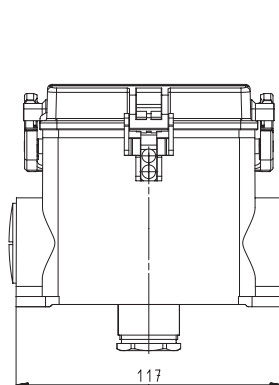
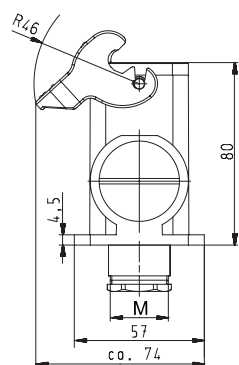
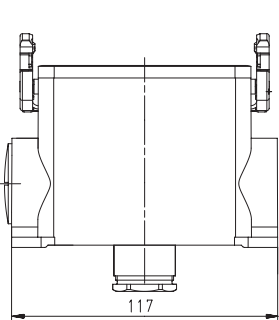
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Hoods, double locking lever Size 16

Hoods Size 16



Lateral cable entry



Top cable entry

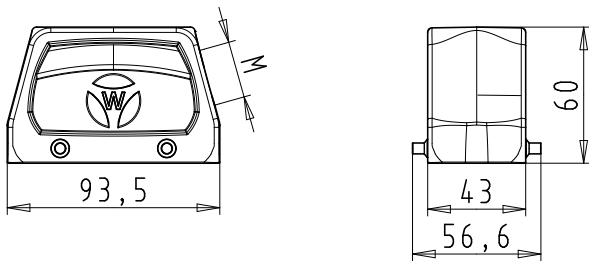


Description	Type	M	Part No.	P.U.
Hoods, size 16				
Aluminum housing				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GA 16 M25 A0	25	70.350.1635.0	1
with threaded collar	BAS GOT GA 16 M25 A1	25	70.350.1635.1	1
with intermediate support	BAS GOT GA 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated			
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	

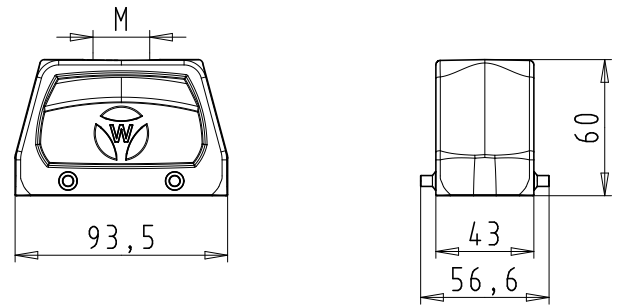
Dimensions

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

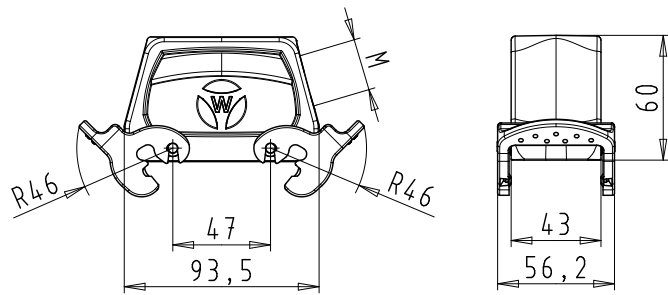


Description	Type	M	Part No.	P.U.
Hoods, size 16				
Aluminum housing				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GD 16 M25 A0	25	70.355.1635.0	1
with threaded collar	BAS GOT GD 16 M25 A1	25	70.355.1635.1	1
with intermediate support	BAS GOT GD 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GC 16 M25 A0	25	70.352.1635.0	1
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GK 16 M25 A0	25	70.372.1635.0	1
Locking levers and gasket				
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	BAS GOT GK 16 M25 A3	25	70.372.1635.3	1
Locking levers and gasket				
Technical data				
Material	Die cast aluminum alloy			
Surface	powder coated			
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	

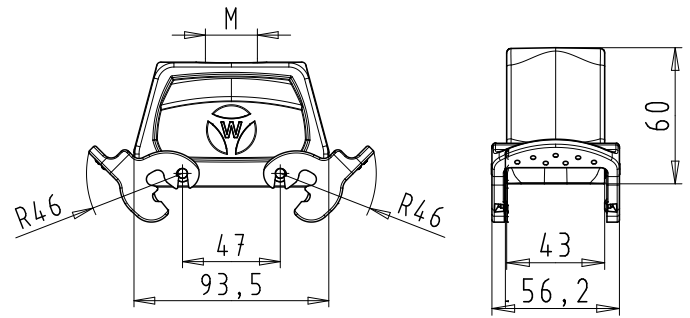
Dimensions

Hoods with Locking levers

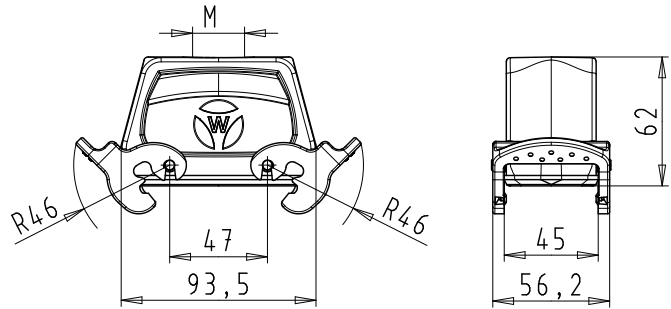
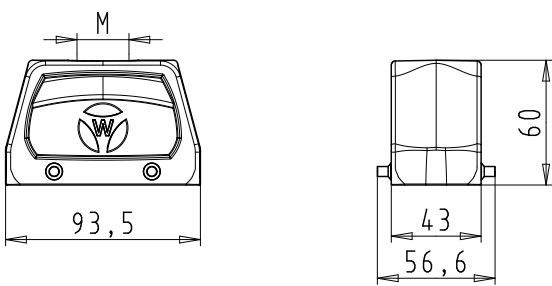
Lateral cable entry



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



Multipole connectors for cable-to-cable couplings

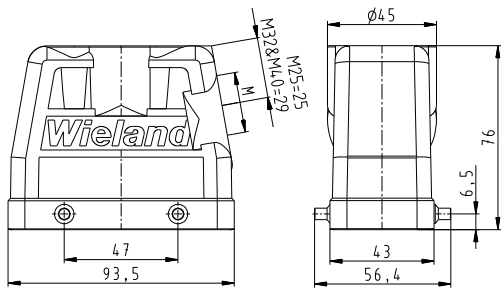


Description	Type	M	Part No.	P.U.
Hoods, size 16H				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GA 16H M25 A0	25	73.350.4035.0	1
with threaded collar	BAS GOT GA 16H M25 A1	25	73.350.4035.1	1
with intermediate support	BAS GOT GA 16H M25 A2	25	73.350.4035.2	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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 14 – 20 mm	BAS GOT GB 16H M25 A3	25	73.351.1635.3	1
Multipole connectors for cable-to-cable couplings M32				
with threaded collar, locking levers and gasket	BAS GOT GK 16H M32 A1	32	73.374.4035.1	1
Technical data				
Material	Die cast aluminum alloy			
Surface	powder coated			
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	

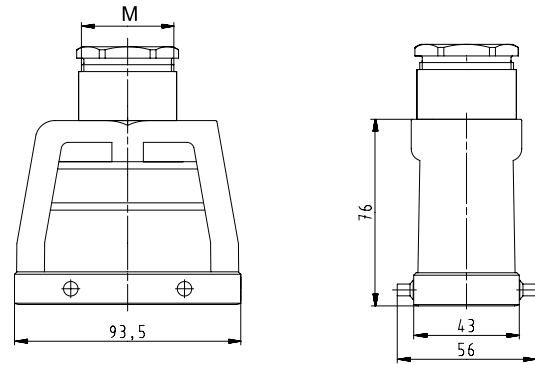
Dimensions

Hoods

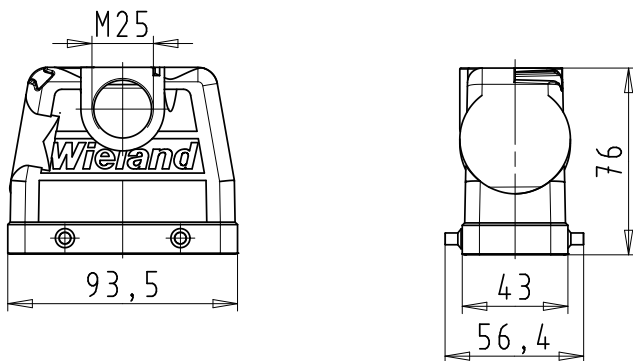
Lateral cable entry



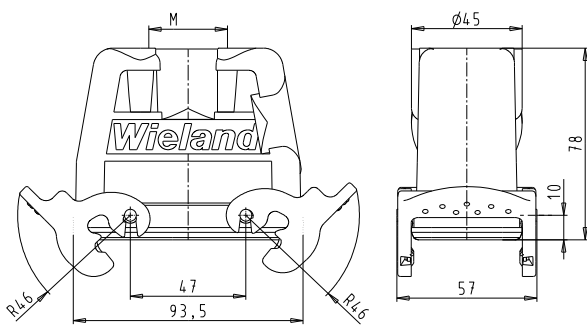
Top cable entry



Front cable entry



Multipole connectors for cable-to-cable couplings



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

Hoods
Size 16H,
increased height design

Lateral cable entry



Top cable entry

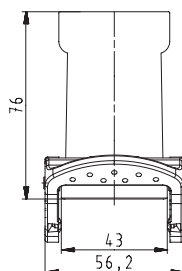
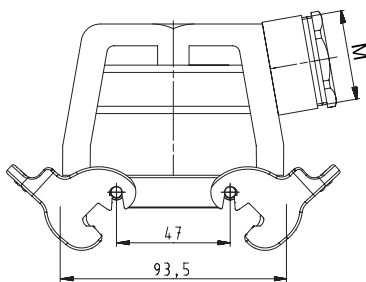


Description	Type	M	Part No.	P.U.
Hoods, size 16H				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GD 16H M25 A0	25	73.355.4035.0	1
with threaded collar	BAS GOT GD 16H M25 A1	25	73.355.4035.1	1
with intermediate support	BAS GOT GD 16H M25 A2	25	73.355.4035.2	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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated			
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	

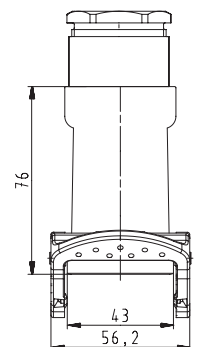
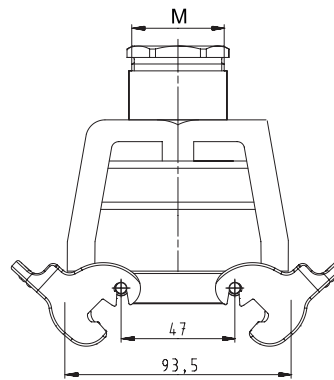
Dimensions

Hoods

Lateral cable entry



Top cable entry



Hoods, double locking lever Size 16XL

Hoods Size 16XL

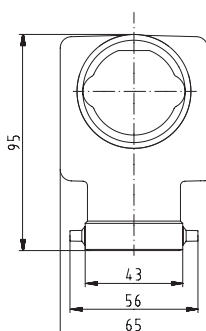
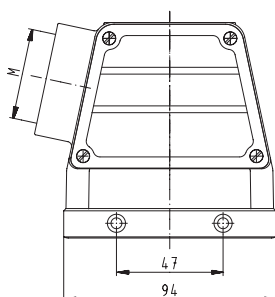
Lateral cable entry with intermediate support



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	powder coated			
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

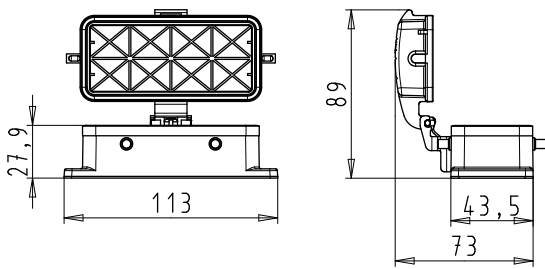
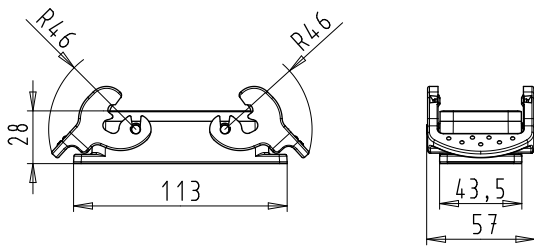


Description	Type	M	Part No.	P.U.
Bases, size 16				
Open-bottom base				
without cover	BAS GUT GA 16 A		70.320.1628.0	1
with cover	BAS GUT GE 16 A		70.325.1628.0	1
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GUT 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated			
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	

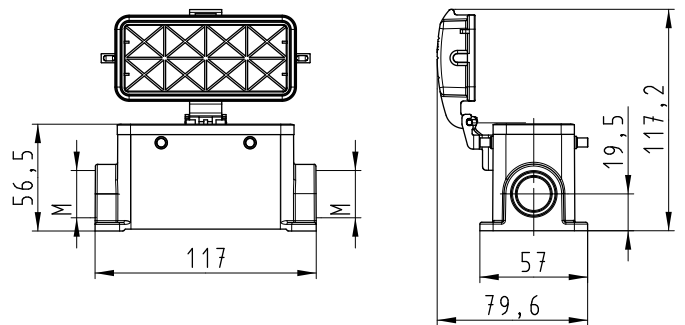
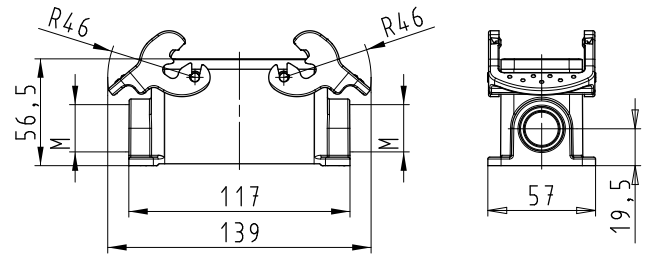
Dimensions

Bases

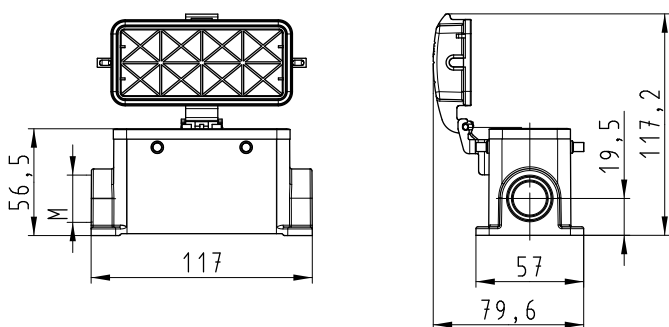
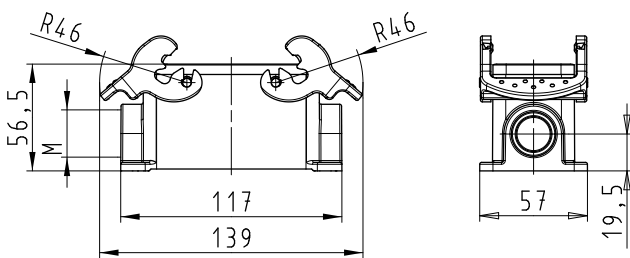
open



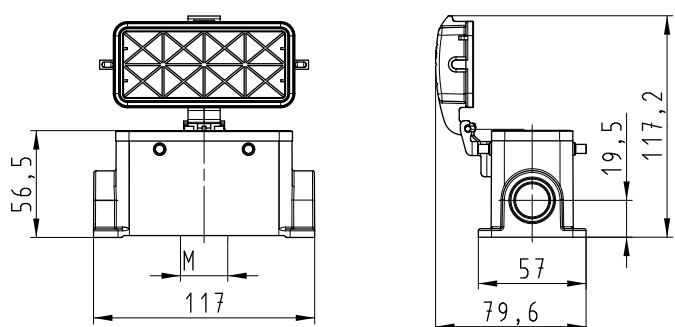
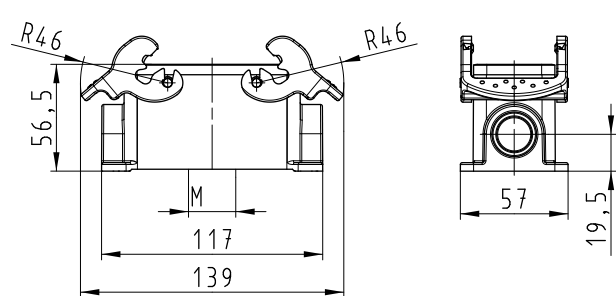
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



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

Bases Size 16H, increased height design

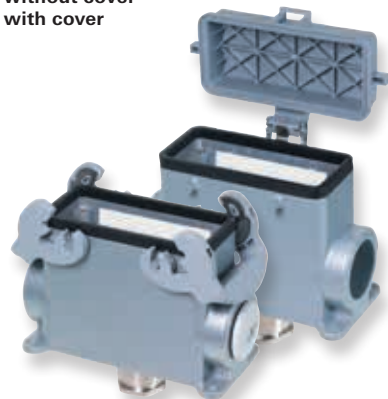
closed M25
2 cable glands
without cover
with cover



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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated
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

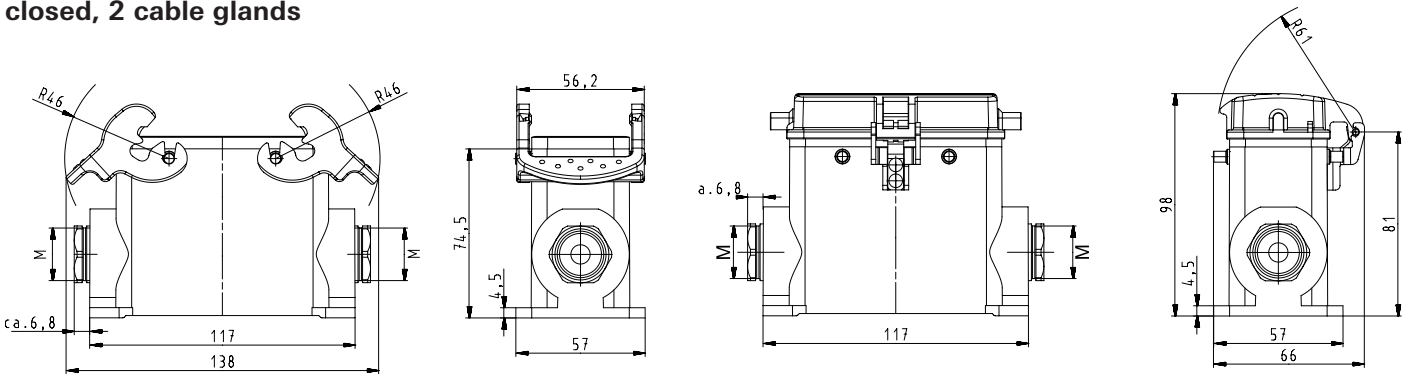
All Bases on this page are also available in M40 design.
Part numbers available on request.

Accessories, Dimensions

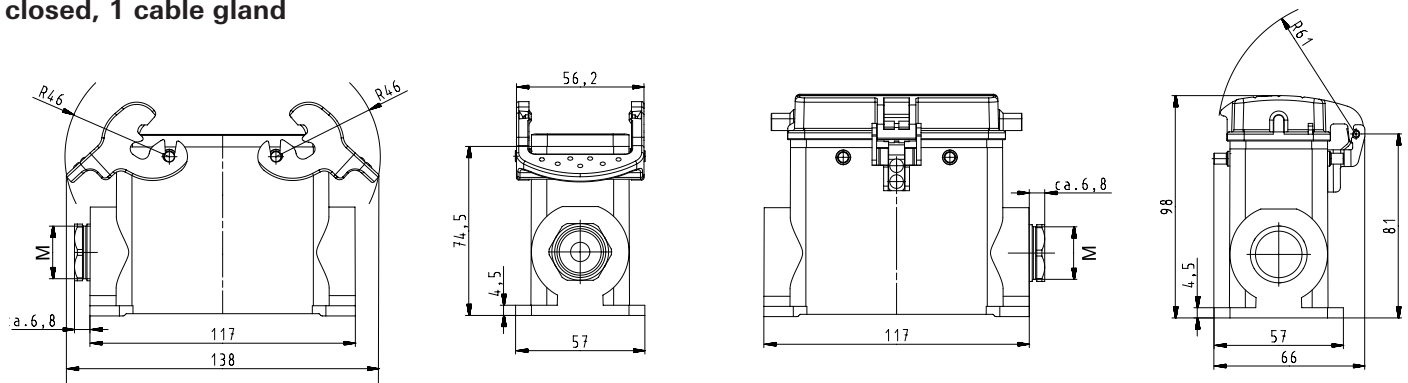
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	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

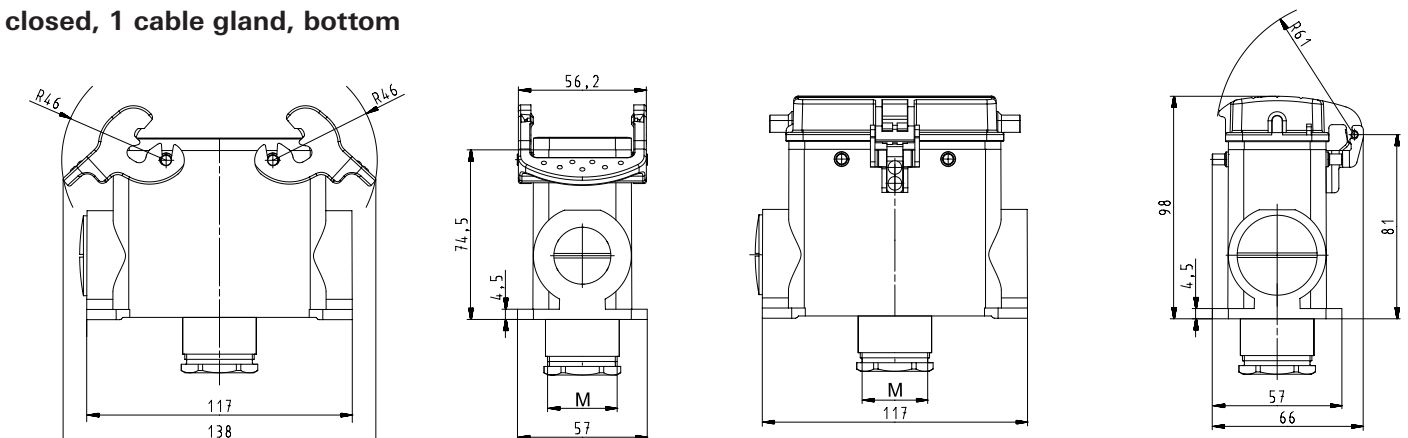
closed, 2 cable glands



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

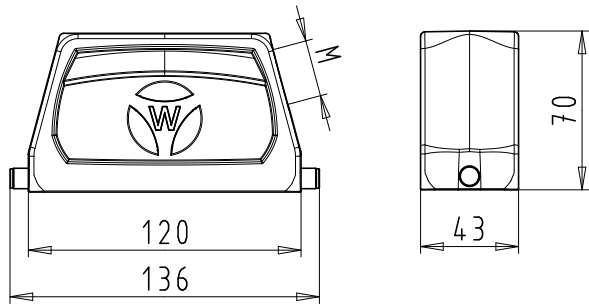


Description	Type	M	Part No.	P.U.
Hoods, size 24				
Aluminum housing				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GG 24 M25 A0	25	71.350.2435.0	1
with threaded collar	BAS GOT GG 24 M25 A1	25	71.350.2435.1	1
with intermediate support	BAS GOT GG 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GI 24 M25 A0	25	71.352.2435.0	1
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 15 – 26.5 mm	BAS GOT GI 24 M32 A0	32	71.354.2435.0	1
with cable gland, IP54, $\rightarrow \varnothing $ 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	powder coated			
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	

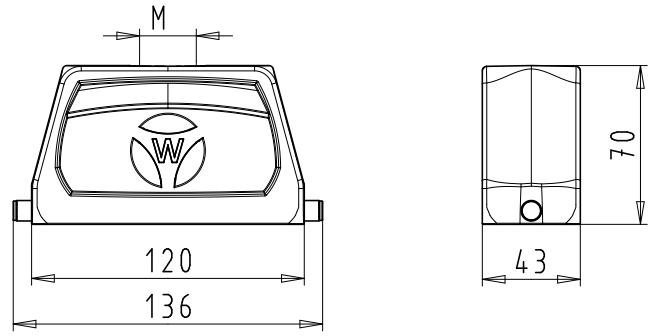
Dimensions

Hoods

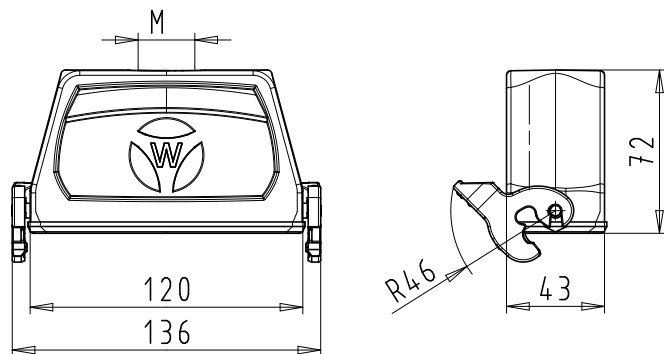
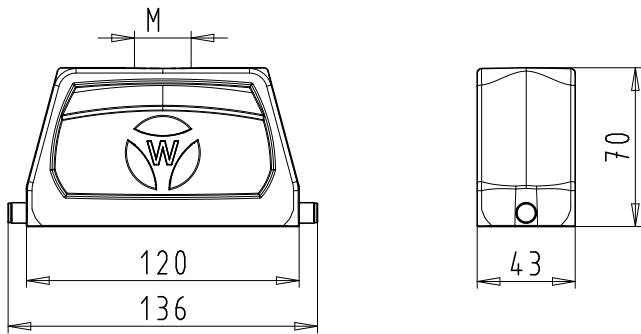
Lateral cable entry



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

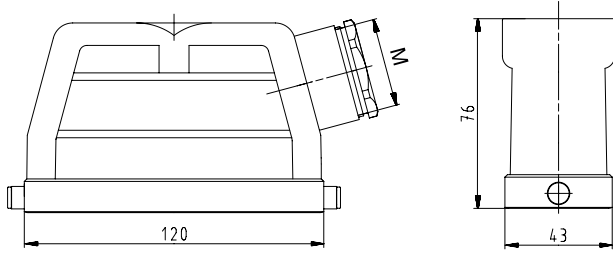


Description	Type	M	Part No.	P.U.
Hoods, size 24H				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GG 24H M25 A0	25	76.350.6435.0	1
with threaded collar	BAS GOT GG 24H M25 A1	25	76.350.6435.1	1
with intermediate support	BAS GOT GG 24H M25 A2	25	76.350.6435.2	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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated			
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	

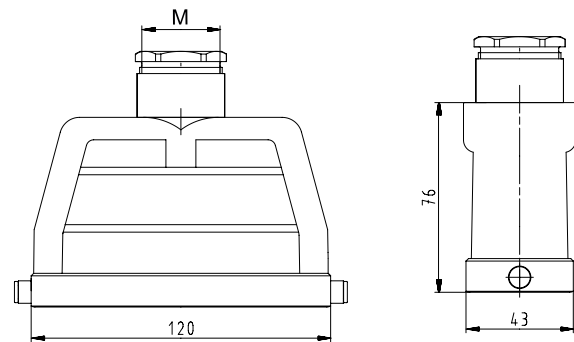
Dimensions

Hoods

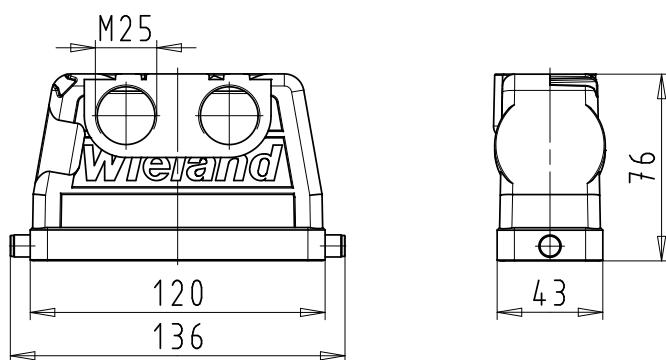
Lateral cable entry



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

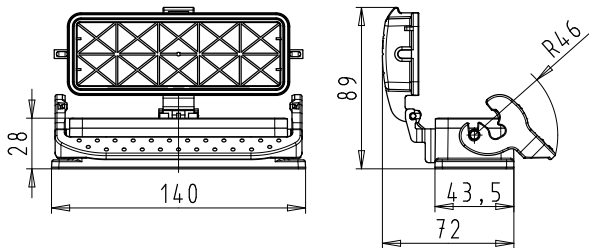
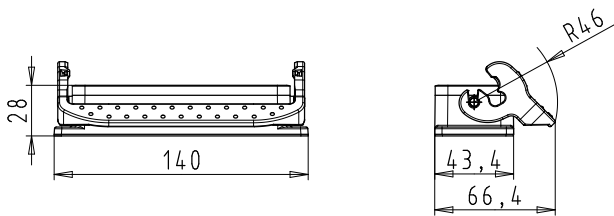


Description	Type	M	Part No.	P.U.
Bases, size 24				
Open-bottom base				
without cover	BAS GUT GK 24 A		71.320.2428.0	1
with cover	BAS GUT GP 24 A		71.325.2428.0	1
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5– 19 mm	BAS GUT 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated			
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	

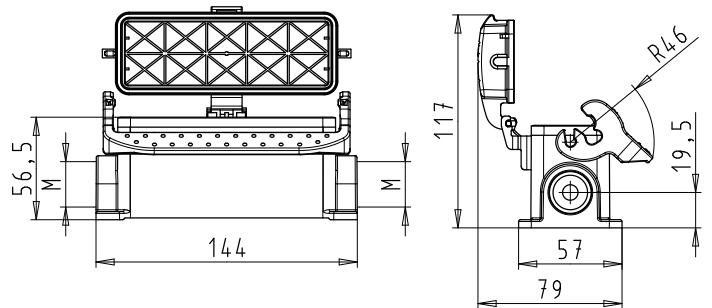
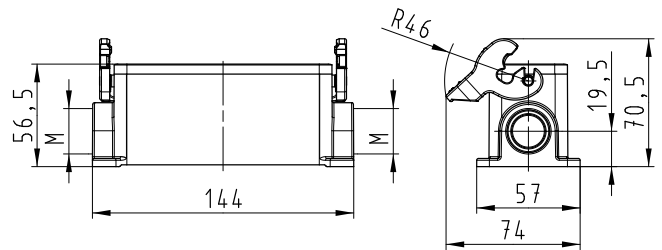
Dimensions

Bases

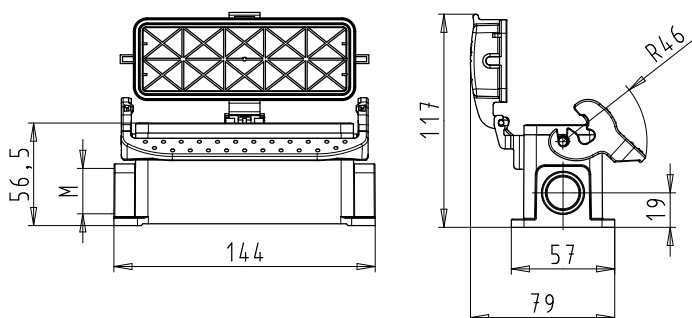
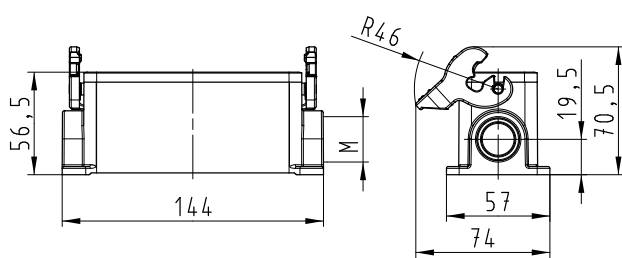
open



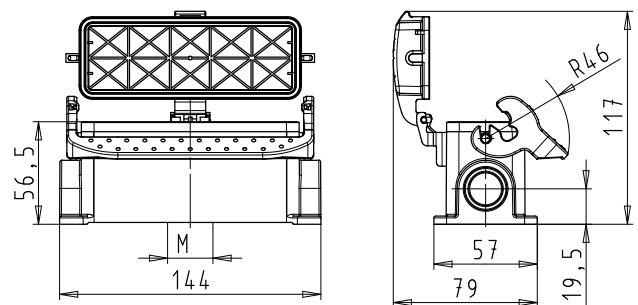
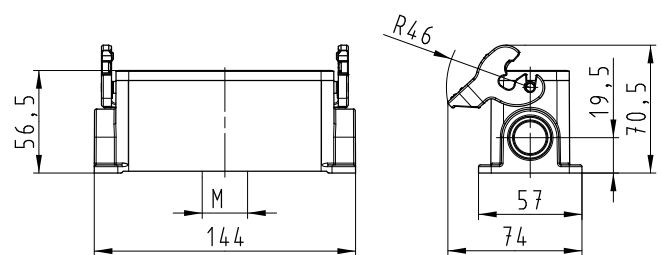
closed, 2 cable glands



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
2 cable glands
without cover
with cover



closed
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 M32				
without cover				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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	76.338.6435.1	1
1 cable gland, left, 1 x M32				
without cover				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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	76.339.6435.1	1
1 cable gland, right, 1 x M32				
with cover				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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 M32				
without cover				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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	powder coated
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

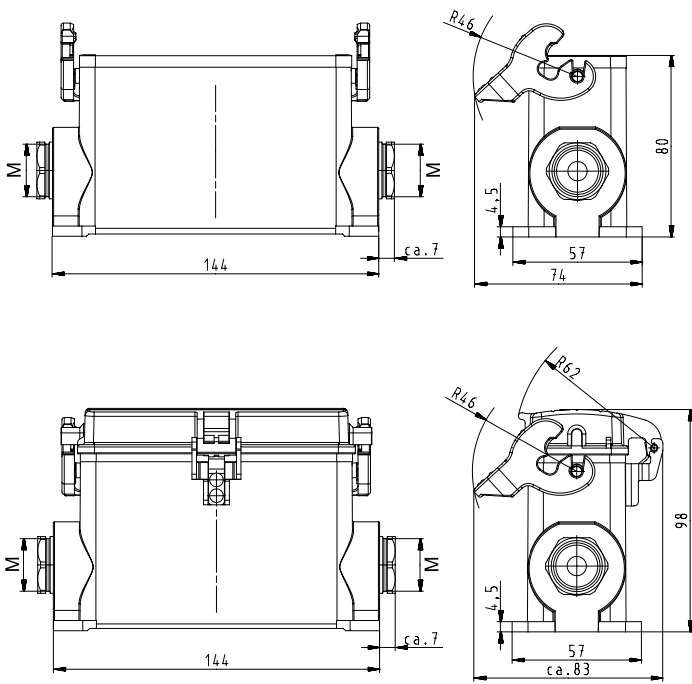
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0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

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

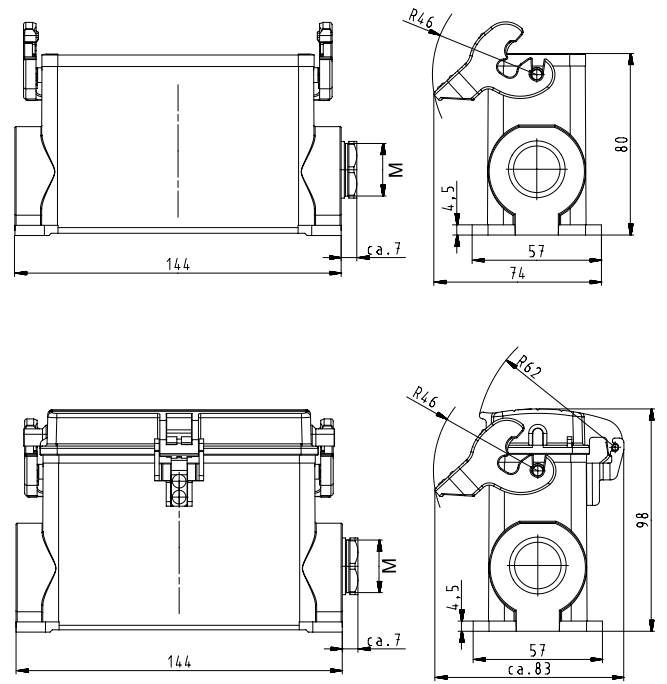
Dimensions

Bases

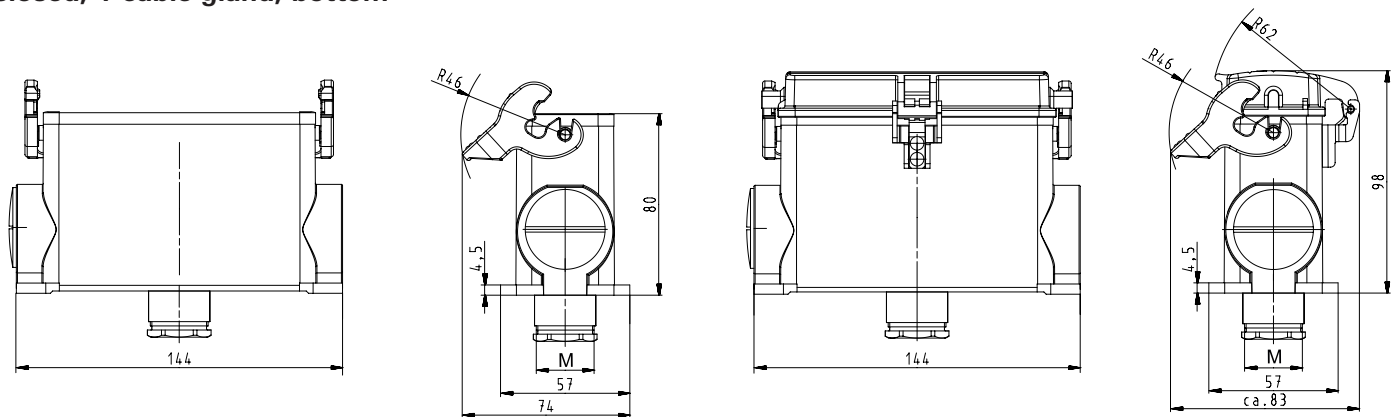
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Hoods, double locking lever Size 24

Hoods Size 24



Lateral cable entry



Top cable entry

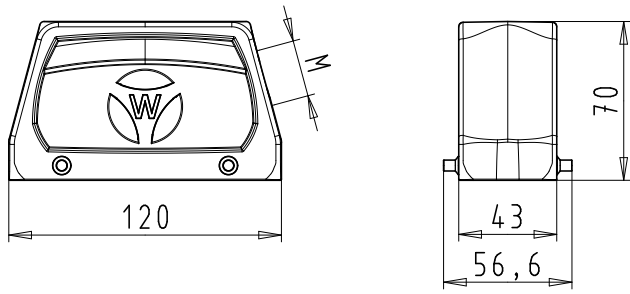


Description	Type	M	Part No.	P.U.
Hoods, size 24				
Aluminum housing				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GA 24 M25 A0	25	70.350.2435.0	1
with threaded collar	BAS GOT GA 24 M25 A1	25	70.350.2435.1	1
with intermediate support	BAS GOT GA 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated			
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	

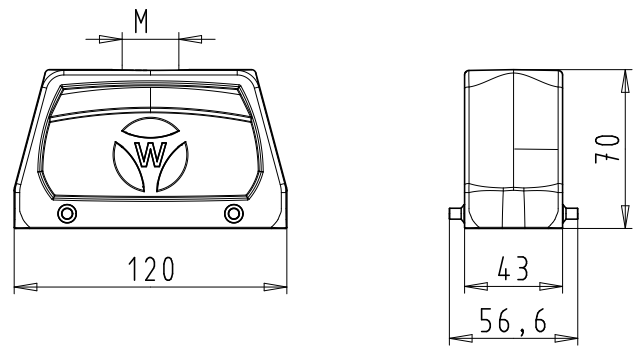
Dimensions

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

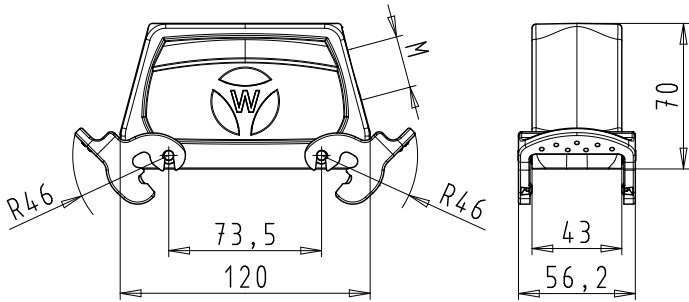


Description	Type	M	Part No.	P.U.
Hoods, size 24				
Aluminum housing				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GD 24 M25 A0	25	70.355.2435.0	1
with threaded collar	BAS GOT GD 24 M25 A1	25	70.355.2435.1	1
with intermediate support	BAS GOT GD 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 15 – 26.5 mm	BAS GOT GC 24 M32 A0	32	70.354.2435.0	1
with cable gland, IP54, $\rightarrow \varnothing $ 15 – 26.5 mm	BAS GOT GK 24 M32 A0	32	70.374.2435.0	1
Locking levers and gasket				
with threaded collar	BAS GOT GC 24 M32 A1	32	70.354.2435.1	1
with threaded collar	BAS GOT GK 24 M32 A1	32	70.374.2435.1	1
Locking levers and gasket				
with strain relief, IP54	BAS GOT GC 24 M32 A3	32	70.354.2435.3	1
with strain relief, IP54	BAS GOT GK 24 M32 A3	32	70.374.2435.3	1
Locking levers and gasket				
Technical data				
Material	Die cast aluminum alloy			
Surface	powder coated			
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	

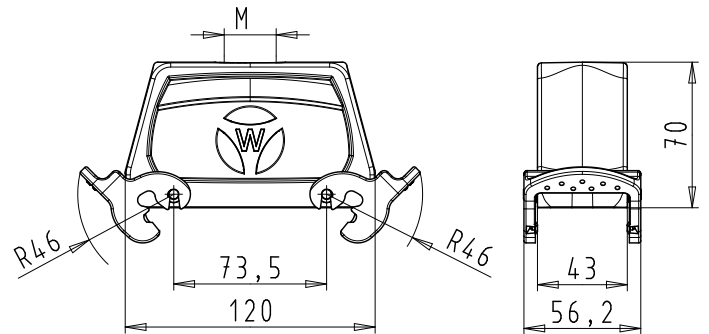
Dimensions

Hoods with Locking levers

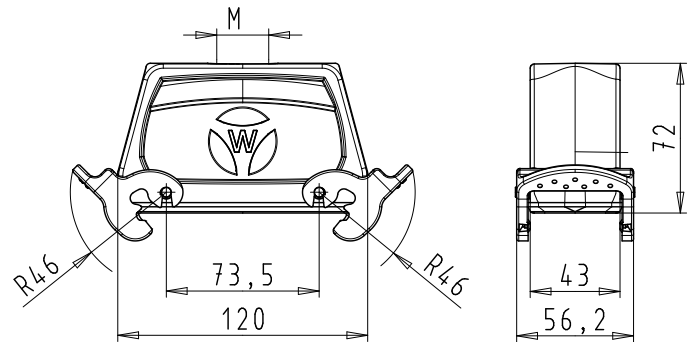
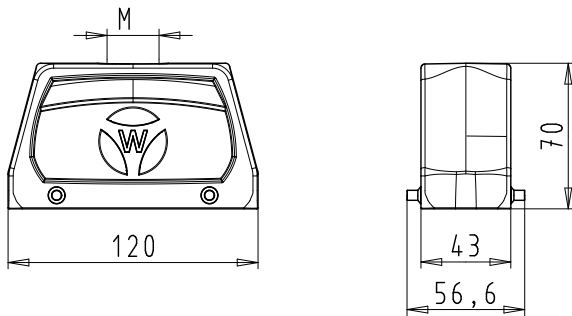
Lateral cable entry



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



Multipole connectors for cable-to-cable couplings

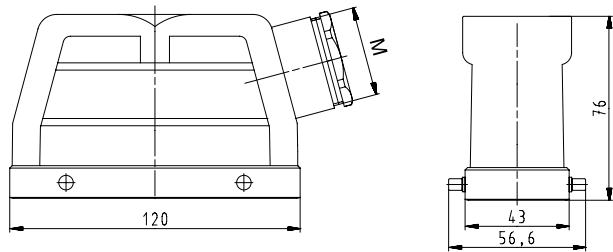


Description	Type	M	Part No.	P.U.
Hoods, size 24H				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GA 24H M25 A0	25	73.350.6435.0	1
with threaded collar	BAS GOT GA 24H M25 A1	25	73.350.6435.1	1
with intermediate support	BAS GOT GA 24H M25 A2	25	73.350.6435.2	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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 14 – 20 mm	BAS GOT GB 24H M25 A3	25	73.351.2435.3	1
Multipole connectors for cable-to-cable couplings M32				
with threaded collar, locking levers and gasket	BAS GOT GK 24H M32 A1	32	73.374.6435.1	1
Multipole connectors for cable-to-cable couplings M40				
with threaded collar, locking levers and gasket	BAS GOT GK 24H M40 A1	40	73.378.6435.1	1
Technical data				
Material	Die cast aluminum alloy			
Surface	powder coated			
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	

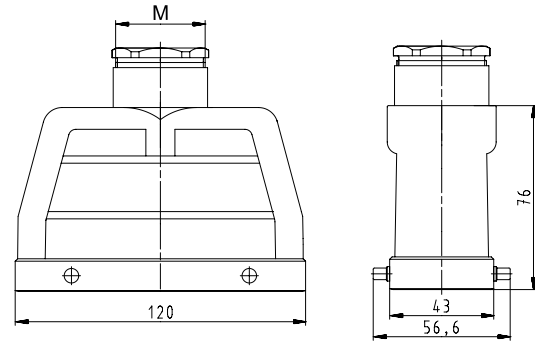
Dimensions

Hoods

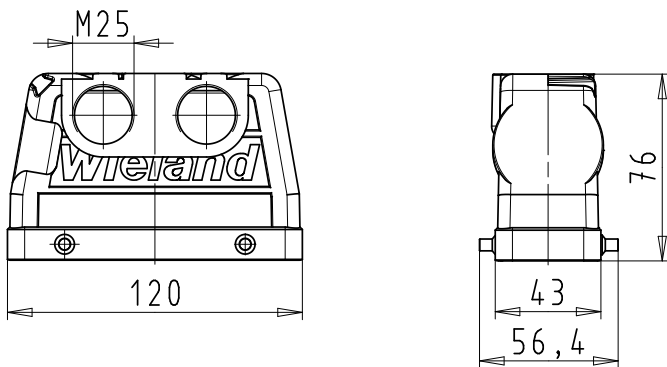
Lateral cable entry



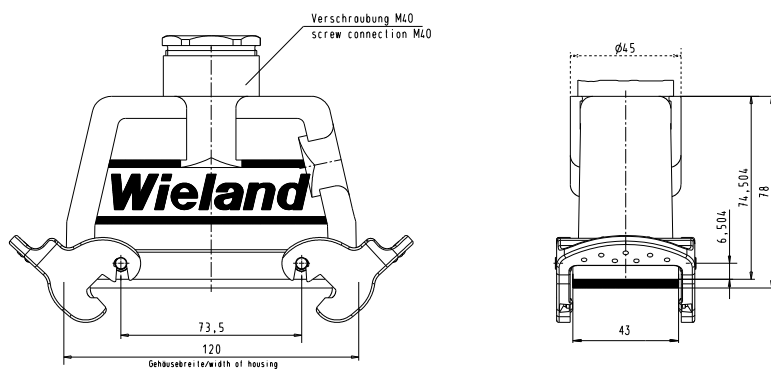
Top cable entry



Front cable entry



Multipole connectors for cable-to-cable couplings



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

Hoods
Size 24H,
increased height design

Lateral cable entry



Top cable entry

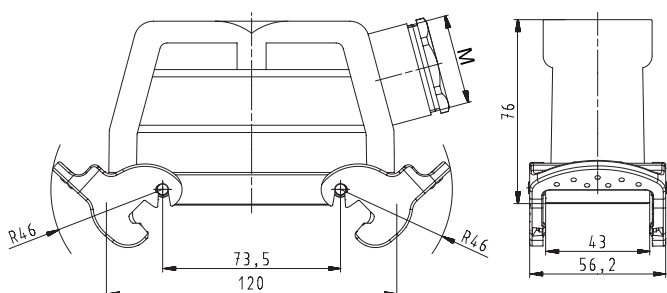


Description	Type	M	Part No.	P.U.
Hoods, size 24H				
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow$ 7.5 – 19 mm	BAS GOT GD 24H M25 A0	25	73.355.6435.0	1
with threaded collar	BAS GOT GD 24H M25 A1	25	73.355.6435.1	1
with intermediate support	BAS GOT GD 24H M25 A2	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, $\rightarrow \text{Ø} \leftarrow$ 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, $\rightarrow \text{Ø} \leftarrow$ 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, $\rightarrow \text{Ø} \leftarrow$ 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	powder coated			
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	

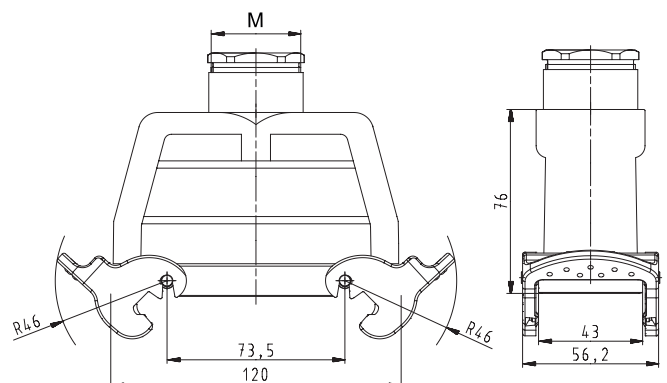
Dimensions

Hoods

Lateral cable entry



Top cable entry



Hoods, double locking lever

Size 24XL

Hoods Size 24XL

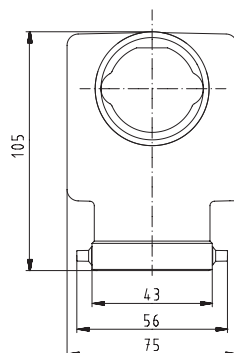
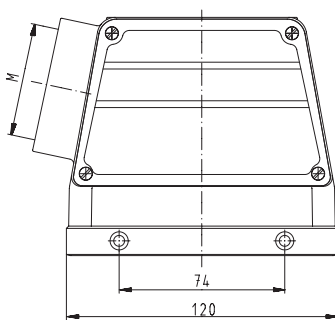
Lateral cable entry



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	powder coated			
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				
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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated
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.
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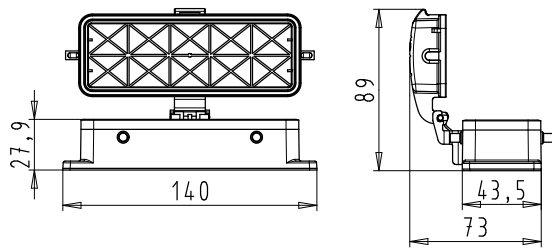
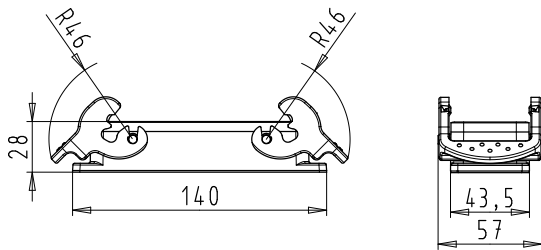
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10

Contact inserts				
See the product matrix			Page 24–25	

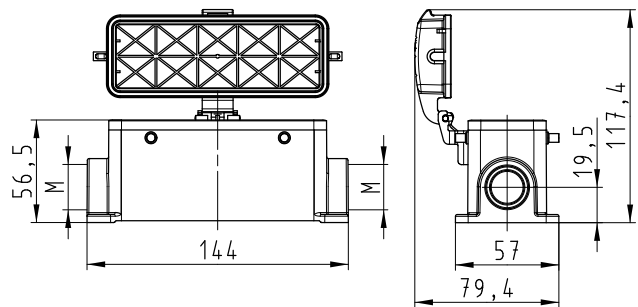
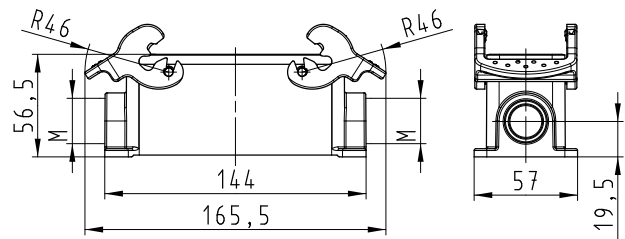
Dimensions

Bases

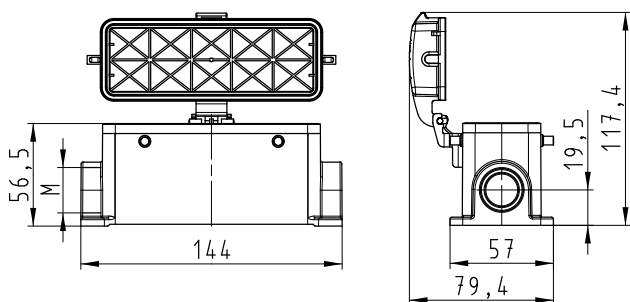
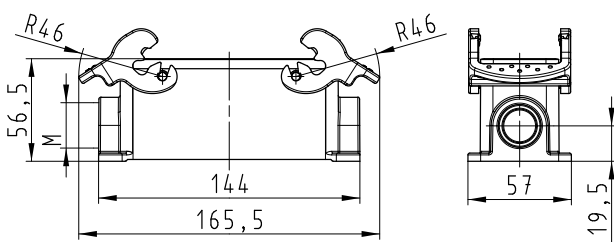
open



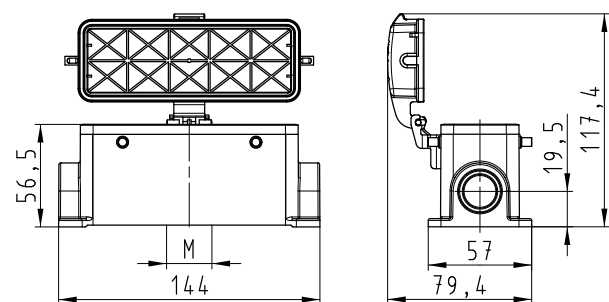
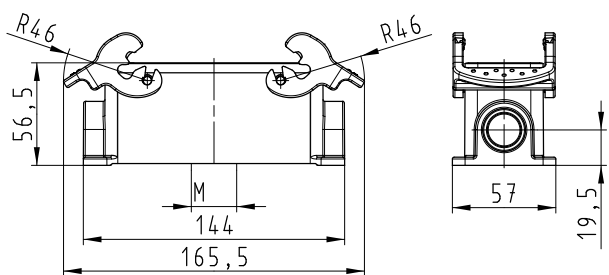
closed, 2 cable glands



closed, 1 cable gland, lateral cable entry



closed, 1 cable gland, bottom



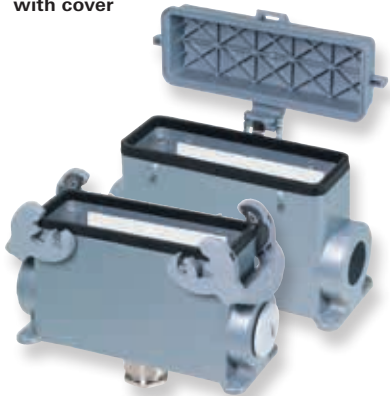
Bases, double locking lever Size 24H, increased height design

Bases Size 24H, increased height design

closed
2 cable glands
without cover
with cover



closed
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 M32				
without cover				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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 M32				
without cover				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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 M32				
with cover				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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 M32				
without cover				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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, $\rightarrow \text{Ø} $ 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	powder coated
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
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

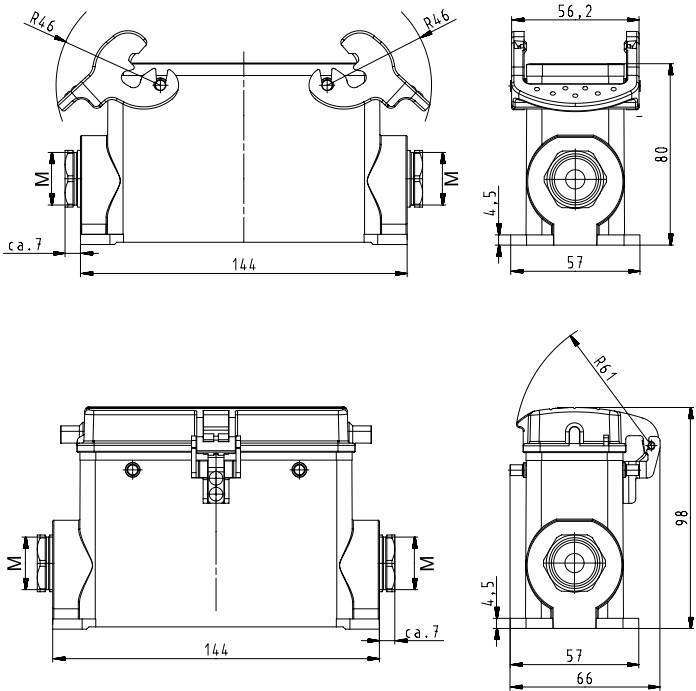
Page 24–25

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

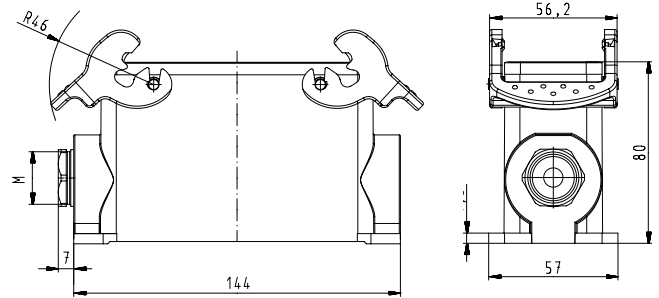
Dimensions

Bases

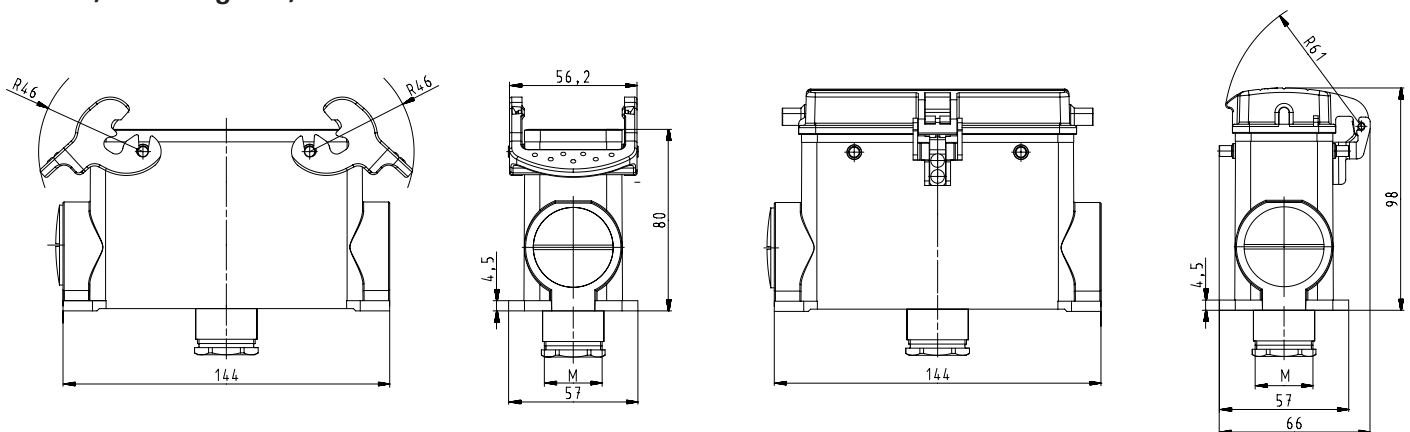
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Hoods, double locking lever Size 32

Hoods, Size 32



Lateral cable entry



Top cable entry

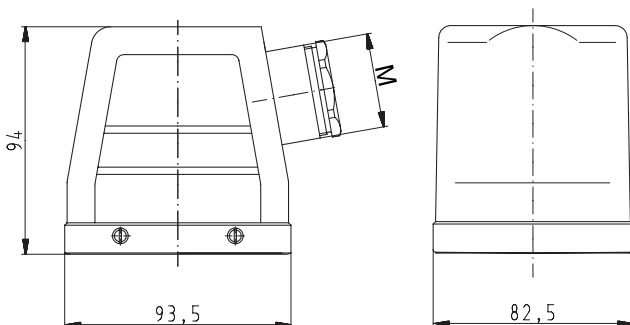


Description	Type	M	Part No.	P.U.
Hoods, size 32				
Lateral cable entry M32		Aluminum housing		
with cable gland, IP54, $\rightarrow \varnothing $ 15 – 26,5 mm	BAS GOT GA 32 M32 A0	32	70.350.3235.0	1
with threaded collar	BAS GOT GA 32 M32 A1	32	70.350.3235.1	1
with intermediate support	BAS GOT GA 32 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, $\rightarrow \varnothing $ 15 – 26,5 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	powder coated			
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	

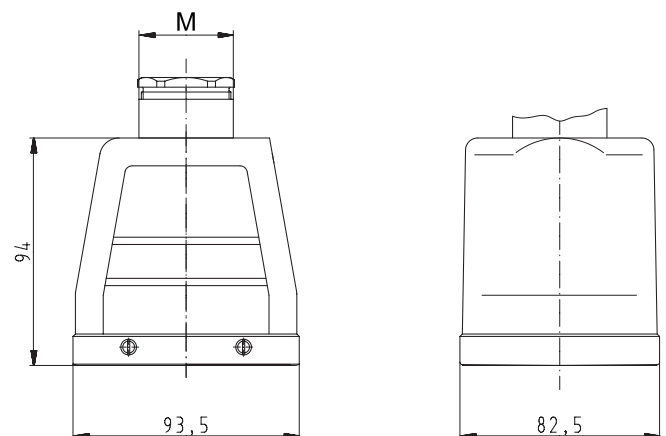
Dimensions

Hoods

Lateral cable entry



Top cable entry



Bases, double locking lever Size 32

Bases, Size 32



open

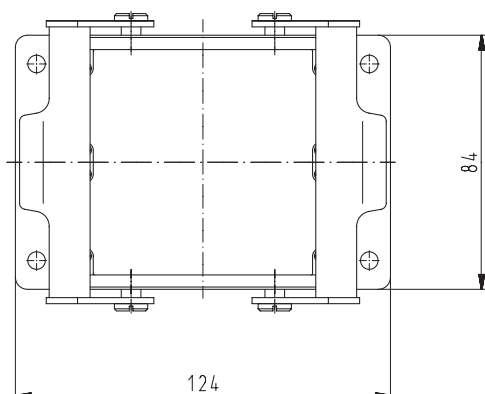
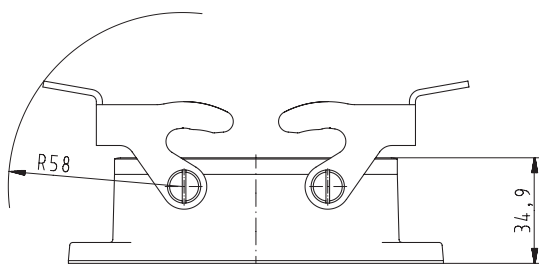


Description	Type	M	Part No.	P.U.
Base, size 32 open	Aluminum housing			
without cover	BAS GUT GA 32 A	32	70.320.3228.0	1
Technical data				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	zinc-plated steel			
Gasket	NBR			
Degree of protection				
with latched locking levers	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

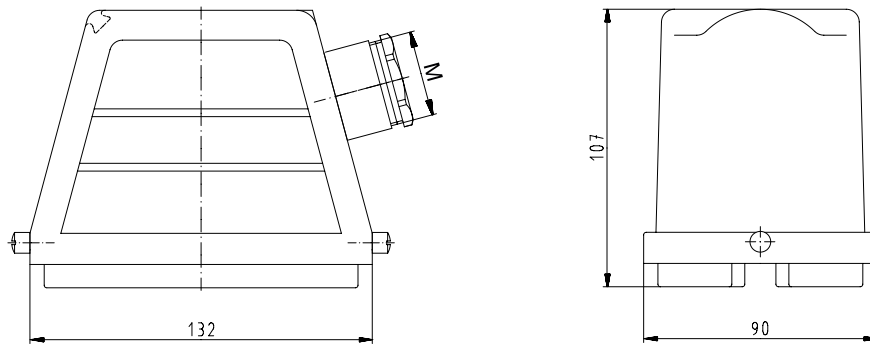


Description	Type	M	Part No.	P.U.
500 V / 690 V Hoods, size 48				
Lateral cable entry M32				
with cable gland, IP54, $\rightarrow \varnothing $ 15 – 26,5 mm	BAS GOT GG 48 M32 A0	32	70.350.4835.0	1
with threaded collar	BAS GOT GG 48 M32 A1	32	70.350.4835.1	1
with intermediate support	BAS GOT GG 48 M32 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, $\rightarrow \varnothing $ 15 – 26,5 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	powder coated			
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	

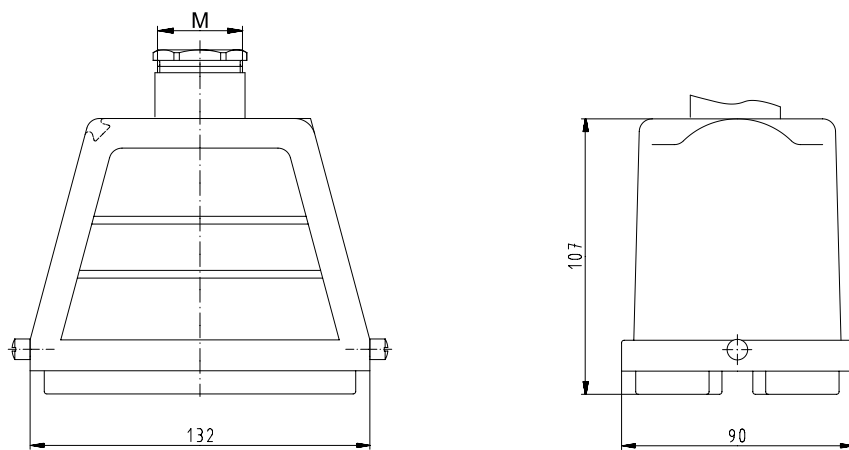
Dimensions

Hoods

Lateral cable entry



Top cable entry



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

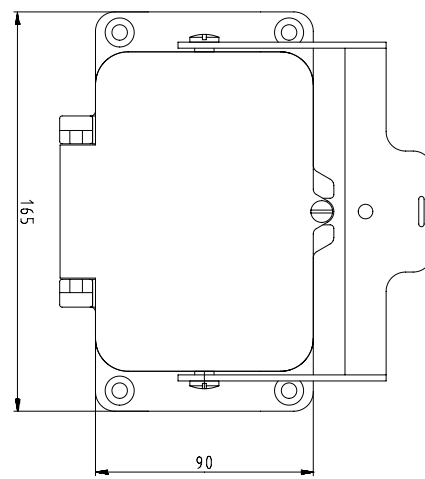
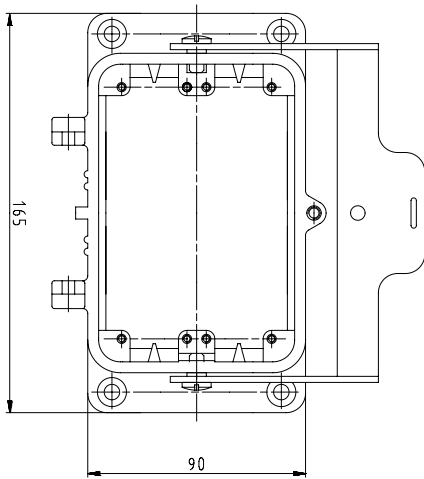
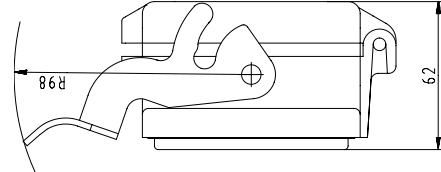
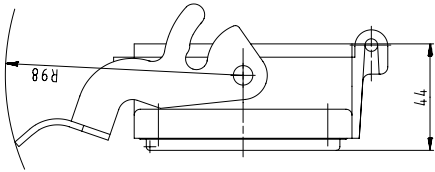


Description	Type	M	Part No.	P.U.
500 / 690 V Bases, size 48				
Open-bottom base				
without cover	BAS GUT GK 48 A		70.320.4828.0	1
with metal cover	BAS GUT GP 48 A		70.325.4828.0	1
Closed-bottom base				
1 cable glands left, 1 x M32				
without cover				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated			
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	

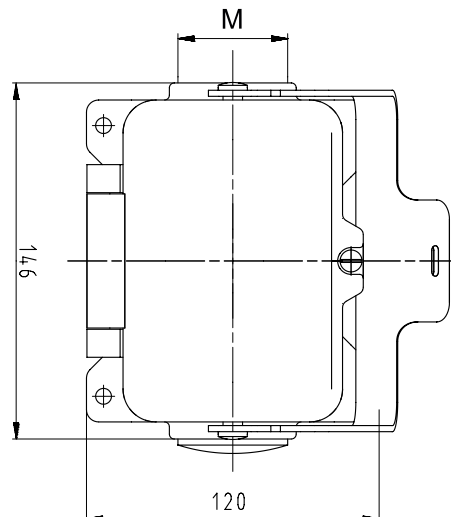
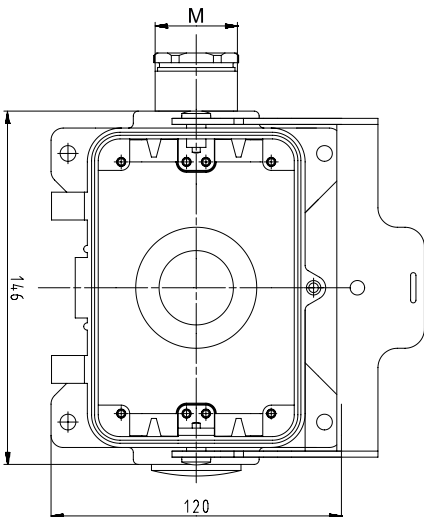
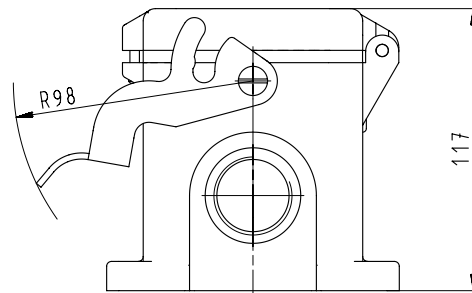
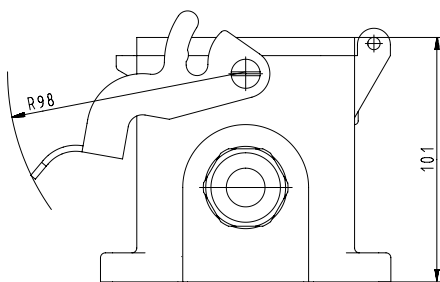
Dimensions

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

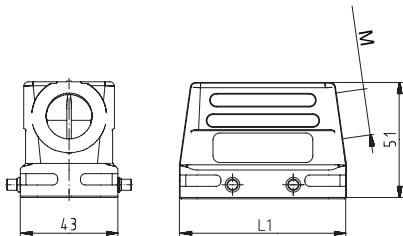
Technical data	
Material	Die cast aluminum alloy
Surface	Special EMC plating, highly conductive
Locking levers	–
Gasket	–
Degree of protection	
with latched locking levers	–
with appropriate cable glands	IP65
Temperature range	-40 ... +120 °C

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

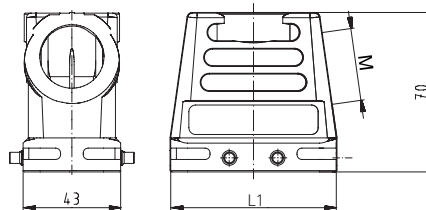
Dimensions

Hoods Lateral cable entry

Size 6 and 10

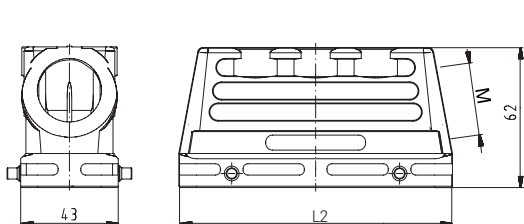


Size 6H and 10H

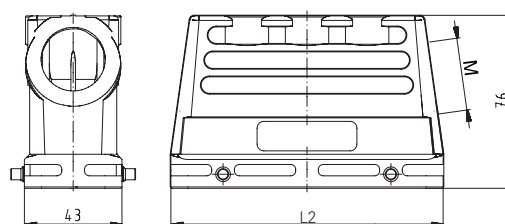


Size	L1 [mm]
6	60.0
6H	60.0
10	73.0
10H	73.0

Size 16 and 24



Size 16H and 24H



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

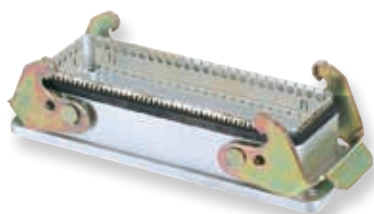
EMC Bases, Size 6–24

EMC Bases open

Size 6



Size 24

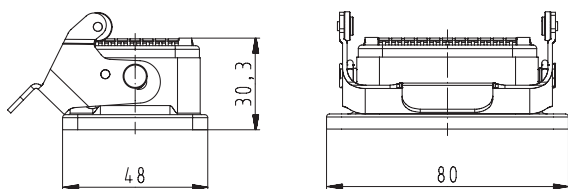


Description	Type	M	Part No.	P.U.
EMC Bases	Aluminum housing			
Open				
Size 6	BAS GUE GK 6 50 A		70.320.0638.0	1
Size 10	BAS GUE GA 10 50 A		70.320.1038.0	1
Size 16	BAS GUE GA 16 50 A		70.320.1638.0	1
Size 24	BAS GUE GA 24 50 A		70.320.2438.0	1
Technical data				
Material	Die cast aluminum alloy			
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

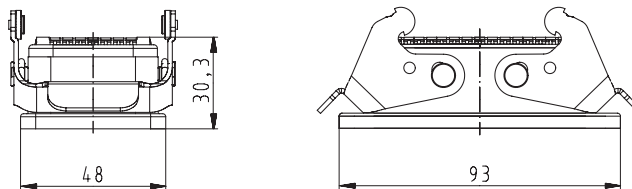
Dimensions

Open-Bottom bases

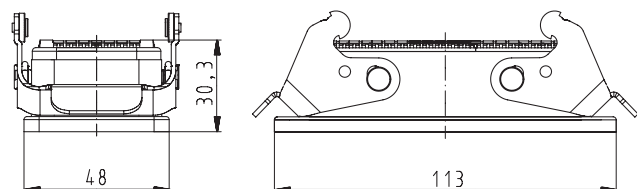
Size 6



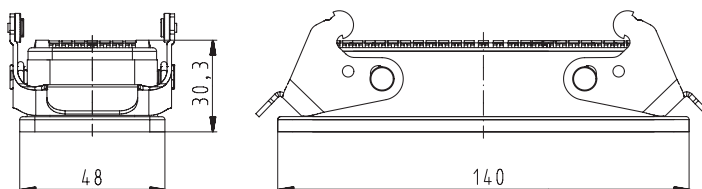
Size 10



Size 16



Size 24



Motor connector housing, single locking lever

Size 10

Motor connector housing, single locking lever



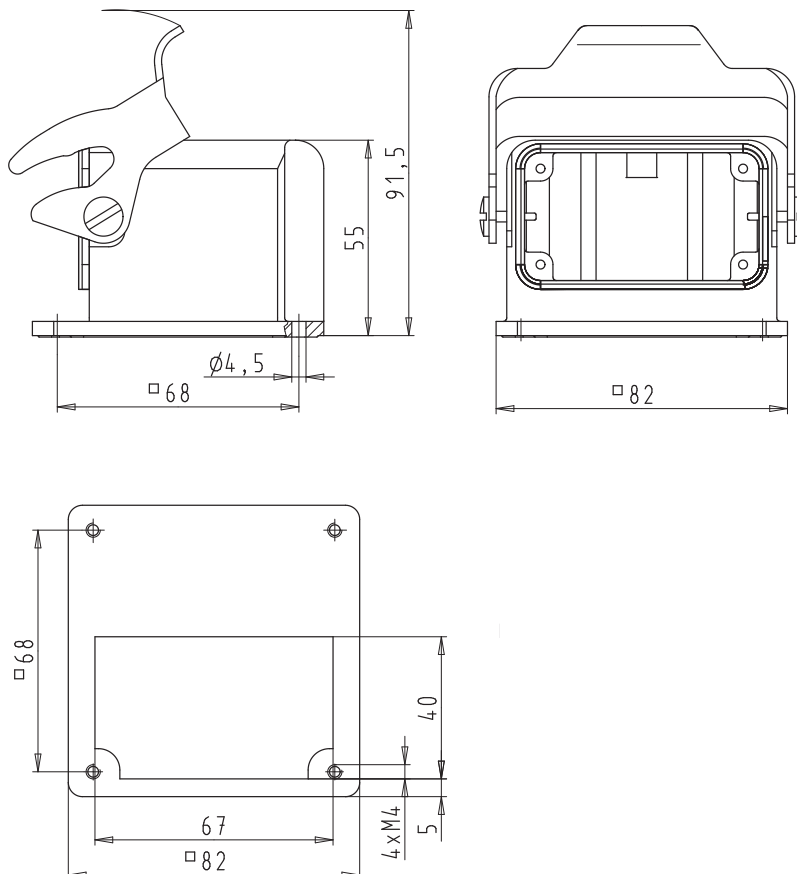
Size 10



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	powder coated			
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



Robust and convenient

The connector series **revos** BASIC M was specifically designed for increased environmental requirements.

Plant construction and engineering as well as construction machinery or wind power stations have the highest requirements for industrial connectors: Vibration, intruding humidity and corrosion are only few of the stress factors electric connection technology has to stand up to. The **revos** BASIC M connectors are robust, durable and at the same time more convenient to use. The practical single locking lever lets you actuate the connectors safely even in confined spaces. The stainless steel locking levers are coated with heat-resistant, thermoplastic material. Ergonomic grip grooves provide better handling and ensure that the connector can be actuated under any ambient conditions. The movable locking bolts and the locking lever with rollers are also made of stainless steel and are very resistant to wear and abrasion. The optional aluminum cover ensures increased flexibility on site and protects the connectors in case service is needed.

✓ **Single locking lever**

✓ **Chemically stable sealing**

✓ **Stainless steel lever and bolt**

Requirements

- Vibration test acc. to DIN 60068-2-6 (10-150Hz/2g)
- Vibration test acc. to DIN EN 61373-1-B
- Methods of exposure to laboratory light sources acc. to DIN EN ISO 4892-2
- Ozone test acc. to DIN ISO 1431-1:2011-05
- Corrosion protection (NSS) of >2000 hrs according to DIN EN ISO 9227



Hoods, single locking lever

Size 6

Hoods Size 6

Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



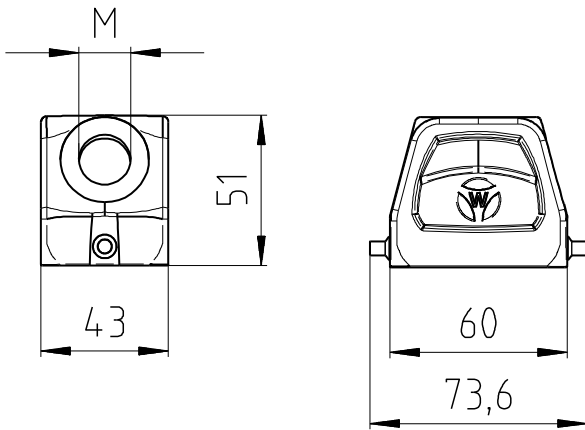
Description	Type	M	Part No.	P.U.
Hoods, size 6	Aluminum housing			
Lateral cable entry M20				
with threaded collar	BAS GOM GG 6 M20 B1	20	70.450.0637.1	1
Top cable entry M20				
with threaded collar	BAS GOM GI 6 M20 B1	20	70.452.0637.1	1
Multipole connectors for cable-to-cable couplings M20				
with threaded collar, locking levers and gasket	BAS GOM GL 6 M20 B1	20	70.472.0637.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	-
Corrosion protection (NSS)	> 2000 hrs according to DIN EN ISO 9227
Locking levers	-
Gasket	-
Degree of protection	
with appropriate cable glands	IP 66 according to DIN EN 60 529
Protection class according to UL 50	NEMA Type 4/4X/12 (pending)
Temperature range	-40 ... +120 °C

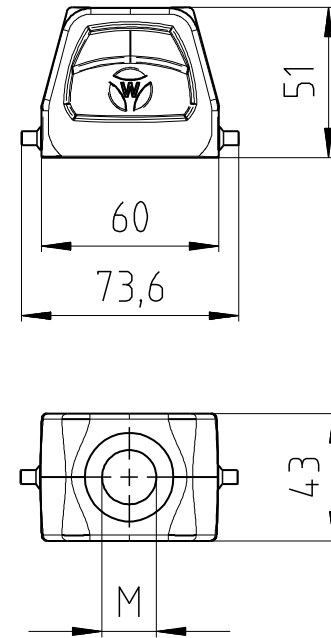
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10

Dimensions

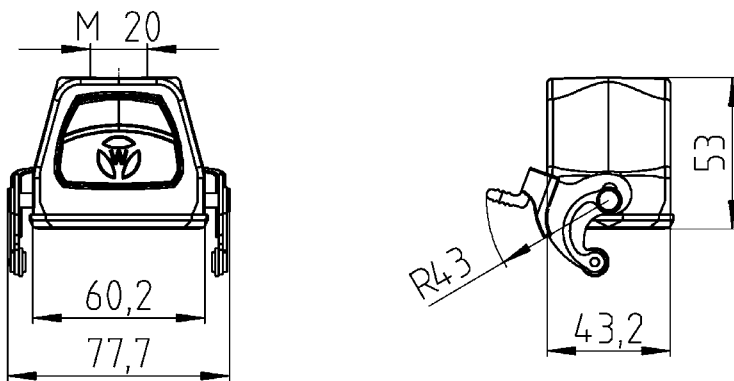
Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



Bases, single locking lever Size 6

Bases, Size 6

open



closed
2 x threaded collar



closed
1 x threaded collar, left

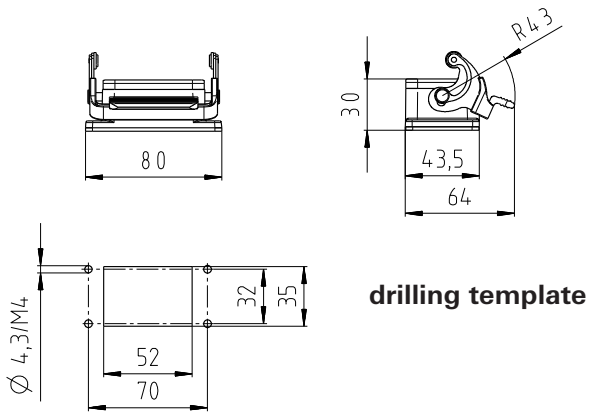


Description	Type	M	Part No.	P.U.
Bases, size 6				
Open-bottom base				
without cover	BAS GUM GK 6 B		70.420.0637.0	1
with metal cover	BAS GUM GP 6 B		70.425.0637.0	1
Closed-bottom base				
2 x threaded collar M20				
without cover	BAS GUM GL 6 M20 B1	20	70.430.0637.1	1
with metal cover	BAS GUM GR 6 M20 B1	20	70.440.0637.1	1
Closed-bottom base				
1 x threaded collar M20, left				
without cover	BAS GUM GM 6 M20 B1	20	70.431.0637.1	1
with metal cover	BAS GUM GS 6 M20 B1	20	70.441.0637.1	1
Technical data				
Material	Die cast aluminum alloy			
Surface	-			
Corrosion protection (NSS)	> 2000 hrs according to DIN EN ISO 9227			
Locking levers	Handle: heatresistant thermoplastic Locking lever: stainless steel			
Gasket	Fluorine Elastomer			
Degree of protection				
with appropriate cable glands	IP 66 according to DIN EN 60 529			
Protection class according to UL 50	NEMA Type 4/4X/12 (pending)			
Temperature range	-40 ... +120 °C			

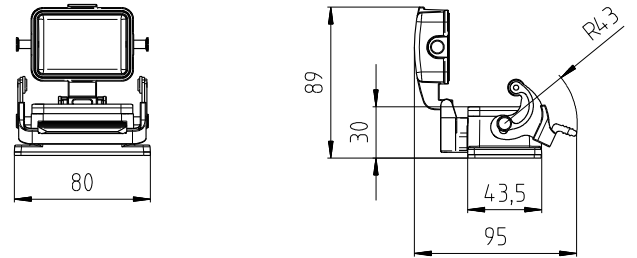
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10

Dimensions

open
without cover

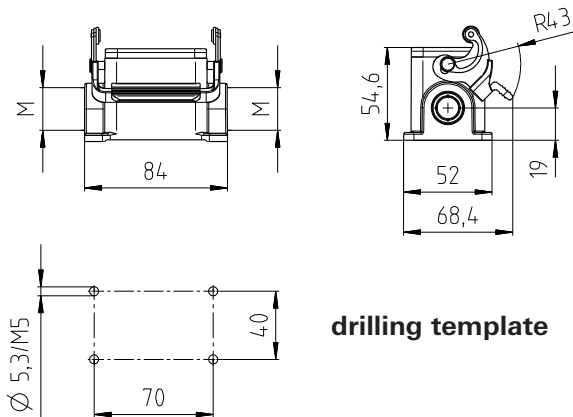


with metal cover

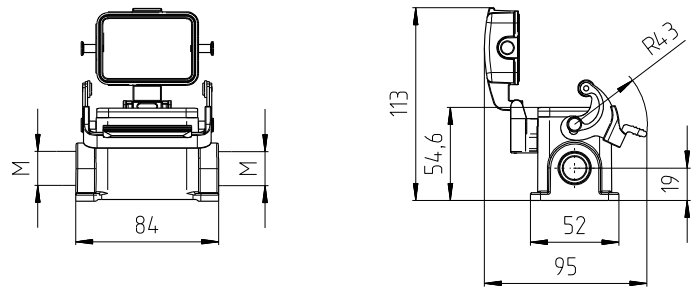


drilling template

closed, 2 x threaded collar
without cover

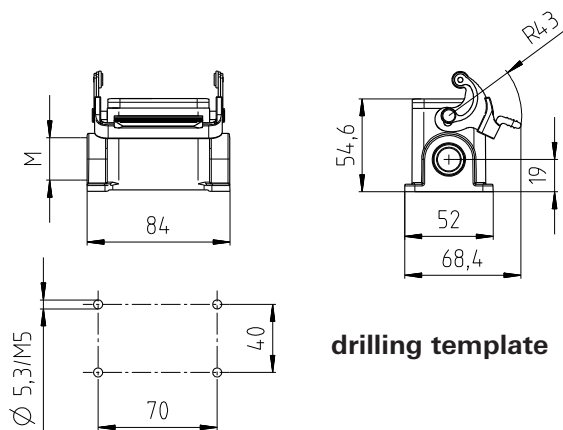


with metal cover

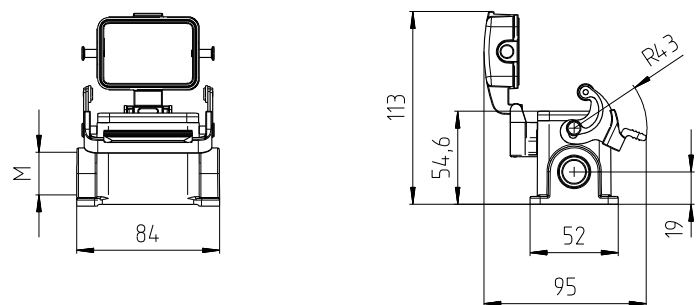


drilling template

closed, 1 x threaded collar, left
without cover



with metal cover



drilling template

Hoods, single locking lever

Size 10

Hoods Size 10

Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



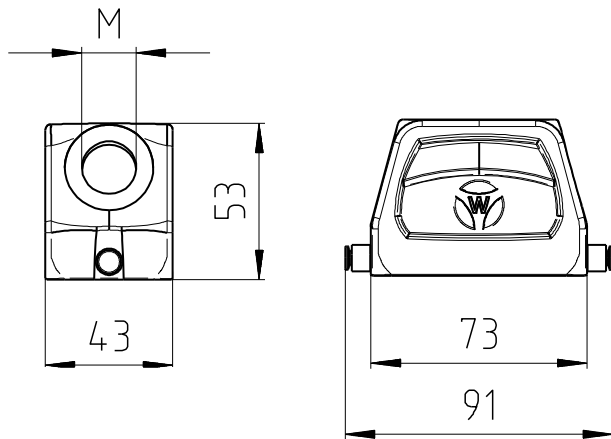
Description	Type	M	Part No.	P.U.
Hoods, size 10	Aluminum housing			
Lateral cable entry M20				
with threaded collar	BAS GOM GG10 M20 B1	20	71.450.1037.1	1
Top cable entry M20				
with threaded collar	BAS GOM GI10 M20 B1	20	71.452.1037.1	1
Multipole connectors for cable-to-cable couplings M20				
with threaded collar, locking levers and gasket	BAS GOM GL10 M20 B1	20	71.472.1037.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	-
Corrosion protection (NSS)	> 2000 hrs according to DIN EN ISO 9227
Locking levers	-
Gasket	-
Degree of protection	
with appropriate cable glands	IP 66 according to DIN EN 60 529
Protection class according to UL 50	NEMA Type 4/4X/12 (pending)
Temperature range	-40 ... +120 °C

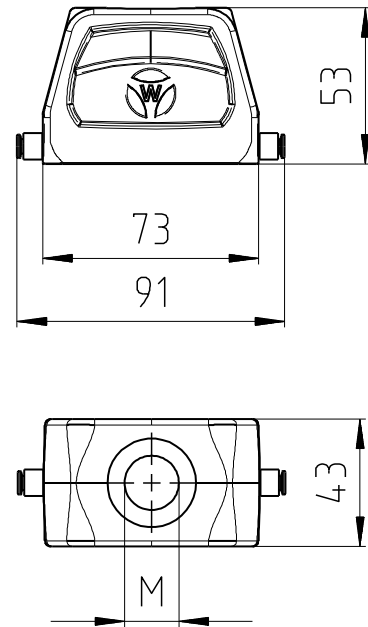
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10

Dimensions

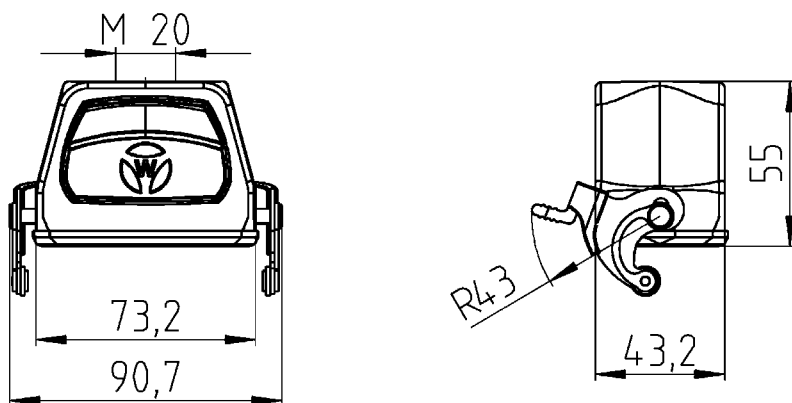
Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



Bases, single locking lever Size 10

Bases, Size 10

open



closed
2 x threaded collar



closed
1 x threaded collar, left

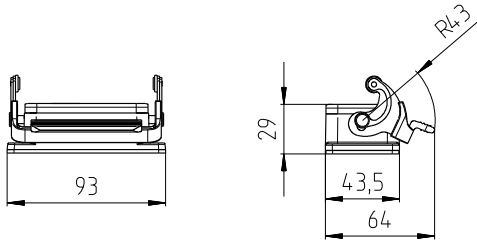


Description	Type	M	Part No.	P.U.
Bases, size 10				
Open-bottom base				
without cover	BAS GUM GK 10 B		71.420.1037.0	1
with metal cover	BAS GUM GP 10 B		71.425.1037.0	1
Closed-bottom base				
2 x threaded collar M20				
without cover	BAS GUM GL 10 M20 B1	20	71.430.1037.1	1
with metal cover	BAS GUM GR 10 M20 B1	20	71.440.1037.1	1
Closed-bottom base				
1 x threaded collar M20, left				
without cover	BAS GUM GM 10 M20 B1	20	71.431.1037.1	1
with metal cover	BAS GUM GS 10 M20 B1	20	71.441.1037.1	1
Technical data				
Material	Die cast aluminum alloy			
Surface	-			
Corrosion protection (NSS)	> 2000 hrs according to DIN EN ISO 9227			
Locking levers	Handle: heatresistant thermoplastic Locking lever: stainless steel			
Gasket	Fluorine Elastomer			
Degree of protection				
with appropriate cable glands	IP 66 according to DIN EN 60 529			
Protection class according to UL 50	NEMA Type 4/4X/12 (pending)			
Temperature range	-40 ... +120 °C			

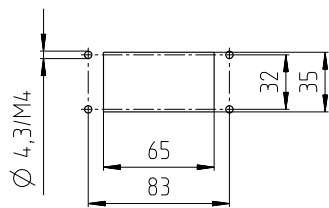
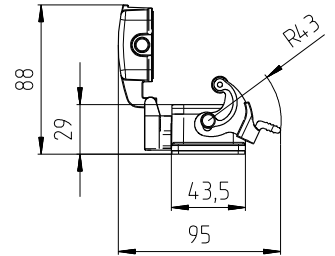
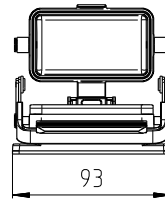
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10

Dimensions

open
without cover

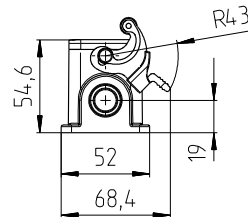
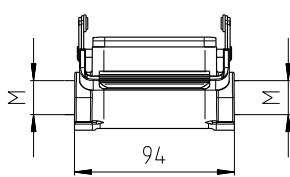


with metal cover

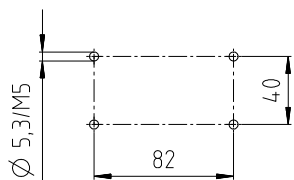
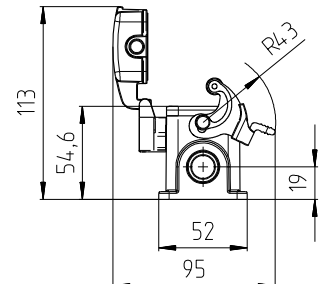
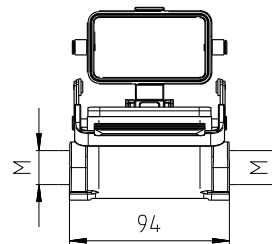


drilling template

closed, 2 x threaded collar
without cover

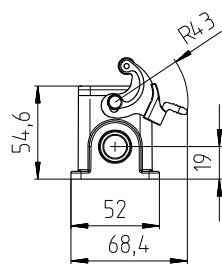
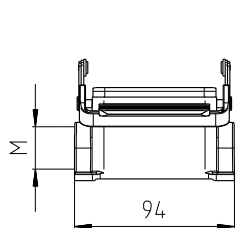


with metal cover

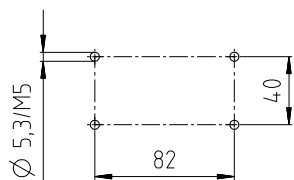
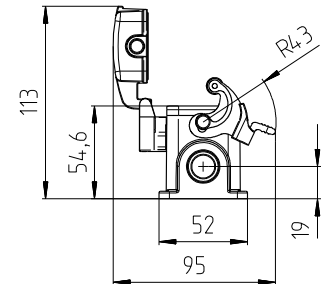
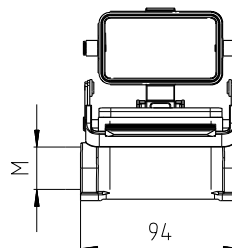


drilling template

closed, 1 x threaded collar, left
without cover



with metal cover



drilling template

Hoods, single locking lever

Size 16

Hoods Size 16

Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



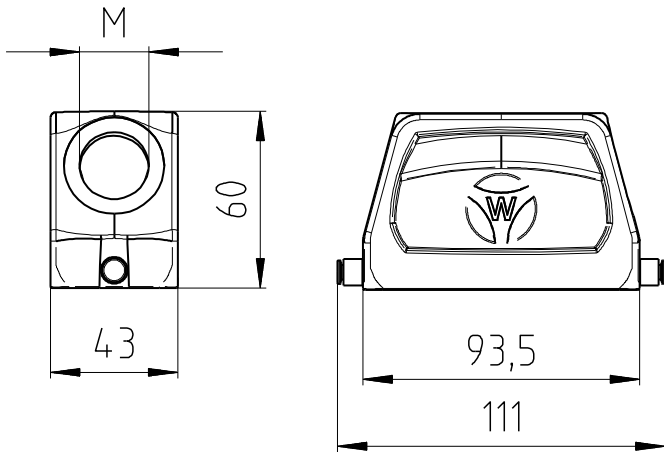
Description	Type	M	Part No.	P.U.
Hoods, size 16	Aluminum housing			
Lateral cable entry M25				
with threaded collar	BAS GOM GG16 M25 B1	25	71.450.1637.1	1
Top cable entry M25				
with threaded collar	BAS GOM GI16 M25 B1	25	71.452.1637.1	1
Multipole connectors for cable-to-cable couplings M25				
with threaded collar, locking levers and gasket	BAS GOM GL16 M25 B1	25	71.472.1637.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	-
Corrosion protection (NSS)	> 2000 hrs according to DIN EN ISO 9227
Locking levers	-
Gasket	-
Degree of protection	
with appropriate cable glands	IP 66 according to DIN EN 60 529
Protection class according to UL 50	NEMA Type 4/4X/12 (pending)
Temperature range	-40 ... +120 °C

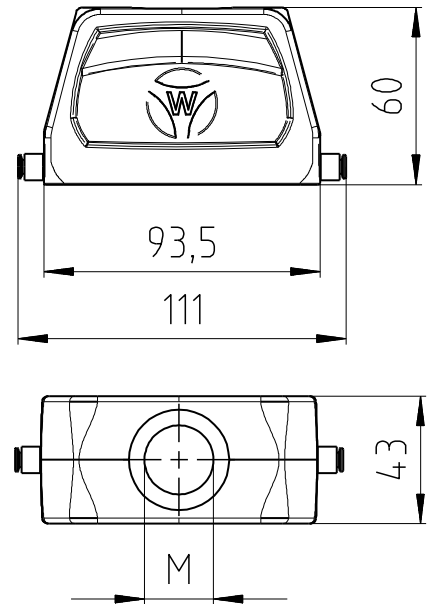
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10

Dimensions

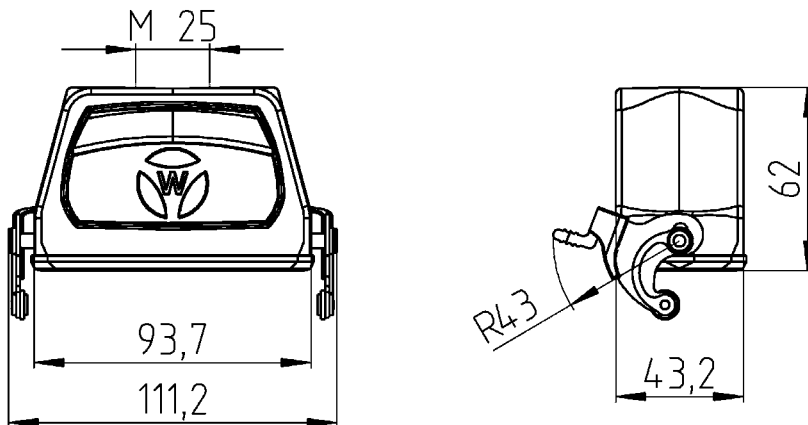
Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



Bases, single locking lever Size 16

Bases, Size 16

open



closed 2 x threaded collar



closed 1 x threaded collar, left

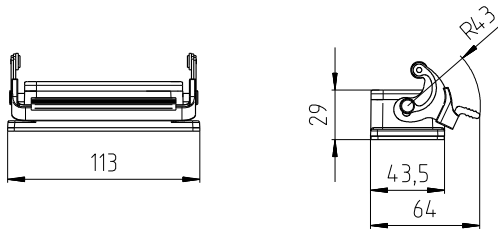


Description	Type	M	Part No.	P.U.
Bases, size 16				
Open-bottom base				
without cover	BAS GUM GK 16 B		71.420.1637.0	1
with metal cover	BAS GUM GP 16 B		71.425.1637.0	1
Closed-bottom base				
2 x threaded collar M25				
without cover	BAS GUM GL 16 M25 B1	25	71.430.1637.1	1
with metal cover	BAS GUM GR 16 M25 B1	25	71.440.1637.1	1
Closed-bottom base				
1 x threaded collar M25, left				
without cover	BAS GUM GM 16 M25 B1	25	71.431.1637.1	1
with metal cover	BAS GUM GS 16 M25 B1	25	71.441.1637.1	1
Technical data				
Material	Die cast aluminum alloy			
Surface	-			
Corrosion protection (NSS)	> 2000 hrs according to DIN EN ISO 9227			
Locking levers	Handle: heatresistant thermoplastic Locking lever: stainless steel			
Gasket	Fluorine Elastomer			
Degree of protection				
with appropriate cable glands	IP 66 according to DIN EN 60 529			
Protection class according to UL 50	NEMA Type 4/4X/12 (pending)			
Temperature range	-40 ... +120 °C			

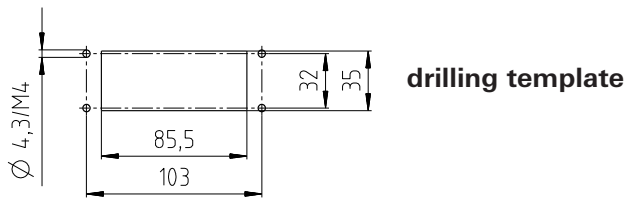
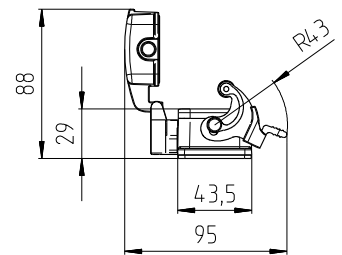
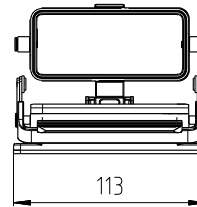
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10

Dimensions

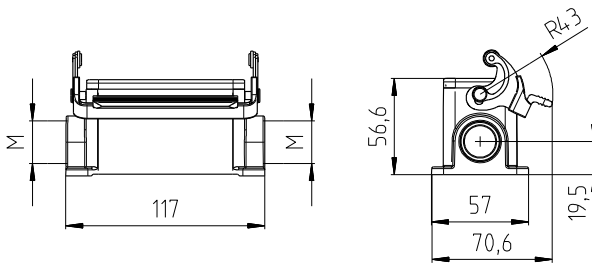
**open
without cover**



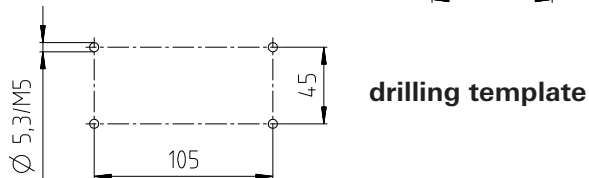
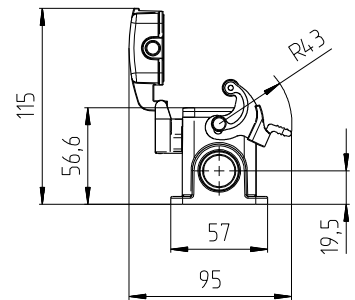
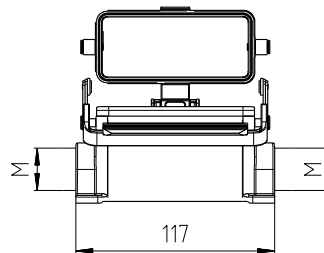
with metal cover



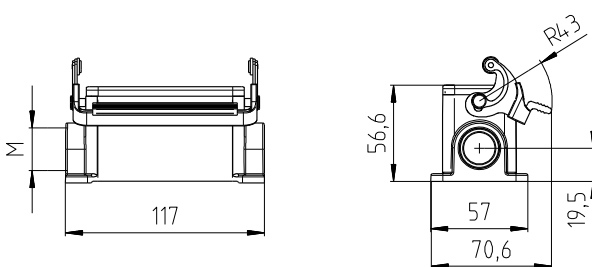
**closed, 2 x threaded collar
without cover**



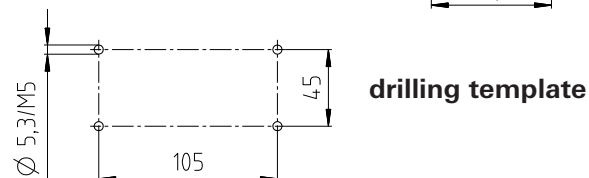
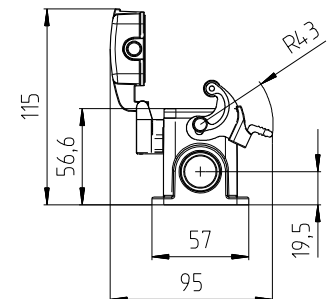
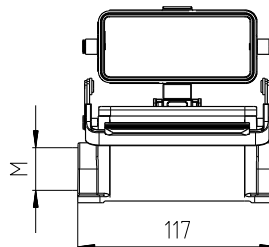
with metal cover



**closed, 1 x threaded collar, left
without cover**



with metal cover



Hoods, single locking lever

Size 24

Hoods Size 24

Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



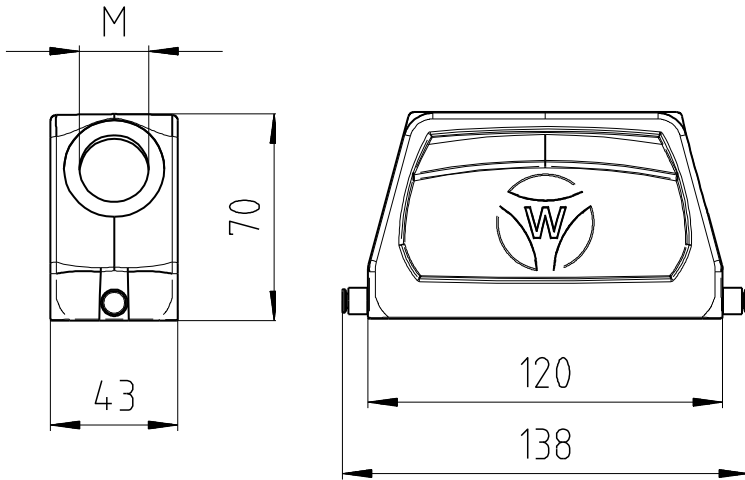
Description	Type	M	Part No.	P.U.
Hoods, size 24	Aluminum housing			
Lateral cable entry M25				
with threaded collar	BAS GOM GG24 M25 B1	25	71.450.2437.1	1
Top cable entry M25				
with threaded collar	BAS GOM GI24 M25 B1	25	71.452.2437.1	1
Multipole connectors for cable-to-cable couplings M25				
with threaded collar, locking levers and gasket	BAS GOM GL24 M25 B1	25	71.472.2437.1	1

Technical data	
Material	Die cast aluminum alloy
Surface	-
Corrosion protection (NSS)	> 2000 hrs according to DIN EN ISO 9227
Locking levers	-
Gasket	-
Degree of protection	
with appropriate cable glands	IP 66 according to DIN EN 60 529
Protection class according to UL 50	NEMA Type 4/4X/12 (pending)
Temperature range	-40 ... +120 °C

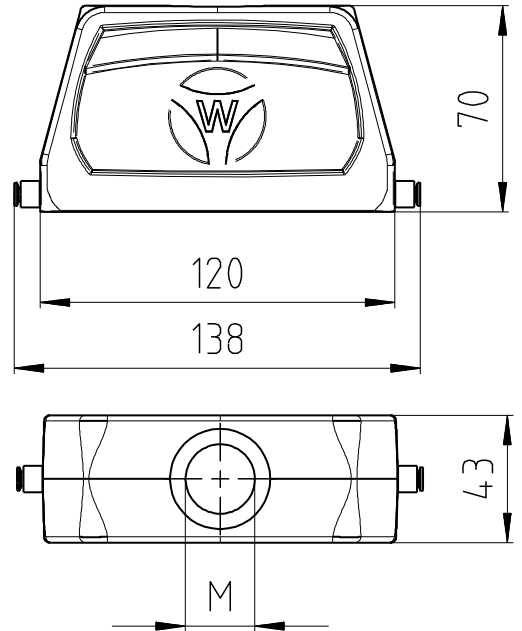
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10

Dimensions

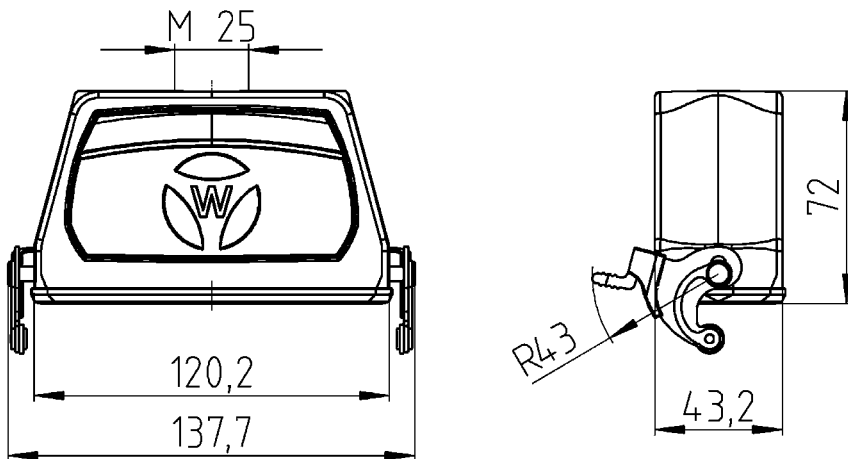
Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



Bases, single locking lever

Size 24

Bases, Size 24

open



closed 2 x threaded collar



closed 1 x threaded collar, left

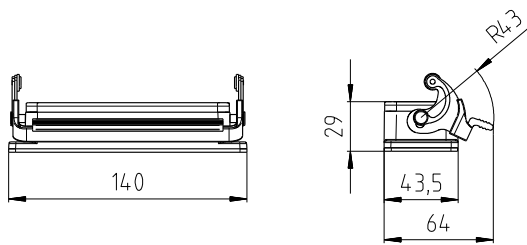


Description	Type	M	Part No.	P.U.
Bases, size 24				
Open-bottom base				
without cover	BAS GUM GK 24 B		71.420.2437.0	1
with metal cover	BAS GUM GP 24 B		71.425.2437.0	1
Closed-bottom base				
2 x threaded collar M25				
without cover	BAS GUM GL 24 M25 B1	25	71.430.2437.1	1
with metal cover	BAS GUM GR 24 M25 B1	25	71.440.2437.1	1
Closed-bottom base				
1 x threaded collar M25, left				
without cover	BAS GUM GM 24 M25 B1	25	71.431.2437.1	1
with metal cover	BAS GUM GS 24 M25 B1	25	71.441.2437.1	1
Technical data				
Material	Die cast aluminum alloy			
Surface	-			
Corrosion protection (NSS)	> 2000 hrs according to DIN EN ISO 9227			
Locking levers	Handle: heatresistant thermoplastic Locking lever: stainless steel			
Gasket	Fluorine Elastomer			
Degree of protection				
with appropriate cable glands	IP 66 according to DIN EN 60 529			
Protection class according to UL 50	NEMA Type 4/4X/12 (pending)			
Temperature range	-40 ... +120 °C			

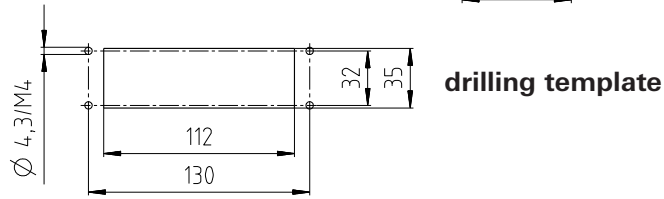
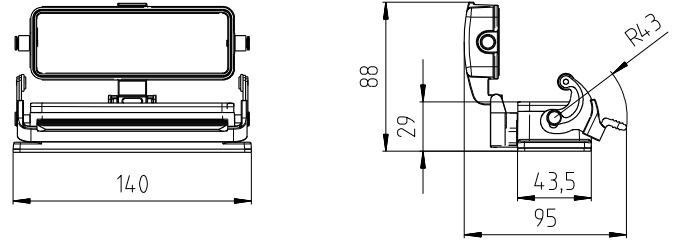
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10

Dimensions

open
without cover

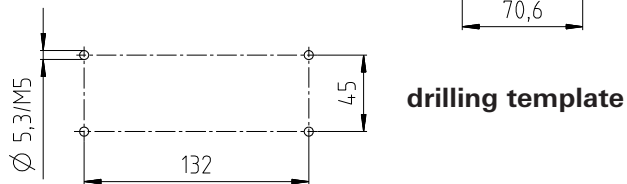
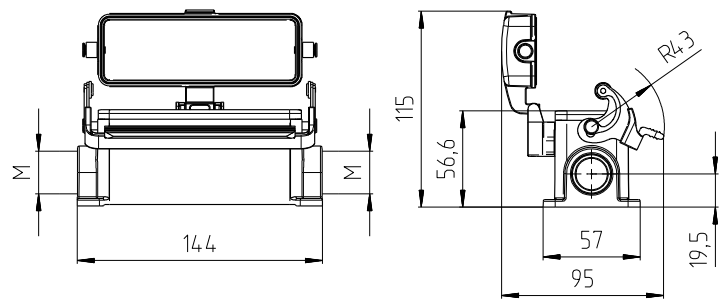
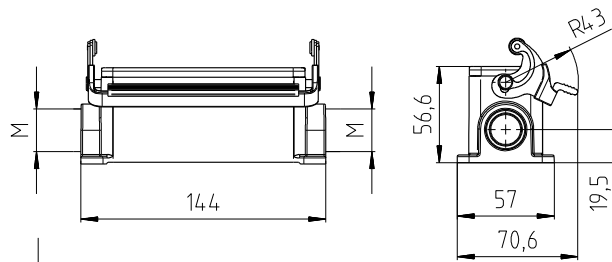


with metal cover



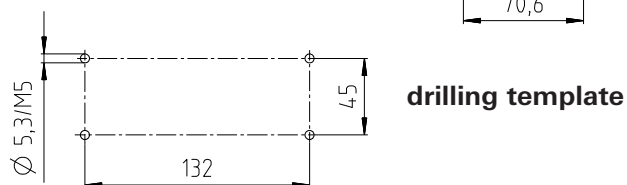
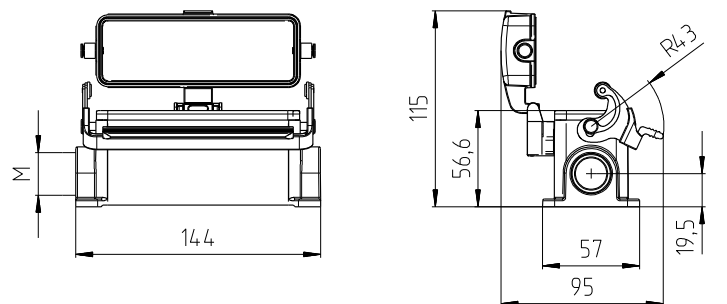
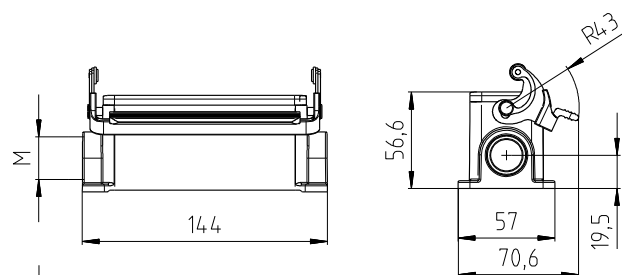
closed, 2 x threaded collar
without cover

with metal cover



closed, 1 x threaded collar, left
without cover

with metal cover



Hoods, single locking lever

Size 10/15

Hoods Size 10/15

Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



Description	Type	M	Part No.	P.U.
Hoods, size 10/15		Aluminum housing		
Lateral cable entry M20				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 3 – 14.5 mm	HD GOT GI 15 M20 50 A0	20	76.352.1535.0	1
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm and locking lever	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 and locking lever	HD GOT GL 15 M20 50 A1	20	76.372.1535.1	1

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

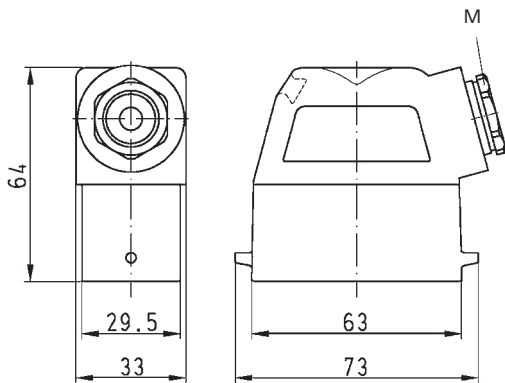
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 6 – 12 mm	20	Z5.507.1353.0	10
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0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

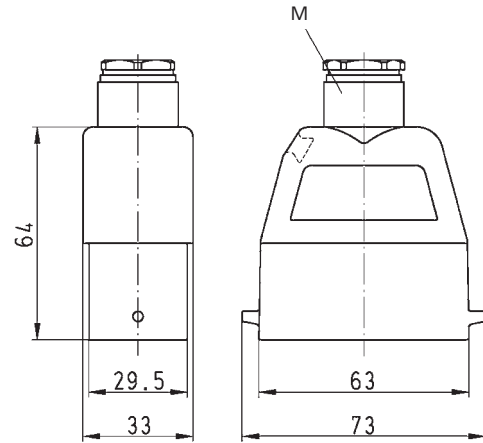
Dimensions

Hoods

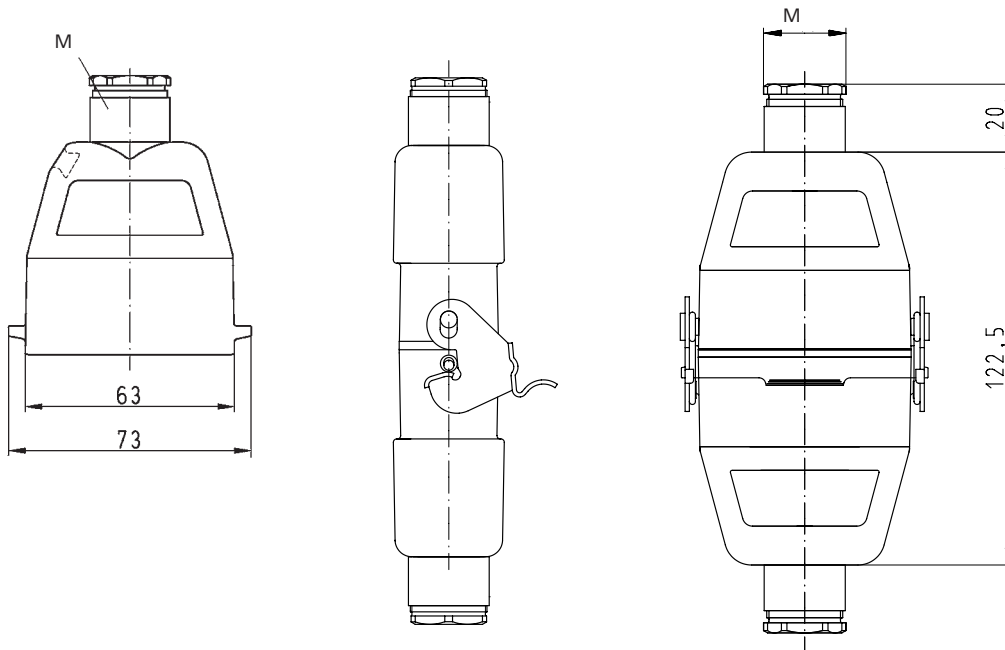
Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



Bases, single locking lever

Size 10/15

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

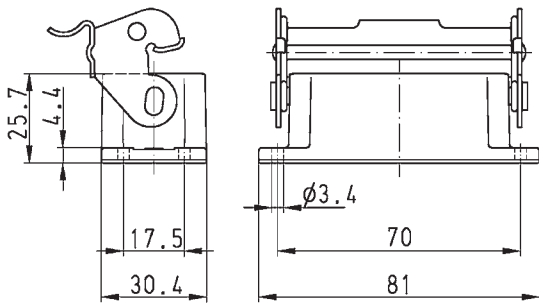


Description	Type	M	Part No.	P.U.
Bases, size 10/15				
Open-bottom base				
without cover	HD GUT GK 15 50 A		76.320.1528.0	1
with metal cover	HD GUT MP 15 50 A		76.425.1528.0	1
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 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, $\rightarrow \varnothing \leftarrow$ 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, $\rightarrow \varnothing \leftarrow$ 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, $\rightarrow \varnothing \leftarrow$ 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, $\rightarrow \varnothing \leftarrow$ 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, $\rightarrow \varnothing \leftarrow$ 3 – 14.5 mm	HD GUT MS15 M20 50 A0	20	76.441.1535.0	1
with threaded collar	HD GUT MS15 M20 50 A1	20	76.441.1535.1	1
1 cable gland, right, 1 x M20				
without cover				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 3 – 14.5 mm	HD GUT GN15 M20 50 A0	20	76.332.1535.0	1
with threaded collar	HD GUT GN15 M20 50 A1	20	76.332.1535.1	1
with metal cover				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 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, $\rightarrow \varnothing \leftarrow$ 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, $\rightarrow \varnothing \leftarrow$ 7.5 – 19 mm	HD GUT MS15 M25 50 A0	25	76.445.1535.0	1
with threaded collar	HD GUT MS15 M25 50 A1	25	76.445.1535.1	1
1 cable gland seitlich, right, 1 x M25				
without cover				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 7.5 – 19 mm	HD GUT GT15 M25 50 A0	25	76.336.1535.0	1
with threaded collar	HD GUT GT15 M25 50 A1	25	76.336.1535.1	1
with metal cover				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 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	powder coated			
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	

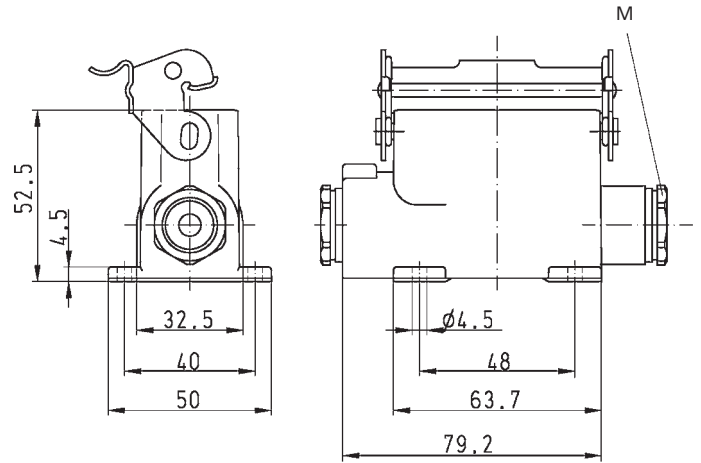
Dimensions

Bases

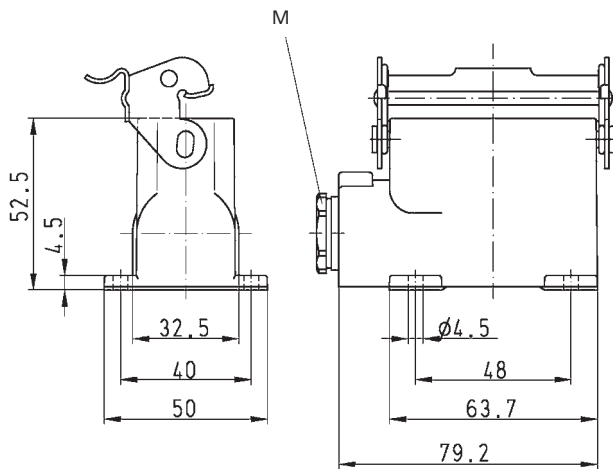
open



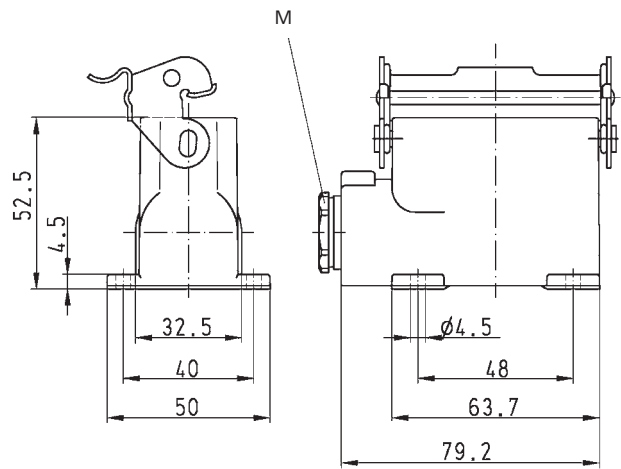
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, lateral cable entry



Hoods, single locking lever

Size 16/25

Hoods Size 16/25

Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings

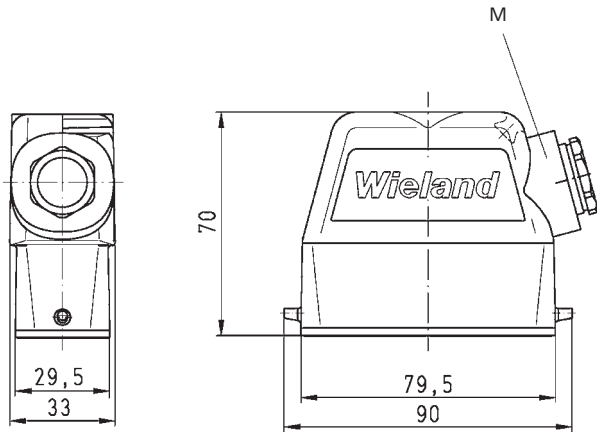


Description	Type	M	Part No.	P.U.
Hoods, size 16/25				
Aluminum housing				
Lateral cable entry M20				
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow$ 3 – 14.5 mm	HD GOT GG 25 M20 50 A0	20	76.350.2535.0	1
with intermediate support	HD GOT GG 25 M20 50 A2	20	76.350.2535.2	1
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow$ 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, $\rightarrow \text{Ø} \leftarrow$ 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, $\rightarrow \text{Ø} \leftarrow$ 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, $\rightarrow \text{Ø} \leftarrow$ 3 – 14.5 mm	HD GOT GI 25 M20 50 A0	20	76.352.2535.0	1
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow$ 3 – 14.5 mm and locking lever	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 and locking lever	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, $\rightarrow \text{Ø} \leftarrow$ 7.5 – 19 mm	HD GOT GI 25 M25 50 A0	25	76.354.2535.0	1
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow$ 7.5 – 19 mm and locking lever	HD GOT GL 25 M25 50 A0	25	76.374.2535.0	1
Technical data				
Material	Die cast aluminum alloy			
Surface	powder coated			
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	

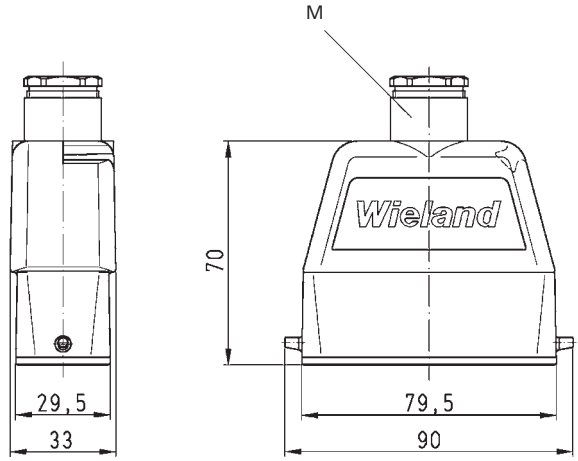
Dimensions

Hoods

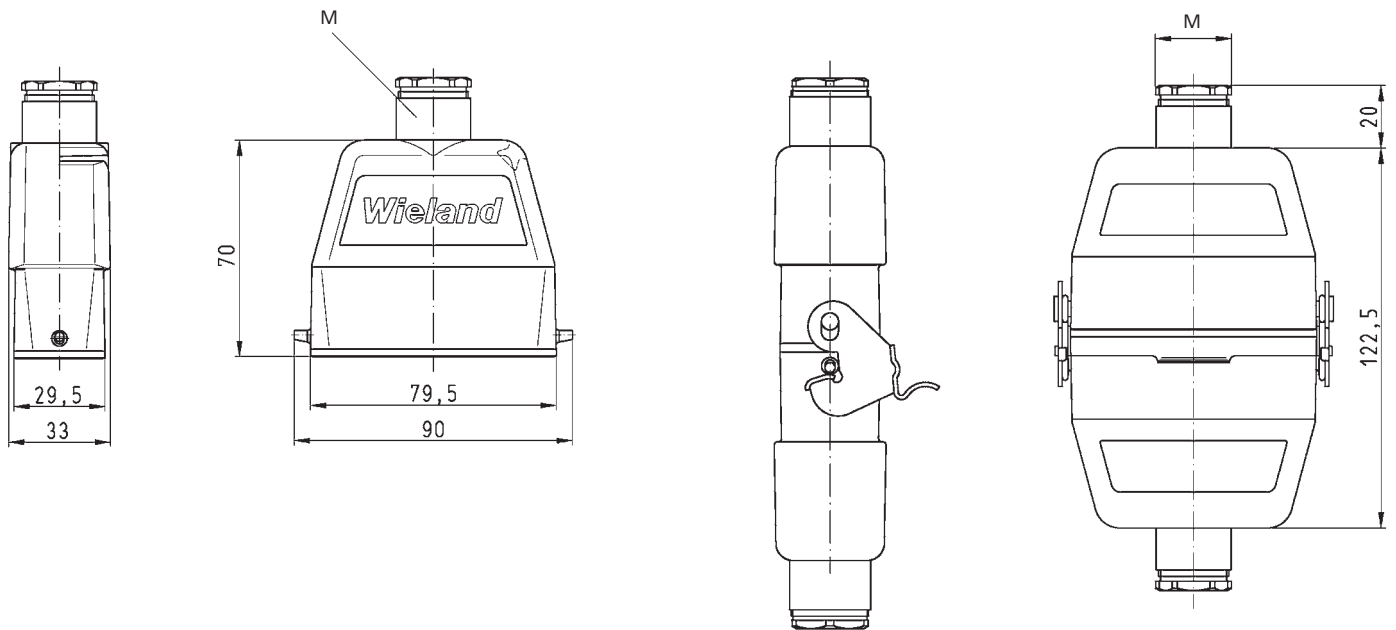
Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



Bases, single locking lever

Size 16/25

Bases, Size 16/25

open
without cover
with cover



closed
1 cable gland
without cover
with cover

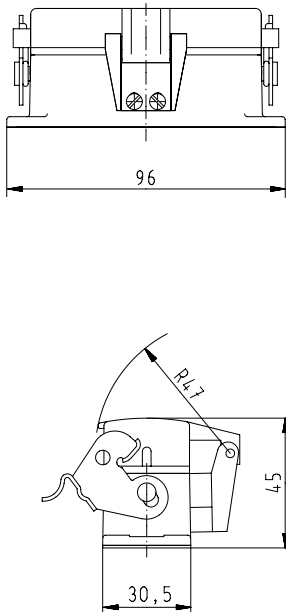


Description	Type	M	Part No.	P.U.
Bases, size 16/25				
Open-bottom base				
without cover	HD GUT GK 25 50 A		76.320.2528.0	1
mit plasticdeckel	HD GUT GP 25 50 A		76.325.2528.0	1
with metal cover	HD GUT MP 25 50 A		76.425.2528.0	1
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated			
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	

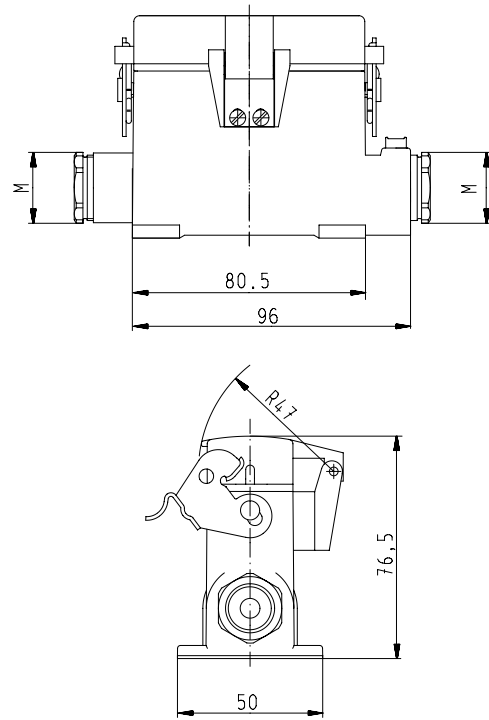
Dimensions

Bases

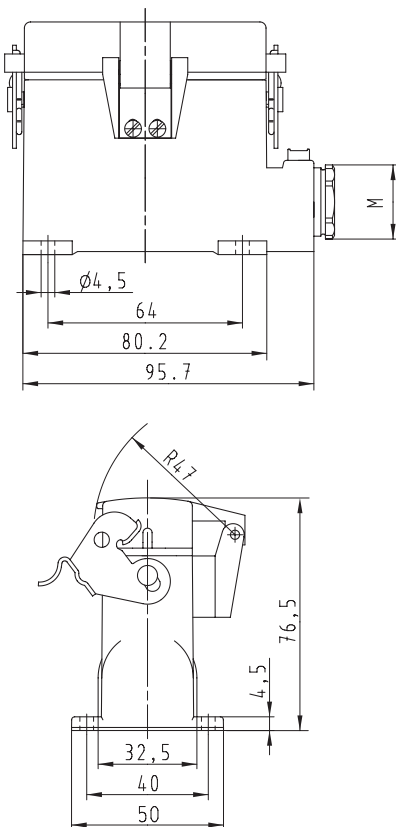
open with cover



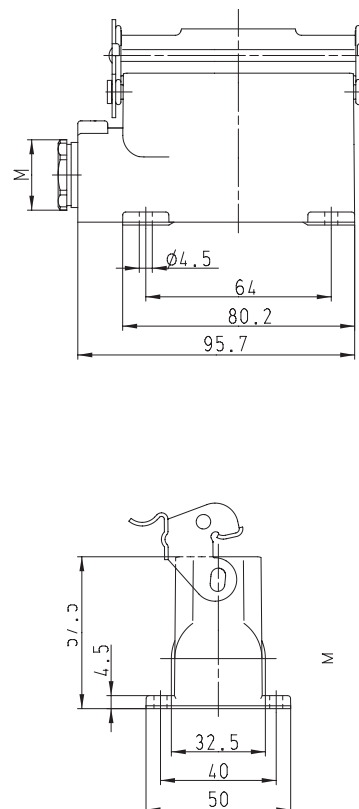
closed with cover, 2 cable glands



closed with cover, 1 cable gland



closed without cover, 1 cable gland



Hoods, double locking lever

Size 32/50

Hoods Size 32/50

Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings

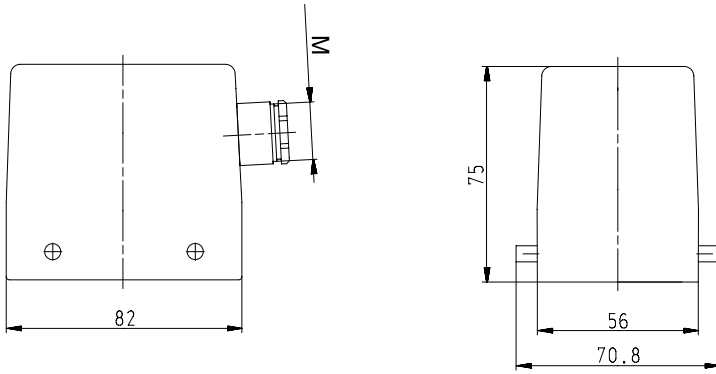


Description	Type	M	Part No.	P.U.
Hoods, size 32/50	Aluminum housing			
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	HD GOT GA 32 M25 69 A0	25	73.350.3235.0	1
with threaded collar	HD GOT GA 32 M25 69 A1	25	73.350.3235.1	1
Lateral cable entry M32				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated			
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	

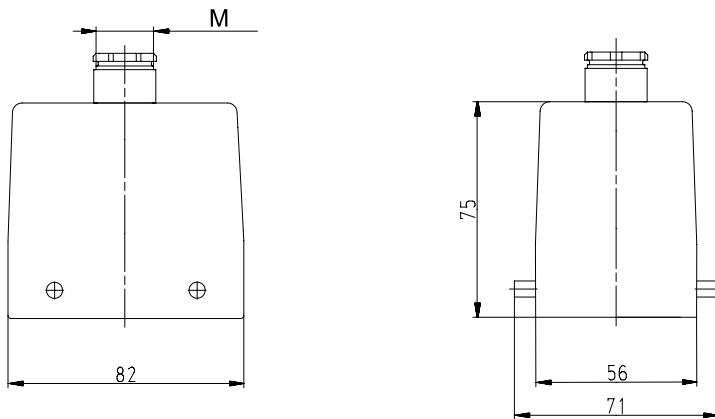
Dimensions

Hoods

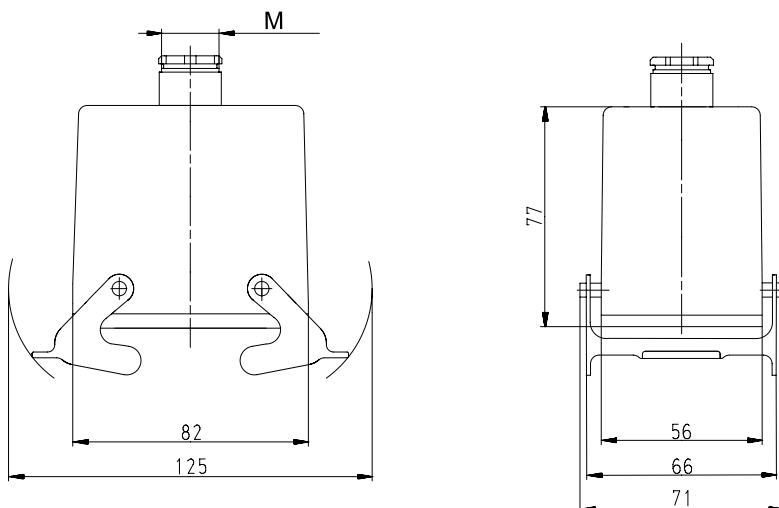
Lateral cable entry



Top cable entry



Multipole connectors for cable-to-cable couplings



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

Hoods Size 32/50

Lateral cable entry



Top cable entry

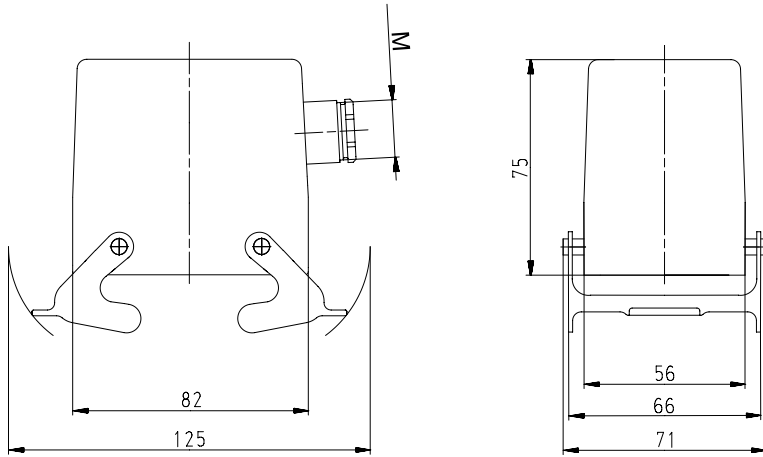


Description	Type	M	Part No.	P.U.
Hoods, size 32/50	Aluminum housing			
Lateral cable entry M25				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	HD GOT GD 32 M25 69 A0	25	73.355.3235.0	1
with threaded collar	HD GOT GD 32 M25 69 A1	25	73.355.3235.1	1
Lateral cable entry M32				
with cable gland, IP54, $\rightarrow \varnothing $ 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	powder coated			
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	

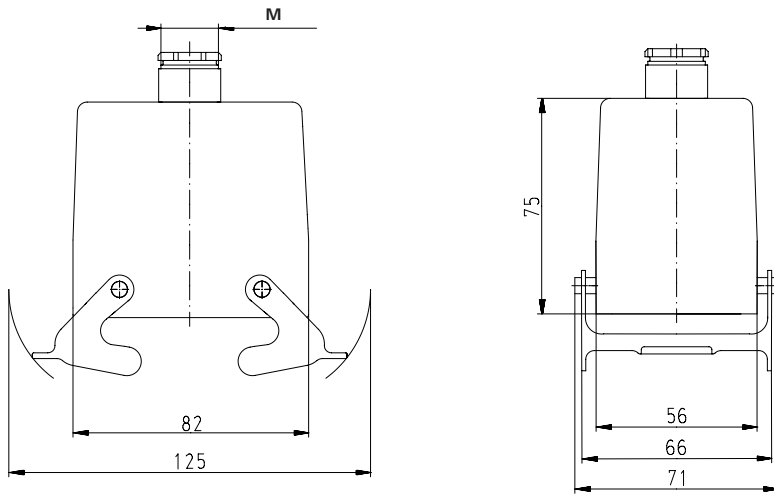
Dimensions

Hoods with Locking levers

Lateral cable entry



Top cable entry



Bases, double locking lever

Size 32/50

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.
Bases, size 32/50				
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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated
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

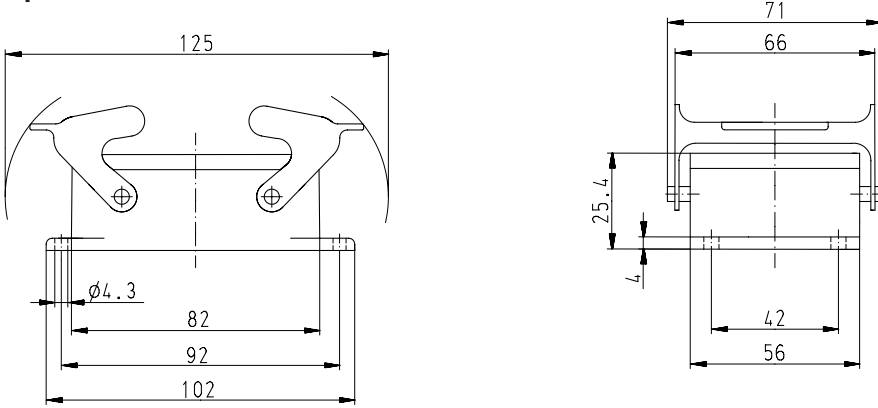
Description	Type	M	Part No.	P.U.
Accessories				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	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

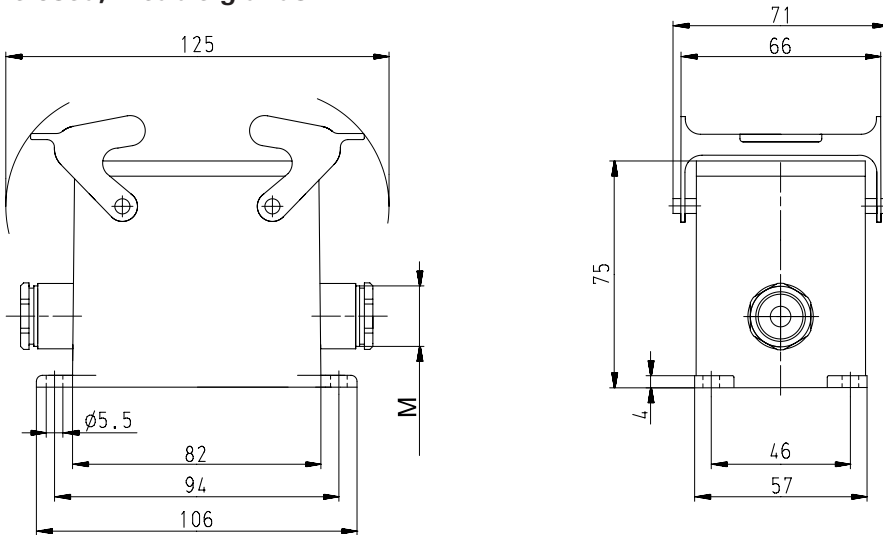
Dimensions

Bases, with and without Locking levers

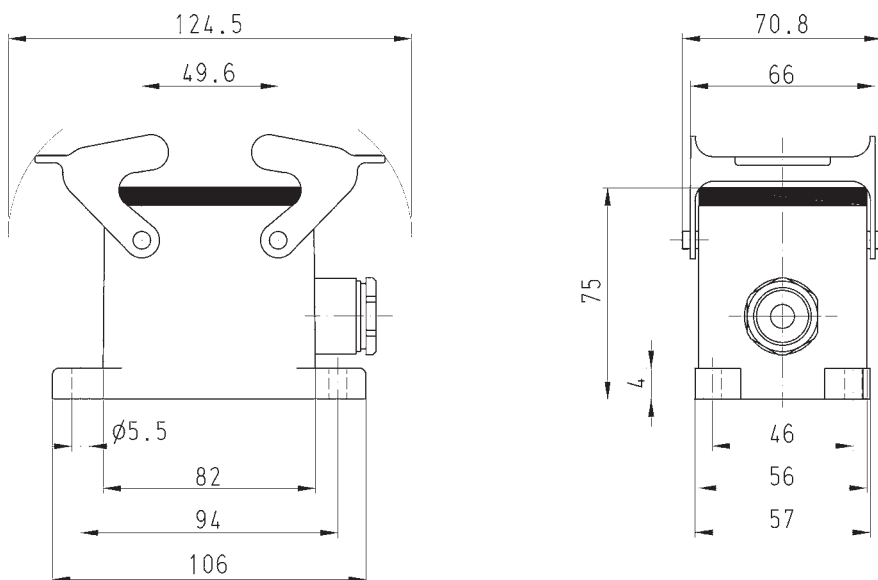
open



closed, 2 cable glands



closed, 1 cable gland



Hoods, single locking lever

Size 6Ex

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.
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	powder coated, 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 minimum 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  I M1 Ex ia I

BVS 03 ATEX 184 X

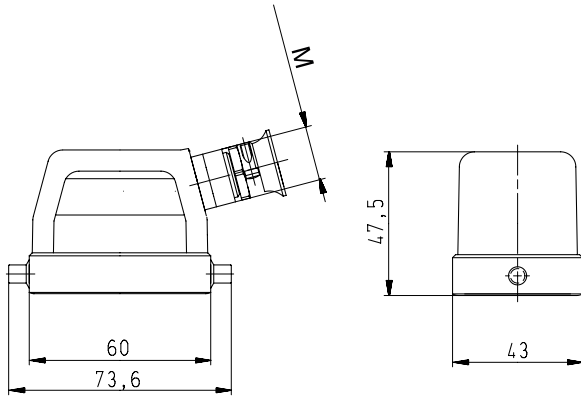
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 298 and 303.

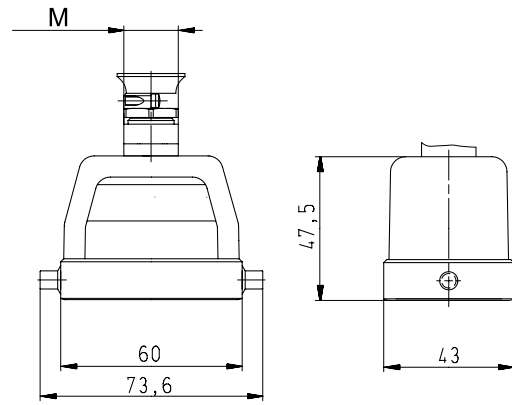
Dimensions

Hoods

Lateral cable entry

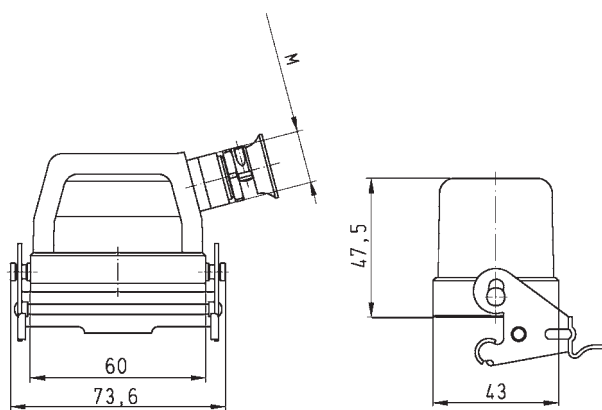


Top cable entry



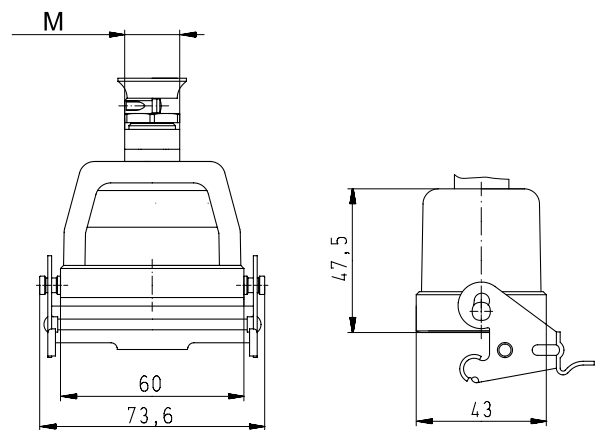
Multipole connectors for cable-to-cable couplings with Locking levers and gasket

Lateral cable entry



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

Top cable entry



Bases, single locking lever

Size 6Ex

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.
Bases, size 6Ex				
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, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GL 6 M20 09IA Z0	20	70.330.0636.0	1
with cover				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GL 6 M25 09IA Z0	25	70.334.0636.0	1
with cover				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GM 6 M20 09IA Z0	20	70.331.0636.0	1
with cover				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GM 6 M25 09IA Z0	25	70.335.0636.0	1
with cover				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GO 6 M20 09IA Z0	20	70.333.0636.0	1
with cover				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GO 6 M25 09IA Z0	25	70.337.0636.0	1
with cover				
with cable gland, IP54, $\rightarrow \varnothing $ 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	powder coated, 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 minimum 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  I M1 Ex ia I

BVS 03 ATEX 184 X

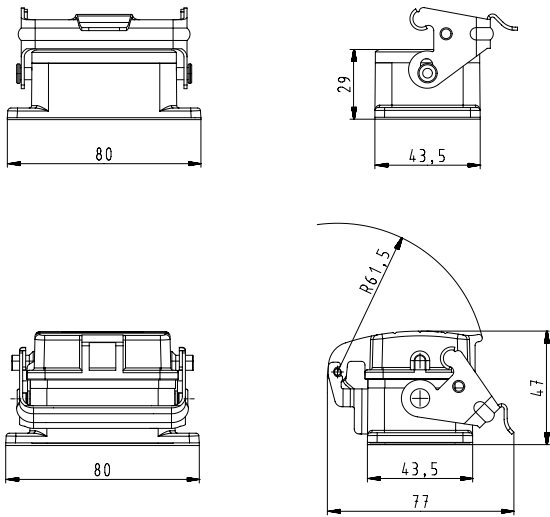
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 298 and 303.

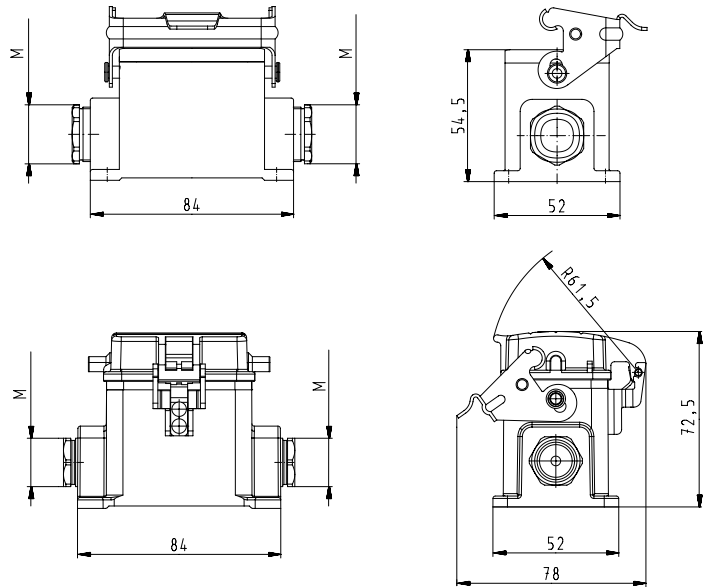
Dimensions

Bases

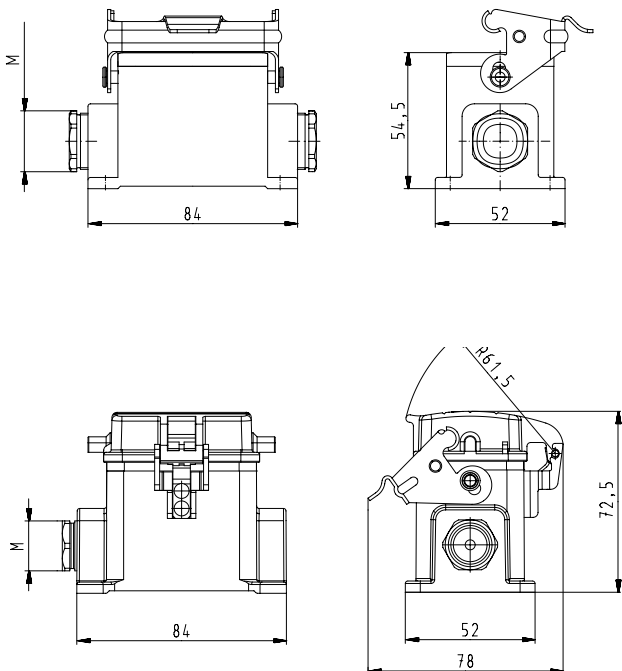
open



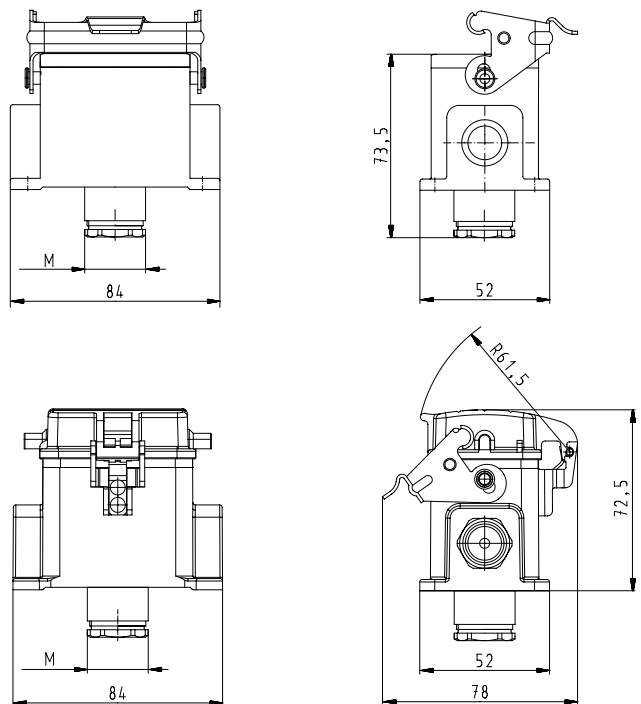
closed, 2 cable glands, lateral cable entry



closed, 1 cable gland, lateral cable entry



closed, 1 cable gland, bottom



Hoods, double locking lever

Size 10Ex

Hoods Size 10Ex



Lateral cable entry

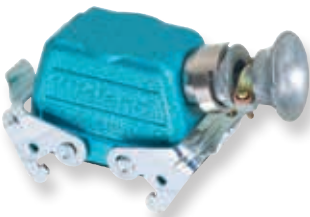


Top cable entry



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.
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	powder coated, 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 minimum 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  I M1 Ex ia I

BVS 03 ATEX 184 X

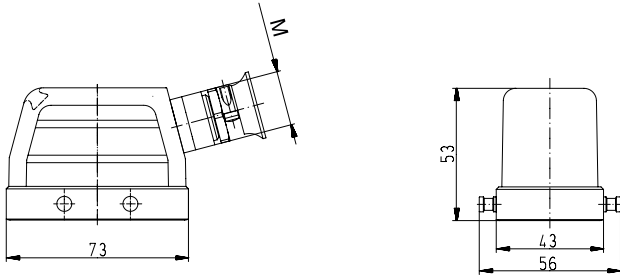
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 298 and 303.

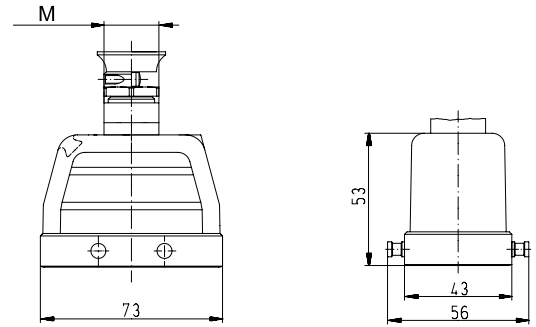
Dimensions

Hoods

Lateral cable entry

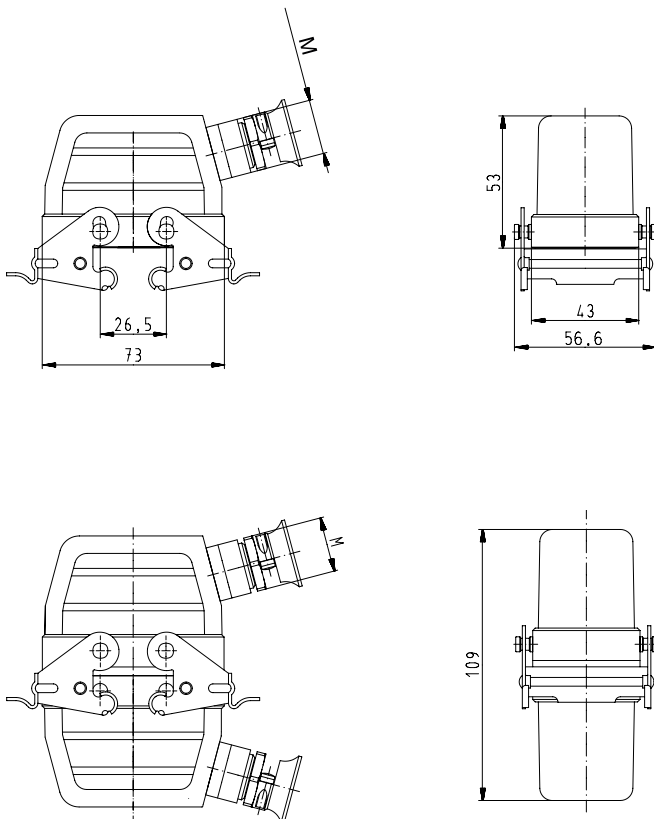


Top cable entry



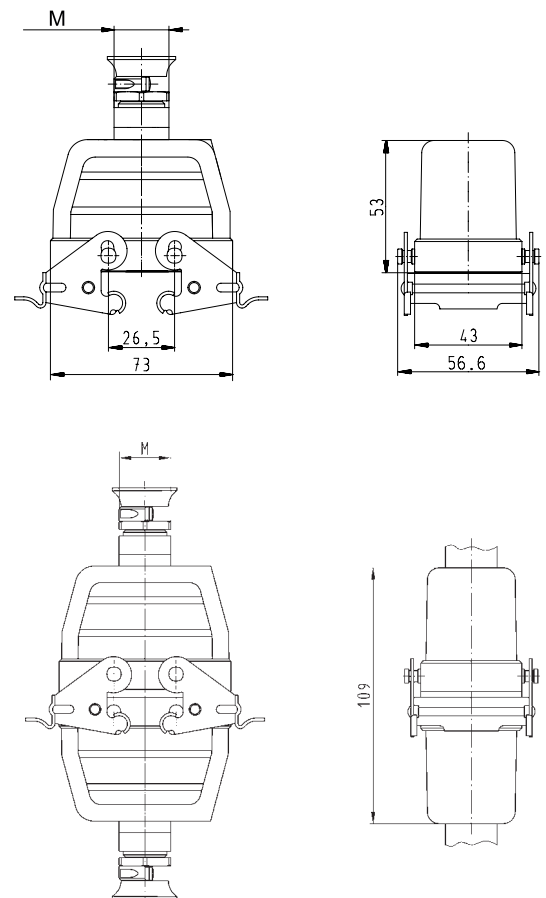
Multipole connectors for cable-to-cable couplings with Locking levers and gasket

Lateral cable entry



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

Top cable entry



Bases, double locking lever

Size 10Ex

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.
Bases, size 10Ex				
Open-bottom base				
without cover	EX GUT GA10 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GB 10 M25 09IA Z0	25	70.334.1036.0	1
with cover				
with cable gland, IP54, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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, $\rightarrow \varnothing $ 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	powder coated, 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 minimum 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  I M1 Ex ia I

BVS 03 ATEX 184 X

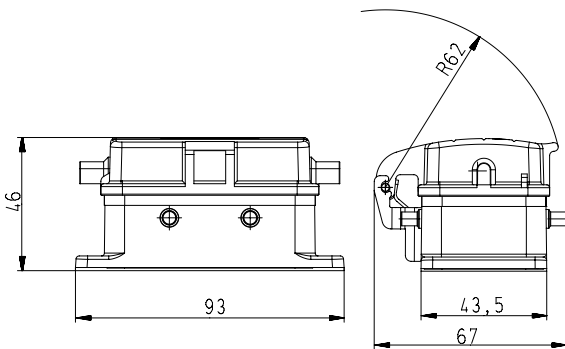
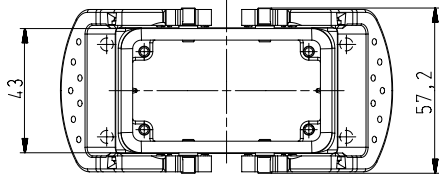
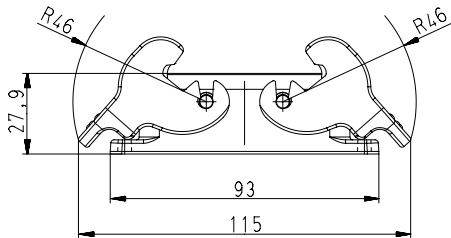
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 298 and 303.

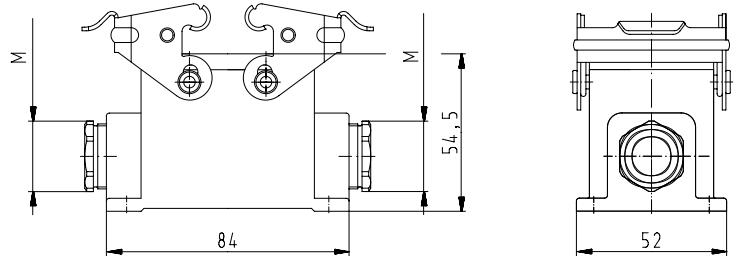
Dimensions

Bases

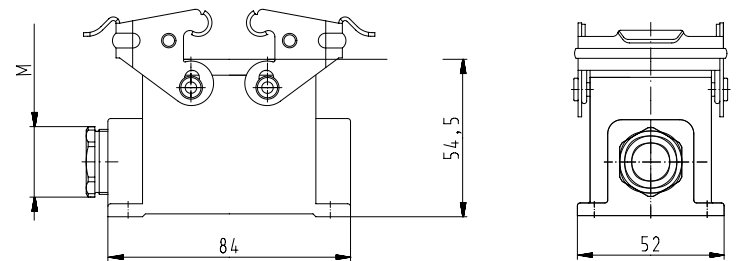
open



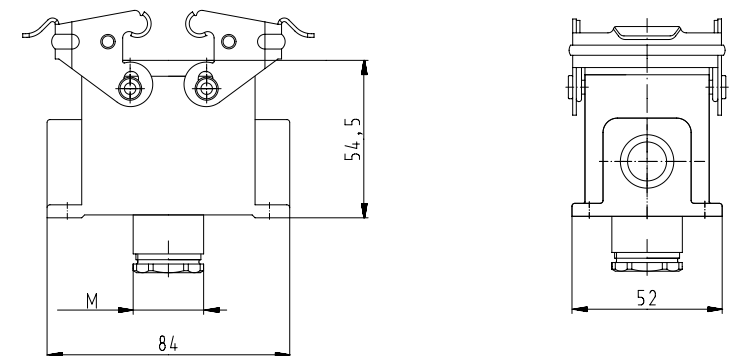
closed, 2 cable glands



closed, 1 cable gland, lateral cable entry



closed, 1 cable gland, bottom



Hoods, double locking lever

Size 16Ex

Hoods Size 16Ex



Lateral cable entry

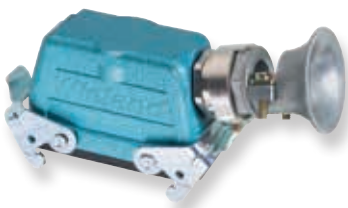


Top cable entry



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.
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	powder coated, 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 minimum 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  I M1 Ex ia I

BVS 03 ATEX 184 X

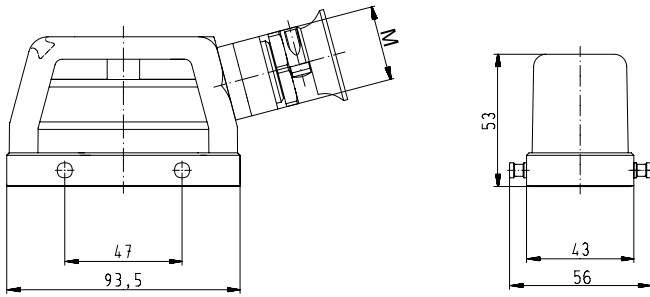
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 298 and 303.

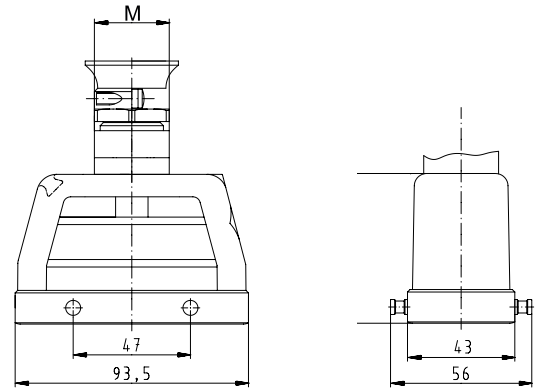
Dimensions

Hoods

Lateral cable entry



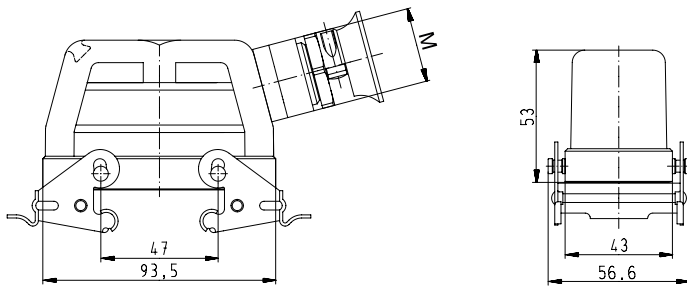
Top cable entry



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

with Locking levers and gasket

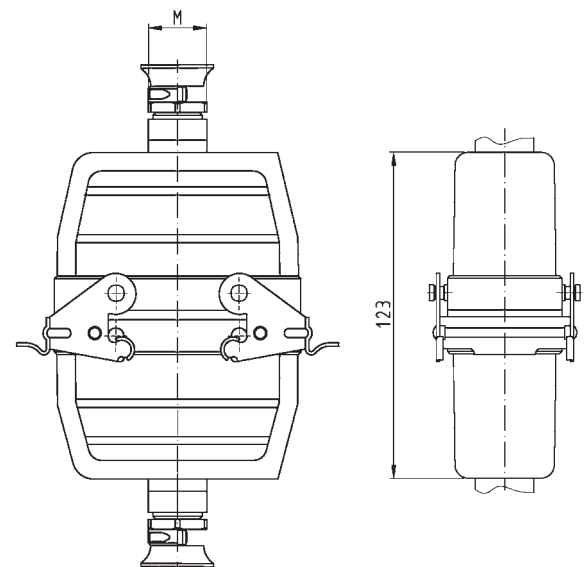
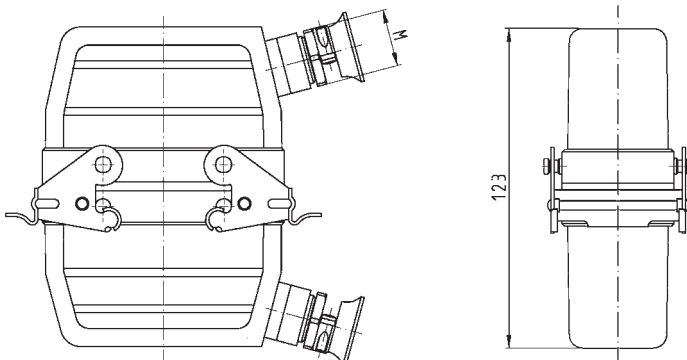
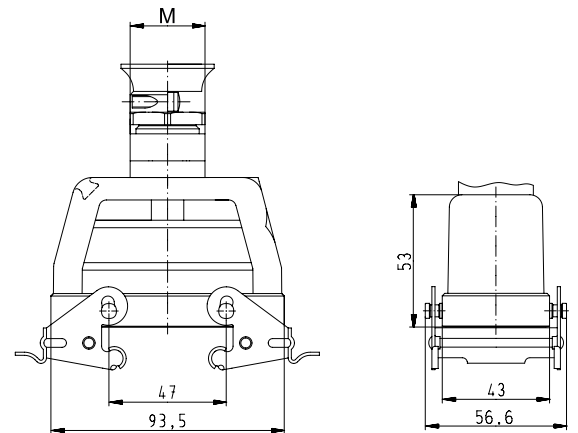
Lateral cable entry



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

with Locking levers and gasket

Top cable entry



Bases, double locking lever Size 16Ex

Bases Size 16Ex



open
without cover



Description	Type	M	Part No.	P.U.
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 GX16 09IA Z		99.702.3329.7	10
Technical data				
Material metal/plastic	Die cast zinc alloy/Cover Polyamide			
Surface	powder coated, 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 minimum 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  I M1 Ex ia I

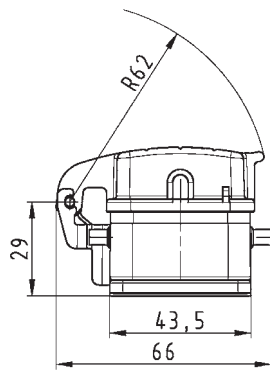
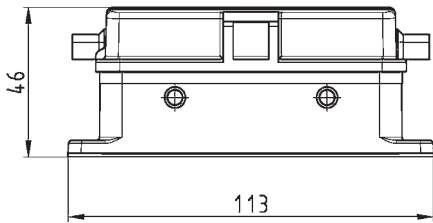
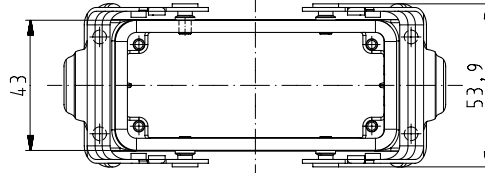
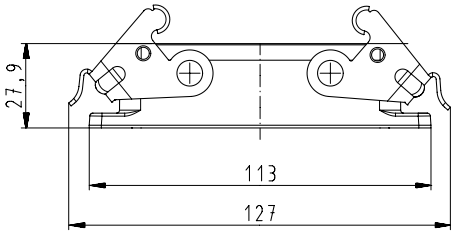
BVS 03 **ATEX** 184 X

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

For assembly instructions, see page 298 and 303.

Dimensions

Bases open



Hoods, double locking lever

Size 24Ex

Hoods Size 24Ex



Lateral cable entry

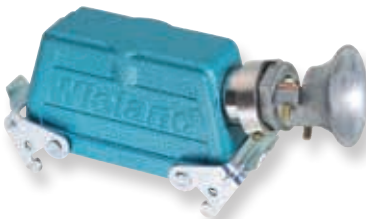


Top cable entry



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.
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 M32 09IA Z1	32	70.354.2436.1	1
with strain relief, IP54 → Ø ← 21 – 28.5 mm	EX GOT GC 24 M32 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 M32 09IA Z1	32	70.359.2436.1	1
with strain relief, IP54 → Ø ← 21 – 28.5 mm, with Locking levers	EX GOT GF 24 M32 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	powder coated, 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 minimum 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  I M1 Ex ia I

BVS 03 ATEX 184 X

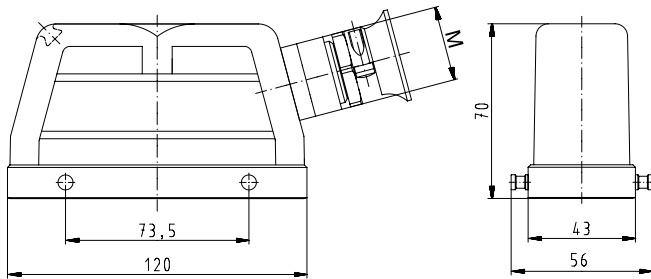
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 298 and 303.

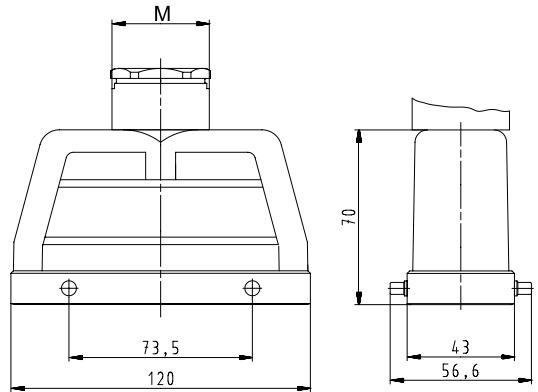
Dimensions

Hoods

Lateral cable entry

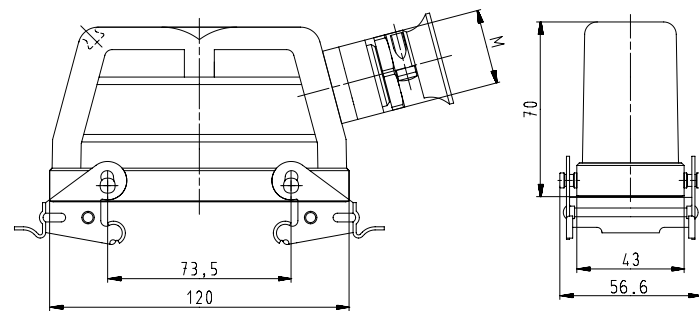


Top cable entry



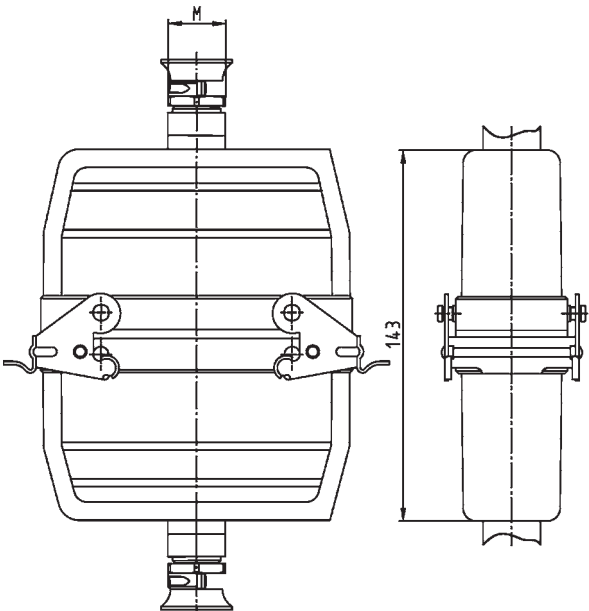
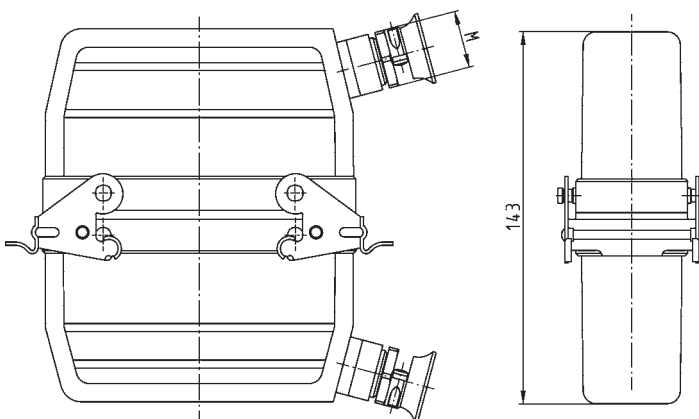
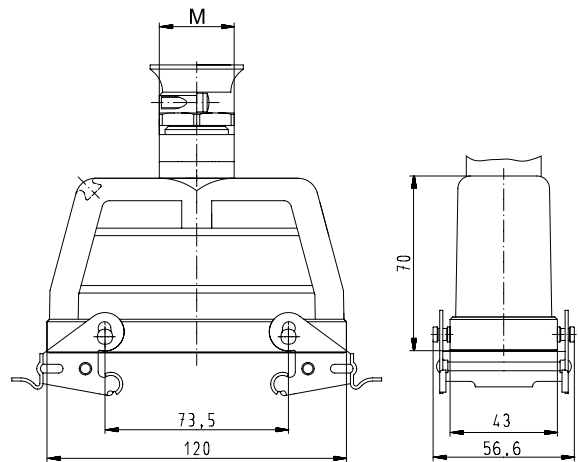
Multipole connectors for cable-to-cable couplings with Locking levers and gasket

Lateral cable entry



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

Top cable entry



Bases, double locking lever

Size 24Ex

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.
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		99.704.3329.7	10
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, $\Rightarrow \varnothing \leftarrow$ 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, $\Rightarrow \varnothing \leftarrow$ 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, $\Rightarrow \varnothing \leftarrow$ 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, $\Rightarrow \varnothing \leftarrow$ 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, $\Rightarrow \varnothing \leftarrow$ 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, $\Rightarrow \varnothing \leftarrow$ 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	powder coated, 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 minimum 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  I M1 Ex ia I

BVS 03 **ATEX** 184 X

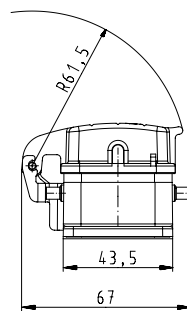
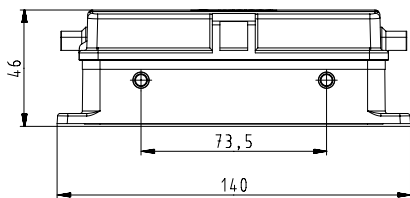
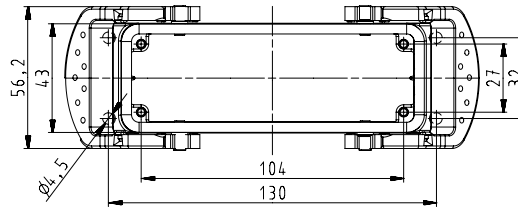
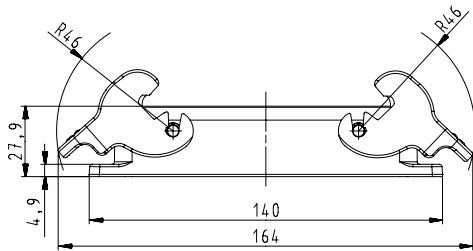
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 298 and 303.

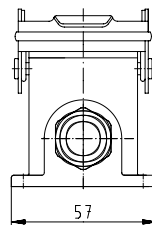
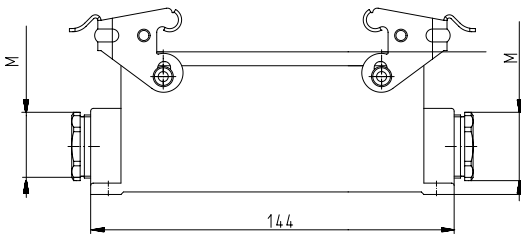
Dimensions

Bases

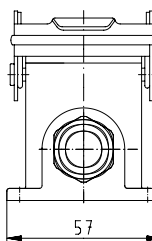
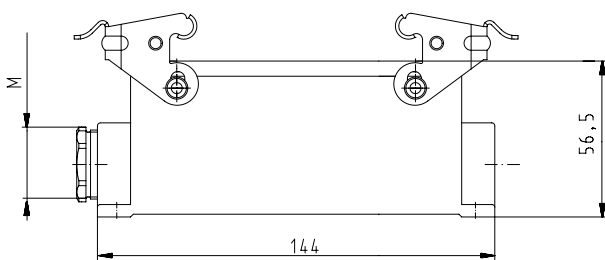
open



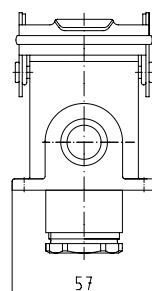
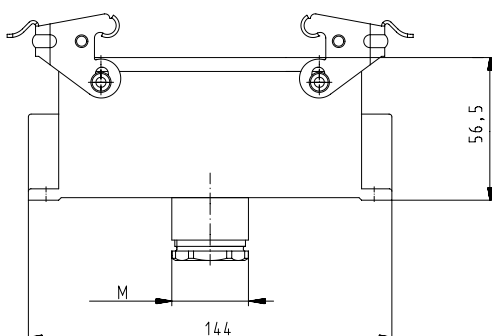
closed, 2 cable glands



closed, 1 cable gland



closed, 1 cable gland, bottom



Hoods, single locking lever, Size 48Ex

Hoods Size 48Ex



Lateral cable entry



Top cable entry



Description	Type	M	Part No.	P.U.
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	powder coated, 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 minimum 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  I M1 Ex ia I

BVS 03 **ATEX** 184 X

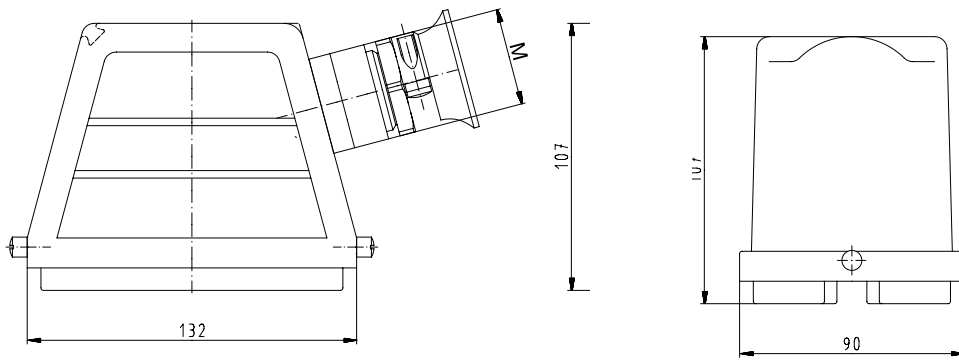
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 298 and 303.

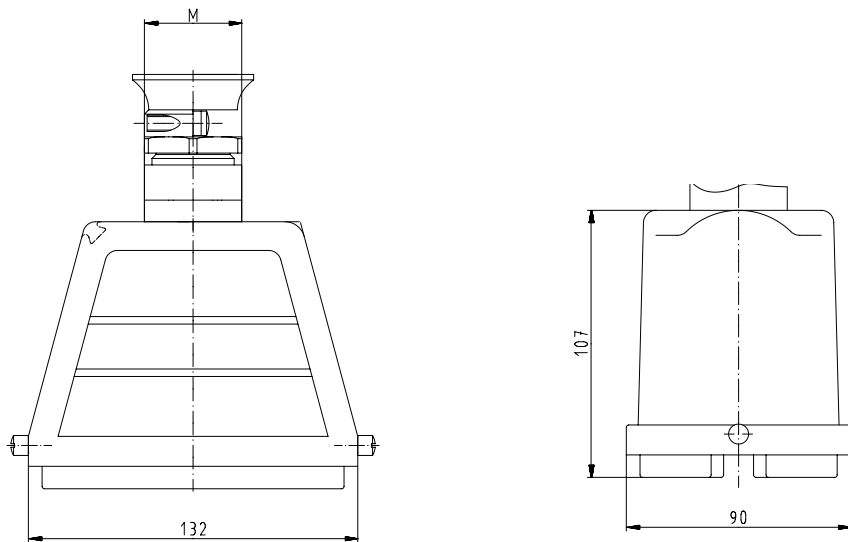
Dimensions

Hoods

Lateral cable entry



Top cable entry



Bases, single locking lever, Size 48Ex

Bases Size 48Ex



open
without cover
with cover



closed
without cover
with cover



Description	Type	M	Part No.	P.U.
Bases, size 48Ex				
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	powder coated, 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 minimum 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  I M1 Ex ia I

BVS 03 ATEX 184 X

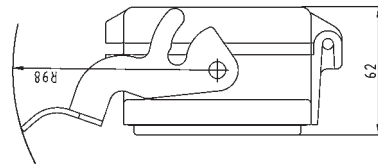
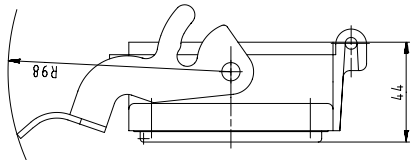
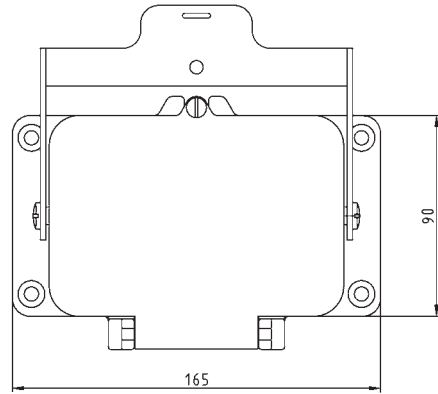
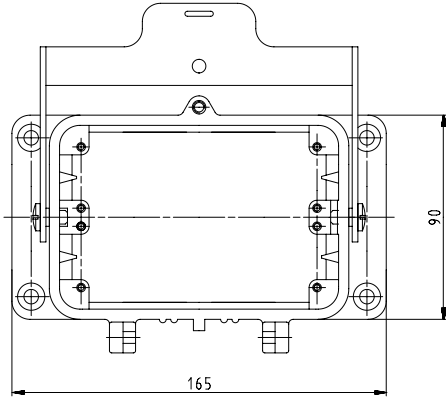
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 298 and 303.

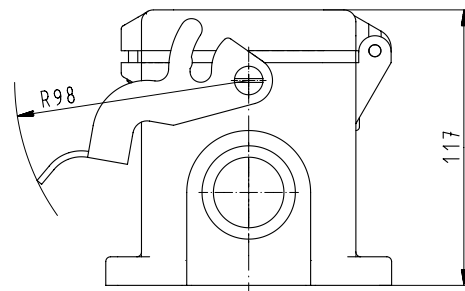
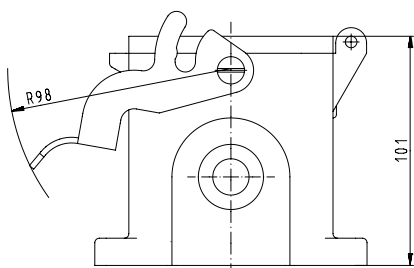
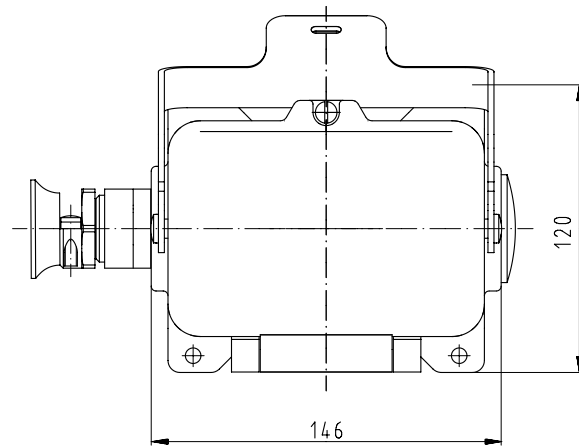
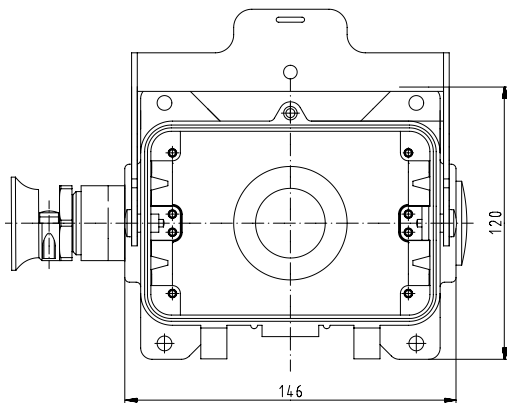
Dimensions

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**





With metric cable entry on the side



With metric cable entry on the top



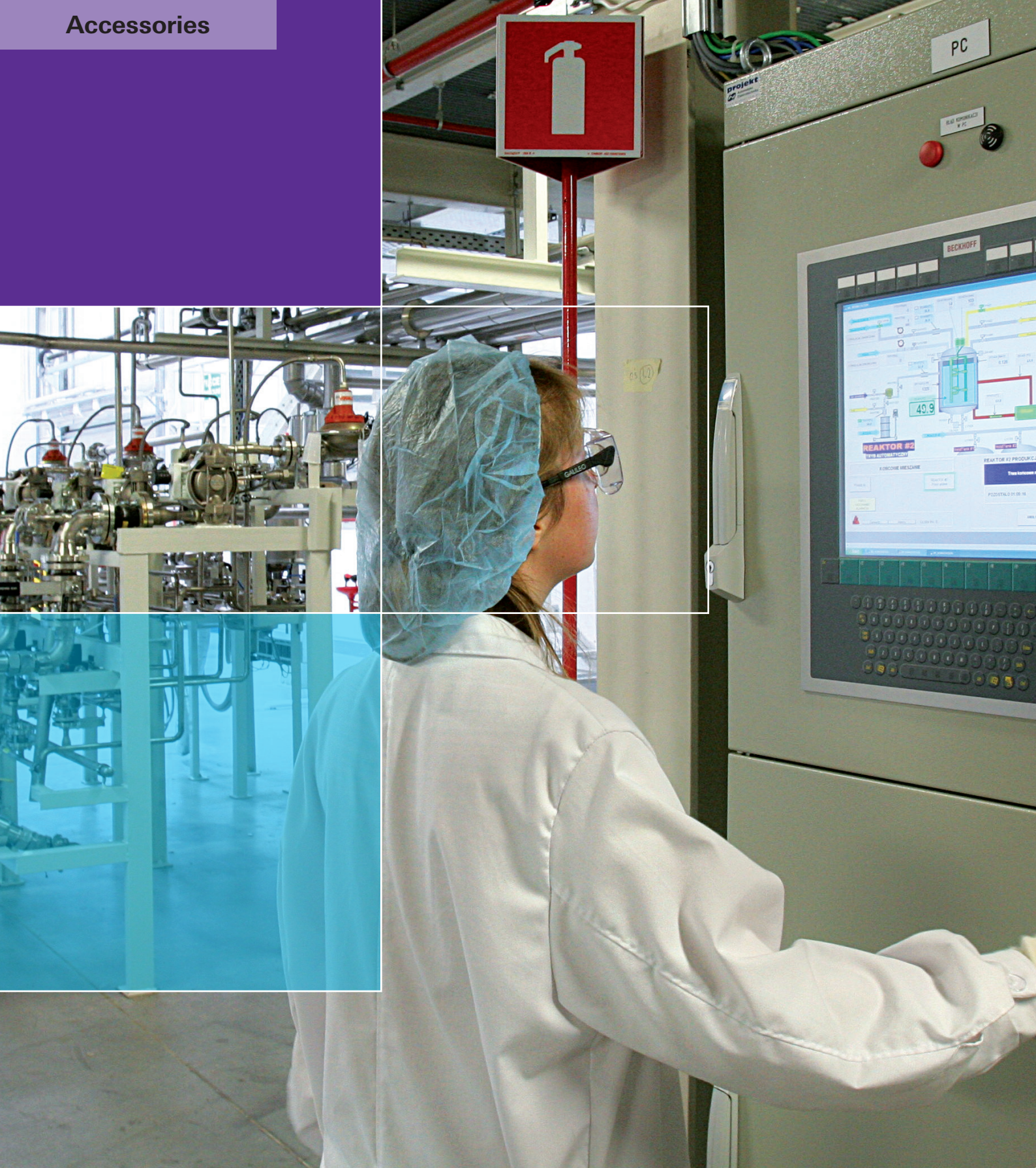
Open



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





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



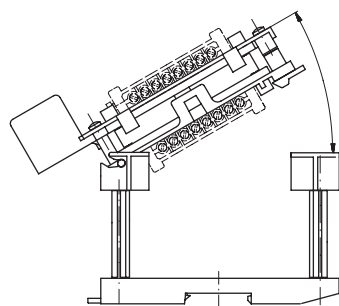
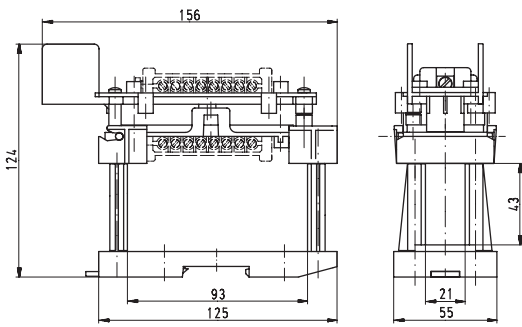
Description	Type	Part No.	P.U.
Mounting frame			
Size 6		Z5.574.0653.0	1
Size 10		Z5.574.1053.0	1
Size 16		Z5.574.1653.0	1
Size 24		Z5.574.2453.0	1
Size 2 x 6		Z5.574.1253.0	1
Technical data			
Installation	on TS 35x15 mounting rail		
Description	Type	Part No.	P.U.
Accessories			
Mounting frame with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



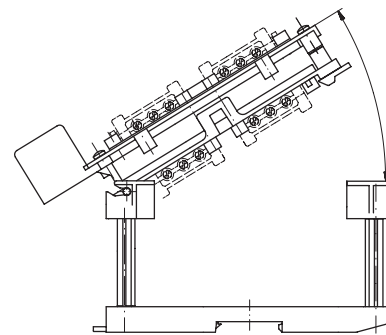
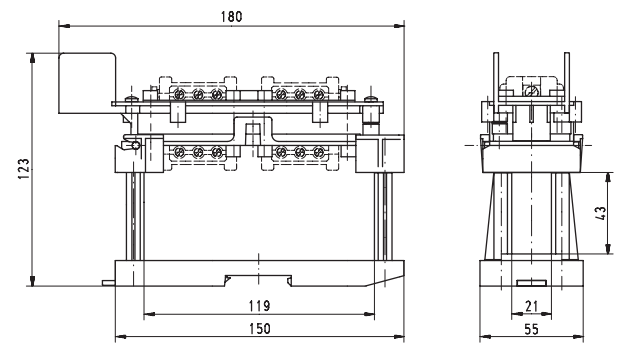
Dimensions

Mounting 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.



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. Mismatching of the different families' contact inserts is therefore impossible due to the design.

However, if several connectors of the same size and family are mounted directly adjacent to one another, mismatching may occur during start-up of the machine or system.

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.

In order to avoid mismatching 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 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:

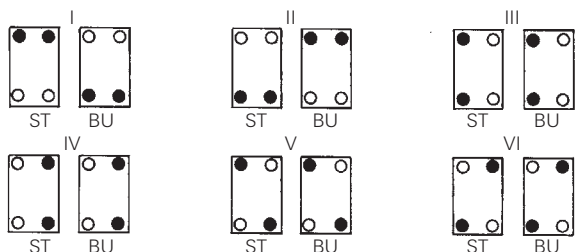
- Combination of screw, crimp, spring-type inserts and clamp adapters in connection with terminal block adapters (mountable from the back of the housing) with part numbers:
70.9XX.XXXX.X
72.9XX.XXXX.X
73.1XX.XXXX.X

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).

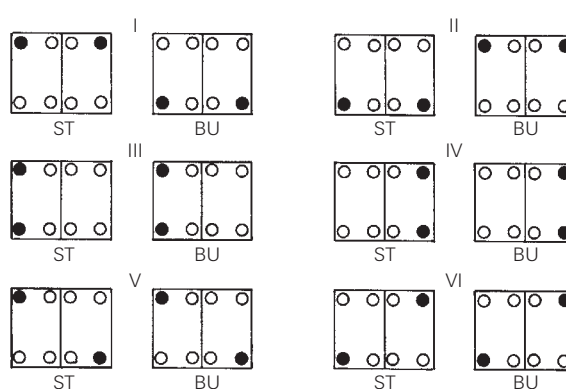
One contact insert



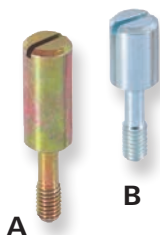
- Coding bolt
- Mounting screws

ST Male connector
BU Female connector

Two contact inserts



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



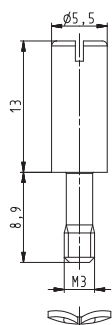
Description	Part No.	P.U.
Screwdriver bit for lock bolt, version A + B		
Yellow marking	06.502.5510.0	1

Technical data

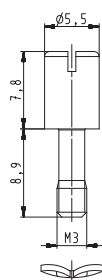
Material	Sleeve from 1.2210 115CrV3 (silver steel)
Sleeve	Hardened

Dimensions

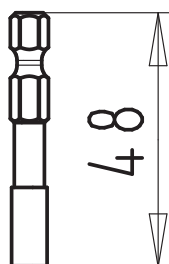
Version A



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

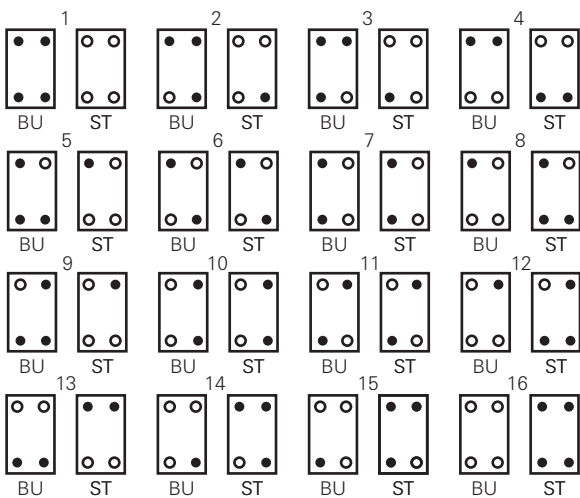
that are mounted to the housing at the **rear**.

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.

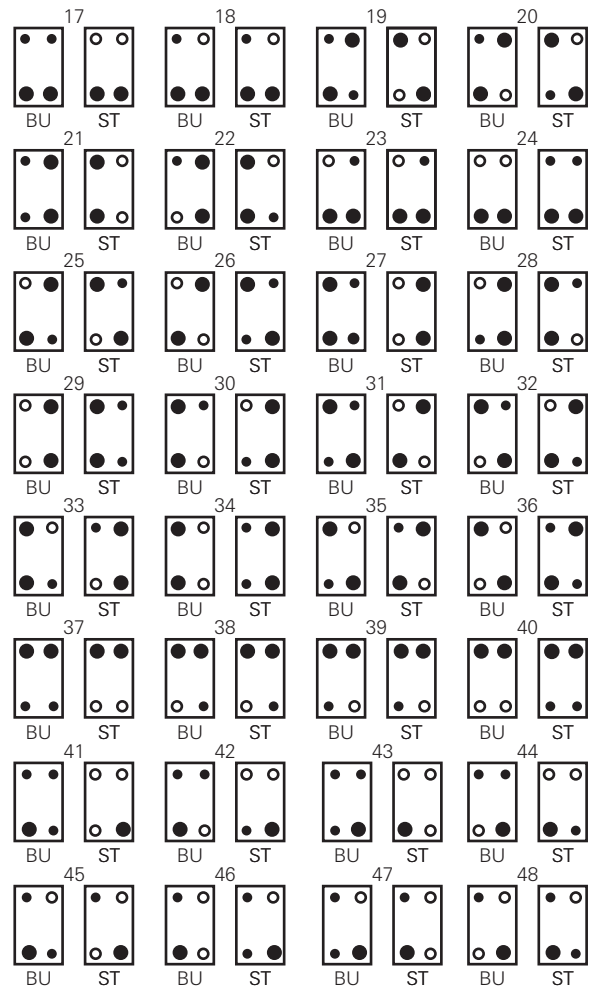
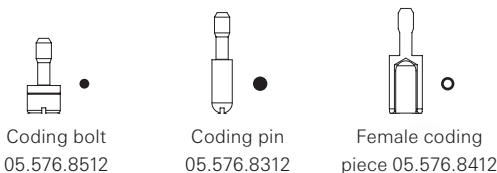
All mounting screws must be replaced by the coding components.

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

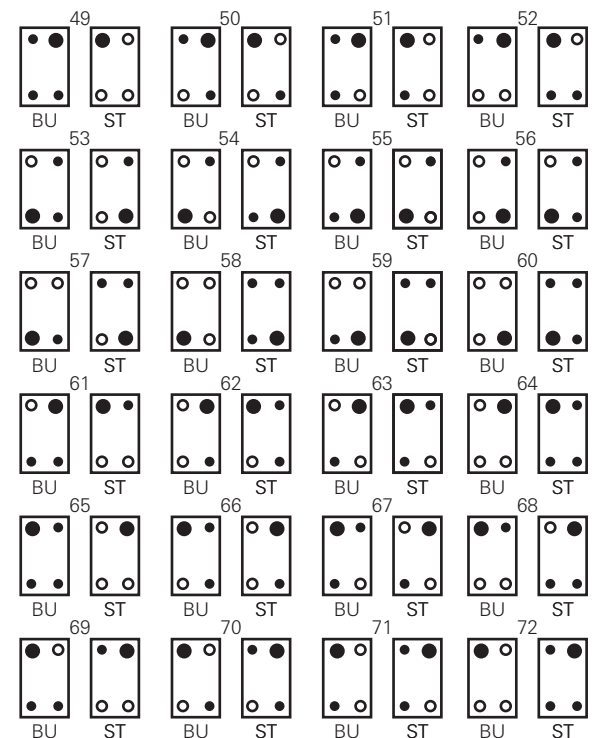


○ 64
● 64


○ 96
● 96
● 64

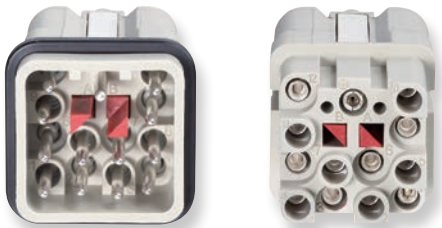
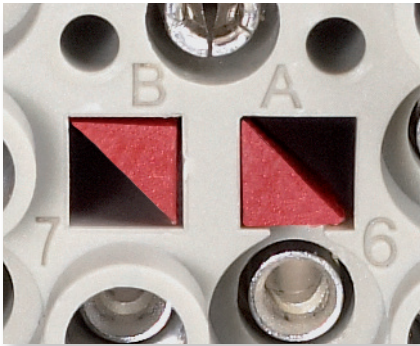


○ 48
● 48
● 96

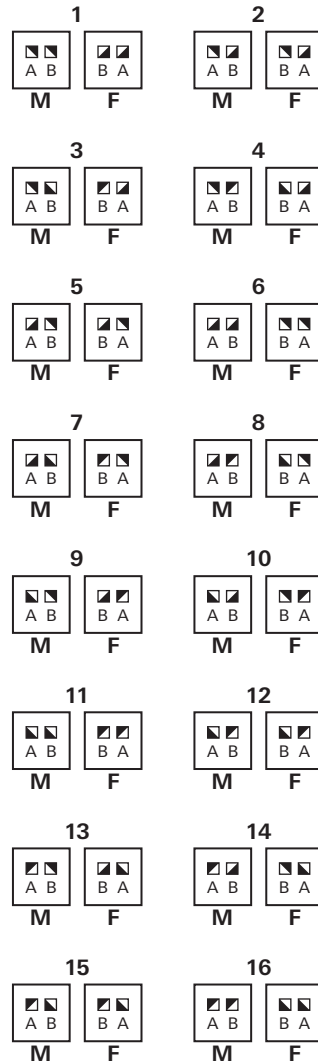


16 coding options for *revos* MINI 12-pole

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		
<p>If the MIN KOD coding piece is used, there are 16 coding options for the <i>revos</i> MINI 12-pole.</p>				

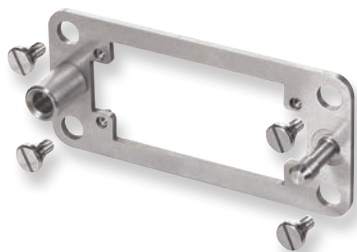


Coding schematic:



revos Docking frame

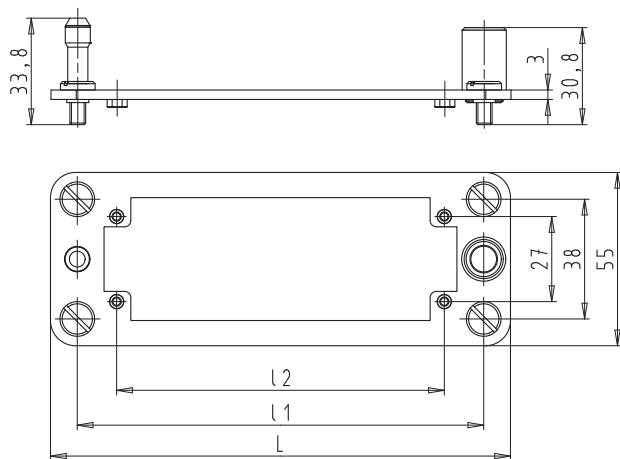
Docking frame



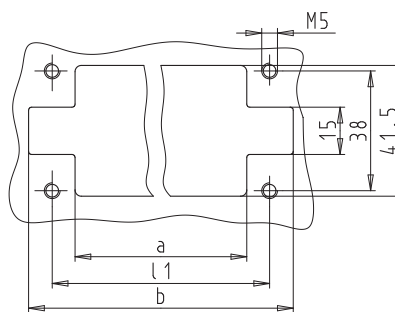
Description	Type	Part No.	P.U.
revos docking frame			
Size 6	ADR 6	Z5.560.1019.0	1
Size 10	ADR 10	Z5.560.1119.0	1
Size 16	ADR 16	Z5.560.1219.0	1
Size 24	ADR 24	Z5.560.1319.0	1
Technical data			
Material			
Docking frame	Stainless steel		
Fastening screws	Steel, galvanized		
Floating tolerance			
x-axis	±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



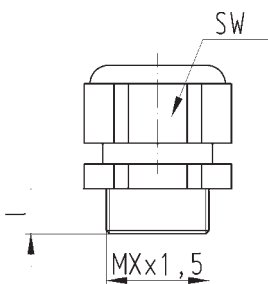
Metric cable glands

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



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	-				

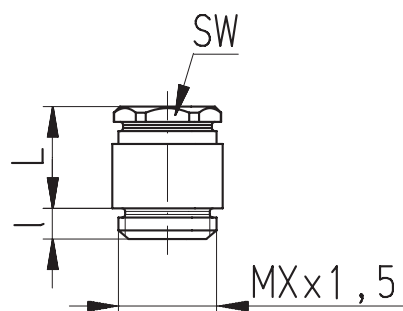
Strain relief, IP54



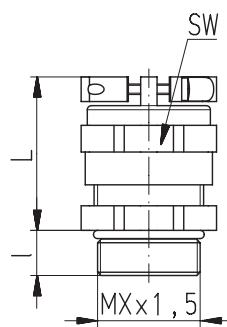
Description	Type			Part No.	P.U.
Cable glands metal					
	Cable Ø [mm]	SW [mm]	l [mm]		
M16x1.5	6 – 9	18	5	Z5.507.9521.0	10
M20x1.5	9 – 13.5	22	6	Z5.507.9621.0	10
M25x1.5	14 – 20	30	7	Z5.507.9721.0	10
M32x1.5	19 – 29	39	8	Z5.507.9821.0	10
Technical data					
Material	nickel-plated brass				
Color	-				
Degree of protection	IP54				
Flammability	-				

Dimensions

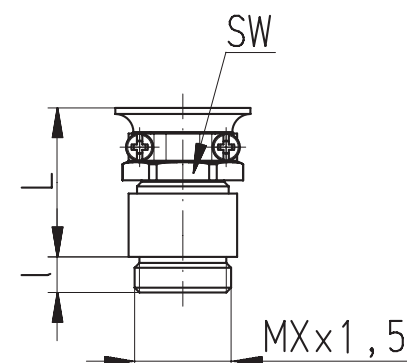
Cable glands, IP54, metal



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	-				

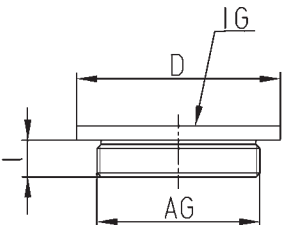
Adapter for metric-PG conversion



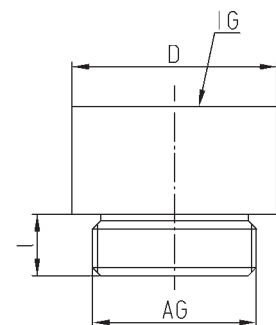
Description	Type	Part No.	P.U.		
Adapter metrisch					
External thread [AG]	Internal thread [IG]	D [mm]	l [mm]		
M20x1.5	PG 13.5	22	6	05.507.8121.0	1
M20x1.5	PG 16	24	6	05.507.8221.0	1
M25x1.5	PG 21	30	7	05.507.8321.0	1
M32x1.5	PG 29	39	8	05.507.8421.0	1
Technical data					
Material	nickel-plated brass				
Color	-				
Degree of protection	-				
Flammability	-				

Dimensions

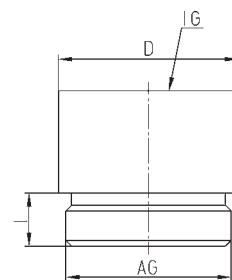
Reduction piece, nickel-plated brass



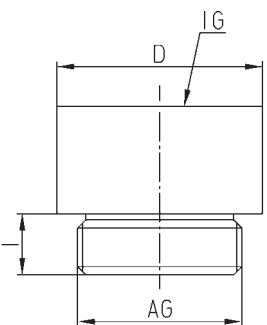
Expansion piece, nickel-plated brass



Adapter for PG-metric conversion



Adapter for metric-PG conversion



Cable glands, Accessories

Blind piece with gasket, brass



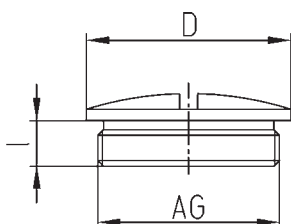
Description	Type		Part No.	P.U.
Blind piece brass				
Thread [AG]	D [mm]	l [mm]		
M20x1.5	22	6.5	05.507.4021.0	1
M25x1.5	28	7	05.507.4121.0	1
M32x1.5	35	8	05.507.4221.0	1
M40x1.5	44	8.5	on request	
Technical data				
Material	nickel-plated brass			
Color	Metalic			
Degree of protection	IP68			
Flammability	-			

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



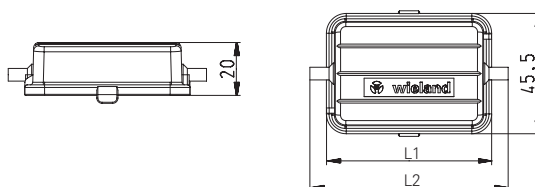
Description	Type	Part No.	P.U.
revos protective cover for single locking lever, without gasket			
Size 6	BAS AD DI 06	07.409.7056.0	10
Size 10	BAS AD DI 10	07.428.5553.0	10
Size 16	BAS AD DI 16	07.428.5653.0	10
Size 24	BAS AD DI 24	07.428.5753.0	10
with tether cord + loop			
Size 6	BAS AD DI 06 FSR	Z7.416.1556.0	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

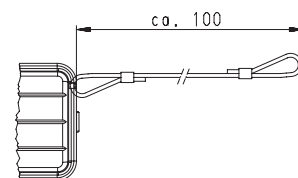
Dimensions

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

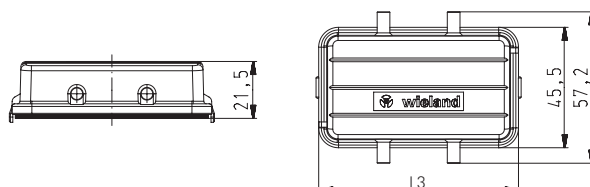


tether cord

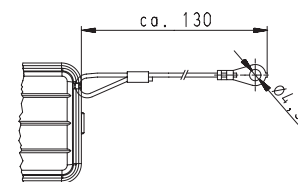


Double locking lever without clamp

Size	L3 [mm]
10	75.5
16	96
24	122.5



tether cord + loop



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

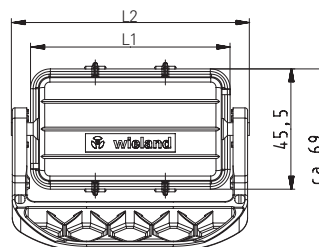
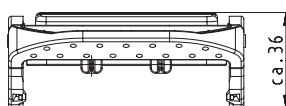


Description	Type	Part No.	P.U.
revos protective cover for single locking lever, with gasket			
plastic locking levers			
Size 6	BAS AD DH 06 PA	Z7.428.1153.0	10
Size 10	BAS AD DH 10 PA	Z7.428.5553.0	10
Size 16	BAS AD DH 16 PA	Z7.428.5653.0	10
Size 24	BAS AD DH 24 PA	Z7.428.5753.0	10
steel locking levers			
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

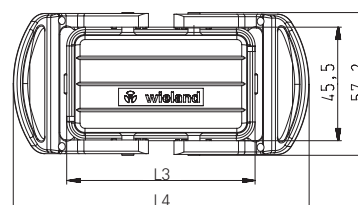
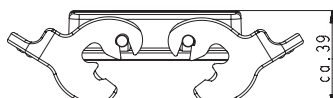
Single locking lever with clamp, plastic

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

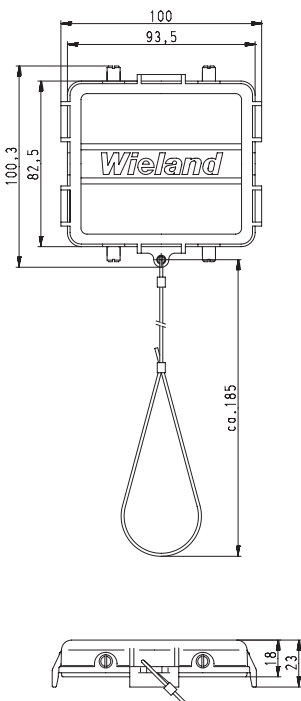


Description	Type	Part No.	P.U.
revos protective cover with tether cord + loop without locking levers, without gasket			
Size 32	BAS AD DA 32 FS ST	Z7.419.6228.0	10
with locking levers, with gasket			
Size 32	BAS AD DD 32 FS ST	Z7.419.6128.0	10

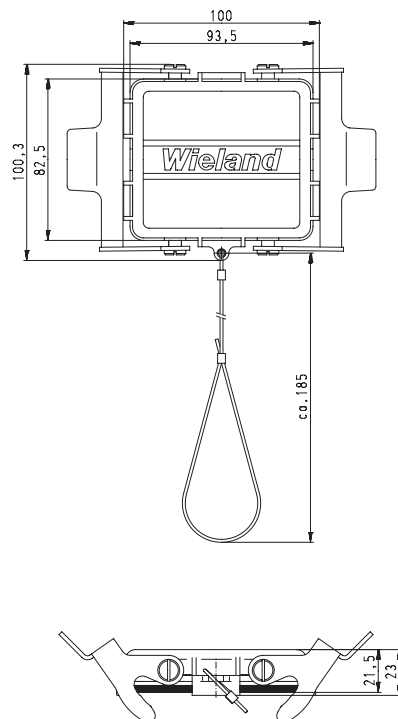
Technical data	
Material	Die cast aluminum
Surface	Silicon-free
Locking levers	Zinc-plated steel
Gasket	NBR
Degree of protection	IP65

Dimensions


Protective covers without locking levers



Protective cover with locking levers

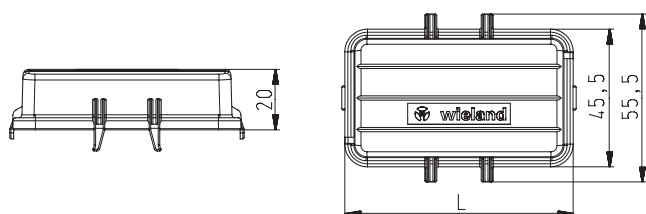


Protective cover for *revos* BASIC Housings Size 6–24


	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

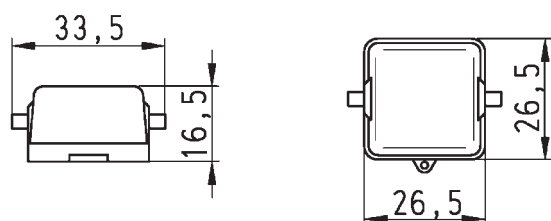
	Description	Type	Part No.	P.U.	
	Protective cover for <i>revos</i> MINI Housings without gasket for male insert				
	plastic	MIN AD DA 7 P	07.417.6753.0	10	
	Metal	MIN AD DA 7 Z	07.417.6729.0	10	
	with gasket for female insert				
plastic	MIN AD DB 7 P	07.417.6853.0	10		
Metal	MIN AD DB 7 Z	07.417.6829.0	10		
Technical data					
Material	Die cast zinc alloy/Polyamide				
Surface	Silicon-free				
Locking levers	-				
Gasket	NBR				
Degree of protection	IP65				

Protective cover with gasket (on the inside)




Dimensions


Protective cover




Tools and Accessoires


Crimping tool kit 	Description	Type	Part No.	P.U.	
	Crimping tool for <i>revos</i> contacts				
	Crimping tool without crimping die and positioner		95.101.0800.0	1	
	Accessoires for crimping tool see page 304.				


For assignment of contacts to crimping tool see page 305.

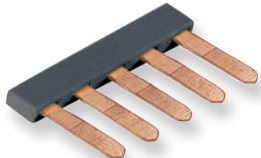
Stripping tool 	Description	Type	Part No.	P.U.
	Tool			
Stripping tool		0.08 – 10mm ² / 28 – 7 AWG	95.350.0100.0	1


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

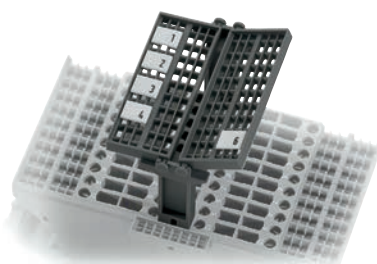
Extraction tool 	Description	Type	Part No.	P.U.	
	Tool				
	Extraction tool		HD	05.502.0000.0	1
	Extraction tool		500/690V-SER.	05.502.3500.0	1
Extraction tool			05.502.4400.0	1	

Jumper bar for <i>revos</i> BASIC multipole adapters 	Description	Type	Part No.	P.U.	
	Insulated jumper bar for <i>revos</i> 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 <i>revos</i> HD multipole adapters 	Description	Type	Part No.	P.U.	
	Insulated jumper bar for <i>revos</i> 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			

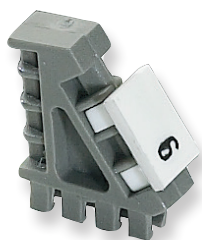
Marking tag carriers

Marking tag carriers for multipole adapters



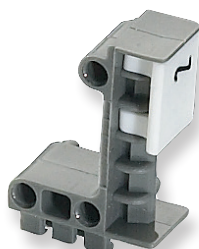
Description	Type	Part No.	P.U.
Marking tag carriers, complete			
40-pole		Z4.242.3753.0	10
64-pole		Z4.242.4053.0	10
Marking tags			
Single tag, max. 3-digits			
unmarked marking field 8.3x4.5 mm	9705 A	04.242.0850.0	500
marked marking field 8.3x4.5 mm	9705 A B	04.842.0850.0	500
Single tag, max. 8-digits			
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



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



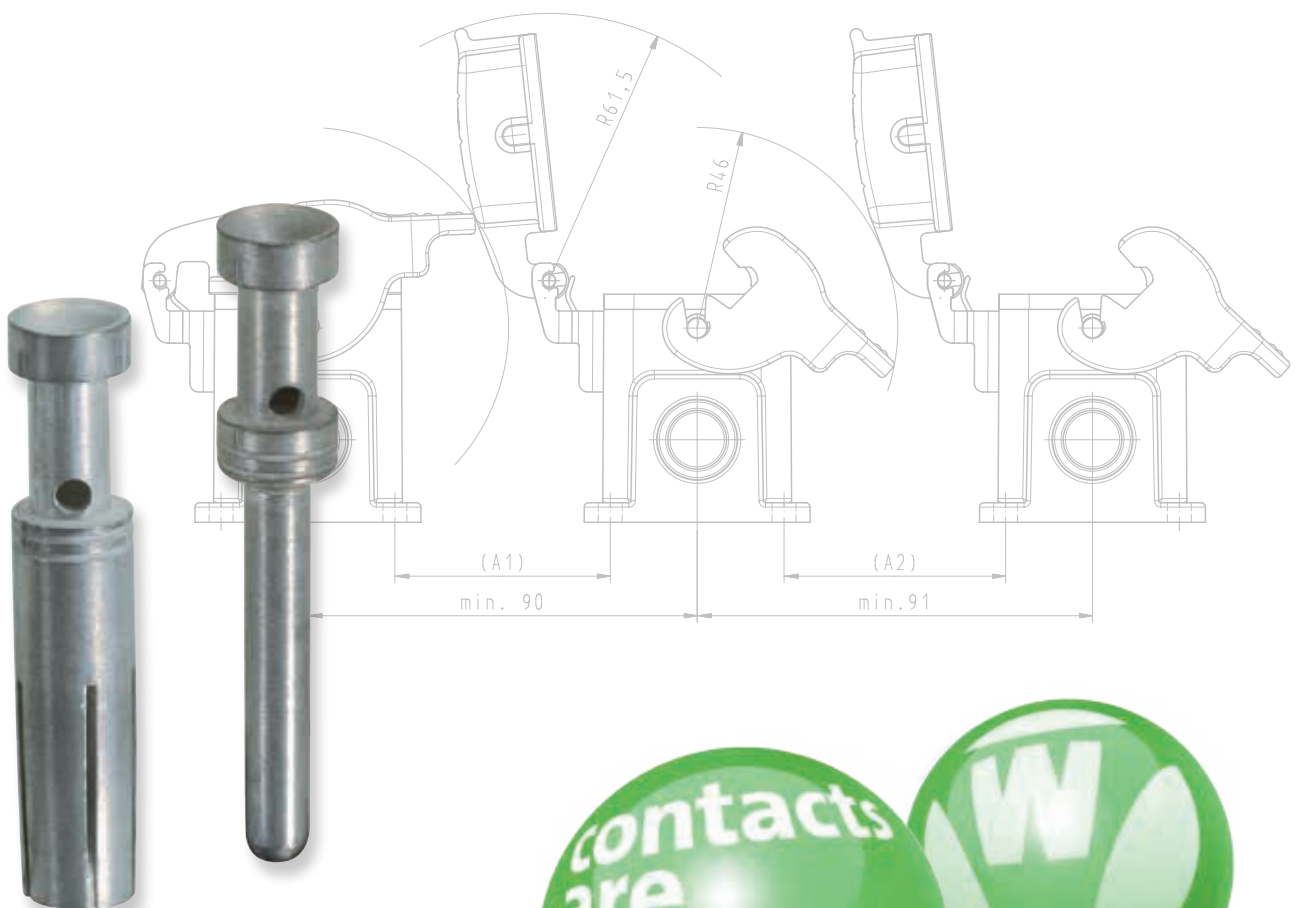


revos facts&DATA

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
	Solid	Multistrand	Flexible	Solid	Multistrand	Multistrand			
mm ²	mm	mm	mm	Conductor size	mm	mm	mm	Must be set in the relevant product standard	
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	-	-	-	-		
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
	Rigid	Flexible ^{a)}		
mm ²	Multistrand	mm	Must be set in the relevant product standard	
50		9.1		
70		11.0		
95		12.9		
-		-		
120		14.5		
150		16.2		
185		18.0		
-		-		
240		20.6		
300		23.1		

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.

Conductor connections

Standard cross sections of round copper conductors AWG/metric

Metric size ISO	Comparison between AWG/kcmil and metric sizes		
	AWG	kcmil	mm ²
mm ²			
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		
	AWG	kcmil	mm ²
mm ²			
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
mm ²		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

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.

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 = dust-proof + 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.

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	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.

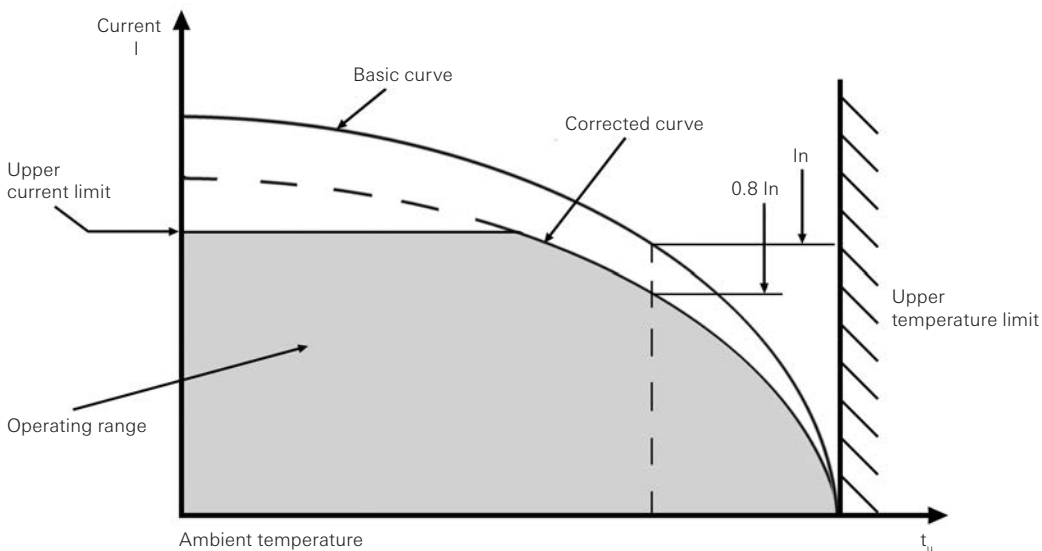
Derating behavior of *revos* industrial multipole connectors

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 60 512-5-2-2003.

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

Current load capacity

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.

The rated current is the maximum operating current. The temperature resistance of the used connection cable must be suitable for the intended purpose. (IEC 60 364-5-52 / DIN VDE 0298-4)

Remark on double PE connection:

The PE connection always has to be designed equally on both sides to ensure the consistency of the PE connection. A certified electrician must ensure PE consistency, if connectors with two electrically insulated PE connections are used.

The protection function must be ensured by suitable measures if used in plastic housings or during maintenance work on the connectors outside the metal housing.

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.

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!

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.

- **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 $I \leq 16$ A in and in a silver-plated version for $I > 16$ A.



Tin-plated



Silver-plated



Gold-plated



Wieland Hotline · Advice
We are there for you

Phone +49 951 9324 991

Fax +49 951 9326 991

AT.TS@wieland-electric.com

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

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 ($> 100\text{ }^\circ\text{C}$), 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.

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 $< 5\text{ mA}$ and voltages up to 5 V, tin-plated or gold-plated contacts

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.

as 24 V and lower ampere, or network voltage and corresponding current.

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.

are recommended.

But for extreme applications, only gold-plated contacts should be used.

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.

Explanations of applications in hazardous areas

revos -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 mm² 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:


 **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



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)

Fachstelle
für Sicherheit elektrischer
Betriebsmittel - BVS

Carl-Beyleing-Haus
Dinnendahlstraße 9
44809 Bochum



DAE-Reg.-Nr.:
ZLB-P-359-2/01

Gegenstand: Gerät Typ
Subject: Equipment type

Hergestellt und zur Prüfung vorgelegt
Manufactured and submitted for examination

Anschrift
Address

Prüfgrundlage
Basis for examination

Verwendete Normen
Standard basis

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

Kennzeichnung
Marking

Antragsnummer
Project number

Stockverbinderserie revos Typ


Wieland Electric GmbH

D - 96052 Bamberg

Anhang II der Richtlinie 94/
Annex II of Directive 94/9/EC

EN 50014:1997 +A1-A2 Allgemeine
EN 50020:1994 Eigenschaften


Entfällt
Not relevant


 IM2 EEx ia I

A 20030062

Seite 1 von 7 zum Prüfprotokoll - Page 1 of 7

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(bis 31.03.2007 Deutsche Montan Technologie G





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 an 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:

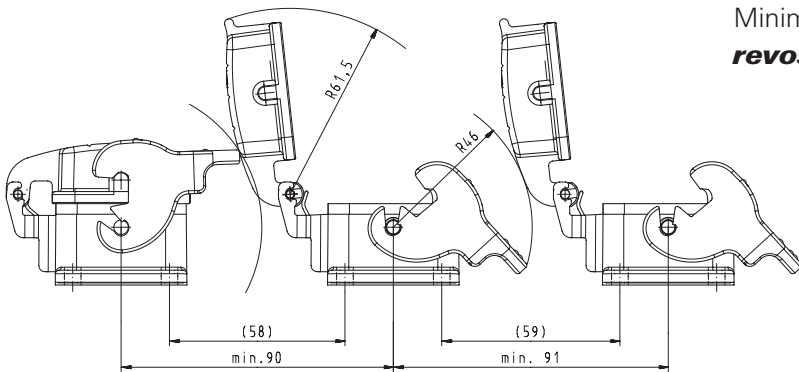
 IM1 Ex ia I

Page 1 of 3 to BVS 03 ATEX E 184 X / N2
This certificate may only be reproduced in its entirety and without change.
DEKRA EXAM GmbH Dinnendahlstraße 9 44809 Bochum Germany Phone +49 234 3096-105 Fax +49 234 3096-110 E-mail zr-exam@dekra.com
(until 31.03.2007 EXAM BBO Prüf- und Zertifizier GmbH)

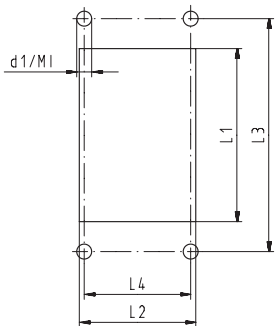
revos BASIC single locking lever

Installation spacing and mounting dimensions

Minimum installation spacing for **revos** BASIC open-bottom bases

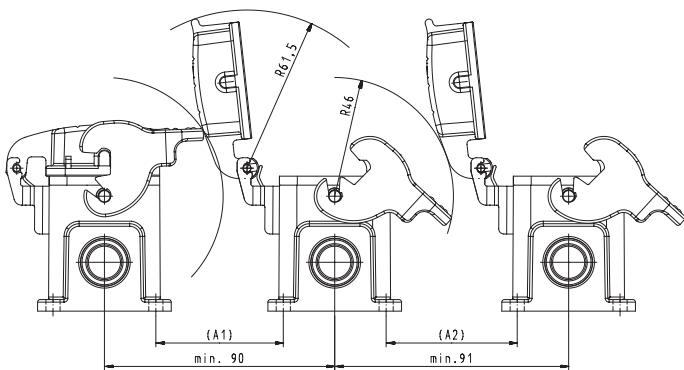


Mounting diagram for **revos** BASIC open-bottom bases of size 6 to 48



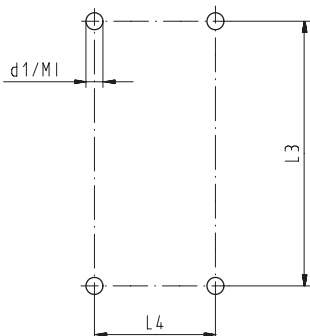
Size		6	10	16	24	48
Cut-out	L1	52	65	85.5	112	117
	L2	35	35	35	35	81
	L3	70	83	103	130	148
Installation spacing	L4	32	32	32	32	70
	d1	4.3	4.3	4.3	4.3	6.4
	M	M4	M4	M4	M4	M6

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

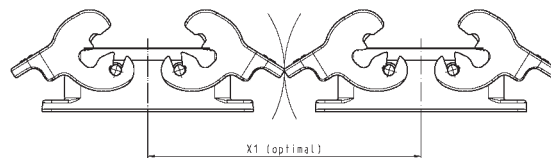
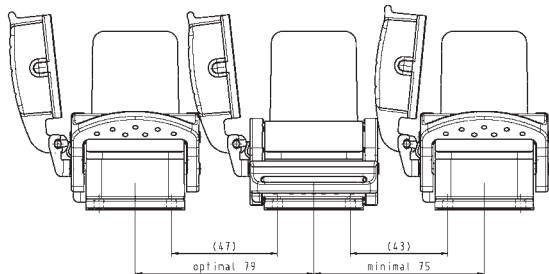


Size		6	6H	10	10H	16	24	48
Installation spacing	L3	70	70	82	82	105	132	111
	L4	40	45	40	45	45	45	106
	d1	5.3	5.5	5.3	5.5	5.3	5.3	6.5
	M	M5	M5	M5	M5	M5	M5	M6

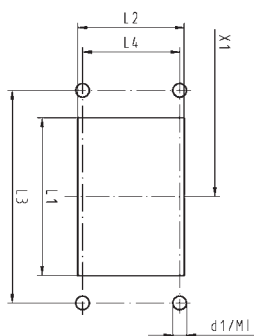
revos BASIC double locking lever

Installation spacing and mounting dimensions

Minimum installation spacing for **revos** BASIC open-bottom bases of size 10 to 24

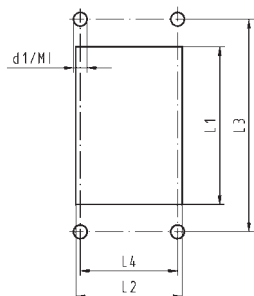


Mounting diagram for **revos** BASIC open-bottom bases of size 10 to 32



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

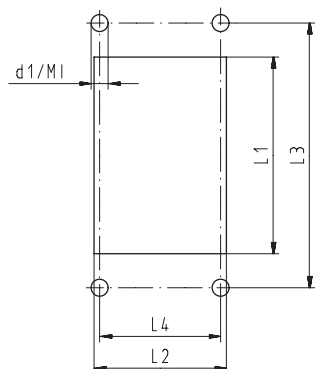
Mounting diagram for **revos** BASIC open-bottom bases of size 10 to 24



Size		10	10H	16	24
Installation spacing	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

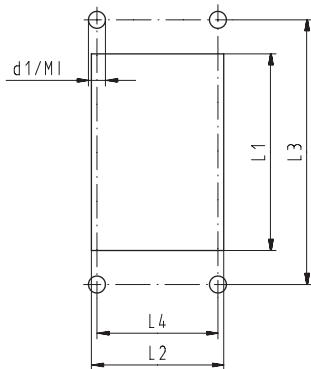
Mounting diagram for **revos** EMC open-bottom bases of size 6 to 24



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

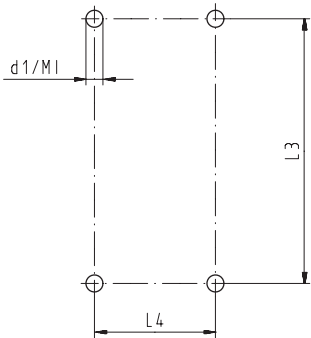
revos HD

Housing line, cut-outs and mounting dimensions



Mounting diagram for **revos** HD open-bottom bases of size 10/15, 16/25 and 32/50

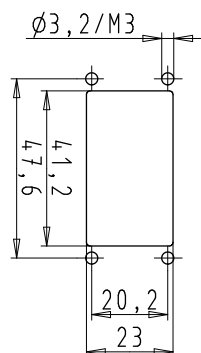
Size		10/15	16/25	32/50
Cut-out	L1	56	72	82
	L2	23	23	49
Installation spacing	L3	70	86	92
	L4	17.5	17.5	42
	d1	3.3	3.3	4.3
	M1	M3	M3	M4



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

revos FLEX COMPACT 1M
Cut-out dimensions



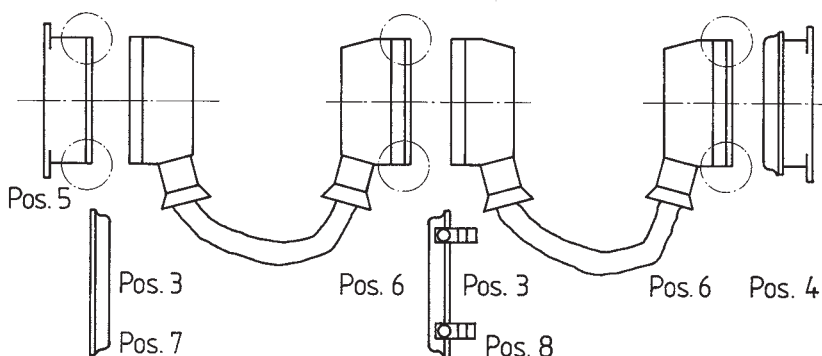
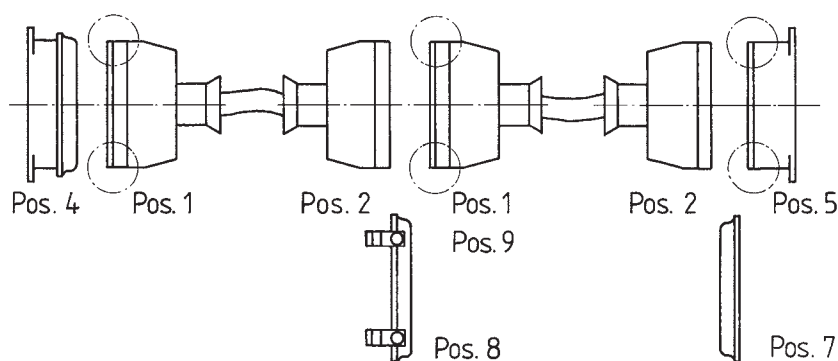
Cut-out for **revos** FLEX COMPACT 1M

Installation example for *revos*

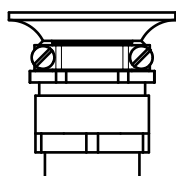
Multipole hoods for cable-to-cable couplings

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	70.354.2436.4 *	70.353.2436.4 *	–	–	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	70.353.4828.4	–	–	–

Handling instructions for the connectors are available in section on page 298.



. 3



* These hoods are also available in the version 70.3xx.xxxx.3 with a trumpet gland

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

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		mm ²	AWG					revos BASIC	revos MOT	revos MINI (5-pole)	revos MINI (7+8-pole)	revos MINI (12-pole)	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
02.123.7001.0	05.543.7001.0	2.5	0.5	20	Au0,8	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
02.123.7102.0	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
02.123.7202.0	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
02.123.7302.0	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
02.123.7402.0	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

Detailed table of contents

			Page	
Introduction			6–25	
revos Contact inserts see from page 26	revos MINI		3 to 12-pole, 50–400 V, 10 A	
	revos BASIC	500 V 16 A	6 to 48-pole, 500 V, 16 A, screw connection	
			6 to 48-pole, 500 V, 16 A, spring clamp connection	
			6 to 24-pole, 500 V, 16 A, double spring clamp connection	
			6 to 24-pole, 500 V, 16 A, push-in connection	
			6 to 48-pole, 500 V, 16 A, crimp connection	
revos BASIC EE		10 to 46-pole, 500 V, 16 A, crimp connection		
Multipole adapters	revos BASIC		6 to 24-pole, 500 V, 16 A, multipole adapters, screw connection	
			6 to 24-pole, 500 V, 16 A, set of 2 components, single locking lever	
			10 to 24-pole, 500 V, 16 A, set of 2 components, double locking lever	
			6 to 24-pole, 500 V, 16 A, multipole adapters, spring clamp connection	
Contact inserts	revos BASIC	400/690 V 16 A	3 to 16-pole, 400/690 V, 16 A, screw connection	
		690 V 16 A	6 to 48-pole, 690 V, 16 A, screw connection	
		830 V 16 A	6 to 24-pole, 690 V, 16 A, crimp connection	
	revos DD	250 V 10 A	24 to 108-pole, 250 V, 10 A, crimp connection	
	revos HD	250 V 10 A	10 to 32-pole, 250 V, 10 A, screw connection	
			15 to 80-pole, 250 V, 10 A, crimp connection	
			40 and 64-pole, 250 V multipole adapters, screw connection	
	revos POWER	400 V – 690 V 35 A	400/690 V 82 A	6-pole + ground, 400–690 V, 35 A, screw connection
			4-pole + ground, 400/690 V, 82 A, screw connection	
		690 V 4x35 A, 6x16 A	4/6-pole + ground, 690 V, screw connection	
		400/690 V 40 A + 230/400 V 16 A	6-/6-pole + ground, screw connection	
		400/690 V 100 A + 400/690 V 40 A + 230/400 V 16 A	3-/3-/6-pole + ground, screw connection	
		690 V 82 A + 400 V 16A	4-/2-pole + ground, 690/400 V, screw connection	
		400 V 80 A + 400 V 16 A	4-/8-pole + ground, screw connection	
		400/690V 40A + 230/400V 10A	6-/12-pole + ground, axial / screw connection	
		690 V 40 A + 250 V 10 A	12-/2-pole + ground, crimp connection	
		690 V 40 A + 160 V 10 A	6-/36-pole + ground, crimp connection	
	230/400 V 16 A + 160 V 10 A	8-/24-pole + ground, crimp connection		
	Multipole adapters		400 V and 690 V 35A	6-pole + ground, 400 V/6-pole + ground, 690 V, screw connection
			500 V	4-/6-pole + ground, 500 V, screw connection
Connector and Multipole adapter with trigger action frame	revos BASIC	500 V	6 to 24-pole, 500V, 16A, trigger action frame, screw connection	
		690 V	6 to 24-pole, 500V, 10A, trigger action frame, crimp connection	
	revos HD	250 V 10 A	6 to 24-pole, 690V, 16A, trigger action frame, screw connection	
			6 to 24-pole, 690V, 16A, trigger action frame, multipole adapters, screw connection	
	revos IT		40- and 64-pole, 250V, 10A, trigger action frame, crimp connection	
			40- and 64-pole, 250V, 10A, trigger action frame, multipole adapters, screw connection	
			Data cable feed-through	
Contact inserts	revos 	90 V 16 A	9 to 2x50-pole D-Sub connectors	
Modular pluggable connector system	revos FLEX	100 V to 5,5 kV	6 to 48-pole, 3–16 A, screw connection	
			3 to 20-pole modular inserts, 250V to 1000V, crimp connection/modular blind piece	
			Pneumatic-, high-voltage-module	
			High-current module	
Connector	revos FLEX COMPACT	Size 1M	Spring clamp-, USB-, Profibus-, RJ45 module, module frame, accessories	
Connector	revos MOT	690 V 16 A	Module width 1, module carrier and upper shell, metall	
Connector	revos E-2000		10-pole, 690 V, 16 A plastic connector with contact inserts	
revos housings see from page 130	revos MINI		LWL components	
	revos BASIC	Size 6/6H	Hoods and Bases, metal and plastic	
			Hoods, single locking lever, 6	
			Hoods, single locking lever, 6H	
			Bases, single locking lever, 6	
			Bases, single locking lever, 6H	
			Bases, single locking lever, 10, 10H	
Size 10/10H		Hoods, single locking lever 10, 10H		
		Bases, single locking lever 10, 10H		
		Hood, double locking lever 10, 10H		
		Bases, double locking lever 10, 10H		

				Page	
	revos BASIC	Size 16/16H	Hoods, single locking lever 16, 16 H	160–163	
			Bases, single locking lever 16, 16 H	164–167	
			Hoods, double locking lever 16, 16 H	168–174	
			Hoods, double locking lever, 16XL	175	
			Bases, double locking lever 16, 16 H	176–179	
		Size 24/24H	Hoods, single locking lever	180–183	
			Bases, single locking lever	184–187	
			Hoods, double locking lever	188–194	
			Hoods, double locking lever, 24XL	195	
			Bases, double locking lever	196–199	
	Size 32	Hoods/Bases, double locking lever	200–201		
	Size 48	Hoods/Bases, single locking lever	202–205		
	Size 6 to 24	EMC hoods/bases, double locking lever	206–207		
	Size 10	Motor connector housing, single locking lever	208		
	revos BASIC M	Size 6	Hoods/Bases, single locking lever	210–213	
		Size 10	Hoods/Bases, single locking lever	214–217	
		Size 16	Hoods/Bases, single locking lever	218–221	
		Size 24	Hoods/Bases, single locking lever	222–225	
	revos HD	Size 10/15	Hoods, Size 10/15, single locking lever	226–227	
			Bases, Size 10/15, single locking lever	228–229	
		Size 16/25	Hoods, Size 16/25, single locking lever	230–231	
			Bases, Size 16/25, single locking lever	232–233	
		Size 32/50	Hoods, Size 32/50, double locking lever	234–237	
			Bases, Size 32/50, double locking lever	238–239	
	revos 	Size 6Ex	Hoods, single locking lever	240–241	
			Bases, single locking lever	242–243	
		Size 10Ex	Hoods, double locking lever	244–245	
			Bases, double locking lever	246–247	
		Size 16Ex	Hoods, double locking lever	248–249	
			Bases, double locking lever	250–251	
		Size 24Ex	Hoods, double locking lever	252–253	
			Bases, double locking lever	254–255	
Size 48Ex		Hoods, single locking lever	256–257		
		Bases, single locking lever	258–259		
sets /4 components	revos BASIC	Size 6 to 24 / 500 V	Complete multipole connector sets (housing + contact inserts)	260–261	
revos Accessoires see from page 262	revos	mounting frame	Mounting frame size 6 to 24 for DIN rail mount	264–265	
		cover and reducer plates	Cover and reducer plates for control cabinet installation	266–267	
		coding accessories	Coding bolts, coding pins and female coding pieces	268–272	
		Docking frame	Docking frame, size 6 to 24	273	
		cable glands	Metal and plastic glands IP68	274	
			Metal glands IP54	275	
	Reduction pieces, expansion pieces and PG/metric adapter		276		
	Blind piece		277		
	revos BASIC	protective cover	Size 6 to 32 Protective cover with or without locking levers, IP65	278–280	
			Size 6 to 24, protective cover, latchable	281	
	revos MINI	protective cover	Protective cover with and without gasket, IP65	281	
	revos	tools	Crimping tool, insulation stripping tool, Screwdriver and Jumper bar	282	
revos	marking accessories	Marking accessories and marking tag carriers	283–285		
facts&DATA see from page 286			Conductor connections	288–289	
			Tightening torque	290	
			Definition of the IP degrees of protection	291–293	
			Current load capacity - Derating behavior	294–295	
			Information on how to change over from PG to metric threads	295	
			Selection criteria for the contact surfaces tin, silver and gold	296–297	
			Explanations of applications in hazardous areas	298–299	
			Installation spacing and mounting dimensions	300–302	
			revos 	Installation example	303
			Crimping tool, Assignment of contacts to appropriate crimping tool	304–305	

Part number | page

02.123.70xx.0	30	02.125.3229.8	106	02.126.5800.8	80	04.841.3550.0	284
02.123.70xx.0	40	02.125.3329.8	106	02.126.5800.8	82	04.841.3650.0	284
02.123.70xx.0	42	02.125.3429.8	107	02.126.6100.8	84	04.841.3750.0	284
02.123.70xx.0	56	02.125.3529.8	107	02.126.6200.8	84	04.841.3850.0	284
02.123.70xx.0	93	02.125.3629.8	108	02.126.6300.8	84	04.841.3950.0	284
02.123.70xx.0	127	02.125.3629.8	113	02.126.6400.8	84	04.841.4050.0	284
02.123.71xx.0	30	02.125.3729.8	108	02.126.6500.8	84	04.841.4150.0	284
02.123.71xx.0	40	02.125.3729.8	113	02.126.6600.8	84	04.841.4250.0	284
02.123.71xx.0	42	02.125.3829.8	108	02.126.6700.8	80	04.841.4350.0	284
02.123.71xx.0	56	02.125.3829.8	113	02.126.6700.8	82	04.841.4450.0	284
02.123.71xx.0	93	02.125.3929.8	108	02.126.6800.8	80	04.841.4550.0	284
02.123.71xx.0	127	02.125.3929.8	113	02.126.6800.8	82	04.841.4650.0	284
02.123.72xx.0	30	02.125.4029.8	108	02.126.6900.8	80	04.841.4750.0	284
02.123.72xx.0	40	02.125.4029.8	113	02.126.6900.8	82	04.841.4850.0	285
02.123.72xx.0	42	02.125.4129.7	120	02.126.7000.8	80	04.841.4950.0	285
02.123.72xx.0	56	02.125.4129.8	109	02.126.7000.8	82	04.841.5050.0	285
02.123.72xx.0	93	02.125.4129.8	119	02.126.7421.8	116	04.841.5150.0	285
02.123.72xx.0	127	02.125.4129.8	120	02.126.7521.8	116	04.841.5250.0	285
02.123.73xx.0	30	02.125.4129.x	31	02.126.7621.8	116	04.841.5350.0	285
02.123.73xx.0	40	02.125.4129.x	60	02.126.9721.8	115	04.841.5450.0	285
02.123.73xx.0	42	02.125.4229.7	120	04.241.1150.0	284	04.841.5550.0	285
02.123.73xx.0	56	02.125.4229.8	109	04.242.0850.0	283	04.841.5650.0	285
02.123.73xx.0	93	02.125.4229.8	119	04.242.0850.0	283	04.841.5750.0	285
02.123.73xx.0	127	02.125.4229.8	120	04.242.0850.0	283	04.841.5850.0	285
02.123.74xx.0	30	02.125.4229.x	31	04.242.1553.0	283	04.841.5950.0	285
02.123.74xx.0	40	02.125.4229.x	60	04.242.1553.0	283	04.841.6050.0	285
02.123.74xx.0	42	02.125.4329.7	120	04.242.1553.0	283	04.841.6150.0	285
02.123.74xx.0	56	02.125.4329.8	109	04.242.2853.0	283	04.841.6250.0	285
02.123.74xx.0	93	02.125.4329.8	119	04.242.3053.0	283	04.841.6350.0	285
02.123.74xx.0	127	02.125.4329.8	120	04.242.3353.0	283	04.841.6450.0	285
02.124.0900.0	29	02.125.4329.x	31	04.242.3453.0	283	04.841.6550.0	285
02.124.0900.0	64	02.125.4329.x	60	04.242.3553.0	283	04.841.6650.0	285
02.124.0900.0	66	02.125.4429.7	120	04.242.3653.0	283	04.841.6750.0	285
02.124.0900.0	98	02.125.4429.8	109	04.242.6753.0	283	04.841.6850.0	285
02.124.0929.0	29	02.125.4429.8	119	04.242.6753.0	283	04.841.6950.0	285
02.124.0929.0	64	02.125.4429.8	120	04.242.6753.0	283	04.841.7050.0	285
02.124.0929.0	66	02.125.4429.x	31	04.841.1150.0	284	04.841.7150.0	285
02.124.0929.0	98	02.125.4429.x	60	04.841.1250.0	284	04.841.7250.0	285
02.124.1000.0	29	02.125.4529.7	120	04.841.1350.0	284	04.841.7350.0	285
02.124.1000.0	64	02.125.4529.8	109	04.841.1450.0	284	04.841.7450.0	285
02.124.1000.0	66	02.125.4529.8	119	04.841.1550.0	284	04.841.7550.0	285
02.124.1000.0	98	02.125.4529.8	120	04.841.1650.0	284	04.841.7650.0	285
02.124.1029.0	29	02.125.4529.x	31	04.841.1750.0	284	04.841.7750.0	285
02.124.1029.0	64	02.125.4529.x	60	04.841.1850.0	284	04.841.9050.0	285
02.124.1029.0	66	02.125.4629.7	110	04.841.1950.0	284	04.841.9150.0	285
02.124.1029.0	98	02.125.4729.7	110	04.841.2050.0	284	04.841.9250.0	285
02.124.1400.0	29	02.126.5400.8	80	04.841.2150.0	284	04.842.0850.0	283
02.124.1400.0	64	02.126.5400.8	82	04.841.2250.0	284	04.842.0850.0	283
02.124.1400.0	66	02.126.5400.8	84	04.841.2350.0	284	04.842.0850.0	283
02.124.1400.0	98	02.126.5400.8	84	04.841.2450.0	284	04.842.1553.0	283
02.124.1429.0	29	02.126.5400.8	84	04.841.2550.0	284	04.842.1553.0	283
02.124.1429.0	64	02.126.5500.8	80	04.841.2650.0	284	04.842.1553.0	283
02.124.1429.0	66	02.126.5500.8	82	04.841.2750.0	284	04.842.6753.0	283
02.124.1429.0	98	02.126.5500.8	84	04.841.2850.0	284	04.842.6753.0	283
02.125.2421.0	31	02.126.5600.8	80	04.841.2950.0	284	04.842.6753.0	283
02.125.2421.0	109	02.126.5600.8	82	04.841.3050.0	284	05.502.0000.0	29
02.125.2421.0	119	02.126.5600.8	84	04.841.3150.0	284	05.502.0000.0	64
02.125.2929.8	106	02.126.5700.8	80	04.841.3250.0	284	05.502.0000.0	66
02.125.3029.8	106	02.126.5700.8	82	04.841.3350.0	284	05.502.0000.0	98
02.125.3129.8	106	02.126.5700.8	84	04.841.3450.0	284	05.502.0000.0	282

05.502.0410.0	110	05.502.3100.0	31	05.507.4221.0	277	05.544.0929.0	98
05.502.0410.0	123	05.502.3100.0	60	05.507.4253.0	277	05.544.1000.0	29
05.502.0610.0	107	05.502.3100.0	106	05.507.4353.0	277	05.544.1000.0	64
05.502.0610.0	123	05.502.3100.0	108	05.507.7621.0	276	05.544.1000.0	66
05.502.0710.0	31	05.502.3100.0	109	05.507.7721.0	276	05.544.1000.0	98
05.502.0710.0	60	05.502.3100.0	113	05.507.7821.0	276	05.544.1029.0	29
05.502.0710.0	80	05.502.3100.0	119	05.507.8121.0	276	05.544.1029.0	64
05.502.0710.0	82	05.502.3100.0	120	05.507.8221.0	276	05.544.1029.0	66
05.502.0710.0	84	05.502.3100.0	304	05.507.8321.0	276	05.544.1029.0	98
05.502.0710.0	109	05.502.3200.0	29	05.507.8421.0	276	05.544.1400.0	29
05.502.0710.0	119	05.502.3200.0	64	05.507.8621.0	276	05.544.1400.0	64
05.502.0710.0	120	05.502.3200.0	66	05.507.8721.0	276	05.544.1400.0	66
05.502.0710.0	123	05.502.3200.0	98	05.507.8821.0	276	05.544.1400.0	98
05.502.0810.0	108	05.502.3200.0	107	05.507.8921.0	276	05.544.1429.0	29
05.502.0810.0	113	05.502.3200.0	304	05.507.9021.0	276	05.544.1429.0	64
05.502.0810.0	123	05.502.3300.0	30	05.507.9121.0	276	05.544.1429.0	66
05.502.0910.0	106	05.502.3300.0	40	05.507.9221.0	276	05.544.1429.0	98
05.502.0910.0	115	05.502.3300.0	42	05.513.4212.0	269	05.544.1829.8	106
05.502.0910.0	123	05.502.3300.0	56	05.543.70xx.0	30	05.544.1929.8	106
05.502.1010.0	106	05.502.3300.0	93	05.543.70xx.0	40	05.544.3129.8	106
05.502.1010.0	107	05.502.3300.0	127	05.543.70xx.0	42	05.544.3229.8	106
05.502.1010.0	108	05.502.3300.0	304	05.543.70xx.0	56	05.544.3329.8	106
05.502.1010.0	109	05.502.3500.0	30	05.543.70xx.0	93	05.544.3429.8	107
05.502.1010.0	110	05.502.3500.0	40	05.543.70xx.0	127	05.544.3529.8	107
05.502.1010.0	113	05.502.3500.0	42	05.543.71xx.0	30	05.544.3629.8	108
05.502.1010.0	119	05.502.3500.0	56	05.543.71xx.0	40	05.544.3629.8	113
05.502.1010.0	123	05.502.3500.0	93	05.543.71xx.0	42	05.544.3729.8	108
05.502.2000.0	110	05.502.3500.0	127	05.543.71xx.0	56	05.544.3729.8	113
05.502.2000.0	304	05.502.3500.0	282	05.543.71xx.0	93	05.544.3829.8	108
05.502.2100.0	30	05.502.3800.0	110	05.543.71xx.0	127	05.544.3829.8	113
05.502.2100.0	31	05.502.3800.0	304	05.543.72xx.0	30	05.544.3929.8	108
05.502.2100.0	40	05.502.4400.0	80	05.543.72xx.0	40	05.544.3929.8	113
05.502.2100.0	42	05.502.4400.0	82	05.543.72xx.0	42	05.544.4029.8	108
05.502.2100.0	56	05.502.4400.0	282	05.543.72xx.0	56	05.544.4029.8	113
05.502.2100.0	60	05.502.4500.0	78	05.543.72xx.0	93	05.544.4129.7	120
05.502.2100.0	93	05.502.4500.0	282	05.543.72xx.0	127	05.544.4129.8	109
05.502.2100.0	106	05.502.4600.0	116	05.543.73xx.0	30	05.544.4129.8	119
05.502.2100.0	108	05.502.4700.0	116	05.543.73xx.0	40	05.544.4129.8	120
05.502.2100.0	109	05.502.4800.0	116	05.543.73xx.0	42	05.544.4129.x	31
05.502.2100.0	113	05.502.4900.0	80	05.543.73xx.0	56	05.544.4129.x	60
05.502.2100.0	119	05.502.4900.0	82	05.543.73xx.0	93	05.544.4229.7	120
05.502.2100.0	120	05.502.4900.0	84	05.543.73xx.0	127	05.544.4229.8	109
05.502.2100.0	127	05.502.4900.0	304	05.543.74xx.0	30	05.544.4229.8	119
05.502.2100.0	304	05.502.5000.0	80	05.543.74xx.0	40	05.544.4229.8	120
05.502.2200.0	107	05.502.5000.0	82	05.543.74xx.0	42	05.544.4229.x	31
05.502.2200.0	304	05.502.5000.0	84	05.543.74xx.0	56	05.544.4229.x	60
05.502.2300.0	106	05.502.5000.0	304	05.543.74xx.0	93	05.544.4329.7	120
05.502.2300.0	304	05.502.5100.0	80	05.543.74xx.0	127	05.544.4329.8	109
05.502.2400.0	29	05.502.5100.0	82	05.543.9021.0	56	05.544.4329.8	119
05.502.2400.0	64	05.502.5100.0	84	05.543.9121.0	56	05.544.4329.8	120
05.502.2400.0	66	05.502.5100.0	304	05.543.9221.0	56	05.544.4329.x	31
05.502.2400.0	98	05.502.5200.0	80	05.543.9321.0	56	05.544.4329.x	60
05.502.2400.0	304	05.502.5200.0	82	05.543.9421.0	56	05.544.4429.7	120
05.502.2600.0	304	05.502.5200.0	84	05.544.0900.0	29	05.544.4429.8	109
05.502.2800.0	77	05.502.5200.0	304	05.544.0900.0	64	05.544.4429.8	119
05.502.2800.0	115	05.502.5300.0	115	05.544.0900.0	66	05.544.4429.8	120
05.502.2800.0	116	05.507.4021.0	277	05.544.0900.0	98	05.544.4429.x	31
05.502.2900.0	77	05.507.4053.0	277	05.544.0929.0	29	05.544.4429.x	60
05.502.2900.0	115	05.507.4121.0	277	05.544.0929.0	64	05.544.4529.7	120
05.502.2900.0	116	05.507.4153.0	277	05.544.0929.0	66	05.544.4529.8	109

Part number | page

05.544.4529.8	119	06.502.4000.0	36	70.101.2453.0	50	70.310.1002.0	32
05.544.4529.8	120	06.502.4000.0	50	70.105.0653.3	44	70.310.1040.0	32
05.544.4529.x	31	06.502.4000.0	58	70.105.0653.4	44	70.310.1602.0	32
05.544.4529.x	60	06.502.4000.0	117	70.105.1053.3	44	70.310.1640.0	32
05.544.4629.7	110	06.502.4000.0	282	70.105.1053.4	44	70.310.2402.0	32
05.544.4729.7	110	06.502.4900.0	84	70.105.1653.3	44	70.310.2440.0	32
05.544.8121.0	31	06.502.5310.0	271	70.105.1653.4	44	70.310.3202.0	32
05.544.8121.0	109	06.502.5410.0	271	70.105.2453.3	44	70.310.3253.0	32
05.544.8121.0	119	06.502.5510.0	269	70.105.2453.4	44	70.310.4840.0	32
05.545.7900.8	80	06.600.6127.6	77	70.106.0653.0	50	70.311.0640.0	32
05.545.7900.8	82	06.600.6127.6	115	70.106.1053.0	50	70.311.1040.0	32
05.545.7900.8	84	06.600.6127.6	116	70.106.1653.0	50	70.311.1640.0	32
05.545.7900.8	84	06.600.6227.6	77	70.106.2453.0	50	70.311.2440.0	32
05.545.7900.8	84	06.600.6227.6	115	70.110.0653.3	44	70.312.0640.0	32
05.545.7900.8	84	06.600.6227.6	116	70.110.0653.4	44	70.312.1040.0	32
05.545.7900.8	84	07.409.7056.0	278	70.110.1053.3	44	70.312.1640.0	32
05.545.7900.8	84	07.409.7156.0	278	70.110.1053.4	44	70.312.2440.0	32
05.545.8000.8	80	07.409.7256.0	278	70.110.1653.3	44	70.320.0628.0	138
05.545.8000.8	82	07.409.7356.0	278	70.110.1653.4	44	70.320.0628.9	242
05.545.8100.8	80	07.416.6353.0	267	70.110.2453.3	44	70.320.0638.0	207
05.545.8100.8	82	07.416.6453.0	267	70.110.2453.4	44	70.320.1028.0	102
05.545.8200.8	80	07.416.6553.0	267	70.111.0653.0	50	70.320.1028.0	156
05.545.8200.8	82	07.416.6853.0	266	70.111.1053.0	50	70.320.1028.9	246
05.545.8300.8	80	07.416.6953.0	266	70.111.1653.0	50	70.320.1038.0	207
05.545.8300.8	82	07.416.7053.0	266	70.111.2453.0	50	70.320.1628.0	86
05.545.8600.8	84	07.416.7153.0	266	70.115.0653.3	44	70.320.1628.0	87
05.545.8700.8	84	07.417.6729.0	132	70.115.0653.4	44	70.320.1628.0	102
05.545.8800.8	84	07.417.6729.0	133	70.115.1053.3	44	70.320.1628.0	176
05.545.8900.8	84	07.417.6729.0	281	70.115.1053.4	44	70.320.1628.9	250
05.545.9000.8	84	07.417.6753.0	132	70.115.1653.3	44	70.320.1638.0	207
05.545.9100.8	84	07.417.6753.0	133	70.115.1653.4	44	70.320.2428.0	102
05.545.9200.8	80	07.417.6753.0	281	70.115.2453.3	44	70.320.2428.0	196
05.545.9200.8	82	07.417.6829.0	132	70.115.2453.4	44	70.320.2428.9	254
05.545.9300.8	80	07.417.6829.0	133	70.116.0653.0	50	70.320.2438.0	207
05.545.9300.8	82	07.417.6829.0	281	70.116.1053.0	50	70.320.3228.0	201
05.545.9400.8	80	07.417.6853.0	132	70.116.1653.0	50	70.320.4828.0	204
05.545.9400.8	82	07.417.6853.0	133	70.116.2453.0	50	70.320.4828.9	258
05.545.9500.8	80	07.417.6853.0	281	70.200.0653.0	70	70.325.0628.0	138
05.545.9500.8	82	07.428.5553.0	278	70.210.0653.0	70	70.325.0628.9	242
05.546.2721.8	116	07.428.5653.0	278	70.300.0602.0	32	70.325.1028.0	156
05.546.2821.8	116	07.428.5753.0	278	70.300.0640.0	32	70.325.1028.9	246
05.546.2921.8	116	70.000.0653.0	86	70.300.1002.0	32	70.325.1628.0	86
05.546.3021.8	115	70.005.0653.0	86	70.300.1040.0	32	70.325.1628.0	87
05.562.3183.0	102	70.010.0653.0	86	70.300.1602.0	32	70.325.1628.0	176
05.562.3283.0	102	70.015.0653.0	86	70.300.1640.0	32	70.325.1628.9	250
05.562.6353.0	110	70.060.1028.0	102	70.300.2402.0	32	70.325.2428.0	196
05.562.6453.0	110	70.060.1628.0	102	70.300.2440.0	32	70.325.2428.9	254
05.567.5214.0	271	70.060.2428.0	102	70.300.3202.0	32	70.325.4828.0	204
05.568.0353.0	31	70.061.2428.0	102	70.300.3253.0	32	70.325.4828.9	258
05.568.0353.0	272	70.100.0653.3	44	70.300.4840.0	32	70.330.0635.0	138
05.576.6612.0	271	70.100.0653.4	44	70.301.0640.0	32	70.330.0635.1	138
05.576.6712.0	271	70.100.1053.3	44	70.301.1040.0	32	70.330.0636.0	242
05.576.6912.0	271	70.100.1053.4	44	70.301.1640.0	32	70.330.1035.0	156
05.576.8312.0	271	70.100.1653.3	44	70.301.2440.0	32	70.330.1035.1	156
05.576.8412.0	271	70.100.1653.4	44	70.302.0640.0	32	70.330.1036.0	246
05.576.8512.0	271	70.100.2453.3	44	70.302.1040.0	32	70.330.1635.0	176
05.583.0053.0	97	70.100.2453.4	44	70.302.1640.0	32	70.330.1635.1	176
05.583.0053.0	100	70.101.0653.0	50	70.302.2440.0	32	70.330.2435.0	196
05.592.0621.0	269	70.101.1053.0	50	70.310.0602.0	32	70.330.2435.1	196
06.502.4000.0	34	70.101.1653.0	50	70.310.0640.0	32	70.330.2436.0	254

70.331.0635.0	138	70.341.0635.1	138	70.350.1635.3	168	70.352.4836.1	256
70.331.0635.1	138	70.341.0636.0	242	70.350.1636.1	248	70.352.4836.3	256
70.331.0636.0	242	70.341.1035.0	156	70.350.1636.3	248	70.353.0635.0	134
70.331.1035.0	156	70.341.1035.1	156	70.350.2435.0	188	70.353.0635.1	134
70.331.1035.1	156	70.341.1036.0	246	70.350.2435.1	188	70.353.0635.2	134
70.331.1036.0	246	70.341.1635.0	176	70.350.2435.2	188	70.353.0635.3	134
70.331.1635.0	176	70.341.1635.1	176	70.350.2435.3	188	70.353.0636.1	240
70.331.1635.1	176	70.341.2435.0	196	70.350.2436.1	252	70.353.0636.3	240
70.331.2435.0	196	70.341.2435.1	196	70.350.2436.3	252	70.353.0645.1	206
70.331.2435.1	196	70.341.2436.0	254	70.350.3235.0	200	70.353.1035.0	150
70.331.2436.0	254	70.341.4835.1	204	70.350.3235.1	200	70.353.1035.1	150
70.331.4835.0	204	70.341.4835.3	204	70.350.3235.2	200	70.353.1035.2	150
70.331.4835.1	204	70.341.4836.3	258	70.350.3235.3	200	70.353.1035.3	150
70.331.4835.3	204	70.342.0635.0	138	70.350.4835.0	202	70.353.1036.1	244
70.331.4836.3	258	70.342.0635.1	138	70.350.4835.1	202	70.353.1036.3	244
70.332.0635.0	138	70.342.0636.0	242	70.350.4835.2	202	70.353.1045.1	206
70.332.0635.1	138	70.342.1035.0	156	70.350.4835.3	202	70.353.1635.0	168
70.333.0635.0	138	70.342.1035.1	156	70.350.4836.1	256	70.353.1635.1	168
70.333.0635.1	138	70.342.1635.0	176	70.350.4836.3	256	70.353.1635.2	168
70.333.0636.0	242	70.342.1635.1	176	70.352.0635.0	134	70.353.1635.3	168
70.333.1035.0	156	70.342.2435.0	196	70.352.0635.0	134	70.353.1636.1	248
70.333.1035.1	156	70.342.2435.1	196	70.352.0635.1	134	70.353.1636.3	248
70.333.1036.0	246	70.343.0635.0	138	70.352.0635.1	134	70.353.1645.1	206
70.333.1635.0	176	70.343.0635.1	138	70.352.0635.2	134	70.353.2435.0	188
70.333.1635.1	176	70.343.0636.0	242	70.352.0635.3	134	70.353.2435.1	188
70.333.2435.0	196	70.343.1035.0	156	70.352.0635.3	134	70.353.2435.2	188
70.333.2435.1	196	70.343.1035.1	156	70.352.0636.1	240	70.353.2435.3	188
70.333.2436.0	254	70.343.1036.0	246	70.352.0636.3	240	70.353.2436.1	252
70.334.0635.0	138	70.343.1635.0	176	70.352.1035.0	150	70.353.2436.3	252
70.334.0635.1	138	70.343.1635.1	176	70.352.1035.0	152	70.353.2445.1	206
70.334.0636.0	242	70.343.2435.0	196	70.352.1035.1	150	70.353.3235.1	200
70.334.1035.0	156	70.343.2435.1	196	70.352.1035.1	152	70.353.3235.2	200
70.334.1035.1	156	70.343.2436.0	254	70.352.1035.2	150	70.353.3235.1	202
70.334.1036.0	246	70.344.0636.0	242	70.352.1035.3	150	70.353.4835.2	202
70.335.0635.0	138	70.344.1035.0	156	70.352.1035.3	152	70.353.4836.1	256
70.335.0635.1	138	70.344.1035.1	156	70.352.1036.1	244	70.354.0635.0	134
70.335.0636.0	242	70.344.1036.0	246	70.352.1036.3	244	70.354.0635.1	134
70.335.1035.0	156	70.344.4835.1	204	70.352.1635.0	168	70.354.0635.2	134
70.335.1035.1	156	70.344.4836.4	258	70.352.1635.0	170	70.354.0635.3	134
70.335.1036.0	246	70.345.0636.0	242	70.352.1635.1	168	70.354.0636.1	240
70.336.0635.0	138	70.345.1036.0	246	70.352.1635.1	170	70.354.0636.3	240
70.336.0635.1	138	70.346.0636.0	242	70.352.1635.2	168	70.354.1035.0	150
70.337.0635.0	138	70.347.0636.0	242	70.352.1635.3	168	70.354.1035.1	150
70.337.0635.1	138	70.347.1036.0	246	70.352.1635.3	170	70.354.1035.2	150
70.337.0636.0	242	70.350.0635.0	134	70.352.1636.1	248	70.354.1035.3	150
70.337.1035.0	156	70.350.0635.1	134	70.352.1636.3	248	70.354.1036.1	244
70.337.1035.1	156	70.350.0635.2	134	70.352.2435.0	188	70.354.1036.3	244
70.337.1036.0	246	70.350.0635.3	134	70.352.2435.1	188	70.354.1635.0	168
70.340.0635.0	138	70.350.0636.1	240	70.352.2435.2	188	70.354.1635.1	168
70.340.0635.1	138	70.350.0636.3	240	70.352.2435.3	188	70.354.1635.2	168
70.340.0636.0	242	70.350.0645.1	206	70.352.2436.1	252	70.354.1635.3	168
70.340.1035.0	156	70.350.1035.0	150	70.352.2436.3	252	70.354.1636.1	248
70.340.1035.1	156	70.350.1035.1	150	70.352.3235.0	200	70.354.1636.3	248
70.340.1036.0	246	70.350.1035.2	150	70.352.3235.1	200	70.354.2435.0	188
70.340.1635.0	176	70.350.1035.3	150	70.352.3235.2	200	70.354.2435.0	190
70.340.1635.1	176	70.350.1036.1	244	70.352.3235.3	200	70.354.2435.1	188
70.340.2435.0	196	70.350.1036.3	244	70.352.4835.0	202	70.354.2435.1	190
70.340.2435.1	196	70.350.1635.0	168	70.352.4835.1	202	70.354.2435.2	188
70.340.2436.0	254	70.350.1635.1	168	70.352.4835.2	202	70.354.2435.3	188
70.341.0635.0	138	70.350.1635.2	168	70.352.4835.3	202	70.354.2435.3	190

Part number | page

70.354.2436.1	252	70.359.1035.0	152	70.500.4853.0	34	70.950.1053.4	48
70.354.2436.3	252	70.359.1035.1	152	70.502.0653.0	36	70.950.1653.3	48
70.354.3235.1	200	70.359.1035.2	152	70.502.1053.0	36	70.950.1653.4	48
70.354.3235.2	200	70.359.1035.3	152	70.502.1653.0	36	70.950.2453.3	48
70.354.4835.1	202	70.359.1036.1	244	70.502.2453.0	36	70.950.2453.4	48
70.354.4835.2	202	70.359.1036.3	244	70.506.0353.0	58	70.955.0653.3	46
70.354.4836.1	256	70.359.1635.0	170	70.506.0653.0	58	70.955.0653.4	46
70.355.1035.0	152	70.359.1635.1	170	70.506.1053.0	58	70.955.1053.3	48
70.355.1035.1	152	70.359.1635.2	170	70.510.0653.0	34	70.955.1053.4	48
70.355.1035.2	152	70.359.1635.3	170	70.510.1053.0	34	70.955.1653.3	48
70.355.1035.3	152	70.359.1636.1	248	70.510.1653.0	34	70.955.1653.4	48
70.355.1036.1	244	70.359.1636.3	248	70.510.2453.0	34	70.955.2453.3	48
70.355.1036.3	244	70.359.2435.0	190	70.510.3253.0	34	70.955.2453.4	48
70.355.1635.0	170	70.359.2435.1	190	70.510.4853.0	34	71.320.1028.0	146
70.355.1635.1	170	70.359.2435.2	190	70.512.0653.0	36	71.320.1628.0	86
70.355.1635.2	170	70.359.2435.3	190	70.512.1053.0	36	71.320.1628.0	87
70.355.1635.3	170	70.359.2436.1	252	70.512.1653.0	36	71.320.1628.0	164
70.355.1636.1	248	70.359.2436.3	252	70.512.2453.0	36	71.320.2428.0	184
70.355.1636.3	248	70.372.0635.0	134	70.516.0353.0	58	71.321.1028.0	208
70.355.2435.0	190	70.372.0635.1	134	70.516.0653.0	58	71.325.1028.0	146
70.355.2435.1	190	70.372.0635.3	134	70.516.1053.0	58	71.325.1628.0	86
70.355.2435.2	190	70.372.1035.0	152	70.700.0658.0	40	71.325.1628.0	87
70.355.2435.3	190	70.372.1035.1	152	70.700.1058.0	40	71.325.1628.0	164
70.355.2436.1	252	70.372.1035.3	152	70.700.1658.0	40	71.325.2428.0	184
70.355.2436.3	252	70.372.1635.0	170	70.700.2458.0	40	71.330.1035.0	146
70.357.1035.0	152	70.372.1635.1	170	70.700.3253.0	40	71.330.1035.1	146
70.357.1035.1	152	70.372.1635.3	170	70.700.4858.0	40	71.330.1635.0	164
70.357.1035.2	152	70.374.2435.0	190	70.710.0658.0	40	71.330.1635.1	164
70.357.1035.3	152	70.374.2435.1	190	70.710.1058.0	40	71.330.2435.0	184
70.357.1036.1	244	70.374.2435.3	190	70.710.1658.0	40	71.330.2435.1	184
70.357.1036.3	244	70.400.0340.0	52	70.710.2458.0	40	71.331.1035.0	146
70.357.1635.1	170	70.400.0640.0	52	70.710.3253.0	40	71.331.1035.1	146
70.357.1635.2	170	70.400.1040.0	52	70.710.4858.0	40	71.331.1635.0	164
70.357.1635.3	170	70.400.1640.0	52	70.800.1056.0	42	71.331.1635.1	164
70.357.1636.1	248	70.405.0653.0	38	70.800.1856.0	42	71.331.2435.0	184
70.357.1636.3	248	70.405.1053.0	38	70.800.3256.0	42	71.331.2435.1	184
70.357.2435.0	190	70.405.1653.0	38	70.800.4656.0	42	71.333.1035.0	146
70.357.2435.1	190	70.405.2453.0	38	70.810.1056.0	42	71.333.1035.1	146
70.357.2435.2	190	70.410.0340.0	52	70.810.1856.0	42	71.333.1635.0	164
70.357.2435.3	190	70.410.0640.0	52	70.810.3256.0	42	71.333.1635.1	164
70.357.2436.1	252	70.410.1040.0	52	70.810.4656.0	42	71.333.2435.0	184
70.357.2436.3	252	70.410.1640.0	52	70.940.0653.3	46	71.333.2435.1	184
70.358.1035.0	152	70.415.0653.0	38	70.940.0653.4	46	71.335.1035.0	146
70.358.1035.1	152	70.415.1053.0	38	70.940.1053.3	48	71.335.1035.1	146
70.358.1035.2	152	70.415.1653.0	38	70.940.1053.4	48	71.340.1035.0	146
70.358.1035.3	152	70.415.2453.0	38	70.940.1653.3	48	71.340.1035.1	146
70.358.1036.1	244	70.420.0637.0	212	70.940.1653.4	48	71.340.1635.0	164
70.358.1036.3	244	70.425.0637.0	212	70.940.2453.3	48	71.340.1635.1	164
70.358.1635.0	170	70.430.0637.1	212	70.940.2453.4	48	71.340.2435.0	184
70.358.1635.1	170	70.431.0637.1	212	70.945.0653.3	46	71.340.2435.1	184
70.358.1635.2	170	70.440.0637.1	212	70.945.0653.4	46	71.341.1035.0	146
70.358.1635.3	170	70.441.0637.1	212	70.945.1053.3	48	71.341.1035.1	146
70.358.1636.1	248	70.450.0637.1	210	70.945.1053.4	48	71.341.1635.0	164
70.358.1636.3	248	70.452.0637.1	210	70.945.1653.3	48	71.341.1635.1	164
70.358.2435.0	190	70.472.0637.1	210	70.945.1653.4	48	71.341.2435.0	184
70.358.2435.1	190	70.500.0653.0	34	70.945.2453.3	48	71.341.2435.1	184
70.358.2435.2	190	70.500.1053.0	34	70.945.2453.4	48	71.342.1035.0	146
70.358.2435.3	190	70.500.1653.0	34	70.950.0653.3	46	71.342.1035.1	146
70.358.2436.1	252	70.500.2453.0	34	70.950.0653.4	46	71.342.1635.0	164
70.358.2436.3	252	70.500.3253.0	34	70.950.1053.3	48	71.342.1635.1	164

71.342.2435.0	184	71.354.2435.0	180	71.955.1053.4	46	72.311.1053.9	104
71.342.2435.1	184	71.354.2435.0	180	71.955.1653.3	46	72.311.1653.9	104
71.343.1035.0	146	71.354.2435.1	180	71.955.1653.4	46	72.311.2453.9	104
71.343.1035.1	146	71.354.2435.2	180	71.955.2453.3	46	72.320.1628.0	74
71.343.1635.0	164	71.354.2435.3	180	71.955.2453.4	46	72.320.2428.0	75
71.343.1635.1	164	71.372.1035.0	142	72.000.0653.0	86	72.700.0658.0	56
71.343.2435.0	184	71.372.1035.1	142	72.005.0653.0	86	72.700.1058.0	56
71.343.2435.1	184	71.372.1035.3	142	72.010.0653.0	86	72.700.1658.0	56
71.350.1035.0	142	71.372.1635.0	160	72.015.0653.0	86	72.700.2458.0	56
71.350.1035.1	142	71.372.1635.1	160	72.107.1053.0	87	72.703.1453.0	80
71.350.1035.2	142	71.372.1635.3	160	72.117.1053.0	87	72.703.3253.0	84
71.350.1035.3	142	71.372.2435.0	180	72.200.0653.0	71	72.703.4253.0	82
71.350.1635.0	160	71.372.2435.1	180	72.203.1253.0	75	72.710.0658.0	56
71.350.1635.1	160	71.374.2435.0	180	72.203.1853.0	78	72.710.1058.0	56
71.350.1635.2	160	71.420.1037.0	216	72.205.0653.0	76	72.710.1658.0	56
71.350.1635.3	160	71.420.1637.0	220	72.205.1053.0	73	72.710.2458.0	56
71.350.2435.0	180	71.420.2437.0	224	72.205.1253.0	74	72.713.1453.0	80
71.350.2435.1	180	71.425.1037.0	216	72.205.1853.0	78	72.713.3253.0	84
71.350.2435.2	180	71.425.1637.0	220	72.206.1253.0	77	72.713.4253.0	82
71.350.2435.3	180	71.425.2437.0	224	72.208.0453.0	72	73.100.4053.0	68
71.352.1035.0	142	71.430.1037.1	216	72.210.0653.0	71	73.100.6453.0	68
71.352.1035.0	142	71.430.1637.1	220	72.213.1253.0	75	73.105.4053.0	68
71.352.1035.1	142	71.430.2437.1	224	72.213.1853.0	78	73.105.6453.0	68
71.352.1035.1	142	71.431.1037.1	216	72.215.0653.0	76	73.110.4053.0	68
71.352.1035.2	142	71.431.1637.1	220	72.215.1053.0	73	73.110.6453.0	68
71.352.1035.3	142	71.431.2437.1	224	72.215.1253.0	74	73.115.4053.0	68
71.352.1035.3	142	71.440.1037.1	216	72.215.1853.0	78	73.115.6453.0	68
71.352.1635.0	160	71.440.1637.1	220	72.216.1253.0	77	73.300.0353.0	28
71.352.1635.0	160	71.440.2437.1	224	72.218.0453.0	72	73.300.0453.0	28
71.352.1635.1	160	71.441.1037.1	216	72.250.1635.2	74	73.300.1053.0	62
71.352.1635.1	160	71.441.1637.1	220	72.250.1635.2	175	73.300.1653.0	62
71.352.1635.2	160	71.441.2437.1	224	72.250.2435.2	75	73.300.1653.3	62
71.352.1635.3	160	71.450.1037.1	214	72.250.2435.2	195	73.300.3253.0	62
71.352.1635.3	160	71.450.1637.1	218	72.300.0653.0	54	73.310.0353.0	28
71.352.2435.0	180	71.450.2437.1	222	72.300.0653.9	104	73.310.0453.0	28
71.352.2435.0	180	71.452.1037.1	214	72.300.1053.0	54	73.310.1053.0	62
71.352.2435.1	180	71.452.1637.1	218	72.300.1053.9	104	73.310.1653.0	62
71.352.2435.1	180	71.452.2437.1	222	72.300.1653.0	54	73.310.1653.3	62
71.352.2435.2	180	71.472.1037.1	214	72.300.1653.9	104	73.310.3253.0	62
71.352.2435.3	180	71.472.1637.1	218	72.300.2453.0	54	73.320.3228.0	238
71.353.1035.0	142	71.472.2437.1	222	72.300.2453.9	104	73.325.3228.0	238
71.353.1035.1	142	71.940.1053.3	46	72.300.3253.0	54	73.326.4028.0	68
71.353.1035.2	142	71.940.1053.4	46	72.300.4853.0	54	73.326.6428.0	68
71.353.1035.3	142	71.940.1653.3	46	72.300.4853.9	104	73.327.4028.0	68
71.353.1635.0	160	71.940.1653.4	46	72.301.0653.9	104	73.327.6428.0	68
71.353.1635.1	160	71.940.2453.3	46	72.301.1053.9	104	73.330.0635.0	140
71.353.1635.2	160	71.940.2453.4	46	72.301.1653.9	104	73.330.0635.1	140
71.353.1635.3	160	71.945.1053.3	46	72.301.2453.9	104	73.330.1035.0	158
71.353.2435.0	180	71.945.1053.4	46	72.310.0653.0	54	73.330.1035.1	158
71.353.2435.1	180	71.945.1653.3	46	72.310.0653.9	104	73.330.3235.0	238
71.353.2435.2	180	71.945.1653.4	46	72.310.1053.0	54	73.330.3235.1	238
71.353.2435.3	180	71.945.2453.3	46	72.310.1053.9	104	73.330.4035.0	178
71.354.1035.0	142	71.945.2453.4	46	72.310.1653.0	54	73.330.4035.1	178
71.354.1035.1	142	71.950.1053.3	46	72.310.1653.9	104	73.331.0635.0	140
71.354.1035.2	142	71.950.1053.4	46	72.310.2453.0	54	73.331.0635.1	140
71.354.1035.3	142	71.950.1653.3	46	72.310.2453.9	104	73.331.1035.0	158
71.354.1635.0	160	71.950.1653.4	46	72.310.3253.0	54	73.331.1035.1	158
71.354.1635.1	160	71.950.2453.3	46	72.310.4853.0	54	73.331.3235.0	238
71.354.1635.2	160	71.950.2453.4	46	72.310.4853.9	104	73.331.3235.1	238
71.354.1635.3	160	71.955.1053.3	46	72.311.0653.9	104	73.331.4035.0	178

Part number | page

73.331.4035.1	178	73.344.4035.1	178	73.352.0635.1	136	73.355.4035.1	174
73.333.4035.0	178	73.344.6435.0	198	73.352.0635.2	136	73.355.4035.2	174
73.333.4035.1	178	73.344.6435.1	198	73.352.0635.3	136	73.355.4035.3	174
73.334.0635.0	140	73.345.0635.0	140	73.352.1035.0	154	73.355.6435.0	194
73.334.0635.1	140	73.345.0635.1	140	73.352.1035.1	154	73.355.6435.1	194
73.334.1035.0	158	73.345.1035.0	158	73.352.1035.2	154	73.355.6435.2	194
73.334.1035.1	158	73.345.1035.1	158	73.352.1035.3	154	73.355.6435.3	194
73.334.3235.1	238	73.345.4035.0	178	73.352.3235.0	234	73.357.3235.1	236
73.334.4035.0	178	73.345.4035.1	178	73.352.3235.1	234	73.357.4035.0	174
73.334.4035.1	178	73.345.6435.0	198	73.352.4035.0	172	73.357.4035.1	174
73.334.6435.0	198	73.345.6435.1	198	73.352.4035.1	172	73.357.4035.2	174
73.334.6435.1	198	73.346.0635.0	140	73.352.4035.2	172	73.357.4035.3	174
73.335.0635.0	140	73.346.0635.1	140	73.352.4035.3	172	73.357.6435.0	194
73.335.0635.1	140	73.346.1035.0	158	73.352.6435.0	192	73.357.6435.1	194
73.335.1035.0	158	73.346.1035.1	158	73.352.6435.1	192	73.357.6435.2	194
73.335.1035.1	158	73.346.3235.1	238	73.352.6435.2	192	73.357.6435.3	194
73.335.3235.0	238	73.346.4035.0	178	73.352.6435.3	192	73.358.3235.0	236
73.335.3235.1	238	73.346.4035.1	178	73.353.0635.0	136	73.358.3235.1	236
73.335.4035.0	178	73.346.6435.0	198	73.353.0635.1	136	73.358.4035.0	174
73.335.4035.1	178	73.346.6435.1	198	73.353.0635.2	136	73.358.4035.1	174
73.335.6435.0	198	73.347.4035.0	178	73.353.0635.3	136	73.358.4035.2	174
73.335.6435.1	198	73.347.4035.1	178	73.353.0645.1	206	73.358.4035.3	174
73.337.4035.0	178	73.347.6435.0	198	73.353.1035.0	154	73.358.6435.0	194
73.337.4035.1	178	73.347.6435.1	198	73.353.1035.1	154	73.358.6435.1	194
73.337.6435.0	198	73.350.0635.0	136	73.353.1035.2	154	73.358.6435.2	194
73.337.6435.1	198	73.350.0635.1	136	73.353.1035.3	154	73.358.6435.3	194
73.338.4035.1	178	73.350.0635.2	136	73.353.1045.1	206	73.359.3235.1	236
73.338.6435.1	198	73.350.0635.3	136	73.353.3235.0	234	73.359.4035.0	174
73.339.4035.0	178	73.350.0645.1	206	73.353.3235.1	234	73.359.4035.1	174
73.339.4035.1	178	73.350.1035.0	154	73.353.4035.0	172	73.359.4035.2	174
73.339.6435.1	198	73.350.1035.1	154	73.353.4035.1	172	73.359.4035.3	174
73.340.0635.0	140	73.350.1035.2	154	73.353.4035.2	172	73.359.6435.0	194
73.340.0635.1	140	73.350.1035.3	154	73.353.4035.3	172	73.359.6435.1	194
73.340.1035.0	158	73.350.3235.0	234	73.353.4045.1	206	73.359.6435.2	194
73.340.1035.1	158	73.350.3235.1	234	73.353.6435.0	192	73.359.6435.3	194
73.340.3235.1	238	73.350.4035.0	172	73.353.6435.1	192	73.360.4035.0	172
73.340.4035.0	178	73.350.4035.1	172	73.353.6435.2	192	73.360.4035.1	172
73.340.4035.1	178	73.350.4035.2	172	73.353.6435.3	192	73.360.4035.2	172
73.341.0635.0	140	73.350.4035.3	172	73.353.6445.1	206	73.360.6435.0	192
73.341.0635.1	140	73.350.6435.0	192	73.354.0635.0	136	73.360.6435.1	192
73.341.1035.0	158	73.350.6435.1	192	73.354.0635.1	136	73.360.6435.2	192
73.341.1035.1	158	73.350.6435.2	192	73.354.0635.2	136	73.362.4035.0	172
73.341.4035.0	178	73.350.6435.3	192	73.354.0635.3	136	73.362.4035.1	172
73.341.4035.1	178	73.351.0635.0	136	73.354.1035.0	154	73.362.6435.0	192
73.342.0635.0	140	73.351.0635.1	136	73.354.1035.1	154	73.362.6435.1	192
73.342.0635.1	140	73.351.0635.2	136	73.354.1035.2	154	73.365.6435.1	194
73.342.1035.0	158	73.351.0635.3	136	73.354.1035.3	154	73.367.6435.0	194
73.342.1035.1	158	73.351.1035.0	154	73.354.3235.0	234	73.372.3235.0	234
73.342.3235.0	238	73.351.1035.1	154	73.354.3235.1	234	73.372.3235.1	234
73.342.3235.1	238	73.351.1035.2	154	73.354.4035.0	172	73.374.3235.0	234
73.342.4035.0	178	73.351.1035.3	154	73.354.4035.1	172	73.374.3235.1	234
73.342.4035.1	178	73.351.1635.0	172	73.354.4035.2	172	73.374.4035.1	172
73.343.4035.0	178	73.351.1635.1	172	73.354.4035.3	172	73.374.6435.1	192
73.343.4035.1	178	73.351.1635.2	172	73.354.6435.0	192	73.378.6435.1	192
73.344.0635.0	140	73.351.1635.3	172	73.354.6435.1	192	73.700.0553.0	30
73.344.0635.1	140	73.351.2435.0	192	73.354.6435.2	192	73.700.0753.0	29
73.344.1035.0	158	73.351.2435.1	192	73.354.6435.3	192	73.700.0853.0	29
73.344.1035.1	158	73.351.2435.2	192	73.355.3235.0	236	73.700.1253.0	31
73.344.3235.1	238	73.351.2435.3	192	73.355.3235.1	236	73.700.1553.0	64
73.344.4035.0	178	73.352.0635.0	136	73.355.4035.0	174	73.700.2553.0	64

73.700.4058.0	66	76.334.1035.1	148	76.347.4035.1	166	76.353.1035.2	144
73.700.6458.0	66	76.334.1535.0	228	76.347.6435.0	186	76.353.1535.0	226
73.700.8058.0	66	76.334.1535.1	228	76.347.6435.1	186	76.353.1535.1	226
73.710.0553.0	30	76.334.2535.0	232	76.350.0736.0	132	76.353.1535.2	226
73.710.0753.0	29	76.334.2535.1	232	76.350.0736.1	132	76.353.2535.0	230
73.710.0853.0	29	76.334.4035.0	166	76.350.0760.1	132	76.353.2535.2	230
73.710.1253.0	31	76.334.4035.1	166	76.350.0760.5	132	76.353.4035.0	162
73.710.1553.0	64	76.334.6435.0	186	76.350.1035.0	144	76.353.4035.1	162
73.710.2553.0	64	76.334.6435.1	186	76.350.1035.1	144	76.353.4035.2	162
73.710.4058.0	66	76.335.1035.0	148	76.350.1535.0	226	76.353.4035.3	162
73.710.6458.0	66	76.335.1035.1	148	76.350.1535.2	226	76.353.6435.0	182
73.710.8058.0	66	76.335.1535.0	228	76.350.2535.0	230	76.353.6435.1	182
73.800.0853.0	60	76.335.1535.1	228	76.350.2535.2	230	76.353.6435.2	182
73.800.2453.0	60	76.335.2535.0	232	76.350.4035.0	162	76.353.6435.3	182
73.800.4253.0	60	76.335.2535.1	232	76.350.4035.1	162	76.354.1035.0	144
73.800.7253.0	60	76.335.4035.0	166	76.350.4035.2	162	76.354.1035.1	144
73.810.0853.0	60	76.335.4035.1	166	76.350.4035.3	162	76.354.1035.2	144
73.810.2453.0	60	76.335.6435.0	186	76.350.6435.0	182	76.354.1535.0	226
73.810.4253.0	60	76.335.6435.1	186	76.350.6435.1	182	76.354.1535.1	226
73.810.7253.0	60	76.336.1535.0	228	76.350.6435.2	182	76.354.1535.2	226
75.012.0053.0	127	76.336.1535.1	228	76.350.6435.3	182	76.354.2535.0	230
75.012.5053.0	127	76.337.4035.0	166	76.351.1035.0	144	76.354.2535.0	230
75.013.0051.0	126	76.337.4035.1	166	76.351.1035.1	144	76.354.2535.1	230
75.013.0051.2	126	76.337.6435.0	186	76.351.1035.2	144	76.354.2535.2	230
75.013.5051.0	126	76.337.6435.1	186	76.351.1035.3	144	76.354.4035.0	162
76.320.0729.0	133	76.338.6435.1	186	76.351.1635.0	162	76.354.4035.0	162
76.320.0753.0	133	76.339.6435.1	186	76.351.1635.1	162	76.354.4035.1	162
76.320.1528.0	228	76.340.1035.0	148	76.351.1635.2	162	76.354.4035.2	162
76.320.2528.0	232	76.340.1035.1	148	76.351.1635.3	162	76.354.4035.3	162
76.321.0729.0	133	76.340.4035.0	166	76.351.2435.0	182	76.354.6435.0	182
76.321.0753.0	133	76.340.4035.1	166	76.351.2435.1	182	76.354.6435.1	182
76.322.0736.0	133	76.341.1035.0	148	76.351.2435.2	182	76.354.6435.2	182
76.322.0736.1	133	76.341.1035.1	148	76.351.2435.3	182	76.354.6435.3	182
76.322.0760.5	133	76.341.4035.0	166	76.352.0736.0	132	76.360.4035.0	162
76.325.2528.0	232	76.341.4035.1	166	76.352.0736.1	132	76.360.4035.1	162
76.326.4028.0	68	76.342.1035.0	148	76.352.0760.0	132	76.360.6435.1	182
76.326.6428.0	68	76.342.1035.1	148	76.352.0760.1	132	76.362.0736.0	132
76.327.4028.0	68	76.342.4035.0	166	76.352.0760.5	132	76.362.0736.1	132
76.327.6428.0	68	76.342.4035.1	166	76.352.1035.0	144	76.362.0736.5	132
76.330.1035.0	148	76.343.4035.0	166	76.352.1035.1	144	76.362.4035.1	162
76.330.1035.1	148	76.343.4035.1	166	76.352.1535.0	226	76.362.6435.1	182
76.330.1535.0	228	76.344.1035.0	148	76.352.1535.0	226	76.372.0736.0	132
76.330.1535.1	228	76.344.1035.1	148	76.352.1535.1	226	76.372.0736.1	132
76.330.2535.0	232	76.344.4035.0	166	76.352.1535.1	226	76.372.0760.1	132
76.330.2535.1	232	76.344.4035.1	166	76.352.1535.2	226	76.372.0760.5	132
76.330.4035.0	166	76.344.6435.0	186	76.352.2535.0	230	76.372.1535.0	226
76.330.4035.1	166	76.344.6435.1	186	76.352.2535.0	230	76.372.1535.1	226
76.331.1035.0	148	76.345.1035.0	148	76.352.2535.1	230	76.372.2535.0	230
76.331.1035.1	148	76.345.1035.1	148	76.352.2535.1	230	76.372.2535.1	230
76.331.1535.0	228	76.345.4035.0	166	76.352.2535.2	230	76.374.2535.0	230
76.331.1535.1	228	76.345.4035.1	166	76.352.4035.0	162	76.374.4035.0	162
76.331.2535.0	232	76.345.6435.0	186	76.352.4035.1	162	76.425.1528.0	228
76.331.2535.1	232	76.345.6435.1	186	76.352.4035.2	162	76.425.2528.0	232
76.331.4035.0	166	76.346.1035.0	148	76.352.4035.3	162	76.440.1535.0	228
76.331.4035.1	166	76.346.1035.1	148	76.352.6435.0	182	76.440.1535.1	228
76.332.1535.0	228	76.346.4035.0	166	76.352.6435.1	182	76.440.2535.0	232
76.332.1535.1	228	76.346.4035.1	166	76.352.6435.2	182	76.440.2535.1	232
76.333.4035.0	166	76.346.6435.0	186	76.352.6435.3	182	76.441.1535.0	228
76.333.4035.1	166	76.346.6435.1	186	76.353.1035.0	144	76.441.1535.1	228
76.334.1035.0	148	76.347.4035.0	166	76.353.1035.1	144	76.441.2535.0	232

Part number | page

76.441.2535.1	232	78.353.0134.5	124	99.700.3329.7	242	Z5.507.1321.0	210
76.442.1535.0	228	78.362.0134.1	124	99.700.9999.9	128	Z5.507.1321.0	212
76.442.1535.1	228	78.362.0134.5	124	99.701.0000.6	261	Z5.507.1321.0	214
76.442.2535.0	232	78.363.0134.1	124	99.701.9999.9	128	Z5.507.1321.0	216
76.442.2535.1	232	78.363.0134.5	124	99.702.0000.6	261	Z5.507.1321.0	226
76.444.1535.0	228	78.903.0153.0	112	99.702.3329.7	250	Z5.507.1321.0	228
76.444.1535.1	228	78.903.0253.0	112	99.702.9999.9	128	Z5.507.1321.0	230
76.444.2535.0	232	78.904.0153.0	112	99.703.0000.6	261	Z5.507.1321.0	232
76.444.2535.1	232	78.904.0253.0	112	99.703.9999.9	128	Z5.507.1321.0	274
76.445.1535.0	228	78.913.0153.0	112	99.704.3329.7	254	Z5.507.1353.0	134
76.445.1535.1	228	78.913.0253.0	112	99.706.0000.6	261	Z5.507.1353.0	136
76.445.2535.0	232	78.914.0153.0	112	99.706.3329.7	246	Z5.507.1353.0	138
76.445.2535.1	232	78.914.0253.0	112	99.707.0000.6	261	Z5.507.1353.0	142
76.446.1535.0	228	78.920.0453.0	119	99.708.0000.6	261	Z5.507.1353.0	144
76.446.1535.1	228	78.930.0453.0	119	99.709.0000.6	261	Z5.507.1353.0	146
76.446.2535.0	232	95.000.1000.0	115	99.710.9999.9	128	Z5.507.1353.0	150
76.446.2535.1	232	95.000.1000.0	116	99.711.9999.9	128	Z5.507.1353.0	152
78.000.0653.0	122	95.101.0800.0	29	99.712.9999.9	128	Z5.507.1353.0	154
78.000.1053.0	122	95.101.0800.0	30	99.713.9999.9	128	Z5.507.1353.0	156
78.000.1653.0	122	95.101.0800.0	31	99.718.0000.6	261	Z5.507.1353.0	226
78.000.2453.0	122	95.101.0800.0	40	99.719.0000.6	261	Z5.507.1353.0	228
78.001.2053.0	110	95.101.0800.0	42	99.720.0000.6	261	Z5.507.1353.0	230
78.002.1053.0	109	95.101.0800.0	56	99.721.0000.6	261	Z5.507.1353.0	232
78.002.1053.1	109	95.101.0800.0	60	99.724.0000.6	261	Z5.507.1353.0	274
78.003.0253.0	113	95.101.0800.0	64	99.725.0000.6	261	Z5.507.1453.1	126
78.003.0453.0	107	95.101.0800.0	66	99.726.0000.6	261	Z5.507.1521.0	124
78.003.0553.0	108	95.101.0800.0	77	99.727.0000.6	261	Z5.507.1521.0	134
78.004.0253.0	115	95.101.0800.0	80	99.731.3329.7	240	Z5.507.1521.0	136
78.004.0353.0	106	95.101.0800.0	82	99.732.3329.7	240	Z5.507.1521.0	138
78.006.0253.0	116	95.101.0800.0	84	99.733.3329.7	244	Z5.507.1521.0	140
78.009.0253.0	120	95.101.0800.0	93	99.734.3329.7	244	Z5.507.1521.0	142
78.010.0653.0	122	95.101.0800.0	98	99.735.3329.7	248	Z5.507.1521.0	144
78.010.1053.0	122	95.101.0800.0	106	99.736.3329.7	248	Z5.507.1521.0	146
78.010.1653.0	122	95.101.0800.0	107	99.737.3329.7	252	Z5.507.1521.0	148
78.010.2453.0	122	95.101.0800.0	108	99.738.3329.7	252	Z5.507.1521.0	150
78.011.2053.0	110	95.101.0800.0	109	99.741.3329.7	240	Z5.507.1521.0	152
78.012.1053.0	109	95.101.0800.0	110	99.742.3329.7	240	Z5.507.1521.0	154
78.012.1053.1	109	95.101.0800.0	113	99.743.3329.7	244	Z5.507.1521.0	156
78.013.0253.0	113	95.101.0800.0	115	99.744.3329.7	244	Z5.507.1521.0	158
78.013.0453.0	107	95.101.0800.0	116	99.745.3329.7	248	Z5.507.1521.0	162
78.013.0553.0	108	95.101.0800.0	119	99.746.3329.7	248	Z5.507.1521.0	164
78.014.0253.0	115	95.101.0800.0	120	99.747.3329.7	252	Z5.507.1521.0	166
78.014.0353.0	106	95.101.0800.0	127	99.748.3329.7	252	Z5.507.1521.0	168
78.016.0253.0	116	95.101.0800.0	282	99.7xx.9999.9	128	Z5.507.1521.0	170
78.019.0253.0	120	95.101.0800.0	304	99.7xx.9999.9	128	Z5.507.1521.0	172
78.101.0453.0	118	95.101.2000.0	31	Z4.242.3753.0	283	Z5.507.1521.0	174
78.106.0153.0	114	95.101.2000.0	109	Z4.242.4053.0	283	Z5.507.1521.0	176
78.106.0253.0	114	95.101.2000.0	119	Z5.505.7121.0	124	Z5.507.1521.0	179
78.111.0453.0	118	95.350.0100.0	282	Z5.505.7221.0	124	Z5.507.1521.0	180
78.116.0153.0	114	99.000.0920.8	283	Z5.507.1321.0	124	Z5.507.1521.0	182
78.116.0253.0	114	99.000.0920.8	283	Z5.507.1321.0	134	Z5.507.1521.0	184
78.181.0453.0	118	99.002.0920.8	283	Z5.507.1321.0	136	Z5.507.1521.0	186
78.191.0453.0	118	99.002.0920.8	283	Z5.507.1321.0	138	Z5.507.1521.0	188
78.203.0453.0	117	99.003.0920.8	283	Z5.507.1321.0	142	Z5.507.1521.0	190
78.213.0453.0	117	99.003.0920.8	283	Z5.507.1321.0	144	Z5.507.1521.0	192
78.320.0134.0	124	99.004.0920.8	283	Z5.507.1321.0	146	Z5.507.1521.0	194
78.330.0134.0	124	99.004.0920.8	283	Z5.507.1321.0	150	Z5.507.1521.0	196
78.352.0134.1	124	99.005.0920.8	283	Z5.507.1321.0	152	Z5.507.1521.0	198
78.352.0134.5	124	99.005.0920.8	283	Z5.507.1321.0	154	Z5.507.1521.0	218
78.353.0134.1	124	99.700.0000.6	261	Z5.507.1321.0	156	Z5.507.1521.0	220

Z5.507.1521.0	222	Z5.507.1721.0	170	Z5.507.1953.0	162	Z5.507.9821.0	168
Z5.507.1521.0	224	Z5.507.1721.0	172	Z5.507.1953.0	172	Z5.507.9821.0	170
Z5.507.1521.0	226	Z5.507.1721.0	174	Z5.507.1953.0	175	Z5.507.9821.0	172
Z5.507.1521.0	228	Z5.507.1721.0	179	Z5.507.1953.0	179	Z5.507.9821.0	174
Z5.507.1521.0	230	Z5.507.1721.0	180	Z5.507.1953.0	182	Z5.507.9821.0	180
Z5.507.1521.0	232	Z5.507.1721.0	182	Z5.507.1953.0	186	Z5.507.9821.0	182
Z5.507.1521.0	234	Z5.507.1721.0	186	Z5.507.1953.0	192	Z5.507.9821.0	188
Z5.507.1521.0	236	Z5.507.1721.0	188	Z5.507.1953.0	194	Z5.507.9821.0	190
Z5.507.1521.0	238	Z5.507.1721.0	190	Z5.507.1953.0	198	Z5.507.9821.0	192
Z5.507.1521.0	274	Z5.507.1721.0	192	Z5.507.1953.0	200	Z5.507.9821.0	194
Z5.507.1553.0	134	Z5.507.1721.0	194	Z5.507.1953.0	202	Z5.507.9821.0	275
Z5.507.1553.0	136	Z5.507.1721.0	198	Z5.507.1953.0	204	Z5.553.2921.0	38
Z5.507.1553.0	138	Z5.507.1721.0	200	Z5.507.1953.0	274	Z5.560.1019.0	273
Z5.507.1553.0	140	Z5.507.1721.0	202	Z5.507.2121.0	275	Z5.560.1119.0	273
Z5.507.1553.0	142	Z5.507.1721.0	204	Z5.507.2221.0	275	Z5.560.1219.0	273
Z5.507.1553.0	144	Z5.507.1721.0	234	Z5.507.2321.0	275	Z5.560.1319.0	273
Z5.507.1553.0	146	Z5.507.1721.0	236	Z5.507.2421.0	275	Z5.566.5956.0	120
Z5.507.1553.0	148	Z5.507.1721.0	238	Z5.507.4821.0	124	Z5.566.6056.0	120
Z5.507.1553.0	150	Z5.507.1721.0	274	Z5.507.4821.0	206	Z5.570.0056.0	90
Z5.507.1553.0	152	Z5.507.1753.0	136	Z5.507.4821.0	274	Z5.570.0156.0	90
Z5.507.1553.0	154	Z5.507.1753.0	140	Z5.507.5021.0	124	Z5.570.0256.0	90
Z5.507.1553.0	156	Z5.507.1753.0	144	Z5.507.5021.0	206	Z5.570.0356.0	90
Z5.507.1553.0	158	Z5.507.1753.0	148	Z5.507.5021.0	274	Z5.570.0556.0	94
Z5.507.1553.0	162	Z5.507.1753.0	154	Z5.507.5221.0	206	Z5.570.0656.0	94
Z5.507.1553.0	164	Z5.507.1753.0	158	Z5.507.5221.0	274	Z5.570.0756.0	94
Z5.507.1553.0	166	Z5.507.1753.0	162	Z5.507.5821.0	275	Z5.570.0856.0	94
Z5.507.1553.0	168	Z5.507.1753.0	166	Z5.507.6021.0	275	Z5.570.1056.0	90
Z5.507.1553.0	170	Z5.507.1753.0	168	Z5.507.6221.0	275	Z5.570.1156.0	90
Z5.507.1553.0	172	Z5.507.1753.0	170	Z5.507.9521.0	275	Z5.570.1256.0	90
Z5.507.1553.0	174	Z5.507.1753.0	172	Z5.507.9621.0	134	Z5.570.1356.0	90
Z5.507.1553.0	176	Z5.507.1753.0	174	Z5.507.9621.0	136	Z5.570.1556.0	94
Z5.507.1553.0	179	Z5.507.1753.0	179	Z5.507.9621.0	142	Z5.570.1656.0	94
Z5.507.1553.0	180	Z5.507.1753.0	180	Z5.507.9621.0	144	Z5.570.1756.0	94
Z5.507.1553.0	182	Z5.507.1753.0	182	Z5.507.9621.0	150	Z5.570.1856.0	94
Z5.507.1553.0	184	Z5.507.1753.0	186	Z5.507.9621.0	152	Z5.570.2056.0	90
Z5.507.1553.0	186	Z5.507.1753.0	188	Z5.507.9621.0	154	Z5.570.2156.0	90
Z5.507.1553.0	188	Z5.507.1753.0	190	Z5.507.9621.0	275	Z5.570.2256.0	90
Z5.507.1553.0	190	Z5.507.1753.0	192	Z5.507.9721.0	134	Z5.570.2356.0	90
Z5.507.1553.0	192	Z5.507.1753.0	194	Z5.507.9721.0	136	Z5.570.2556.0	94
Z5.507.1553.0	194	Z5.507.1753.0	198	Z5.507.9721.0	142	Z5.570.2656.0	94
Z5.507.1553.0	196	Z5.507.1753.0	200	Z5.507.9721.0	144	Z5.570.2756.0	94
Z5.507.1553.0	198	Z5.507.1753.0	202	Z5.507.9721.0	150	Z5.570.2856.0	94
Z5.507.1553.0	226	Z5.507.1753.0	204	Z5.507.9721.0	152	Z5.570.3056.0	90
Z5.507.1553.0	228	Z5.507.1753.0	234	Z5.507.9721.0	154	Z5.570.3156.0	90
Z5.507.1553.0	230	Z5.507.1753.0	236	Z5.507.9721.0	162	Z5.570.3256.0	90
Z5.507.1553.0	232	Z5.507.1753.0	238	Z5.507.9721.0	168	Z5.570.3356.0	90
Z5.507.1553.0	234	Z5.507.1753.0	274	Z5.507.9721.0	170	Z5.570.3556.0	94
Z5.507.1553.0	236	Z5.507.1921.0	162	Z5.507.9721.0	172	Z5.570.3656.0	94
Z5.507.1553.0	238	Z5.507.1921.0	172	Z5.507.9721.0	174	Z5.570.3756.0	94
Z5.507.1553.0	274	Z5.507.1921.0	175	Z5.507.9721.0	180	Z5.570.3856.0	94
Z5.507.1553.1	126	Z5.507.1921.0	179	Z5.507.9721.0	182	Z5.570.4056.0	92
Z5.507.1721.0	136	Z5.507.1921.0	182	Z5.507.9721.0	188	Z5.570.4156.0	92
Z5.507.1721.0	140	Z5.507.1921.0	186	Z5.507.9721.0	190	Z5.570.4256.0	92
Z5.507.1721.0	144	Z5.507.1921.0	192	Z5.507.9721.0	192	Z5.570.4356.0	92
Z5.507.1721.0	148	Z5.507.1921.0	194	Z5.507.9721.0	194	Z5.570.5056.0	92
Z5.507.1721.0	154	Z5.507.1921.0	198	Z5.507.9721.0	275	Z5.570.5156.0	92
Z5.507.1721.0	158	Z5.507.1921.0	200	Z5.507.9821.0	136	Z5.570.5256.0	92
Z5.507.1721.0	162	Z5.507.1921.0	202	Z5.507.9821.0	144	Z5.570.5356.0	92
Z5.507.1721.0	166	Z5.507.1921.0	204	Z5.507.9821.0	154	Z5.570.6056.0	98
Z5.507.1721.0	168	Z5.507.1921.0	274	Z5.507.9821.0	162	Z5.570.6156.0	98

Part number | page

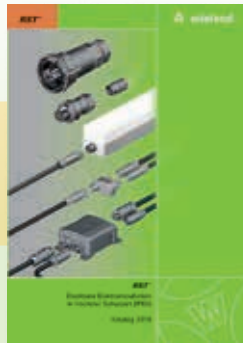
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Z5.570.6756.0	92	Z5.571.8056.0	98	Z5.573.1556.0	96	Z7.256.1127.0	282
Z5.570.6856.0	92	Z5.571.8156.0	98	Z5.573.1656.0	96	Z7.256.1227.0	282
Z5.570.7056.0	98	Z5.571.8556.0	92	Z5.573.1756.0	96	Z7.258.1225.0	282
Z5.570.7156.0	98	Z5.571.8656.0	92	Z5.573.1856.0	96	Z7.258.1325.0	282
Z5.570.8056.0	98	Z5.571.8756.0	92	Z5.573.2556.0	96	Z7.258.1425.0	282
Z5.570.8156.0	98	Z5.571.8856.0	92	Z5.573.2656.0	96	Z7.258.1525.0	282
Z5.570.8556.0	92	Z5.571.9056.0	98	Z5.573.2756.0	96	Z7.258.1625.0	282
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Z5.570.8756.0	92	Z5.572.0556.0	96	Z5.573.3556.0	96	Z7.258.1825.0	282
Z5.570.8856.0	92	Z5.572.0656.0	96	Z5.573.3656.0	96	Z7.258.1925.0	282
Z5.570.9056.0	98	Z5.572.0756.0	96	Z5.573.3756.0	96	Z7.258.2025.0	282
Z5.570.9156.0	98	Z5.572.0856.0	96	Z5.573.3856.0	96	Z7.280.4227.0	31
Z5.571.0056.0	90	Z5.572.1556.0	96	Z5.573.4556.0	96	Z7.280.4327.0	31
Z5.571.0156.0	90	Z5.572.1656.0	96	Z5.573.4656.0	96	Z7.409.7056.0	281
Z5.571.0256.0	90	Z5.572.1756.0	96	Z5.573.4756.0	96	Z7.409.7156.0	281
Z5.571.0356.0	90	Z5.572.1856.0	96	Z5.573.4856.0	96	Z7.409.7256.0	281
Z5.571.0556.0	94	Z5.572.2556.0	96	Z5.573.5556.0	96	Z7.409.7356.0	281
Z5.571.0656.0	94	Z5.572.2656.0	96	Z5.573.5656.0	96	Z7.409.8756.0	278
Z5.571.0756.0	94	Z5.572.2756.0	96	Z5.573.5756.0	96	Z7.409.8856.0	278
Z5.571.0856.0	94	Z5.572.2856.0	96	Z5.573.5856.0	96	Z7.409.8956.0	278
Z5.571.1056.0	90	Z5.572.3556.0	96	Z5.573.6556.0	96	Z7.415.0010.0	103
Z5.571.1156.0	90	Z5.572.3656.0	96	Z5.573.6656.0	96	Z7.415.0110.0	103
Z5.571.1256.0	90	Z5.572.3756.0	96	Z5.573.6756.0	96	Z7.415.0235.0	103
Z5.571.1356.0	90	Z5.572.3856.0	96	Z5.573.6856.0	96	Z7.415.0335.0	103
Z5.571.1556.0	94	Z5.572.4556.0	96	Z5.573.7556.0	96	Z7.415.0810.0	103
Z5.571.1656.0	94	Z5.572.4656.0	96	Z5.573.7656.0	96	Z7.415.0910.0	103
Z5.571.1756.0	94	Z5.572.4756.0	96	Z5.573.7756.0	96	Z7.415.1035.0	103
Z5.571.1856.0	94	Z5.572.4856.0	96	Z5.573.7856.0	96	Z7.415.1135.0	103
Z5.571.2056.0	90	Z5.572.5556.0	96	Z5.573.8056.0	100	Z7.415.1610.0	103
Z5.571.2156.0	90	Z5.572.5656.0	96	Z5.573.8156.0	100	Z7.415.1710.0	103
Z5.571.2256.0	90	Z5.572.5756.0	96	Z5.573.8356.0	100	Z7.415.1810.0	103
Z5.571.2356.0	90	Z5.572.5856.0	96	Z5.573.8456.0	100	Z7.415.1935.0	103
Z5.571.2556.0	94	Z5.572.6556.0	96	Z5.573.8656.0	100	Z7.415.2035.0	103
Z5.571.2656.0	94	Z5.572.6656.0	96	Z5.573.8756.0	100	Z7.415.2135.0	103
Z5.571.2756.0	94	Z5.572.6756.0	96	Z5.573.8956.0	100	Z7.415.2410.0	103
Z5.571.2856.0	94	Z5.572.6856.0	96	Z5.573.9056.0	100	Z7.415.2510.0	103
Z5.571.3056.0	90	Z5.572.7556.0	96	Z5.573.9156.0	100	Z7.415.2635.0	103
Z5.571.3156.0	90	Z5.572.7656.0	96	Z5.573.9256.0	100	Z7.415.2735.0	103
Z5.571.3256.0	90	Z5.572.7756.0	96	Z5.573.9356.0	100	Z7.415.3210.0	103
Z5.571.3356.0	90	Z5.572.7856.0	96	Z5.573.9456.0	100	Z7.415.3335.0	103
Z5.571.3556.0	94	Z5.572.8056.0	100	Z5.573.9556.0	100	Z7.415.3410.0	103
Z5.571.3656.0	94	Z5.572.8156.0	100	Z5.573.9656.0	100	Z7.415.3535.0	103
Z5.571.3756.0	94	Z5.572.8356.0	100	Z5.573.9756.0	100	Z7.416.1556.0	278
Z5.571.3856.0	94	Z5.572.8456.0	100	Z5.573.9856.0	100	Z7.416.1656.0	278
Z5.571.4056.0	92	Z5.572.8656.0	100	Z5.574.0053.0	264	Z7.416.1756.0	278
Z5.571.4156.0	92	Z5.572.8756.0	100	Z5.574.0153.0	264	Z7.416.1856.0	278
Z5.571.4256.0	92	Z5.572.8956.0	100	Z5.574.0653.0	264	Z7.419.6128.0	280
Z5.571.4356.0	92	Z5.572.9056.0	100	Z5.574.1053.0	264	Z7.419.6228.0	280
Z5.571.5056.0	92	Z5.572.9156.0	100	Z5.574.1253.0	264	Z7.427.8053.0	278
Z5.571.5156.0	92	Z5.572.9256.0	100	Z5.574.1653.0	264	Z7.427.8153.0	278
Z5.571.5256.0	92	Z5.572.9356.0	100	Z5.574.2453.0	264	Z7.427.8253.0	278
Z5.571.5356.0	92	Z5.572.9456.0	100	Z7.256.0227.0	282	Z7.427.8353.0	278
Z5.571.6056.0	98	Z5.572.9556.0	100	Z7.256.0327.0	282	Z7.428.1110.0	279
Z5.571.6156.0	98	Z5.572.9656.0	100	Z7.256.0427.0	282	Z7.428.1119.0	279
Z5.571.6556.0	92	Z5.572.9756.0	100	Z7.256.0527.0	282	Z7.428.1153.0	279
Z5.571.6656.0	92	Z5.572.9856.0	100	Z7.256.0627.0	282	Z7.428.1210.0	279
Z5.571.6756.0	92	Z5.573.0556.0	96	Z7.256.0727.0	282	Z7.428.1219.0	279
Z5.571.6856.0	92	Z5.573.0656.0	96	Z7.256.0827.0	282	Z7.428.1253.0	279

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Z7.428.5753.0	279
Z7.429.0153.0	278
Z7.429.0253.0	278
Z7.429.0353.0	278
Z7.429.0453.0	278
Z7.429.0553.0	278
Z7.429.0653.0	278
Z7.429.0753.0	278

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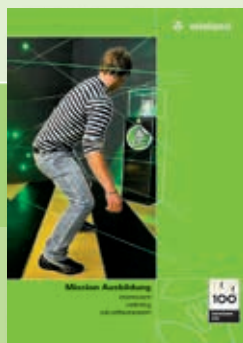
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