



revos

# SOLID CONNECTION

Industrial multipole connectors for use in especially tough environment conditions.

# HELLO WIELAND ELECTRIC

Over 100 years of safe connections.

As the inventor of safe electrical connection technology,  
we are committed to individual and safe system solutions.

Together with our broad product portfolio we offer comprehensive services for industry applications as well as building installation and lighting technology. This experience amounts to Wieland being the global market leader for pluggable, electrical installations in commercial buildings and a dependable partner for machine safety. Our solutions are designed for the secure safety of your team, ensuring that integration of our system is fast and easy while saving time and cost. Thanks to our modular solutions your requirements can be satisfied in a fast, flexible and fail-safe way.

We operate worldwide with subsidiaries, production facilities and sales partners and have an excellent global network. Our specialist teams are supporting customers and projects across the globe - personally and individually. Our competences in engineering, production and logistics processes are interlinked with each other for maximum efficiency.

We look forward to exploring all partnership opportunities with you.



**1910**

founded in  
Bamberg



**1600+**

employees  
worldwide



**6**

production  
sites



**70+**

countries  
worldwide



# OUR **SECTOR KNOWLEDGE.**

We have developed special industry knowledge in a wide variety of specialized fields. This forms the basis of our successful solutions.



Machine and system construction



Building installation



Heating, ventilation and air conditioning systems



Light technology



Combustion technology



Conveying technology



Wind energy and Photovoltaic



Lifts and escalators

# OUR **SOLUTIONS RANGE**

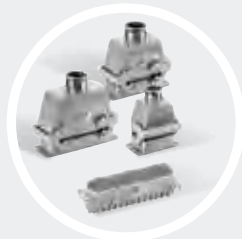
for machine building and plant engineering.



podis® – Power bus system installed safely and decentralized with high IP rating



RST® – Round connectors offer highest reliability with IP 69 rating



revos – Industrial connectors for reliable power and signal distribution



fasis + selos – Terminal blocks for the perfect fit in small spaces



Components and solutions for the safety of machines and plants



wiecon® – extensive portfolio of pluggable connectors for circuit boards



wipos power supply and wienet switches allow for an industrial network and data technology



wienet – Router, Gateways and Cloud Services for a reliable communication all over the world

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## 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.

### **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  $\varnothing$  1.6 mm, which offer a connection range from 0.14 to 2.5 mm<sup>2</sup> 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.

### **revos** POWER



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

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

### **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 90-109.



**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 114–115.

**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 118–192.

You will find **revos** BASIC M-housings on pages 194–209.

**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 210–223.

**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 88–89.

You will find **revos** Ex-housings on pages 224–243.

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 page 86.

**revos** MOT

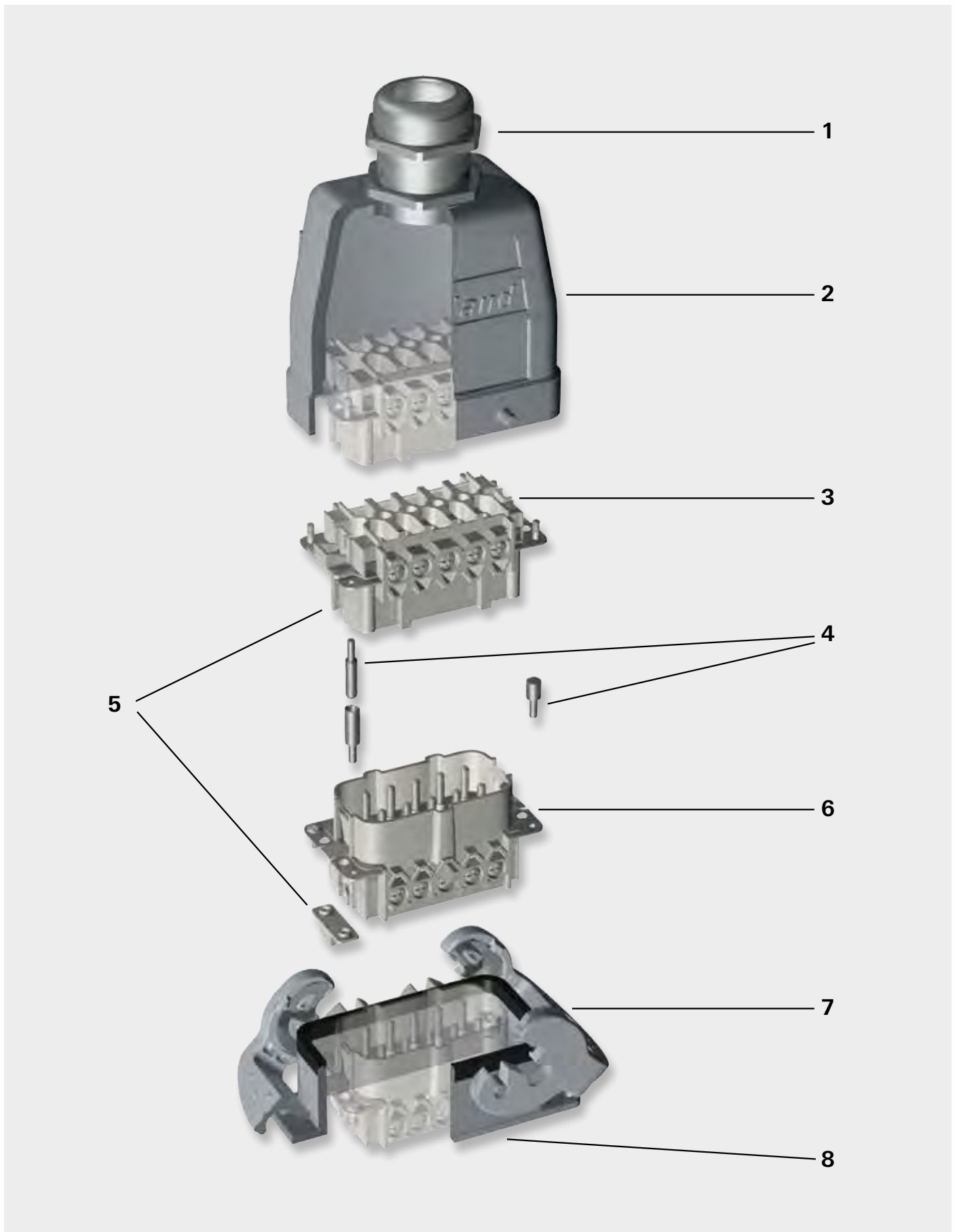


**revos** MOT plug connectors with plastic housings, simple and easy handling due to its unique latching system.

You will find **revos** MOT products on pages 110–111.



# 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"

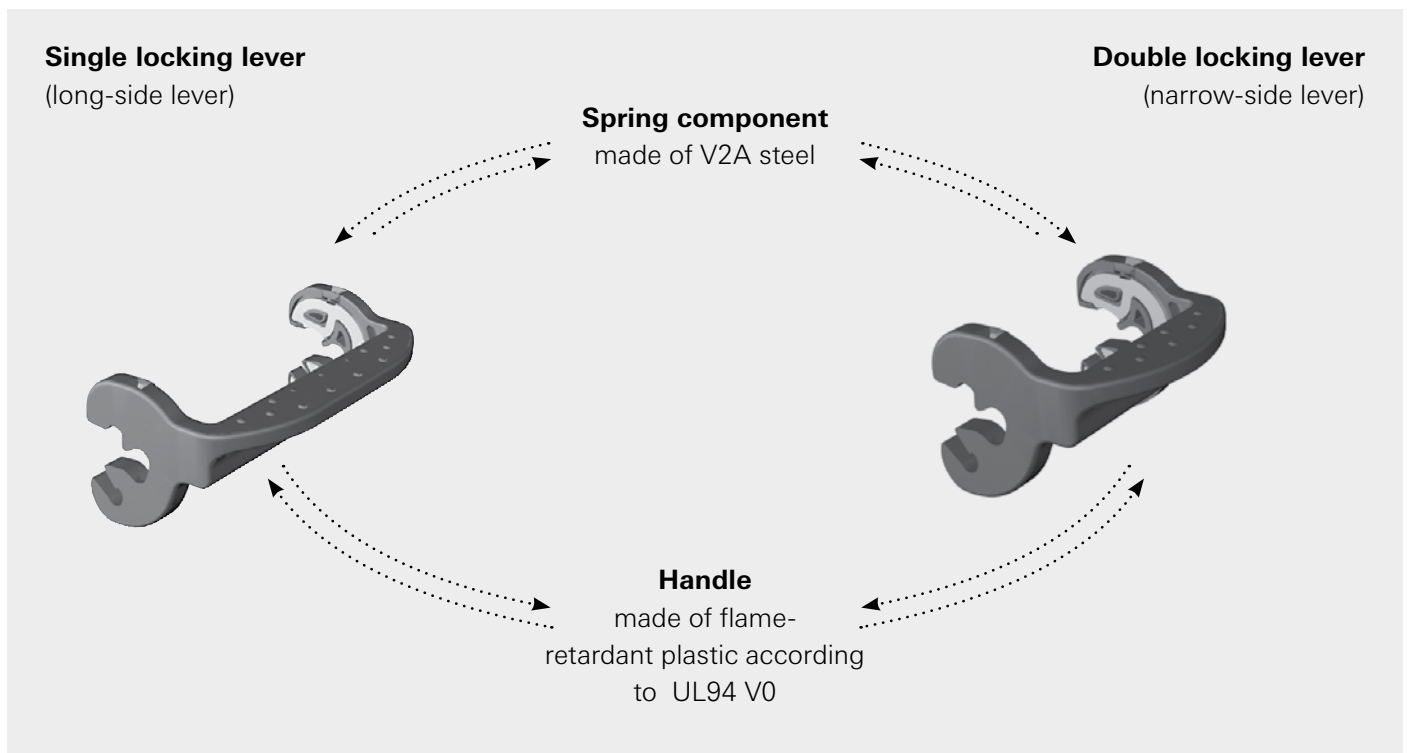
## The locking mechanism of the **revos** BASIC industrial multipole connectors

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

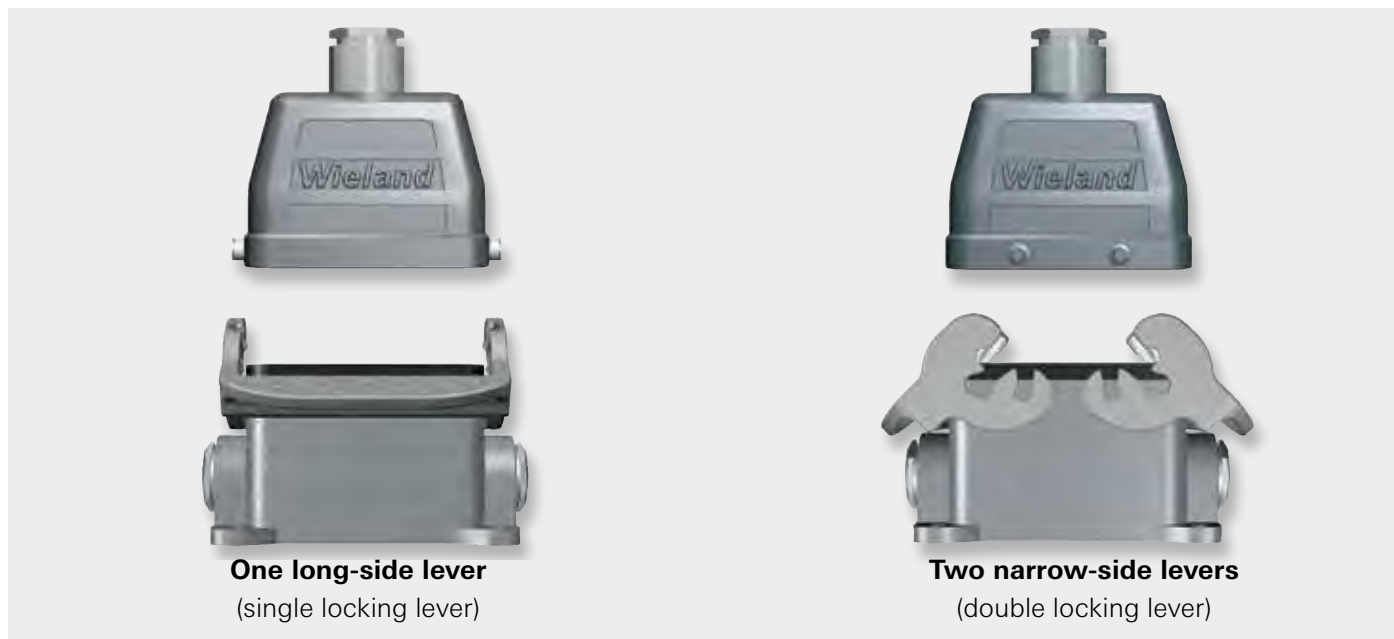




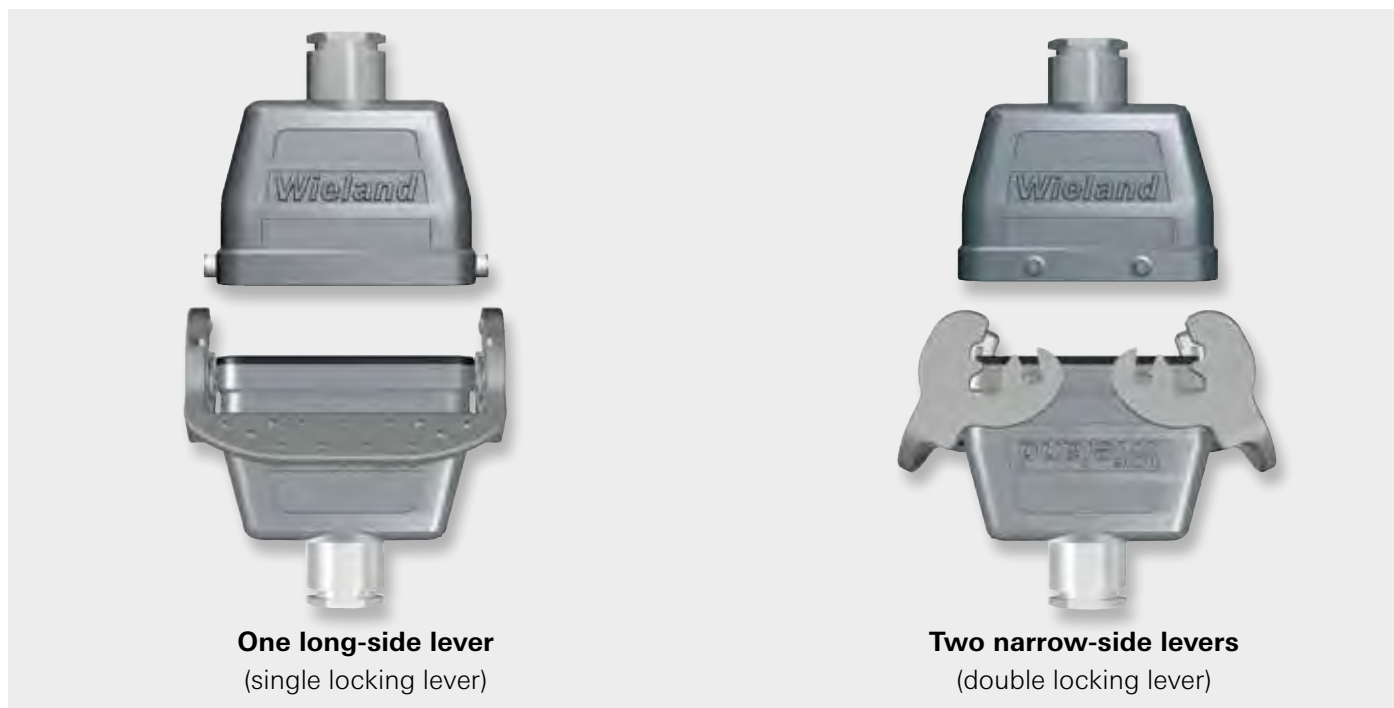
In general we distinguish levers on the hood and levers on the base, as well as single locking levers (on the long side) and double locking levers (on the narrow side).

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

**The following lock types are available:**

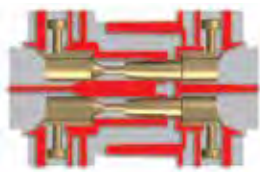


**Connectors for cable-to-cable couplings:**



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

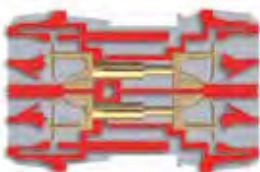


### **Screw connection technology:**

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.

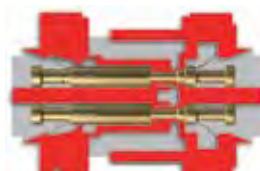
When ferrules are used they must be crimped to the wire by means of a special positively driven crimping tool.

### **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.

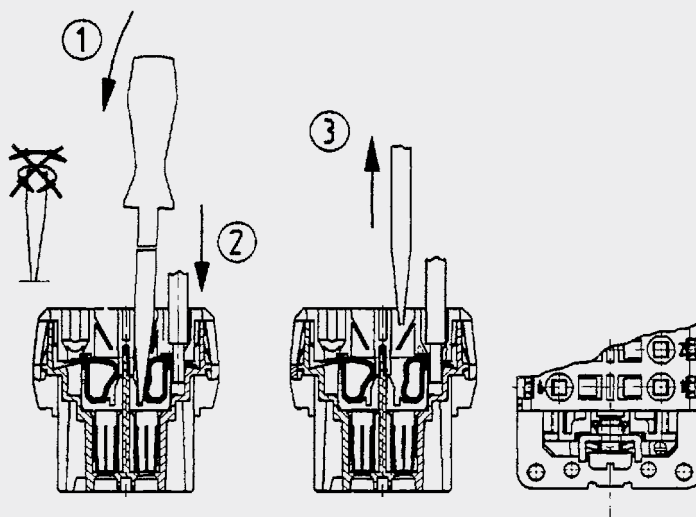
The contact point can be delivered with or without wire protection. Clamping bodies with wire protection do not require any preparation of the wires. Clamping bodies without wire protection require appropriate preparation of the wires in case fine-stranded wires are used.

**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):

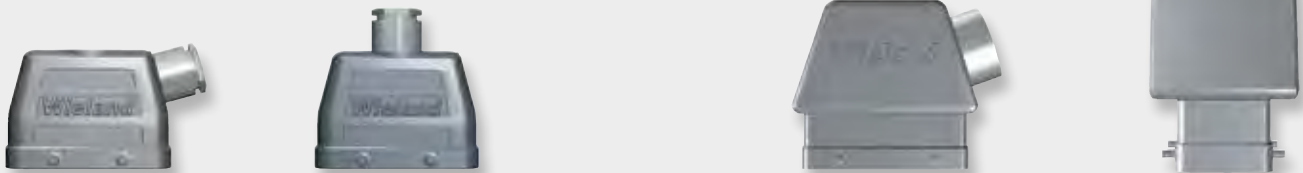
- GB 6, 10, 16, 24, 48
- GB 6H, 10H, 16H, 24H

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  $\Delta$  increased height design; XL  $\Delta$  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.

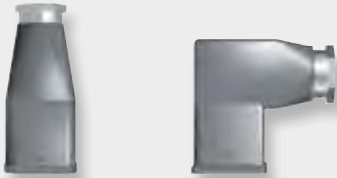
For an assignment of the contact inserts to the housing sizes see page 20-23 as well as the product matrix on page 24-25.



# Housing series *revos* MINI and *revos*

## *revos* MINI

### Hoods



### Bases



## *revos*

### Hoods



### Bases



Size (GB):

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




















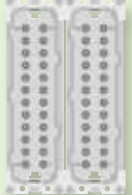
Coupling housings

Bases are also available with a protective cover!










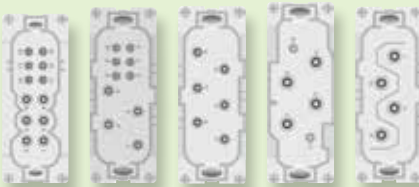
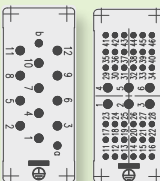






# Contact inserts

## 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				






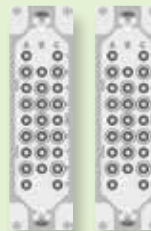






DD 250 V / 10 A	HD 250 V / 10 A	POWER 230-690 V / 16-100 A		FLEX 100 - 1000 V / 4 - 82 A	Size
 <p>24 + ground</p>				 <p>2 Modules</p>	<p>6/ 6H</p>
 <p>42 + ground</p>		 <p>8/24 + ground</p>		 <p>3 Modules</p>	<p>10/ 10H</p>
 <p>72 + ground</p>	 <p>40 + ground</p>	 <p>6/6 + ground    4/6 + ground   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

# 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	<b>Pneumatic</b> 1-pole 10 bar – Ø 2.5/4 mm	<b>Pneumatic</b> 2-pole 10 bar – Ø 2.5/4 mm		
Bus systems				Special modules		
<b>USB</b> 4-pole 30 V/1 A Screw	<b>Profibus</b> 4-pole 30 V/1 A Screw	<b>Ethernet</b> 8 plus 4-pole 30 V/1 A / 400 V/10 A Crimp/optical fiber	<b>TWIN BUS</b> 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
<b>BASIC</b> 	Aluminum die cast	Standard housings	6	Single	118	122
			10	Single	126	130
				Double	134–136	140
			16	Single	144	160
				Double	152–154	176
			24	Single	164	168
				Double	172–174	180
			32	Double	184	185
			48	Single	186	188
			Increased height design	6H	Single	120
		10H		Single	128	132
				Double	138	142
		16H		Single	146	162
				Double	156–158	178
		24H		Single	166	170
			Double	176–178	182	
		large wiring space	16XL	Double	159	
			24XL	Double	195	
		EMC housings	6/6H	Single	190	191
			10/10H	Double	190	191
16/16H	Double		190	191		
24	Double		190	191		
Motor conn. hous.	10	Single		192		
<b>BASIC M</b> 		Increased environmental requirements	6	Single	194	196
			10	Single	198	200
			16	Single	202	204
			24	Single	206	208
<b>HD</b> 	Aluminum die cast	250 V	10/15	Single	210	212
			16/25	Single	214	216
			32/50	Double	218, 220	222
<b>MINI</b> 	Polyamide Die cast zinc alloy	Plastic Metal	3	Single	114	115
			3	Single	114, 116	115, 117
 	Die cast zinc alloy	90 V	6 	Single	224	226
			10 	Double	228	230
			16 	Double	232	234
			24 	Double	236	238
			48 	Single	240	242
<b>MOT</b> 	Polyamide	690 V	10 + ground	Push-Pull	110	110
<b>FLEX COMPACT</b> 		1M	1 M	Single	108	108

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



### Contact inserts

Wiring technique

S = screw F = spring clamp C = crimp L = optical fiber P = push-in

	<b>BASIC</b> 500 V 16 A	<b>BASIC EE</b> 500 V 16 A	<b>BASIC</b> 400V/690V 16 A	<b>BASIC</b> 690 V 16 A	<b>BASIC</b> 830 V 16 A	<b>HD 40/64</b> 250 V 10 A	<b>POWER</b> 230-690 V 16-100 A	<b>FLEX</b> 100-1000 V 4-150 A	<b>DD</b> 250 V 16 A	<b>HD 10/16//32</b> 250 V 16 A	<b>HD 15/25</b> 250 V 10 A	<b>MINI</b> 50-400 V 10 A	<b>Ex</b> 90 V 16 A	<b>MOT</b> 690 V 16 A
	S / F C / P	C	S	S / C	F	C	S / C	F / C S / L	C	S	C	S	S	C
	32-41	42-43	52-53	54-57	58-59	66-67	70-85	90-107	60-61	62-63	64-65	28-31	88-89	111
	•	•	•	•	•			◦	◦					
	•	•	•	•	•			◦	◦					
	•	•	•	•	•			◦	◦					
	•	•	•	•	•	◦		◦	◦					
	•	•	•	•	•	◦		◦	◦					
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◦ = usable subject to restrictions  
• = usable without any restrictions





## **revos** contact inserts offer many possibilities

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

**revos**<sup>MINI</sup> - 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**<sup>BASIC</sup> 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<sup>MINI</sup>**

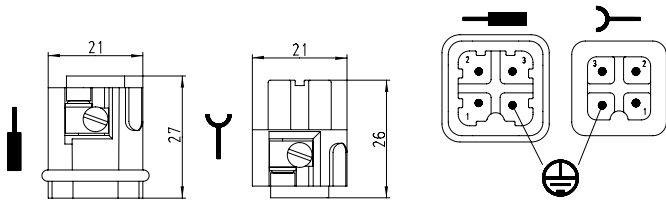
**3-pole + ground**

**4-pole + ground**

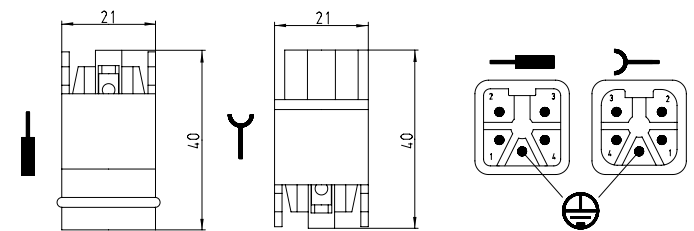
Description	Type	Part No.	P.U.
<b>Contact inserts revos<sup>MINI</sup></b>			
Male insert	<b>3-pole + ground</b> MIN STS 3 2,5 40	73.310.0353.0	10
Female insert	MIN BUS 3 2,5 40	73.300.0353.0	10
<b>Contact inserts revos<sup>MINI</sup></b>			
Male insert	<b>4-pole + ground</b> MIN STS 4 2,5 40 AG	73.310.0453.0	10
Female insert	MIN BUS 4 2,5 40 AG	73.300.0453.0	10
<b>Technical data</b>			
<b>Rated voltage</b>		<b>3-pole + ground</b>	<b>4-pole + ground</b>
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		
<b>Rated impulse voltage</b>			
Plastic housing	4 kV		
Metal housing	4 kV		
Rated current	10 A		
Degree of pollution	3		
<b>Rated cross section</b>			
EN 60999	0.5 – 2.5 mm <sup>2</sup>		
UL	18 – 16 AWG	22 – 12 AWG	
CSA	22 – 12 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Sn	Ag	
Insulation strip length	4 mm		
Contact resistance	≤ 2 mΩ	≤ 1.5 mΩ	
Mating cycles	50	200	
<b>Screws</b> 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		
<b>Housing revos<sup>MINI</sup></b>			Page 114–117

## Dimensions

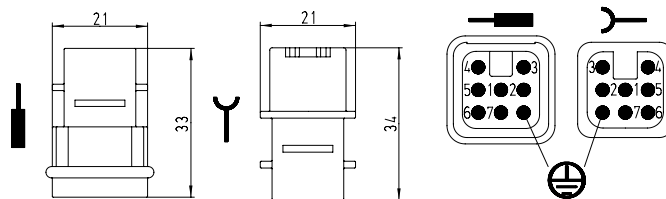
### 3-pole + ground



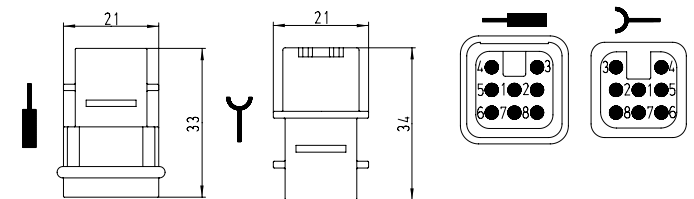
### 4-pole + ground



### 7-pole + ground



### 8-pole





# Contact inserts

## Contact inserts *revos* MINI



### 7-pole + ground



### 8-pole

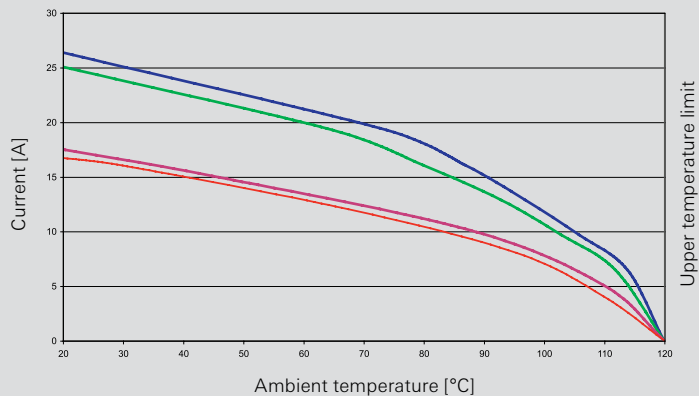


Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> MINI</b>			
<b>7-pole + ground</b>			
Male insert without crimp contacts	MIN STC 7 25	73.710.0753.0	10
Female insert without crimp contacts	MIN BUC 7 25	73.700.0753.0	10
<b>Contact inserts <i>revos</i> MINI</b>			
<b>8-pole</b>			
Male insert 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
<b>Contacts for crimp version</b>			
	mm <sup>2</sup> / 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
<b>Technical data</b>		<b>7-pole + ground</b>	<b>8-pole</b>
<b>Rated voltage</b>			
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 (Metal housing 42 V)		42 V
<b>Rated impulse voltage</b>			
Plastic housing	4 kV		0.8 kV
Metal housing	0.8 kV		
Rated current	10 A		
Degree of pollution	3		
<b>Rated cross section</b>			
EN 60999	0.2 – 1.5 mm <sup>2</sup>		
UL	18 – 16 AWG		
CSA	24 – 16 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Au or SN		
Insulation strip length	4 mm		
Contact resistance	4 mΩ		
Mating cycles	Sn 50 / Au 500		
<b>Screws</b>		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.
<b>Accessories</b>			
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
<b>Housing <i>revos</i> MINI</b>		Page 114–117	

### Derating curve according to IEC 60512 sec. 3

*revos* MINI  
10 A / 2.5 mm<sup>2</sup> / 1.5 mm<sup>2</sup>

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





# Contact inserts

## Contact inserts *revos* MINI



### 5-pole + ground



Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> MINI</b>			
<b>5-pole + ground</b>			
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
<b>Contacts for crimp version</b>			
	mm <sup>2</sup> / AWG, turned ø 2.5 mm		
Male insert	0.5 / 20	05.543.70xx.0	200
Female insert	0.5 / 20	02.123.70xx.0	200
Male insert	0.75 - 1 / 18	05.543.71xx.0	200
Female insert	0.75 - 1 / 18	02.123.71xx.0	200
Male insert	1.5 / 16	05.543.72xx.0	200
Female insert	1.5 / 16	02.123.72xx.0	200
Male insert	2.5 / 14	05.543.73xx.0	200
Female insert	2.5 / 14	02.123.73xx.0	200
Male insert	4 / 12	05.543.74xx.0	200
Female insert	4 / 12	02.123.74xx.0	200
Surface	silver-plated xx = 02 / gold-plated xx = 01		

### Technical data

#### Rated voltage

Installed in a plastic housing L-PE 250 V / L-L 400 V

Installed in a metal housing L-PE 250 V / L-L 400 V

Rated voltage according to UL/CSA 600 V

#### Rated impulse voltage

Plastic housing 6 kV

Metal housing 6 kV

Rated current 16 A

Degree of pollution 3

#### Rated cross section

EN 60999 0.5 - 4 mm<sup>2</sup>, ground: 2.5 mm<sup>2</sup>

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

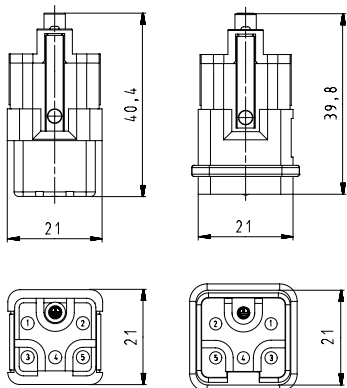
Description	Type	Part No.	P.U.
<b>Accessories</b>			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"3"	05.502.3300.0	1
Extraction tool		05.502.3500.0	1

### Housing *revos* MINI

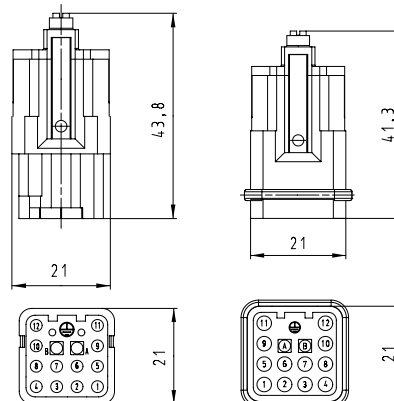
Page 114-117

## 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. 114)

Description	Type	Part No.	P.U.
<b>Contact inserts revos MINI</b>			
<b>12-pole + ground</b>			
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
<b>Contacts for crimp version</b>			
	mm <sup>2</sup> / AWG, turned ø 1.6 mm		
Male insert	0.14 – 0.37 / 26 – 22	05.544.4129.x	100
Female insert	0.14 – 0.37 / 26 – 22	02.125.4129.x	100
Male insert	0.5 / 20	05.544.4229.x	100
Female insert	0.5 / 20	02.125.4229.x	100
Male insert	0.75 – 1.0 / 18	05.544.4329.x	100
Female insert	0.75 – 1.0 / 18	02.125.4329.x	100
Male insert	1.5 / 16	05.544.4429.x	100
Female insert	1.5 / 16	02.125.4429.x	100
Male insert	2.5 / 14	05.544.4529.x	100
Female insert	2.5 / 14	02.125.4529.x	100
Surface	silver-plated x = 8 / gold-plated x = 7		

Description	Type	Part No.	P.U.
<b>LWL POF Contacts Ø 1,6</b>			
Male insert		02.125.2421.0	5
Female insert		05.544.8121.0	5

<b>Technical data</b>	
<b>Rated voltage</b>	
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
<b>Rated impulse voltage</b>	
Plastic housing	4 kV
Metal housing	4 kV
Rated current	10 A (UL/CSA 14 A)
Degree of pollution	3
<b>Rated cross section</b>	
EN 60999	0.14 – 2.5 mm <sup>2</sup> , ground: 2.5 mm <sup>2</sup>
UL	24 - 12 AWG
CSA	24 - 12 AWG
<b>Contacts</b>	
Material	Copper alloy
Surface	Au or Ag
Mating cycles	200
<b>Screws</b>	
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

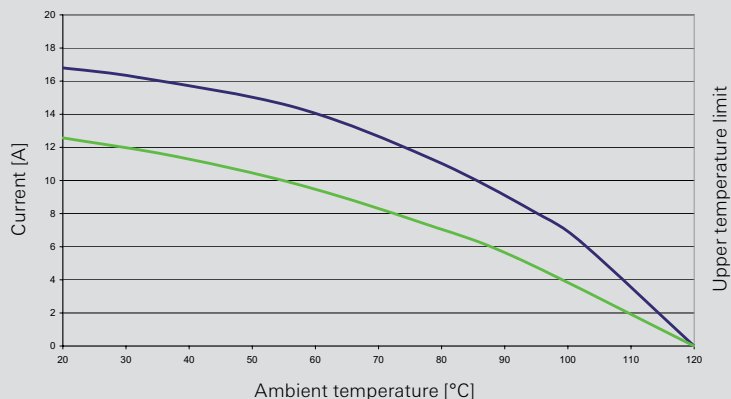
Description	Type	Part No.	P.U.
<b>Accessories</b>			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"1"	05.502.3100.0	1
Extraction tool		05.502.0710.0	1
Set of tools for optical fiber POF contacts		95.101.2000.0	1
Coding piece	MIN KOD 12	05.568.0353.0	20
Star jumper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

**Housing revos MINI** Page 114-117

## Derating curve according to IEC 60512 sec. 3

revos MINI wire size 1.5 mm<sup>2</sup>

- 5-pole
- 12-pole





# 500 V contact inserts, screw connection

## Contact inserts revos BASIC



### 6-pole + ground Size 6



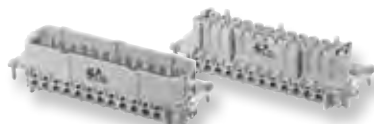
### 10-pole + ground Size 10



### 16-pole + ground Size 16



### 24-pole + ground Size 24



### 32-pole + ground Size 32



### 48-pole + ground Size 48



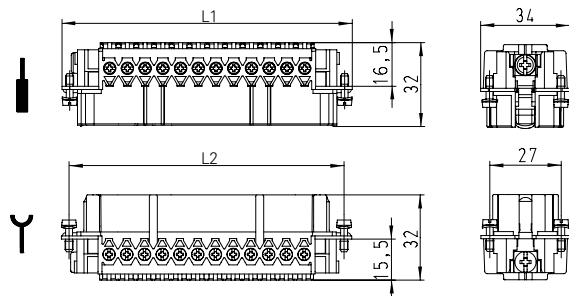
Description	Type	Part No.	P.U.
<b>Contact inserts revos BASIC 500 V</b>			
<b>6-pole + ground</b>			
Male insert with wire protection, Sn	BAS STS 6 2,5 50	70.310.0640.0	10
Male insert with wire protection, Ag	BAS STS 6 2,5 50 AG	70.310.0602.0	10
Male insert with wire protection, Au	BAS STS 6 2,5 50 AU	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
<b>Contact inserts revos BASIC 500 V</b>			
<b>10-pole + ground</b>			
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
<b>Contact inserts revos BASIC 500 V</b>			
<b>16-pole + ground</b>			
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
<b>Contact inserts revos BASIC 500 V</b>			
<b>24-pole + ground</b>			
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
<b>Contact inserts revos BASIC 500 V</b>			
<b>32-pole + ground</b>			
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
<b>Contact inserts revos BASIC 500 V</b>			
<b>48-pole + ground</b>			
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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	0,5 – 2,5 mm <sup>2</sup>		
UL	20 – 12 AWG		
CSA	20 – 12 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Sn, Ag, Au		
Insulation strip length	7 mm		
Contact resistance	≤ 1,5 mΩ		
Mating cycles	Sn 200 / Ag, Au 500		
<b>Screws</b>			
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		
<b>Temperature range</b>	-40 ... +120 °C		
<b>Housing revos BASIC / revos BASIC M</b>			
Size	Type	Page	
Size	6/6H	118–125, 190–191, 194, 196	
Size	10/10H	126–143, 190–192, 198, 200	
Size	16/16H	144–163, 190–191, 202, 204	
Size	24/24H	164–183, 190–191, 206, 208	
Size	32	184–185	
Size	48	186–189	

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



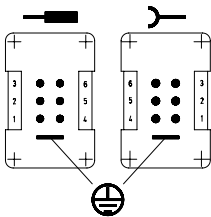
# Dimensions

## 6-pole + ground – 24-pole + ground

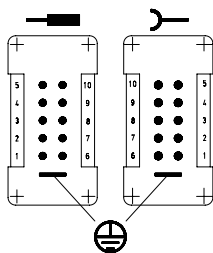


Number of poles	L1 [mm]	L2 [mm]
6	50.5	44.0
10	63.0	57.0
16	83.0	77.5
24	110.8	104.0

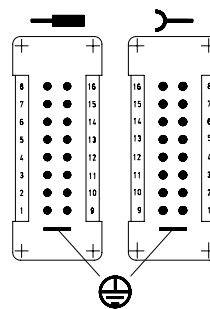
### 6-pole + ground



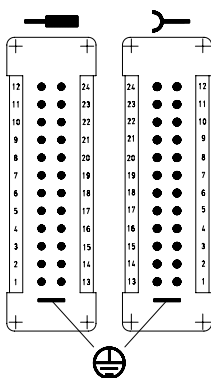
### 10-pole + ground



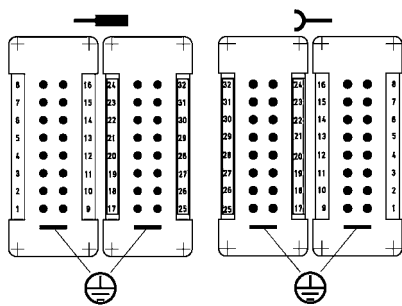
### 16-pole + ground



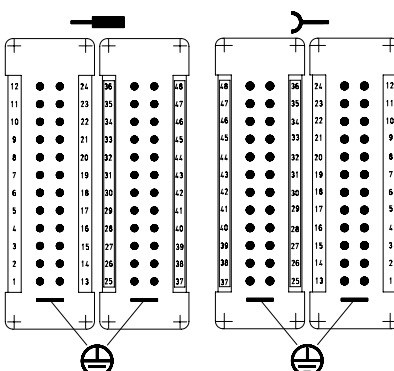
### 24-pole + ground



### 32-pole + ground



### 48-pole + ground



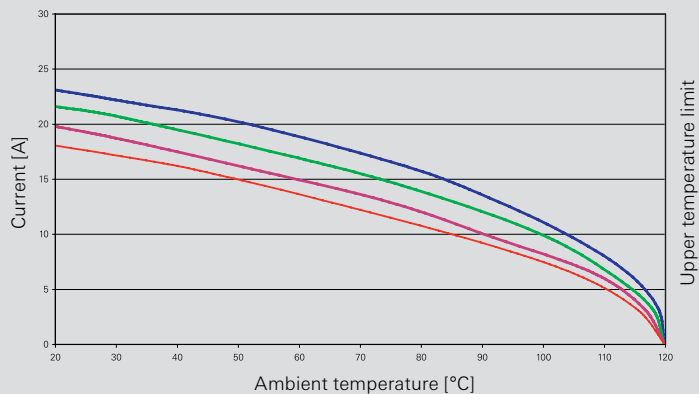
### Derating curve

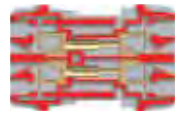
according to IEC 60512 sec. 3

revos<sup>BASIC</sup>

Screw version 500V / 16 A / 2.5 mm<sup>2</sup>

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





# 500 V contact inserts, spring clamp connection

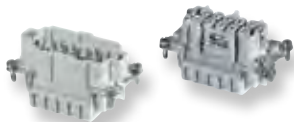
## Contact inserts *revos* BASIC



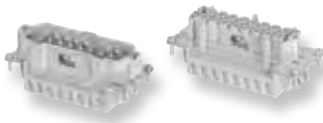
### 6-pole + ground Size 6



### 10-pole + ground Size 10



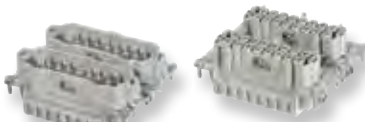
### 16-pole + ground Size 16



### 24-pole + ground Size 24



### 32-pole + ground Size 32



### 48-pole + ground Size 48



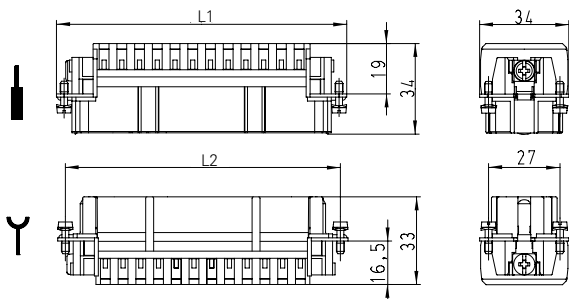
Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>6-pole + ground</b>			
Male insert	BAS STF 6 2,5 50	70.510.0653.0	10
Female insert	BAS BUF 6 2,5 50	70.500.0653.0	10
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>10-pole + ground</b>			
Male insert	BAS STF 10 2,5 50	70.510.1053.0	10
Female insert	BAS BUF 10 2,5 50	70.500.1053.0	10
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>16-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>24-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>32-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>48-pole + ground</b>			
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

<b>Technical data</b>	
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
<b>Rated cross section</b>	
EN 60999	0.14 – 2.5 mm <sup>2</sup>
UL	26 – 12 AWG
CSA	26 – 12 AWG
<b>Contacts</b>	
Material	Copper alloy
Surface	Ag
Insulation strip length	7 mm
Contact resistance	≤ 3 mΩ
Mating cycles	500
<b>Screws</b>	
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.
<b>Accessories</b>			
Screwdriver blade	DIN 5264 A 0,6 x 3,5	06.502.4000.0	5
<b>Housing <i>revos</i> BASIC / <i>revos</i> BASIC M</b>			
Type		Page	
Size	6/6H	118–125, 190–191, 194, 196	
Size	10/10H	126–143, 190–192, 198, 200	
Size	16/16H	144–163, 190–191, 202, 204	
Size	24/24H	164–183, 190–191, 206, 208	
Size	32	184–185	
Size	48	186–189	

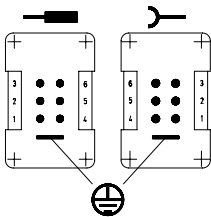
# Dimensions

## 6-pole + ground – 24-pole + ground

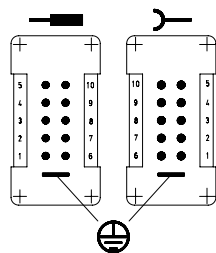


Number of poles	L1 [mm]	L2 [mm]
6	50.0	44.0
10	63.0	57.0
16	83.0	77.5
24	110.0	104.0

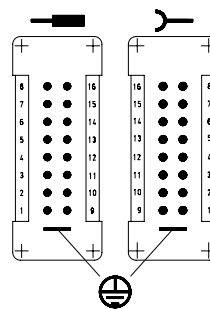
### 6-pole + ground



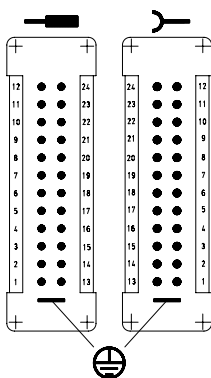
### 10-pole + ground



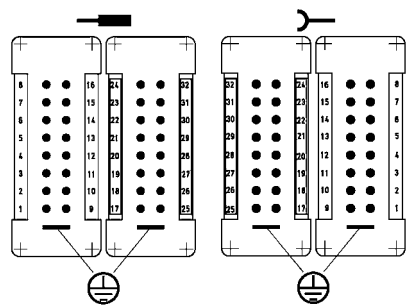
### 16-pole + ground



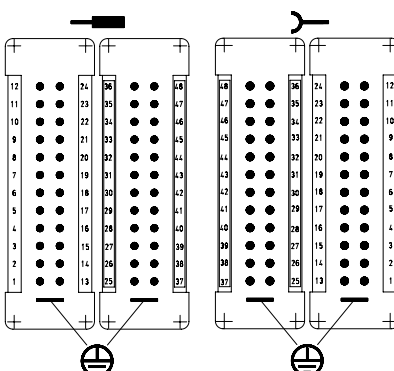
### 24-pole + ground



### 32-pole + ground

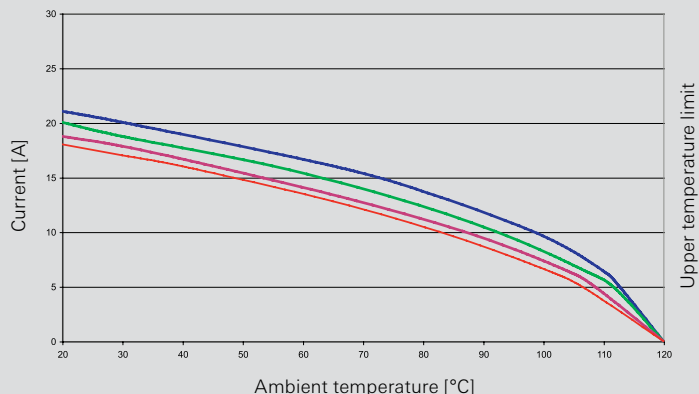


### 48-pole + ground

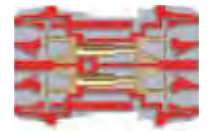


**Derating curve**  
 according to IEC 60512 sec. 3  
 revos<sup>BASIC</sup>  
 Spring version  
 500V / 16 A / 2.5 mm<sup>2</sup>

- 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



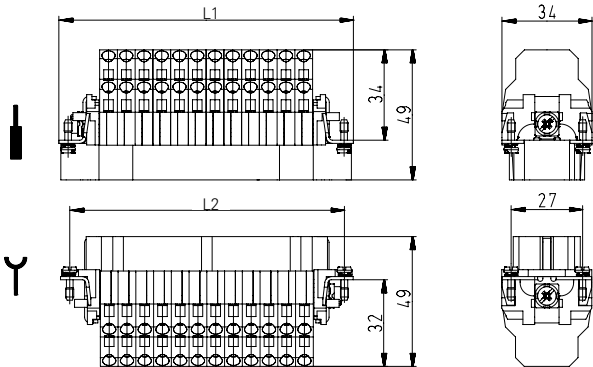
Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>6-pole + ground</b>			
Male insert	BAS STM 6 2,5 50 AG	70.512.0653.0	1
Female insert	BAS BUM 6 2,5 50 AG	70.502.0653.0	1
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>10-pole + ground</b>			
Male insert	BAS STM 10 2,5 50 AG	70.512.1053.0	1
Female insert	BAS BUM 10 2,5 50 AG	70.502.1053.0	1
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>16-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>24-pole + ground</b>			
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	
<b>Rated voltage</b>	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
<b>Rated cross section</b>	
EN 60999	0.14 – 2.5 mm <sup>2</sup>
UL	26 – 14 AWG
CSA	26 – 14 AWG
<b>Contacts</b>	
Material	Copper alloy
Surface	Ag
Insulation strip length	9 – 11 mm
Contact resistance	≤ 3 mΩ
Mating cycles	500
<b>Screws</b> 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.
<b>Accessories</b>			
Screwdriver blade	DIN 5264 A 0,6 x 3,5	06.502.4000.0	5
<b>Housing <i>revos</i> BASIC</b>			
Size	6H	120–121, 124–125, 190–191	
Size	10H	128, 132, 138, 142, 190–191	
Size	16H	146, 150, 156, 158, 159, 162, 190–191	
Size	24H	166, 170, 176, 178, 179, 182	

# Dimensions

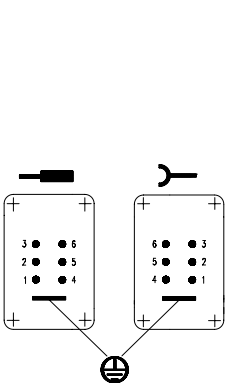
## 6-pole + ground – 24-pole + ground



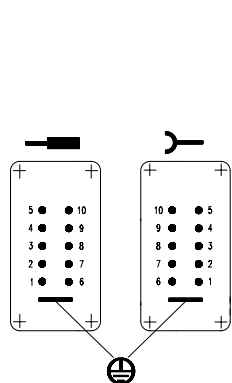
Number of poles	L1 [mm]	L2 [mm]
6	44.0	44.0
10	64.0	57.0
16	84.5	77.5
24	111.0	104.0



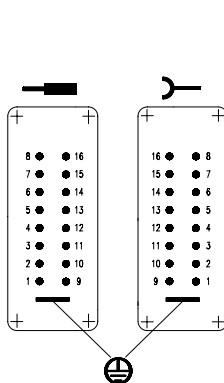
### 6-pole + ground



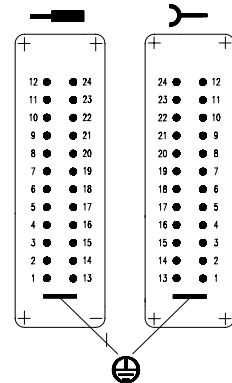
### 10-pole + ground



### 16-pole + ground



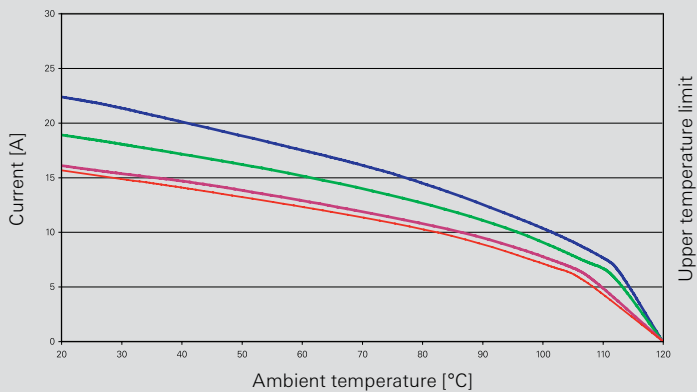
### 24-pole + ground



### Derating curve according to IEC 60512 sec. 3

revos BASIC  
Spring version with double connection  
500V / 16 A / 2.5 mm<sup>2</sup>

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



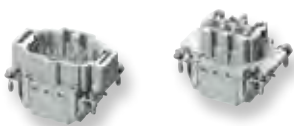


# 500 V contact inserts with push-in connection

## 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.
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>6-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>10-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>16-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>24-pole + ground</b>			
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

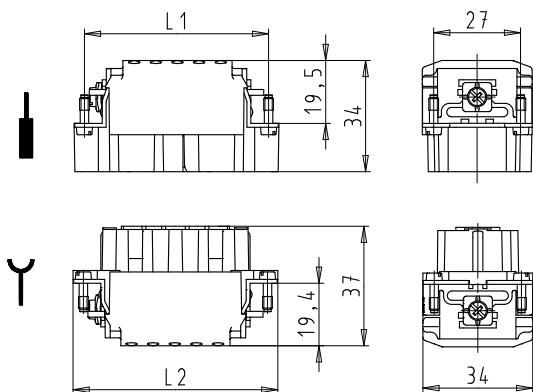
Technical data	
Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A (UL, CSA 13 A)
Degree of pollution	3
Rated cross section	
EN 60999	0.14 – 2.5 mm <sup>2</sup>
C-ULrec-US	14 AWG
Can be used with solid wires and flexible wires with wire end sleeves	
Contacts	
Material	Copper alloy
Surface	Ag
Insulation strip length	8 – 10 mm
Contact resistance	≤ 5 mΩ
Mating cycles	500
Screws	
head design / recomm. 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.
<b>Accessories</b>			
Test plug	ST 2 / 2,3 ROT	Z5.553.2921.0	10
<b>Housing <i>revos</i> BASIC / <i>revos</i> BASIC M</b>			
		Type	Page
Size	6/6H	118–125, 190–191, 194, 196	
Size	10/10H	126–143, 190–192, 198, 200	
Size	16/16H	144–163, 190–191, 202, 204	
Size	24/24H	164–183, 190–191, 206, 208	

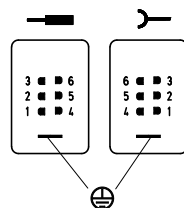


# Dimensions

## 6-polig + PE – 24-polig + PE

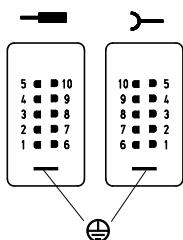


## 6-pole + ground

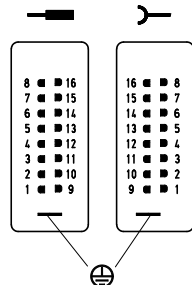


Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.4
16	77.1	83.5
24	104.0	110.3

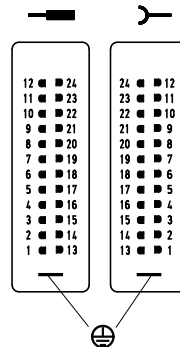
## 10-pole + ground



## 16-pole + ground



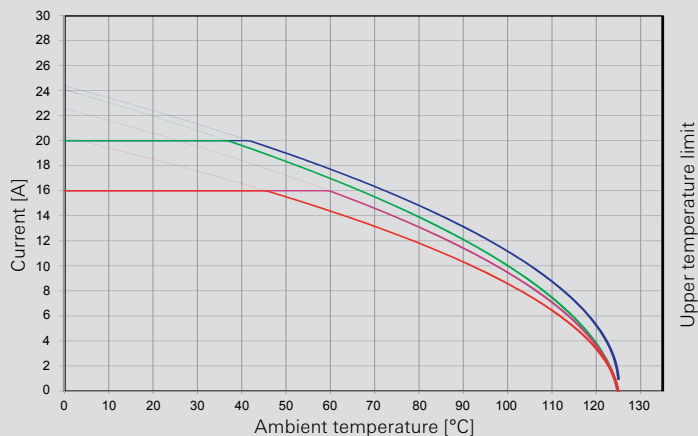
## 24-pole + ground



### Derating curve according to IEC 60512 sec. 3

revos<sup>BASIC</sup>  
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



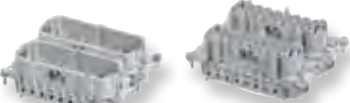
### 16-pole + ground Size 16



### 24-pole + ground Size 24



### 32-pole + ground Size 32



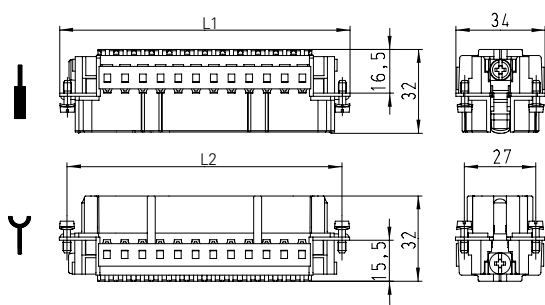
### 48-pole + ground Size 48



Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>6-pole + ground</b>			
Male insert	BAS STC 6 50	70.710.0658.0	10
Female insert	BAS BUC 6 50	70.700.0658.0	10
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>10-pole + ground</b>			
Male insert	BAS STC 10 50	70.710.1058.0	10
Female insert	BAS BUC 10 50	70.700.1058.0	10
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>16-pole + ground</b>			
Male insert	BAS STC 16 50	70.710.1658.0	10
Female insert	BAS BUC 16 50	70.700.1658.0	10
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>24-pole + ground</b>			
Male insert	BAS STC 24 50	70.710.2458.0	10
Female insert	BAS BUC 24 50	70.700.2458.0	10
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>32-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> BASIC 500 V</b>			
<b>48-pole + ground</b>			
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
<b>Contacts for crimp connection</b>			
	mm <sup>2</sup> / 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		
<b>Technical data</b>			
<b>Rated voltage</b>	500 V		
Rated voltage according to UL/CSA	600 V		
Rated impulse voltage	6 kV		
Rated current	16 A		
Degree of pollution	3		
<b>Rated cross section</b>			
EN 60999	0.5 – 4 mm <sup>2</sup>		
UL	20 – 12 AWG		
CSA	20 – 12 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Sn, Ag, Au		
Insulation strip length	7 mm		
Contact resistance	≤ 1,5 mΩ		
Mating cycles	Sn 200 / Ag, Au 500		
<b>Screws</b>			
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.
<b>Accessories</b>			
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
<b>Housing <i>revos</i> BASIC / <i>revos</i> BASIC M</b>			
	Type	Page	
Size	6/6H	118–125, 190–191, 194, 196	
Size	10/10H	126–143, 190–192, 198, 200	
Size	16/16H	144–163, 190–191, 202, 204	
Size	24/24H	164–183, 190–191, 206, 208	
Size	32	184–185	
Size	48	186–189	

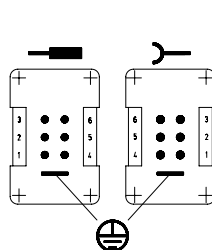
# Dimensions

## 6-pole + ground – 24-pole + ground

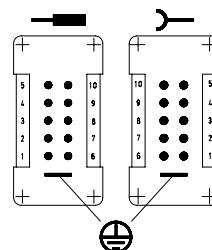


Number of poles	L1 [mm]	L2 [mm]
6	50.0	44.0
10	63.0	57.0
16	83.0	77.5
24	110.0	104.0

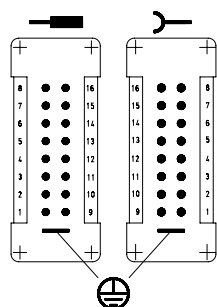
### 6-pole + ground



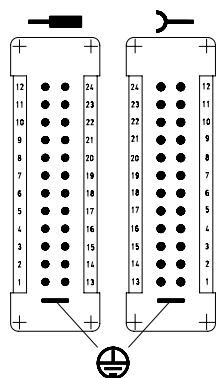
### 10-pole + ground



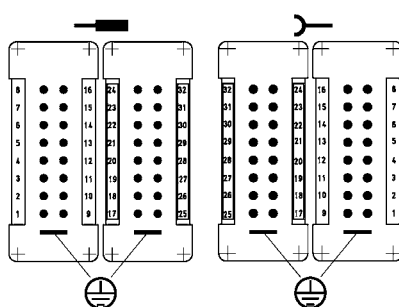
### 16-pole + ground



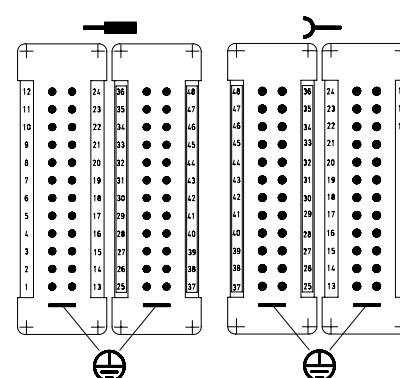
### 24-pole + ground



### 32-pole + ground

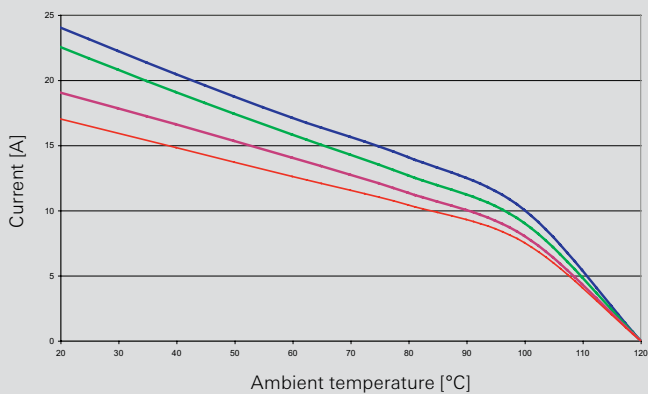


### 48-pole + ground



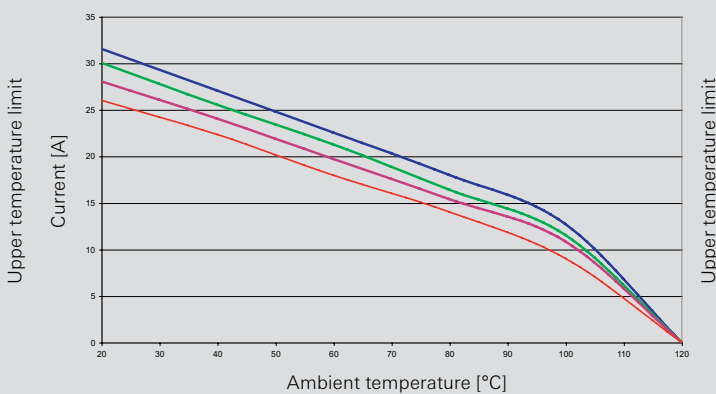
### Derating curve according to IEC 60512 sec. 3

revosBASIC crimp version 500V / 16 A / 1.5 mm<sup>2</sup>



### Derating curve according to IEC 60512 sec. 3

revosBASIC crimp version 500V / 16 A / 2.5 mm<sup>2</sup>



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

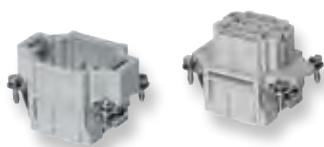


# 500 V contact inserts with crimp connection

## Contact inserts *revos* BASIC EE



### 10-pole + ground Size 6/6H



### 18-pole + ground Size 10/10H



### 32-pole + ground Size 16/16H



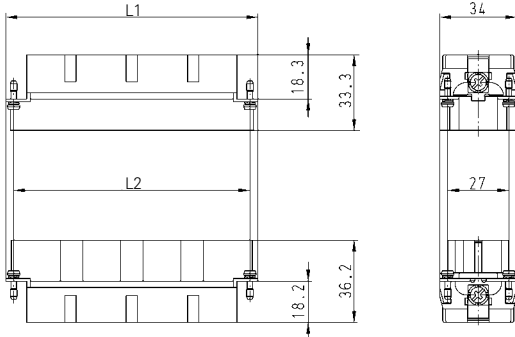
### 46-pole + ground Size 24/24H



Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> BASIC EE 500 V</b>			
Male insert	<b>10-pole + ground</b> BAS STCK 10 50	70.810.1056.0	5
Female insert	BAS BUCK 10 50	70.800.1056.0	5
<b>Contact inserts <i>revos</i> BASIC EE 500 V</b>			
Male insert	<b>18-pole + ground</b> BAS STCK 18 50	70.810.1856.0	5
Female insert	BAS BUCK 18 50	70.800.1856.0	5
<b>Contact inserts <i>revos</i> BASIC EE 500 V</b>			
Male insert	<b>32-pole + ground</b> BAS STCK 32 50	70.810.3256.0	5
Female insert	BAS BUCK 32 50	70.800.3256.0	5
<b>Contact inserts <i>revos</i> BASIC EE 500 V</b>			
Male insert	<b>46-pole + ground</b> BAS STCK 46 50	70.810.4656.0	10
Female insert	BAS BUCK 46 50	70.800.4656.0	10
<b>Contacts for crimp connection</b>			
	mm <sup>2</sup> / 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	
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	0.5 - 4 mm <sup>2</sup>		
UL	20 - 12 AWG		
CSA	20 - 12 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Ag, Au		
Insulation strip length	7 mm		
Contact resistance	≤ 1.5 mΩ		
Mating cycles	Sn 200 / Ag, Au 500		
<b>Screws</b>			
	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.
<b>Accessories</b>			
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
<b>Housing <i>revos</i> BASIC / <i>revos</i> BASIC M</b>			
	Type	Page	
Size	6/6H	118-125, 190-191, 194, 196	
Size	10/10H	126-143, 190-192, 198, 200	
Size	16/16H	144-163, 190-191, 202, 204	
Size	24/24H	164-183, 190-191, 206, 208	

# Dimensions

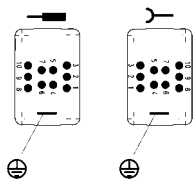
## 10-pole + ground – 46-pole + ground



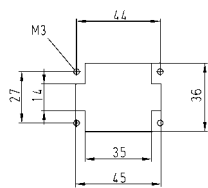
Number of poles	L1 [mm]	L2 [mm]
10	44.0	44.0
18	64.0	57.0
32	84.5	77.5
46	111.0	104.0

### 10-pole + ground

Connection side

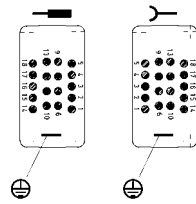


Cut-out

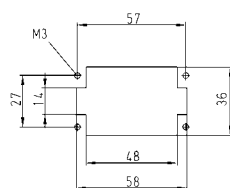


### 18-pole + ground

Connection side

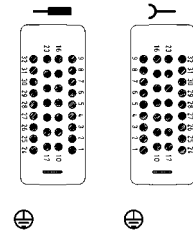


Cut-out

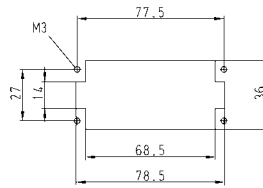


### 32-pole + ground

Connection side

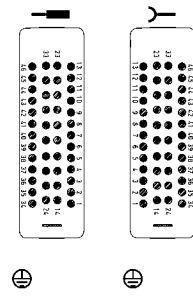


Cut-out

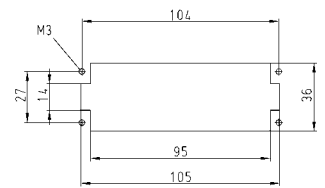


### 46-pole + ground

Connection side

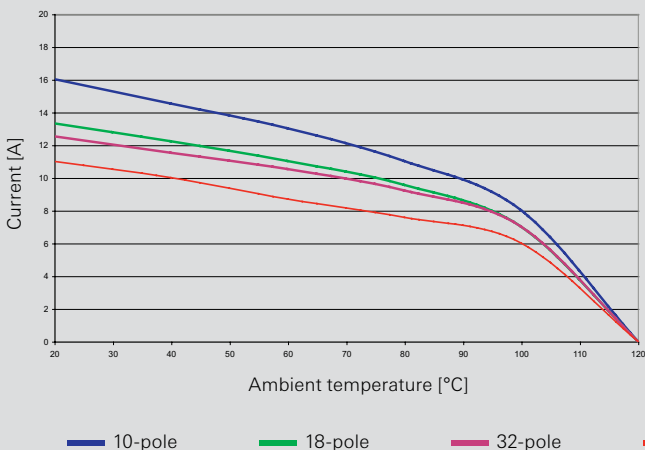


Cut-out



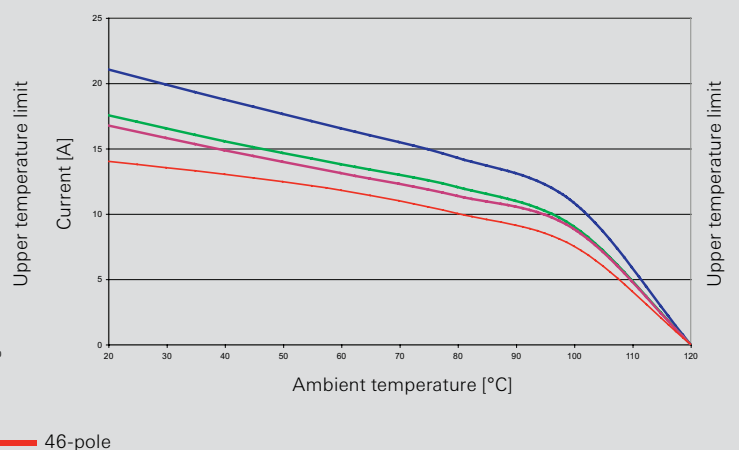
### Derating curve according to IEC 60512 sec. 3

revosBASIC EE 500V / 16 A / 1.5 mm<sup>2</sup>



### Derating curve according to IEC 60512 sec. 3

revosBASIC EE 500V / 16 A / 2.5 mm<sup>2</sup>





# 500 V multipole adapter with screw connection

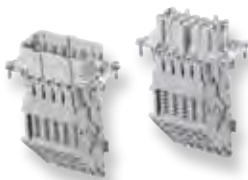
## Multipole adapter *revos* BASIC



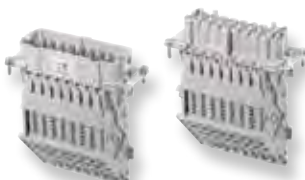
### 6-pole + ground Size 6



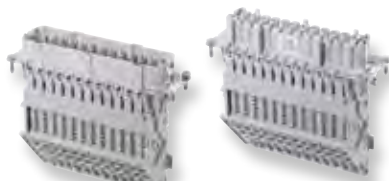
### 10-pole + ground Size 10



### 16-pole + ground Size 16



### 24-pole + ground Size 24

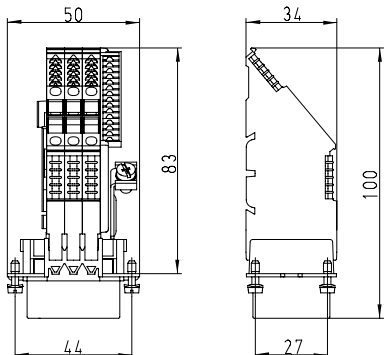


Description	Type	Part No.	P.U.
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>6-pole + ground</b>		
<b>Long design (6 marking fields)</b>			
Male insert, ground right	BAS SAS LR 6 4,0 50	70.115.0653.3	10
Female insert, ground right	BAS BAS LR 6 4,0 50	70.105.0653.3	10
Male insert, ground left	BAS 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
<b>Short design (4 marking fields)</b>			
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
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>10-pole + ground</b>		
<b>Long design (6 marking fields)</b>			
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
<b>Short design (4 marking fields)</b>			
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
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>16-pole + ground</b>		
<b>Long design (6 marking fields)</b>			
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
<b>Short design (4 marking fields)</b>			
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
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>24-pole + ground</b>		
<b>Long design (6 marking fields)</b>			
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
<b>Short design (4 marking fields)</b>			
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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	0.5 – 4 mm <sup>2</sup>		
UL	20 – 12 AWG		
CSA	20 – 12 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Sn		
Insulation strip length	12 mm		
Contact resistance	≤ 3 mΩ		
Mating cycles	200		
<b>Screws</b>			
	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		
<b>Open-bottom base <i>revos</i> BASIC</b>			
Type		Page	
Size	6	122, 196	
Size	10	130, 140, 200	
Size	16	148, 160, 204	
Size	24	168, 180, 208	

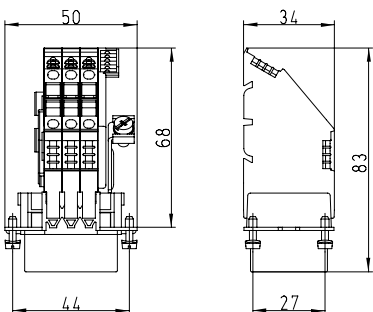


# Dimensions

## 6-pole + ground

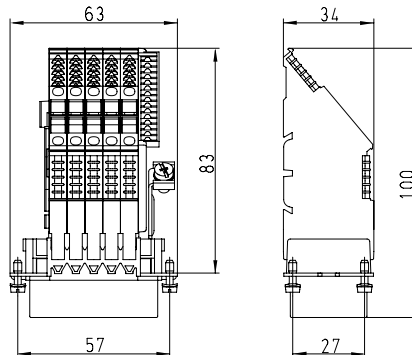


Long design

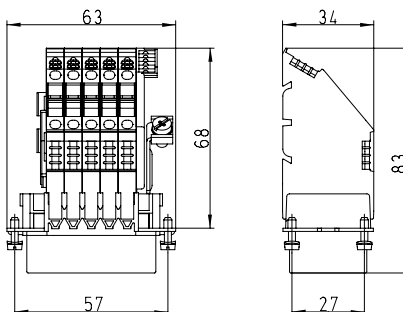


Short design

## 10-pole + ground

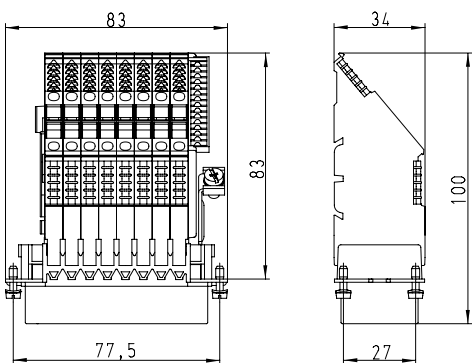


Long design

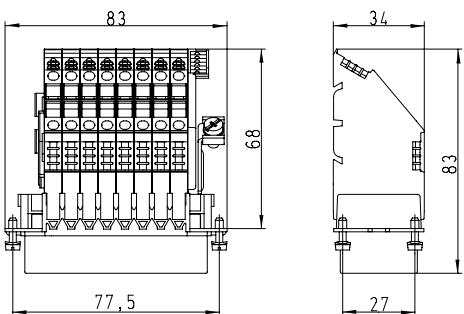


Short design

## 16-pole + ground

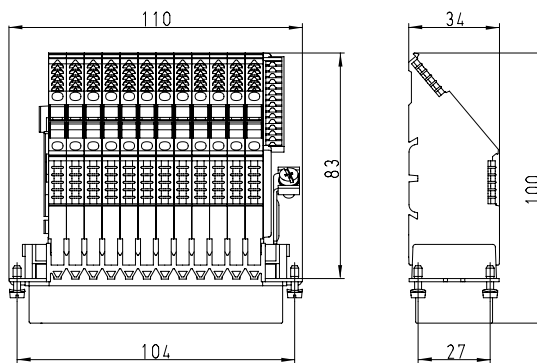


Long design

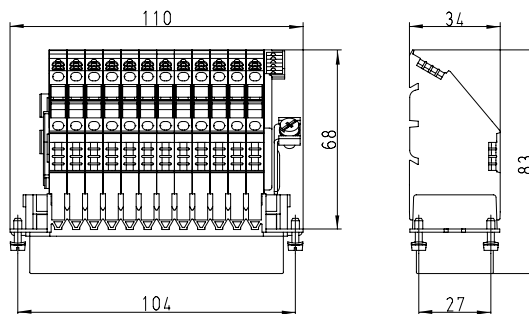


Short design

## 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



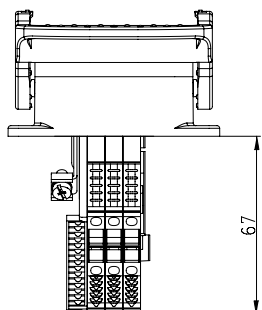
Description	Type	Part No.	P.U.
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>6-pole + ground</b>		
<b>Long design (6 marking fields)</b>			
Male insert, ground right	BAS GAESHRS 6 4,0 50	70.955.0653.3	10
Female insert, ground right	BAS GAESHRB 6 4,0 50	70.945.0653.3	10
Male insert, ground left	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
<b>Short design (4 marking fields)</b>			
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
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>10-pole + ground</b>		
<b>Long design (6 marking fields)</b>			
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
<b>Short design (4 marking fields)</b>			
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
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>16-pole + ground</b>		
<b>Long design (6 marking fields)</b>			
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
<b>Short design (4 marking fields)</b>			
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
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>24-pole + ground</b>		
<b>Long design (6 marking fields)</b>			
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
<b>Short design (4 marking fields)</b>			
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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	0.5 – 4 mm <sup>2</sup>		
UL	20 – 12 AWG		
CSA	20 – 12 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Sn		
Insulation strip length	12 mm		
Contact resistance	≤ 3 mΩ		
Mating cycles	200		
<b>Screws</b>			
	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.

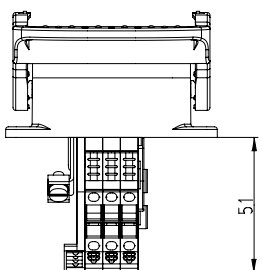
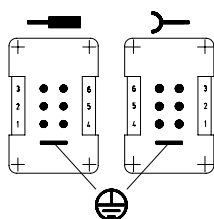
**Coding accessories can be found on page 252–255.**

# Dimensions

## 6-pole + ground

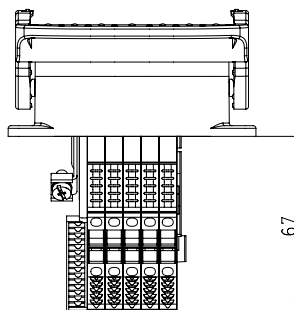


Long design

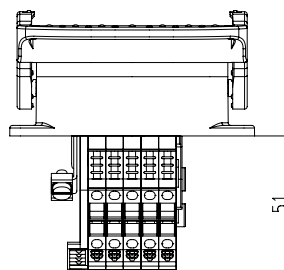
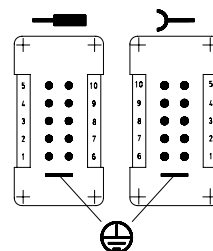


Short design

## 10-pole + ground

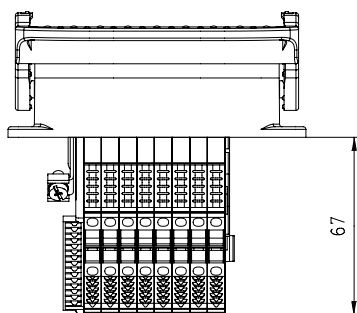


Long design

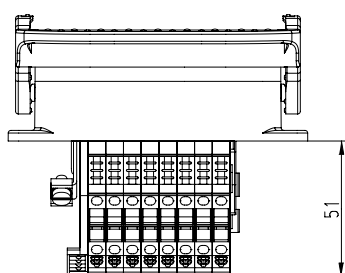
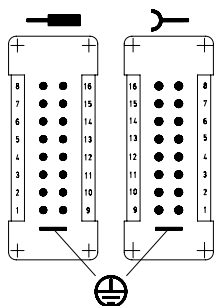


Short design

## 16-pole + ground

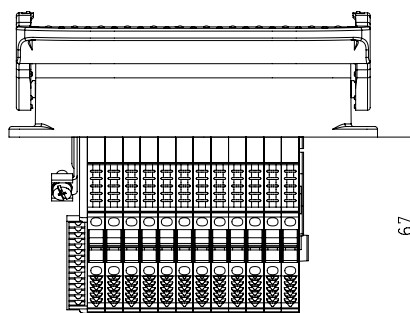


Long design

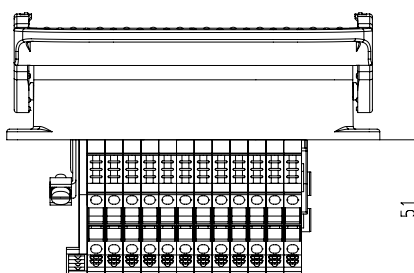
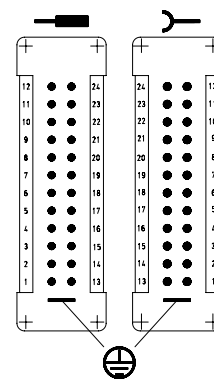


Short design

## 24-pole + ground



Long design



Short design

# 500 V multipole adapter with screw connection

## Sets of 2 components with Bottom base, Double locking lever



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



#### 10-pole + ground Size 10



#### 16-pole + ground Size 16



#### 24-pole + ground Size 24



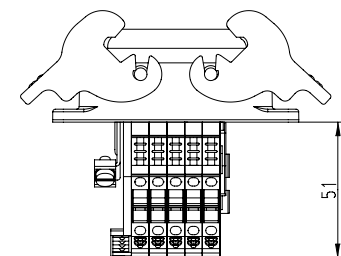
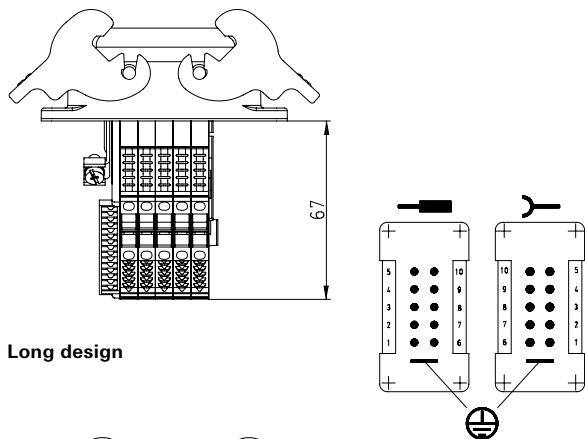
Description	Type	Part No.	P.U.
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>10-pole + ground</b>		
<b>Long design (6 marking fields)</b>			
Male insert, ground right	BAS GAZSHRS 10 4,0 50	70.955.1053.3	10
Female insert, ground right	BAS GAZSHRB 10 4,0 50	70.945.1053.3	10
Male insert, ground left	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
<b>Short design (4 marking fields)</b>			
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
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>16-pole + ground</b>		
<b>Long design (6 marking fields)</b>			
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
<b>Short design (4 marking fields)</b>			
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
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>24-pole + ground</b>		
<b>Long design (6 marking fields)</b>			
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
<b>Short design (4 marking fields)</b>			
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
<b>Technical data</b>			
<b>Rated voltage</b>	500 V		
Rated voltage according to UL/CSA	600 V		
<b>Rated impulse voltage</b>	6 kV		
<b>Rated current</b>	16 A		
<b>Degree of pollution</b>	3		
<b>Rated cross section</b>			
EN 60999	0.5 – 4 mm <sup>2</sup>		
UL	20 – 12 AWG		
CSA	20 – 12 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Sn		
Insulation strip length	12 mm		
Contact resistance	≤ 3 mΩ		
Mating cycles	200		
<b>Screws</b>	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.

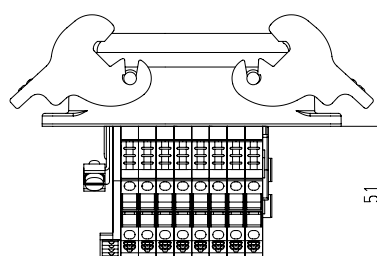
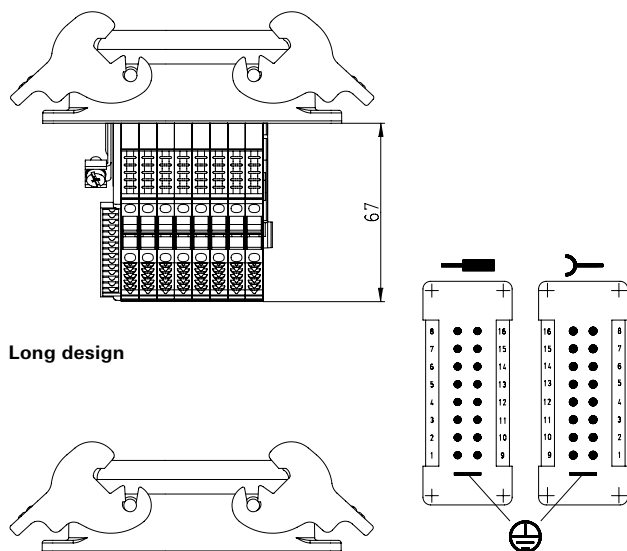
**Coding accessories can be found on page 252–255.**

# Dimensions

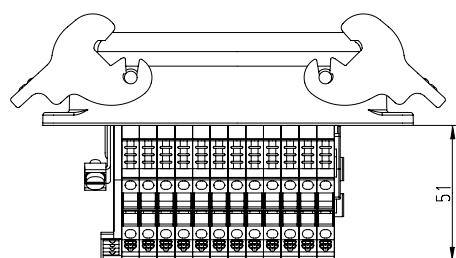
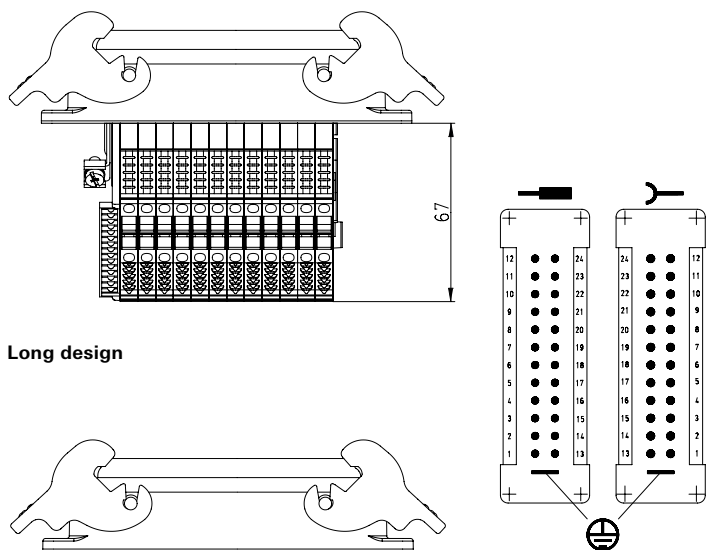
## 10-pole + ground



## 16-pole + ground

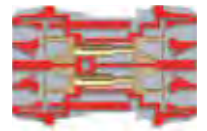


## 24-pole + ground



Short design

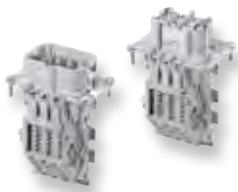
# 500 V multipole adapter with spring clamp connection



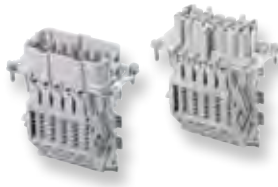
## Multipole adapter *revos* BASIC



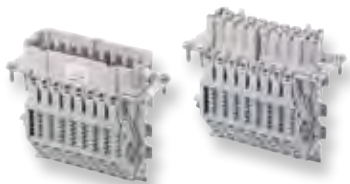
### 6-pole + ground Size 6



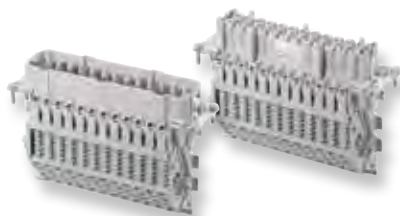
### 10-pole + ground Size 10



### 16-pole + ground Size 16



### 24-pole + ground Size 24

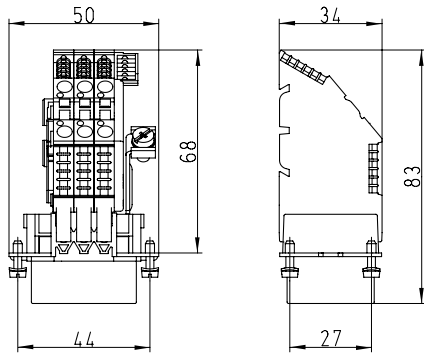


Description	Type	Part No.	P.U.
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>6-pole + ground</b>		
<b>Short design (6 marking fields)</b>			
Male insert, ground right	BAS SAF KR 6 2,5 50	70.116.0653.0	10
Female insert, ground right	BAS BAF KR 6 2,5 50	70.106.0653.0	10
Male insert, ground left	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
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>10-pole + ground</b>		
<b>Short design (6 marking fields)</b>			
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
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>16-pole + ground</b>		
<b>Short design (6 marking fields)</b>			
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
<b>Multipole adapter <i>revos</i> BASIC 500 V</b>	<b>24-pole + ground</b>		
<b>Short design (6 marking fields)</b>			
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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	0,5 – 2,5 mm <sup>2</sup>		
UL	20 – 12 AWG		
CSA	20 – 12 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Sn		
Insulation strip length	9 mm		
Contact resistance	≤ 3 mΩ		
Mating cycles	200		
<b>Screws</b> 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.
<b>Accessories</b>			
Screwdriver blade	DIN 5264 A 0,6 x 3,5	06.502.4000.0	5
<b>Open-bottom base <i>revos</i> BASIC</b>			
Type		Page	
Size 6		122, 196	
Size 10		130, 140, 200	
Size 16		148, 160, 204	
Size 24		168, 180, 208	

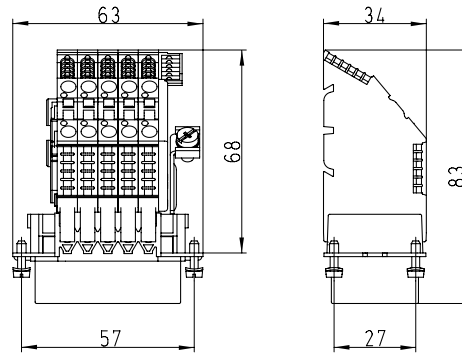


# Dimensions

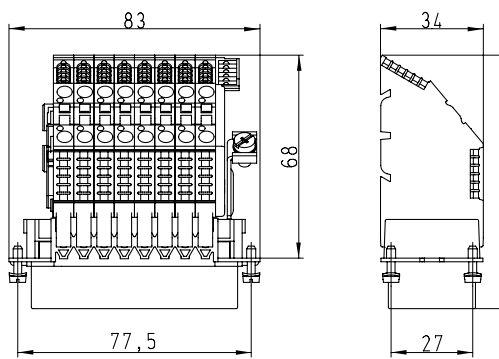
**6-pole + ground**



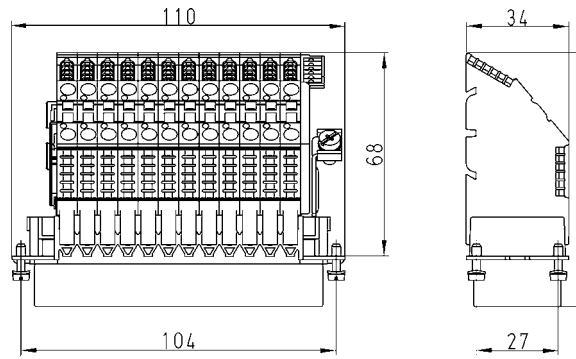
**10-pole + ground**



**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



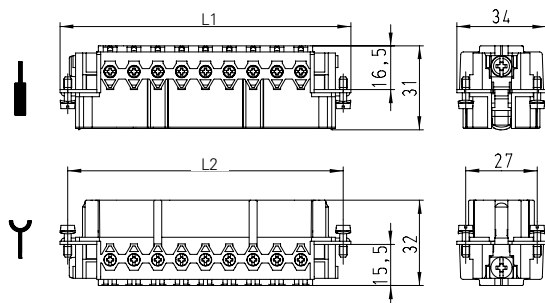
### 16-pole + 2 switching contacts + ground, Size 24



Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> BASIC 400/690 V</b>			
<b>3-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> BASIC 400/690 V</b>			
<b>6-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> BASIC 400/690 V</b>			
<b>10-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> BASIC 400/690 V</b>			
<b>16-pole + ground</b>			
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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	0.5 – 2.5 mm <sup>2</sup>		
UL	20 – 12 AWG		
CSA	20 – 12 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Sn		
Insulation strip length	7 mm		
Contact resistance	≤ 1.5 mΩ		
Mating cycles	200		
<b>Screws</b>			
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		
<b>Housing <i>revos</i> BASIC / <i>revos</i> BASIC M</b>			
		Type	Page
Housing Size	10/10H	118–125, 190–191, 194, 196	
Housing Size	16/16H	126–143, 190–192, 198, 200	
Housing Size	24/24H	144–163, 190–191, 202, 204	

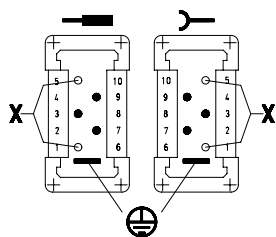
# Dimensions

## 3-pole + ground – 16-pole + ground

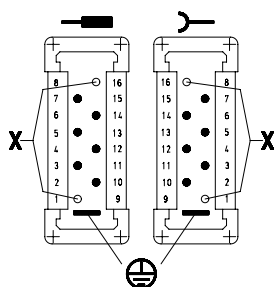


Number of poles	L1 [mm]	L2 [mm]
3	63.0	57.0
6	83.0	77.5
10	110.0	104.0
16	110.0	104.0

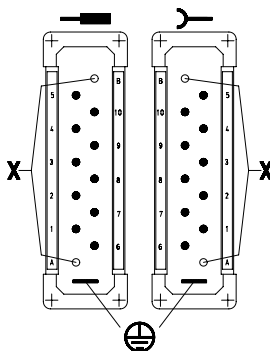
### 3-pole + ground



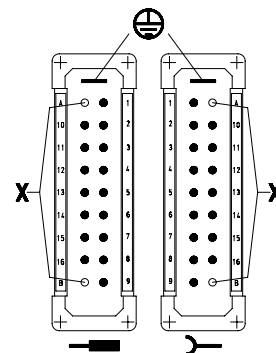
### 6-pole + ground



### 10-pole + ground



### 16-pole + ground

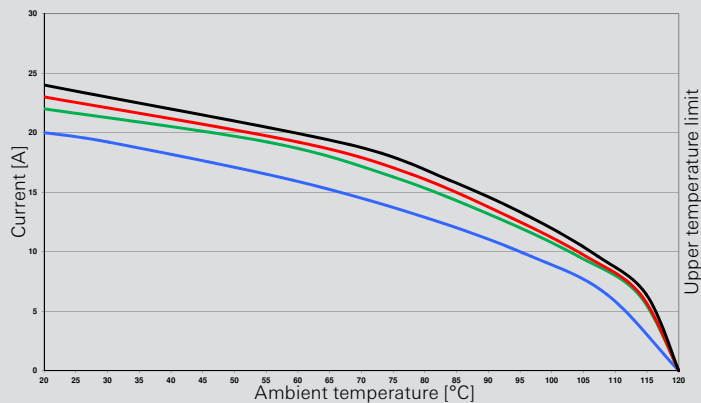


X = shortened switching contacts

### Derating curve according to IEC 60512 sec. 3

revos BASIC  
Screw version  
2.5 mm<sup>2</sup>

- 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



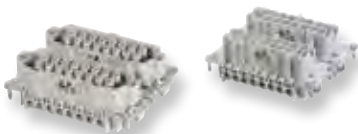
### 16-pole + ground Size 16



### 24-pole + ground Size 24



### 32-pole + ground Size 32



### 48-pole + ground Size 48



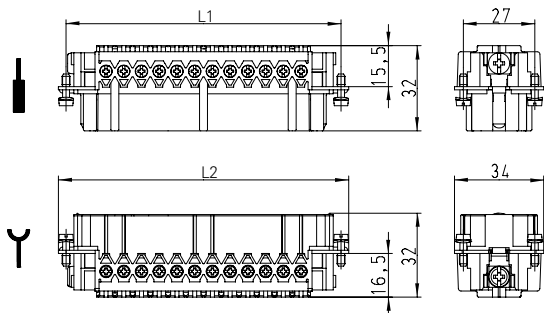
Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> BASIC 690 V</b>	<b>6-pole + ground</b>		
Male insert	BAS STS 6 2,5 69	72.310.0653.0	10
Female insert	BAS BUS 6 2,5 69	72.300.0653.0	10
<b>Contact inserts <i>revos</i> BASIC 690 V</b>	<b>10-pole + ground</b>		
Male insert	BAS STS 10 2,5 69	72.310.1053.0	10
Female insert	BAS BUS 10 2,5 69	72.300.1053.0	10
<b>Contact inserts <i>revos</i> BASIC 690 V</b>	<b>16-pole + ground</b>		
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
<b>Contact inserts <i>revos</i> BASIC 690 V</b>	<b>24-pole + ground</b>		
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
<b>Contact inserts <i>revos</i> BASIC 690 V</b>	<b>32-pole + ground</b>		
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
<b>Contact inserts <i>revos</i> BASIC 690 V</b>	<b>48-pole + ground</b>		
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 <sup>2</sup>
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	
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	118–125, 190–191, 194, 196
Size	10/10H	126–143, 190–192, 198, 200
Size	16/16H	144–163, 190–191, 202, 204
Size	24/24H	164–183, 190–191, 206, 208
Size	32	184–185
Size	48	186–189

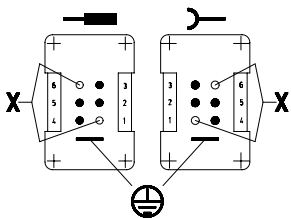
# Dimensions

## 6-pole + ground – 24-pole + ground

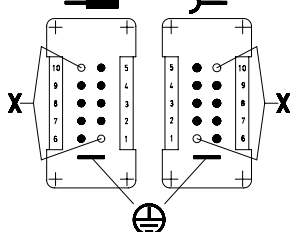


Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.0
16	77.5	83
24	104.0	110.0
32	77.5	83
48	104.0	110.0

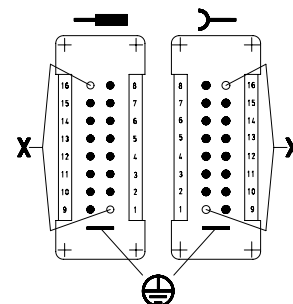
### 6-pole + ground



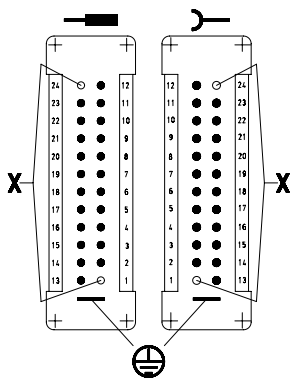
### 10-pole + ground



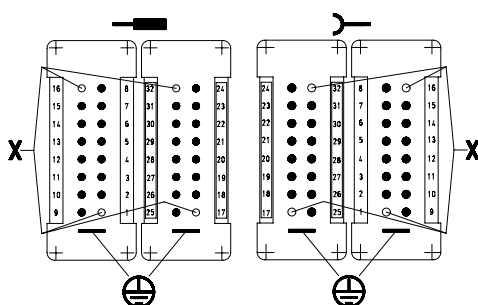
### 16-pole + ground



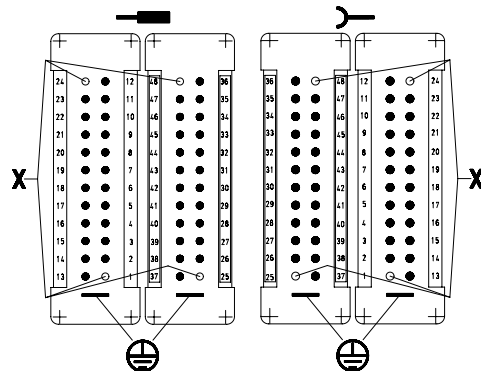
### 24-pole + ground



### 32-pole + ground



### 48-pole + ground

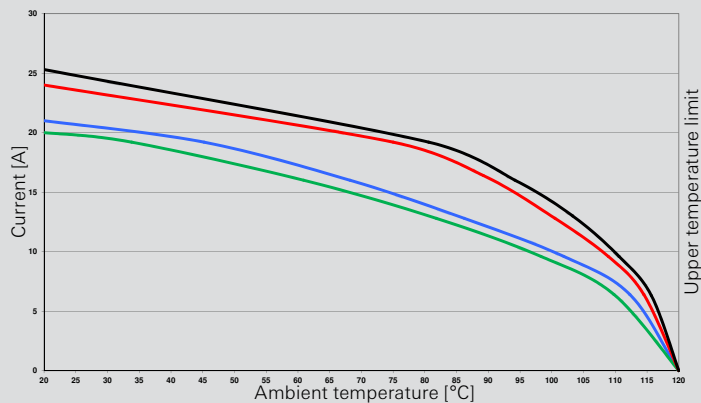


X = shortened switching contacts

### Derating curve according to IEC 60512 sec. 3

revos BASIC  
Screw version  
2.5 mm<sup>2</sup>

- 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

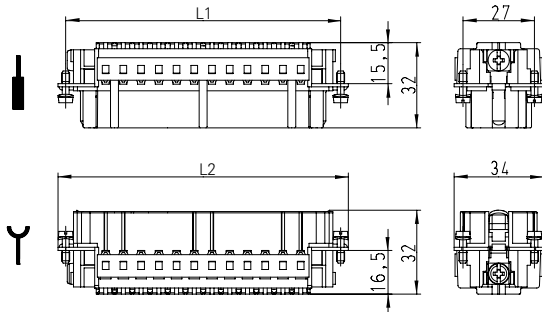


Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> BASIC 690 V</b>			
Male insert	<b>6-pole + ground</b> BAS STC 6 69	72.710.0658.0	10
Female insert	BAS BUC 6 69	72.700.0658.0	10
<b>Contact inserts <i>revos</i> BASIC 690 V</b>			
Male insert	<b>10-pole + ground</b> BAS STC 10 69	72.710.1058.0	10
Female insert	BAS BUC 10 69	72.700.1058.0	10
<b>Contact inserts <i>revos</i> BASIC 690 V</b>			
Male insert	<b>16-pole + ground</b> BAS STC 16 69	72.710.1658.0	10
Female insert	BAS BUC 16 69	72.700.1658.0	10
<b>Contact inserts <i>revos</i> BASIC 690 V</b>			
Male insert	<b>24-pole + ground</b> BAS STC 24 69	72.710.2458.0	10
Female insert	BAS BUC 24 69	72.700.2458.0	10
<b>Contacts for crimp connection</b>			
	mm <sup>2</sup> / 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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	0.5 – 4 mm <sup>2</sup>		
UL	20 – 12 AWG		
CSA	20 – 12 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Sn, Ag, Au		
Insulation strip length	7 mm		
Contact resistance	≤ 1.5 mΩ		
Mating cycles	Sn 200 / Ag, Au 500		
<b>Screws</b>			
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.
<b>Accessories</b>			
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
<b>Housing <i>revos</i> BASIC / <i>revos</i> BASIC M</b>			
	Type	Page	
Size	6/6H	118–125, 190–191, 194, 196	
Size	10/10H	126–143, 190–192, 198, 200	
Size	16/16H	144–163, 190–191, 202, 204	
Size	24/24H	164–183, 190–191, 206, 208	



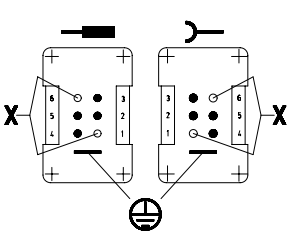
# Dimensions

## 6-pole + ground – 24-pole + ground

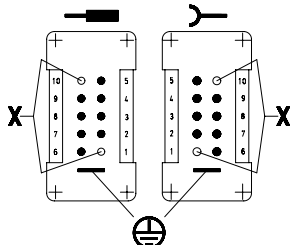


Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.0
16	77.0	83
24	104.0	110.0

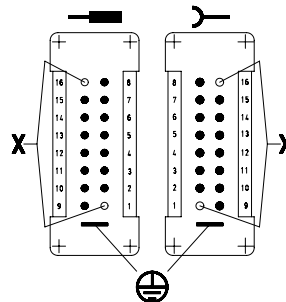
### 6-pole + ground



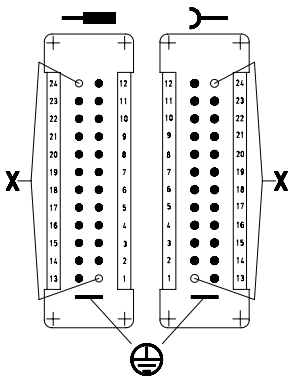
### 10-pole + ground



### 16-pole + ground



### 24-pole + ground

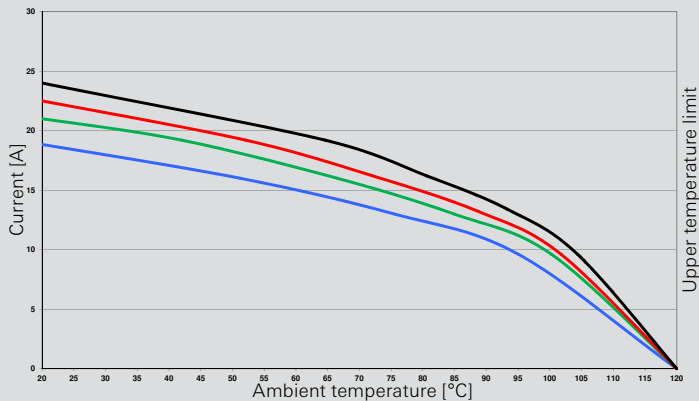


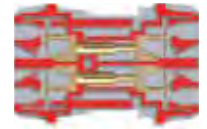
X = shortened switching contacts

### Derating curve according to IEC 60512 sec. 3

revos BASIC  
Crimp version  
2.5 mm<sup>2</sup>

- 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



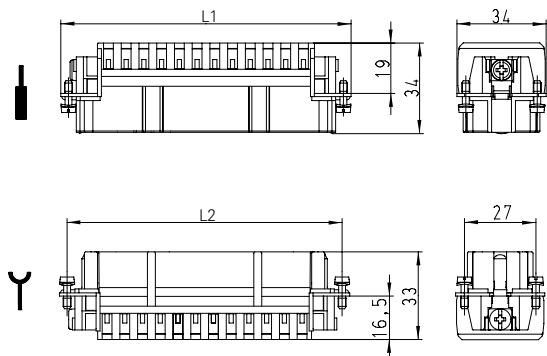
Description	Type	Part No.	P.U.
<b>Contact inserts <b>revos</b> BASIC 830 V</b>			
<b>3-pole + ground</b>			
Male insert	BAS STF 3 2,5 83 AG	70.516.0353.0	10
Female insert	BAS BUF 3 2,5 83 AG	70.506.0353.0	10
<b>Contact inserts <b>revos</b> BASIC 830 V</b>			
<b>6-pole + ground</b>			
Male insert	BAS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

<b>Technical data</b>	
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
<b>Rated cross section</b>	
EN 60999	0.14 – 2.5 mm <sup>2</sup>
UL	26 – 12 AWG
CSA	26 – 12 AWG
<b>Contacts</b>	
Material	Copper alloy
Surface	Ag
Insulation strip length	7 mm
Contact resistance	≤ 3 mΩ
Mating cycles	500
<b>Screws</b>	
	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.
<b>Accessories</b>			
Screwdriver blade	DIN 5264 A 0,6 x 3,5	06.502.4000.0	5
<b>Housing <b>revos</b> BASIC / <b>revos</b> BASIC M</b>			
	Type	Page	
Size	10/10H	126–143, 190–192, 198, 200	
Size	16/16H	144–163, 190–191, 202, 204	
Size	24/24H	164–183, 190–191, 206, 208	

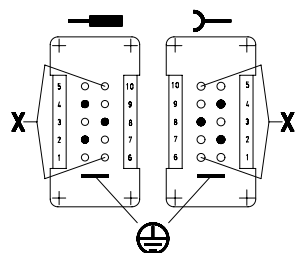
# Dimensions

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

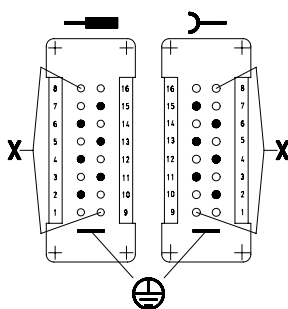


Number of poles	L1 [mm]	L2 [mm]
3	63.0	57.0
6	83.0	77.5
10	110.0	104.0

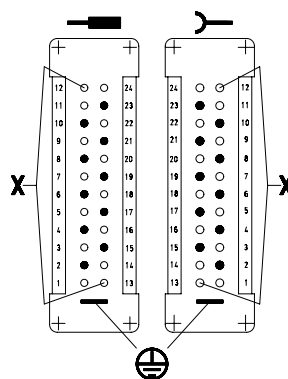
3-pole + 2 switching contacts + ground



6-pole + 2 switching contacts + ground



10-pole + 2 switching contacts + ground

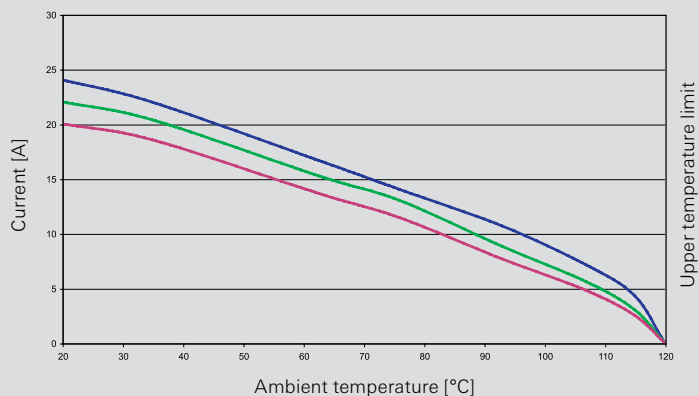


X = shortened switching contacts

## Derating curve according to IEC 60512 sec. 3

revos BASIC  
Spring version  
830 V / 16 A / 2.5 mm<sup>2</sup>

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





# 250 V contact inserts, with crimp connection

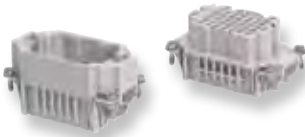
## Contact inserts *revos* DD



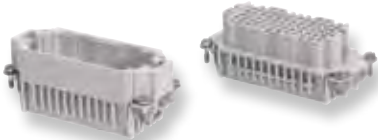
### 24-pole + ground Size 6/6H



### 42-pole + ground Size 10/10H



### 72-pole + ground Size 16/16H



### 108-pole + ground Size 24/24H



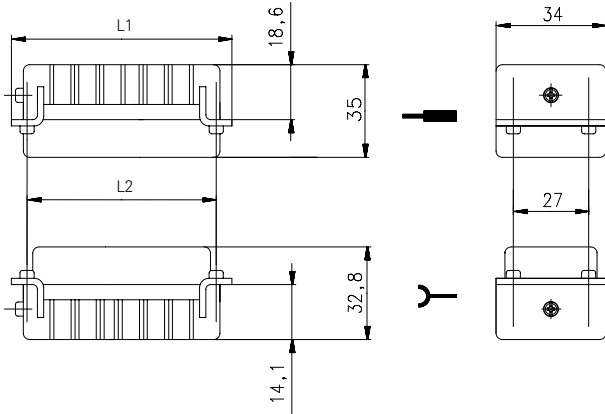
Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> DD 250 V</b>			
<b>24-pole + ground</b>			
Male insert	DD STC 24 1,5 25	73.810.2453.0	10
Female insert	DD BUC 24 1,5 25	73.800.2453.0	10
<b>Contact inserts <i>revos</i> DD 250 V</b>			
<b>42-pole + ground</b>			
Male insert	DD STC 42 1,5 25	73.810.4253.0	10
Female insert	DD BUC 42 1,5 25	73.800.4253.0	10
<b>Contact inserts <i>revos</i> DD 250 V</b>			
<b>72-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> DD 250 V</b>			
<b>108-pole + ground</b>			
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
<b>Contacts for crimp connection</b>			
	mm <sup>2</sup> / 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	

<b>Technical data</b>	
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)
<b>Rated cross section</b>	
EN 60999	0.14 – 2.5 mm <sup>2</sup>
UL	26 – 14 AWG
CSA	26 – 14 AWG
<b>Contacts</b>	
Material	Copper alloy
Surface	Ag, Au
Insulation strip length	8 mm
Contact resistance	< 5 mΩ
Mating cycles	Ag, Au 500
<b>Screws</b>	
head design / recomm. torque	
Mounting screws	Z1 / 0.5 – 0.7 Nm
Clamping screws	-
Ground conductor screws	Z2 / 1.2 Nm
Temperature range	-40 ... +120 °C

Description	Type	Part No.	P.U.
<b>Accessories</b>			
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
<b>Housing <i>revos</i> BASIC / <i>revos</i> BASIC M</b>			
	Type	Page	
Size	6/6H	118–125, 190–191, 194, 196	
Size	10/10H	126–143, 190–192, 198, 200	
Size	16/16H	144–163, 190–191, 202, 204	
Size	24/24H	164–183, 190–191, 206, 208	

# Dimensions

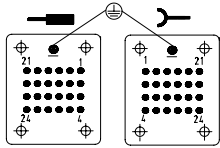
## 24-pole + ground – 108-pole + ground



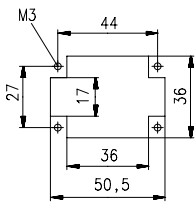
Number of poles	L1 [mm]	L2 [mm]
24	50.5	44.0
42	63.5	57.0
72	84	77.5
108	110.5	104.0

### 24-pole + ground

Connection side

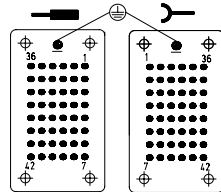


Cut-out

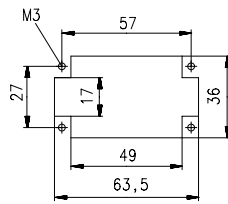


### 42-pole + ground

Connection side

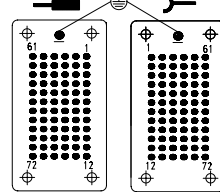


Cut-out

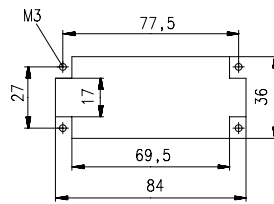


### 72-pole + ground

Connection side

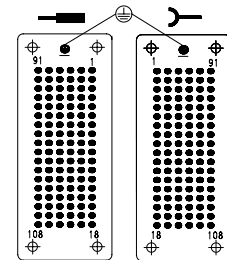


Cut-out

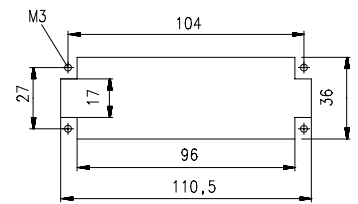


### 108-pole + ground

Connection side

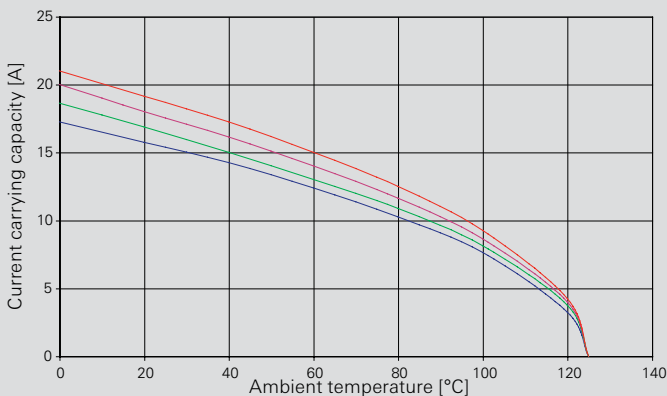


Cut-out



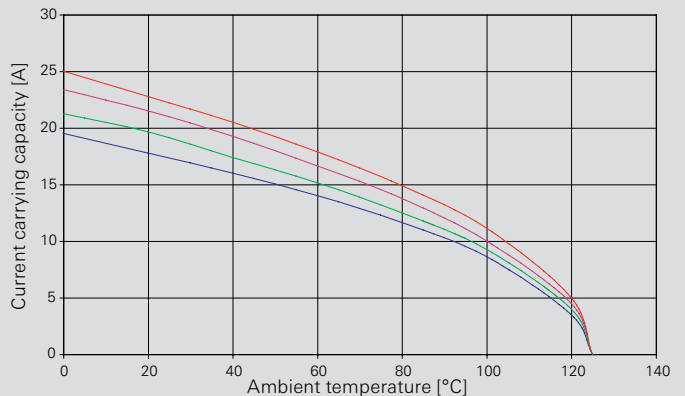
### Derating curve according to IEC 60512 sec. 3

revos<sup>DD</sup> 250V / 10 A / 1.5 mm<sup>2</sup>



### Derating curve according to IEC 60512 sec. 3


revos<sup>DD</sup> 250V / 16 A / 2.5 mm<sup>2</sup>






# 250 V contact inserts, screw connection

Description	Type	Part No.	P.U.
<b>Contact inserts revos HD 250 V</b>			
<b>10-pole + ground</b>			
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
<b>Contact inserts revos HD 250 V</b>			
<b>16-pole + ground</b>			
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
<b>Contact inserts revos HD 250 V</b>			
<b>32-pole + ground</b>			
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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	e* 0.5 – 1.5 mm <sup>2</sup> /f** 0.75 – 2.5 mm <sup>2</sup>		
UL	20 – 14 AWG		
CSA	20 – 14 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Ag		
Insulation strip length	7 mm		
Contact resistance	≤ 4 mΩ		
Mating cycles	100		
<b>Screws</b>			
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		
<b>Housing revos HD</b>			
Type			Page
Size	10/15	210–213	
Size	16/25	214–217	
Size	32/50	218–223	


**Contact inserts revos HD**  


**10-pole + ground**  
**Size 10/15**



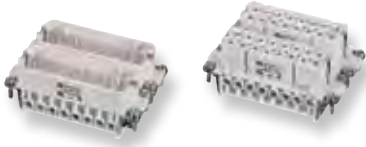

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**16-pole + ground**  
**Size 16/25, 32/50**




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**32-pole + ground**  
**Size 32/50**

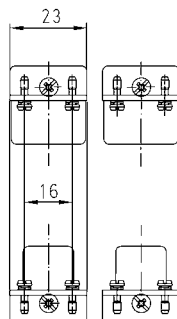
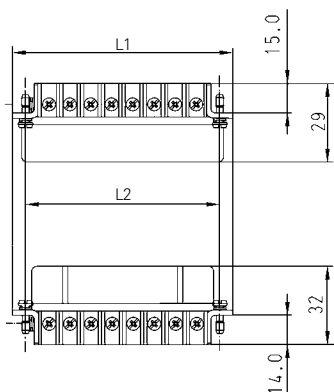


\* Solid  
 \*\* Fine stranded



# Dimensions

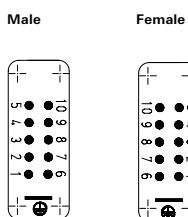
## 10-pole + ground – 32-pole + ground



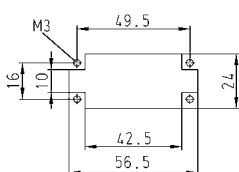
Number of poles	L1 [mm]	L2 [mm]
10	56.5	49.5
16	73.0	66.0
32	73.0	66.0

### 10-pole + ground

#### Connection side

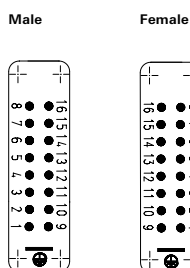


#### Cut-out

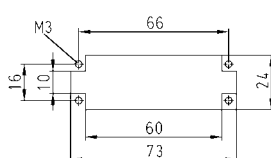


### 16-pole + ground

#### Connection side

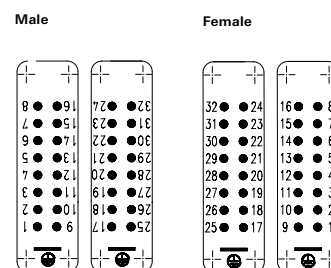


#### Cut-out

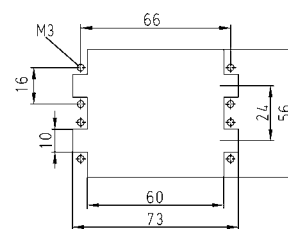


### 32-pole + ground

#### Connection side

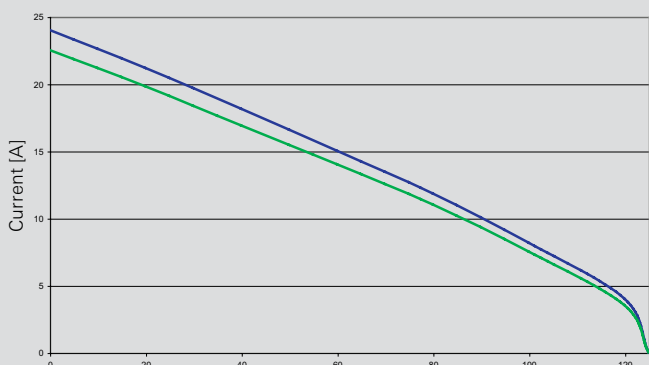


#### Cut-out



### Derating curve according to IEC 60512 sec. 3

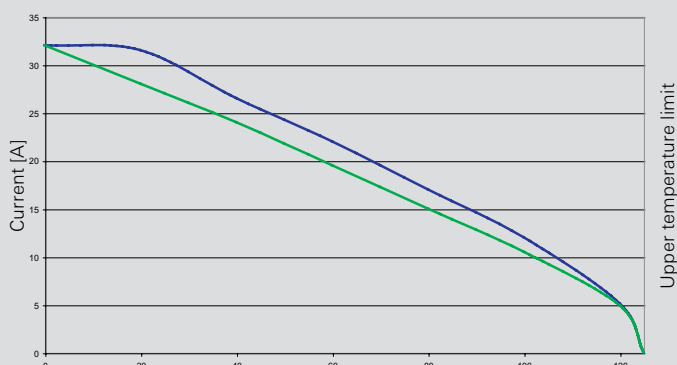
revos HD 10/16 250 V / 16 A / 1.5 mm<sup>2</sup>



— 10-pole — 16-pole

### Derating curve according to IEC 60512 sec. 3

revos HD 10/16 250 V / 16 A / 2.5 mm<sup>2</sup>



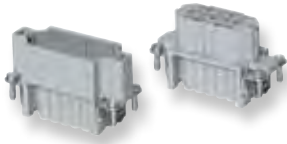


# 250 V contact inserts, with crimp connection

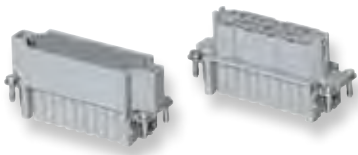
## Contact inserts *revos* HD



### 15-pole + ground Size 10/15



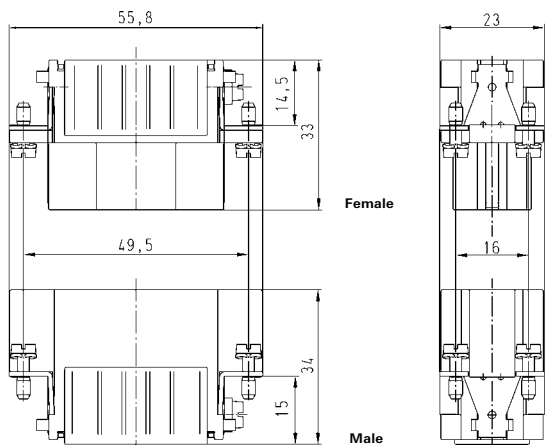
### 25-pole + ground Size 16/25, 32/50



Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> HD 250 V</b>			
<b>15-pole + ground</b>			
Male insert	HD STC 15 25	73.710.1553.0	10
Female insert	HD BUC 15 25	73.700.1553.0	10
<b>Contact inserts <i>revos</i> HD 250 V</b>			
<b>25-pole + ground</b>			
Male insert	HD STC 25 25	73.710.2553.0	10
Female insert	HD BUC 25 25	73.700.2553.0	10
<b>Contacts for crimp connection</b>			
	mm <sup>2</sup> / 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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	0.2 – 1.5 mm <sup>2</sup>		
UL	24 – 16 AWG		
CSA	24 – 16 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Au, Sn		
Insulation strip length	4 mm		
Contact resistance	≤ 4 mΩ		
Mating cycles	Au 500 / Sn 50		
<b>Screws</b>			
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.
<b>Accessories</b>			
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
<b>Housing <i>revos</i> HD</b>			
	Type	Page	
Size	10/15	210–213	
Size	16/25	214–217	
Size	32/50	218–223	

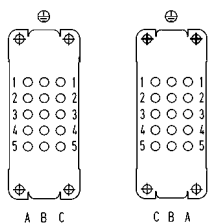
# Dimensions

## 15-pole + ground

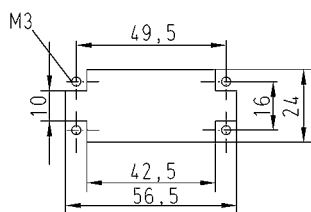


### Connection side

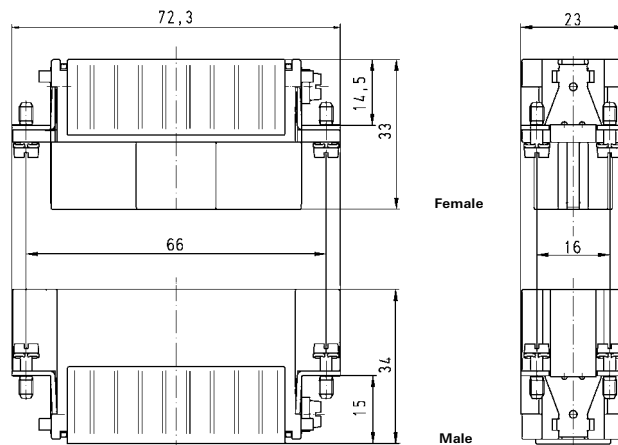
Male Female



### Cut-out

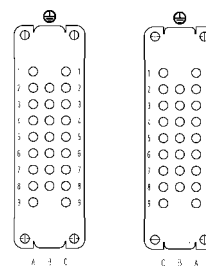


## 25-pole + ground

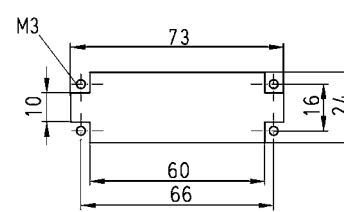


### Connection side

Male Female

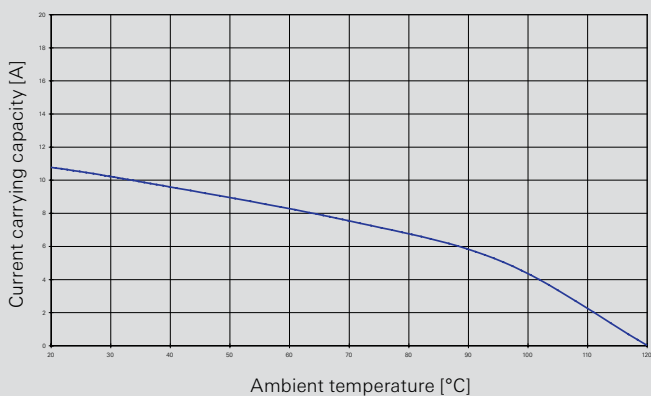


### Cut-out



### Derating curve according to IEC 60512 sec. 3

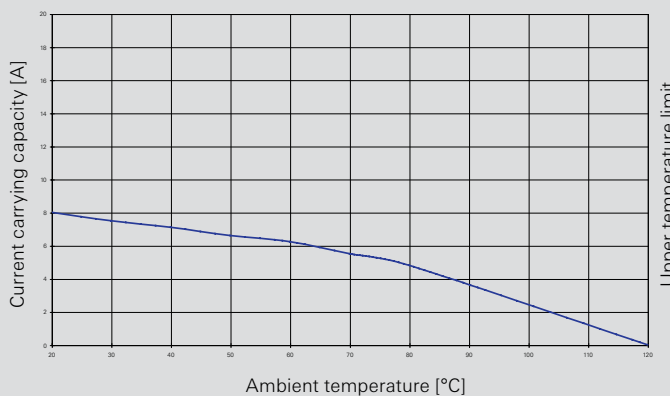
73.700/710.1553.0 revos<sup>HD</sup> 15-pole 250 V / 10 A / 1.5 mm<sup>2</sup>



Corrected current AC [A]

### Derating curve according to IEC 60512 sec. 3

73.700/710.2553.0 revos<sup>HD</sup> 25-pole 250 V / 10 A / 1.5 mm<sup>2</sup>





# 250 V contact inserts, with crimp connection

## Contact inserts *revos* HD



### 40-pole + ground Size 16



### 64-pole + ground Size 24



Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> HD 250 V</b>			
<b>40-pole + ground</b>			
Male insert	HD STC 40 25	73.710.4058.0	10
Female insert	HD BUC 40 25	73.700.4058.0	10
<b>Contact inserts <i>revos</i> HD 250 V</b>			
<b>64-pole + ground</b>			
Male insert	HD STC 64 25	73.710.6458.0	10
Female insert	HD BUC 64 25	73.700.6458.0	10
<b>Contacts for crimp connection</b>			
	mm <sup>2</sup> / 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

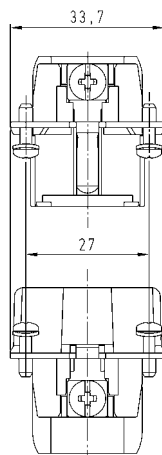
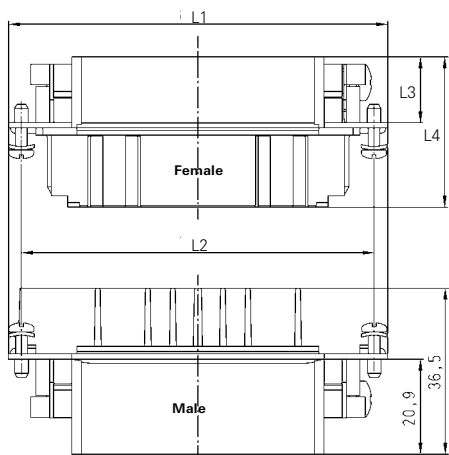
<b>Technical data</b>	
Rated voltage	250 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	4 kV
Rated current	10 A
Degree of pollution	3
<b>Rated cross section</b>	
EN 60999	0.2 – 1.5 mm <sup>2</sup>
UL	24 – 16 AWG
CSA	24 – 16 AWG
<b>Contacts</b>	
Material	Copper alloy
Surface	Au, Sn
Insulation strip length	4 mm
Contact resistance	≤ 4 mΩ
Mating cycles	Au 500 / Sn 50
<b>Screws</b>	
	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.
<b>Accessories</b>			
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
<b>Housing <i>revos</i> HD</b>			
	Type	Page	
Size	16H	146, 150, 156, 158, 162, 190, 191	
Size	24H	166, 170, 176, 178, 182, 190, 191	
Size	32	184–185	

Derating curve see page 69.

# Dimensions

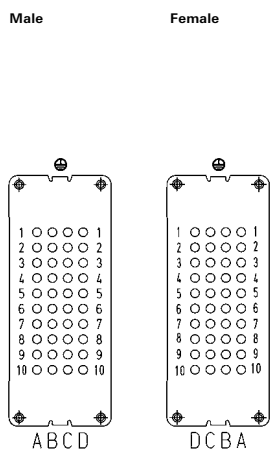
## 40-pole + ground – 80-pole + ground



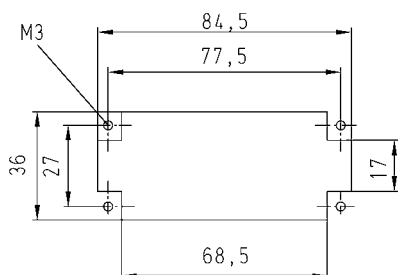
Number of poles	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]
40	83.3	77.5	14.5	33.0
64	109.8	104.0	14.4	33.5

### 40-pole + ground

#### Connection side

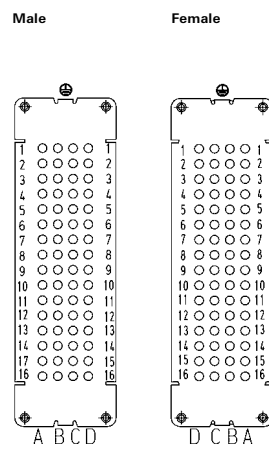


#### Cut-out

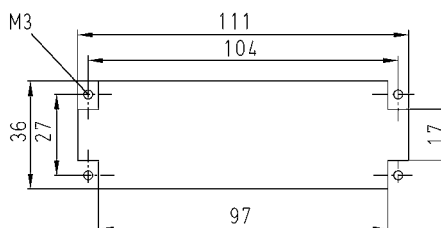


### 64-pole + ground

#### Connection side



#### Cut-out





# 250 V multipole adapter, screw connection

## Multipole adapter *revos*<sup>HD</sup>



### 40-pole + ground Size 16



### 64-pole + ground Size 24



Description	Type	Part No.	P.U.
<b>Multipole adapter <i>revos</i><sup>HD</sup> 250 V</b>	<b>40-pole + ground</b>		
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
<b>Multipole adapter <i>revos</i><sup>HD</sup> 250 V</b>	<b>64-pole + ground</b>		
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

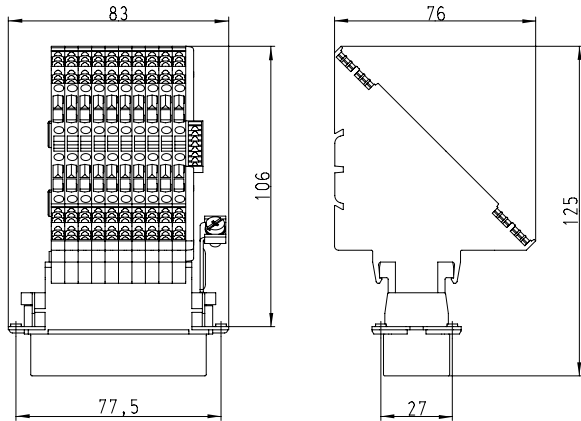
Technical data	
Rated voltage	250 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	4 kV
Rated current	10 A
Degree of pollution	3
Rated cross section	
EN 60999	0.5 – 2.5 mm <sup>2</sup>
UL	20 – 14 AWG
CSA	20 – 14 AWG
Contacts	
Material	Copper alloy
Surface	Sn
Insulation strip length	12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

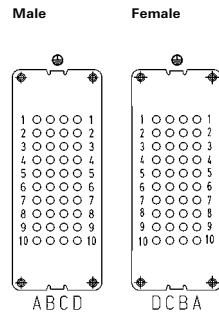
Description	Type	Part No.	P.U.
<b>Open-bottom base, Size 16</b>			
without cover, double locking lever	BAS GUT GX 16H 50 A	73.326.4028.0	1
with cover, double locking lever	BAS GUT GY 16H 50 A	73.327.4028.0	1
without cover, single locking lever	BAS GUT GV 16H 50 A	76.326.4028.0	1
with cover, single locking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

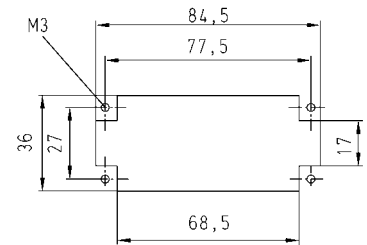
## 40-pole + ground



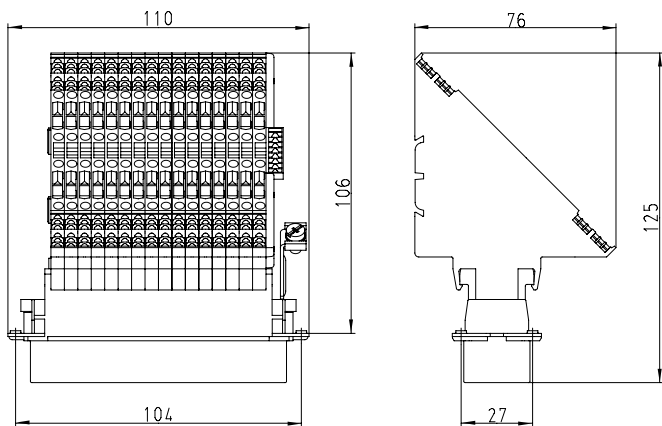
### Connection side



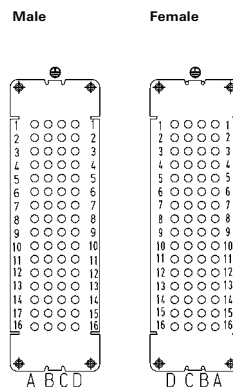
### Cut-out



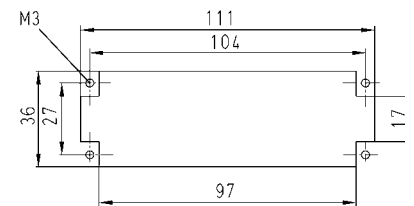
## 64-pole + ground



### Connection side

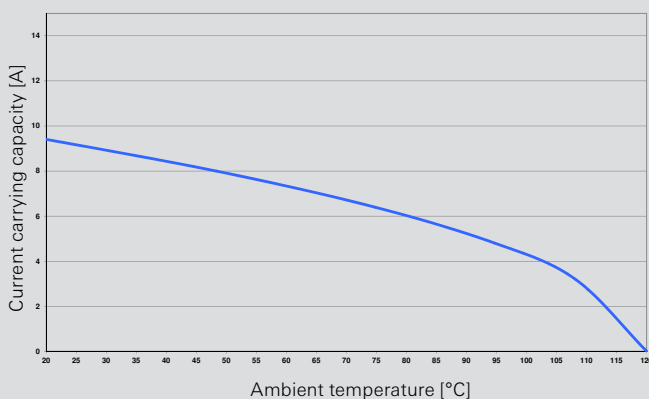


### Cut-out



### Derating curve according to IEC 60512 sec. 3

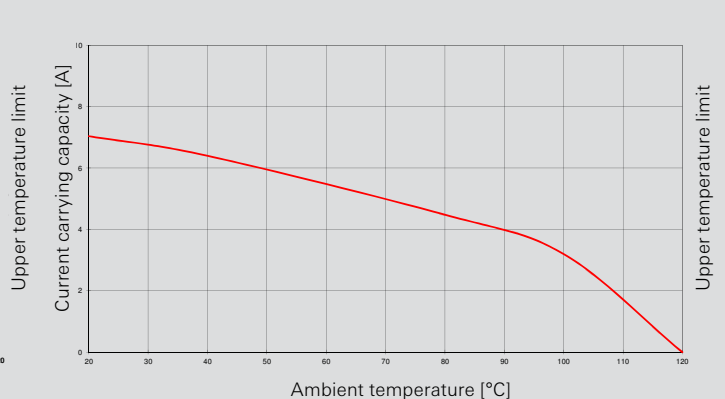
revos<sup>HD</sup> 40-pole / 1.5 mm<sup>2</sup>



— 40-pole

### Derating curve according to IEC 60512-5-2

73.700/710.6458.0 revos<sup>HD</sup> 64-pole



— Corrected current AC [A]





# 400 V 35 A contact inserts, screw connection

## Contact inserts revos POWER



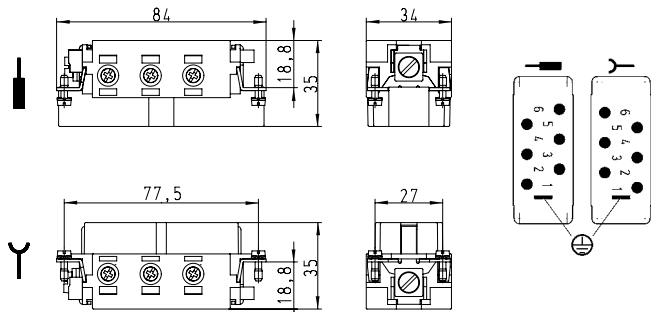
**6-pole + ground  
400 V  
Size 16**



Description	Type	Part No.	P.U.
<b>Contact inserts revos POWER</b>			
Male insert	<b>6-pole + ground</b> 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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	2.5 – 6 mm <sup>2</sup>		
UL	14 – 8 AWG		
CSA	14 – 8 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Ag		
Insulation strip length	10 mm		
Contact resistance	≤ 0.6 mΩ		
Mating cycles	200		
<b>Screws</b> 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		
<b>Housing revos BASIC</b>			
Type		Page	
Size	16/16H	144–163	
Size	16XL	159	

## Dimensions

### 6-pole + ground 400 V



## Derating curve

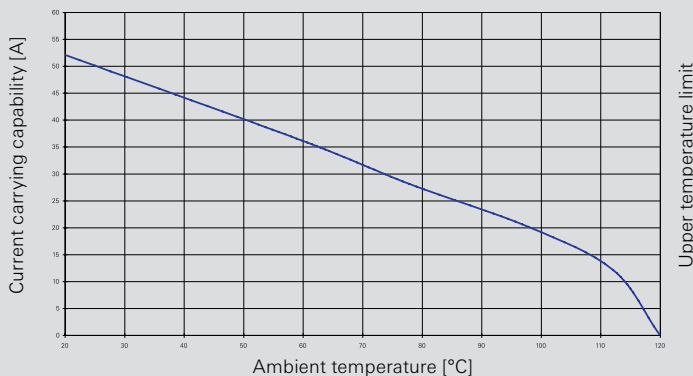
according to IEC 60512 sec. 3

revos POWER

70.200/210.0653.0 revos POWER

6-pole 400 V / 35 A / 6.0 mm<sup>2</sup>

— Corrected current AC [A]





# 690 V 35 A contact inserts, screw connection

## Contact inserts **revos** POWER



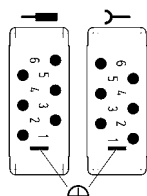
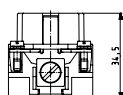
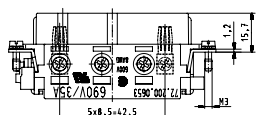
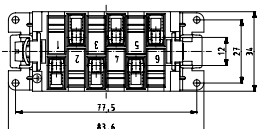
**6-pole + ground**  
**690 V**  
**Size 16**



Description	Type	Part No.	P.U.
<b>Contact inserts <b>revos</b> POWER</b>			
Male insert	<b>6-pole + ground</b> 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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	2.5 – 6 mm <sup>2</sup>		
UL	14 – 8 AWG		
CSA	14 – 8 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Ag		
Insulation strip length	10 mm		
Contact resistance	≤ 0.6 mΩ		
Mating cycles	200		
<b>Screws</b>			
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		
<b>Housing <b>revos</b> BASIC</b>			
Type	16/16H	Page	
Size	16/16H	144–147	
Size	16XL	159	

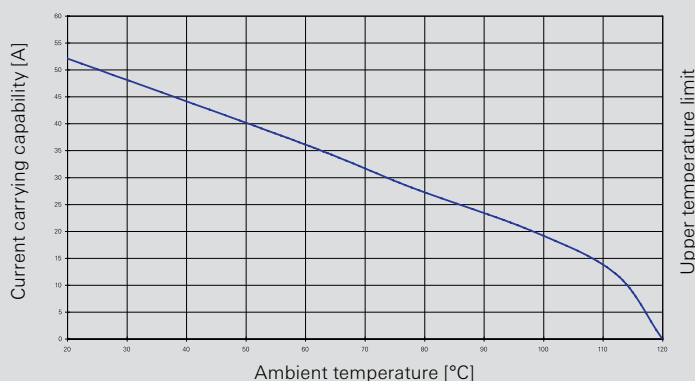
## Dimensions

**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 mm<sup>2</sup>

— Corrected current AC [A]



# 400/690 V 82 A

## Contact inserts, screw connection



### Contact inserts **revos** POWER



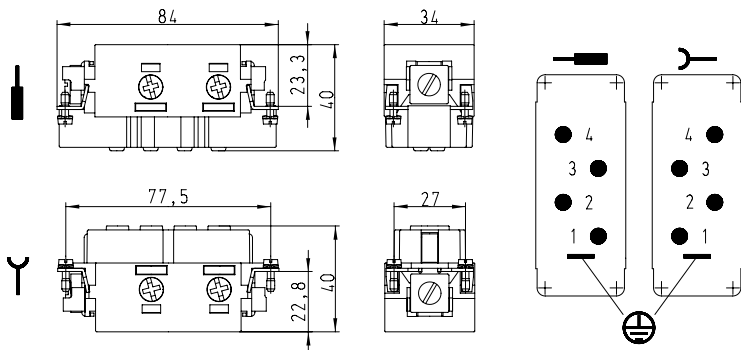
**4-pole + ground**  
**400/690 V**  
**Size 16H**



Description	Type	Part No.	P.U.
<b>Contact inserts <b>revos</b> POWER</b>			
<b>4-pole + ground</b>			
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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	6 – 16 mm <sup>2</sup>		
UL	10 – 4 AWG		
CSA	10 – 4 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Ag		
Insulation strip length	10 mm		
Contact resistance	≤ 0.6 mΩ		
Mating cycles	200		
<b>Screws</b>			
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		
<b>Housing <b>revos</b> BASIC</b>			
Type			Page
Size	16H		146, 150, 156, 158, 162
Size	16XL		159

### Dimensions

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

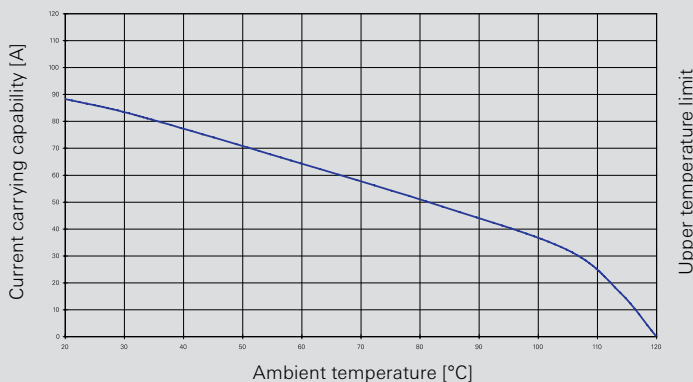


### Derating curve

according to IEC 60512 sec. 3

72.208/218.0453.0 **revos** POWER  
4-pole 690 V / 400 V / 82 A / 16.0 mm<sup>2</sup>

— Corrected current AC [A]



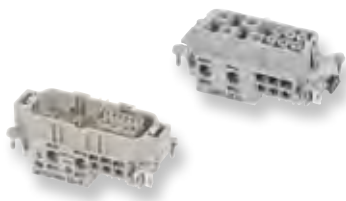
# 690 V 4 x 35 A, 6 x 16 A Contact inserts, screw connection



## Contact inserts *revos* POWER



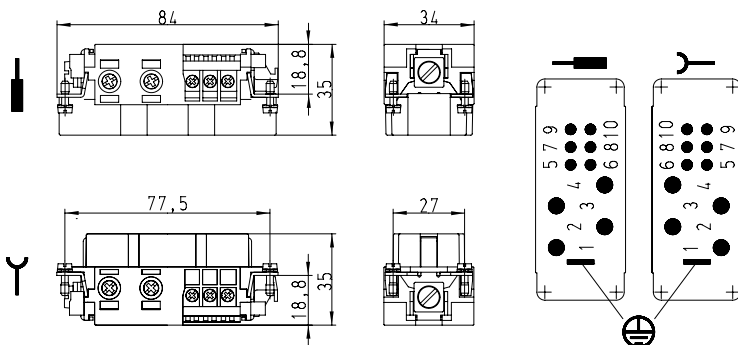
**4-/6-pole + ground  
690 V  
Size 16**



Description	Type	Part No.	P.U.
<b>Contact inserts <i>revos</i> POWER</b>			
<b>4-/6-pole + ground</b>			
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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	4 x 2.5 – 6 mm <sup>2</sup> and 6 x 1 – 2.5 mm <sup>2</sup>		
UL	4 x 14 – 8 AWG and 6 x 16 – 12 AWG		
CSA	4 x 14 – 8 AWG and 6 x 16 – 12 AWG		
<b>Contacts</b>			
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		
<b>Screws</b>			
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		
<b>Housing <i>revos</i> BASIC</b>		Type	Page
Size	16H	146, 150, 156, 158, 162	
Size	16XL	159	

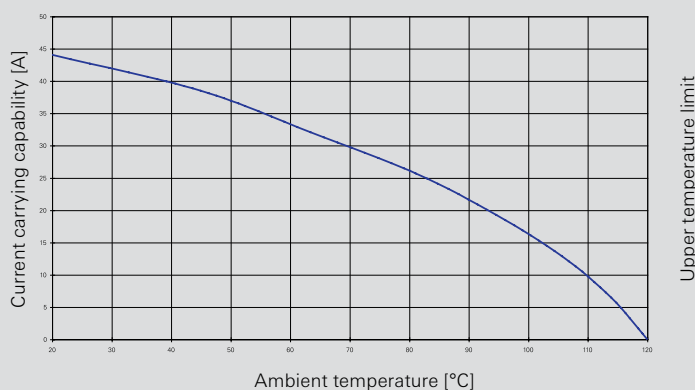
## Dimensions

**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 mm<sup>2</sup> / 2.5 mm<sup>2</sup>

— Corrected current AC [A]



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



## Contact inserts revos POWER



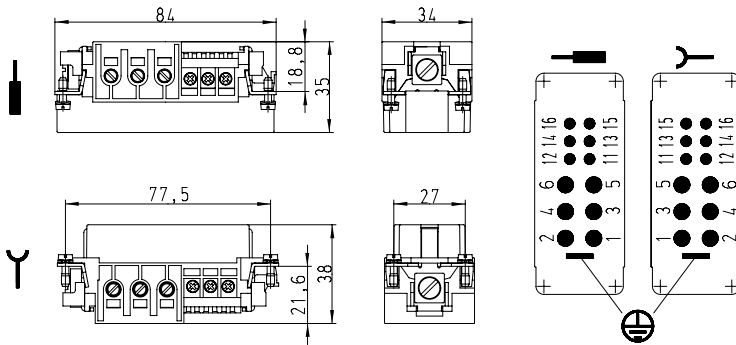
### 6-/6-pole + ground Size 16/16XL



Description	Type	Part No.	P.U.
<b>Contact inserts revos POWER</b>			
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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	6 x 4 – 10 mm <sup>2</sup> and 6 x 1 – 2.5 mm <sup>2</sup>		
UL	6 x 12 – 16 AWG and 6 x 16 – 12 AWG		
CSA	6 x 12 – 16 AWG and 6 x 16 – 12 AWG		
<b>Contacts</b>			
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		
<b>Screws</b>			
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.
<b>Housing revos BASIC</b>			
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

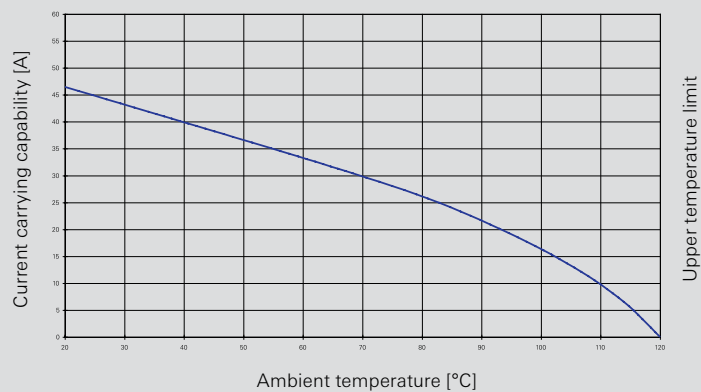
## Dimensions

### 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 mm<sup>2</sup> / 2.5 mm<sup>2</sup>

— 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



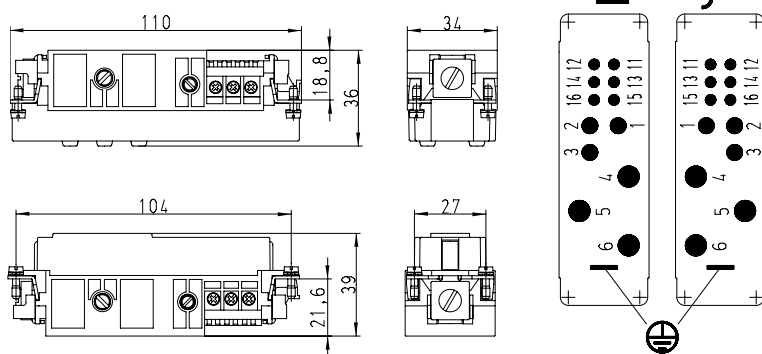
### 3-/3-/6-pole + ground Size 24/24XL



Description	Type	Part No.	P.U.
<b>Contact inserts <b>revos</b> POWER</b>			
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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	3 x 10 – 25 mm <sup>2</sup> and 3 x 4 – 10 mm <sup>2</sup> and 6 x 1 – 2.5 mm <sup>2</sup>		
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		
<b>Contacts</b>			
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		
<b>Screws</b>			
	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.
<b>Housing <b>revos</b> BASIC</b>			
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

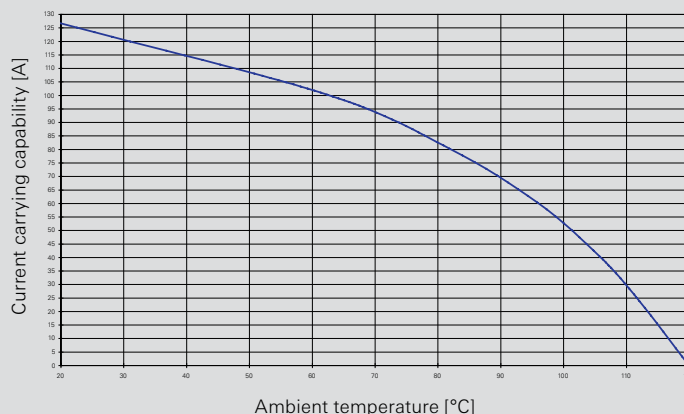
72.203/213.1253.0 **revos** POWER

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

100 A / 40 A / 16 A



25 mm<sup>2</sup> / 16.0 mm<sup>2</sup> / 2.5 mm<sup>2</sup>

— Corrected current AC [A]



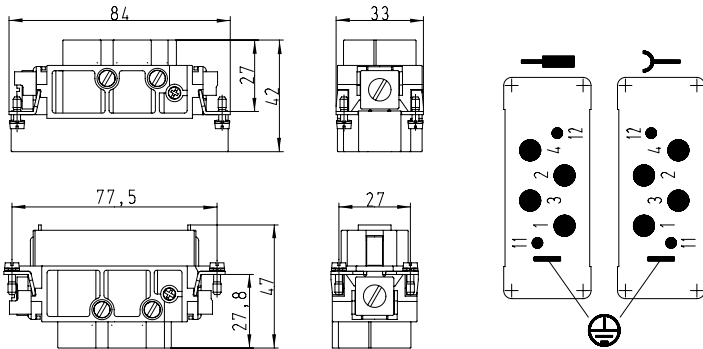
# 690 V 82 A + 400 V 16A Contact inserts, screw connection



Contact inserts <b>revos</b> POWER		Description	Type	Part No.	P.U.
 <p><b>4-/2-pole + ground</b> <b>690/400 V</b> <b>Size 16</b></p> 		<b>Contact inserts <b>revos</b> POWER</b>	<b>4-/2-pole + ground</b>		
		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
<b>Technical data</b>					
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			
<b>Rated cross section</b>					
EN 60999		4 x 6 – 16 mm <sup>2</sup> and 2 x 1 – 2.5 mm <sup>2</sup>			
UL		4 x 10 – 4 AWG and 2 x 16 – 12 AWG			
CSA		4 x 10 – 4 AWG and 2 x 16 – 12 AWG			
<b>Contacts</b>					
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			
<b>Screws</b>					
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			
<b>Housing <b>revos</b> BASIC</b>		Type	Page		
Hood, Size		16H	146, 150, 156, 158, 162		
Hood, Size		16XL	159		
Open-bottom base, Size		16	148, 160		
Closed-bottom base, Size		16H	150, 162		

## Dimensions

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

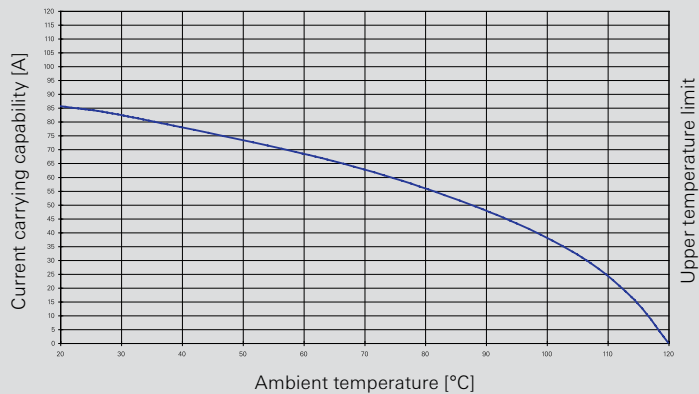


## Derating curve

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 mm<sup>2</sup> / 2.5 mm<sup>2</sup>

— 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**

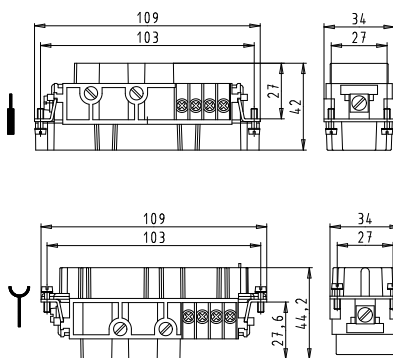


Note: The protective earth connection must be provided with the respective cable lug for 10 mm<sup>2</sup> and 16 mm<sup>2</sup> cross-sections.

Description	Type	Part No.	P.U.
<b>Contact insert <b>revos</b> POWER</b>			
Male insert	4-/8-pole + ground		
Female insert	POW STS 4/8 NL BB AG	72.216.1253.0	5
	POW BUS 4/8 NL BB AG	72.206.1253.0	5
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	4 x 1.5 – 16 mm <sup>2</sup> and 8 x 0.5 – 2.5 mm <sup>2</sup>		
UL	4 x 16 – 6 AWG and 8 x 20 – 14 AWG		
CSA	–		
<b>Contacts</b>			
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		
<b>Screws</b>			
	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.
<b>Accessories</b>			
Fork cable lug for protective earth connection 10mm <sup>2</sup>		06.600.6127.6	10
Fork cable lug for protective earth connection 16mm <sup>2</sup>		06.600.6227.6	10
Crimping tool		95.101.0800.0	1
Crimping die for connection range 10 mm <sup>2</sup>		05.502.2800.0	1
Crimping die for connection range 16 mm <sup>2</sup>		05.502.2900.0	1
<b>Housing <b>revos</b> BASIC</b>	24/24H		Page 164–183, 190-191

### Dimensions

**4-/8-pole + ground 400 V**

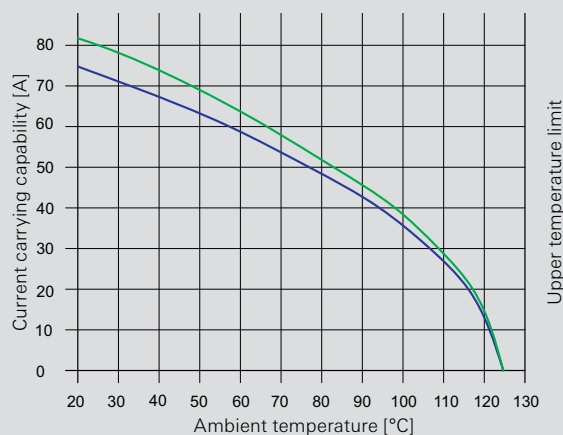


### Clamping screws

<b>Power contacts</b>					
Rated cross section	mm <sup>2</sup>	1,5	2,5	4	6 10 16
Tightening torque	Nm	1,2	2	3	3 3 3
Insulation strip length	mm	14			
<b>Control contacts</b>					
Rated cross section	mm <sup>2</sup>	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 mm<sup>2</sup>
- Cross-section 16 mm<sup>2</sup>



# 690 V 40 A + 250 V 10 A

## Contact inserts, crimp connection



### Contact inserts revos<sup>POWER</sup>



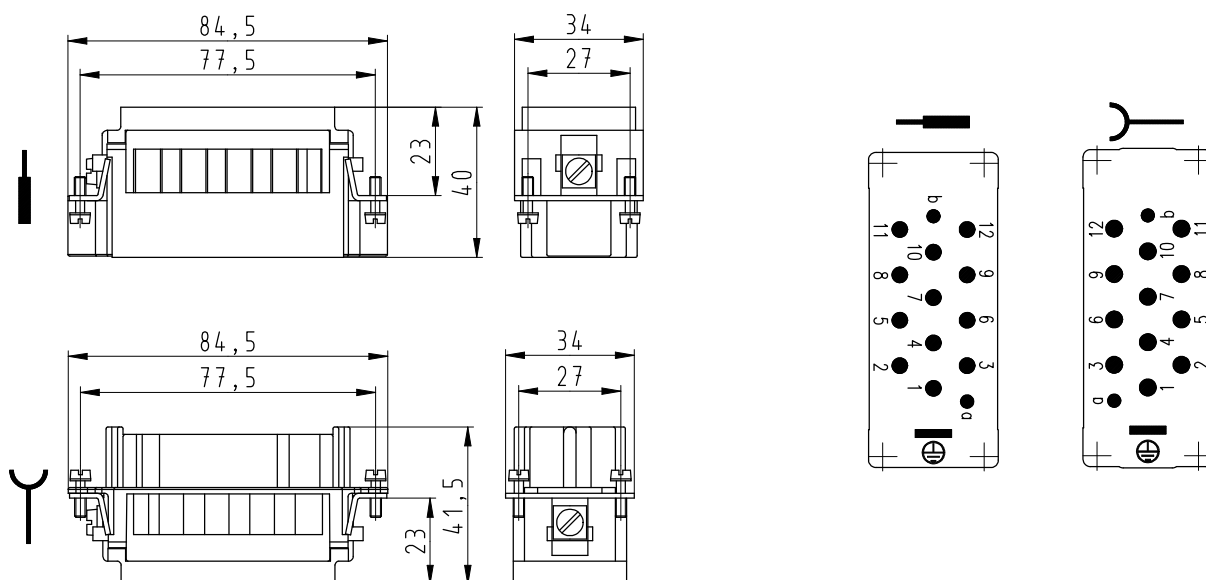
### 12-/2-pole + ground Size 16H



Description	Type	Part No.	P.U.
<b>Contact inserts revos<sup>POWER</sup></b>			
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
<b>Contact</b>			
	mm <sup>2</sup> / 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
<b>Contact</b>			
	mm <sup>2</sup> / 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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	12 x 1.5 – 6 mm <sup>2</sup> + 2 x 0.14 – 2.5 mm <sup>2</sup>		
UL	12 x 16 – 10 AWG + 2 x 26 – 14 AWG		
CSA	12 x 16 – 10 AWG + 2 x 26 – 14 AWG		
<b>Contacts</b>			
Material	Kupferlegierung		
Surface	Ag		
Insulation strip length	Power contacts ≤ 0.3 mΩ / Control contacts ≤ 3 mΩ		
Mating cycles	500		
<b>Screws</b>			
	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.
<b>Accessories</b>			
Crimping tool		95.101.0800.0	1
Crimping die for contacts Ø 4 mm	„H“	05.502.5000.0	1
Contacting for contacts Ø 4 mm	„6“	05.502.5200.0	1
Crimping die for contacts Ø 1.6 mm	„G“	05.502.4900.0	1
Contacting for contacts Ø 1.6 mm	„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
<b>Housing revos<sup>BASIC</sup></b>			
	Type	Page	
Size	16H	146, 150, 156, 158, 162, 190, 191	

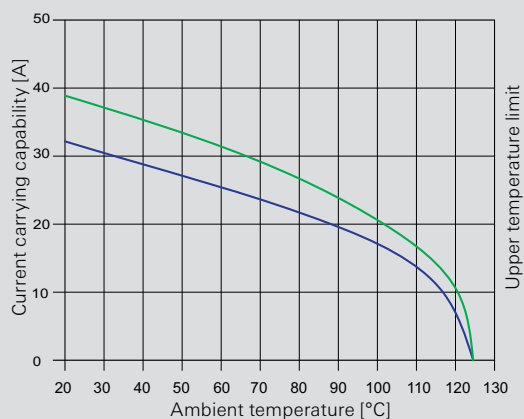
# Dimensions

## 12-/2-pole + ground



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

- Cross-section 4 mm<sup>2</sup>
- Cross-section 6 mm<sup>2</sup>



# 690 V 40 A + 160 V 10 A

## Contact inserts, crimp connection



### Contact inserts revos POWER



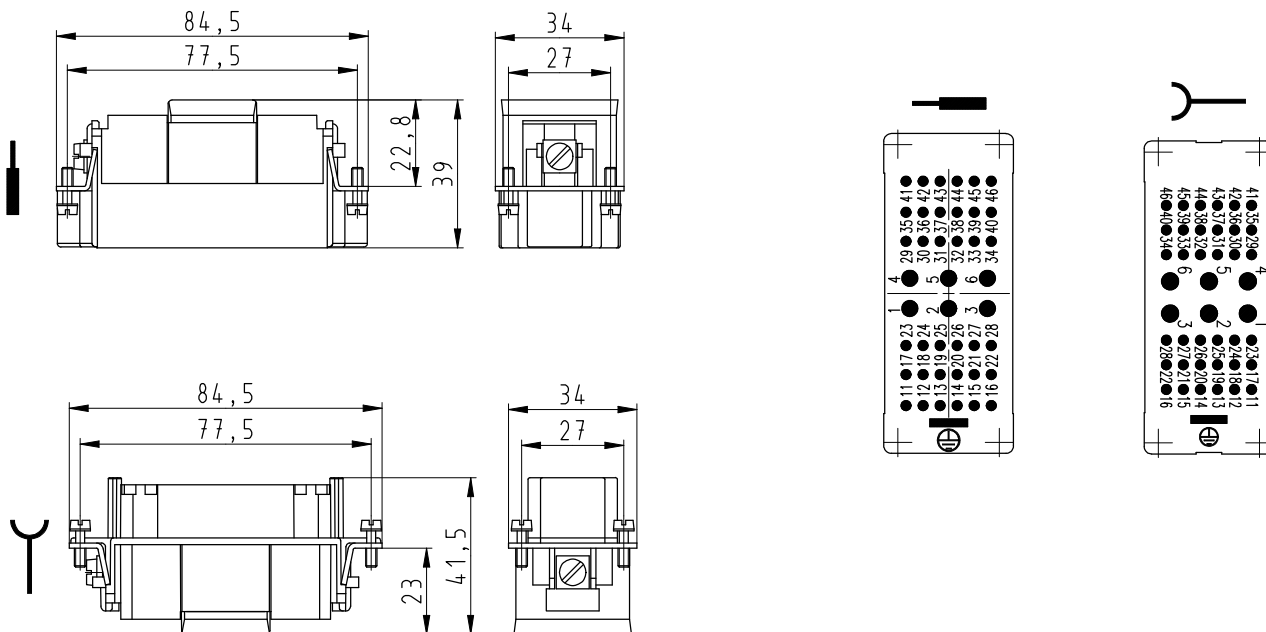
### 6-/36-pole + ground Size 16H



Description	Type	Part No.	P.U.
<b>Contact inserts revos POWER</b>			
Male insert	6-/36-pole + ground		
Male insert	POW STC 6/36 DF	72.713.4253.0	5
Female insert	POW BUC 6/36 DF	72.703.4253.0	5
<b>Contacts</b>			
	mm <sup>2</sup> / 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
<b>Contacts</b>			
	mm <sup>2</sup> / 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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	6 x 1,5 – 6 mm <sup>2</sup> + 36 x 0.14 – 2.5 mm <sup>2</sup>		
UL	6 x 16 – 10 AWG + 36 x 26 – 14 AWG		
CSA	6 x 16 – 10 AWG + 36 x 26 – 14 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Ag		
Contact resistance	Power contacts ≤ 0.3 mΩ / Power contacts ≤ 3 mΩ		
Mating cycles	500		
<b>Screws</b>			
	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.
<b>Accessories</b>			
Crimping tool		95.101.0800.0	1
Crimping die for contacts Ø 4 mm	„H“	05.502.5000.0	1
Contacting for contacts Ø 4 mm	„6“	05.502.5200.0	1
Crimping die for contacts Ø 1.6 mm	„G“	05.502.4900.0	1
Contacting for contacts Ø 1.6 mm	„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
<b>Housing revos BASIC</b>			
	Type	Page	
Size	16H	146, 150, 156, 158, 162, 190, 191	

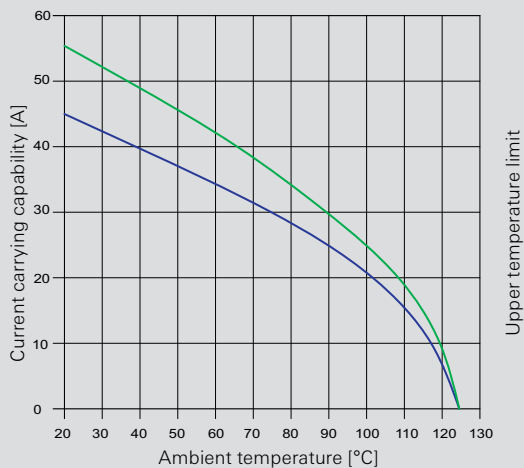
# Dimensions

## 6-/36-pole + ground



**Derating curve –  
power contacts**  
according to IEC 60512 sec 3  
revos<sup>POWER</sup>  
6-/36-pole

- Cross-section 4 mm<sup>2</sup>
- Cross-section 6 mm<sup>2</sup>



# 230/400 V 16 A + 250 V 10 A

## Contact inserts, crimp connection



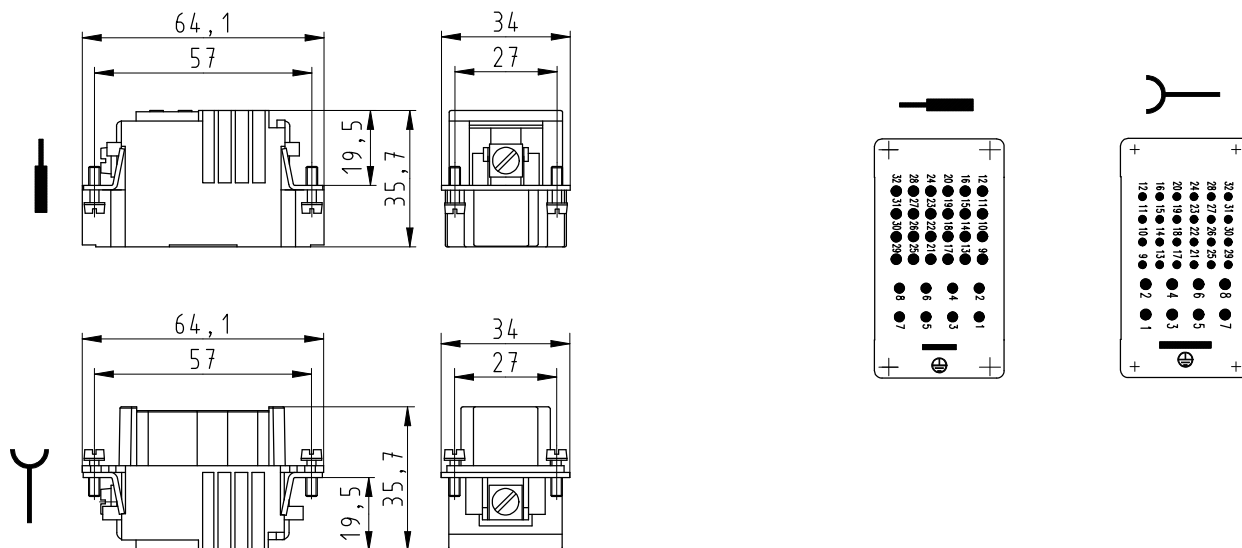
**8-/24-pole + ground**  
**Size 10/10H**



Description	Type	Part No.	P.U.
<b>Contact inserts revos<sup>POWER</sup></b>			
Male insert	8-/24-pole + ground		
Female insert	POW STC 8/24 AF	72.713.3253.0	5
Female insert	POW BUC 8/24 AF	72.703.3253.0	5
<b>Contacts</b>			
	mm <sup>2</sup> / 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
<b>Contacts</b>			
	mm <sup>2</sup> / 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
<b>Technical data</b>			
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 A		
Degree of pollution	3		
<b>Rated cross section</b>			
EN 60999	8 x 0,5 - 4 mm <sup>2</sup> + 24 x 0,14 - 2,5mm <sup>2</sup>		
UL	8 x 20 - 12 AWG + 24 x 26 - 14 AWG		
CSA	-		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Ag		
Contact resistance	Power contacts 7.5 mm / Control contacts 8 mm		
Mating cycles	500		
<b>Screws</b>			
Mounting screws	head design / recomm. torque		
Ground conductor screws	4 x M3 / 0.5 Nm		
Temperature range	M5 / 2.0 Nm		
	-40 ... +120 °C		
Description	Type	Part No.	P.U.
<b>Accessories</b>			
Crimping tool		95.101.0800.0	1
Crimping die for contacts Ø 2.5 mm	„G“	05.502.4900.0	1
Contact positioner for contacts Ø 2.5 mm	„5“	05.502.5100.0	1
Crimping die for contacts Ø 1.6 mm	„G“	05.502.4900.0	1
Contact positioner for contacts Ø 1.6 mm	„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
<b>Housing revos<sup>BASIC</sup></b>			
Size	Type	Page	
	10/10H	126-143, 190-192, 198, 200	

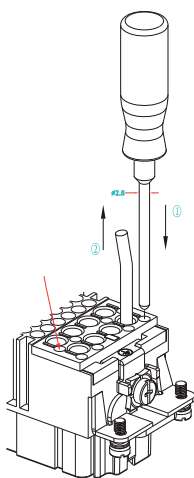
# Dimensions

## 8-/24-pole + ground



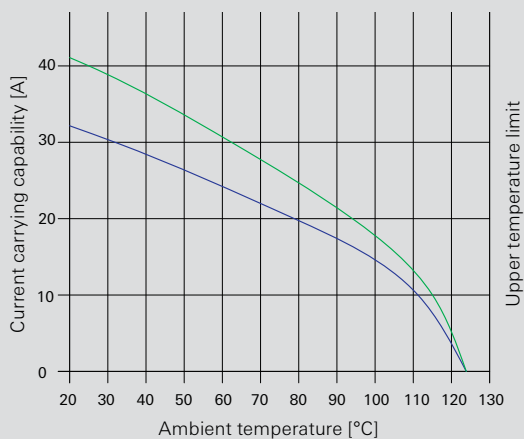
### Disassembling the power contacts

- 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<sup>POWER</sup>  
6-/36-pole

- Cross-section 2,5 mm<sup>2</sup>
- Cross-section 4 mm<sup>2</sup>





# 400 V and 690 V multipole adapter, screw connection

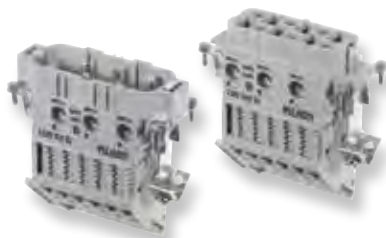


## Multipole adapter *revos*<sup>POWER</sup>



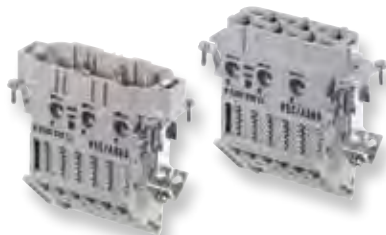
### 6-pole + ground 400 V Size 16

Compatible with 72.200/210.0653.0



### 6-pole + ground 690 V Size 16

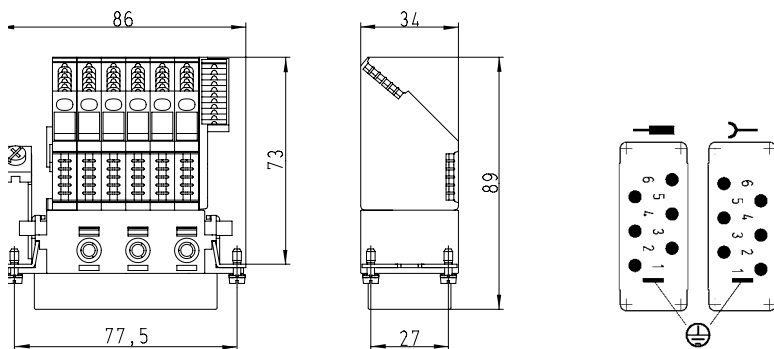
Compatible with 72.200/210.0653.0



Description	Type	Part No.	P.U.
<b>Multipole adapter <i>revos</i><sup>POWER</sup></b>			
<b>6-pole + ground 400 V</b>			
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
<b>Multipole adapter <i>revos</i><sup>POWER</sup></b>			
<b>6-pole + ground 690 V</b>			
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
<b>Technical data</b>			
Rated voltage	400 V	690 V	
Rated impulse voltage	6 kV	8 kV	
Rated voltage according to UL/CSA	600 V		
Rated current	35 A		
Degree of pollution	3		
<b>Rated cross section</b>			
EN 60999	2.5 – 6 mm <sup>2</sup>		
UL	14 – 8 AWG		
CSA	14 – 8 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Ag		
Insulation strip length	12 mm		
Contact resistance	≤ 1 mΩ		
Mating cycles	200		
<b>Screws</b>			
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.
<b>Open-bottom base <i>revos</i><sup>BASIC</sup></b>			
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

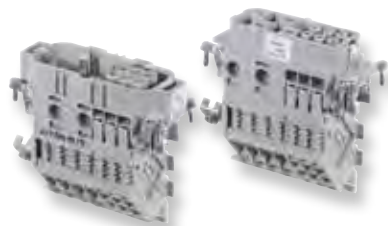


## Multipole adapter *revos*<sup>POWER</sup>



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

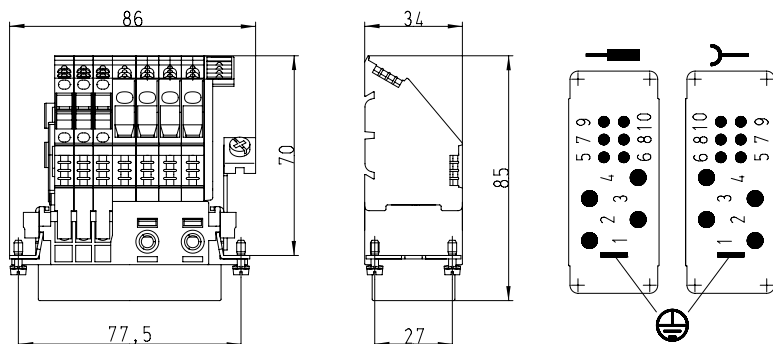
Compatible with 72.205/210.1053.0



Description	Type	Part No.	P.U.
<b>Multipole adapter <i>revos</i><sup>POWER</sup></b>			
Male insert, ground right	<b>4-/6-pole + ground</b> 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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	4 x 2.5 – 6 mm <sup>2</sup> and 6 x 1.5 – 4 mm <sup>2</sup>		
UL	4 x 14 – 8 AWG and 6 x 16-12 AWG		
CSA	4 x 14 – 8 AWG and 6 x 16-12 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Ag / Sn		
Insulation strip length	12 mm		
Contact resistance	≤ 1.5 mΩ		
Mating cycles	200		
<b>Screws</b>			
	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.
<b>Open-bottom base <i>revos</i><sup>BASIC</sup></b>			
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



# Data cable feed-through

## Data cable feed-through revos IT

### 2 bushings



### 3 bushings



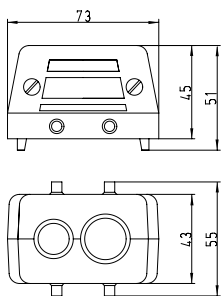
### 4 bushings



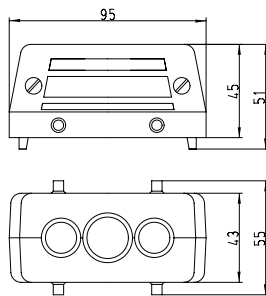
Description	Type	Part No.	P.U.
<b>Data cable feed-through revos IT</b>			
2 bushings, Size 10	IT DKE 10	70.060.1028.0	10
3 bushings, Size 16	IT DKE 16	70.060.1628.0	10
4 bushings, Size 24	IT DKE 24	70.060.2428.0	5
4 bushings, Size 24	IT DKE 24 R1	70.061.2428.0	5
<b>Technical data</b>			
<b>Number of Bushings</b>			
2 bushings	2		
3 bushings	3		
4 bushings	4		
<b>Cable diameter</b>			
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		
<b>Material</b>			
Housing	Die cast aluminum		
Gaskets	Neoprene (oil-resistant and anti-ageing)		
Clamping screws	galvanically zinc-plated steel		
<b>Protection degree according to EN60529</b>	IP 65		
<b>Temperature range</b>	-40 ... +100 °C		
Description	Type	Part No.	P.U.
<b>Accessories</b>			
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
<b>Housing Size 10</b>		70.320.1028.0	
<b>Housing Size 16</b>		70.320.1628.0	
<b>Housing Size 24</b>		70.320.2428.0	

# Dimensions

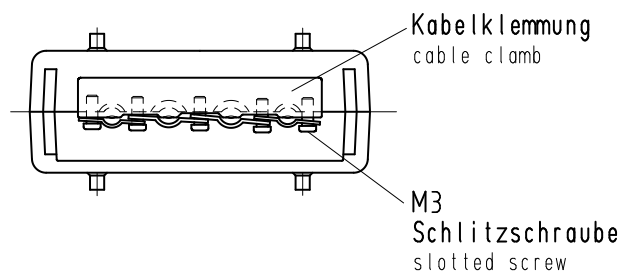
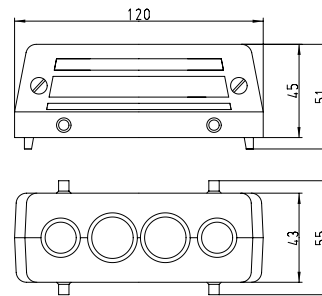
## 2 bushings



## 3 bushings



## 4 bushings



# 90 V contact inserts

## Contact inserts *revos* Ex



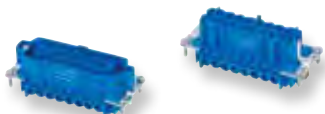
### 6-pole + ground Size 6



### 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.
<b>Contact inserts <i>revos</i> Ex 90 V</b>			
<b>6-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> Ex 90 V</b>			
<b>10-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> Ex 90 V</b>			
<b>16-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> Ex 90 V</b>			
<b>24-pole + ground</b>			
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
<b>Contact inserts <i>revos</i> Ex 90 V</b>			
<b>48-pole + ground</b>			
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 <sup>2</sup>
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	224–227
Size	10Ex	228–231
Size	16Ex	232–235
Size	24Ex	236–239
Size	48Ex	240–243

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:

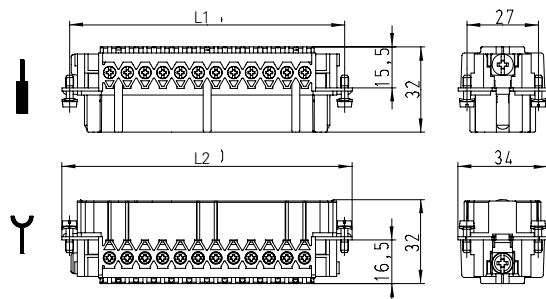
1. The heavy duty connectors must be attached to a device in such a way that a minimum protection rating of IP54 is maintained in accordance with EN 60529.
2. The heavy duty connectors can be used in an ambient temperature ranges from -20 °C to +60 °C.

#### \*Wire cross section

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

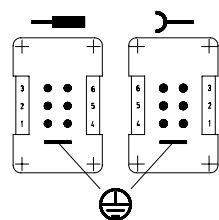
# Dimensions

## 6-pole + ground – 48-pole + ground

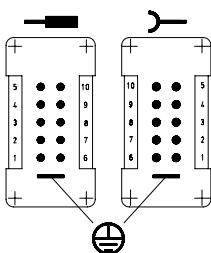


Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.0
16	77.5	83.0
24	104.0	110.0
48	104.0	110.0

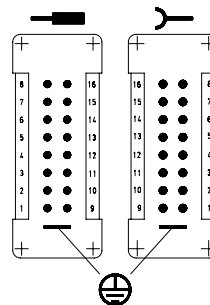
### 6-pole + ground



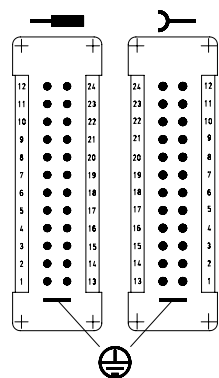
### 10-pole + ground



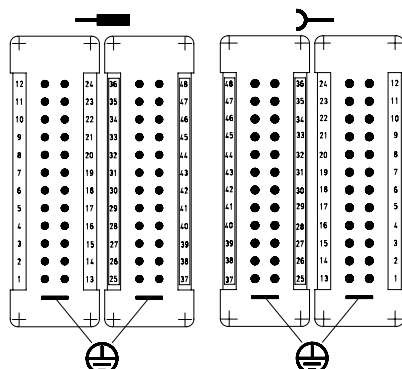
### 16-pole + ground



### 24-pole + ground



### 48-pole + ground



# Modular connector system 3-pole

## Modular inserts *revos*<sup>FLEX</sup>

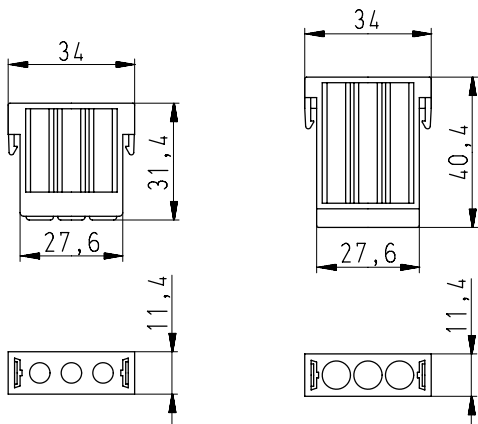


### 3-pole



Description	Type	Part No.	P.U.
<b>Modular inserts <i>revos</i><sup>FLEX</sup></b>			
<b>3-pole</b>			
Male insert	FLE STC 3 69	78.014.0353.0	10
Female insert	FLE BUC 3 69	78.004.0353.0	10
<b>Contacts</b>			
		mm <sup>2</sup> / 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
<b>Technical data</b>			
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		
<b>Derating curve</b>	Page 95		
Description	Type	Part No.	P.U.
<b>Accessories</b>			
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*<sup>FLEX</sup>

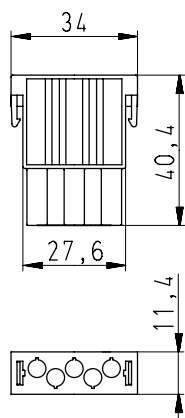
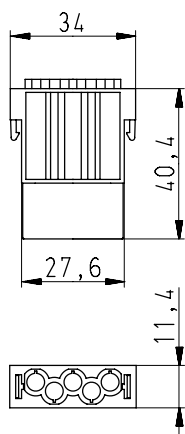


### 4-pole + ground



Description	Type	Part No.	P.U.
<b>Modular inserts <i>revos</i><sup>FLEX</sup></b>			
Male insert	<b>4-pole + ground</b> FLE STC 4P 1K	78.013.0453.0	10
Female insert	FLE BUC 4P 1K	78.003.0453.0	10
<b>Contacts</b>			
	mm <sup>2</sup> / 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
<b>Technical data</b>			
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		
<b>Derating curve</b>	Page 95		
Description	Type	Part No.	P.U.
<b>Accessories</b>			
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

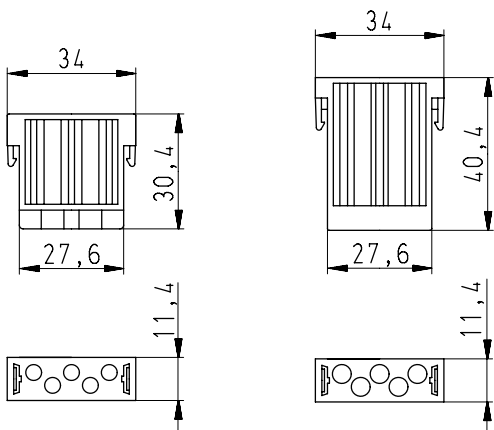


### 5-pole



Description	Type	Part No.	P.U.
<b>Modular inserts <i>revos</i>FLEX</b>			
<b>5-pole</b>			
Male insert	FLE STC 5 25	78.013.0553.0	10
Female insert	FLE BUC 5 25	78.003.0553.0	10
<b>Contacts</b>			
	mm <sup>2</sup> / 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
<b>Technical data</b>			
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		
<b>Derating curve</b>	Page 95		
Description	Type	Part No.	P.U.
<b>Accessories</b>			
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*<sup>FLEX</sup>



### 10-pole



## Modular inserts *revos*<sup>FLEX</sup>



### 10-pole



Description	Type	Part No.	P.U.
<b>Modular inserts <i>revos</i><sup>FLEX</sup></b>			
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
<b>Derating curve</b>	Page 95

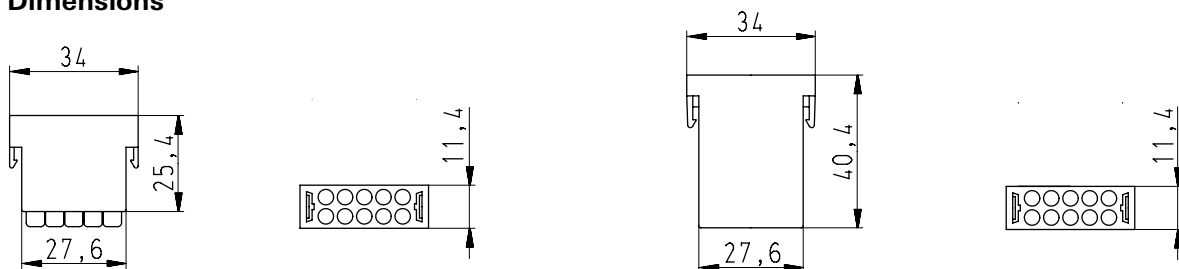
Modular inserts <i>revos</i> <sup>FLEX</sup>		10-pole	
Male insert	FLE STC 10 40 sw	78.012.1053.1	10
Female insert	FLE BUC 10 40 sw	78.002.1053.1	10

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
<b>Derating curve</b>	Page 95

Description	Type	Part No.	P.U.
<b>Contacts</b>			
	mm <sup>2</sup> / 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.
<b>Modular inserts revos FLEX</b>			
<b>20-pole</b>			
Male insert	FLE STC 20 10	78.011.2053.0	10
Female insert	FLE BUC 20 10	78.001.2053.0	10
<b>Contacts</b>			
	mm <sup>2</sup> / 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
<b>Derating curve</b>	Page 95

Description	Type	Part No.	P.U.
<b>Accessories</b>			
Crimping tool		95.101.0800.0	1
Crimping die	"A"	05.502.2000.0	1
Contact positioner	"4"	05.502.3800.0	1
Hand crimping tool without contact positioner		95.101.2100.0	1
Hand crimping tool with contact positioner		95.101.2200.0	1
Insertion and extraction tool		05.502.0410.0	1
Extraction tool for modular inserts		05.502.1010.0	1

## Modular inserts revos FLEX



### Blind module

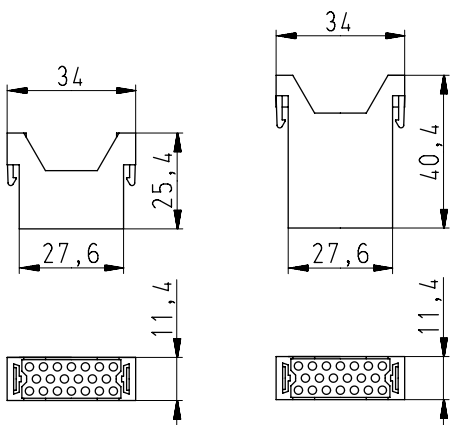


Description	Type	Part No.	P.U.
<b>Modular inserts revos FLEX</b>			
<b>Blind module</b>			
Male		05.562.6353.0	10
Female		05.562.6453.0	10

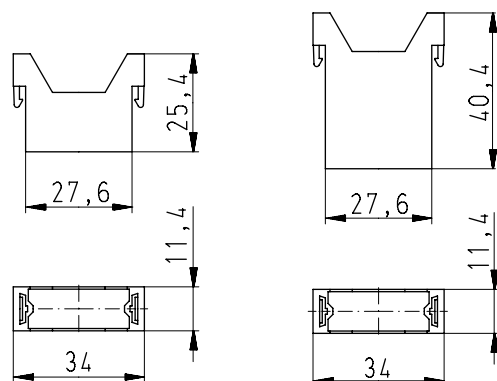
Technical data	
Insulating material	Polyamide 66, halogen-free
Flammability	UL 94 V-0
Temperature range	-40 ... +120 °C

## Dimensions

### 20-pole



### Blind module



# Derating curve

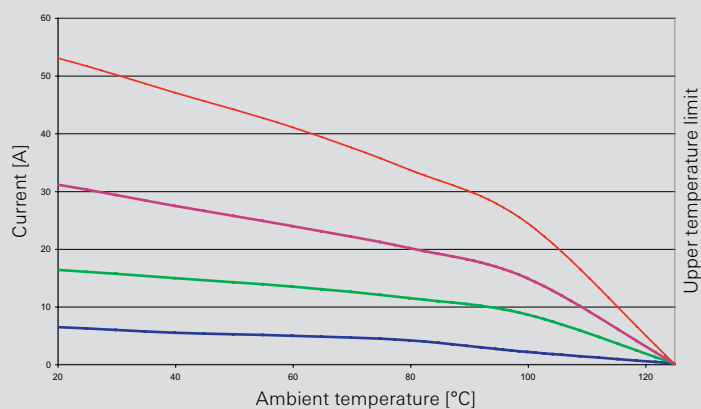
## Derating curve

according to IEC 60512 sec. 3

revos FLEX

Size 6,  
equipped with 2 modules

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



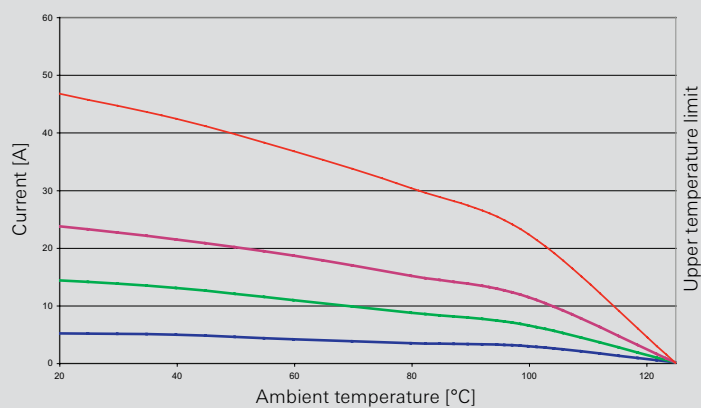
## Derating curve

according to IEC 60512 sec. 3

revos FLEX

Size 10,  
equipped with 3 modules

- Contact Ø 1 mm stamped, 0.5 mm<sup>2</sup>, 3x20 poles
- Contact Ø 1.6 mm turned, 1.5 mm<sup>2</sup>, 3x10 poles
- Contact Ø 2.5 mm turned, 2.5 mm<sup>2</sup>, 3x5 poles
- Contact Ø 3.6 mm turned, 6 mm<sup>2</sup>, 3x3 poles



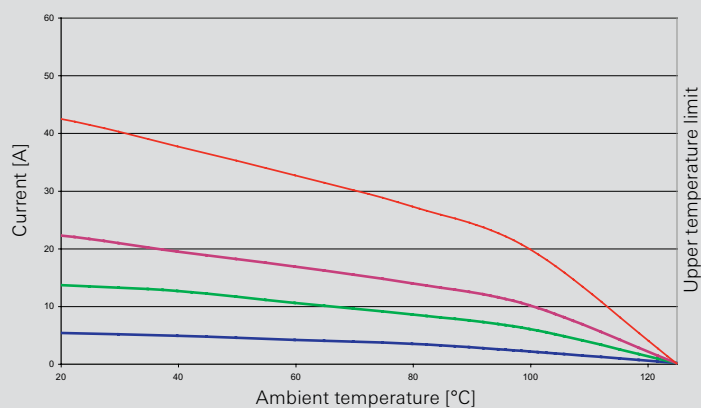
## Derating curve

according to IEC 60512 sec. 3

revos FLEX

Size 16,  
equipped with 5 modules

- Contact Ø 1 mm stamped, 0.5 mm<sup>2</sup>, 5x20 poles
- Contact Ø 1.6 mm turned, 1.5 mm<sup>2</sup>, 5x10 poles
- Contact Ø 2.5 mm turned, 2.5 mm<sup>2</sup>, 5x5 poles
- Contact Ø 3.6 mm turned, 6 mm<sup>2</sup>, 5x3 poles



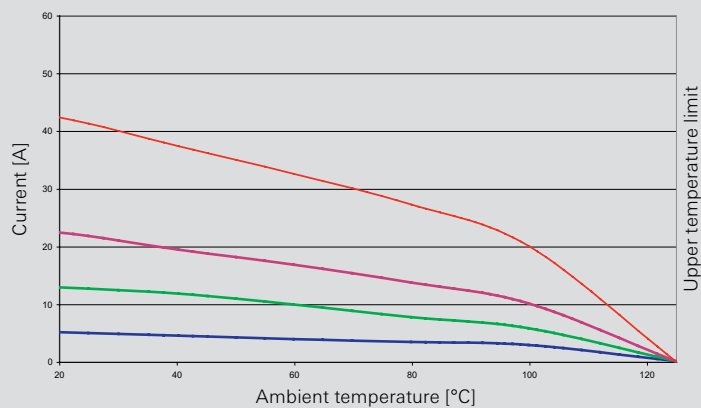
## Derating curve

according to IEC 60512 sec. 3

revos FLEX

Size 24,  
equipped with 7 modules

- Contact Ø 1 mm stamped, 0.5 mm<sup>2</sup>, 7x20 poles
- Contact Ø 1.6 mm turned, 1.5 mm<sup>2</sup>, 7x10 poles
- Contact Ø 2.5 mm turned, 2.5 mm<sup>2</sup>, 7x5 poles
- Contact Ø 3.6 mm turned, 6 mm<sup>2</sup>, 7x3 poles



# Modular connector system

## Modular inserts *revos*<sup>FLEX</sup>

### Pneumatic module 1 connection



### Pneumatic module 2 connections

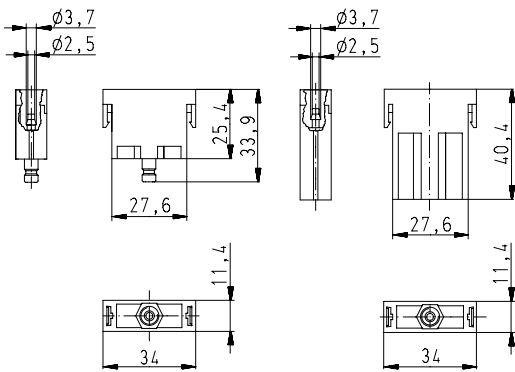


Description	Type	Part No.	P.U.
<b>Modular inserts <i>revos</i><sup>FLEX</sup></b>			
<b>1 connection</b>		<b>Pneumatic module Ø 2,5 mm</b>	
Male insert	FLE STP 1 2.5	78.913.0153.0	5
Female insert with valve	FLE BUP 1 2.5	78.903.0153.0	5
<b>2 connections</b>			
Male insert	FLE STP 2 2.5	78.913.0253.0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

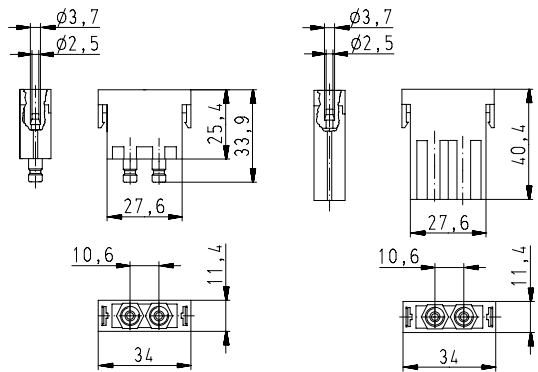
## Dimensions

### Pneumatic module Ø 2.5 mm

#### 1 connection

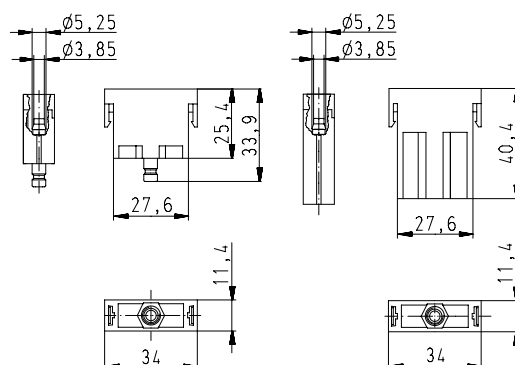


#### 2 connections

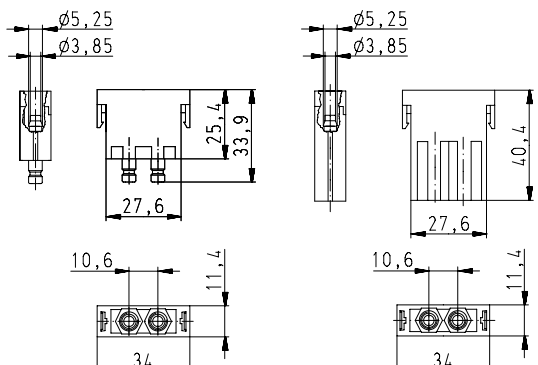


### Pneumatic module Ø 4 mm

#### 1 connection



#### 2 connections



# Modular connector system

## Modular inserts **revos**FLEX

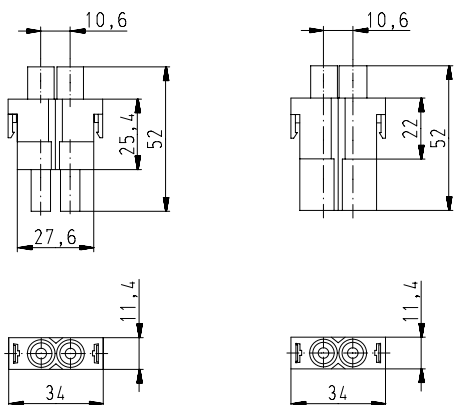


### High voltage module 2-pole



Description	Type	Part No.	P.U.
<b>Modular inserts <b>revos</b>FLEX</b>			
<b>2-pole</b>			
Male insert	FLE SUC 2 5K	78.013.0253.0	5
Female insert	FLE BUC 5 5K	78.003.0253.0	5
<b>Contacts</b>			
	mm <sup>2</sup> / 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
<b>Technical data</b>			
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.
<b>Accessories</b>			
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**<sup>FLEX</sup>



### High current module 1-pole + ground



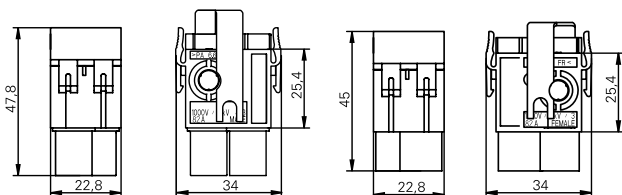
### High current module 2-pole



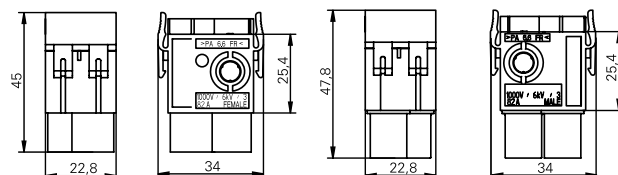
Description	Type	Part No.	P.U.
<b>Modular inserts <b>revos</b><sup>FLEX</sup></b>			
<b>1-pole + ground</b>			
Male insert	FLE STS 1P 25 1K AG	78.116.0153.0	5
Female insert	FLE BUS 1P 25 1K AG	78.106.0153.0	5
<b>Modular inserts <b>revos</b><sup>FLEX</sup></b>			
<b>2-pole</b>			
Male insert	FLE STS 2 25 1K AG	78.116.0253.0	5
Female insert	FLE BUS 2 25 1K AG	78.106.0253.0	5
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	10 – 25 mm <sup>2</sup>		
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

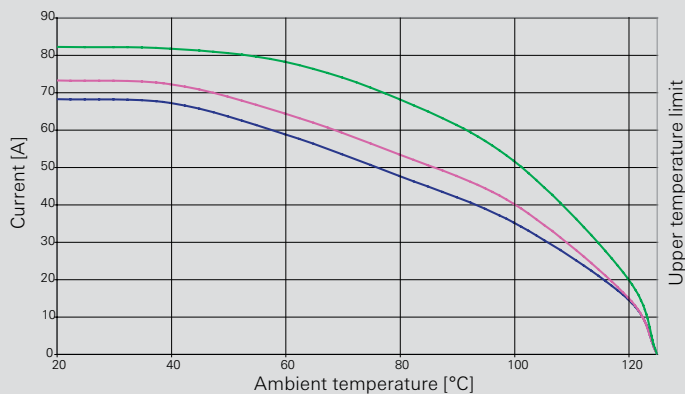
according to IEC 60512 sec. 3

**revos**<sup>FLEX</sup>

high voltage module 78.106/116.01/0253.0

1000 V / 82 A

- 10 mm<sup>2</sup>
- 16 mm<sup>2</sup>
- 25 mm<sup>2</sup>





# Modular connector system

## Modular inserts revos<sup>FLEX</sup> HC 1M

US pending

### High current module with crimp connection

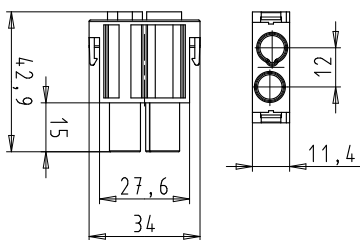


Description	Type	Part No.	P.U.
<b>Modular inserts revos<sup>FLEX</sup></b>			
Male insert	FLE STC 2 16 1	78.014.0253.0	10
Female insert	FLE BUC 2 16 1	78.004.0253.0	10
<b>Contacts</b> mm <sup>2</sup> / AWG, turned Ø 3,6 mm			
Male insert, Ag	16 / 6	05.546.3021.8	20
Female insert, Ag	16 / 6	02.126.9721.8	20
<b>Technical data</b>			
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 <sup>12</sup> Ω		
Rated cross-section (EN 60999)	16 mm <sup>2</sup>		
Rated cross-section (UL/CSA)	6 AWG		
<b>Material</b>			
Insulating housing	PA		
Colour	black		
Flammability	UL 94 V-0		
<b>Contacts</b>			
Contact surface	silver plated		
Rated cross-section	16 mm <sup>2</sup>		
Numbers of poles	2		
Mating cycles	500		
Temperature range	-40 °C ... + 120 °C		
Description	Part No.	Part No.	
<b>Accessoires</b>			
Crimping tool	95.000.1000.0	<b>Contacts</b>	
Crimping die for connection range 10 mm <sup>2</sup>	05.502.5300.0	<b>Fork cable lug</b>	
Fork cable lug for protective earth connection 10 mm <sup>2</sup>		95.101.0800.0	
Fork cable lug for protective earth connection 16 mm <sup>2</sup>		06.600.6127.6	
Crimping die for connection range 10 mm <sup>2</sup>		06.600.6227.6	
Crimping die for connection range 16 mm <sup>2</sup>		05.502.2800.0	
Extraction tool	05.502.0910.0	05.502.2900.0	

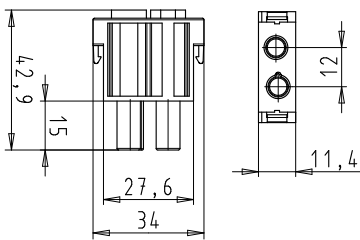
Klauke type 60/22-L pneumatic crimping tool can also be used.

## 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!

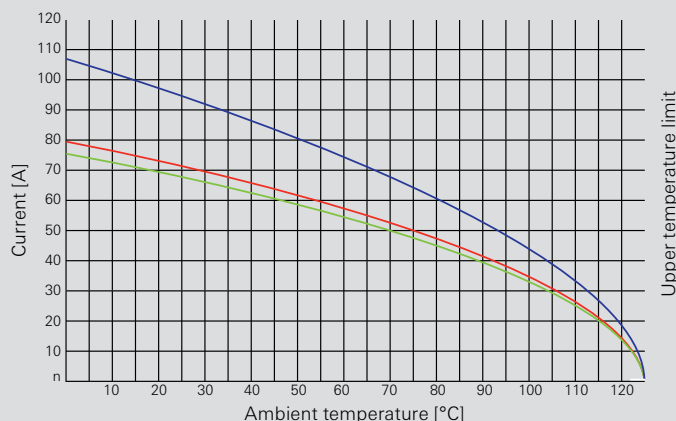
## Derating curve

according to IEC 60512-2 test 5b

revos<sup>FLEX</sup>


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

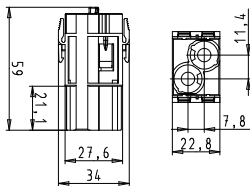
c  pending



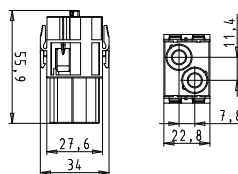
Description	Type	Part No.	P.U.
<b>Modular inserts revos FLEX</b>			
Male insert	FLE STC 2 35 1	78.016.0253.0	10
Female insert	FLE BUC 2 35 1	78.006.0253.0	10
<b>Contacts</b>			
	mm <sup>2</sup> / AWG, gedreht Ø 6 mm		
Male insert, Ag	16 / 6	05.546.2721.8	20
Female insert, Ag	16 / 6	02.126.7421.8	20
Male 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
<b>Technical data</b>			
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 <sub>amb</sub> = 40 °C) & 35 mm <sup>2</sup> Leiter	150 A (UL, CSA 120 A)		
Continuity resistor	< 1 mΩ		
Insulation resistor	> 10 <sup>9</sup> Ω		
Rated cross-section (EN 60999)	16-35 mm <sup>2</sup>		
Rated cross-section (UL/CSA)	2 AWG		
<b>Material</b>			
Insulating housing	PA		
Colour	black		
Flammability	UL 94 V-0		
<b>Contacts</b>			
Contact surface	silver plated		
Rated cross-section	16 / 25 / 35 mm <sup>2</sup>		
Numbers of poles	2		
Mating cycles	500		
Temperature range	-40 °C ... + 120 °C		
Description	Type	Part No.	P.U.
<b>Zubehör</b>			
Crimping tool	95.000.1000.0	95.101.0800.0	
Crimping die for connection range 10 mm <sup>2</sup>		05.502.2800.0	
Crimping die for connection range 16 mm <sup>2</sup>	05.502.4600.0	05.502.2900.0	
Crimping die for connection range 25 mm <sup>2</sup>	05.502.4700.0		
Crimping die for connection range 35 mm <sup>2</sup>	05.502.4800.0		
Fork cable lug for protective earth connection 10mm <sup>2</sup>		06.600.6127.6	
Fork cable lug for protective earth connection 16mm <sup>2</sup>		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!

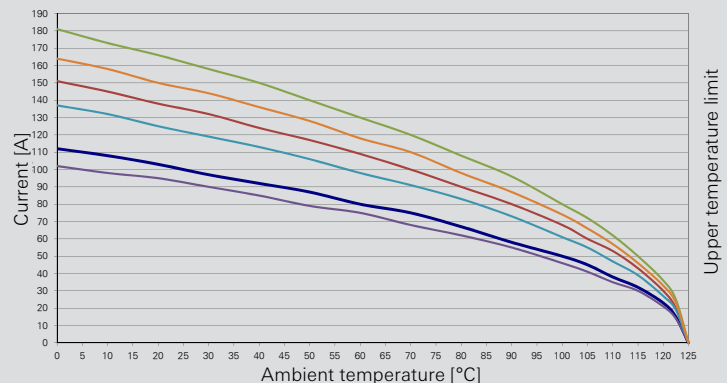
## Derating curve

according to IEC 60512 sec. 3

revos FLEX

High current module 78.006/016.0253.0  
1000 V / 150 A

- 2-pole / 16 mm<sup>2</sup>
- 2-pole / 25 mm<sup>2</sup>
- 2-pole / 35 mm<sup>2</sup>
- 2 x 3-pole / 16 mm<sup>2</sup>
- 2 x 3-pole / 25 mm<sup>2</sup>
- 2 x 3-pole / 35 mm<sup>2</sup>



# Modular connector system

## Modular inserts **revos**FLEX



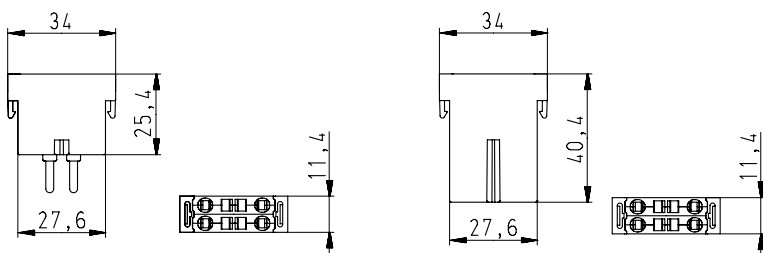
### Spring clamp module 4-pole



Description	Type	Part No.	P.U.
<b>Modular inserts <b>revos</b>FLEX</b>			
Male insert	<b>4-pole</b> 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
<b>Technical data</b>			
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		
<b>Rated cross section</b>			
EN 60999	0.5 – 2.5 mm <sup>2</sup>		
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.
<b>Accessories</b>			
Screwdriver blade	DIN 5264 A 0,6 x 3,5 mm	06.502.4000.0	5

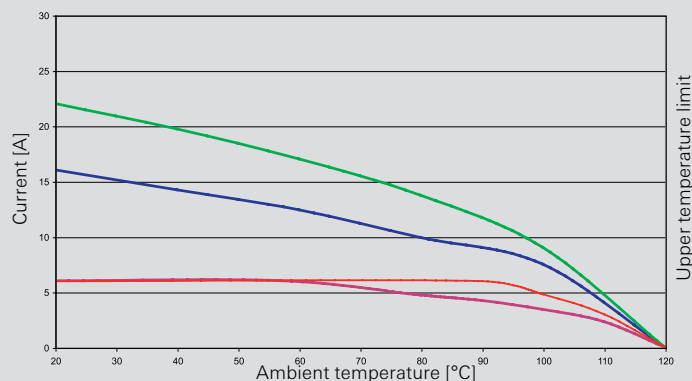
## Dimensions

### Spring clamp module 4-pole





### Derating curve according to IEC 60512 sec. 3 **revos**FLEX<sup>2,2</sup>

- 2.5 mm<sup>2</sup> highest number of pole (28-contacts / Size 24)
- 2.5 mm<sup>2</sup> highest number of pole (8-contacts / Size 6)
- 0.5 mm<sup>2</sup> highest number of pole (28-contacts / Size 24)
- 0.5 mm<sup>2</sup> highest number of pole (8-contacts / Size 6)

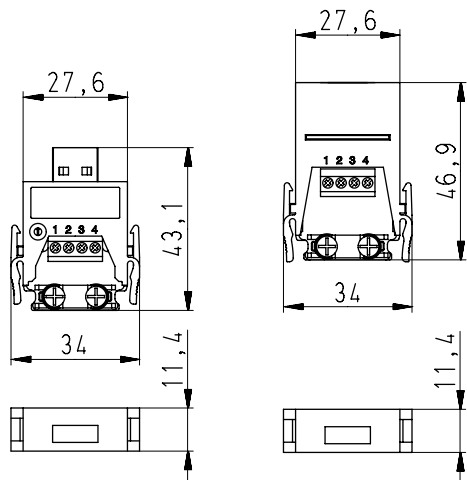


# Modular connector system

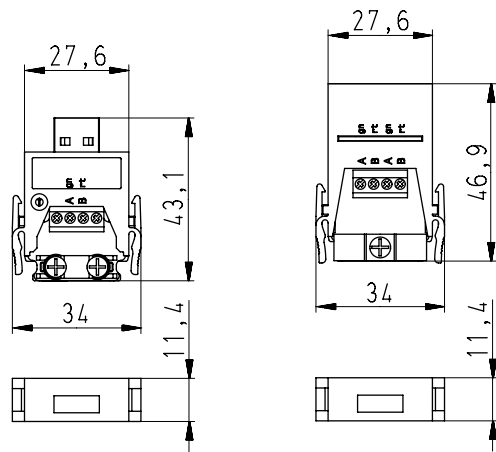
Modular inserts <b>revos</b> <sup>FLEX</sup>		Description	Type	Part No.	P.U.
<b>USB module</b>		<b>Modular inserts <b>revos</b><sup>FLEX</sup></b>			
		<b>USB module</b>			
		Male insert	FLE STK 4S 1,5 03 AU	78.111.0453.0	5
		Female insert	FLE BUK 4S 1,5 03 AU	78.101.0453.0	5
<b>Profibus module</b>		<b>Modular inserts <b>revos</b><sup>FLEX</sup></b>			
		<b>Profibus module</b>			
		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
<b>Technical data</b>					
Rated voltage		30 V			
Rated voltage according to UL/CSA		-			
<b>Conductor cross section</b>					
USB module		0.8 – 1.5 mm <sup>2</sup> / 28 – 16 AWG			
Profibus module		according to PROFIBUS DP regulations			
Rated current		1 A			
<b>Number of poles</b>					
USB module		4+screen			
Profibus module		2+screen			
Connection torques screen / PCB connector		0.5 Nm / 0.2 Nm			
<b>Data transmission rate</b>					
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*<sup>FLEX</sup>



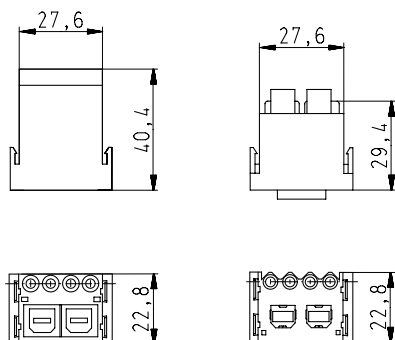
### RJ45 module



Description	Type	Part No.	P.U.
<b>Modular inserts <i>revos</i><sup>FLEX</sup></b>			
<b>RJ45 module</b>			
Male insert	FLE SRC 4 40	78.930.0453.0	5
Female insert	FLE BRC 4 40	78.920.0453.0	5
<b>Contacts</b>			
	mm <sup>2</sup> / 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
<b>Technical data</b>			
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.
<b>Accessories</b>			
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**<sup>FLEX</sup> TWIN BUS



Description	Type	Part No.	P.U.
<b>Modular inserts <b>revos</b><sup>FLEX</sup></b>			
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
<b>Kontakte</b>	mm <sup>2</sup> / 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 <sup>2</sup>
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

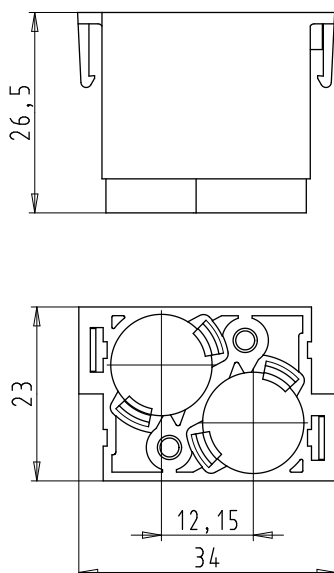
Description	Type	Part No.	P.U.
<b>Accessories</b>			
Crimping tool		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"1"	05.502.3100.0	1
Extraction tool		05.502.0710.0	1

### Wire cross section

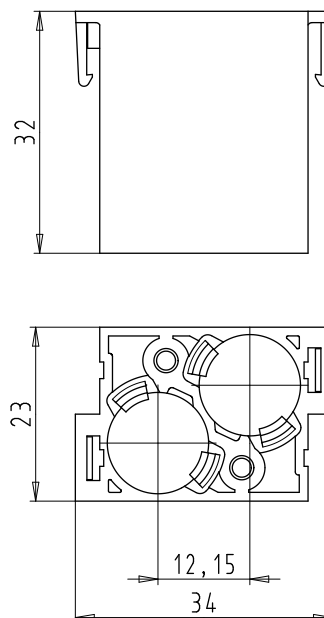
	Rated current	
	UL	CSA
16 AWG, stranded, Cu	20.5 A	11 A
18 AWG, stranded, Cu	18 A	9.5 A
20 AWG, stranded, Cu	14 A	7.5 A
22 AWG, stranded, Cu	12 A	6 A
24 AWG, stranded, Cu	8.5 A	4.5 A
26 AWG, stranded, Cu	7 A	3.5 A

# Dimensions

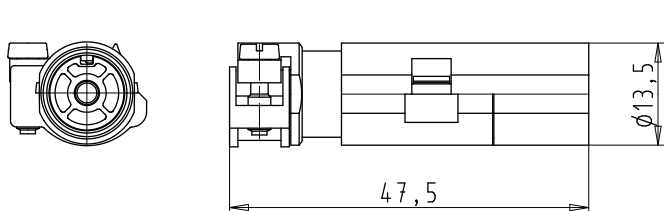
## Male insert



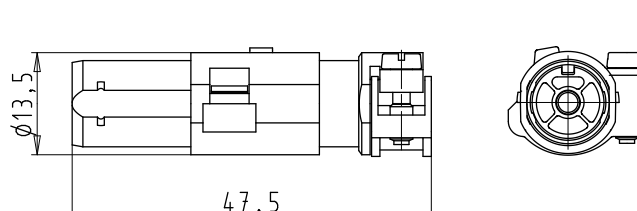
## Female insert



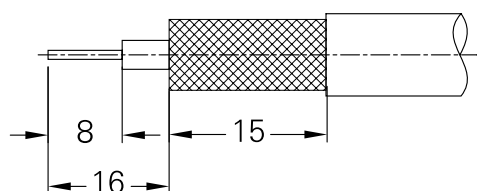
## Contact holder male insert



## Contact holder female insert



## Insulation strip length



# Modular connector system

## Module frame *revos*<sup>FLEX</sup>

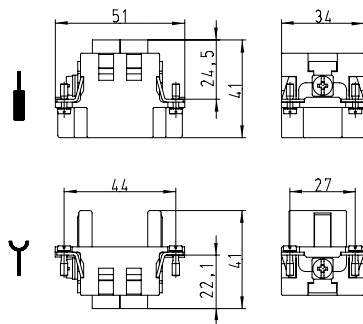


Figures:  
2-Slots and 7-Slots  
Male / Female

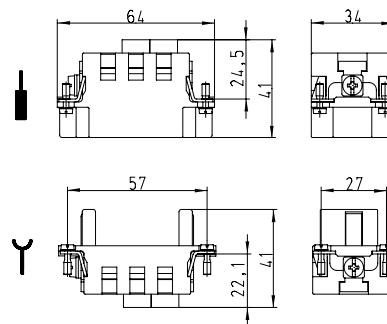
Description	Type	Part No.	P.U.
<b>Module frame <i>revos</i><sup>FLEX</sup> gray RAL 7032</b>	<b>2-Slots, Size 6</b>		
Male	FLE MRS 6	78.010.0653.0	10
Female	FLE MRB 6	78.000.0653.0	10
<b>Module frame <i>revos</i><sup>FLEX</sup> gray RAL 7032</b>	<b>3-Slots, Size 10</b>		
Male	FLE MRS 10	78.010.1053.0	10
Female	FLE MRB 10	78.000.1053.0	10
<b>Module frame <i>revos</i><sup>FLEX</sup> gray RAL 7032</b>	<b>5-Slots, Size 16</b>		
Male	FLE MRS 16	78.010.1653.0	10
Female	FLE MRB 16	78.000.1653.0	10
<b>Module frame <i>revos</i><sup>FLEX</sup> gray RAL 7032</b>	<b>7-Slots, Size 24</b>		
Male	FLE MRS 24	78.010.2453.0	10
Female	FLE MRB 24	78.000.2453.0	10
<b>Technical data</b>			
Insulating material	Polycarbonate, halogen-free		
Flammability class	UL 94 V-0		
Temperature range	-40 ... +120 °C		
<b>Housing <i>revos</i><sup>BASIC</sup> / <i>revos</i><sup>BASIC M</sup></b>	Type	Page	
Size	6/6H	118–125, 190–191, 194, 196	
Size	10/10H	126–143, 190–192, 198, 200	
Size	16/16H	144–163, 190–191, 202, 204	
Size	24/24H	164–183, 190–191, 206, 208	

## Dimensions

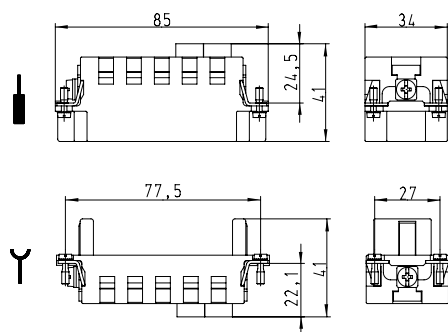
### 2-Slots



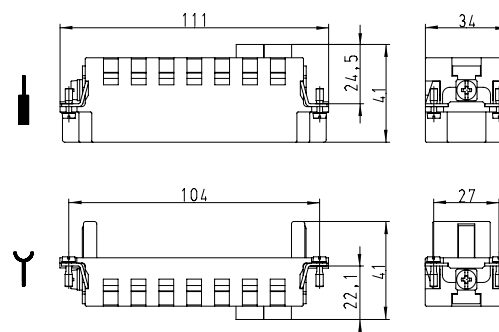
### 3-Slots



### 5-Slots



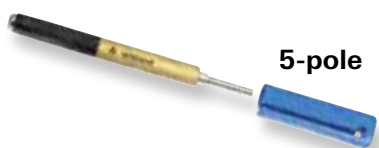
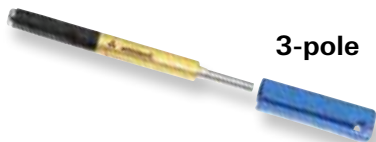
### 7-Slots





# Modular connector system – Extraction tool

## Extraction tool



for modular inserts



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



# Module Carrier and Upper Shell

## Module Carrier and Upper Shell revos FLEX COMPACT 1M

### Module Carrier with locking lever without locking lever



### Upper Shell Lateral cable entry



### Upper Shell Top cable entry



Description	Type	M	Part No.	P.U.
<b>Module Carrier</b>				
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
<b>Upper Shell</b>				
<b>Lateral cable entry M20</b>				
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
<b>Lateral cable entry M25</b>				
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
<b>Top cable entry M20</b>				
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
<b>Top cable entry M25</b>				
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

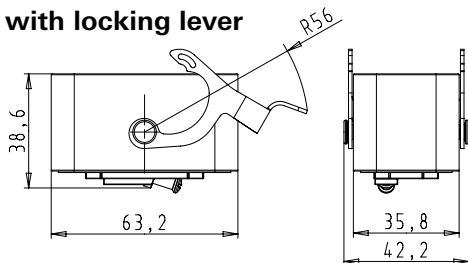
Technical data	
Material	aluminum
Surface	-
Locking levers	stainless steel
Gasket	NBR
PE connection	0.34 – 10 mm <sup>2</sup>
Corrosion protection	1440 hrs (ISO 9227)
Mating cycles	500 (EN 61984)
Vibration	Class B – Category 1 (DIN EN 50155)
<b>Degree of protection</b>	
with appropriate cable glands	IP65 & IP68 (3 m / 10 hrs) & IP69k (DIN EN 60529)
Temperature range	-40 °C – +120 °C
<b>EMC</b>	
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)	
<b>Approval</b>	
NEMA-Degree of protection	UL Type 4x
Applicable modules	all modules with module width 1

Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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 7.5 – 14 mm	20	Z5.503.7221.0	10
Cable gland IP68 EMC, nickel-plated brass	Connection range 10 – 18 mm	25	Z5.503.7321.0	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

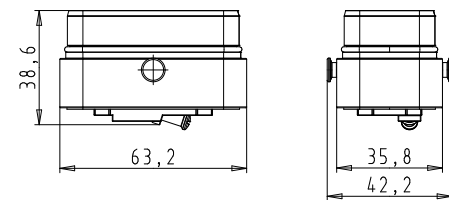
## Dimensions

### Module Carrier

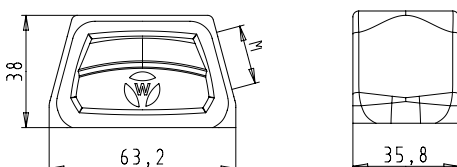
#### with locking lever



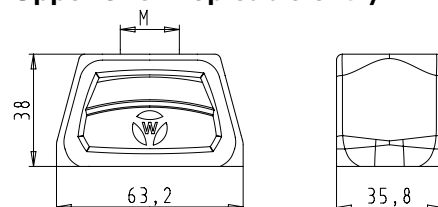
#### without locking lever



### 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.

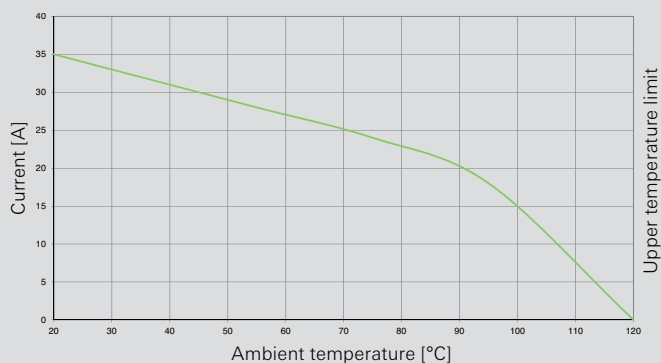
A combination for a cable-to-cable connection consists of two upper shells, one module carrier with locking lever and one without locking lever.

# 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 mm<sup>2</sup>, 2-pole

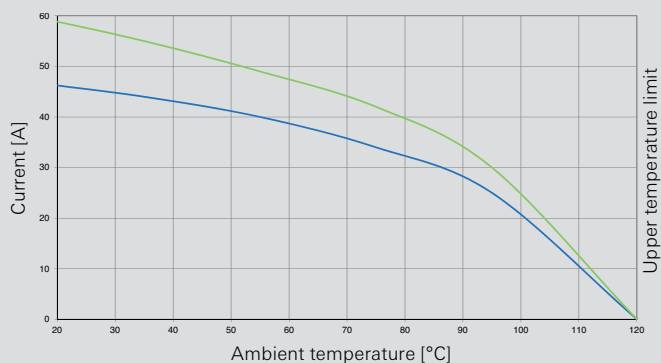


## Derating curve according to IEC 60512 sec. 3

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

— Contact Ø 3.6 mm turned, 6.0 mm<sup>2</sup>, 3-pole

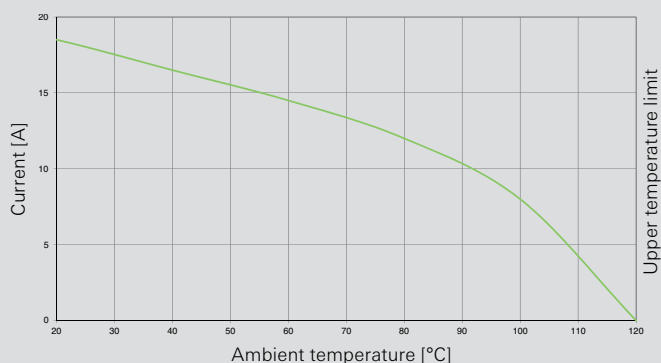
— Contact Ø 3.6 mm turned, 10 mm<sup>2</sup>, 3-pole



## 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 mm<sup>2</sup>, 4-pole

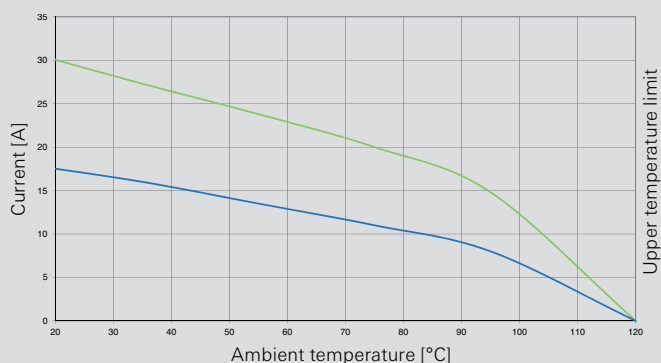


## Derating curve according to IEC 60512 sec. 3

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

— Contact Ø 2.5 mm turned, 1.0 mm<sup>2</sup>, 5-pole

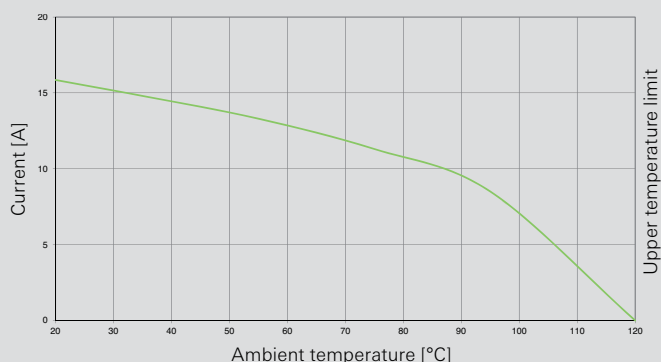
— Contact Ø 2.5 mm turned, 2.5 mm<sup>2</sup>, 5-pole



## 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 mm<sup>2</sup>, 10-pole

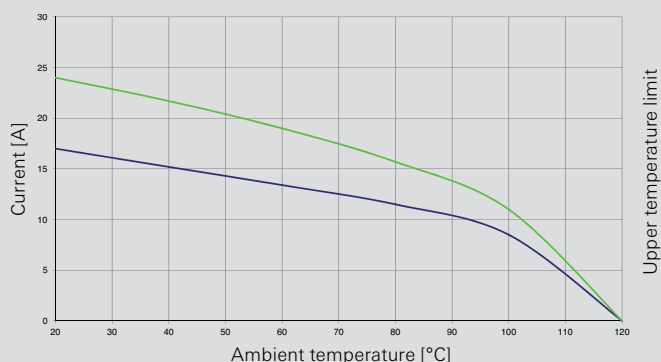


## Derating curve according to IEC 60512 sec. 3

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

— Ø 1.0 mm<sup>2</sup>, 4-pole

— Ø 2.5 mm<sup>2</sup>, 4-pole



# 690 V Plastic connector

## Plastic connector *revos*<sup>MOT</sup>



### 10-pole + ground



### Open-bottom base

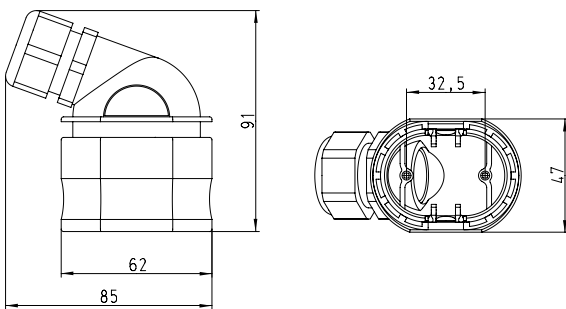


Description	Type	Part No.	P.U.
<b>Plastic connector <i>revos</i><sup>MOT</sup></b>			
<b>Hood, side cable entry</b>			
with M25 gland → ← 7 – 16 mm	<b>10-pole + ground</b> MOT GOT 2 W25 SW P0	75.013.0051.0	10
with threaded bore hole M25	MOT GOT 2 W25 SW P2	75.013.0051.2	10
<b>Bases</b>			
open	MOT GUT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

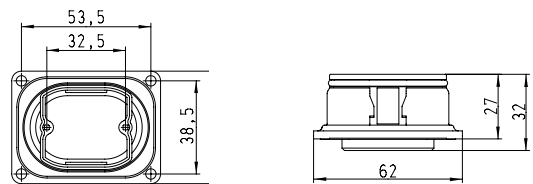
### Hood 10-pole + ground

#### side cable entry



### Bases 10-pole + ground

#### open



# 690 V contact inserts

## Contact inserts

revos MOT



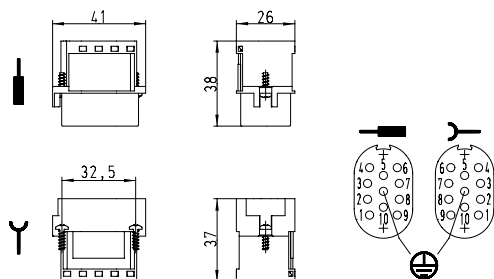
### 10-pole + ground



Description	Type	Part No.	P.U.
<b>Contact inserts revos MOT</b>			
<b>10-pole + ground</b>			
Male insert	MOT STC 2 10 69	75.012.5053.0	10
Female insert	MOT BUC 2 10 69	75.012.0053.0	10
<b>Contacts</b>			
	mm <sup>2</sup> / 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		
<b>Example:</b>	Female insert, silver-plated, 1.5 mm <sup>2</sup> / Part No. 02.123.7202.0		
<b>Technical data</b>			
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.
<b>Accessories</b>			
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







## ***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<sup>MINI</sup>



Lateral cable entry



Top cable entry



for cable-to-cable couplings

### Plastic housings for revos<sup>MINI</sup>



Lateral cable entry



Top cable entry



for cable-to-cable couplings

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

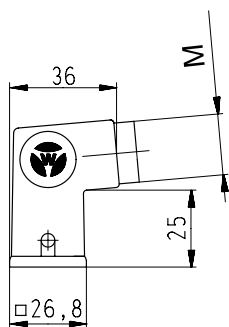
Technical data		
Material	metal	plastic
	Die cast zinc alloy	Polyamide
Surface	silicon-free	
Locking levers	zinc-plated steel	
Gasket	NBR	
<b>Degree of protection</b>		
with latched locking levers	IP54	
with appropriate cable glands	IP65	
Temperature range	-40 ... +120 °C	

Description	Type	Part No.	P.U.
<b>Accessories</b>			
<b>Cover without gasket for male insert</b>			
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
<b>Cover with gasket for female insert</b>			
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
<b>Contact inserts</b>			Page 28–31

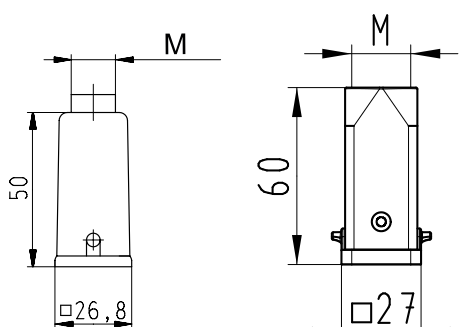
## Dimensions

### Hoods

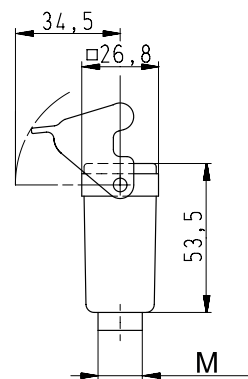
#### Lateral cable entry



#### Top cable entry

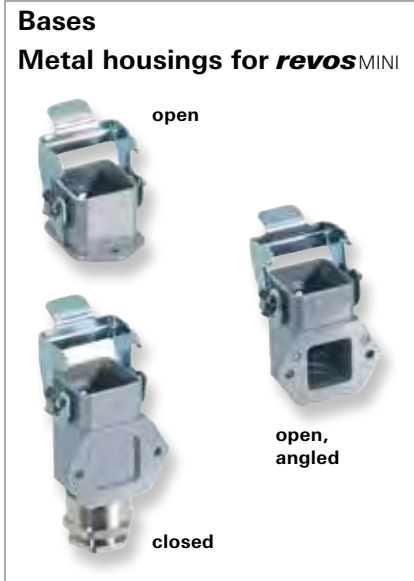


#### for cable-to-cable couplings





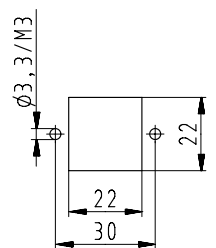
# Bases



Description	Type	M	Part No.	P.U.
<b>Bases</b>	<b>Metal housings for revos<sup>MINI</sup></b>			
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
<b>Bases</b>	<b>Plastic housings for revos<sup>MINI</sup></b>			
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	
<b>Degree of protection</b>		
with latched locking levers	IP54	
with appropriate cable glands	IP65	
Temperature range	-40 ... +120 °C	

Description	Type	Part No.	P.U.
<b>Accessories</b>			
<b>Cover without gasket for male insert</b>			
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
<b>Cover with gasket for female insert</b>			
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
<b>Contact inserts</b>		Page 28–31	

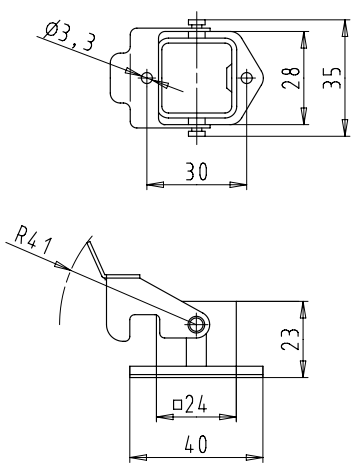


**Drilling Template**

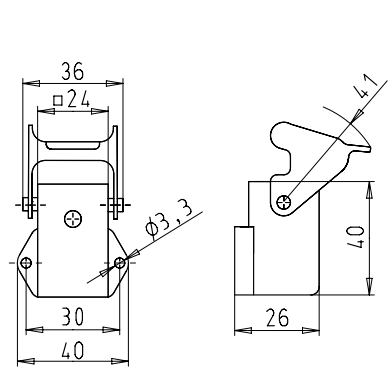
## Dimensions

### Bases

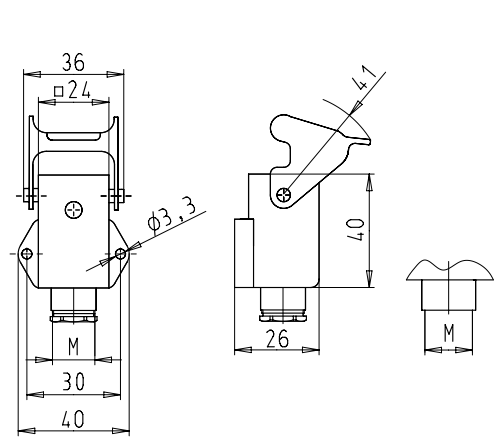
#### open



#### open, angled



#### closed



# Hoods

## Hoods Metal housings for *revos* MINI Screw lock

Top cable entry

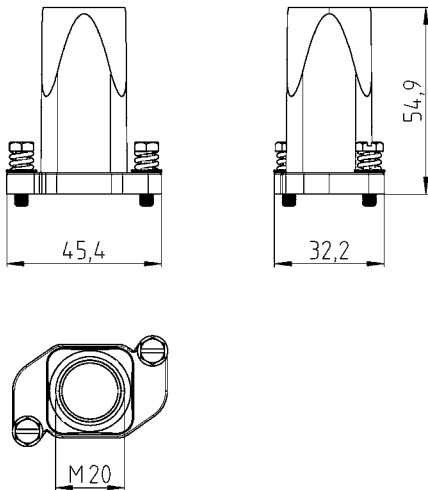


Description	Type	M	Part No.	P.U.
<b>Hoods</b>	<b>Aluminum housing</b>			
<b>Top cable entry M20</b>				
with threaded collar	MIN GOM GD 7 M20 Z1	20	76.452.0736.1	5
<b>Top cable entry M25</b>				
with threaded collar	MIN GOM GD 7 M25 Z1	25	76.454.0736.1	5
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers at Multipole connectors	Screw plug			
Gasket at Multipole connectors	NBR			
<b>Degree of protection</b>				
with appropriate cable glands	IP69k			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	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

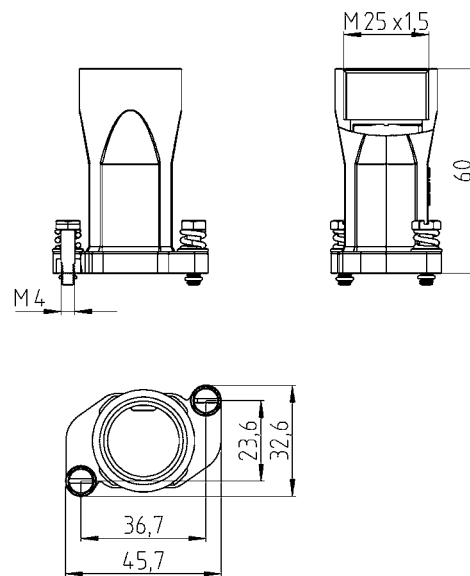
## Dimensions

### Hoods

#### Top cable entry M20

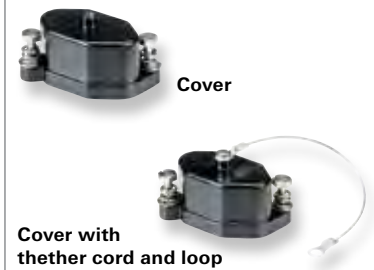


#### Top cable entry M25



# Bases

## Bases Metal housings for *revos* MINI Screw lock



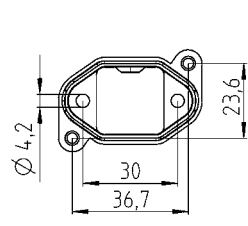
Description	Type	M	Part No.	P.U.
<b>Bases</b>	<b>Aluminum housing</b>			
<b>open</b>	MIN GUM GD 7 Z	-	76.420.0736.0	5
<b>straight cable entry, with closed bottom</b>	MIN GUM GF 7 M20 Z1	20	76.422.0736.1	5

Technical data	
Material	Die cast aluminum alloy
Surface	silicon-free
Locking levers at Multipole connectors	Screw plug
Gasket at Multipole connectors	NBR
<b>Degree of protection</b>	
with appropriate cable glands	IP69k
Temperature range	-40 ... +120 °C

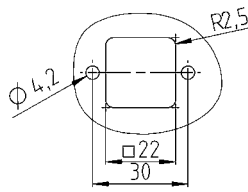
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
Cover for housing bases	MIN AD DC Z	-	27.432.6136.0	5
Cover for housing bases with tether cord and loop	MIN AD DC FS Z	-	27.432.6236.0	5

## Dimensions

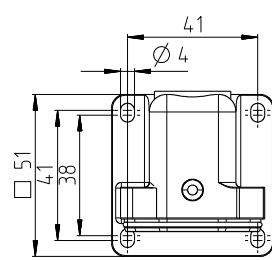
### Bases open



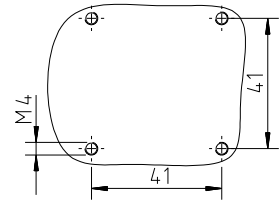
### Drilling Template



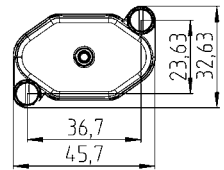
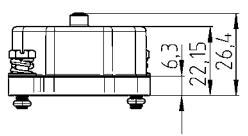
### open, angled



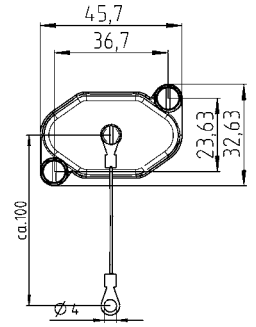
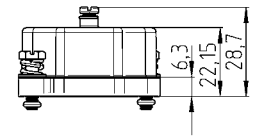
### Drilling Template



### Accessories Cover



### Cover with tether cord and loop



# Hoods, single locking lever

## Size 6

### Hoods Size 6



#### Lateral cable entry



#### Top cable entry



#### Multipole connectors for cable-to-cable couplings

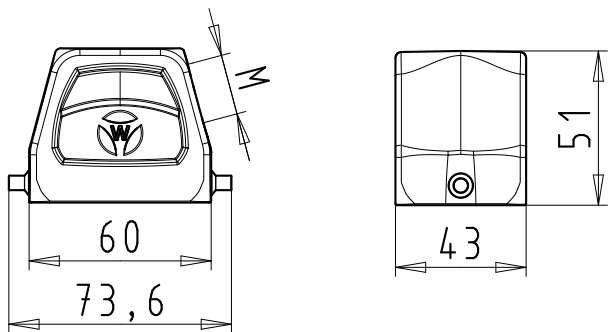


Description	Type	M	Part No.	P.U.
<b>Hoods, size 6</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M20</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	BAS GOT GG 6 M20 A0	20	70.350.0635.0	1
with threaded collar	BAS GOT GG 6 M20 A1	20	70.350.0635.1	1
<b>Lateral cable entry M25</b>				
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
<b>Top cable entry M20</b>				
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
<b>Top cable entry M25</b>				
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
<b>Multipole connectors for cable-to-cable couplings M20</b>				
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	BAS GOT GL 6 M20 A0	20	70.372.0635.0	1
Locking levers and gasket				
with threaded collar	BAS GOT GI 6 M20 A1	20	70.352.0635.1	1
with threaded collar	BAS GOT GL 6 M20 A1	20	70.372.0635.1	1
Locking levers and gasket				
<b>Technical data</b>				
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			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
Size 6 see the product matrix			Page 24–25	

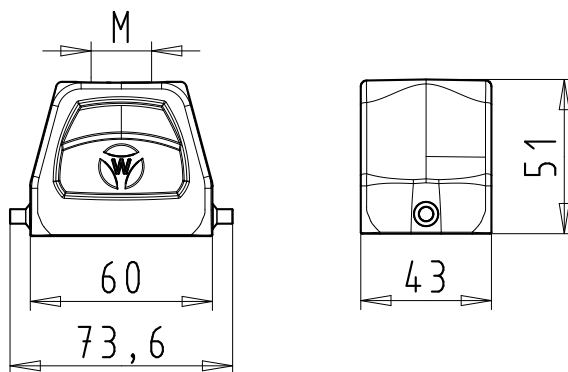
# Dimensions

## Hoods

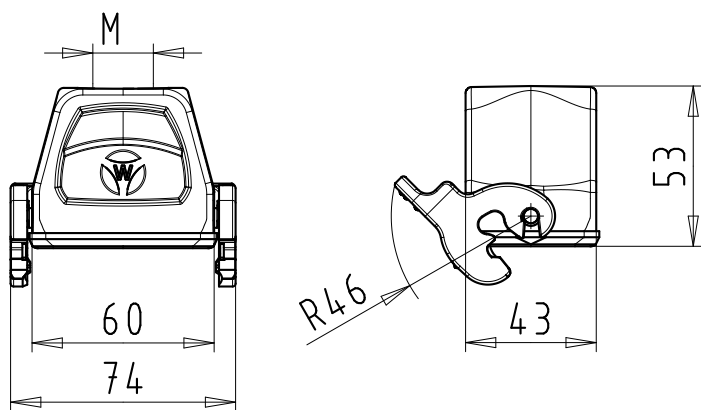
### Lateral cable entry



### 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



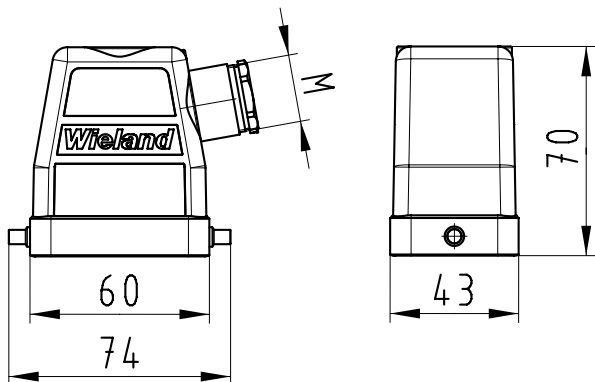
Description	Type	M	Part No.	P.U.
<b>Hoods, size 6H</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 7.5 – 19 mm	BAS GOT GG 6H M25 A0	25	73.350.0635.0	1
with threaded collar	BAS GOT GG 6H M25 A1	25	73.350.0635.1	1
<b>Lateral cable entry M32</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Top cable entry M25</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Top cable entry M32</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers	–			
Gasket	–			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
Size 6H see the product matrix			Page 24–25	

# Dimensions

## Hoods

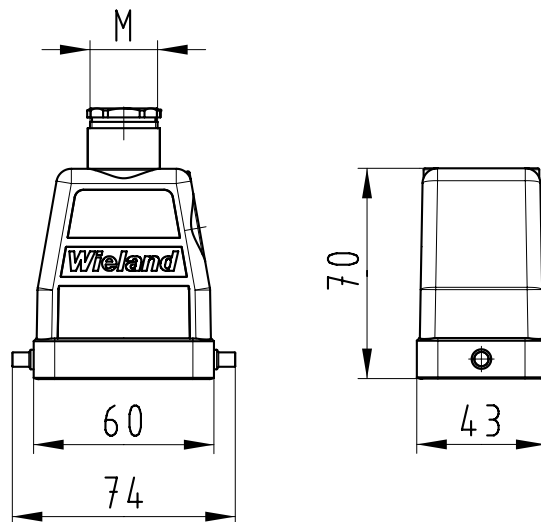
### Lateral cable entry,

with cable gland  
IP54



### Top cable entry,

with cable gland  
IP54



# 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



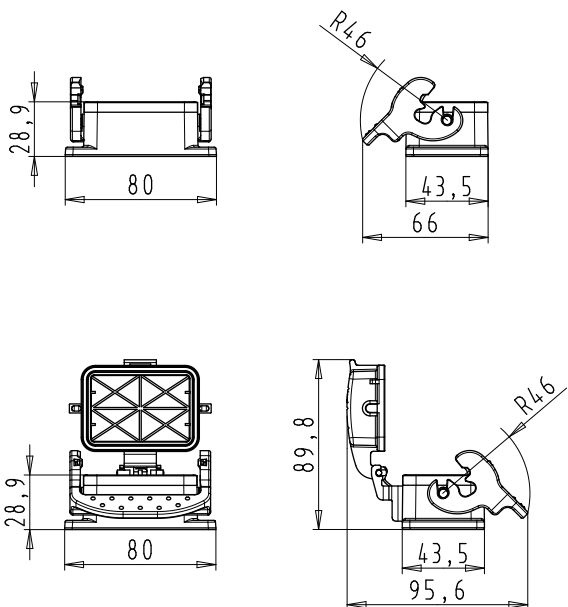
Description	Type	M	Part No.	P.U.
<b>500 V Bases, size 6</b>				
<b>Open-bottom base</b>				
without cover	BAS GUT GK 6 A		70.320.0628.0	1
with cover	BAS GUT GP 6 A		70.325.0628.0	1
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \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
<b>with cover</b>				
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
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
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
<b>1 cable gland, left, 1 x M20</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
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
<b>1 cable gland, right, 1 x M20</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, right, 1 x M25</b>				
<b>without cover</b>				
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
<b>1 cable gland, bottom, 1 x M20</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, bottom, 1 x M25</b>				
<b>without cover</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
Size 6 see the product matrix			Page 24–25	



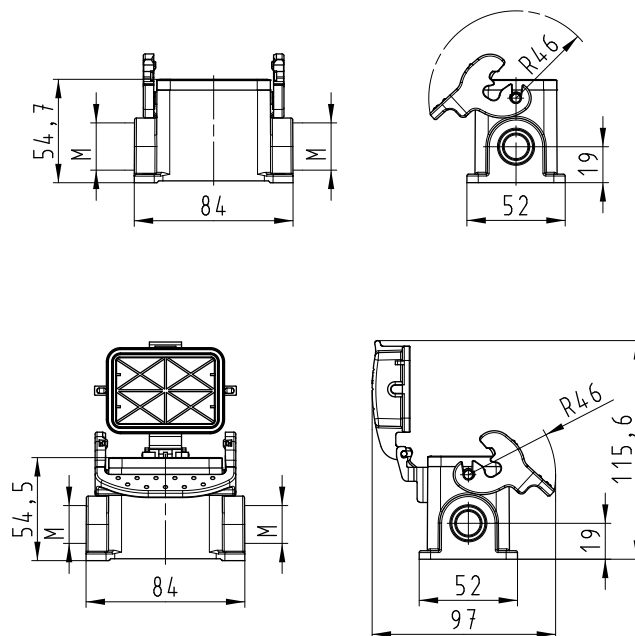
# Dimensions

## Bases

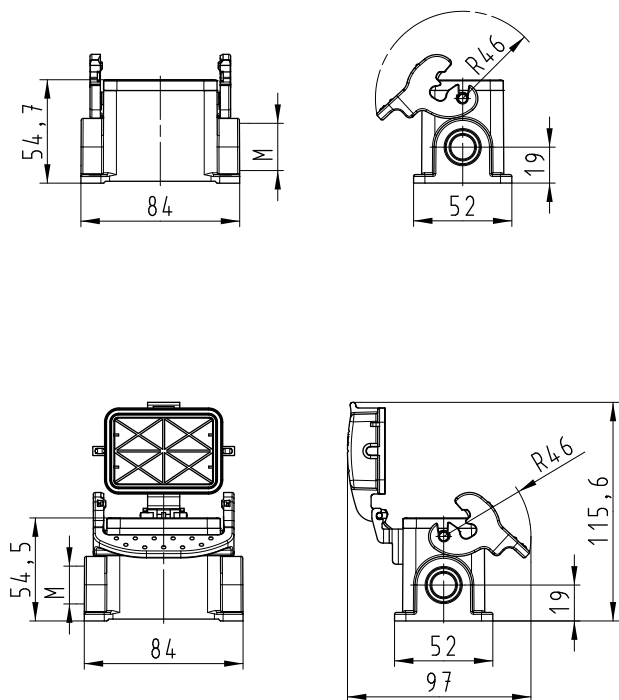
### open



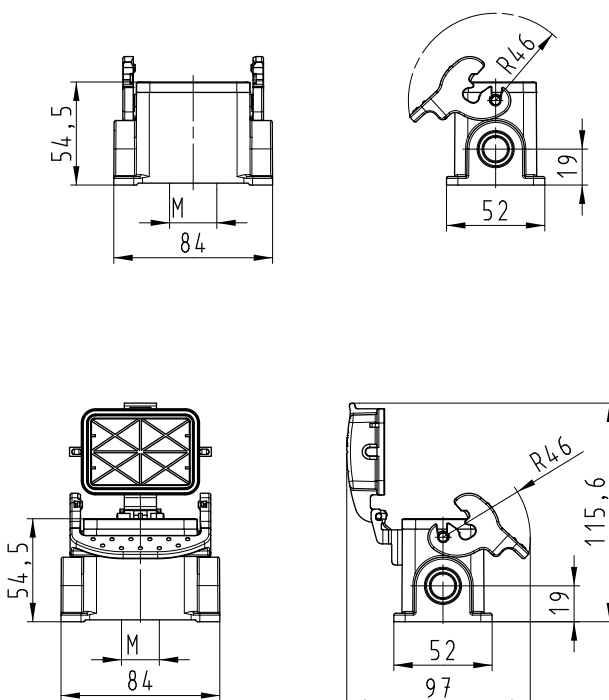
### closed, 2 cable glands



### 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

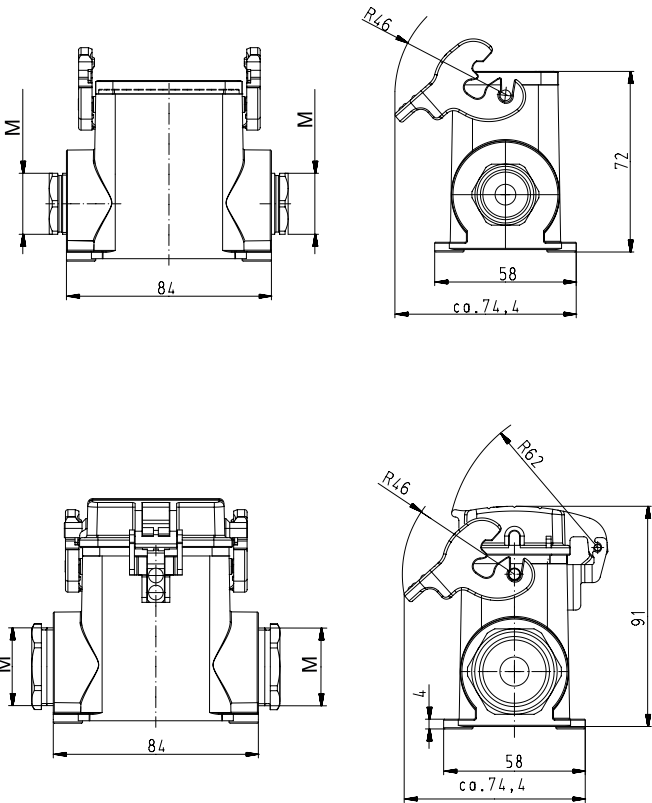


Description	Type	M	Part No.	P.U.
<b>Bases, size 6H</b>				
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GUT GL 6H M25 A0	25	73.330.0635.0	1
with threaded collar	BAS GUT GL 6H M25 A1	25	73.330.0635.1	1
<b>with cover</b>				
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
<b>2 cable glands, 2 x M32</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M32</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, right, 1 x M25</b>				
<b>with cover</b>				
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
<b>1 cable gland, right, 1 x M32</b>				
<b>with cover</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
Size 6H see the product matrix	Page 24–25			

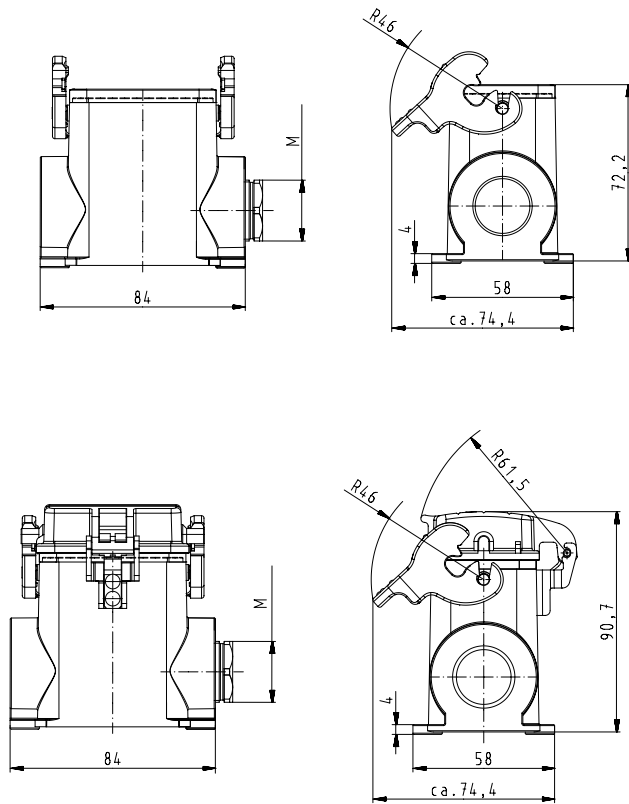
# Dimensions

## 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

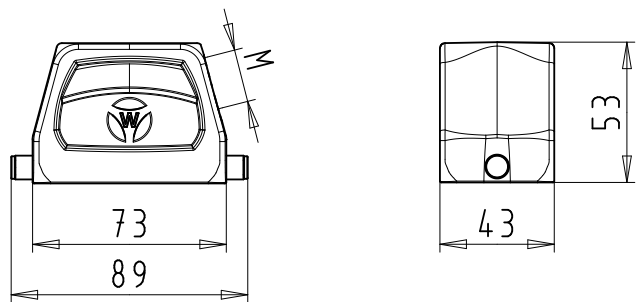


Description	Type	M	Part No.	P.U.
<b>Hoods, size 10</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M20</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	BAS GOT GG 10 M20 A0	20	71.350.1035.0	1
with threaded collar	BAS GOT GG 10 M20 A1	20	71.350.1035.1	1
<b>Lateral cable entry M25</b>				
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
<b>Top cable entry M20</b>				
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
<b>Top cable entry M25</b>				
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
<b>Multipole connectors for cable-to-cable couplings M20</b>				
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	BAS GOT GL 10 M20 A0	20	71.372.1035.0	1
Locking levers and gasket				
with threaded collar	BAS GOT GI 10 M20 A1	20	71.352.1035.1	1
with threaded collar	BAS GOT GL 10 M20 A1	20	71.372.1035.1	1
Locking levers and gasket				
<b>Technical data</b>				
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			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

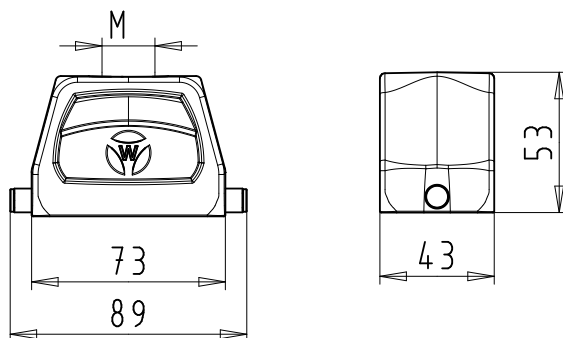
# Dimensions

## Hoods

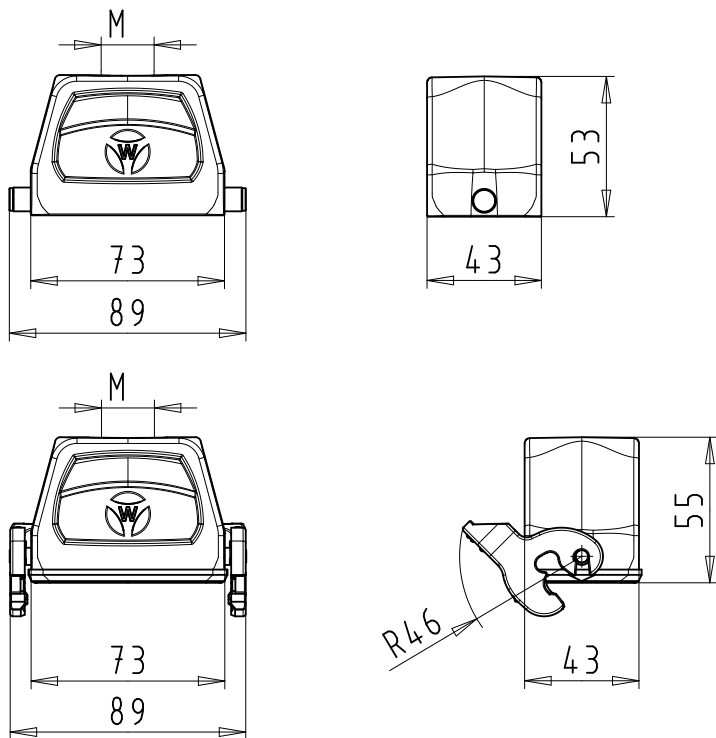
### Lateral cable entry



### 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

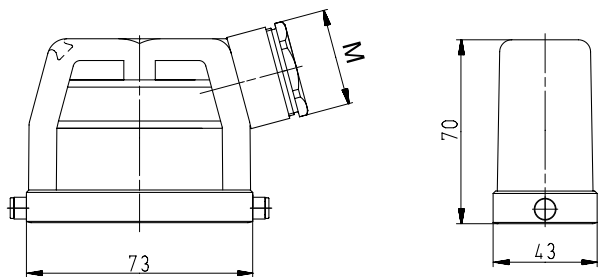


Description	Type	M	Part No.	P.U.
<b>Hoods, size 10H</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 7.5 – 19 mm	BAS GOT GG 10H M25 A0	25	76.350.1035.0	1
with threaded collar	BAS GOT GG 10H M25 A1	25	76.350.1035.1	1
<b>Lateral cable entry M32</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Top cable entry M25</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Top cable entry M32</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers	–			
Gasket	–			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

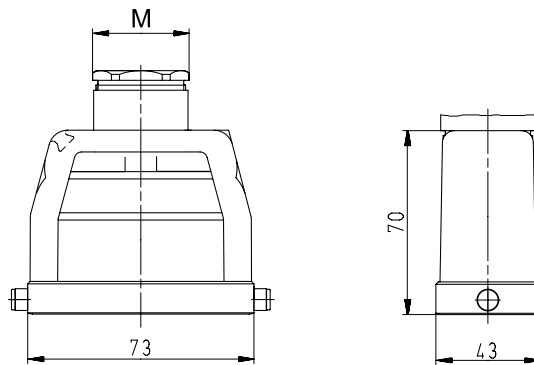
# Dimensions

## Hoods

### Lateral cable entry



### Top 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.
<b>Bases, size 10</b>				
<b>Open-bottom base</b>				
<b>without cover</b>				
without cover	BAS GUT GK 10 A		71.320.1028.0	1
with cover	BAS GUT GP 10 A		71.325.1028.0	1
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M20</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M20</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
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
<b>1 cable gland, right, 1 x M20</b>				
<b>with cover</b>				
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
<b>1 cable gland, bottom, 1 x M20</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			

Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
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.

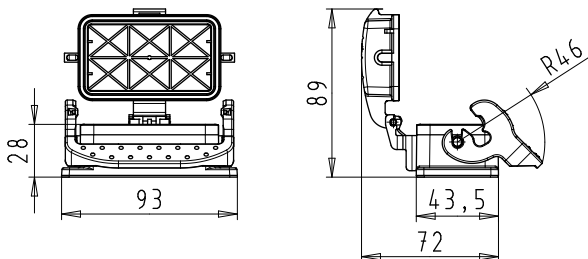
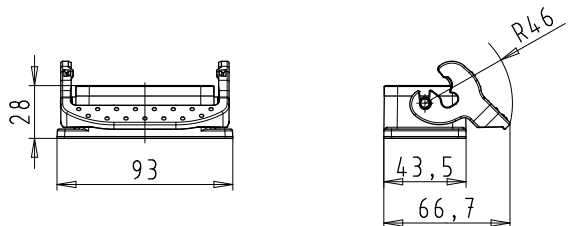
Example:  
71.341.1035.0 for M20 becomes 71.345.1035.0 for M25



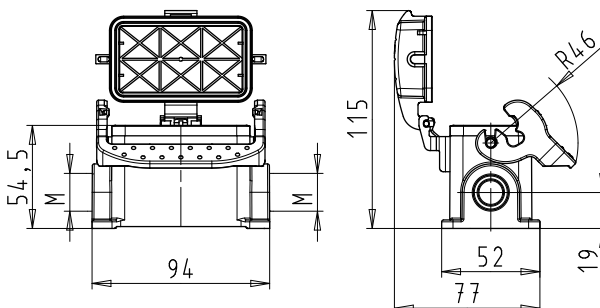
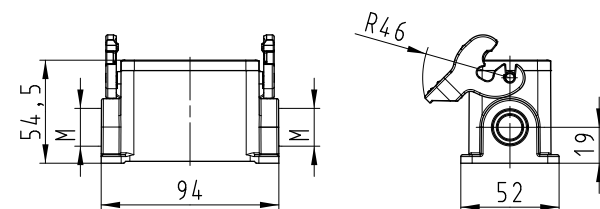
# Dimensions

## Bases

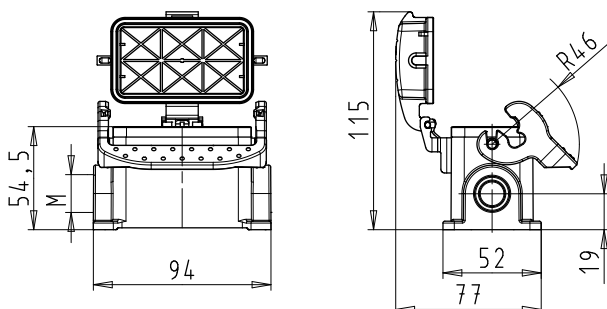
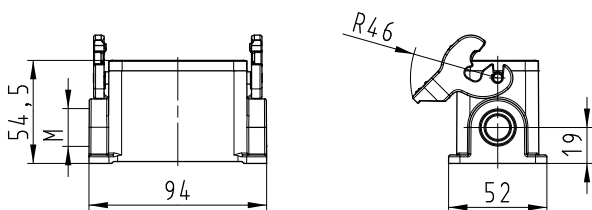
### open



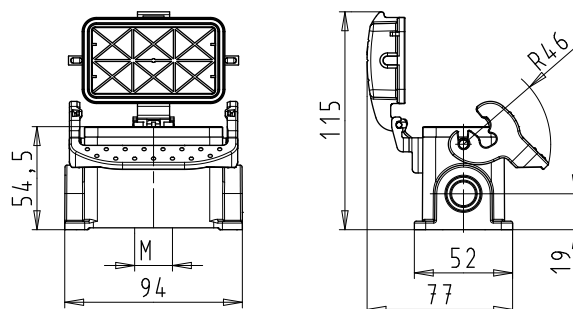
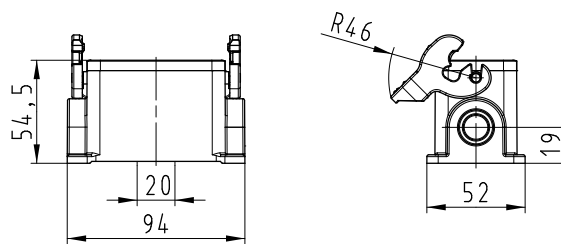
### closed, 2 cable glands



### 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

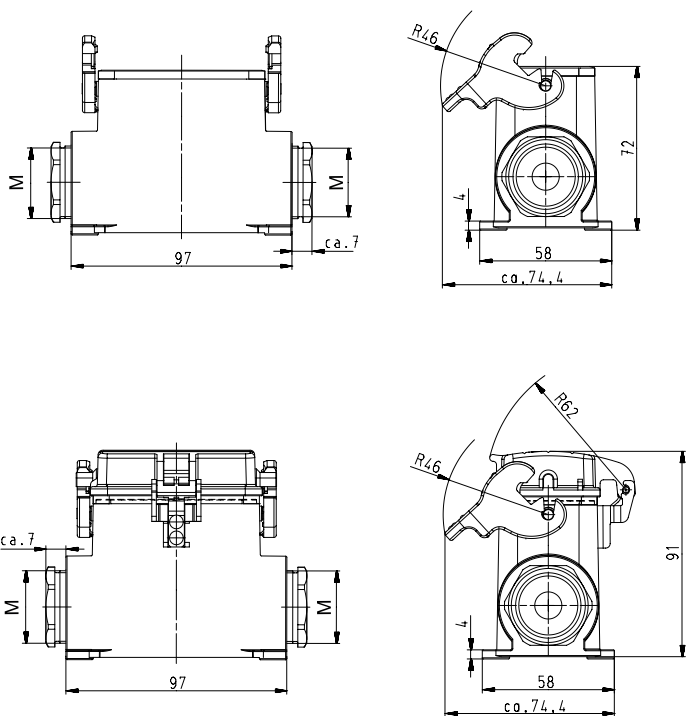


Description	Type	M	Part No.	P.U.
<b>Bases, size 10H</b>				
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 7.5 – 19 mm	BAS GUT GL 10H M25 A0	25	76.330.1035.0	1
with threaded collar	BAS GUT GL 10H M25 A1	25	76.330.1035.1	1
<b>with cover</b>				
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
<b>2 cable glands, 2 x M32</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M32</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, right, 1 x M25</b>				
<b>with cover</b>				
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
<b>1 cable gland, right, 1 x M32</b>				
<b>with cover</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

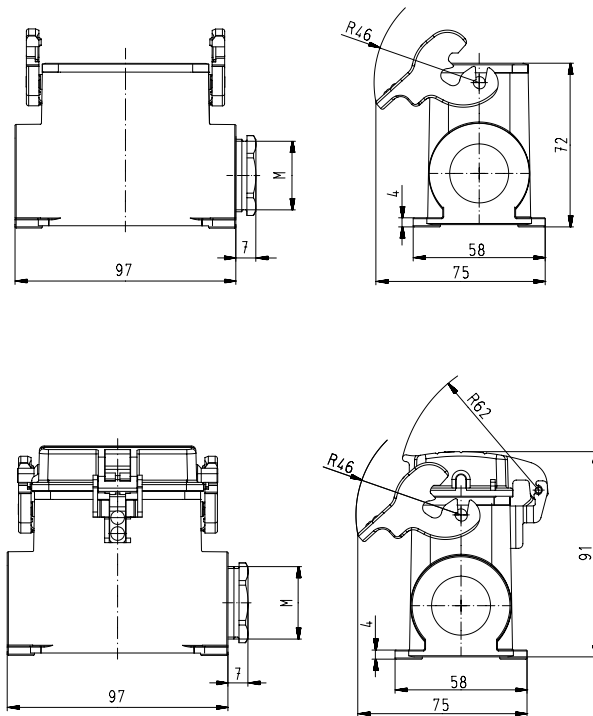
# Dimensions

## Bases

### closed, 2 cable glands



### closed, 1 cable gland



# Hoods, double locking lever Size 10

## Hoods Size 10



### Lateral cable entry



### Top cable entry

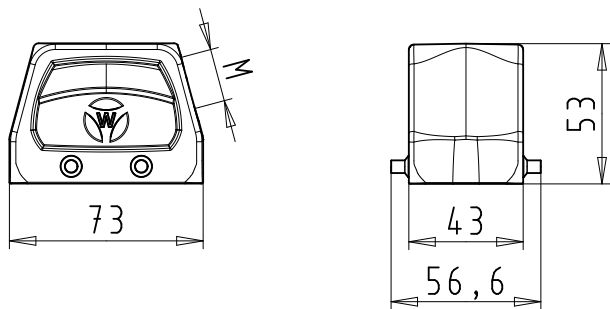


Description	Type	M	Part No.	P.U.
<b>Hoods, size 10</b>				
<b>Lateral cable entry M20</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	BAS GOT GA 10 M20 A0	20	70.350.1035.0	1
with threaded collar	BAS GOT GA 10 M20 A1	20	70.350.1035.1	1
<b>Lateral cable entry M25</b>				
with cable 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
<b>Top cable entry M20</b>				
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
<b>Top cable entry M25</b>				
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
<b>Technical data</b>				
Material metal	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers at Multipole connectors	-			
Gasket at Multipole connectors	-			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

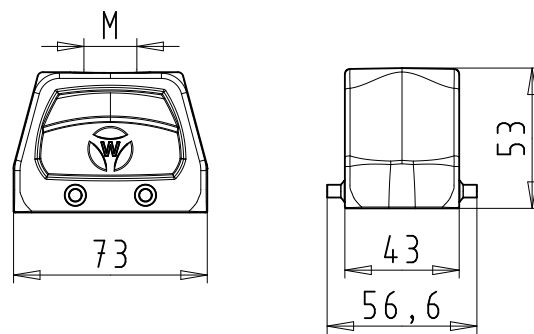
# Dimensions

## 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

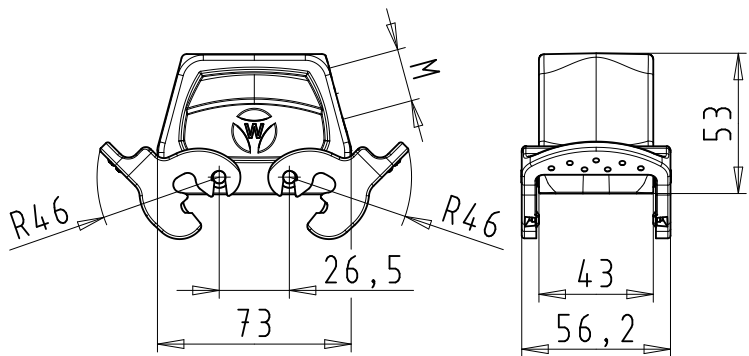


Description	Type	M	Part No.	P.U.
<b>Hoods, size 10</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M20</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	BAS GOT GD 10 M20 A0	20	70.355.1035.0	1
with threaded collar	BAS GOT GD 10 M20 A1	20	70.355.1035.1	1
<b>Lateral cable entry M25</b>				
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
<b>Top cable entry M20</b>				
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
<b>Top cable entry M25</b>				
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
<b>Multipole connectors for cable-to-cable couplings M20</b>				
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	BAS GOT GK 10 M20 A0	20	70.372.1035.0	1
Locking levers and gasket				
with threaded collar	BAS GOT GC 10 M20 A1	20	70.352.1035.1	1
with threaded collar	BAS GOT GK 10 M20 A1	20	70.372.1035.1	1
Locking levers and gasket				
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket for Multipole connectors	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24-25	

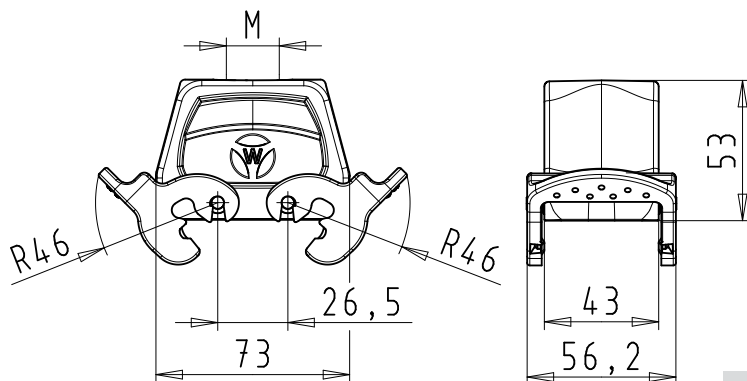
# Dimensions

## Hoods with Locking levers

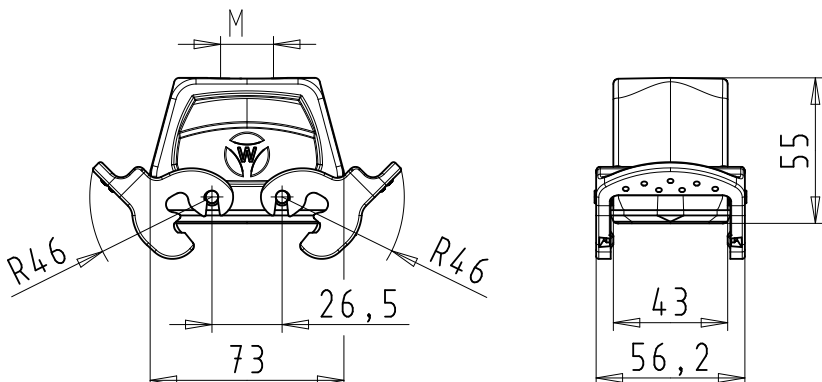
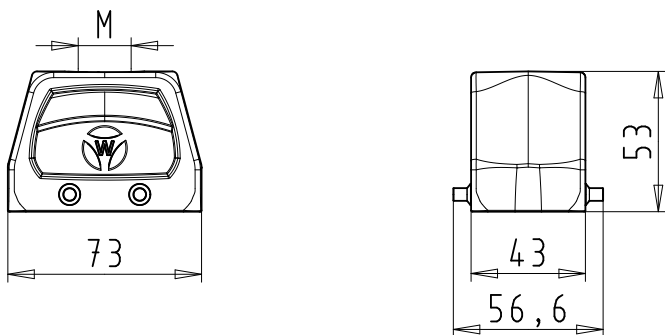
### Lateral cable entry



### 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



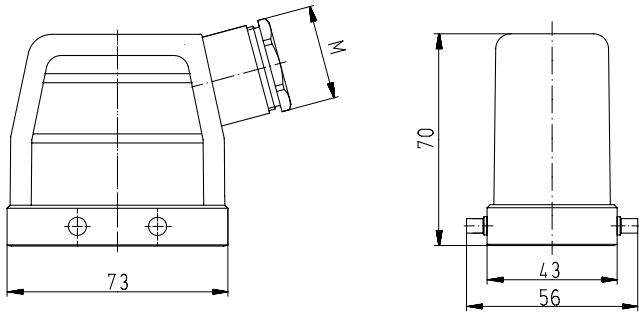
Description	Type	M	Part No.	P.U.
<b>Hoods, size 10H</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GA 10H M25 $\varnothing$ A0	25	73.350.1035.0	1
with threaded collar	BAS GOT GA 10H M25 $\varnothing$ A1	25	73.350.1035.1	1
<b>Lateral cable entry M32</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 15 – 26.5 mm	BAS GOT GA 10H M32 $\varnothing$ A0	32	73.353.1035.0	1
with threaded collar	BAS GOT GA 10H M32 $\varnothing$ A1	32	73.353.1035.1	1
<b>Top cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GC 10H M25 $\varnothing$ A0	25	73.352.1035.0	1
with threaded collar	BAS GOT GC 10H M25 $\varnothing$ A1	25	73.352.1035.1	1
<b>Top cable entry M32</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 15 – 26.5 mm	BAS GOT GC 10H M32 $\varnothing$ A0	32	73.354.1035.0	1
with threaded collar	BAS GOT GC 10H M32 $\varnothing$ A1	32	73.354.1035.1	1
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers	–			
Gasket	–			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	



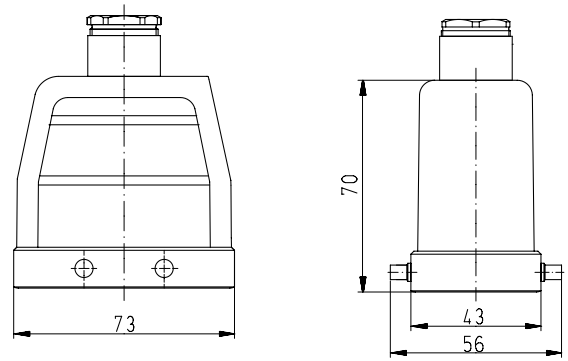
# Dimensions

## Hoods

### Lateral cable entry



### Top 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



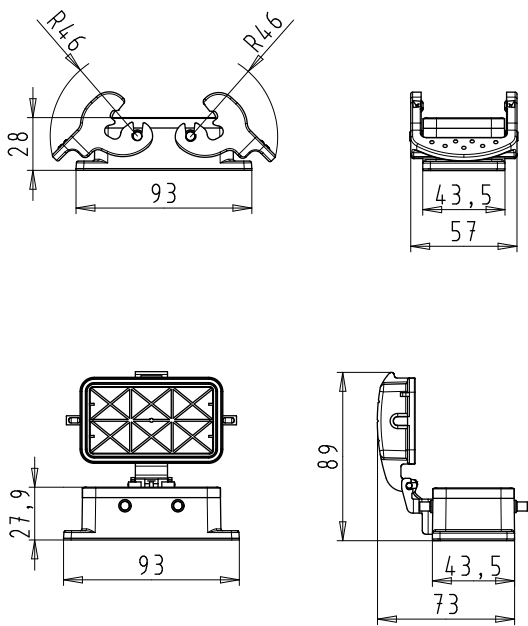
Description	Type	M	Part No.	P.U.
<b>Bases, size 10</b>				
<b>Open-bottom base</b>				
without cover	BAS GUT GA 10 A		70.320.1028.0	1
with cover	BAS GUT GE 10 A		70.325.1028.0	1
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \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
<b>with cover</b>				
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
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M20</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
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
<b>1 cable gland, right, 1 x M20</b>				
<b>with cover</b>				
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
<b>1 cable gland, bottom, 1 x M20</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, bottom, 1 x M25</b>				
<b>without cover</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
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

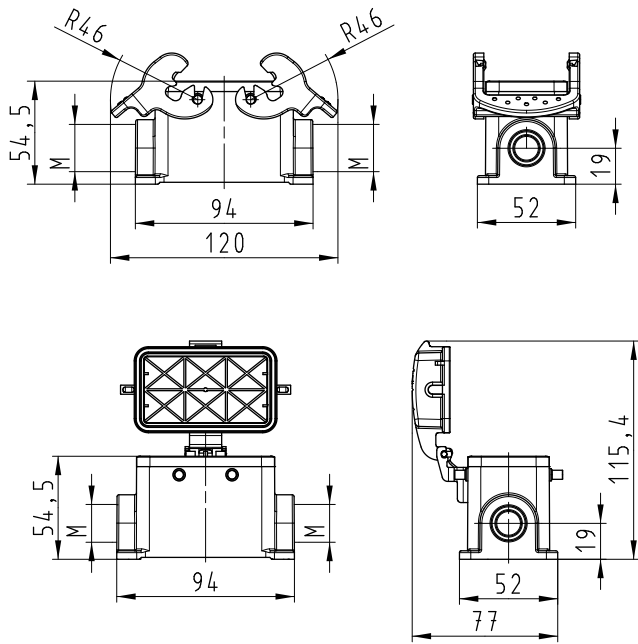
# Dimensions

## Bases

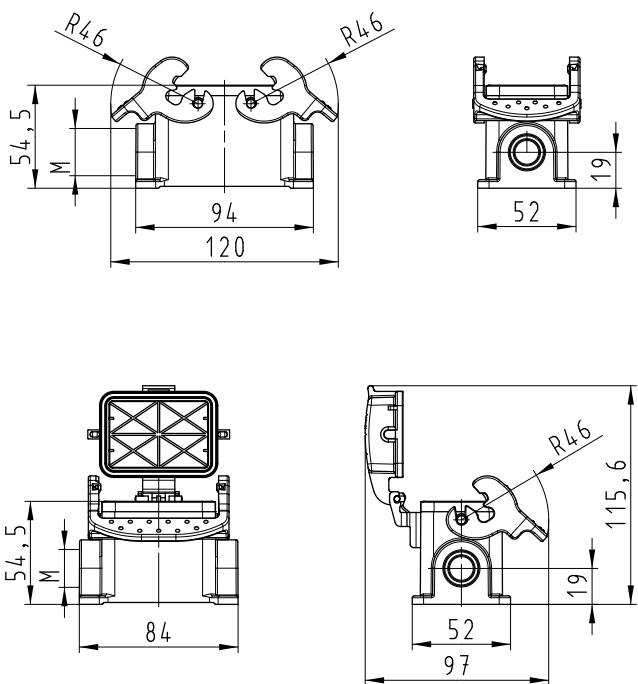
### open



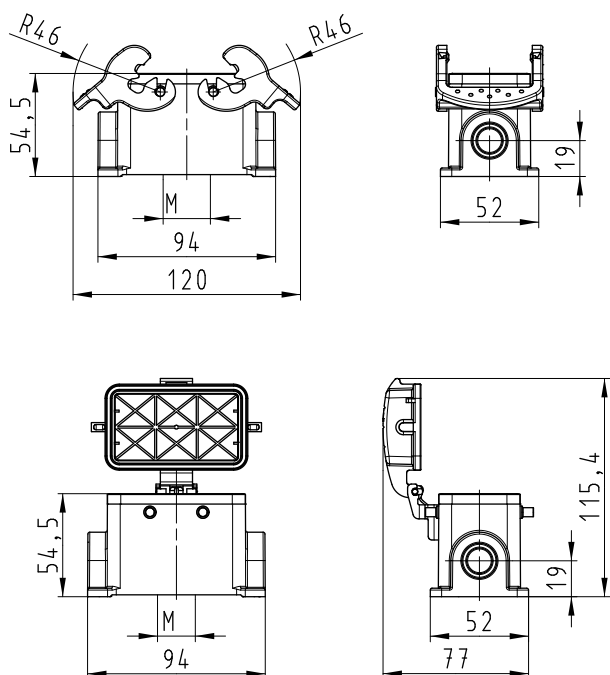
### closed, 2 cable glands



### 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

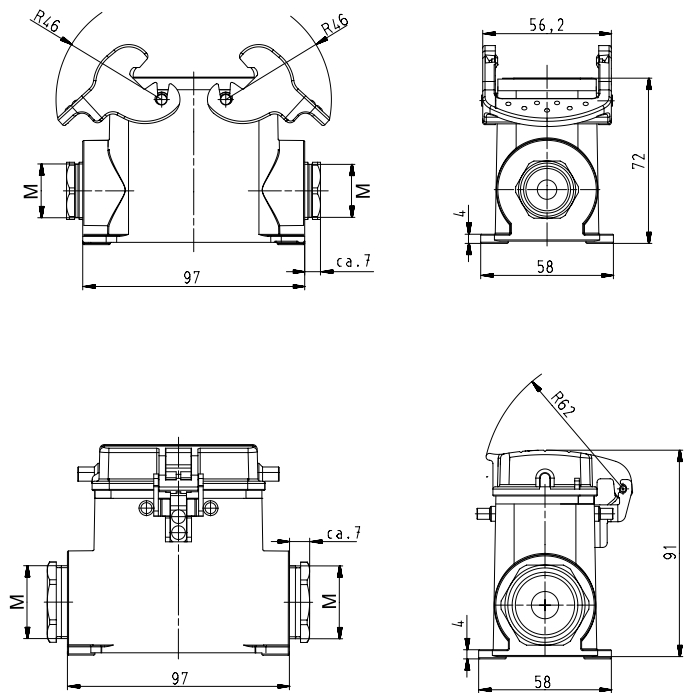


Description	Type	M	Part No.	P.U.
<b>Bases, size 10H</b>	<b>Aluminum housing</b>			
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 7.5 – 19 mm	BAS GUT GB 10H M25 A0	25	73.330.1035.0	1
with threaded collar	BAS GUT GB 10H M25 A1	25	73.330.1035.1	1
<b>with cover</b>				
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
<b>2 cable glands, 2 x M32</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M32</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, right, 1 x M25</b>				
<b>with cover</b>				
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
<b>1 cable gland, right, 1 x M32</b>				
<b>with cover</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	silicon-free			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

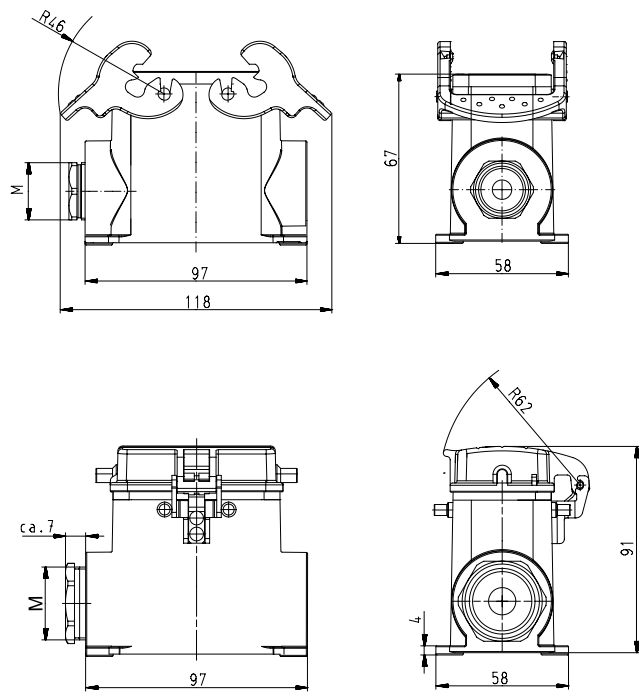
# Dimensions

## 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

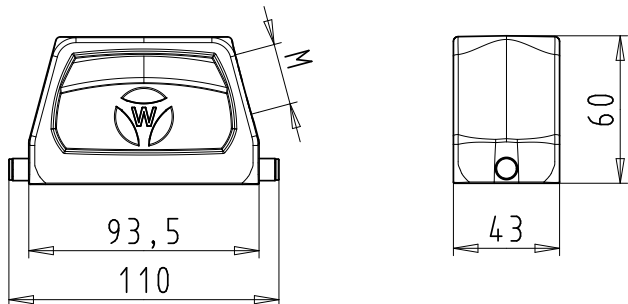


Description	Type	M	Part No.	P.U.
<b>Hoods, size 16</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GG 16 M25 A0	25	71.350.1635.0	1
with threaded collar	BAS GOT GG 16 M25 A1	25	71.350.1635.1	1
<b>Lateral cable entry M32</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>Multipole connectors for cable-to-cable couplings M25</b>				
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	BAS GOT GL 16 M25 A0	25	71.372.1635.0	1
Locking levers and gasket				
with threaded collar	BAS GOT GI 16 M25 A1	25	71.352.1635.1	1
with threaded collar	BAS GOT GL 16 M25 A1	25	71.372.1635.1	1
Locking levers and gasket				
<b>Technical data</b>				
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			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

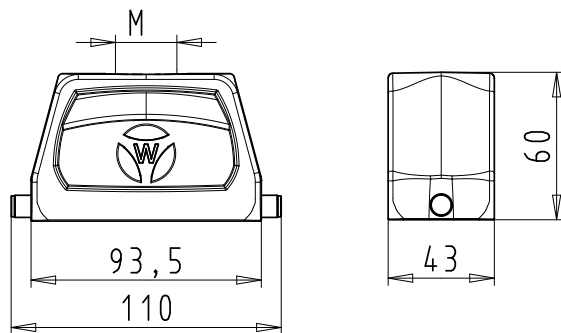
# Dimensions

## Hoods

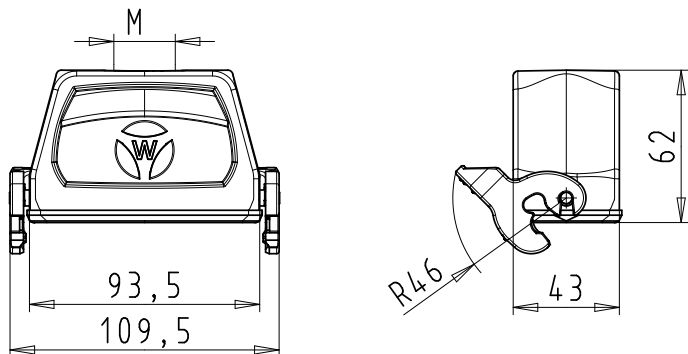
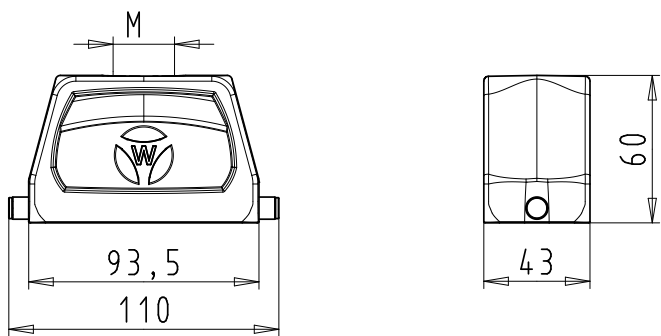
### Lateral cable entry



### 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



### Multipole connectors for cable-to-cable couplings



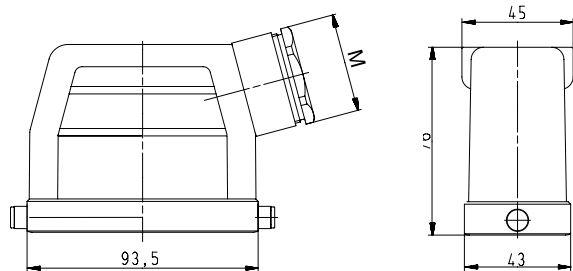
Description	Type	M	Part No.	P.U.
<b>Hoods, size 16H</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GG 16H M25 A0	25	76.350.4035.0	1
with threaded collar	BAS GOT GG 16H M25 A1	25	76.350.4035.1	1
<b>Lateral cable entry M32</b>				
with 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
<b>Lateral cable entry M40</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>Top cable entry M40</b>				
with threaded collar	BAS GOT GI 16H M40 A1	40	76.362.4035.1	1
<b>Multipole connectors for cable-to-cable couplings M32</b>				
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	BAS GOT GL 16H M32 A0	32	76.374.4035.0	1
Locking levers and gasket				
<b>Technical data</b>				
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			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24-25	



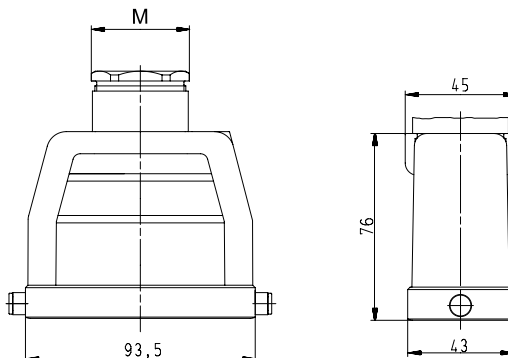
# Dimensions

## Hoods

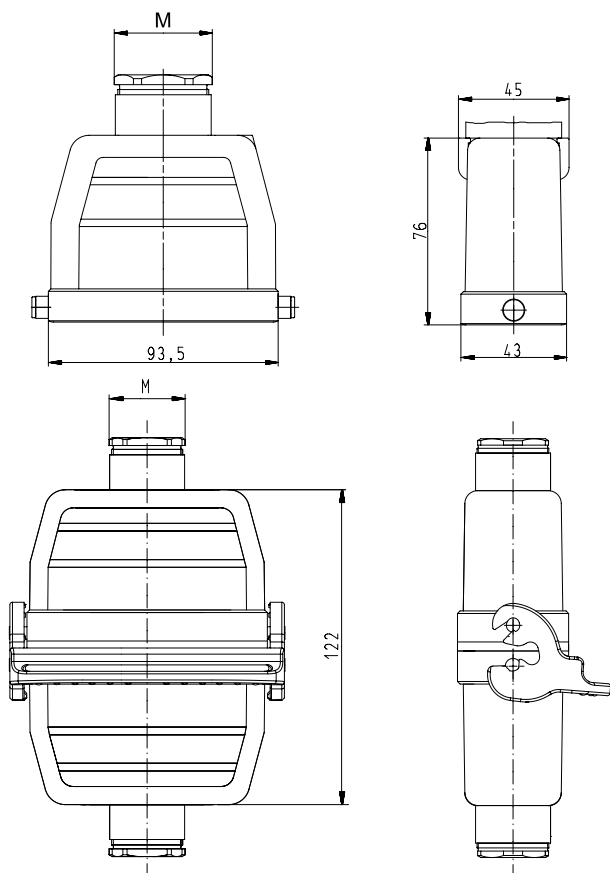
### Lateral cable entry



### Top cable entry



### Multipole connectors for cable-to-cable couplings



# Bases, single locking lever Size 16

## 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

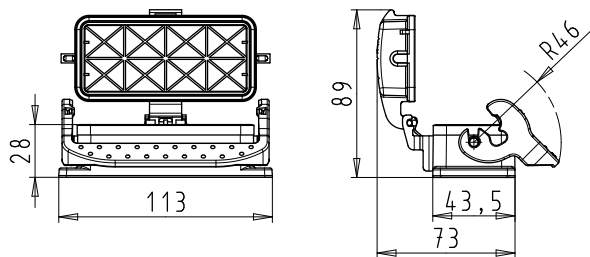
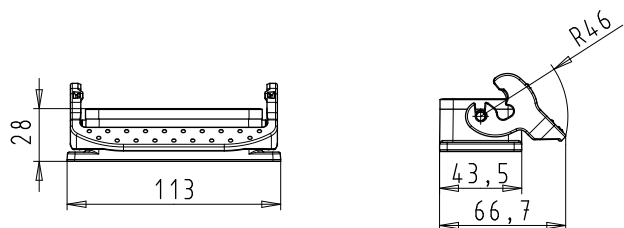


Description	Type	M	Part No.	P.U.
<b>Bases, size 16</b>				
<b>Open-bottom base</b>				
without cover	BAS GUT GK 16 A		71.320.1628.0	1
with cover	BAS GUT GP 16 A		71.325.1628.0	1
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, right, 1 x M25</b>				
<b>with cover</b>				
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
<b>1 cable gland, bottom, 1 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

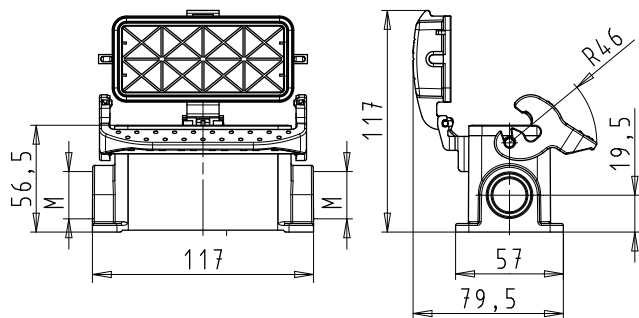
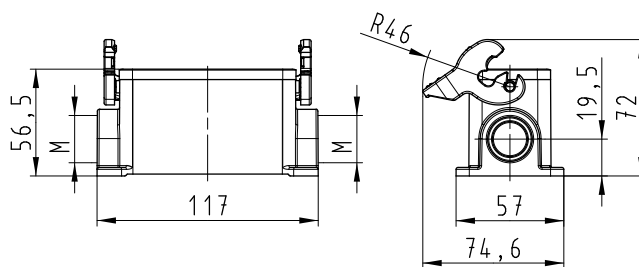
# Dimensions

## Bases

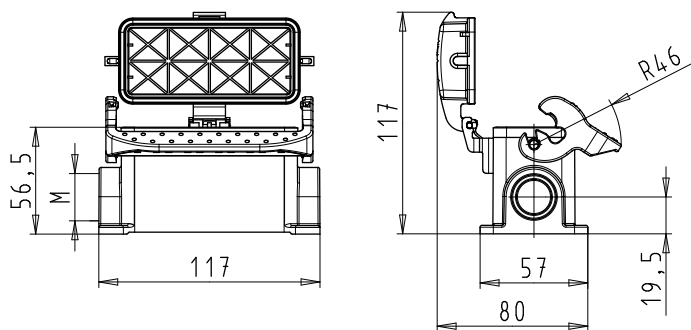
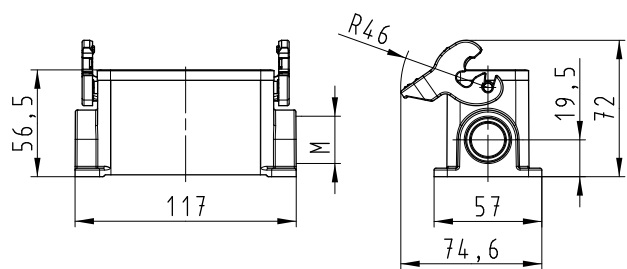
### open



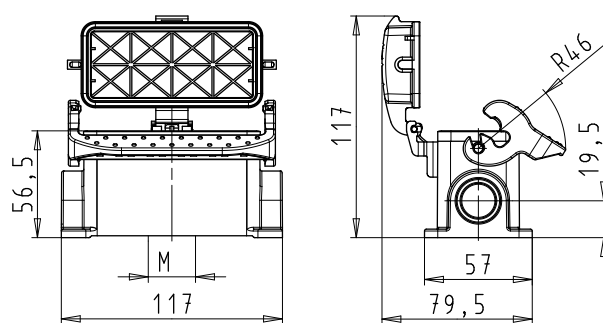
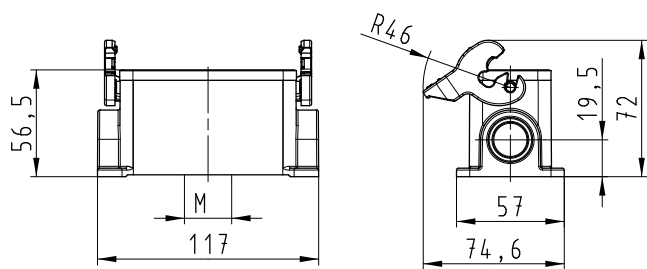
### closed, 2 cable glands



### 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.
<b>Bases, size 16H</b>	<b>Aluminum housing</b>			
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>2 cable glands, 2 x M32</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>1 cable gland, left, 1 x M32</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>1 cable gland, right, 1 x M25</b>				
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>1 cable gland, right, 1 x M32</b>				
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>1 cable gland, bottom, 1 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>1 cable gland, bottom, 1 x M32</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Degree of protection</b>	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 ... +120 °C

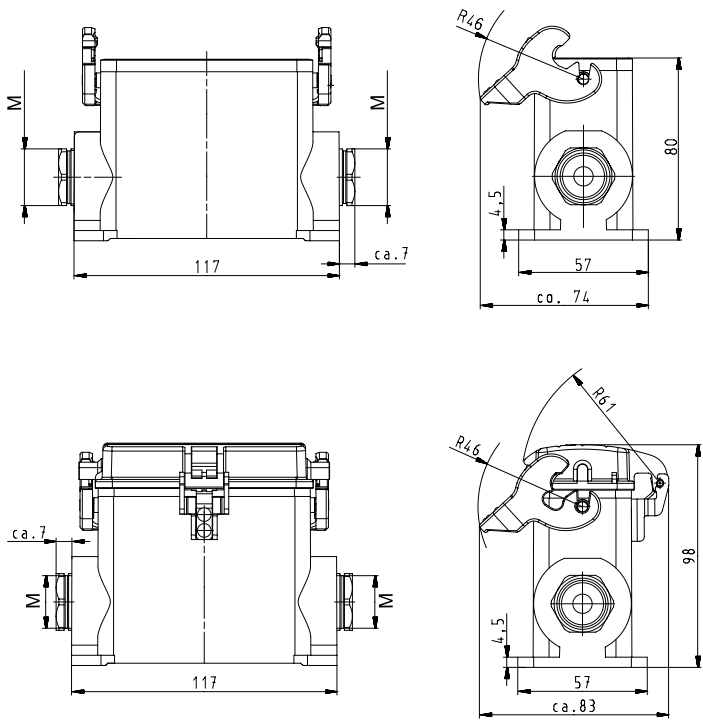
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32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

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

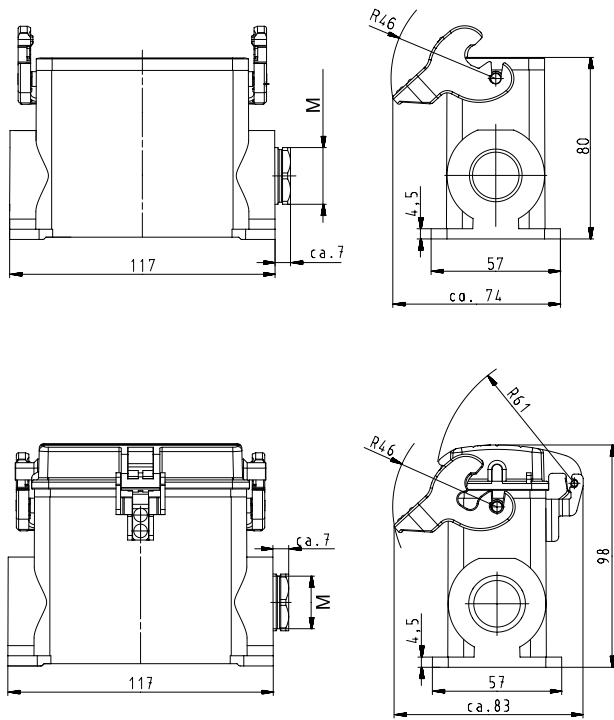
# Dimensions

## Bases

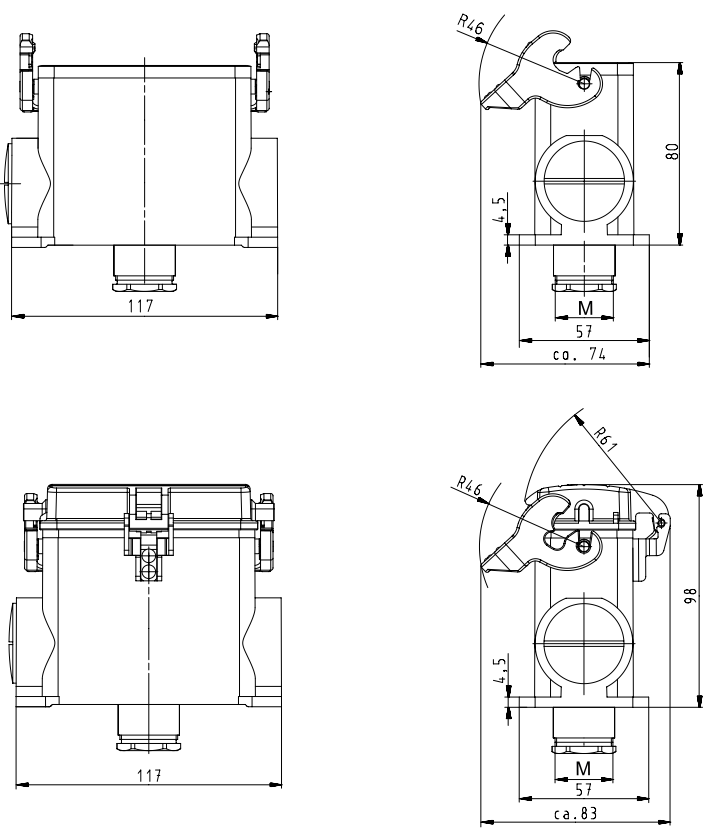
### closed, 2 cable glands



### closed, 1 cable gland



### closed, 1 cable gland, bottom



# Hoods, double locking lever Size 16

## Hoods Size 16



### Lateral cable entry



### Top cable entry

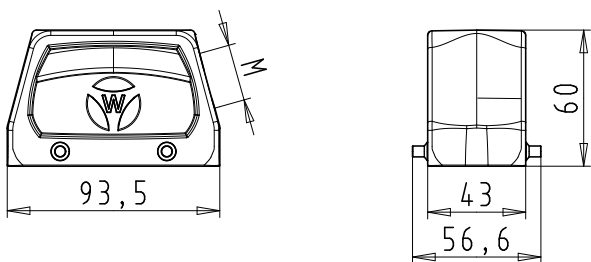


Description	Type	M	Part No.	P.U.
<b>Hoods, size 16</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GA 16 M25 A0	25	70.350.1635.0	1
with threaded collar	BAS GOT GA 16 M25 A1	25	70.350.1635.1	1
<b>Lateral cable entry M32</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	-			
Gasket	-			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

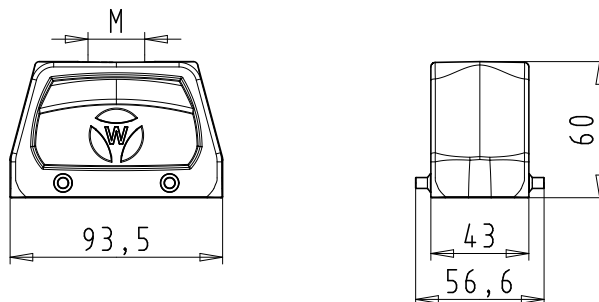
# Dimensions

## 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



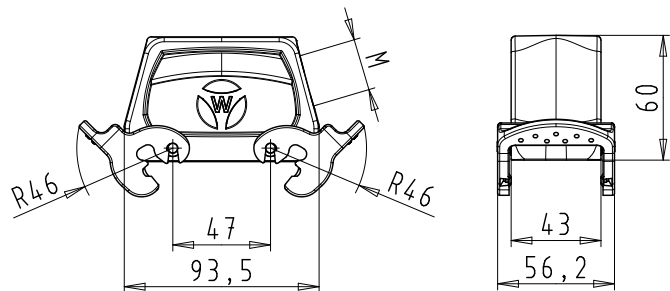
Description	Type	M	Part No.	P.U.
<b>Hoods, size 16</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GD 16 M25 A0	25	70.355.1635.0	1
with threaded collar	BAS GOT GD 16 M25 A1	25	70.355.1635.1	1
<b>Lateral cable entry M32</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>Multipole connectors for cable-to-cable couplings M25</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket for Multipole connectors	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	



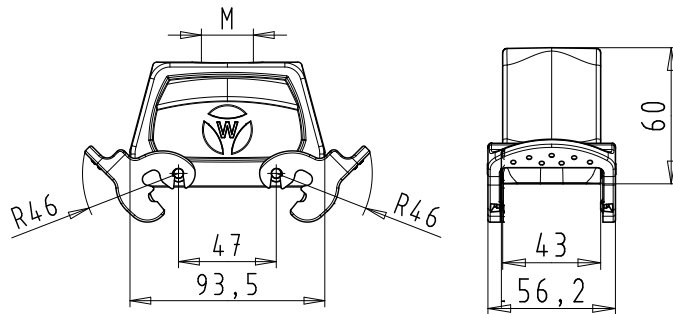
# Dimensions

## Hoods with Locking levers

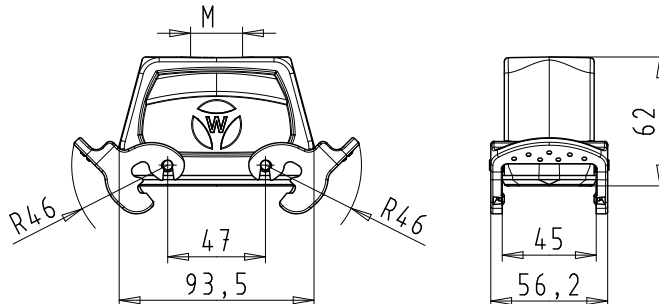
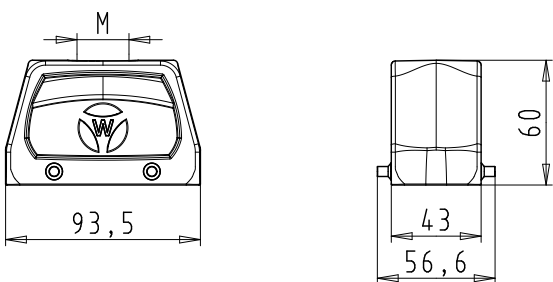
### Lateral cable entry



### 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



### Multipole connectors for cable-to-cable couplings

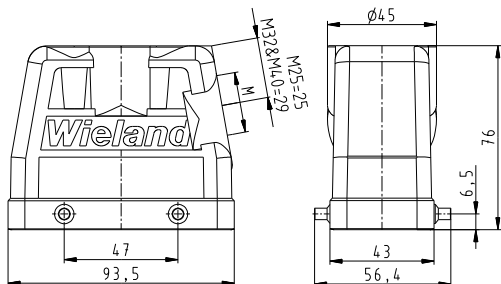


Description	Type	M	Part No.	P.U.
<b>Hoods, size 16H</b>	<b>Aluminum housing</b>			
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GA 16H M25 A0	25	73.350.4035.0	1
with threaded collar	BAS GOT GA 16H M25 A1	25	73.350.4035.1	1
<b>Lateral cable entry M32</b>				
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
<b>Lateral cable entry M40</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>Top cable entry M40</b>				
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
<b>Multipole connectors for cable-to-cable couplings M32</b>				
with threaded collar, locking levers and gasket	BAS GOT GK 16H M32 A1	32	73.374.4035.1	1
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	-			
Gasket	-			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

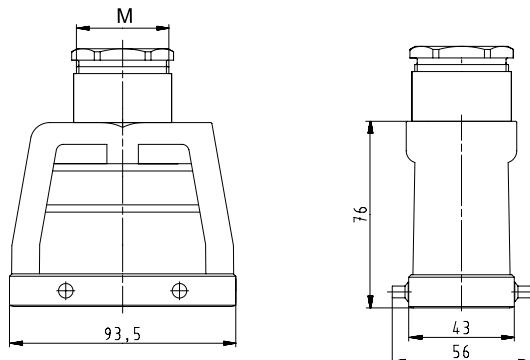
# Dimensions

## Hoods

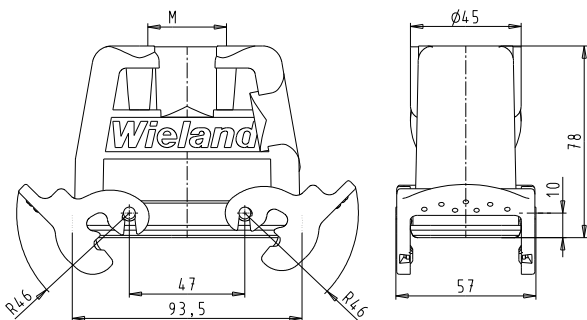
### Lateral cable entry



### Top cable entry



### Multiple 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.
<b>Hoods, size 16H</b>	<b>Aluminum housing</b>			
<b>Lateral cable entry M25</b>				
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
<b>Lateral cable entry M32</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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

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

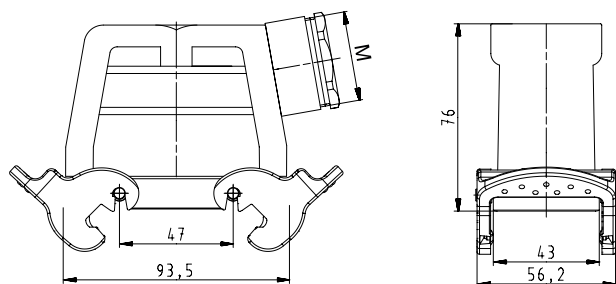
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32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

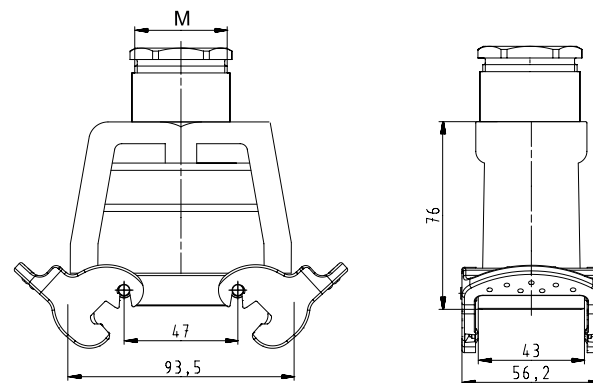
## Dimensions

### Hoods

#### Lateral cable entry



#### Top cable entry



# Hoods, double locking lever Size 16XL

## Hoods Size 16XL

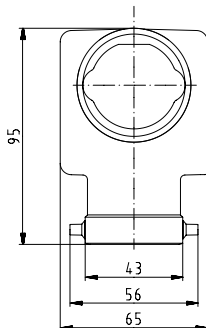
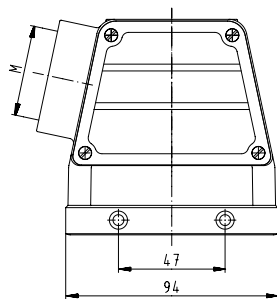
### Lateral cable entry with intermediate support



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

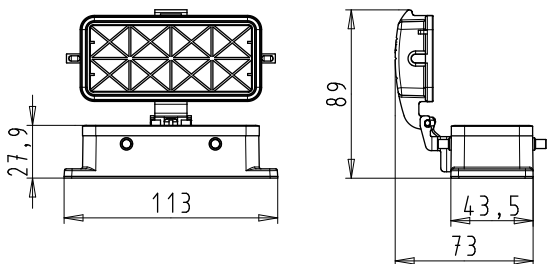
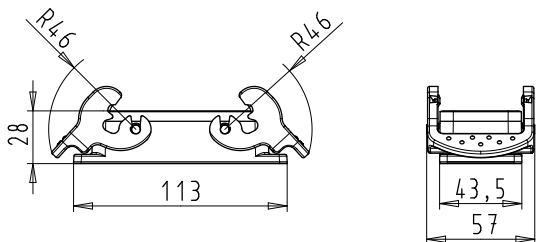


Description	Type	M	Part No.	P.U.
<b>Bases, size 16</b>				
<b>Open-bottom base</b>				
without cover	BAS GUT GA 16 A		70.320.1628.0	1
with cover	BAS GUT GE 16 A		70.325.1628.0	1
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, right, 1 x M25</b>				
<b>with cover</b>				
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
<b>1 cable gland, bottom, 1 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

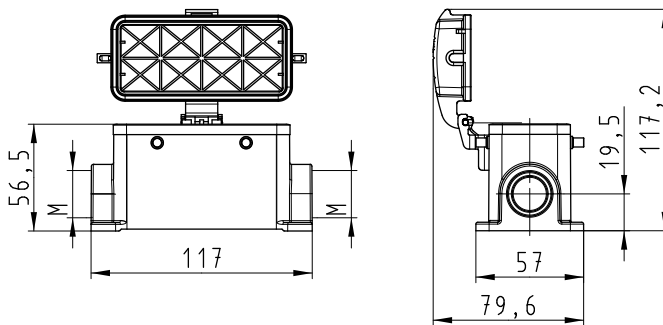
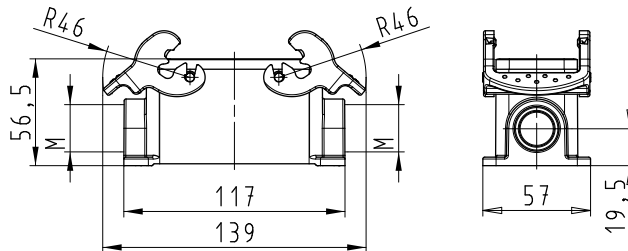
# Dimensions

## Bases

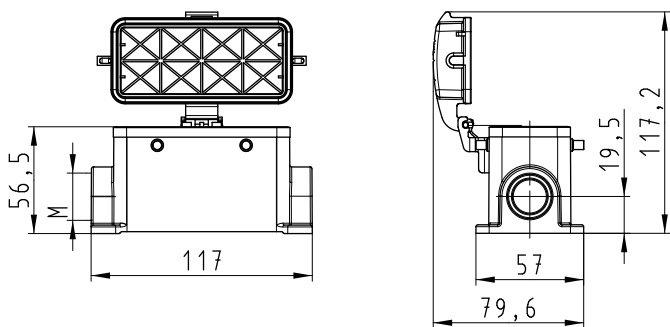
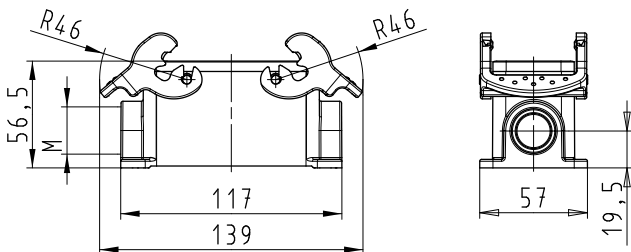
### open



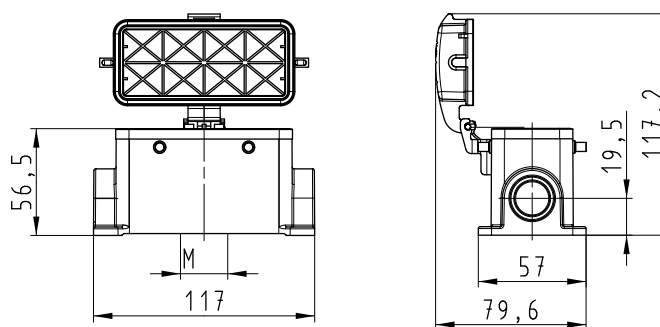
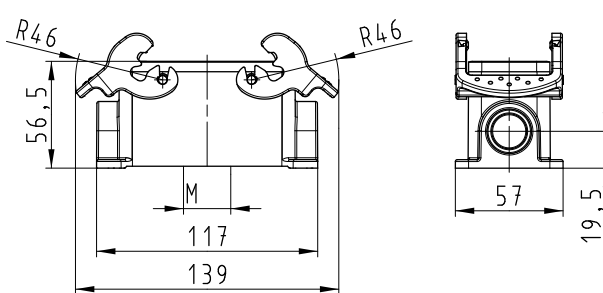
### closed, 2 cable glands



### 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.
<b>Bases, size 16H</b>	<b>Aluminum housing</b>			
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>2 cable glands, 2 x M32</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>2 cable glands, 2 x M40</b>				
<b>without cover</b>				
with threaded collar	BAS GUT GB 16H M40 A1	40	73.338.4035.1	1
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M32</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M40</b>				
<b>without cover</b>				
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
<b>1 cable gland, right, 1 x M25</b>				
<b>with cover</b>				
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
<b>1 cable gland, right, 1 x M32</b>				
<b>with cover</b>				
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
<b>1 cable gland, bottom, 1 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, bottom, 1 x M32</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>Degree of protection</b>	
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.

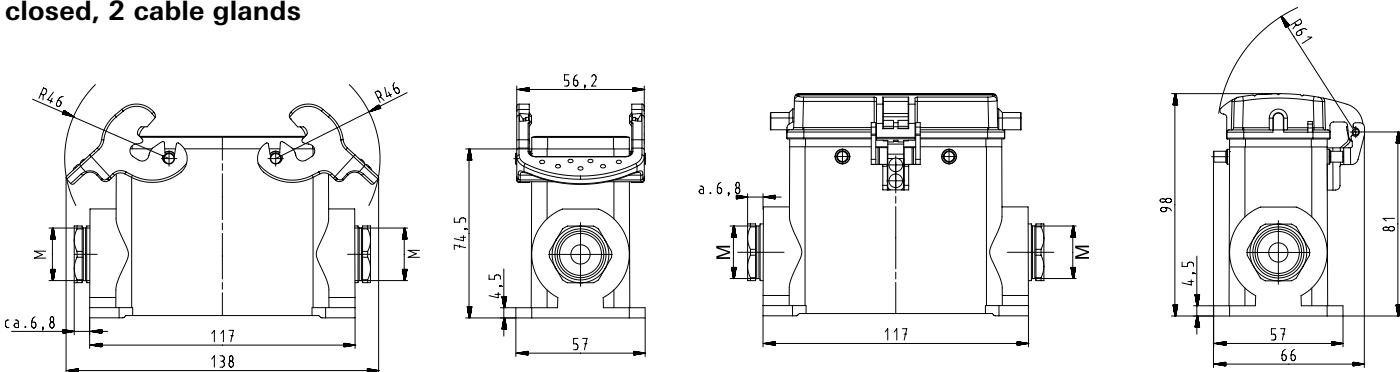


# Accessories, Dimensions

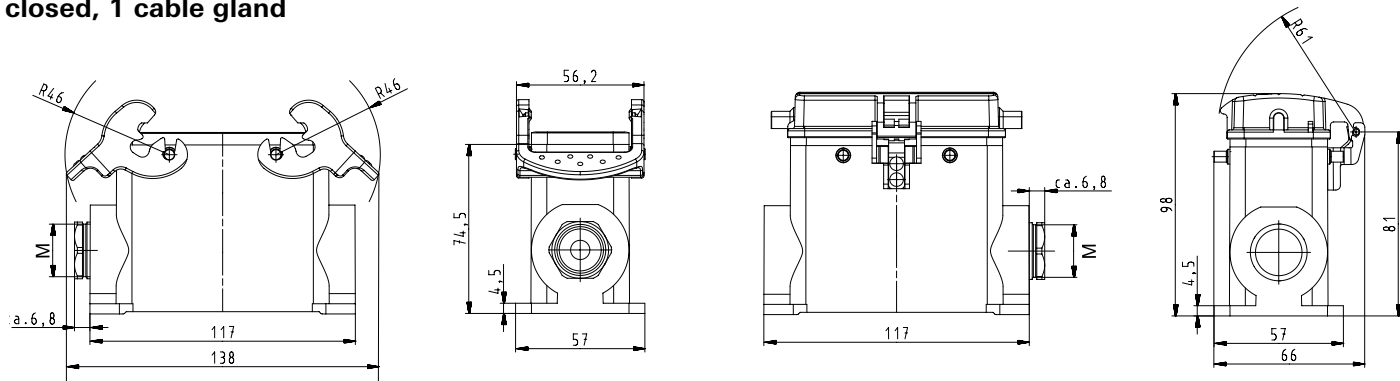
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
Cable gland IP68, plastic material, gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32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

## Bases

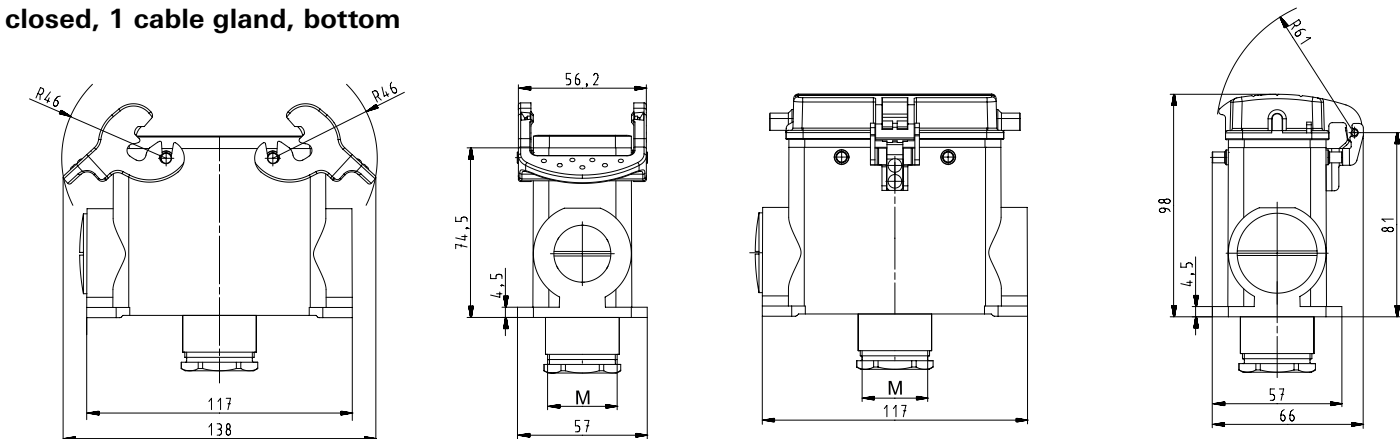
### closed, 2 cable glands



### 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

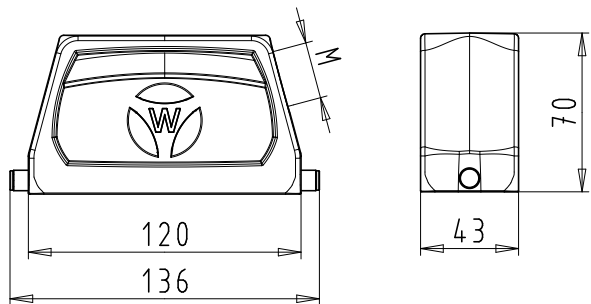


Description	Type	M	Part No.	P.U.
<b>Hoods, size 24</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GG 24 M25 A0	25	71.350.2435.0	1
with threaded collar	BAS GOT GG 24 M25 A1	25	71.350.2435.1	1
<b>Lateral cable entry M32</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>Multipole connectors for cable-to-cable couplings M25</b>				
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
<b>Multipole connectors for cable-to-cable couplings M32</b>				
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
<b>Technical data</b>				
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			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

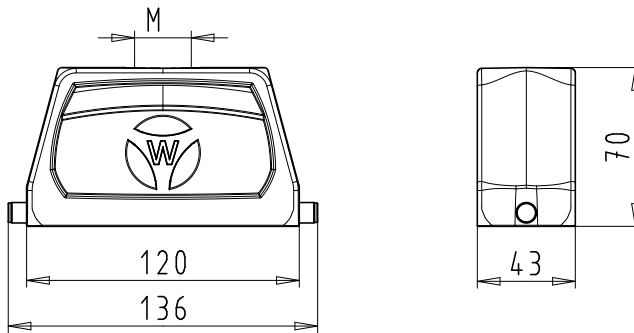
# Dimensions

## Hoods

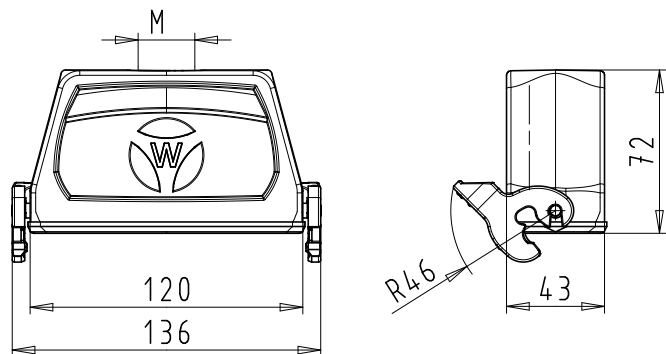
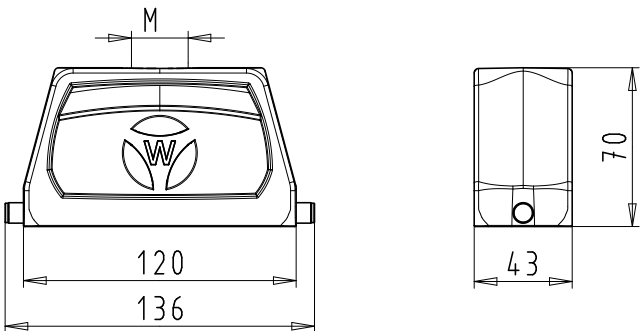
### Lateral cable entry



### 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

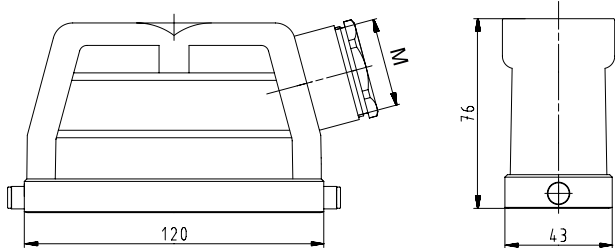


Description	Type	M	Part No.	P.U.
<b>Hoods, size 24H</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GG 24H M25 A0	25	76.350.6435.0	1
with threaded collar	BAS GOT GG 24H M25 A1	25	76.350.6435.1	1
<b>Lateral cable entry M32</b>				
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
<b>Lateral cable entry M40</b>				
with threaded collar	BAS GOT GG 24H M40 A1	40	76.360.6435.1	1
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>Top cable entry M40</b>				
with threaded collar	BAS GOT GI 24H M40 A1	40	76.362.6435.1	1
<b>Technical data</b>				
Material metal/plastic	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	-			
Gasket	-			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

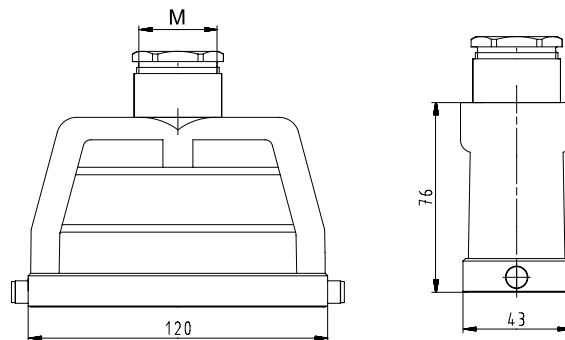
# Dimensions

## Hoods

### Lateral cable entry



### Top 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

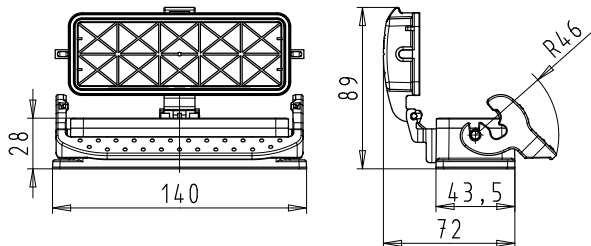
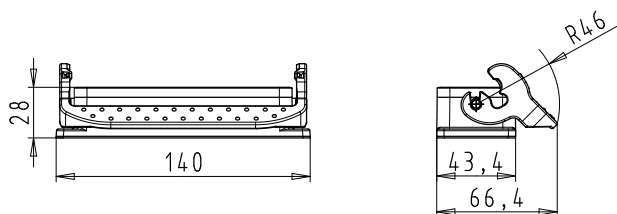


Description	Type	M	Part No.	P.U.
<b>Bases, size 24</b>				
<b>Open-bottom base</b>				
without cover	BAS GUT GK 24 A		71.320.2428.0	1
with cover	BAS GUT GP 24 A		71.325.2428.0	1
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, right, 1 x M25</b>				
<b>with cover</b>				
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
<b>1 cable gland, bottom, 1 x M25</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

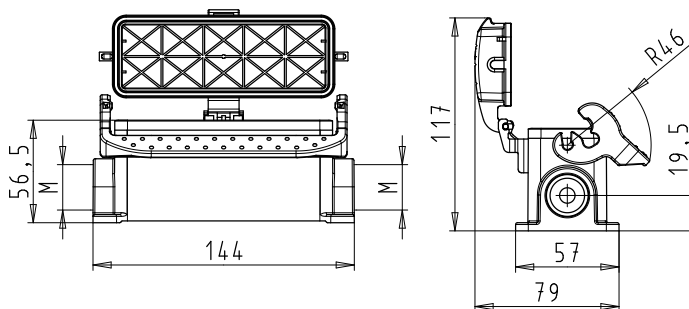
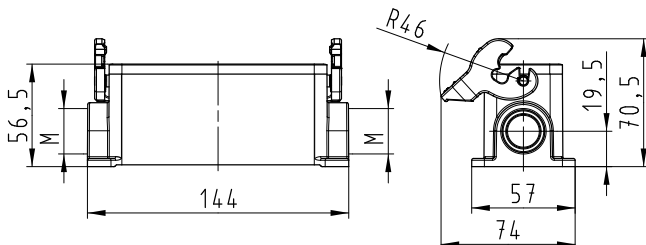
# Dimensions

## Bases

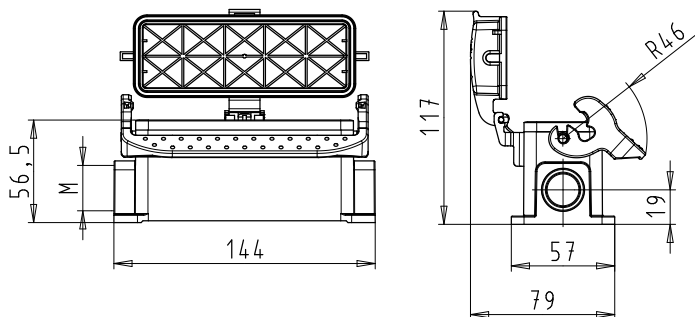
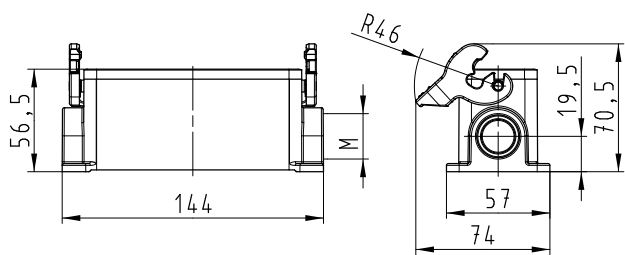
### open



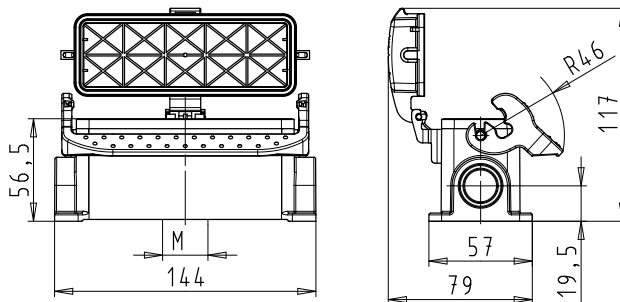
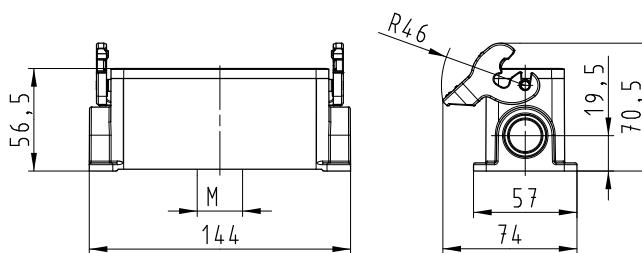
### closed, 2 cable glands



### 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.
<b>Bases, size 24H</b>	<b>Aluminum housing</b>			
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M32</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>2 cable glands, 2 x M40</b>				
<b>without cover</b>				
with threaded collar	BAS GUT GL 24H M40 A1	40	76.338.6435.1	1
<b>1 cable gland, left, 1 x M32</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>1 cable gland, left, 1 x M40</b>				
<b>without cover</b>				
with threaded collar	BAS GUT GM 24H M40 A0	40	76.339.6435.1	1
<b>1 cable gland, right, 1 x M32</b>				
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>1 cable gland, bottom, 1 x M32</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>Degree of protection</b>	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 ... +120 °C

Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

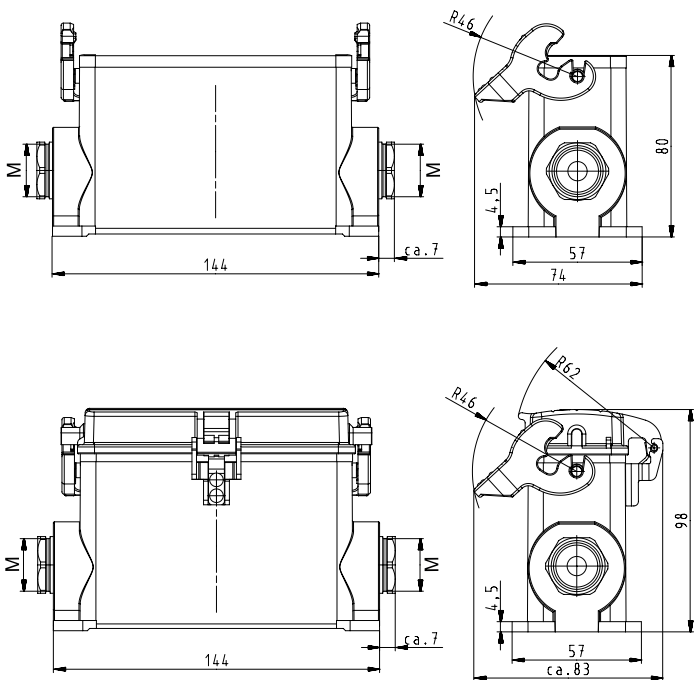
All Bases with "cable gland bottom" on this page are also available in M40 design.  
Part numbers available on request.



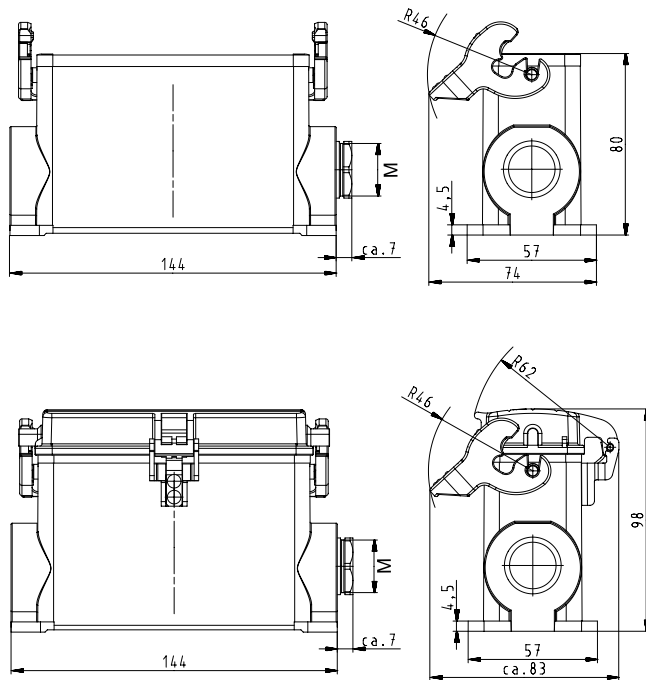
# Dimensions

## Bases

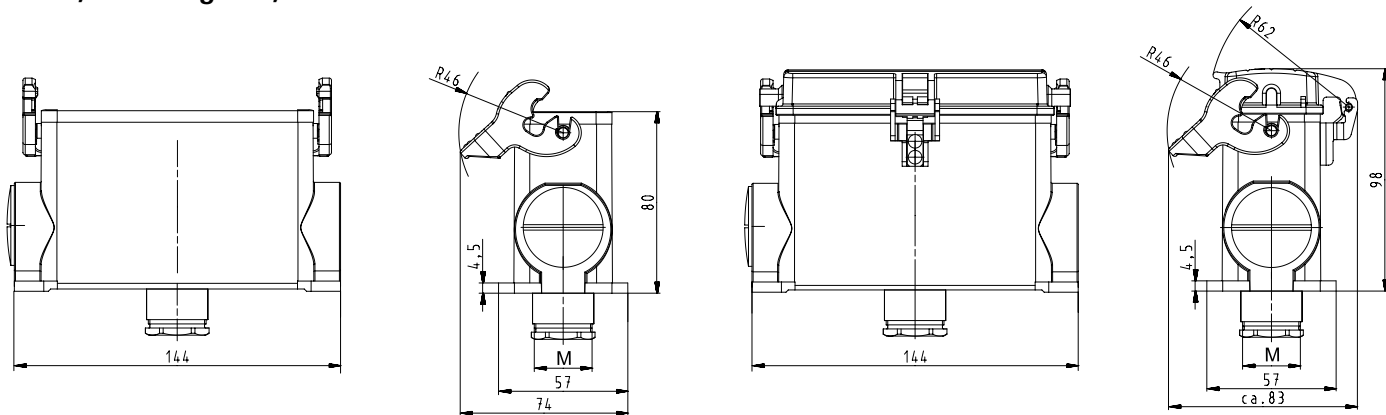
### closed, 2 cable glands



### closed, 1 cable gland



### closed, 1 cable gland, bottom



# Hoods, double locking lever Size 24

## Hoods Size 24



### Lateral cable entry



### Top cable entry

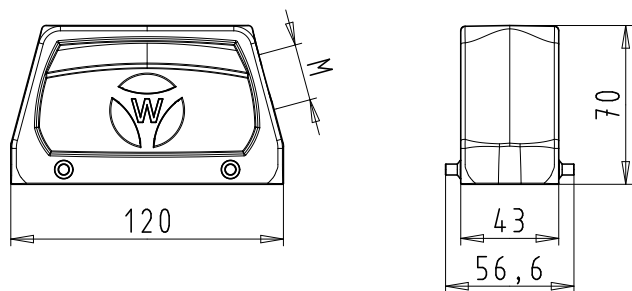


Description	Type	M	Part No.	P.U.
<b>Hoods, size 24</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GA 24 M25 A0	25	70.350.2435.0	1
with threaded collar	BAS GOT GA 24 M25 A1	25	70.350.2435.1	1
<b>Lateral cable entry M32</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	-			
Gasket	-			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

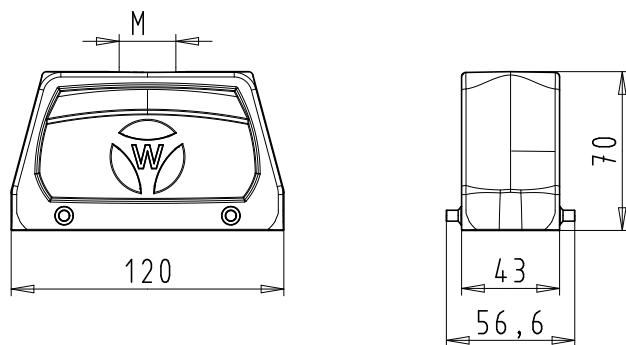
# Dimensions

## 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

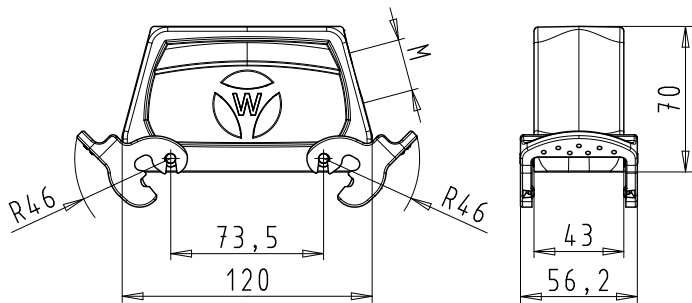


Description	Type	M	Part No.	P.U.
<b>Hoods, size 24</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GD 24 M25 A0	25	70.355.2435.0	1
with threaded collar	BAS GOT GD 24 M25 A1	25	70.355.2435.1	1
<b>Lateral cable entry M32</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>Multipole connectors for cable-to-cable couplings M32</b>				
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				
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket for Multipole connectors	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

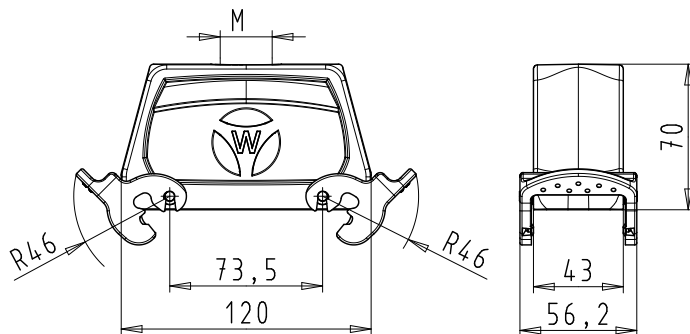
# Dimensions

## Hoods with Locking levers

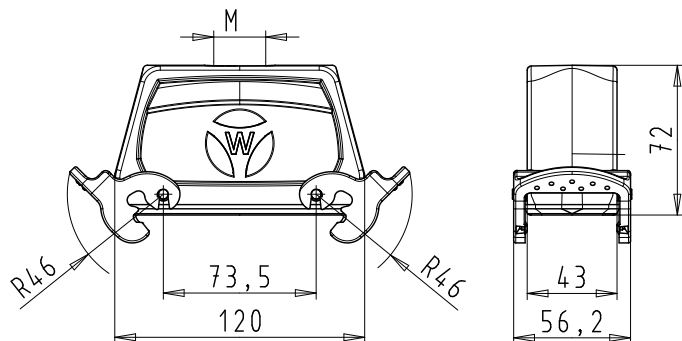
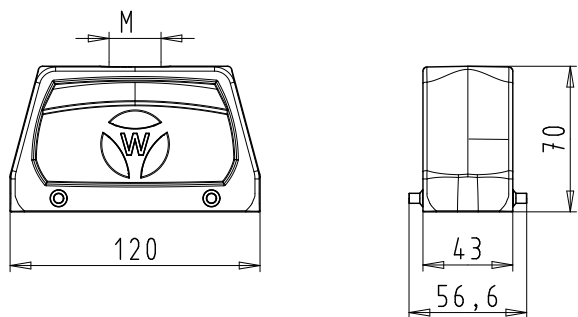
### Lateral cable entry



### 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



### Multipole connectors for cable-to-cable couplings

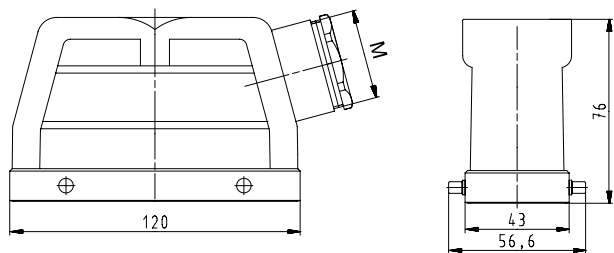


Hoods, size 24H		Aluminum housing			
<b>Lateral cable entry M25</b>					
with cable gland, IP54, $\rightarrow \text{Ø} $ 7.5 – 19 mm	BAS GOT GA 24H M25 A0	25	73.350.6435.0	1	
with threaded collar	BAS GOT GA 24H M25 A1	25	73.350.6435.1	1	
<b>Lateral cable entry M32</b>					
with cable gland, IP54, $\rightarrow \text{Ø} $ 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	
<b>Lateral cable entry M40</b>					
with cable gland, IP54, $\rightarrow \text{Ø} $ 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	
<b>Top cable entry M25</b>					
with cable gland, IP54, $\rightarrow \text{Ø} $ 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	
<b>Top cable entry M32</b>					
with cable gland, IP54, $\rightarrow \text{Ø} $ 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	
<b>Top cable entry M40</b>					
with cable gland, IP54, $\rightarrow \text{Ø} $ 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	
<b>Multipole connectors for cable-to-cable couplings M32</b>					
with threaded collar, locking levers and gasket	BAS GOT GK 24H M32 A1	32	73.374.6435.1	1	
<b>Multipole connectors for cable-to-cable couplings M40</b>					
with threaded collar, locking levers and gasket	BAS GOT GK 24H M40 A1	40	73.378.6435.1	1	
<b>Technical data</b>					
Material	Die cast aluminum alloy				
Surface	powder coated				
Locking levers	-				
Gasket	-				
<b>Degree of protection</b>					
with latched locking levers	IP54				
with appropriate cable glands	IP65				
Temperature range	-40 ... +120 °C				
Description	Type	M	Part No.	P.U.	
<b>Accessories</b>					
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	
<b>Contact inserts</b>					
See the product matrix			Page 24–25		

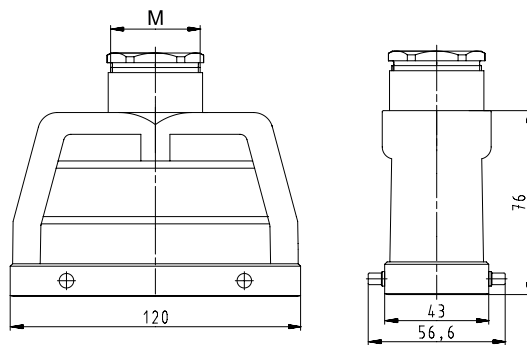
# Dimensions

## Hoods

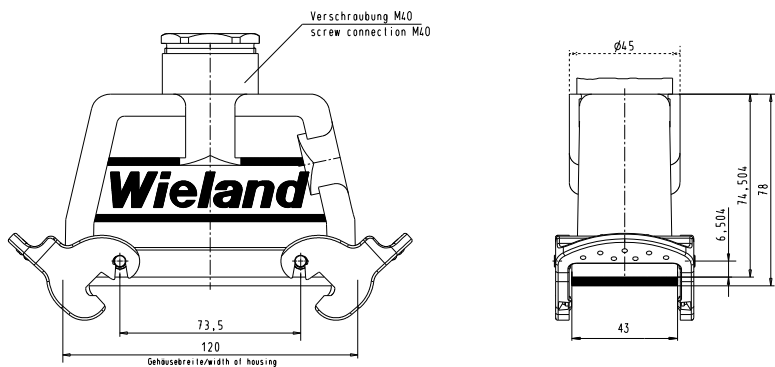
### Lateral cable entry



### Top cable entry



## Multipole connectors for cable-to-cable couplings



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

**Hoods**  
**Size 24H,**  
**increased height design**

**Lateral cable entry**



**Top cable entry**

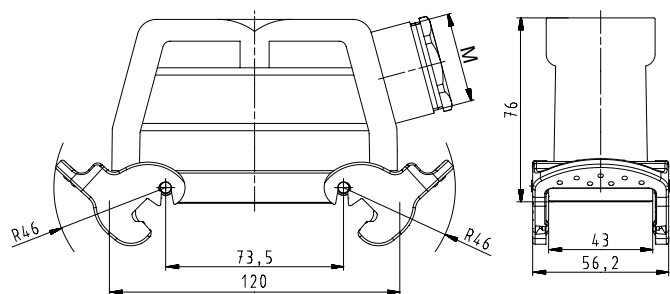


Description	Type	M	Part No.	P.U.
<b>Hoods, size 24H</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	BAS GOT GD 24H M25 A0	25	73.355.6435.0	1
with threaded collar	BAS GOT GD 24H M25 A1	25	73.355.6435.1	1
<b>Lateral cable entry M32</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>Lateral cable entry M40</b>				
with threaded collar	BAS GOT GD 24H M40 A1	40	73.365.6435.1	1
<b>Top cable entry M25</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>Top cable entry M32</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>Top cable entry M40</b>				
with threaded collar	BAS GOT GF 24H M40 A1	40	73.367.6435.0	1
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	Handle: Polyamide, UL94-V0; stainless steel: V2A			
Gasket	-			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

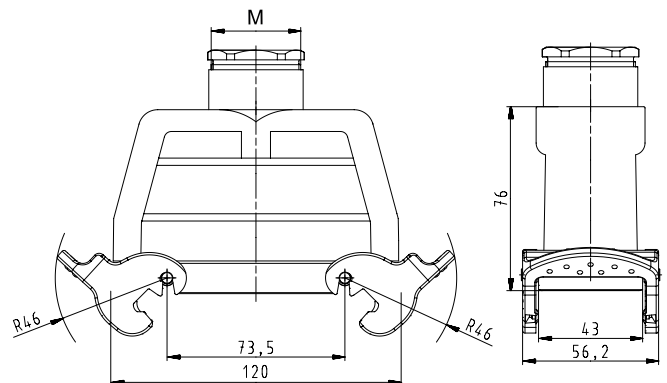
## Dimensions

### Hoods

#### Lateral cable entry



#### Top cable entry





# Hoods, double locking lever Size 24XL

## Hoods Size 24XL

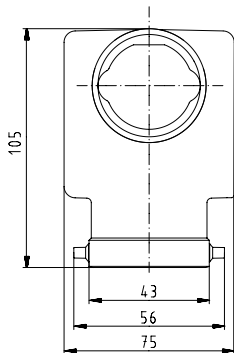
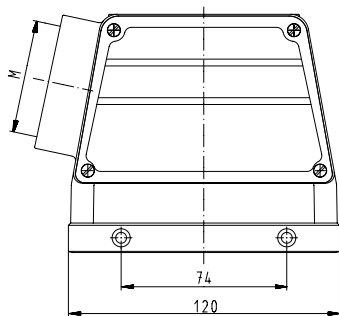
### Lateral cable entry



Description	Type	M	Part No.	P.U.
<b>Hoods, size 24XL</b>	<b>Aluminum housing</b>			
<b>Lateral cable entry M50</b>				
with intermediate support	POW GOT GA 24 M50 69 A2	50	72.250.2435.2	1
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	-			
Gasket	-			
<b>Degree of protection</b>				
with latched locking levers	-			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
<b>Contact inserts</b>				
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



### Bases, size 24

#### Open-bottom base

without cover  
with cover

### Aluminum housing

BAS GUT GA 24 A 70.320.2428.0 1  
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
<b>Degree of protection</b>	
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

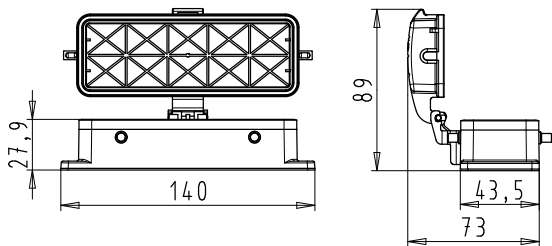
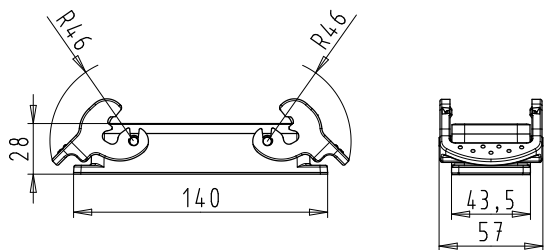
See the product matrix

Page 24–25

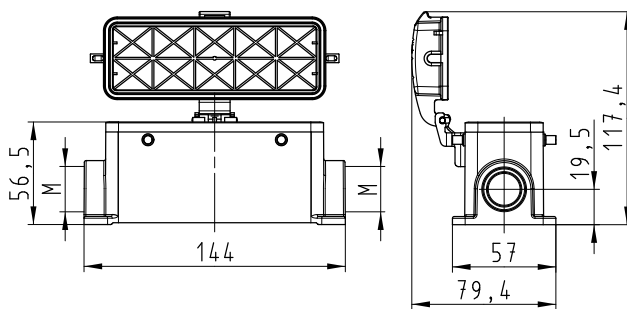
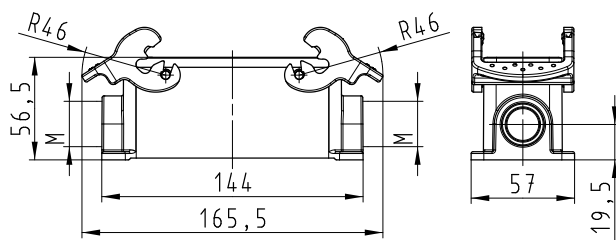
# Dimensions

## Bases

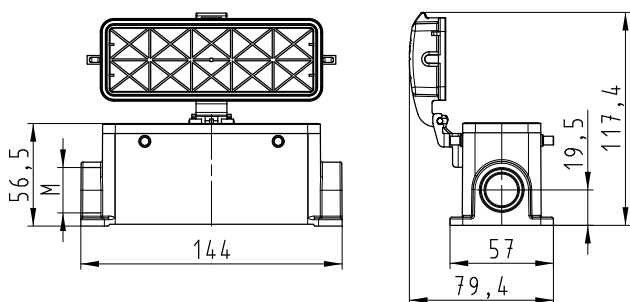
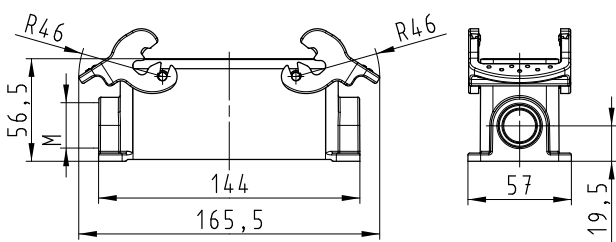
### open



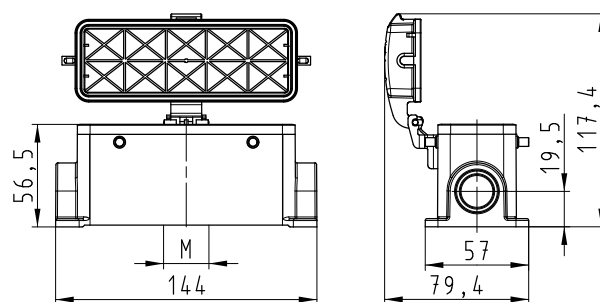
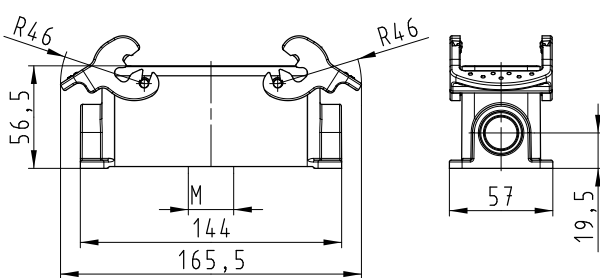
### closed, 2 cable glands



### closed, 1 cable gland, lateral cable entry



### closed, 1 cable gland, bottom



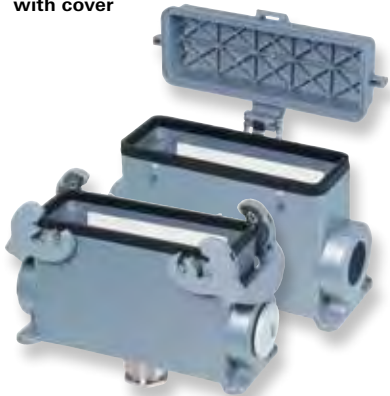
# Bases, double locking lever Size 24H, increased height design

## 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.
<b>Bases, size 24H</b>	<b>Aluminum housing</b>			
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M32</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>2 cable glands, 2 x M40</b>				
<b>without cover</b>				
with threaded collar	BAS GUT GB 24H M40 A1	40	73.338.6435.1	1
<b>1 cable gland, left, 1 x M32</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>1 cable gland, left, 1 x M40</b>				
<b>without cover</b>				
with threaded collar	BAS GUT GC 24H M40 A1	40	73.339.6435.1	1
<b>1 cable gland, right, 1 x M32</b>				
<b>with cover</b>				
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
<b>1 cable gland, bottom, 1 x M32</b>				
<b>without cover</b>				
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
<b>with cover</b>				
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
<b>Degree of protection</b>	
with latched locking levers	IP54
with appropriate cable glands	IP65
Temperature range	-40 ... +120 °C

Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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

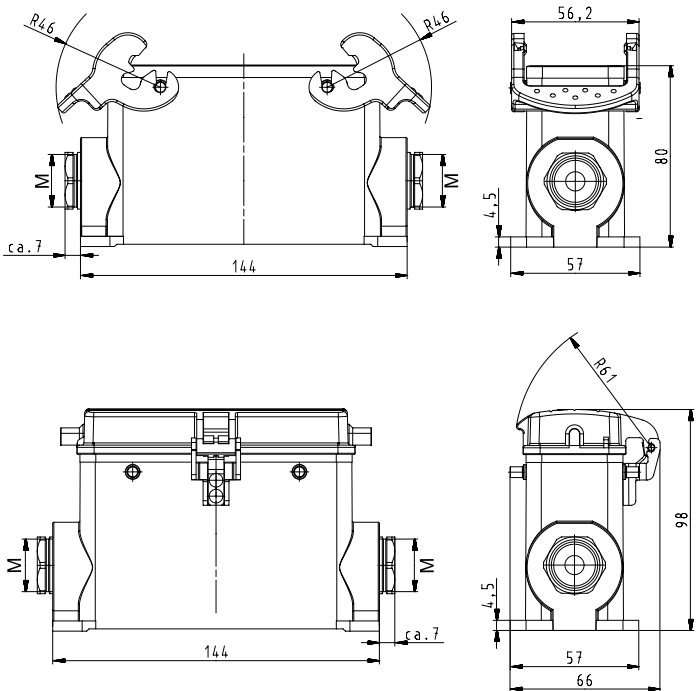
Page 24–25

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

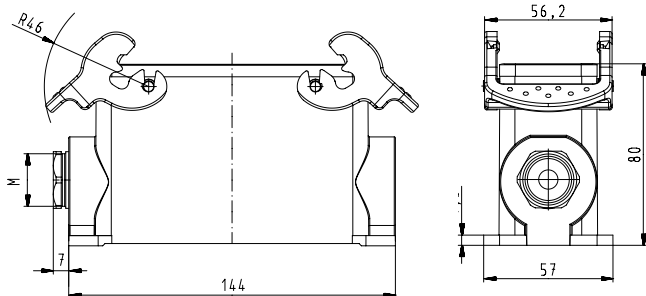
# Dimensions

## Bases

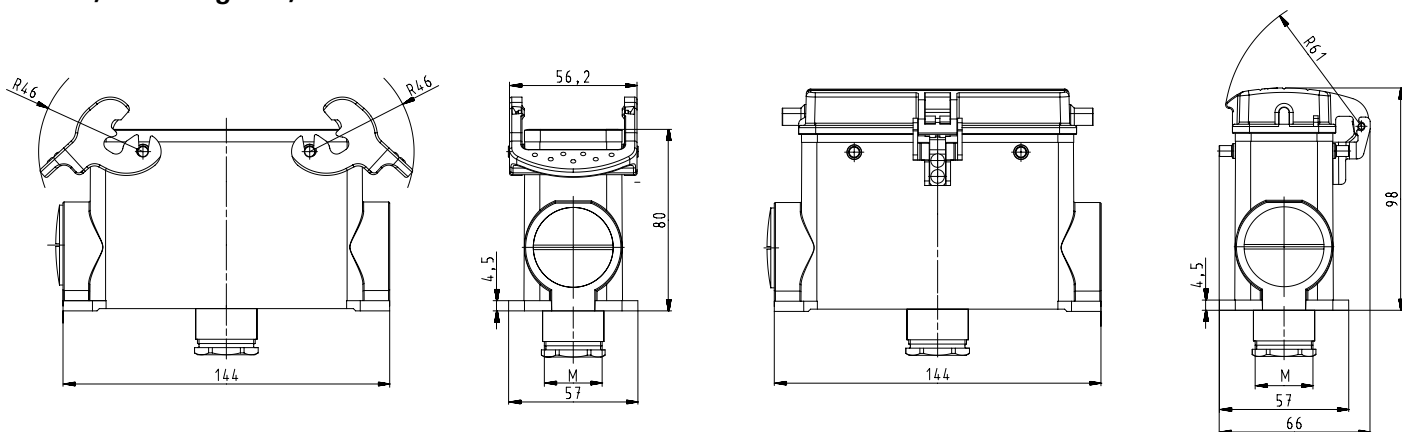
### closed, 2 cable glands



### closed, 1 cable gland



### closed, 1 cable gland, bottom



# Hoods, double locking lever Size 32

## Hoods, Size 32



### Lateral cable entry



### Top cable entry

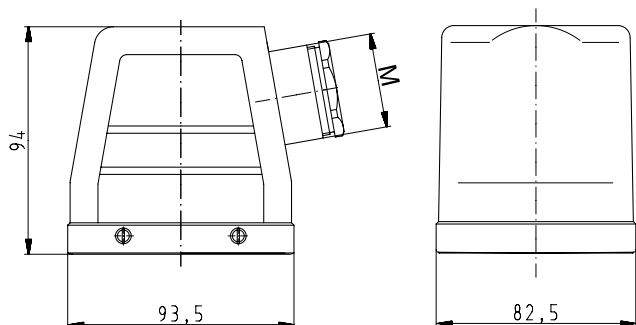


Description	Type	M	Part No.	P.U.
<b>Hoods, size 32</b>				
<b>Lateral cable entry M32</b>		<b>Aluminum housing</b>		
with cable gland, IP54, $\rightarrow \varnothing $ 15 – 26,5 mm	BAS GOT GA 32 M32 A0	32	70.350.3235.0	1
with threaded collar	BAS GOT GA 32 M32 A1	32	70.350.3235.1	1
<b>Lateral cable entry M40</b>				
with threaded collar	BAS GOT GA 32 M40 A1	40	70.353.3235.1	1
<b>Top cable entry M32</b>				
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
<b>Top cable entry M40</b>				
with threaded collar	BAS GOT GC 32 M40 A1	40	70.354.3235.1	1
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	–			
Gasket	–			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix				Page 24–25

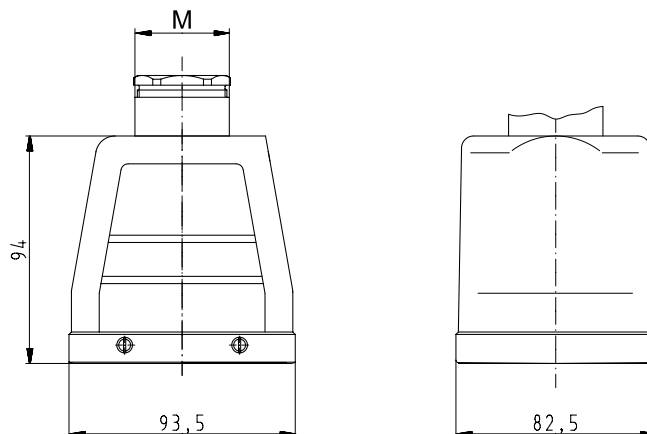
## Dimensions

### Hoods

#### Lateral cable entry



#### Top cable entry



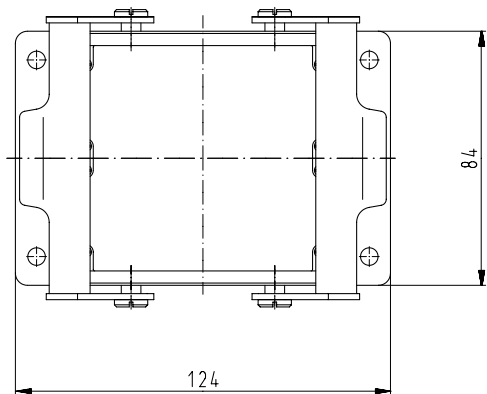
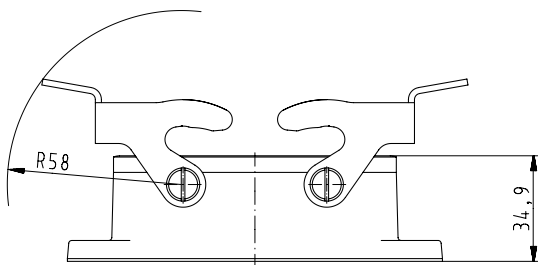
# Bases, double locking lever Size 32



Description	Type	M	Part No.	P.U.
<b>Base, size 32 open</b>	<b>Aluminum housing</b>			
without cover	BAS GUT GA 32 A	32	70.320.3228.0	1
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	zinc-plated steel			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
<b>Contact inserts</b>				
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



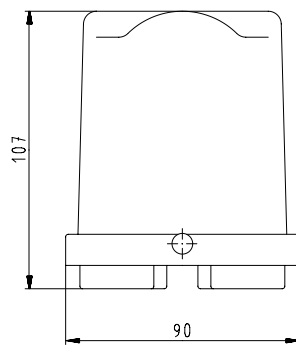
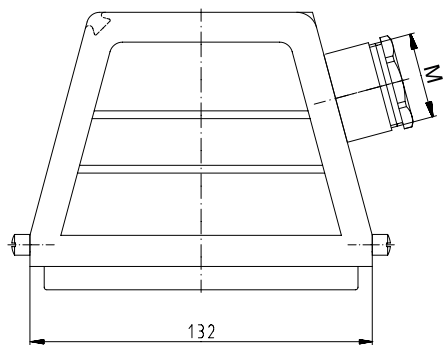
Description	Type	M	Part No.	P.U.
<b>500 V / 690 V Hoods, size 48</b>	<b>Aluminum housing</b>			
<b>Lateral cable entry M32</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 15 – 26,5 mm	BAS GOT GG 48 M32 A0	32	70.350.4835.0	1
with threaded collar	BAS GOT GG 48 M32 A1	32	70.350.4835.1	1
<b>Lateral cable entry M40</b>				
with threaded collar	BAS GOT GG 48 M40 A1	40	70.353.4835.1	1
<b>Top cable entry M32</b>				
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
<b>Top cable entry M40</b>				
with threaded collar	BAS GOT GI 48 M40 A1	40	70.354.4835.1	1
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	–			
Gasket	–			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	



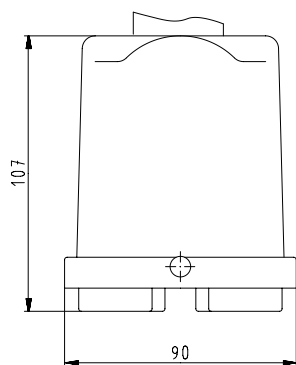
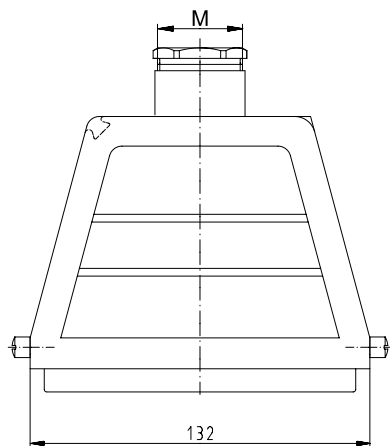
# Dimensions

## 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.
<b>500 / 690 V Bases, size 48</b>				
<b>Open-bottom base</b>				
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
<b>Closed-bottom base</b>				
<b>1 cable glands left, 1 x M32</b>				
<b>without cover</b>				
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
<b>with metal cover</b>				
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
<b>1 cable gland, left, 1 x M40</b>				
<b>with metal cover</b>				
with threaded collar	BAS GUT GR 48 M40 A1	40	70.344.4835.1	1

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

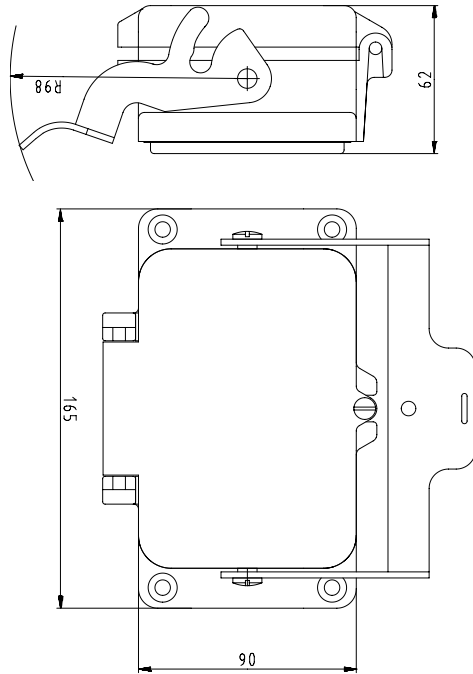
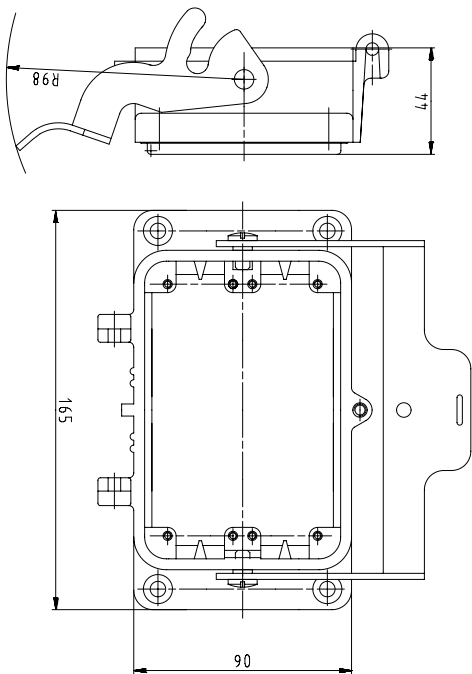
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
Cable gland IP68, plastic material, gray	Connection range 10 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10
Cable gland IP68, plastic material, gray	Connection range 16 – 28 mm	40	Z5.507.1953.0	1
Cable gland IP68, nickel-plated brass	Connection range 19 – 27 mm	40	Z5.507.1921.0	1

<b>Contact inserts</b>	
See the product matrix	Page 24–25

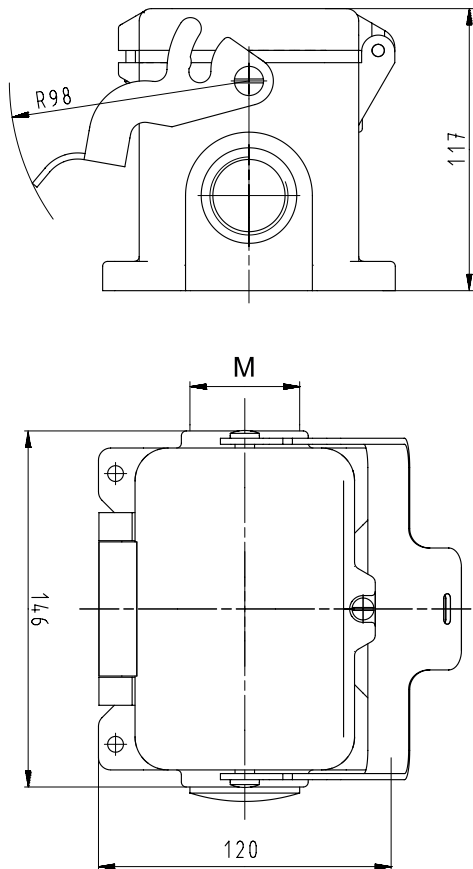
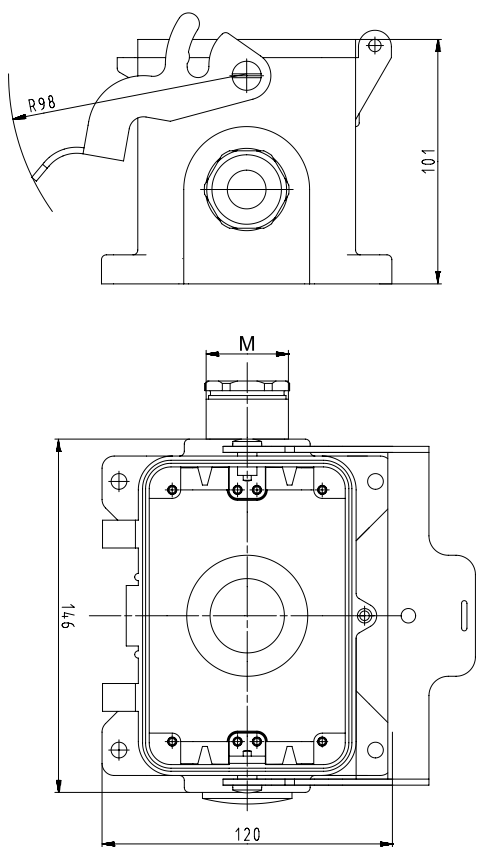
# Dimensions

## Bases

### open



### closed, 1 cable gland



# EMC Hoods, Size 6–24

## EMC Hoods

### Lateral cable entry



#### Size 6/6H



#### Size 24

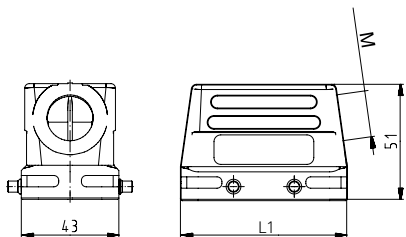


Description	Type	M	Part No.	P.U.
<b>EMC Hoods</b>		<b>Aluminum housing</b>		
<b>Lateral cable entry, size 6/6H</b>				
with threaded collar M20	BAS GOE GG 6 M20 50 A1	20	70.350.0645.1	1
with threaded collar M25	BAS GOE GG 6 M25 50 A1	25	70.353.0645.1	1
with threaded collar M25, increased height design	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
<b>Lateral cable entry, size 10/10H</b>				
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
<b>Lateral cable entry, size 16/16H</b>				
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
<b>Lateral cable entry, size 24/24H</b>				
with threaded collar M32	BAS GOE GA 24 M32 50 A1	32	70.353.2445.1	1
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	Special EMC plating, highly conductive			
Locking levers	-			
Gasket	-			
<b>Degree of protection</b>				
with latched locking levers	-			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
Cable gland EMV IP68, nickel-plated brass	Connection range 7.5 – 14 mm	20	Z5.503.7221.0	10
Cable gland EMV IP68, nickel-plated brass	Connection range 10 – 18 mm	25	Z5.503.7321.0	10
Cable gland EMV IP68, nickel-plated brass	Connection range 16 – 25 mm	32	Z5.503.7421.0	10
<b>Contact inserts</b>				
See the product matrix				Page 24–25

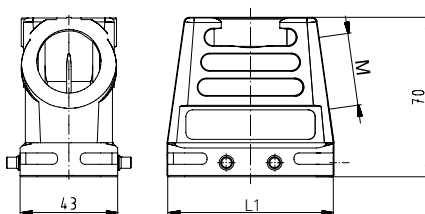
## Dimensions

### Hoods Lateral cable entry

#### Size 6 and 10

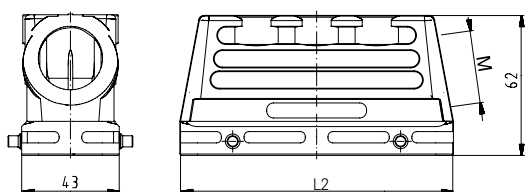


#### Size 6H and 10H

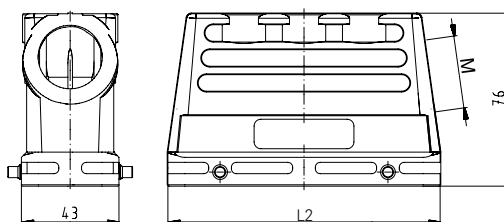


Size	L1 [mm]
6	60.0
6H	60.0
10	73.0
10H	73.0

#### Size 16 and 24





#### Size 16H



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

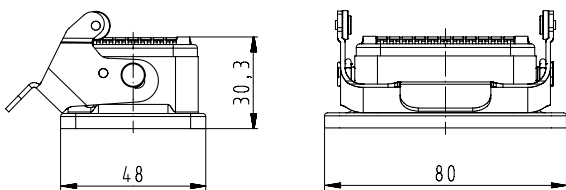
# EMC Bases, Size 6–24

<b>EMC Bases</b> <b>open</b>  <b>Size 6</b>    <b>Size 24</b>  	Description	Type	M	Part No.	P.U.
	<b>EMC Bases</b> <b>Open</b> Size 6 Size 10 Size 16 Size 24	<b>Aluminum housing</b>  BAS GUE GK 6 50 A BAS GUE GA 10 50 A BAS GUE GA 16 50 A BAS GUE GA 24 50 A			70.320.0638.0 70.320.1038.0 70.320.1638.0 70.320.2438.0
<b>Technical data</b>					
Material		Die cast aluminum alloy			
Surface		Special EMC plating, highly conductive			
Locking levers		Steel			
Gasket		-			
<b>Degree of protection</b>					
with latched locking levers		-			
with appropriate cable glands		IP65			
Temperature range		-40 ... +120 °C			
<b>Contact inserts</b>					
See the product matrix				Page 24–25	

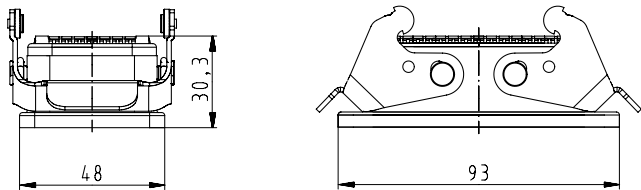
## Dimensions

### Open-Bottom bases

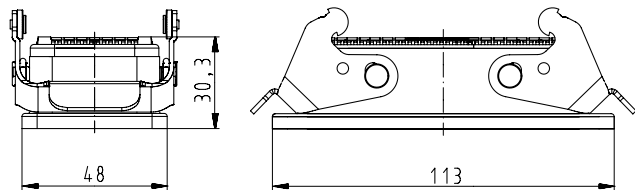
#### Size 6



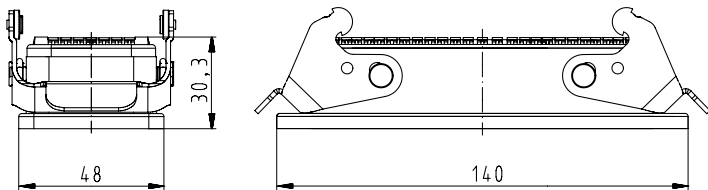
#### Size 10



#### Size 16



#### Size 24



# Motor connector housing, single locking lever

## Size 10

### Motor connector housing, single locking lever



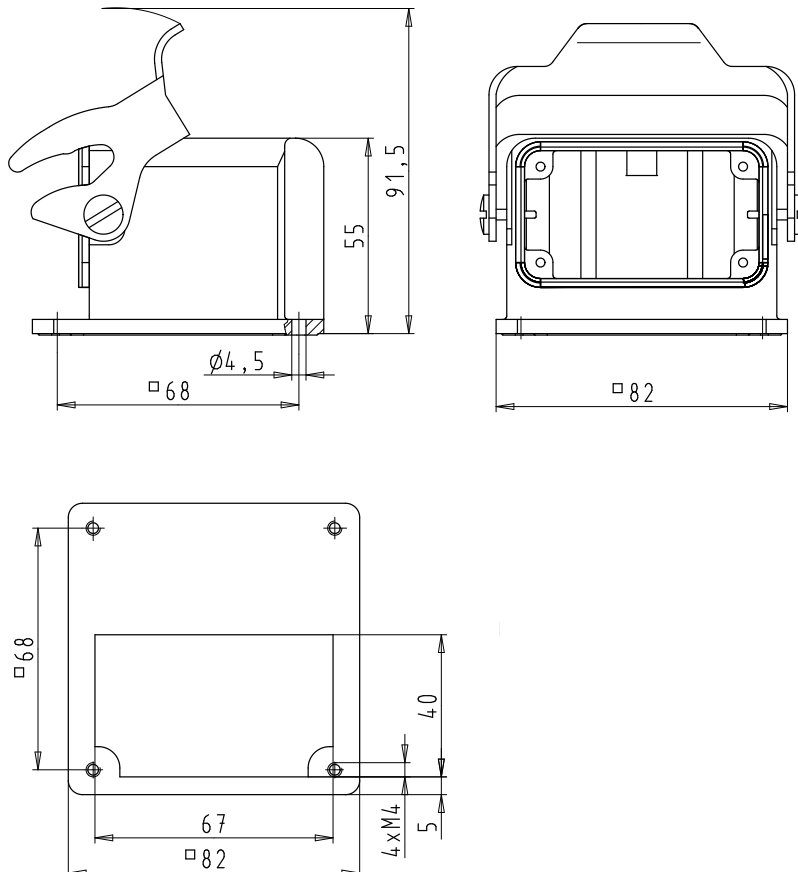
### Size 10



Description	Type	M	Part No.	P.U.
<b>Motor connector housing, size 10</b>				
Base open	BAS GUT GQ 10 A		71.321.1028.0	1
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	zinc-plated steel			
Gasket at multipole connectors	NBR			
<b>Degree of protection</b>				
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.

**P**lant 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

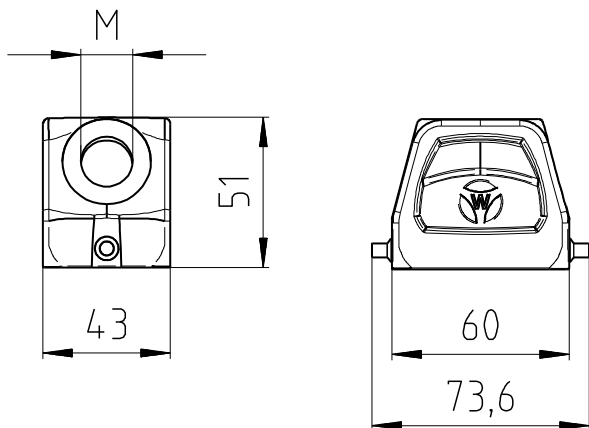


Description	Type	M	Part No.	P.U.
<b>Hoods, size 6</b>	<b>Aluminum housing</b>			
<b>Lateral cable entry M20</b>				
with threaded collar	BAS GOM GG 6 M20 B1	20	70.450.0637.1	1
<b>Lateral cable entry M25</b>				
with threaded collar	BAS GOM GG 6 M25 B1	25	70.453.0637.1	1
<b>Top cable entry M20</b>				
with threaded collar	BAS GOM GI 6 M20 B1	20	70.452.0637.1	1
<b>Top cable entry M25</b>				
with threaded collar	BAS GOM GI 6 M25 B1	25	70.454.0637.1	1
<b>Multipole connectors for cable-to-cable couplings M20</b>				
with threaded collar, locking levers and gasket	BAS GOM GL 6 M20 B1	20	70.472.0637.1	1
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	-			
Corrosion protection (NSS)	> 2000 hrs according to DIN EN ISO 9227			
Locking levers	-			
Gasket	-			
<b>Degree of protection</b>				
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.
<b>Accessories</b>				
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10

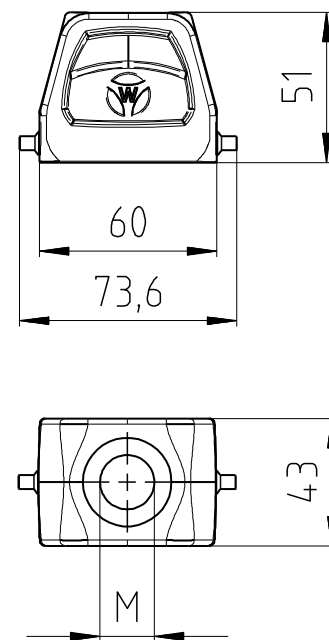


# Dimensions

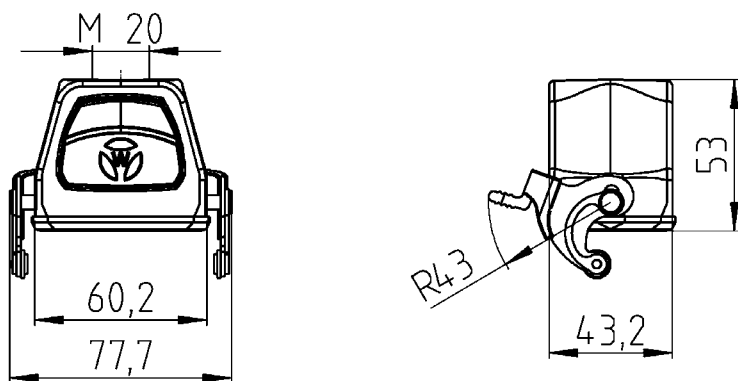
## Lateral cable entry



## Top cable entry



## Multipole connectors for cable-to-cable couplings



# Bases, single locking lever Size 6

## Bases, Size 6

open



closed  
2 x threaded collar



closed  
1 x threaded collar, left



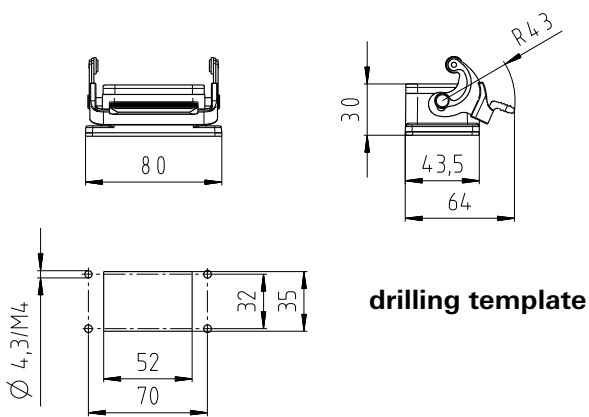
Description	Type	M	Part No.	P.U.
<b>Bases, size 6</b>	<b>Aluminum housing</b>			
<b>Open-bottom base</b>				
without cover	BAS GUM GK 6 B		70.420.0637.0	1
with metal cover	BAS GUM GP 6 B		70.425.0637.0	1
<b>Closed-bottom base</b>				
<b>2 x threaded collar M20</b>				
without cover	BAS GUM GL 6 M20 B1	20	70.430.0637.1	1
with metal cover	BAS GUM GR 6 M20 B1	20	70.440.0637.1	1
<b>Closed-bottom base</b>				
<b>1 x threaded collar M20, left</b>				
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
<b>Closed-bottom base</b>				
<b>1 x threaded collar M25, left</b>				
without cover	BAS GUM GM 6 M25 B1	25	70.435.0637.1	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
<b>Degree of protection</b>	
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

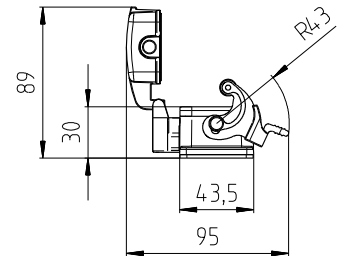
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10

# Dimensions

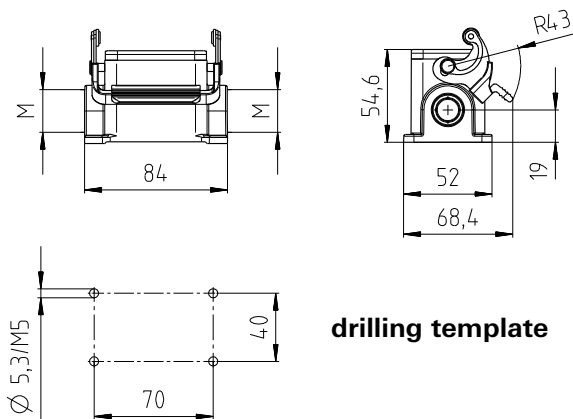
**open**  
**without cover**



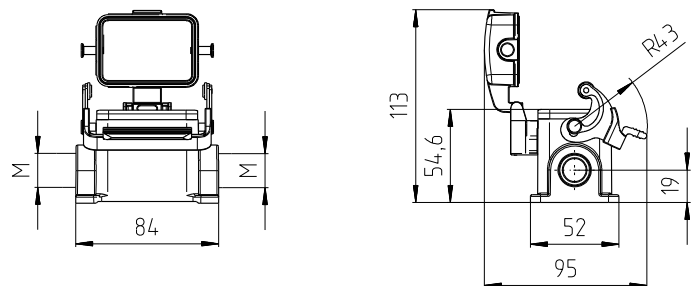
**with metal cover**



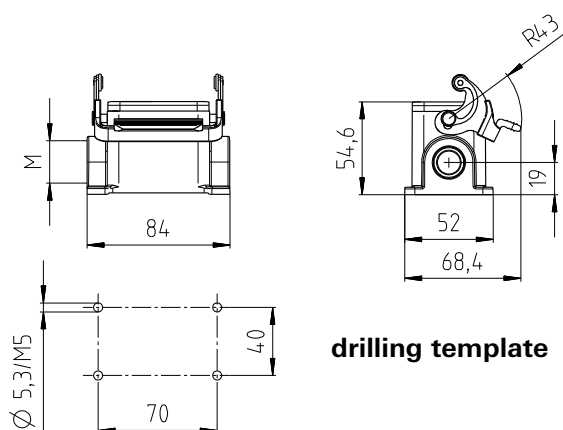
**closed, 2 x threaded collar**  
**without cover**



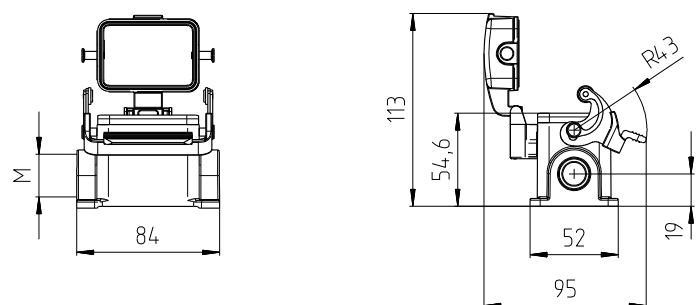
**with metal cover**



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



**with metal cover**



# Hoods, single locking lever Size 10

## Hoods Size 10

### Lateral cable entry



### Top cable entry



### Multipole connectors for cable-to-cable couplings



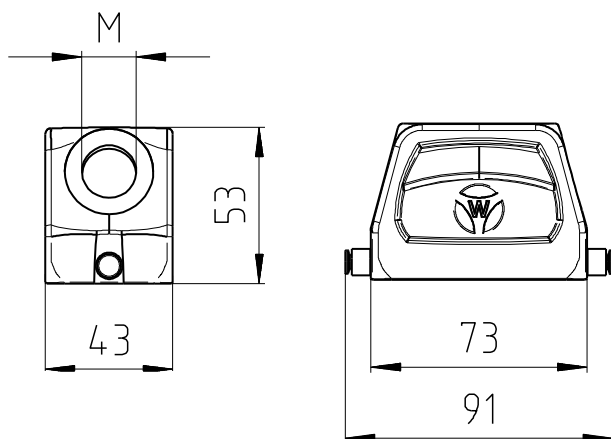
Description	Type	M	Part No.	P.U.
<b>Hoods, size 10</b>	<b>Aluminum housing</b>			
<b>Lateral cable entry M20</b>				
with threaded collar	BAS GOM GG10 M20 B1	20	71.450.1037.1	1
<b>Top cable entry M20</b>				
with threaded collar	BAS GOM GI10 M20 B1	20	71.452.1037.1	1
<b>Multipole connectors for cable-to-cable couplings M20</b>				
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

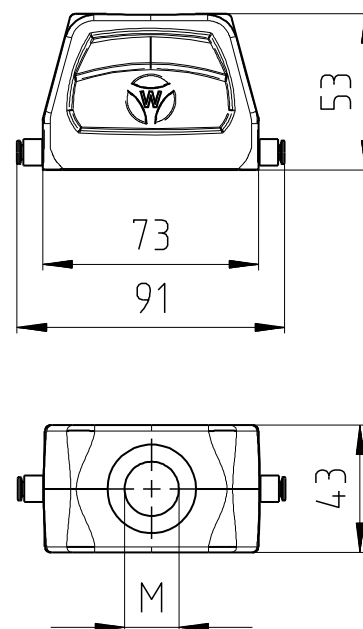
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10

## Dimensions

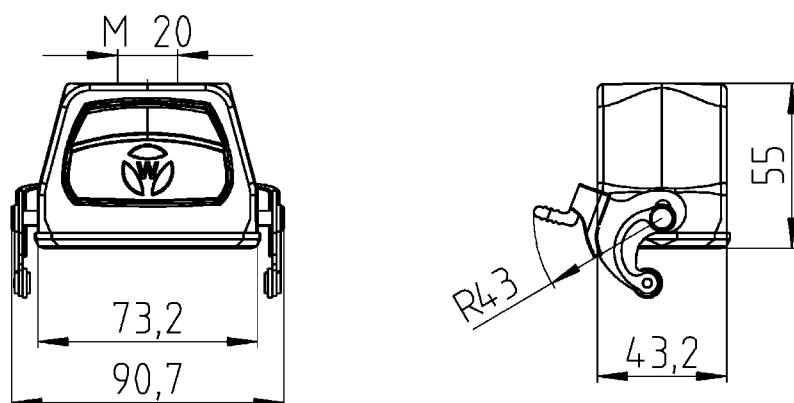
### Lateral cable entry



### 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

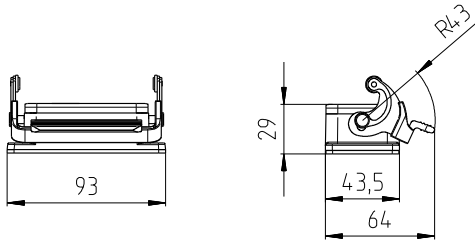


Description	Type	M	Part No.	P.U.
<b>Bases, size 10</b>				
<b>Open-bottom base</b>				
without cover	BAS GUM GK 10 B		71.420.1037.0	1
with metal cover	BAS GUM GP 10 B		71.425.1037.0	1
<b>Closed-bottom base</b>				
<b>2 x threaded collar M20</b>				
without cover	BAS GUM GL 10 M20 B1	20	71.430.1037.1	1
with metal cover	BAS GUM GR 10 M20 B1	20	71.440.1037.1	1
<b>Closed-bottom base</b>				
<b>1 x threaded collar M20, left</b>				
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
<b>Technical data</b>				
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			
<b>Degree of protection</b>				
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			

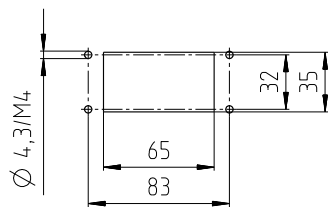
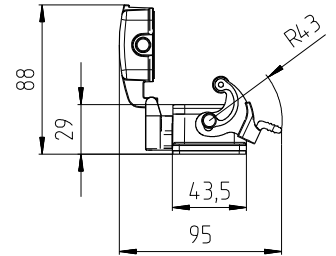
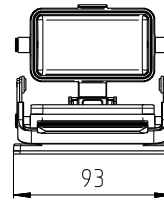
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
Cable gland IP68, nickel-plated brass	Connection range 8 – 13 mm	20	Z5.507.1321.0	10

# Dimensions

**open**  
**without cover**

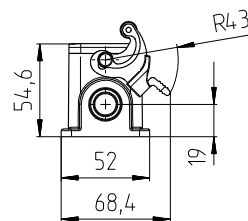
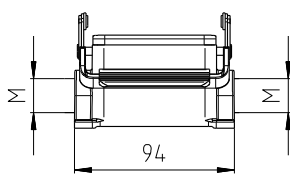


**with metal cover**

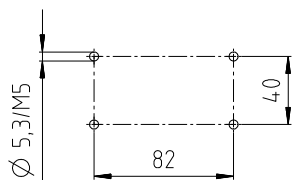
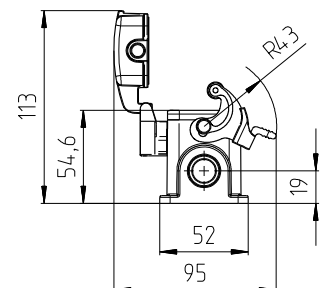
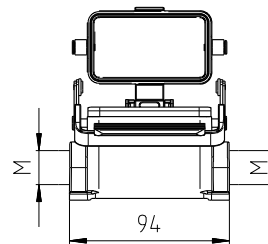


**drilling template**

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

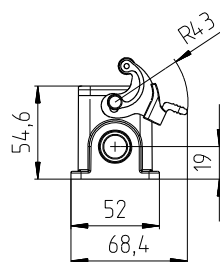
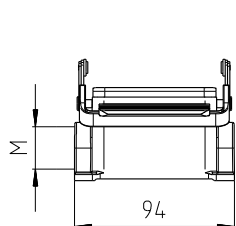


**with metal cover**

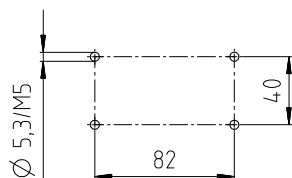
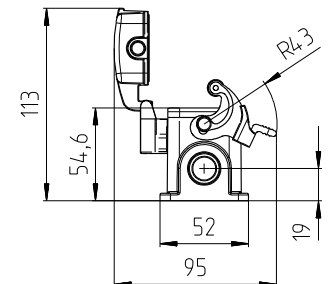
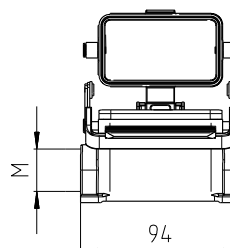


**drilling template**

**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

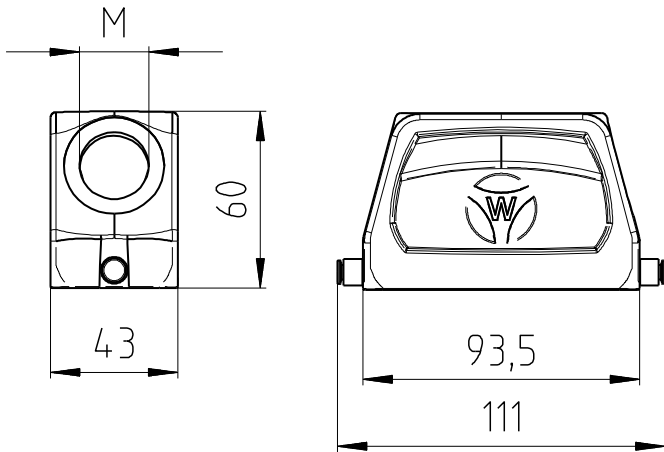


Description	Type	M	Part No.	P.U.
<b>Hoods, size 16</b>	<b>Aluminum housing</b>			
<b>Lateral cable entry M25</b>				
with threaded collar	BAS GOM GG16 M25 B1	25	71.450.1637.1	1
<b>Lateral cable entry M32</b>				
with threaded collar	BAS GOM GG16 M32 B1	32	71.453.1637.1	1
<b>Top cable entry M25</b>				
with threaded collar	BAS GOM GI16 M25 B1	25	71.452.1637.1	1
<b>Multipole connectors for cable-to-cable couplings M25</b>				
with threaded collar, locking levers and gasket	BAS GOM GL16 M25 B1	25	71.472.1637.1	1
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	-			
Corrosion protection (NSS)	> 2000 hrs according to DIN EN ISO 9227			
Locking levers	-			
Gasket	-			
<b>Degree of protection</b>				
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.
<b>Accessories</b>				
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10

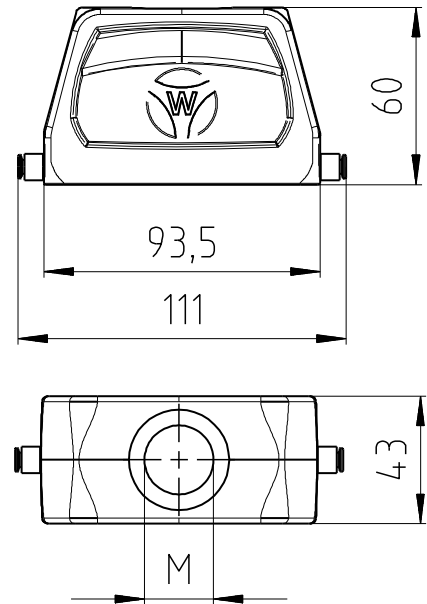


## Dimensions

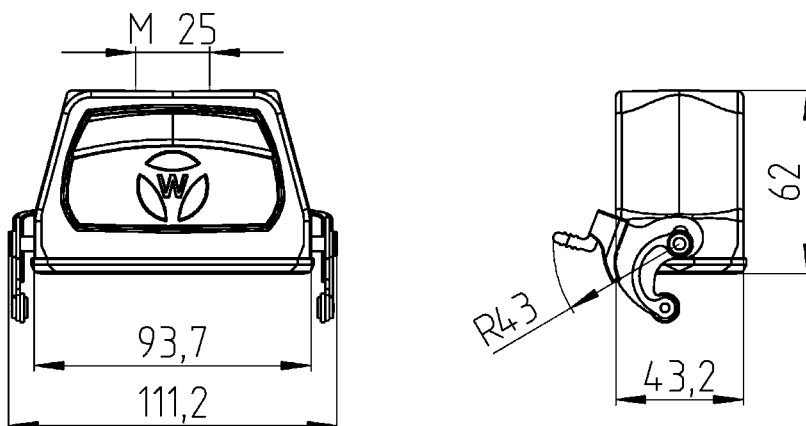
### Lateral cable entry



### 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



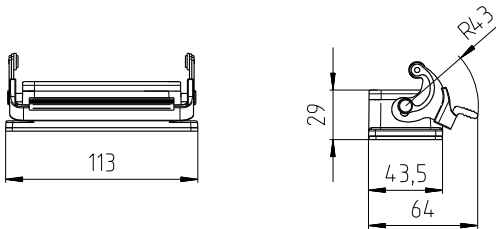
### closed 1 x threaded collar, left



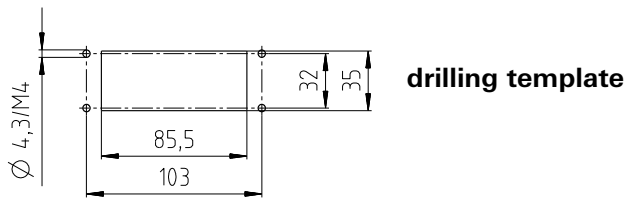
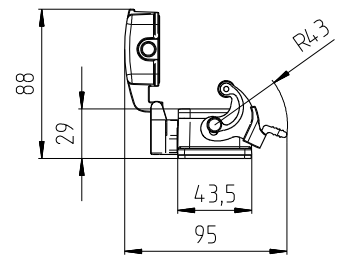
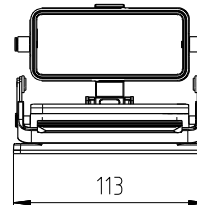
Description	Type	M	Part No.	P.U.
<b>Bases, size 16</b>				
<b>Open-bottom base</b>				
without cover	BAS GUM GK 16 B		71.420.1637.0	1
with metal cover	BAS GUM GP 16 B		71.425.1637.0	1
<b>Closed-bottom base</b>				
<b>2 x threaded collar M25</b>				
without cover	BAS GUM GL 16 M25 B1	25	71.430.1637.1	1
with metal cover	BAS GUM GR 16 M25 B1	25	71.440.1637.1	1
<b>Closed-bottom base</b>				
<b>1 x threaded collar M25, left</b>				
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
<b>Closed-bottom base</b>				
<b>1 x threaded collar M25, right</b>				
with metal cover	BAS GUM GT 16 M25 B1	25	71.442.1637.1	1
<b>Closed-bottom base</b>				
<b>1 x threaded collar M25, bottom</b>				
with metal cover	BAS GUM GU 16 M25 B1	25	71.443.1637.1	1
<b>Technical data</b>				
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			
<b>Degree of protection</b>				
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.
<b>Accessories</b>				
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10

# Dimensions

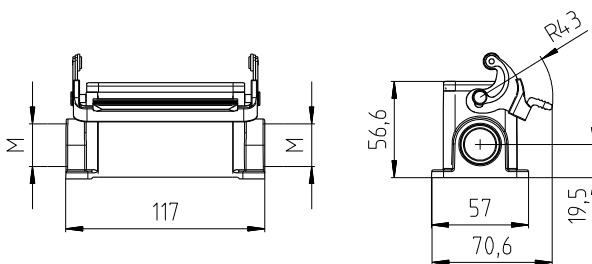
**open**  
**without cover**



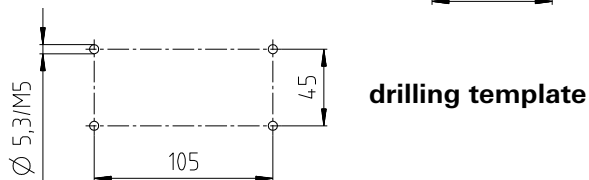
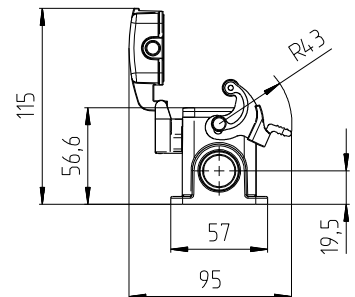
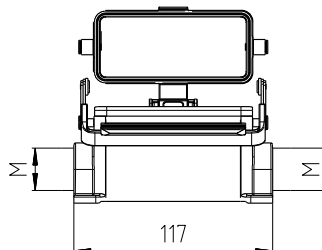
**with metal cover**



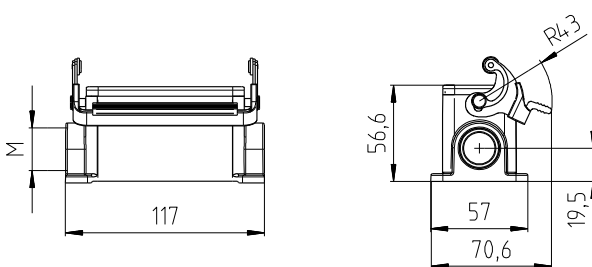
**closed, 2 x threaded collar**  
**without cover**



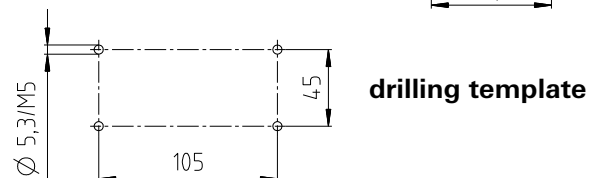
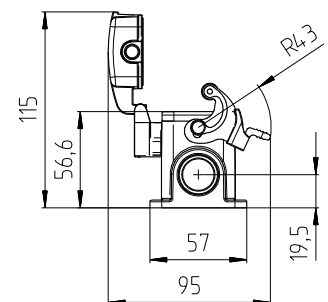
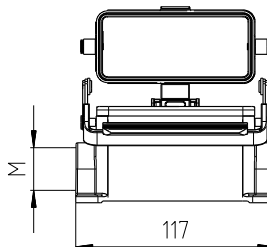
**with metal cover**



**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



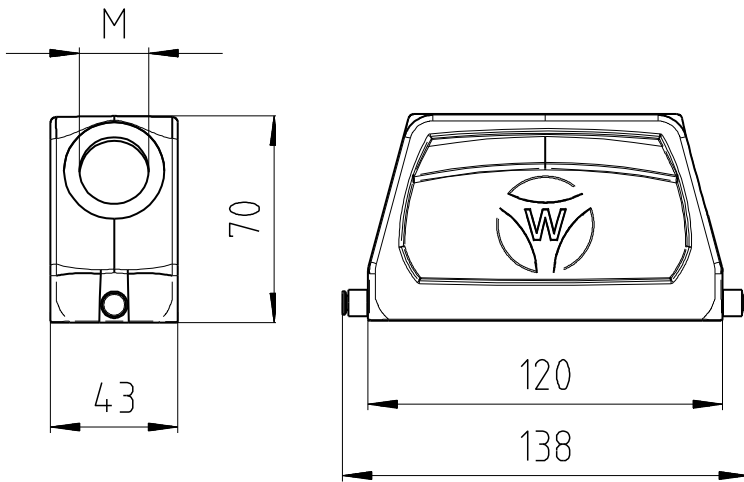
Description	Type	M	Part No.	P.U.
<b>Hoods, size 24</b>	<b>Aluminum housing</b>			
<b>Lateral cable entry M25</b>				
with threaded collar	BAS GOM GG24 M25 B1	25	71.450.2437.1	1
<b>Top cable entry M25</b>				
with threaded collar	BAS GOM GI24 M25 B1	25	71.452.2437.1	1
<b>Multipole connectors for cable-to-cable couplings M25</b>				
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

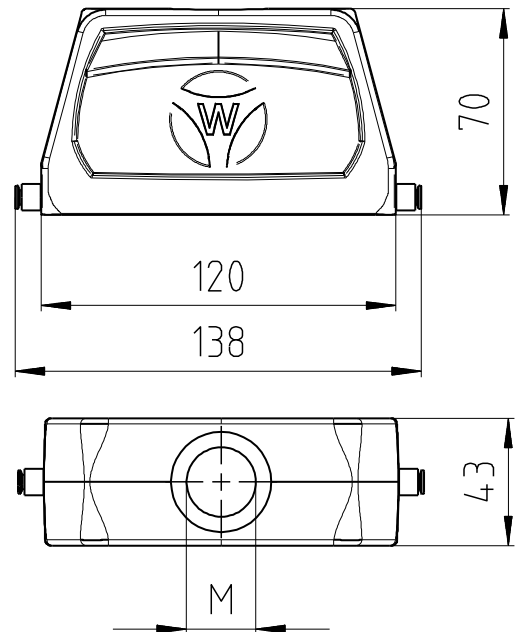
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10

## Dimensions

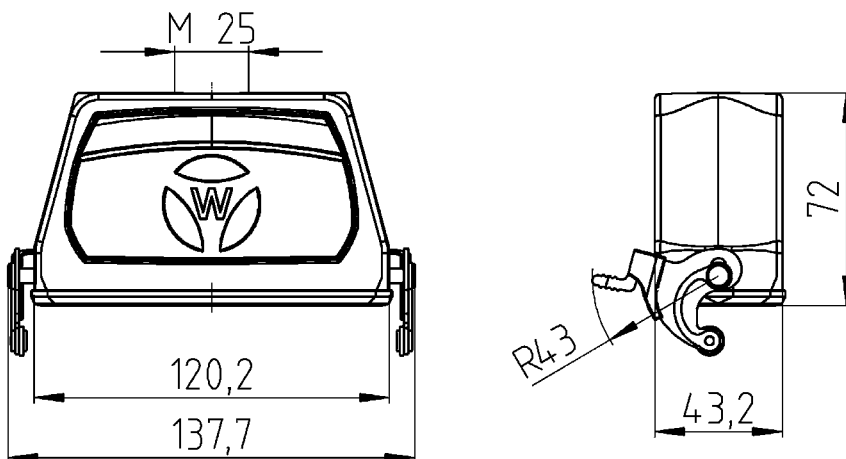
### Lateral cable entry



### 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

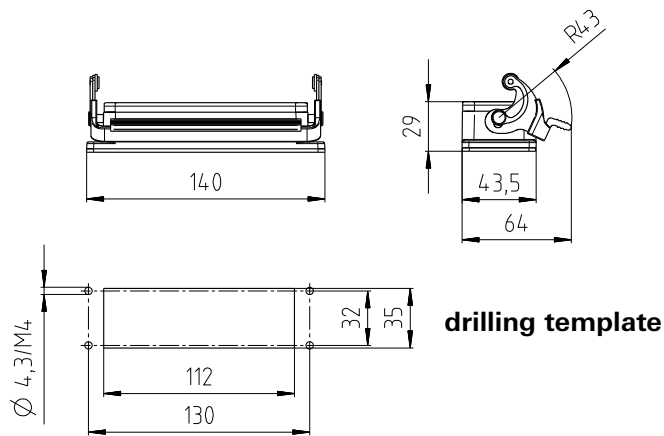


Description	Type	M	Part No.	P.U.
<b>Bases, size 24</b>				
<b>Open-bottom base</b>				
without cover	BAS GUM GK 24 B		71.420.2437.0	1
with metal cover	BAS GUM GP 24 B		71.425.2437.0	1
<b>Closed-bottom base</b>				
<b>2 x threaded collar M25</b>				
without cover	BAS GUM GL 24 M25 B1	25	71.430.2437.1	1
with metal cover	BAS GUM GR 24 M25 B1	25	71.440.2437.1	1
<b>Closed-bottom base</b>				
<b>1 x threaded collar M25, left</b>				
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
<b>Technical data</b>				
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			
<b>Degree of protection</b>				
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			

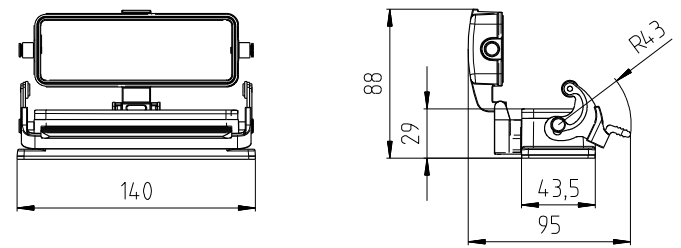
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10

# Dimensions

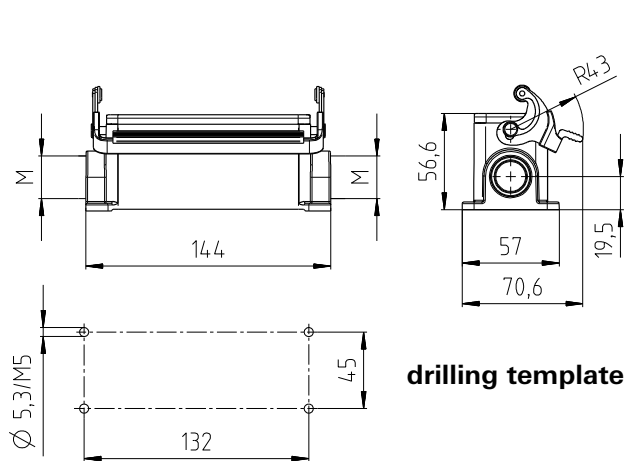
**open**  
**without cover**



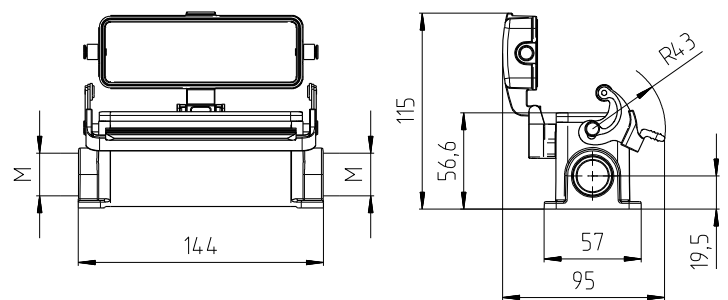
**with metal cover**



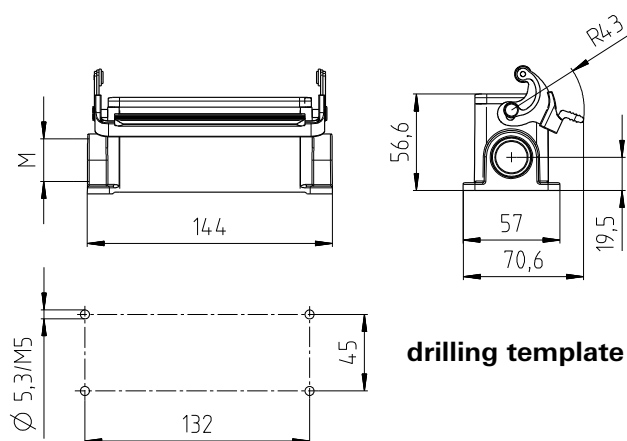
**closed, 2 x threaded collar**  
**without cover**



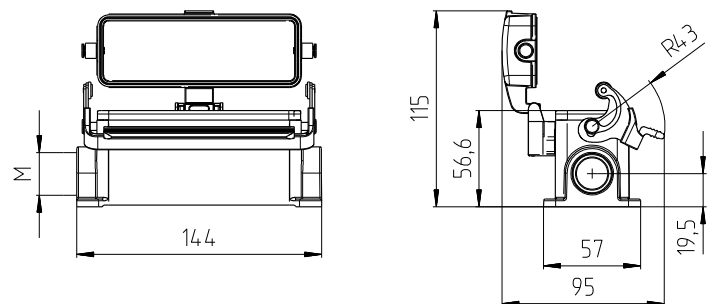
**with metal cover**



**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



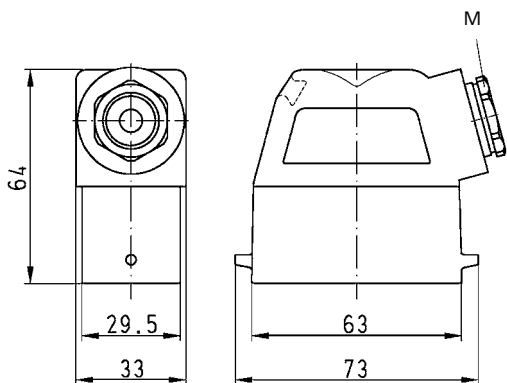
Description	Type	M	Part No.	P.U.
<b>Hoods, size 10/15</b>		<b>Aluminum housing</b>		
<b>Lateral cable entry M20</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	HD GOT GG 15 M20 50 A0	20	76.350.1535.0	1
with intermediate support	HD GOT GG 15 M20 50 A2	20	76.350.1535.2	1
<b>Lateral cable entry M25</b>				
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
<b>Top cable entry M20</b>				
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
<b>Top cable entry M25</b>				
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
<b>Multipole connectors for cable-to-cable couplings M20</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	–			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	



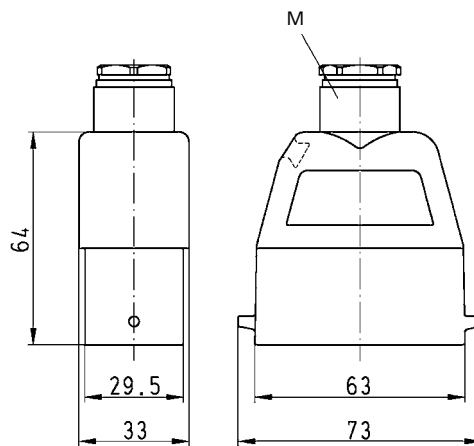
# Dimensions

## Hoods

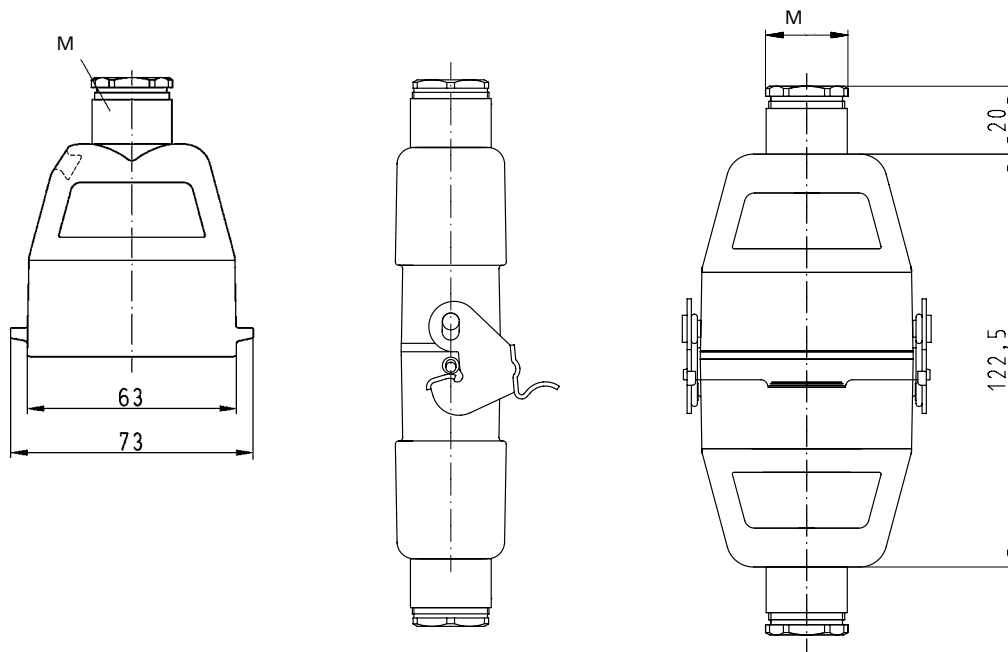
### Lateral cable entry



### 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

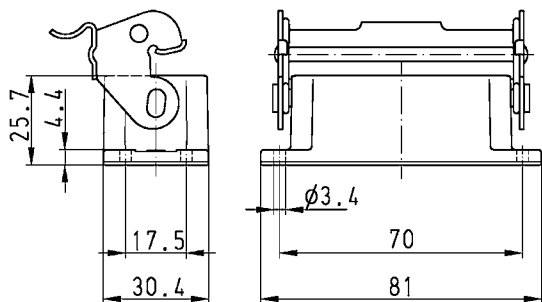


Description	Type	M	Part No.	P.U.
<b>Bases, size 10/15</b>				
<b>Open-bottom base</b>				
without cover	HD GUT GK 15 50 A		76.320.1528.0	1
with metal cover	HD GUT MP 15 50 A		76.425.1528.0	1
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>1 cable gland, left, 1 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>1 cable gland, right, 1 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>1 cable gland seitlich, left, 1 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>1 cable gland seitlich, right, 1 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	zinc-plated steel			
Gasket	-			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

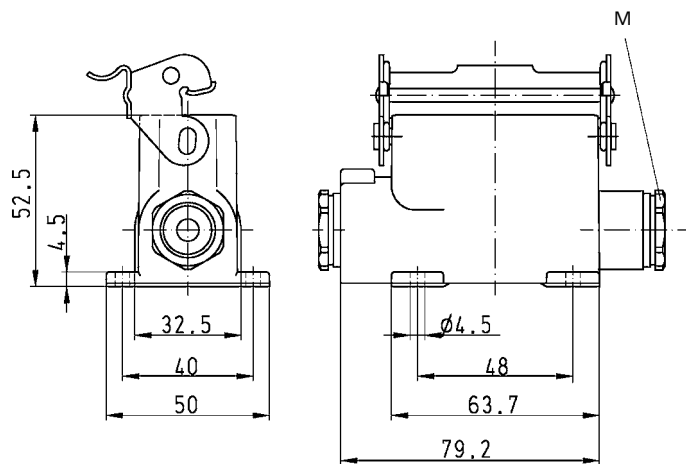
# Dimensions

## Bases

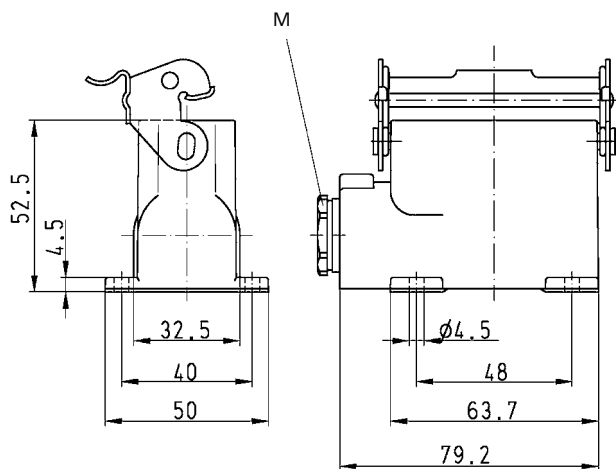
### open



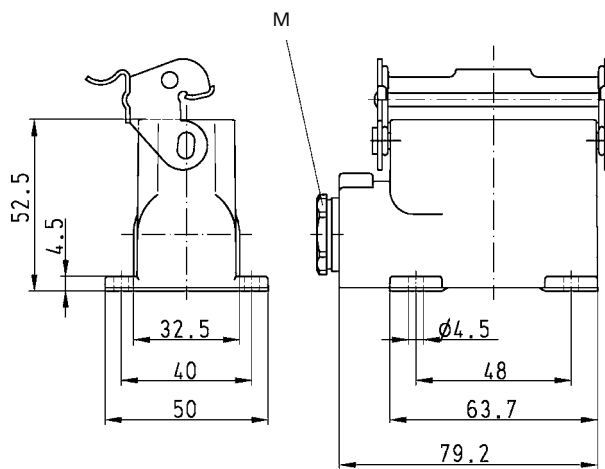
### closed, 2 cable glands



### 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

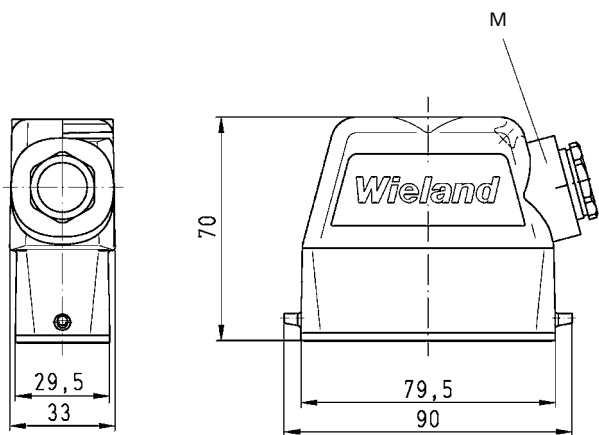


Description	Type	M	Part No.	P.U.
<b>Hoods, size 16/25</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M20</b>				
with cable gland, IP54, $\rightarrow \text{Ø} \leftarrow$ 3 – 14.5 mm	HD GOT GG 25 M20 50 A0	20	76.350.2535.0	1
with intermediate support	HD GOT GG 25 M20 50 A2	20	76.350.2535.2	1
<b>Lateral cable entry M25</b>				
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
<b>Top cable entry M20</b>				
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
<b>Top cable entry M25</b>				
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
<b>Multipole connectors for cable-to-cable couplings M20</b>				
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
<b>Multipole connectors for cable-to-cable couplings M25</b>				
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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers at Multipole connectors	Steel			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

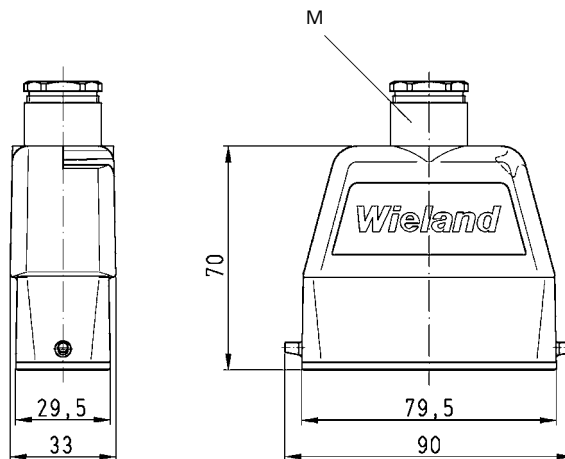
# Dimensions

## Hoods

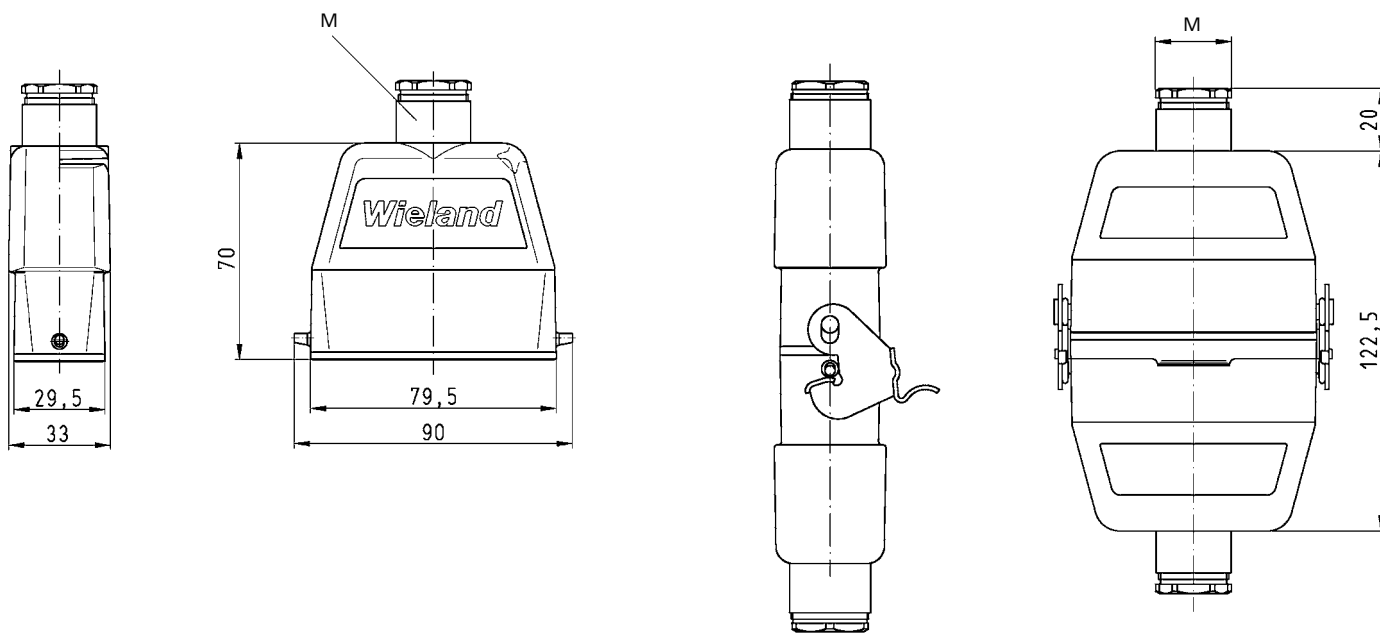
### Lateral cable entry



### 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

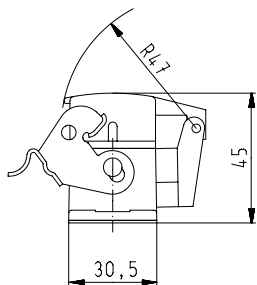
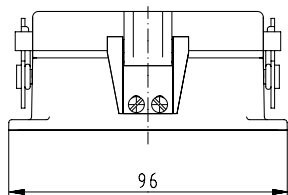


Description	Type	M	Part No.	P.U.
<b>Bases, size 16/25</b>				
<b>Open-bottom base</b>				
without cover	HD GUT GK 25 50 A		76.320.2528.0	1
mit plasticdeckel	HD GUT GP 25 50 A		76.325.2528.0	1
with metal cover	HD GUT MP 25 50 A		76.425.2528.0	1
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>1 cable gland, left, 1 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>1 cable gland, right, 1 x M20</b>				
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>1 cable gland, right, 1 x M25</b>				
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	zinc-plated steel			
Gasket	-			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

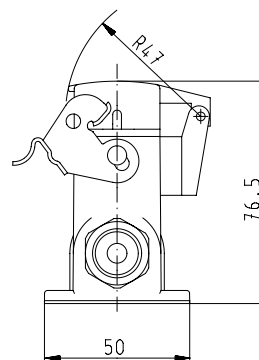
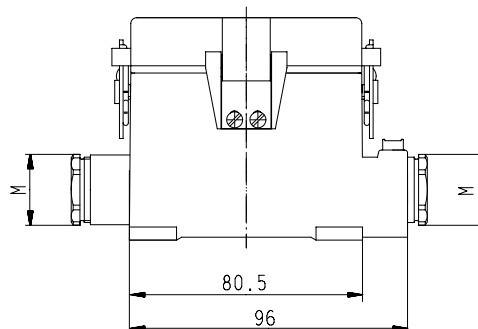
# Dimensions

## Bases

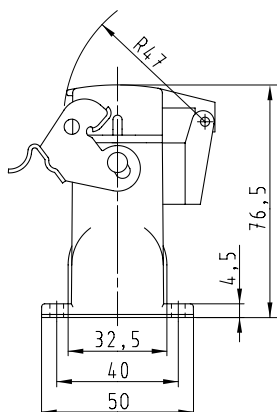
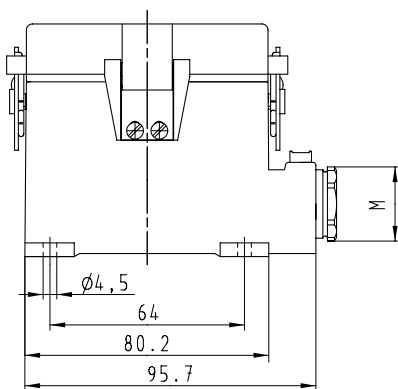
open with cover



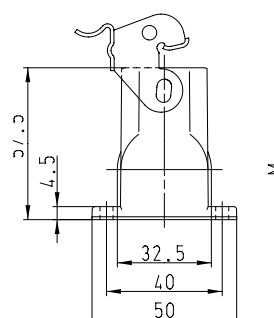
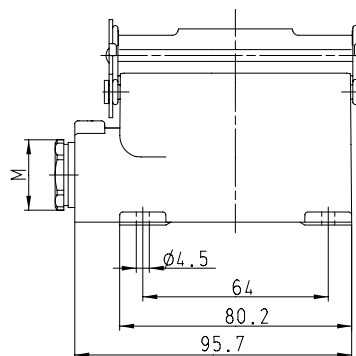
closed with cover, 2 cable glands



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



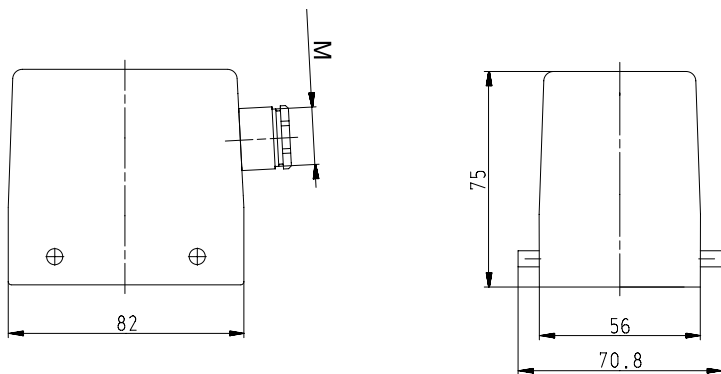
Description	Type	M	Part No.	P.U.
<b>Hoods, size 32/50</b>	<b>Aluminum housing</b>			
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 7.5 – 19 mm	HD GOT GA 32 M25 69 A0	25	73.350.3235.0	1
with threaded collar	HD GOT GA 32 M25 69 A1	25	73.350.3235.1	1
<b>Lateral cable entry M32</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Top cable entry M25</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Top cable entry M32</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Multipole connectors for cable-to-cable couplings M25</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Multipole connectors for cable-to-cable couplings M32</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	zinc-plated steel			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	



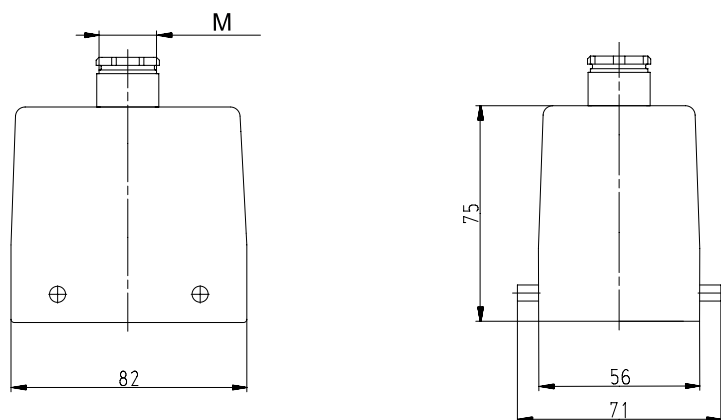
# Dimensions

## Hoods

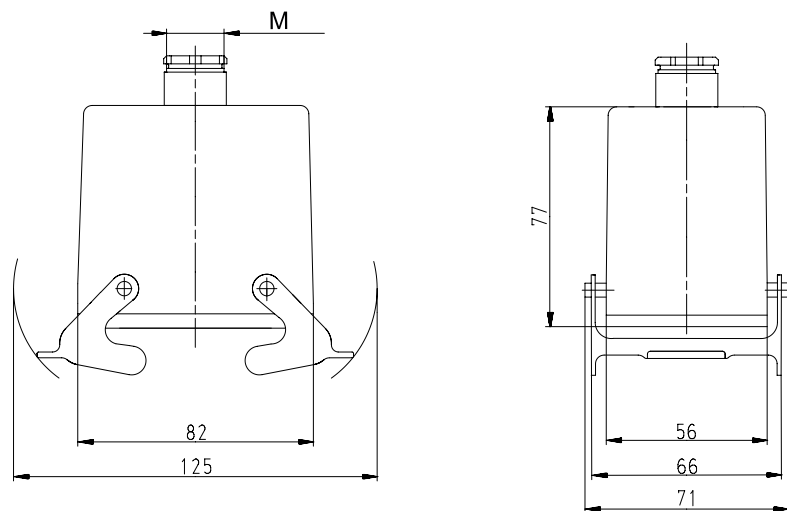
### Lateral cable entry



### Top cable entry



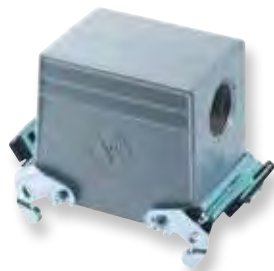
### Multipole connectors for cable-to-cable couplings



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

## Hoods Size 32/50

### Lateral cable entry



### Top cable entry

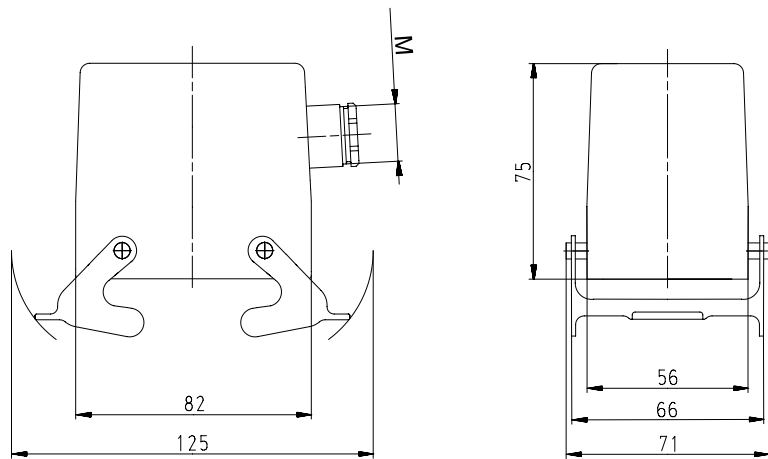


Description	Type	M	Part No.	P.U.
<b>Hoods, size 32/50</b>				
<b>Aluminum housing</b>				
<b>Lateral cable entry M25</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 7.5 – 19 mm	HD GOT GD 32 M25 69 A0	25	73.355.3235.0	1
with threaded collar	HD GOT GD 32 M25 69 A1	25	73.355.3235.1	1
<b>Lateral cable entry M32</b>				
with cable gland, IP54, $\rightarrow \text{Ø} $ 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
<b>Top cable entry M25</b>				
with threaded collar	HD GOT GF 32 M25 69 A1	25	73.357.3235.1	1
<b>Top cable entry M32</b>				
with threaded collar	HD GOT GF 32 M32 69 A1	32	73.359.3235.1	1
<b>Technical data</b>				
Material metal/plastic	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	zinc-plated steel			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

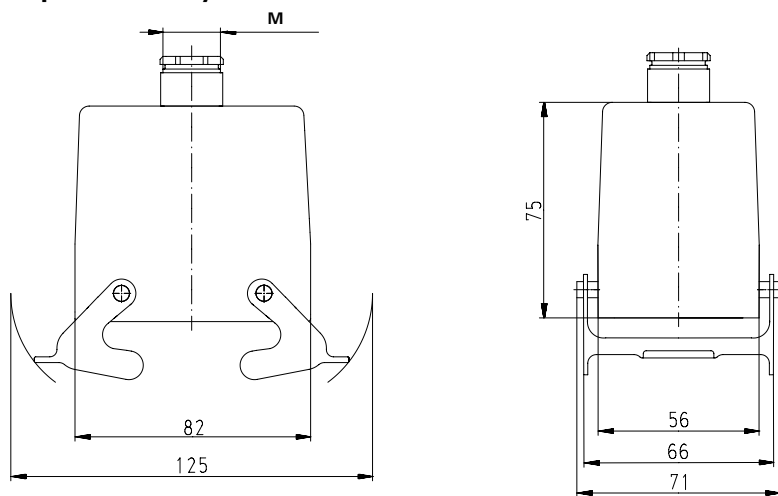
# Dimensions

## 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

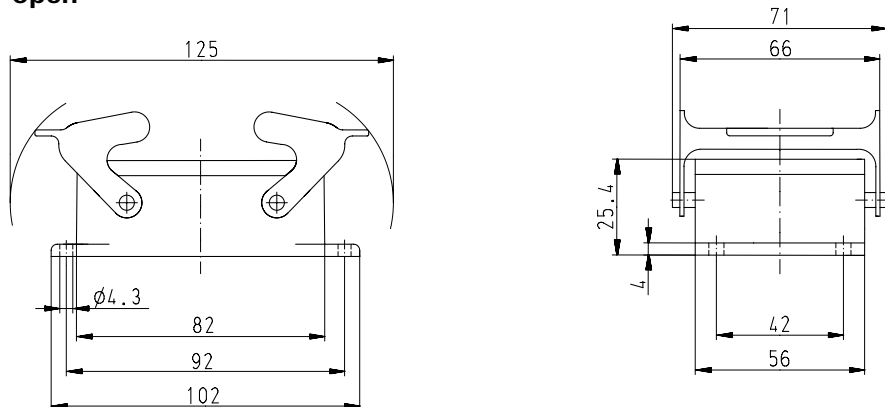


Description	Type	M	Part No.	P.U.
<b>Bases, size 32/50</b>				
<b>Open-bottom base</b>				
without cover	HD GUT GA 32 69 A		73.320.3228.0	1
with metal cover	HD GUT GE 32 69 A		73.325.3228.0	1
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 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
<b>with metal cover</b>				
with threaded collar	HD GUT GF 32 M25 69 A1	25	73.340.3235.1	1
<b>2 cable glands, 2 x M32</b>				
<b>without cover</b>				
with threaded collar	HD GUT GB 32 M32 69 A1	32	73.334.3235.1	1
<b>with metal cover</b>				
with threaded collar	HD GUT GF 32 M32 69 A1	32	73.344.3235.1	1
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 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
<b>with metal cover</b>				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 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
<b>1 cable gland, left, 1 x M32</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 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
<b>with metal cover</b>				
with threaded collar	HD GUT GH 32 M32 69 A1	32	73.346.3235.1	1
<b>Technical data</b>				
Material	Die cast aluminum alloy			
Surface	powder coated			
Locking levers	zinc-plated steel			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-40 ... +120 °C			
Description	Type	M	Part No.	P.U.
<b>Accessories</b>				
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
<b>Contact inserts</b>				
See the product matrix			Page 24–25	

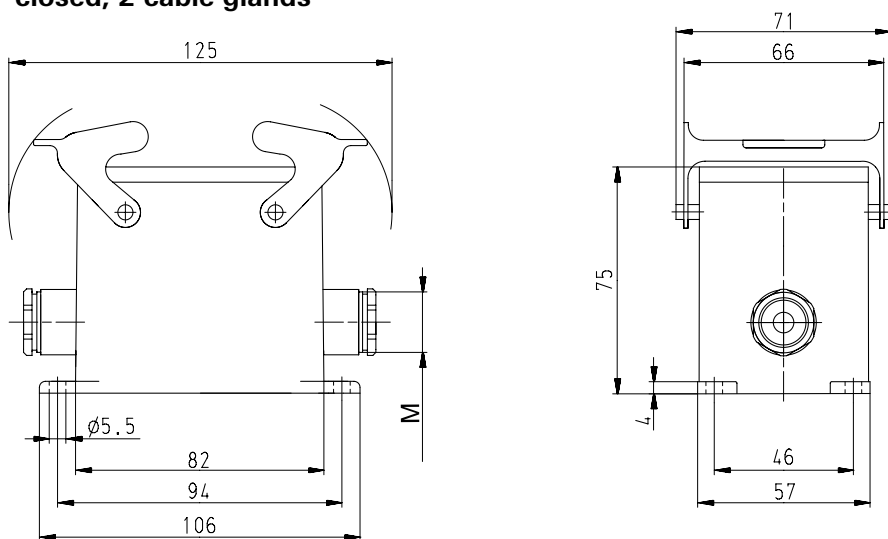
# Dimensions

## Bases, with and without Locking levers

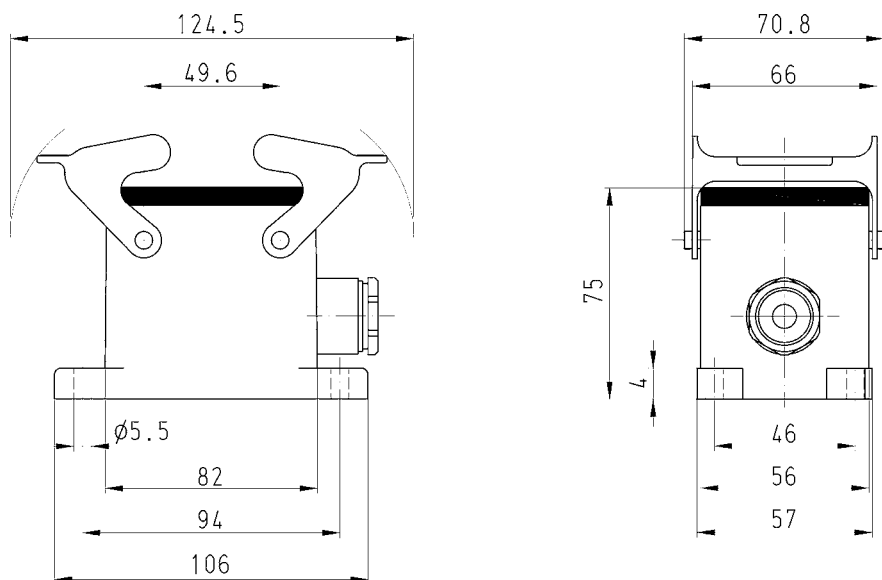
### open



### 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.
<b>Hoods, size 6Ex</b>	<b>Housing, die cast zinc alloy</b>			
<b>Lateral cable entry M20</b>				
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
<b>Lateral cable entry M25</b>				
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
<b>Top cable entry M20</b>				
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
<b>Top cable entry M25</b>				
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
<b>Multipole connectors for cable-to-cable couplings with Locking levers and gasket</b>				
<b>Lateral cable entry M20</b>				
with strain relief, IP54 → Ø ← 9 – 13.5 mm	EX GOT GT 6 M20 09IA Z4	20	99.731.3329.7	10
<b>Lateral cable entry M25</b>				
with strain relief, IP54 → Ø ← 14 – 20 mm	EX GOT GT 6 M25 09IA Z4	25	99.732.3329.7	1
<b>Top cable entry M20</b>				
with strain relief, IP54 → Ø ← 9 – 13.5 mm	EX GOT GR 6 M20 09IA Z3	20	99.741.3329.7	10
<b>Top cable entry M25</b>				
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.

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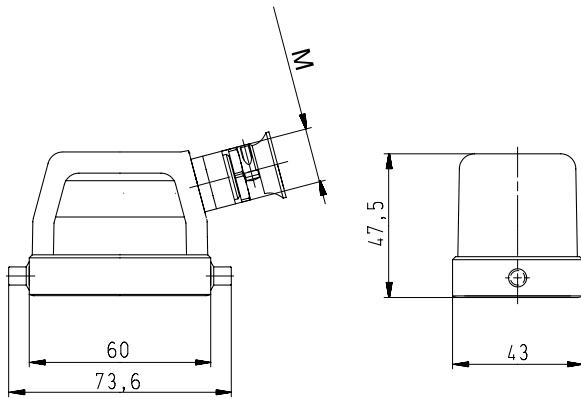
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 298 and 303.

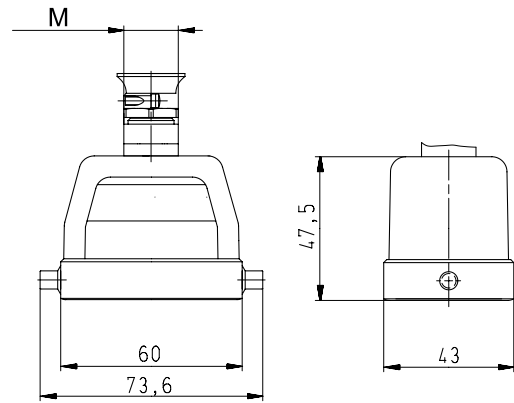
# Dimensions

## Hoods

### Lateral cable entry

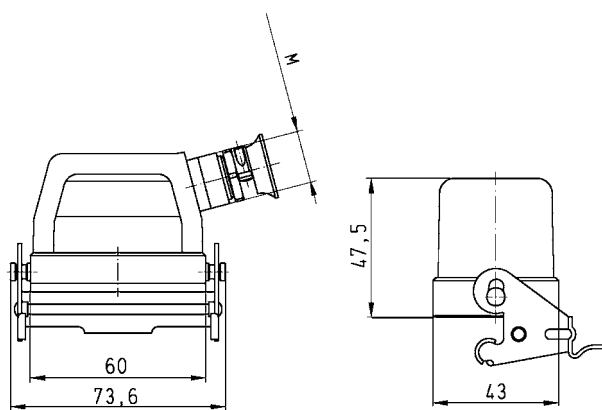


### Top cable entry



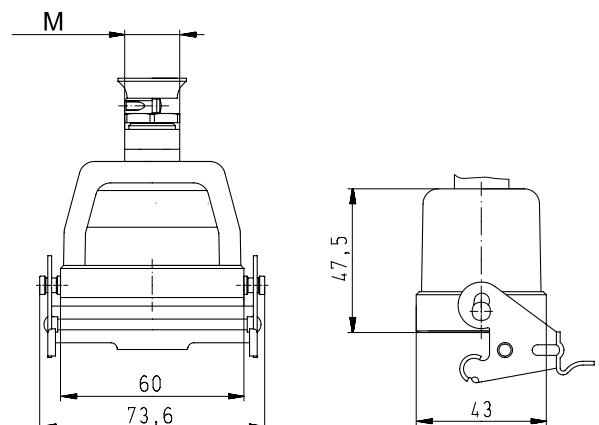
### Multipole connectors for cable-to-cable couplings with Locking levers and gasket

#### 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.
<b>Bases, size 6Ex</b>				
<b>Open-bottom base</b>				
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
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GL 6 M20 09IA Z0	20	70.330.0636.0	1
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GR 6 M20 09IA Z0	20	70.340.0636.0	1
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GL 6 M25 09IA Z0	25	70.334.0636.0	1
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GR 6 M25 09IA Z0	25	70.344.0636.0	1
<b>1 cable gland, left, 1 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GM 6 M20 09IA Z0	20	70.331.0636.0	1
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GS 6 M20 09IA Z0	20	70.341.0636.0	1
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GM 6 M25 09IA Z0	25	70.335.0636.0	1
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GS 6 M25 09IA Z0	25	70.345.0636.0	1
<b>1 cable gland, right, 1 x M20</b>				
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GT 6 M20 09IA Z0	20	70.342.0636.0	1
<b>1 cable gland, right, 1 x M25</b>				
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GT 6 M25 09IA Z0	25	70.346.0636.0	1
<b>1 cable gland, bottom, 1 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GO 6 M20 09IA Z0	20	70.333.0636.0	1
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GU 6 M20 09IA Z0	20	70.343.0636.0	1
<b>1 cable gland, bottom, 1 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GO 6 M25 09IA Z0	25	70.337.0636.0	1
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GU 6 M25 09IA Z0	25	70.347.0636.0	1
<b>Technical data</b>				
Material metal/plastic	Die cast zinc alloy/Cover Polyamide			
Surface	powder coated, light blue			
Locking levers	zinc-plated steel			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-20 ... +60 °C			
<b>Contact inserts</b>				
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.

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

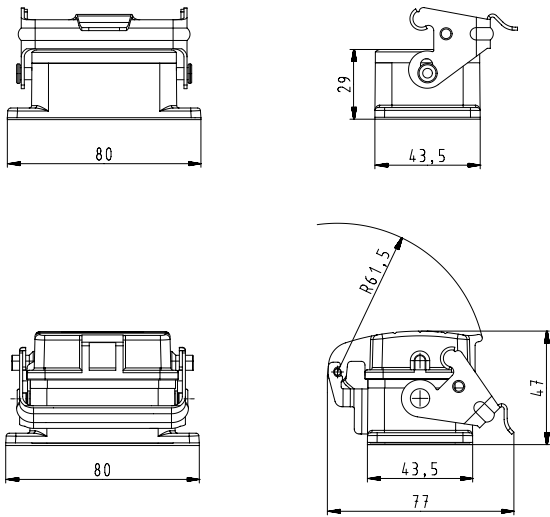
For assembly instructions, see page 298 and 303.



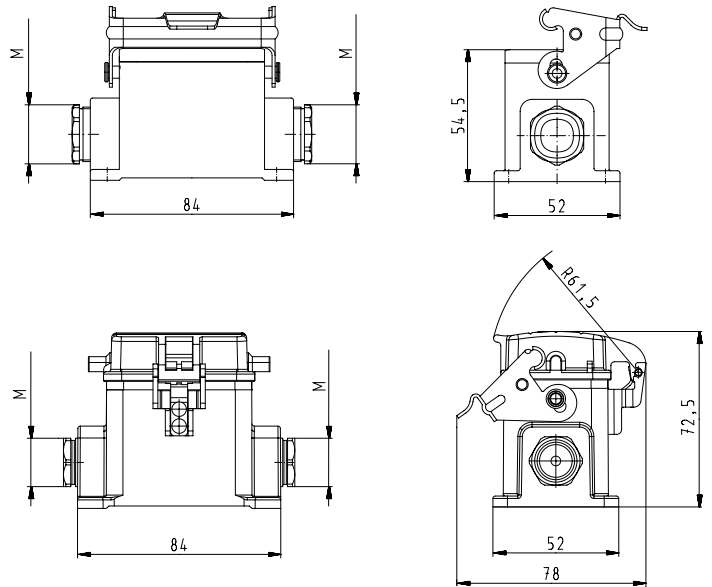
# Dimensions

## Bases

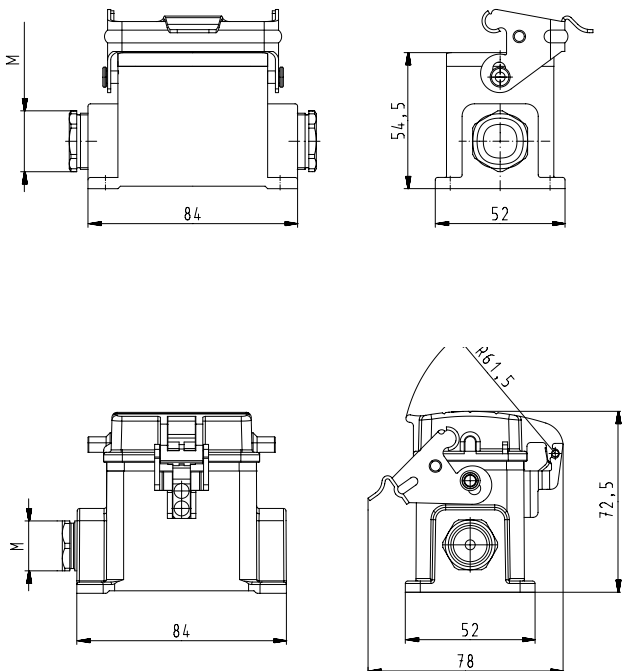
### open



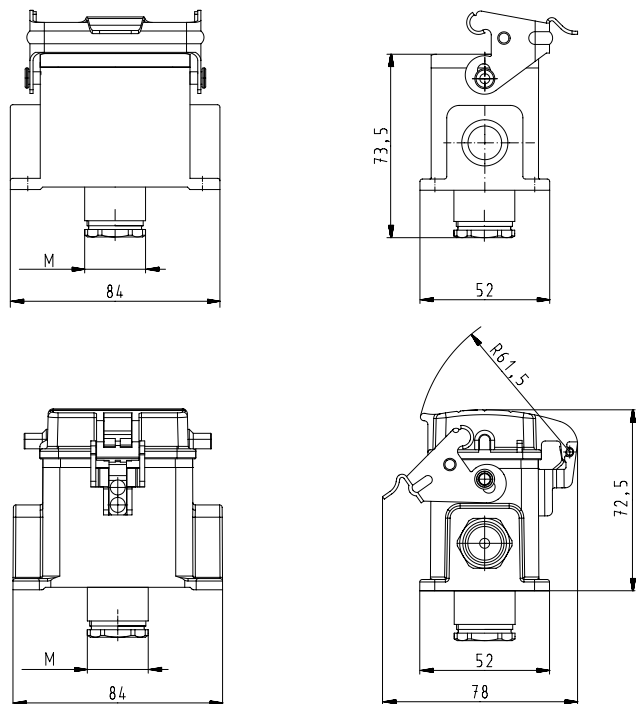
### closed, 2 cable glands, lateral cable entry



### 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.
<b>Hoods, size 10Ex</b>	<b>Housing, die cast zinc alloy</b>			
<b>Lateral cable entry M20</b>				
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
<b>Lateral cable entry M25</b>				
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
<b>Top cable entry M20</b>				
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
<b>Top cable entry M25</b>				
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
<b>90 V Hoods, size 10Ex</b>				
<b>with Locking levers without gasket</b>				
<b>Lateral cable entry M20</b>				
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
<b>Lateral cable entry M25</b>				
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
<b>Top cable entry M20</b>				
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
<b>Top cable entry M25</b>				
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
<b>Multipole connectors for cable-to-cable couplings with Locking levers and gasket</b>				
<b>Lateral cable entry M20</b>				
with strain relief, IP54 → Ø ← 9 – 13.5 mm	EX GOT GS 10 M20 09IA Z4	20	99.733.3329.7	8
<b>Lateral cable entry M25</b>				
with strain relief, IP54 → Ø ← 14 – 20 mm	EX GOT GS 10 M25 09IA Z4	25	99.734.3329.7	1
<b>Top cable entry M20</b>				
with strain relief, IP54 → Ø ← 9 – 13.5 mm	EX GOT GP 10 M20 09IA Z4	20	99.743.3329.7	8
<b>Top cable entry M25</b>				
with strain relief, IP54 → Ø ← 14 – 20 mm	EX GOT GP 10 M25 09IA Z4	25	99.744.3329.7	8
<b>Technical data</b>				
Material	Die cast zinc alloy			
Surface	powder coated, light blue			
Locking levers	zinc-plated steel			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-20 ... +60 °C			
<b>Contact inserts</b>				
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.

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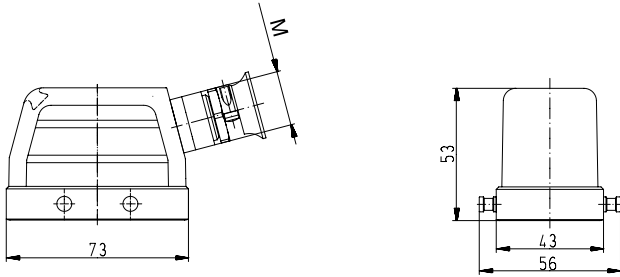
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 282 and 287.

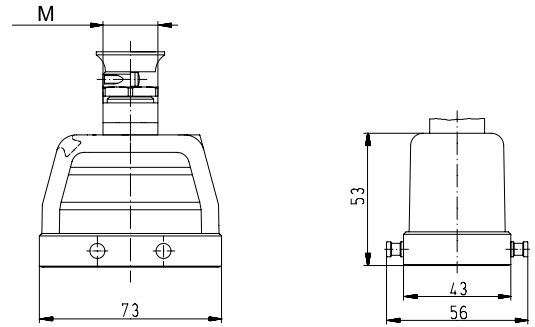
# Dimensions

## Hoods

### Lateral cable entry

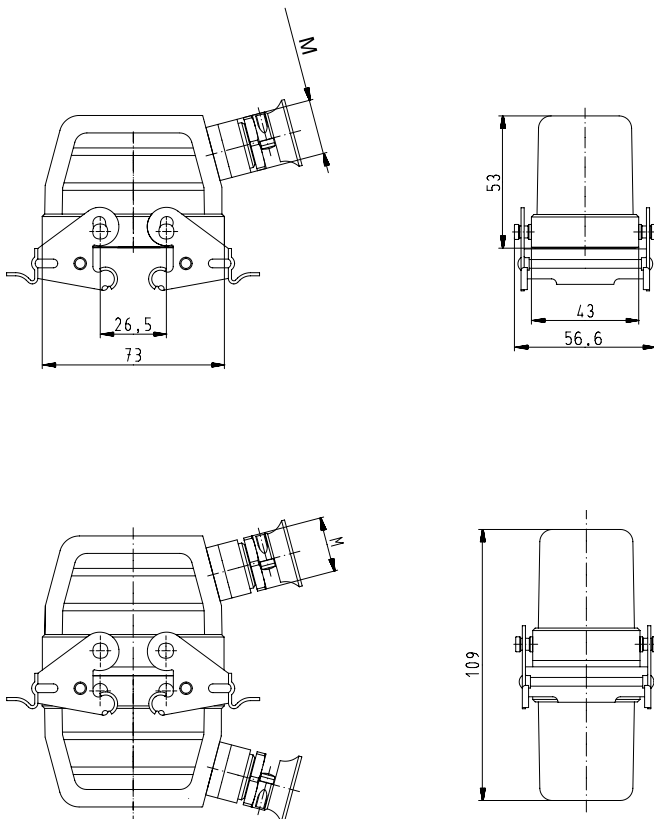


### Top cable entry



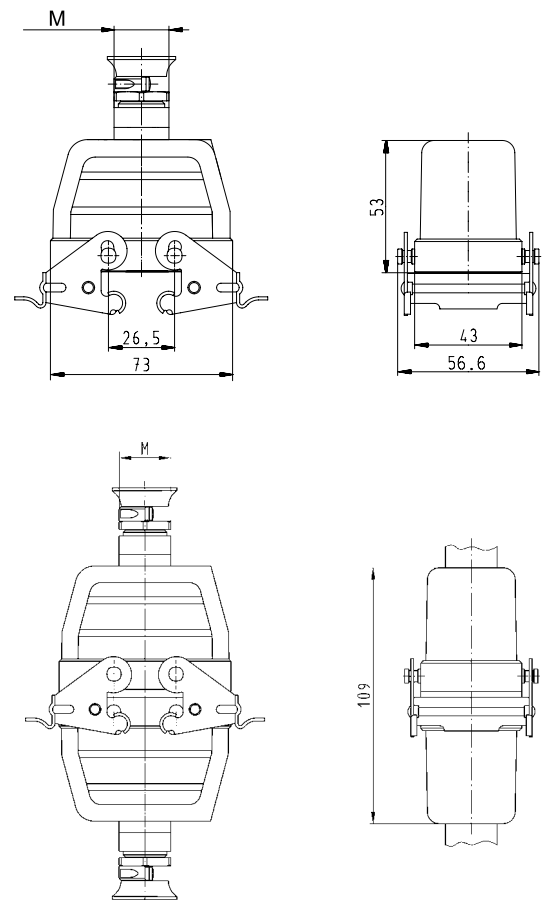
## Multipole connectors for cable-to-cable couplings with Locking levers and gasket

### 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.
<b>Bases, size 10Ex</b>				
<b>Open-bottom base</b>				
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
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GB 10 M20 09IA Z0	20	70.330.1036.0	1
<b>with cover, without Locking levers</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GF 10 M20 09IA Z0	20	70.340.1036.0	1
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GB 10 M25 09IA Z0	25	70.334.1036.0	1
<b>with cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GF 10 M25 09IA Z0	25	70.344.1036.0	1
<b>1 cable gland, left, 1 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GC 10 M20 09IA Z0	20	70.331.1036.0	1
<b>with cover, without Locking levers</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GG 10 M20 09IA Z0	20	70.341.1036.0	1
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GC 10 M25 09IA Z0	25	70.335.1036.0	1
<b>with cover, without Locking levers</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GG 10 M25 09IA Z0	25	70.345.1036.0	1
<b>1 cable gland, bottom, 1 x M20</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GD 10 M20 09IA Z0	20	70.333.1036.0	1
<b>with cover, without Locking levers</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 3 – 14.5 mm	EX GUT GI 10 M20 09IA Z0	20	70.343.1036.0	1
<b>1 cable gland, bottom, 1 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GD 10 M25 09IA Z0	25	70.337.1036.0	1
<b>with cover, without Locking levers</b>				
with cable gland, IP54, $\rightarrow \varnothing $ 7.5 – 19 mm	EX GUT GI 10 M25 09IA Z0	25	70.347.1036.0	1
<b>Technical data</b>				
Material metal/plastic	Die cast zinc alloy/Cover Polyamide			
Surface	powder coated, light blue			
Locking levers	zinc-plated steel			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-20 ... +60 °C			
<b>Contact inserts</b>				
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.

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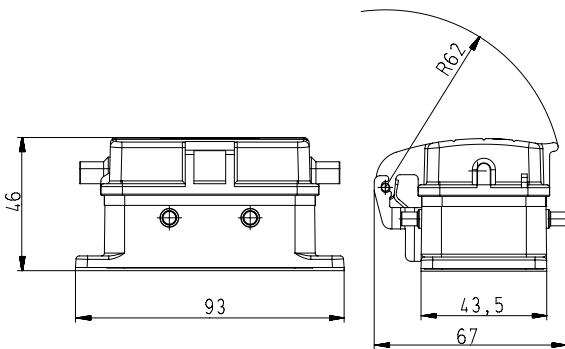
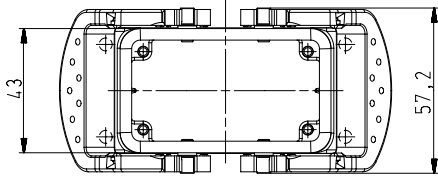
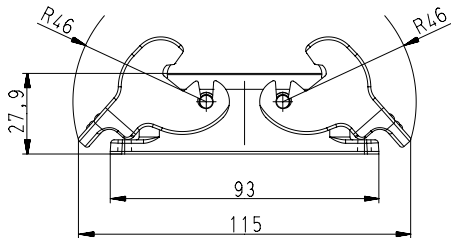
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 282 and 287.

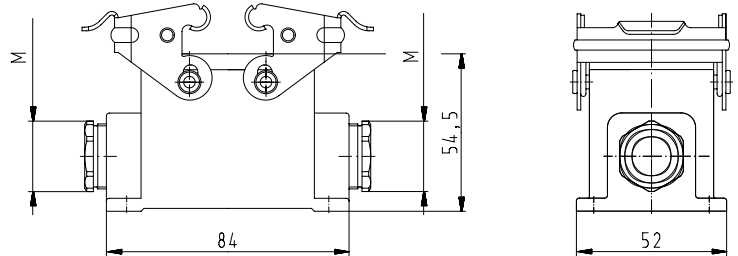
# Dimensions

## Bases

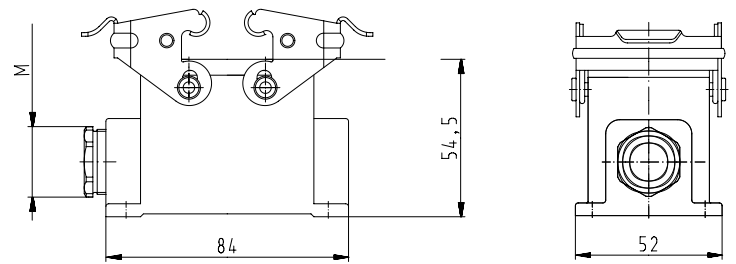
### open



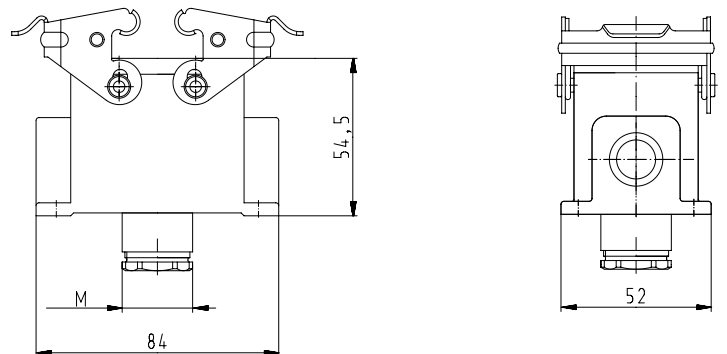
### closed, 2 cable glands



### 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.
<b>Hoods, size 16Ex</b>	<b>Housing, die cast zinc alloy</b>			
<b>Lateral cable entry M25</b>				
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
<b>Lateral cable entry M32</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>90 V Hoods, size 16Ex</b>				
<b>with Locking levers without gasket</b>				
<b>Lateral cable entry M25</b>				
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
<b>Lateral cable entry M32</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>Multipole connectors for cable-to-cable couplings with Locking levers and gasket</b>				
<b>Lateral cable entry M25</b>				
with strain relief, IP54 → Ø ← 14 – 20 mm	EX GOT GS 16 M25 09IA Z4	25	99.735.3329.7	1
<b>Lateral cable entry M32</b>				
with strain relief, IP54 → Ø ← 21 – 28.5 mm	EX GOT GS 16 M32 09IA Z4	32	99.736.3329.7	1
<b>Top cable entry M25</b>				
with strain relief, IP54 → Ø ← 14 – 20 mm	EX GOT GR 16 M25 09IA Z4	25	99.745.3329.7	1
<b>Top cable entry M32</b>				
with strain relief, IP54 → Ø ← 21 – 28.5 mm	EX GOT GR 16 M32 09IA Z4	32	99.746.3329.7	1
<b>Technical data</b>				
Material	Die cast zinc alloy			
Surface	powder coated, light blue			
Locking levers	zinc-plated steel			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-20 ... +60 °C			
<b>Contact inserts</b>				
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.

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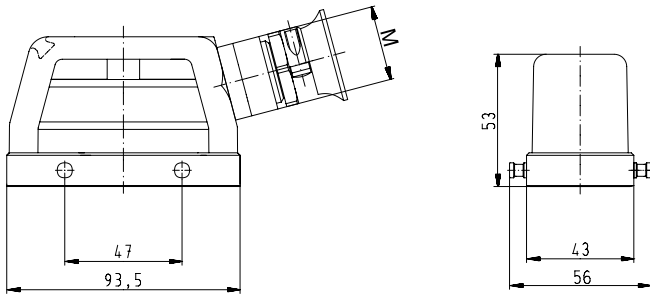
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 282 and 287.

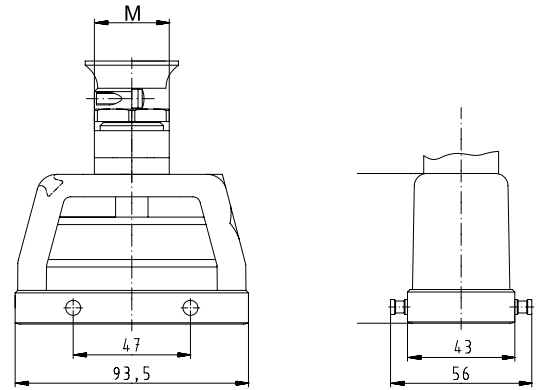
# Dimensions

## Hoods

### Lateral cable entry



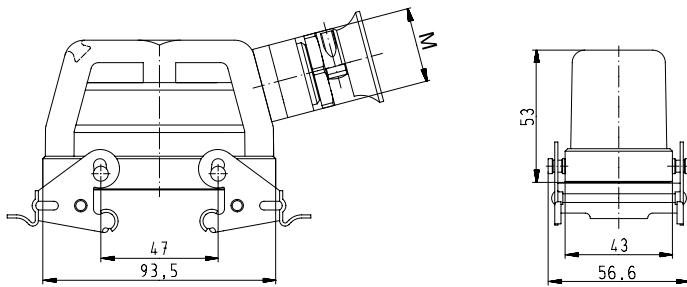
### Top cable entry



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

with Locking levers and gasket

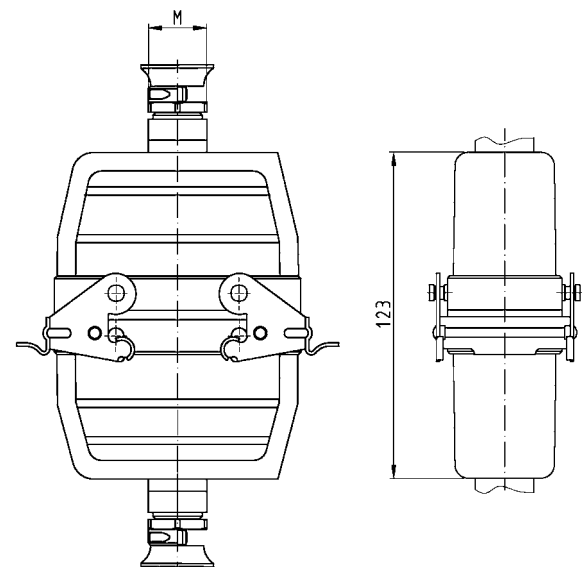
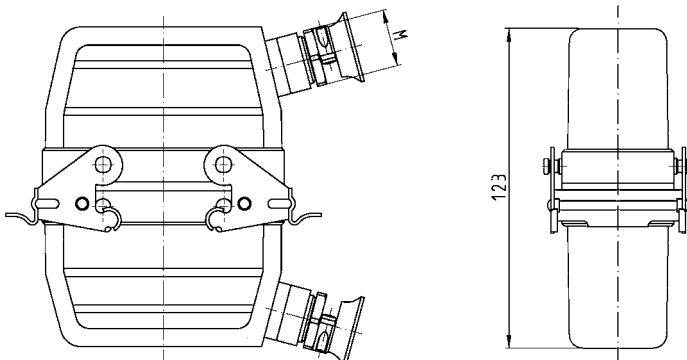
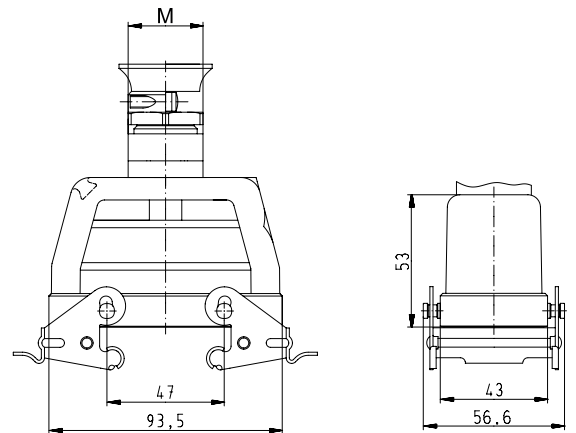
### Lateral cable entry



## 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.
<b>Bases, size 16Ex</b>	<b>Housing, die cast zinc alloy</b>			
<b>Open-bottom base</b>				
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
<b>Technical data</b>				
Material metal/plastic	Die cast zinc alloy/Cover Polyamide			
Surface	powder coated, light blue			
Locking levers	zinc-plated steel			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-20 ... +60 °C			
<b>Contact inserts</b>				
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.

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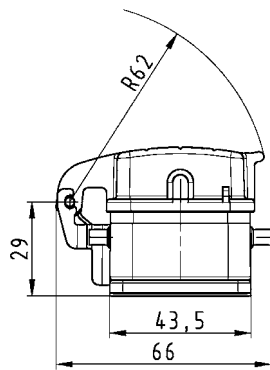
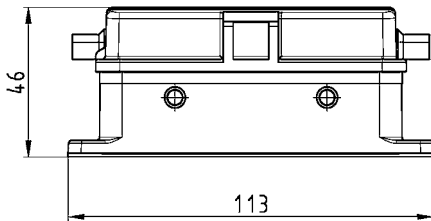
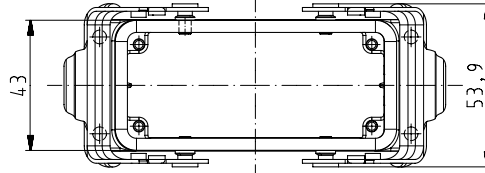
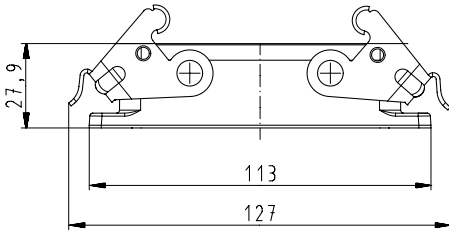
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 282 and 287.



# 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.
<b>Hoods, size 24Ex</b>	<b>Housing, die cast zinc alloy</b>			
<b>Lateral cable entry M25</b>				
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
<b>Lateral cable entry M32</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>90 V Hoods, size 24Ex</b>				
<b>with Locking levers without gasket</b>				
<b>Lateral cable entry M25</b>				
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
<b>Lateral cable entry M32</b>				
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
<b>Top cable entry M25</b>				
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
<b>Top cable entry M32</b>				
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
<b>Multipole connectors for cable-to-cable couplings with Locking levers and gasket</b>				
<b>Lateral cable entry M25</b>				
with strain relief, IP54 → Ø ← 14 – 20 mm	EX GOT GS 24 M25 09IA Z4	25	99.737.3329.7	5
<b>Lateral cable entry M32</b>				
with strain relief, IP54 → Ø ← 21 – 28.5 mm	EX GOT GS 24 M32 09IA Z4	32	99.738.3329.7	5
<b>Top cable entry M25</b>				
with strain relief, IP54 → Ø ← 14 – 20 mm	EX GOT GR 24 M25 09IA Z4	25	99.747.3329.7	4
<b>Top cable entry M32</b>				
with strain relief, IP54 → Ø ← 21 – 28.5 mm	EX GOT GR 24 M32 09IA Z4	32	99.748.3329.7	4
<b>Technical data</b>				
Material	Die cast zinc alloy			
Surface	powder coated, light blue			
Locking levers	zinc-plated steel			
Gasket	-			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-20 ... +60 °C			
<b>Contact inserts</b>				
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.

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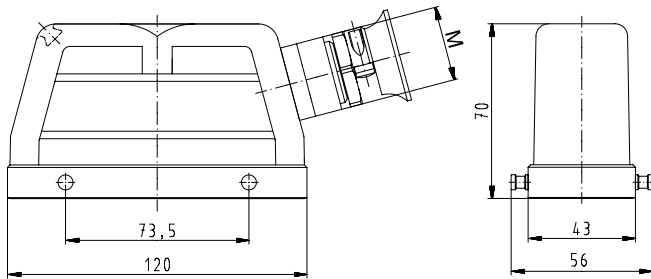
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 282 and 287.

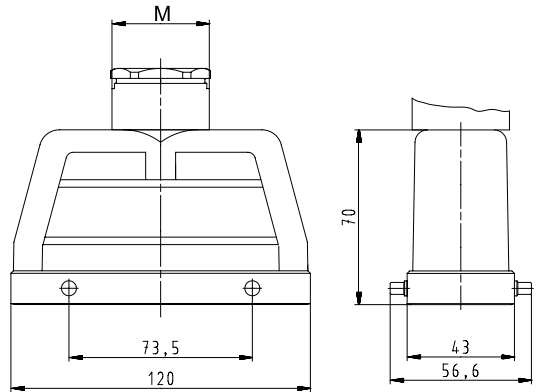
# Dimensions

## Hoods

### Lateral cable entry

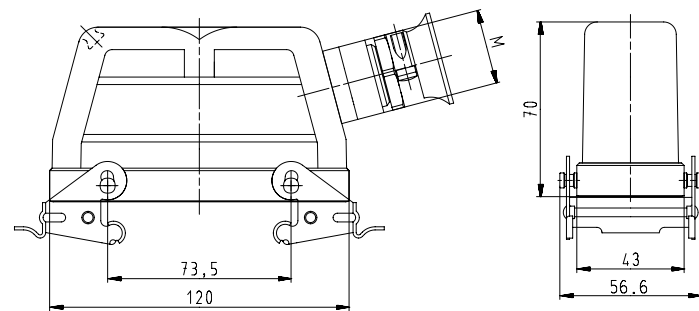


### Top cable entry



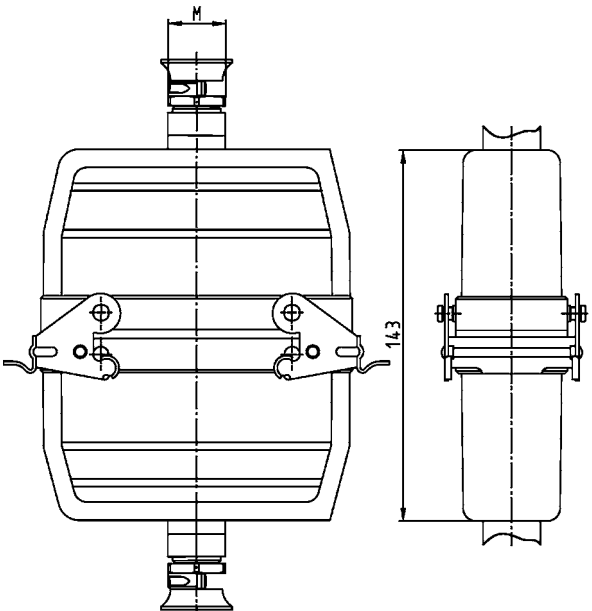
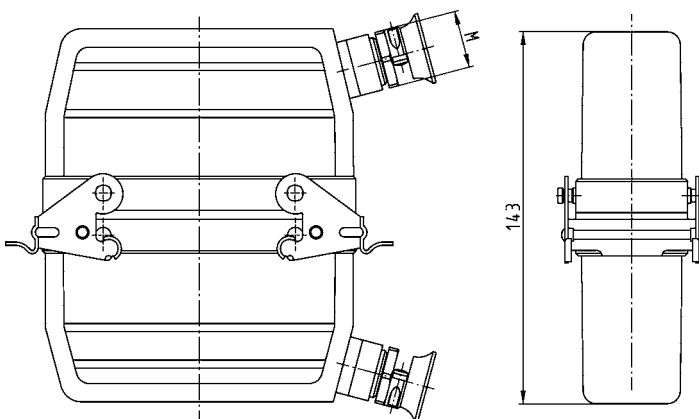
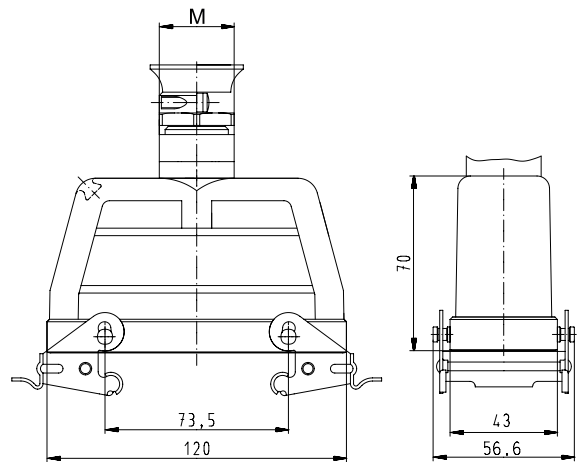
### Multipole connectors for cable-to-cable couplings with Locking levers and gasket

#### 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.
<b>Bases, size 24Ex</b>	<b>Housing, die cast zinc alloy</b>			
<b>Open-bottom base</b>				
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
<b>Closed-bottom base</b>				
<b>2 cable glands, 2 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 7.5 – 19 mm	EX GUT GB 24 M25 09IA Z0	25	70.330.2436.0	1
<b>with cover, without Locking levers</b>				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 7.5 – 19 mm	EX GUT GF 24 M25 09IA Z0	25	70.340.2436.0	1
<b>1 cable gland, left, 1 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 7.5 – 19 mm	EX GUT GC 24 M25 09IA Z0	25	70.331.2436.0	1
<b>with cover, without Locking levers</b>				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 7.5 – 19 mm	EX GUT GG 24 M25 09IA Z0	25	70.341.2436.0	1
<b>1 cable gland, bottom, 1 x M25</b>				
<b>without cover</b>				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 7.5 – 19 mm	EX GUT GD 24 M25 09IA Z0	25	70.333.2436.0	1
<b>with cover, without Locking levers</b>				
with cable gland, IP54, $\rightarrow \varnothing \leftarrow$ 7.5 – 19 mm	EX GUT GI 24 M25 09IA Z0	25	70.343.2436.0	1
<b>Technical data</b>				
Material	Die cast zinc alloy			
Surface	powder coated, light blue			
Locking levers	zinc-plated steel			
Gasket	NBR			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-20 ... +60 °C			
<b>Contact inserts</b>				
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

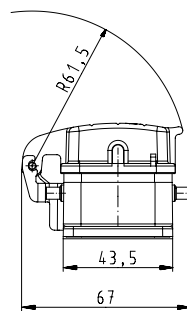
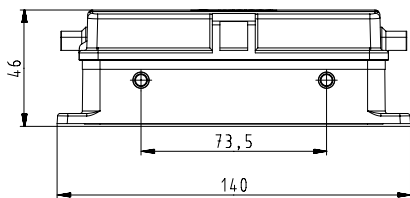
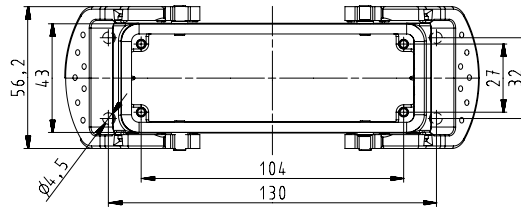
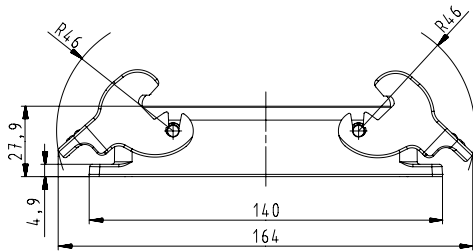
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 282 and 287.

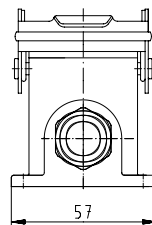
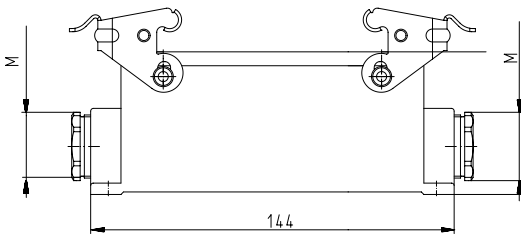
# Dimensions

## Bases

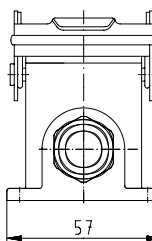
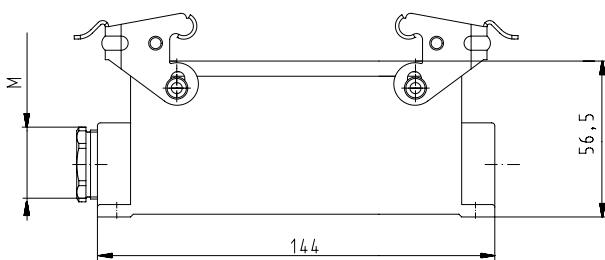
### open



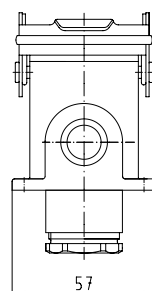
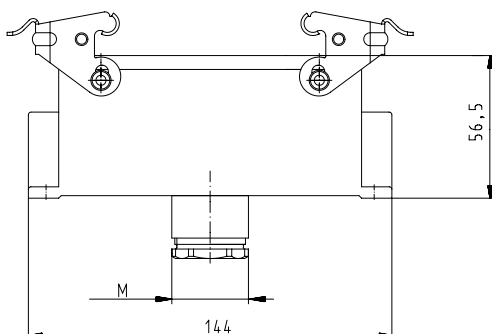
### closed, 2 cable glands



### 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.
<b>Hoods, size 48Ex</b>	<b>Housing, die cast zinc alloy</b>			
<b>Lateral cable entry M32</b>				
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
<b>Lateral cable entry M40</b>				
with threaded collar	EX GOT GG 48 M40 09IA Z1	40	70.353.4836.1	1
<b>Top cable entry M32</b>				
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
<b>Top cable entry M40</b>				
with threaded collar	EX GOT GI 48 M40 09IA Z1	40	70.354.4836.1	1
<b>Technical data</b>				
Material	Die cast zinc alloy			
Surface	powder coated, light blue			
Locking levers	–			
Gasket	–			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-20 ... +60 °C			
<b>Contact inserts</b>				
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

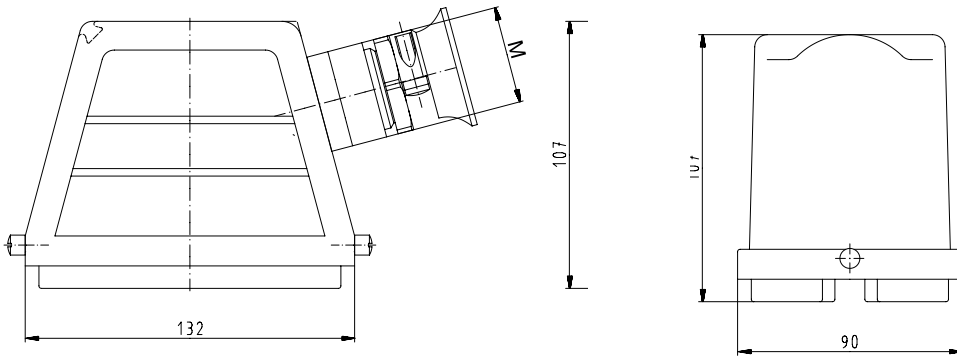
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

For assembly instructions, see page 282 and 287.

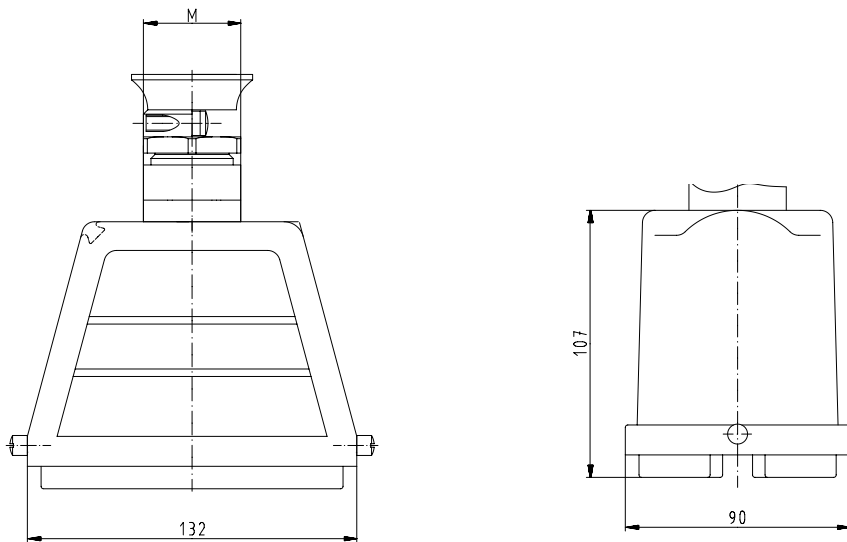
# Dimensions

## 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.
<b>Bases, size 48Ex</b>				
<b>Open-bottom base</b>				
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
<b>Closed-bottom base</b>				
<b>1 cable gland, left, 1 x M32</b>				
<b>without cover</b>				
with strain relief, IP54 → Ø ← 21 – 28.5 mm	BAS GUT GM 48 M32 09IA Z3	32	70.331.4836.3	1
<b>with metal cover</b>				
with strain relief, IP54 → Ø ← 21 – 28.5 mm	BAS GUT GS 48 M32 09IA Z3	32	70.341.4836.3	1
<b>1 cable gland, left, 1 x M40</b>				
<b>with metal cover</b>				
with cable gland, IP54, → Ø ← 27 – 37 mm	BAS GUT GR 48 M40 09IA Z3	40	70.344.4836.4	1
<b>Technical data</b>				
Material	Die cast zinc alloy			
Surface	powder coated, light blue			
Locking levers	–			
Gasket	–			
<b>Degree of protection</b>				
with latched locking levers	IP54			
with appropriate cable glands	IP65			
Temperature range	-20 ... +60 °C			
<b>Contact inserts</b>				
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

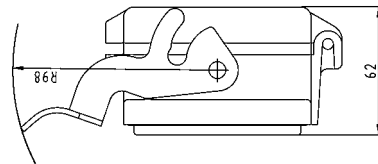
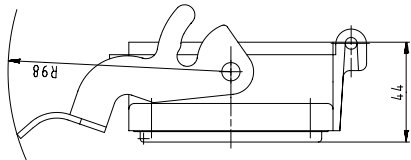
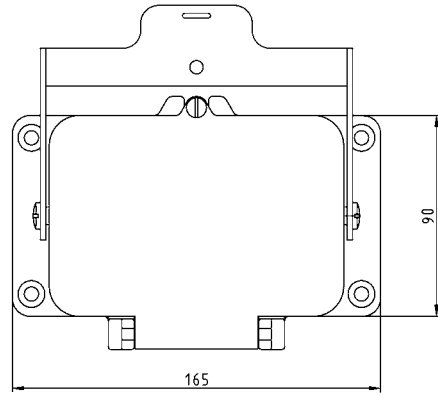
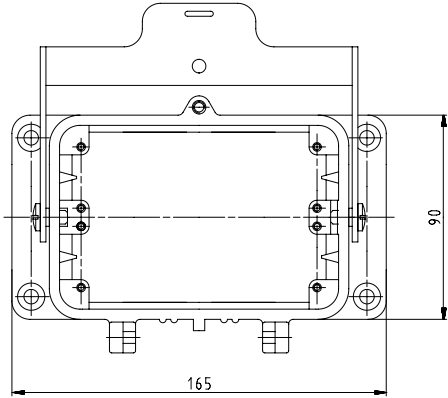
For assembly instructions, see page 282 and 287.



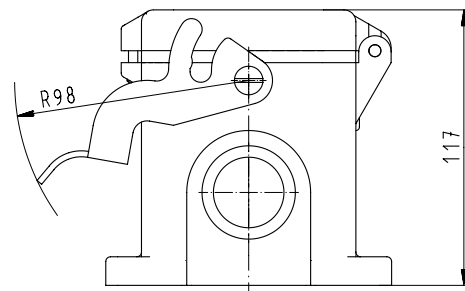
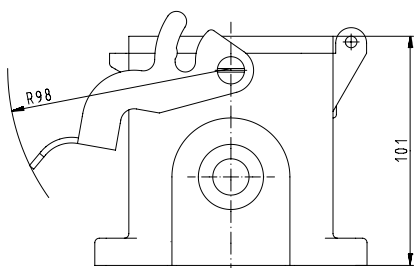
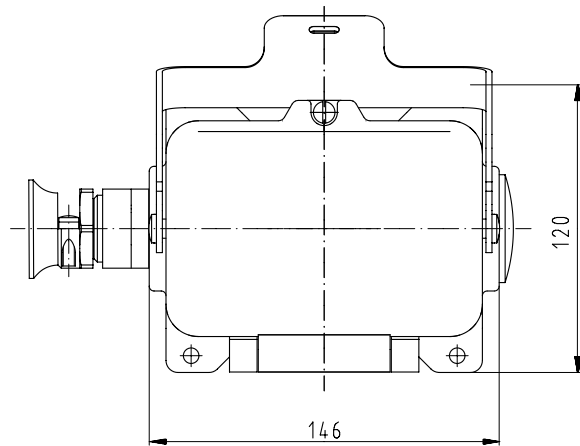
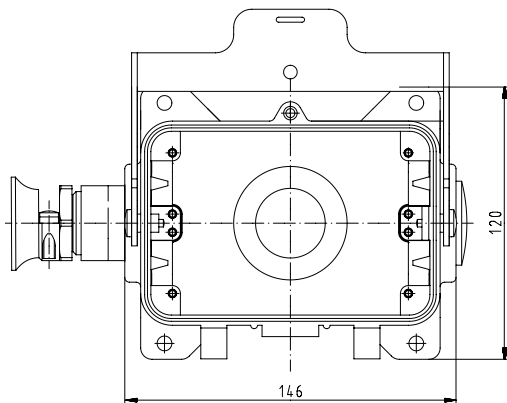
# Dimensions

## 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	●	●	
<b>For technical information see the individual components</b>					<b>70.300.xx40.0</b>	<b>70.310.xx.40.0</b>	

● 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





## ***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**

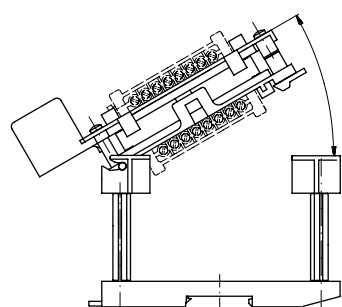
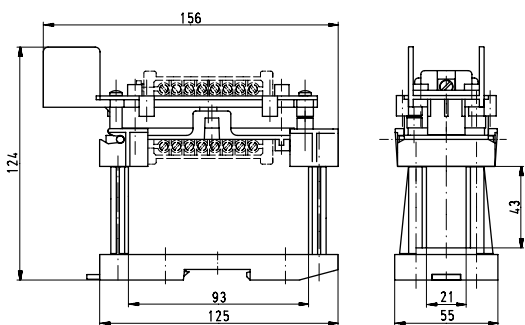


Description	Type	Part No.	P.U.
<b>Mounting frame</b>			
Size 6		Z5.574.0653.0	1
Size 10		Z5.574.1053.0	1
Size 16		Z5.574.1653.0	1
Size 24		Z5.574.2453.0	1
Size 2 x 6		Z5.574.1253.0	1
<b>Technical data</b>			
Installation	on TS 35x15 mounting rail		
Description	Type	Part No.	P.U.
<b>Accessories</b>		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

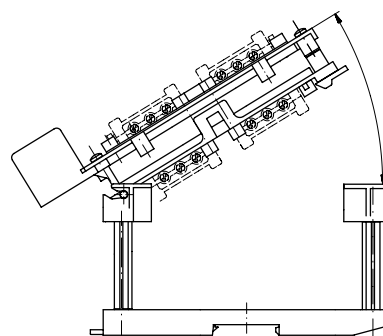
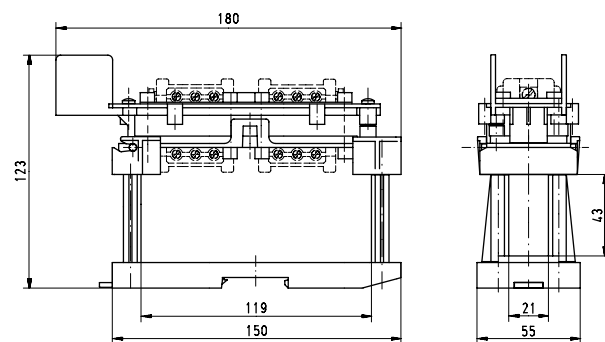
Dimensions

Mounting frame

Size 6



Size 2 x 6



## revos cover plates

### Cover plates



Description	Type	Part No.	P.U.
<b>Cover plates</b>			
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
<b>Technical data</b>			
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.
<b>Reducer plate</b>			
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:

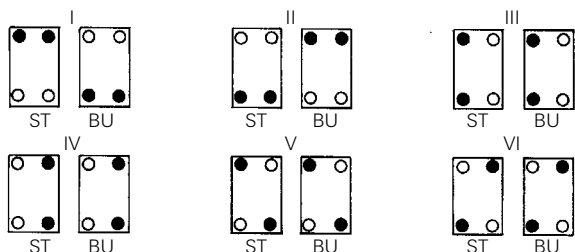
- Combination of screw, crimp, spring-type inserts and clamp adapters in connection with terminal block adapters (mountable from the back of the housing) with part numbers:  
70.9XX.XXXX.X  
72.9XX.XXXX.X  
73.1XX.XXXX.X

## 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).

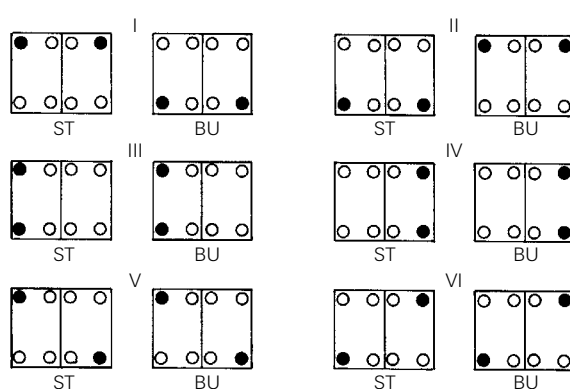
### One contact insert



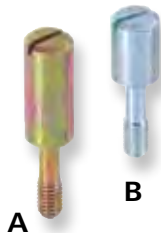
- Coding bolt
- Mounting screws

ST Male connector  
BU Female connector

### Two contact inserts



### Coding bolt



Description	Part No.	P.U.
<b>Coding bolt</b>		
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



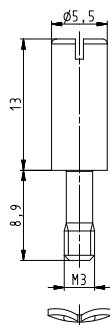
Description	Part No.	P.U.
<b>Screwdriver bit for lock bolt, version A + B</b>		
Yellow marking	06.502.5510.0	1

#### Technical data

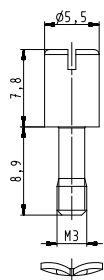
Material	Sleeve from 1.2210 115CrV3 (silver steel)
Sleeve	Hardened

### Dimensions

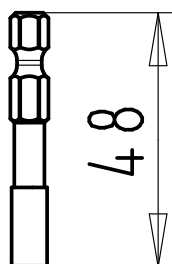
#### Version A



#### Version B



#### Screwdriver bit



# Coding options for *revos* multipole connectors

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

## Part No. for Version A

Suitable for the following contact inserts/  
multipole adapters:

**revos** BASIC, **revos** POWER, **revos** HD,  
**revos** FLEX, **revos** EX

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

## Part No. for Version B

Suitable for the following contact inserts/  
multipole adapters:

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

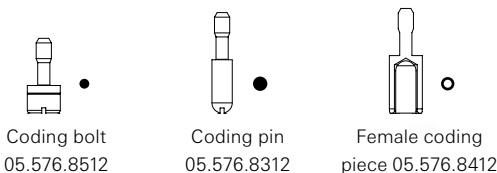
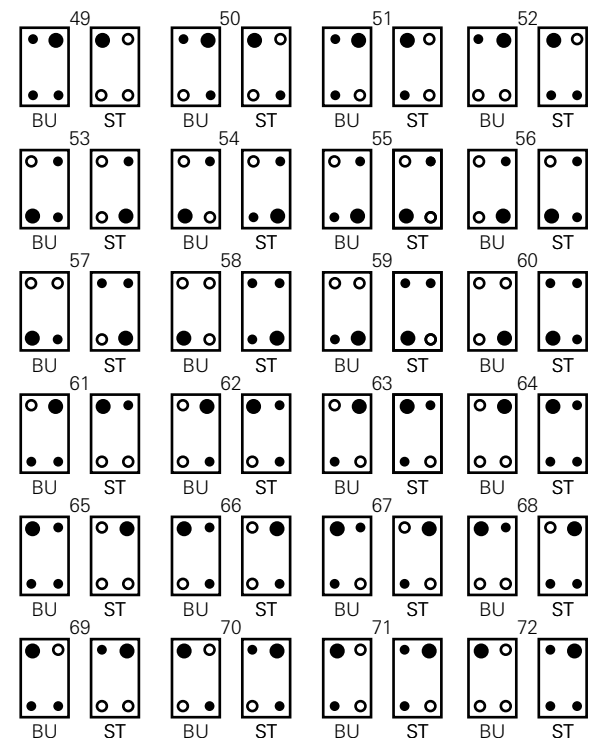
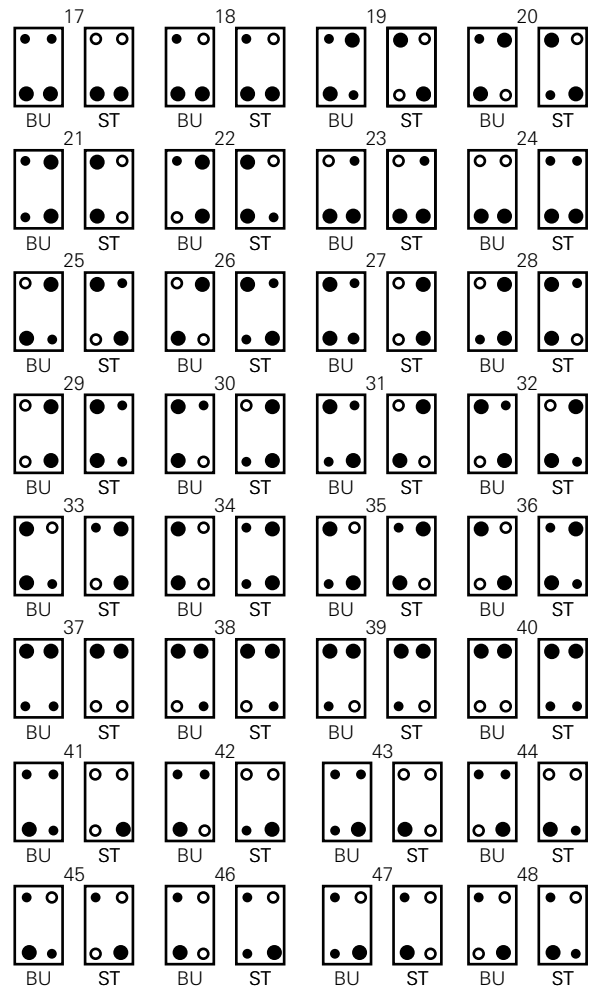
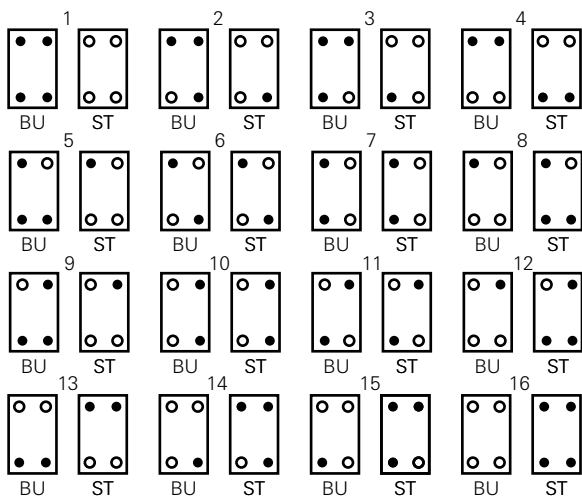
that are mounted to the housing at the **rear**.

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

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

All mounting screws must be replaced by the coding components.

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



## Coding bolt, Coding pin and Female coding piece



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

### Technical data

Material	zinc-plated steel
Color	shiny metal

## Screwdriver bit



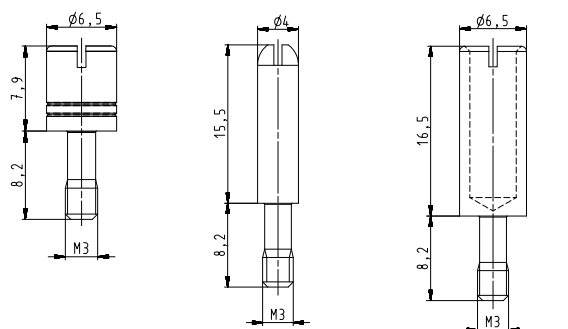
Description	Type	Part No.	P.U.
Screwdriver bit (white marking)	for female coding piece and bolt, version A + B	06.502.5410.0	1
Screwdriver bit (red marking)	for coding pin, version A + B	06.502.5310.0	1
Screwdriver blade	for female coding piece	05.567.5214.0	5

### Technical data

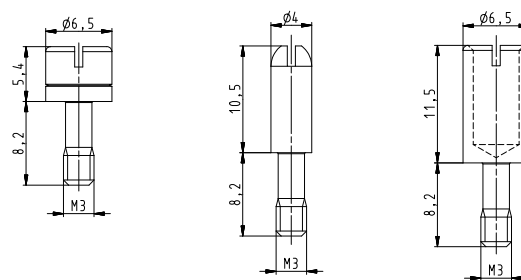
Werkstoff	Sleeve from 1.2210 115CrV3 (silver steel)
Sleeve	Hardened

## Dimensions

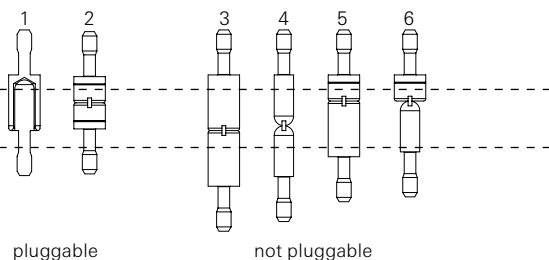
### Version A



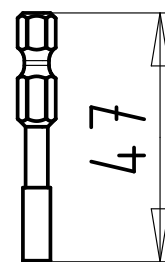
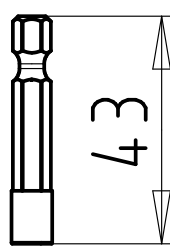
### Version B



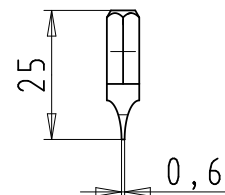
## Coding plan:



## Screwdriver bit



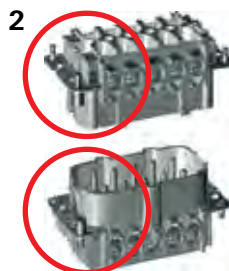
## Screwdriver blade



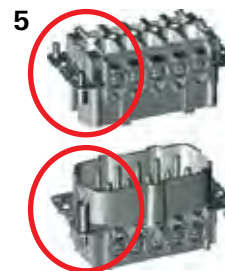
## Example:



Coding between male and female connector matching




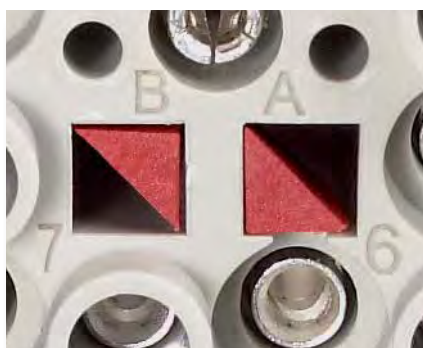
Coding between the coding bolts matching



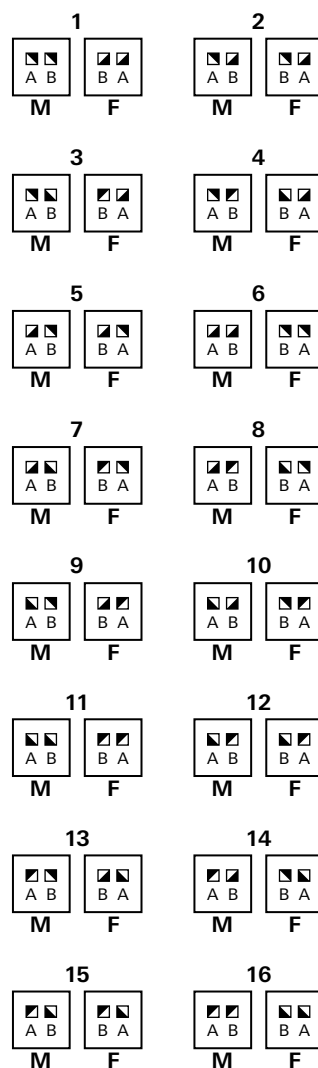
Coding between the female connector and the coding bolt not matching

## 16 coding options for *revos* MINI 12-pole

Coding piece	Description	Type	Part No.	P.U.
	<b>Coding piece</b>	MIN KOD 12	05.568.0353.0	20
	<b>Technical data</b>			
	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

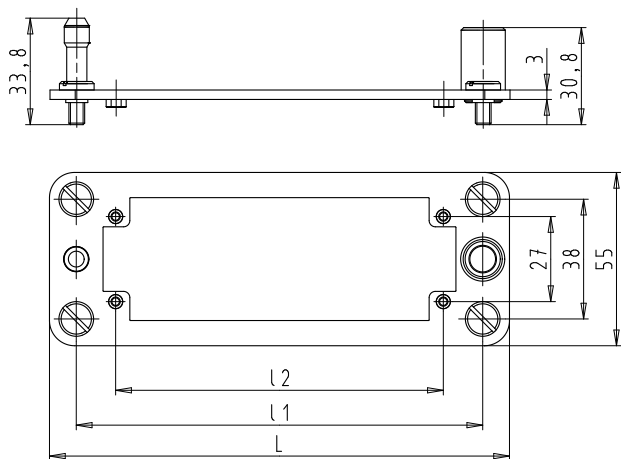
## Docking frame



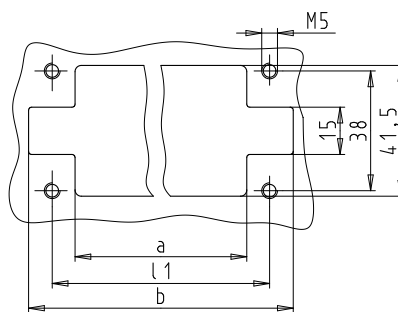
Description	Type	Part No.	P.U.
<b>revos docking frame</b>			
Size 6	ADR 6	Z5.560.1019.0	1
Size 10	ADR 10	Z5.560.1119.0	1
Size 16	ADR 16	Z5.560.1219.0	1
Size 24	ADR 24	Z5.560.1319.0	1
<b>Technical data</b>			
<b>Material</b>			
Docking frame	Stainless steel		
Fastening screws	Steel, galvanized		
<b>Floating tolerance</b>			
x-axis	±1.5 mm		
y-axis	±1.5 mm		
<b>Mechanical life</b>			
Mating cycles	500		
<b>Scope of supply</b>			
	1 docking frame, including 4 fastening screws M3		
<b>System features</b>			
For use in combination with <b>revos</b> 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



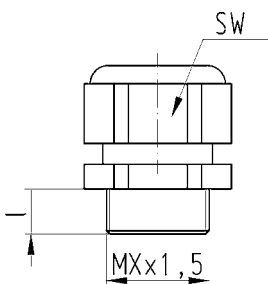
# Metric cable glands

Cable glands IP68, plastic	Description			Type	Part No.	P.U.
		<b>Cable glands plastic</b>				
		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	
<b>Technical data</b>						
Material		Polyamide				
Color		RAL 7035				
Degree of protection		IP68				
Flammability		UL94-V0				

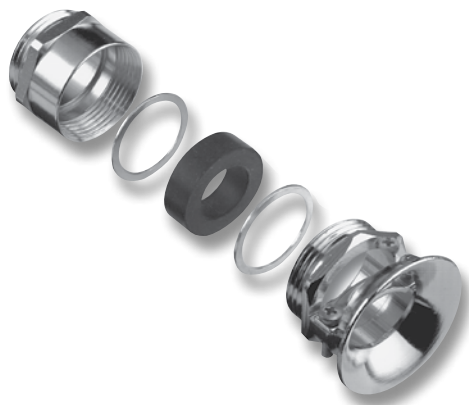
Cable glands IP68, metal	Description			Type	Part No.	P.U.
		<b>Cable glands metal</b>				
		Cable Ø [mm]	SW [mm]	l [mm]		
M20x1,5		8 – 13	22	6	Z5.507.1321.0	10
M25x1,5		11 – 17	27	8	Z5.507.1521.0	10
M32x1,5		15 – 21	34	8	Z5.507.1721.0	10
M40x1,5	19 – 27	44	8	Z5.507.1921.0	1	
<b>Technical data</b>						
Material		nickel-plated brass				
Color		-				
Degree of protection		IP68				
Flammability		-				

Cable glands EMC IP68, metal	Description			Type	Part No.	P.U.
		<b>Cable glands metal</b>				
		Cable Ø [mm]	SW [mm]	l [mm]		
M20x1,5		7.5 – 14	22	6	Z5.503.7221.0	10
M25x1,5		10 – 18	30	7	Z5.503.7321.0	10
M32x1,5		16 – 25	34	8	Z5.503.7421.0	10
<b>Technical data</b>						
Material		nickel-plated brass				
Color		-				
Degree of protection		IP68				
Flammability		-				

## Dimensions



## Strain relief, IP54





# Brass cable glands, nickel-plated, metric

## Cable gland, IP54, with strain relief



Name	Type				Part No.	P.U.
<b>Cable gland metal</b>						
	Cable Ø [mm]	L [mm]	l [mm]	SW [mm]		
M20x1.5	6.5 – 11.5	25	6	24	Z5.507.5821.0	1
M25x1.5	9 – 20	29	7	34	Z5.507.6021.0	1
M32x1.5	17 – 28	32	8	42	Z5.507.6221.0	1
M40x1.5	23 – 35	40	8	52	Z5.507.6421.0	1
<b>Technical data</b>						
Material	Brass, nickel-plated					
Color	-					
Degree of protection	IP54					
Flammability	-					

## Bushing, IP54



Name	Type				Part No.	P.U.
<b>Bushing metal</b>						
	Cable Ø [mm]	L [mm]	l [mm]	SW [mm]		
M16x1.5	3 – 9	15	5	16	Z5.507.2121.0	1
M20x1.5	4 – 13	17.5	6	20	Z5.507.2221.0	1
M25x1.5	8.5 – 17.5	20	7	25	Z5.507.2321.0	1
M32x1.5	16 – 25	23	8	32	Z5.507.2421.0	1
<b>Technical data</b>						
Material	Brass, nickel-plated					
Color	-					
Degree of protection	IP54					
Flammability	-					

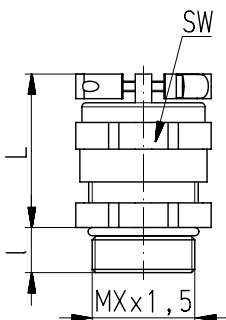
## Strain relief, IP54



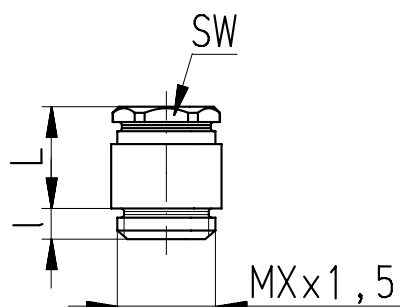
Name	Type				Part No.	P.U.
<b>Cable gland metal</b>						
	Cable Ø [mm]	L [mm]	l [mm]	SW [mm]		
M16x1.5	4 – 9	29	5	18	Z5.507.9521.0	10
M20x1.5	6.5 – 13.5	33	6	22	Z5.507.9621.0	10
M25x1.5	9 – 20	38	7	30	Z5.507.9721.0	10
M32x1.5	17 – 26	43	8	36	Z5.507.9821.0	10
<b>Technical data</b>						
Material	Brass, nickel-plated					
Color	-					
Degree of protection	IP54					
Flammability	-					

## Dimensions

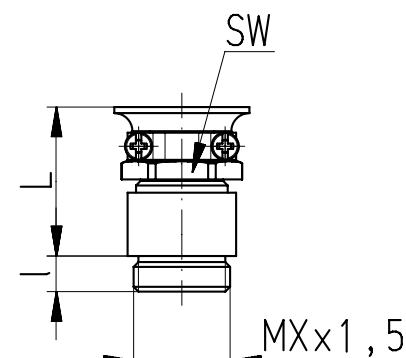
### Cable gland, IP54, with strain relief, metal



### Cable gland, IP54, metal



### Strain relief, IP54, metal



## Cable glands, Accessories

### Reduction piece, nickel-plated brass



Description	Type	Part No.	P.U.		
<b>Reduction piece</b>					
External thread [AG]	Internal thread [IG]	D [mm]	I [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
<b>Technical data</b>					
Material	nickel-plated brass				
Color	-				
Degree of protection	-				
Flammability	-				

### Expansion piece, nickel-plated brass



Description	Type	Part No.	P.U.		
<b>Erweiterung</b>					
External thread [AG]	Internal thread [IG]	D [mm]	I [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
<b>Technical data</b>					
Material	nickel-plated brass				
Color	-				
Degree of protection	-				
Flammability	-				

### Adapter for PG-metric conversion



Description	Type	Part No.	P.U.		
<b>Adapter PG</b>					
External thread [AG]	Internal thread [IG]	D [mm]	I [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
<b>Technical data</b>					
Material	nickel-plated brass				
Color	-				
Degree of protection	-				
Flammability	-				

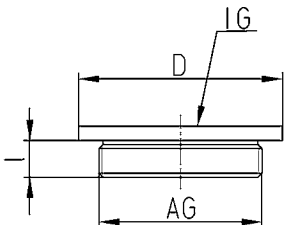
### Adapter for metric-PG conversion



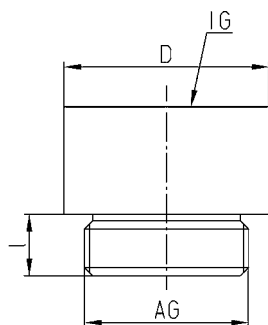
Description	Type	Part No.	P.U.		
<b>Adapter metrisch</b>					
External thread [AG]	Internal thread [IG]	D [mm]	I [mm]		
M20x1.5	PG 13.5	22	6	05.507.8121.0	1
M20x1.5	PG 16	24	6	05.507.8221.0	1
M25x1.5	PG 21	30	7	05.507.8321.0	1
M32x1.5	PG 29	39	8	05.507.8421.0	1
<b>Technical data</b>					
Material	nickel-plated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

## Dimensions

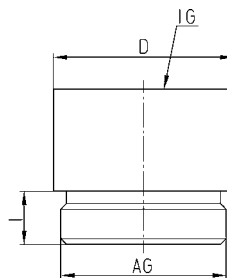
### Reduction piece, nickel-plated brass



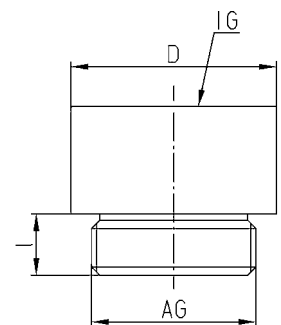
### Expansion piece, nickel-plated brass



### Adapter for PG-metric conversion



### Adapter for metric-PG conversion



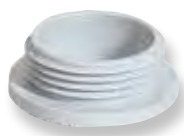
## Cable glands, Accessories

### Blind piece with gasket, brass



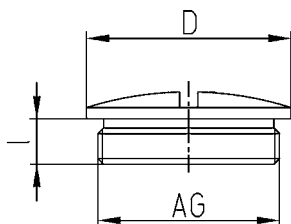
Description	Type		Part No.	P.U.
<b>Blind piece brass</b>				
Thread [AG]	D [mm]	l [mm]		
M20x1.5	22	6.5	05.507.4021.0	1
M25x1.5	28	7	05.507.4121.0	1
M32x1.5	35	8	05.507.4221.0	1
M40x1.5	44	8.5	on request	
<b>Technical data</b>				
Material	nickel-plated brass			
Color	Metalic			
Degree of protection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

### Blind piece with gasket, plastic



Description	Type		Part No.	P.U.
<b>Blind piece plastic</b>				
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
<b>Technical data</b>				
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

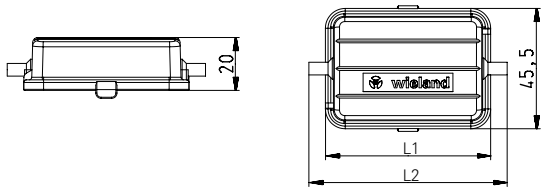


Description	Type	Part No.	P.U.
<b>revos protective cover for single locking lever, without gasket</b>			
Size 6	BAS AD DI 06	07.409.7056.0	10
Size 10	BAS AD DI 10	07.428.5553.0	10
Size 16	BAS AD DI 16	07.428.5653.0	10
Size 24	BAS AD DI 24	07.428.5753.0	10
<b>with tether cord + loop</b>			
Size 6	BAS AD DI 06 FSR	Z7.416.1556.0	10
<b>for single locking lever, with gasket</b>			
Size 6	BAS AD DB 06	Z7.427.8053.0	10
<b>with tether cord + loop</b>			
Size 6	BAS AD DJ 06 FSR	Z7.429.0453.0	10
<b>for double locking lever, without gasket</b>			
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
<b>with tether cord</b>			
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
<b>with tether cord + loop</b>			
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
<b>for double locking lever, with gasket</b>			
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
<b>with tether cord</b>			
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
<b>with tether cord + loop</b>			
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
<b>Technical data</b>			
Material/Gasket	Polyamide/NBR		
Color	silver gray, RAL 7001		
Degree of protection	IP65		
Flammability	UL94-V0		

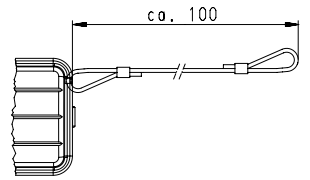
## Dimensions

### 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

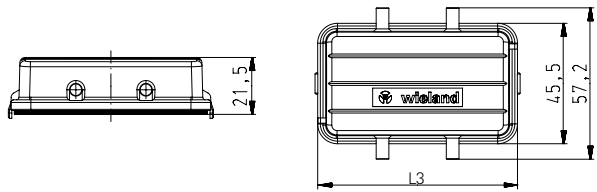


### tether cord

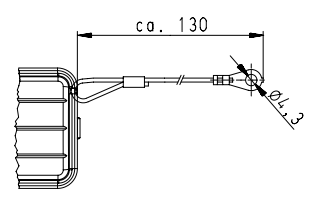


### Double locking lever without clamp

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

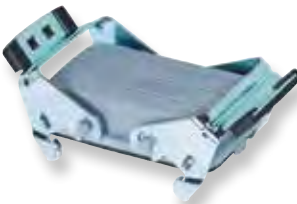
### Double locking lever Size 10

Plastic locking levers, with gasket



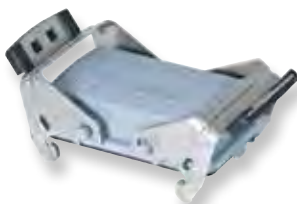
### Double locking lever Size 10

steel locking levers, with gasket



### Double locking lever Size 10

stainless steel locking levers, with gasket



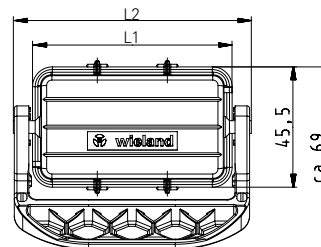
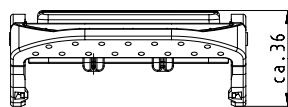
Description	Type	Part No.	P.U.
<b>revos protective cover for single locking lever, with gasket</b>			
<b>plastic locking levers</b>			
Size 6	BAS AD DH 06 PA	Z7.428.1153.0	10
Size 10	BAS AD DH 10 PA	Z7.428.5553.0	10
Size 16	BAS AD DH 16 PA	Z7.428.5653.0	10
Size 24	BAS AD DH 24 PA	Z7.428.5753.0	10
<b>steel locking levers</b>			
Size 6	BAS AD DH 06 ST	Z7.428.1110.0	10
<b>stainless steel locking levers</b>			
Size 6	BAS AD DG 06 VA	Z7.428.1119.0	10
<b>for double locking lever, with gasket</b>			
<b>plastic locking levers</b>			
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
<b>steel locking levers</b>			
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
<b>stainless steel locking levers</b>			
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
<b>for double locking lever, without gasket</b>			
<b>plastic locking levers</b>			
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

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

## Dimensions

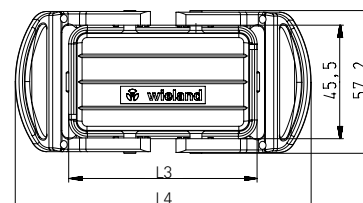
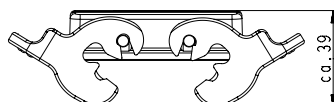
### Single locking lever with clamp, plastic

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



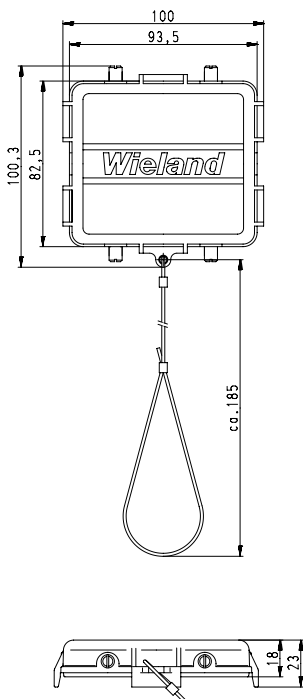
Description	Type	Part No.	P.U.
<b>revos protective cover with tether cord + loop without locking levers, without gasket</b>			
Size 32	BAS AD DA 32 FS ST	Z7.419.6228.0	10
<b>with locking levers, with gasket</b>			
Size 32	BAS AD DD 32 FS ST	Z7.419.6128.0	10

#### Technical data

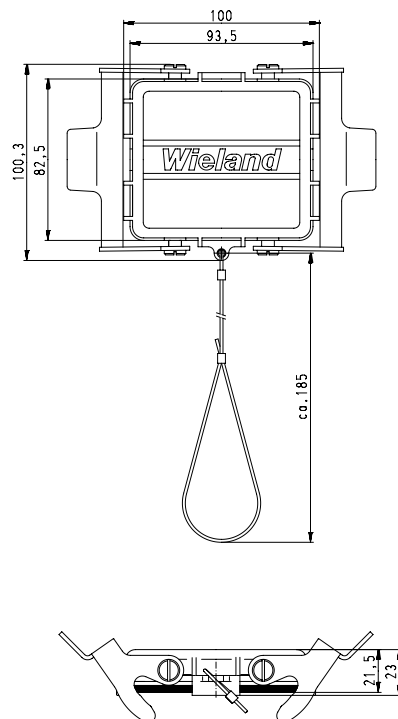
Material	Die cast aluminum
Surface	Silicon-free
Locking levers	Zinc-plated steel
Gasket	NBR
Degree of protection	IP65

### Dimensions


#### Protective covers without locking levers



#### Protective cover with locking levers

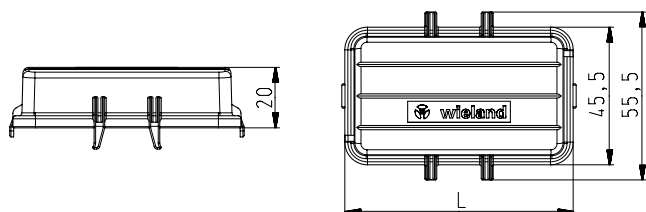


## Protective cover for *revos* BASIC Housings Size 6–24


Protective cover latchable	Description	Type	Part No.	P.U.
	<b>Protective cover rastbar</b>			
	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
<b>Technical data</b>				
	Material	Polyamide		
	Color	RAL 7001		
	Degree of protection	-		
	Flammability	-		

### Dimensions

#### Protective cover latchable



## Protective cover for *revos* MINI Housings

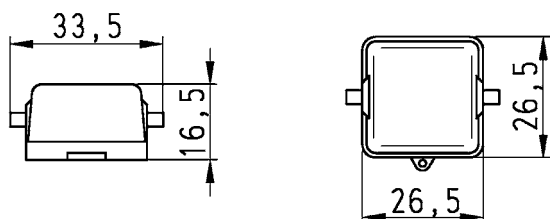
Protective cover without gasket	Description	Type	Part No.	P.U.
	<b>Protective cover for <i>revos</i> MINI Housings without gasket for male insert</b>			
	plastic	MIN AD DA 7 P	07.417.6753.0	10
	Metal	MIN AD DA 7 Z	07.417.6729.0	10
	<b>with gasket for female insert</b>			
	plastic	MIN AD DB 7 P	07.417.6853.0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

<b>Crimping tool kit</b> 	Description			
	<b>Crimping tool for <i>revos</i> contacts</b> Crimping tool without crimping die and positioner <b>Accessoires for crimping tool see page 304.</b>			
	Type	Part No.	P.U.	
		95.101.0800.0	1	
For assignment of contacts to crimping tool see page 305.				
<b>Stripping tool</b> 	Description			
	<b>Tool</b> Stripping tool			
	Type	Part No.	P.U.	
	0.08 – 10mm <sup>2</sup> / 28 – 7 AWG	95.350.0100.0	1	
<b>Hand crimping tool</b> 	Description			
	<b>Crimping tool for contacts Ø 1 mm see page 96.</b>			
	Hand crimping tool without contact positioner			
	Hand crimping tool with contact positioner			
	Type	Part No.	P.U.	
		95.101.2100.0	1	
		95.101.2200.0	1	
<b>Screwdriver</b> 	Description			
	<b>Tool</b> Screwdriver			
	Type	Part No.	P.U.	
	Blade 0.6x3.5 form "B"	06.502.4000.0	5	
For use with contact inserts and multipole adapters with spring clamp connection				
<b>Axial screwdriver</b> 	Description			
	<b>Tool</b> Axial screwdriver			
	Type	Part No.	P.U.	
	POW AXIALSHR ISK SW2	05.502.4500.0	5	
<b>Extraction tool</b> 	Description			
	<b>Tool</b>			
	Extraction tool			
	Extraction tool			
	Type	Part No.	P.U.	
	HD	05.502.0000.0	1	
	500/690V-SER.	05.502.3500.0	1	
		05.502.4400.0	1	
<b>Jumper bar for <i>revos</i> BASIC multipole adapters</b> 	Description			
	<b>Insulated jumper bar for <i>revos</i> BASIC multipole adapters</b>			
	<b>Number of poles</b>			
	2-pole			
	3-pole			
	6-pole			
	8-pole			
	12-pole			
	<b>Technical data</b>			
	Material			
Polyamide				
Rated voltage				
500 V				
Rated current				
16 A				



## Marking tag carriers

### Marking tag carriers for multipole adapters



Description	Type	Part No.	P.U.
<b>Marking tag carriers, complete</b>			
40-pole		Z4.242.3753.0	10
64-pole		Z4.242.4053.0	10
<b>Marking tags</b>			
<b>Single tag, max. 3-digits</b>			
unmarked marking field 8.3x4.5 mm	9705 A	04.242.0850.0	500
<b>Single tag, max. 8-digits</b>			
unmarked marking field 14x4.5 mm	9705 AL	04.242.1553.0	500
<b>Marking strip with 12 tags, 6.7 mm spacing</b>			
unmarked marking field 8.3x6.45 mm	9705A/6,7/12	04.242.6753.0	25
marked 1 – 9	9705A/6,7/12 B 1-9	99.000.0920.8	25

### 45° Marking tag carrier



Description	Type	Part No.	P.U.
<b>Marking tag carriers</b>			
<b>2x4-digits, 45°</b>	9705 A/4 W	04.242.2853.0	200
<b>Marking tags</b>			
<b>Single tag, max. 3-digits</b>			
unmarked marking field 8.3x4.5 mm	9705 A	04.242.0850.0	500
<b>Single tag, max. 8-digits</b>			
unmarked marking field 14x4.5 mm	9705 AL	04.242.1553.0	500
<b>Marking strip with 12 tags, 6.7 mm spacing</b>			
unmarked marking field 8.3x6.45 mm	9705A/6,7/12	04.242.6753.0	25
marked 1 – 9	9705A/6,7/12 B 1-9	99.000.0920.8	25
<b>Marking strip with 12 tags, 6.7 mm spacing</b>			
24-pole marked 1 – 24	9705A/6,7/2X12 B 1-24	99.005.0920.8	25



## Marking tags

### Tear-off marking strip



Description	Contents	Type	Part No.	P.U.
<b>Marking tags-Ast unmarked</b>		9704 A	04.241.1150.0	25
<b>marked with the same number</b>				
	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
<b>marked with consecutive numbers</b>	1 2 3 4 5 6 7 8 9 0	9704 A/1-0 B	04.841.2150.0	25
<b>marked with the same uppercase letters</b>				
	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

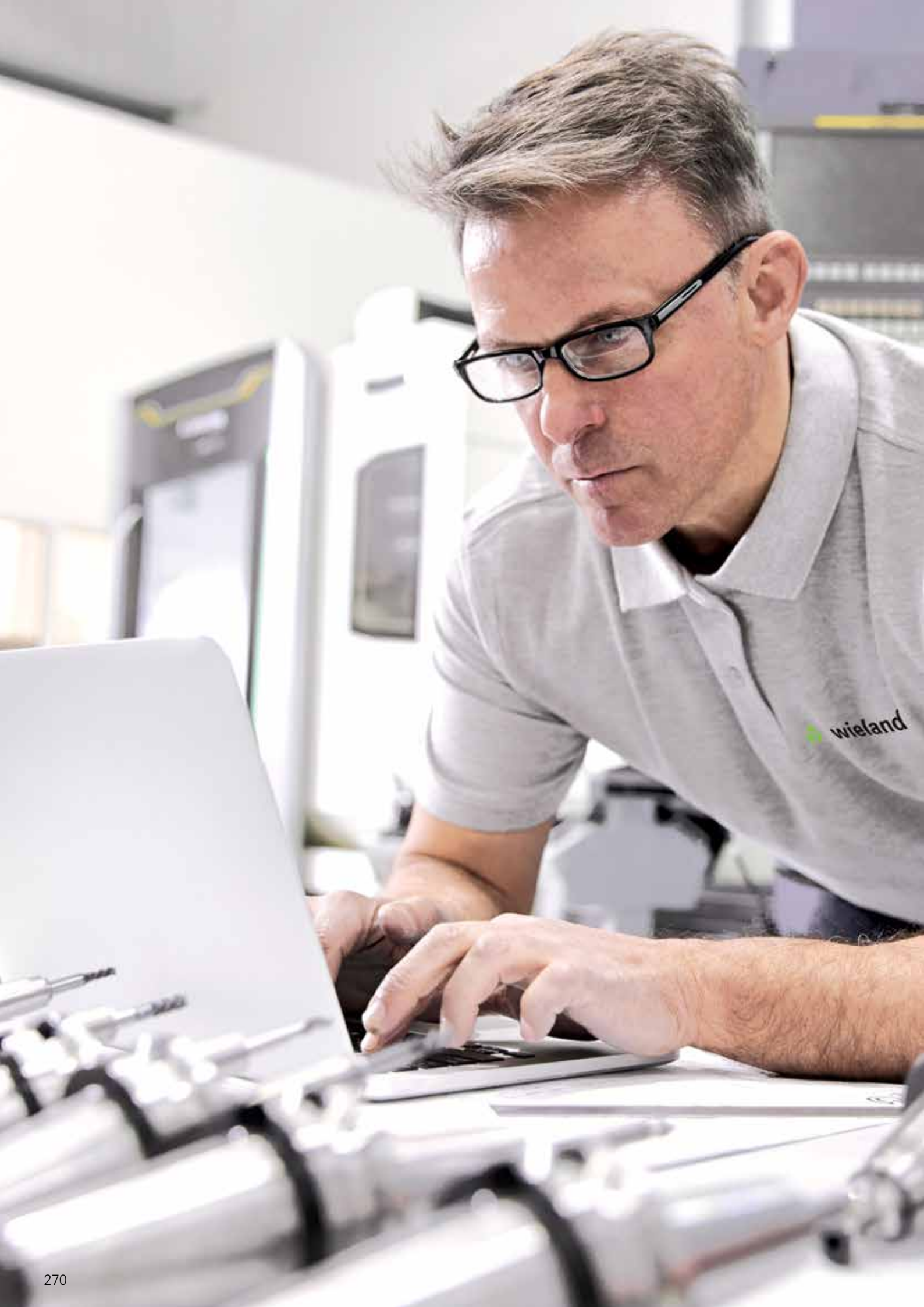
# Marking tags

## Tear-off marking strip



Description	Contents	Type	Part No.	P.U.
<b>marked with the same lowercase letters</b>				
	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
<b>marked with the same symbols</b>				
	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
<b>Large packs</b>				
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





## **revos facts&DATA**

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

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

We look forward to hearing from you.



# Conductor connections

## Rated connection capacity and suitable conductor

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

Rated connection capacity	Theoretical diameter of the largest conductor								Connectable conductor		
	Metric				AWG				Rigid	Flexible	
	Rigid		Flexible		Rigid		Flexible				
mm <sup>2</sup>	Solid mm	Multistrand mm	mm	Conductor size	Solid mm	Multistrand mm	Multistrand mm	Must be set in the relevant product standard			
0.2	0.51	0.53	0.61	24	0.54	0.61	0.64			Must be set in the relevant product standard	
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 <sup>a)</sup>	14	1.71	1.95	2.08				
4.0	2.4	2.7	2.9 <sup>a)</sup>	12	2.15	2.45	2.70				
6.0	2.9	3.3	3.9 <sup>a)</sup>	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				
					<sup>b)</sup>	<sup>b)</sup> / Class B	<sup>c)</sup> / 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]

<sup>a)</sup> Dimensions only for flexible cables of class 5 in accordance with IEC 60 228A.

<sup>b)</sup> Nominal diameter + 5%

<sup>c)</sup> 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 <sup>a)</sup>		
mm <sup>2</sup>	Multistrand mm		mm	Must be set in the relevant product standard	
50	9.1		11.0		
70	11.0		13.1		
95	12.9		15.1		
-	-		-		
120	14.5		17.0		
150	16.2		19.0		
185	18.0		21.0		
-	-		-		
240	20.6		24.0		
300	23.1		27.0		

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

<sup>a)</sup> 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 <sup>2</sup>
mm <sup>2</sup>			
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 <sup>2</sup>
mm <sup>2</sup>			
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 <sup>2</sup>		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
<b>0</b>	No protection
<b>1</b>	Protection against dripping water: Dripping water falling vertically must not have a damaging effect
<b>2</b>	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°.
<b>3</b>	Protection against spraying water: Water that is sprayed in an angle of up to 60° must not have any damaging effect
<b>4</b>	Protection against splashing water: Water spraying from all directions towards the equipment must not have any damaging effect
<b>5</b>	Protection from jets of water: Jets of water directed towards the equipment from all directions must not have any damaging effect
<b>6</b>	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.
<b>7</b>	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
<b>8</b>	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.
<b>9</b>	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.



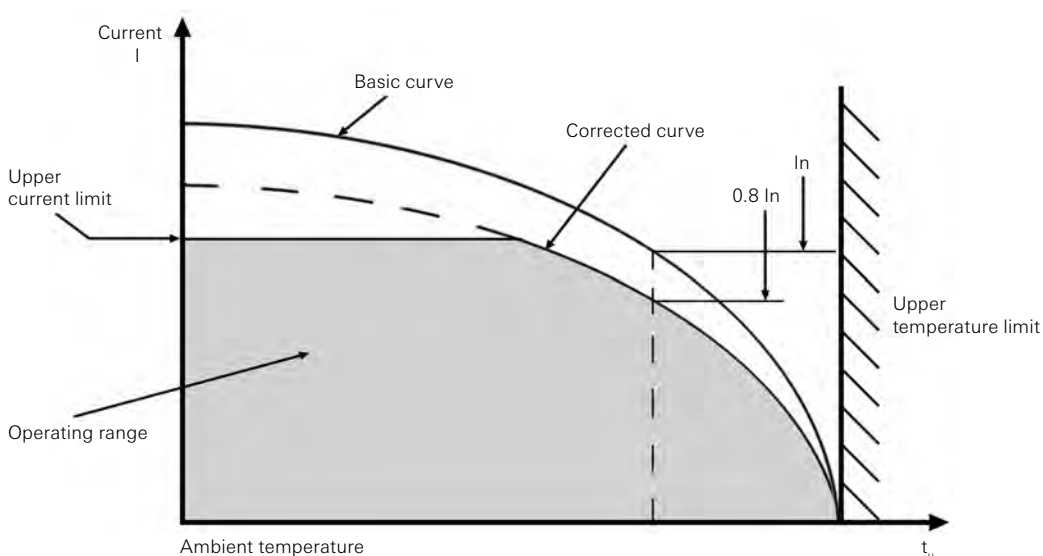
## Current carrying capacity - Derating behavior of *revos* industrial multipole connectors

Like any other connector, the **revos** industrial multipole connector also faces a reduction in the values for the current carrying capacity 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 capacity derived from the basic curve Source DIN EN 60 512-5-2-2003

## Current carrying capacity

The current carrying 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<sub>2</sub> and H<sub>2</sub>S. 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 °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 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 mm<sup>2</sup> to 2.5 mm<sup>2</sup> 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 <sup>2</sup> to	2.5 mm <sup>2</sup>	to	16 A
	1.0 mm <sup>2</sup>	to	10 A
	0.75 mm <sup>2</sup>	to	6 A
	0.5 mm <sup>2</sup>	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



DAR-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 Eigentüm


Entfällt  
Not relevant


 IM2 EEx ia I

A 20030062

Seite 1 von 7 zum Prüfprotokoll - Page 1 of 7

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(bis 31.05.2007: Deutsche Montan Technologie G





**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 - 2,5mm<sup>2</sup> 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:

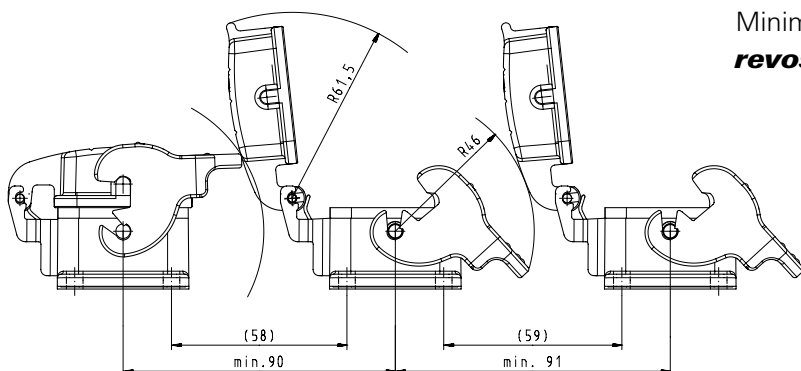
 IM1 Ex ia I

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 +49 234 696-165 Fax +49 234 696-110 E-mail zr-exam@dekra.com  
(until 31.03.2007 EXAM BBG Prüf- und Zertifizier GmbH)

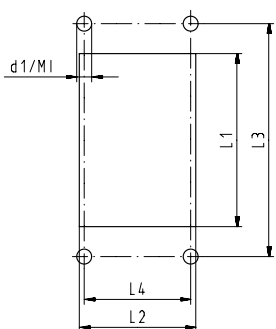
# revos BASIC single locking lever

## Installation spacing and mounting dimensions

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

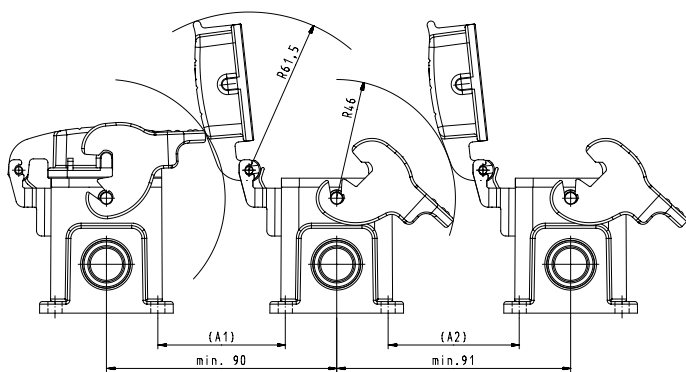


Mounting diagram for **revos** BASIC open-bottom bases of size 6 to 48



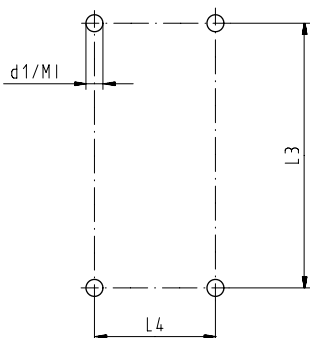
Size		6	10	16	24	48
Cut-out	L1	52	65	85.5	112	117
	L2	35	35	35	35	81
	L3	70	83	103	130	148
Installation spacing	L4	32	32	32	32	70
	d1	4.3	4.3	4.3	4.3	6.4
	M	M4	M4	M4	M4	M6

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

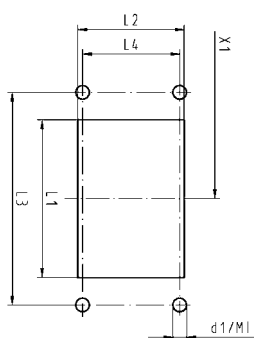
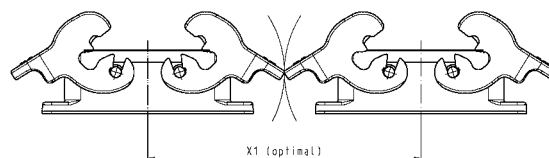
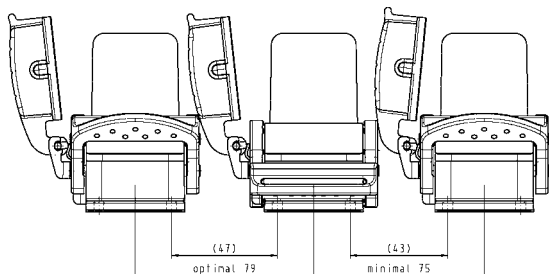


Size		6	6H	10	10H	16	24	48
Installation spacing	L3	70	70	82	82	105	132	111
	L4	40	45	40	45	45	45	106
	d1	5.3	5.5	5.3	5.5	5.3	5.3	6.5
	M	M5	M5	M5	M5	M5	M5	M6

# revos BASIC double locking lever

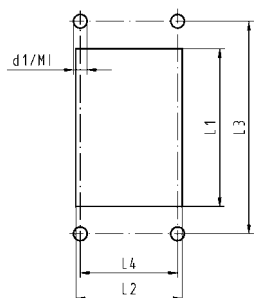
## Installation spacing and mounting dimensions

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

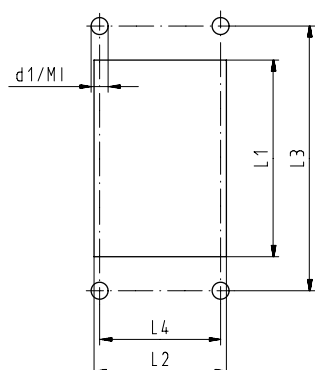
Size		10	16	24	32
Cut-out	L1	65	85.5	112	86
	L2	35	35	35	71
Installation spacing	L3	83	103	130	110
	L4	32	32	32	65
Minimum Montageabstand	X1	121	139	166	
	d1	4.3	4.3	4.3	5.5
	M1	M4	M4	M4	M5



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

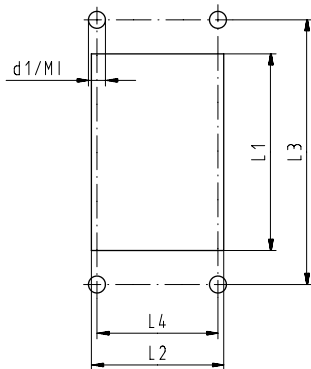


Mounting diagram for **revos** EMC open-bottom bases of size 6 to 24

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

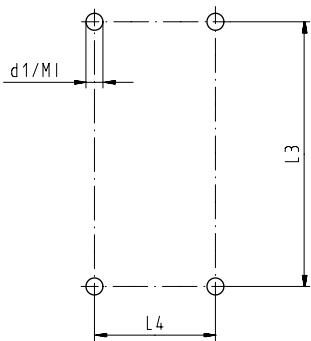
**revos** HD

**Housing line, cut-outs and mounting dimensions**



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

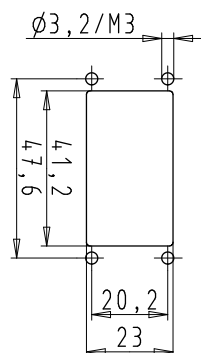
Size		10/15	16/25	32/50
Cut-out	L1	56	72	82
	L2	23	23	49
Installation spacing	L3	70	86	92
	L4	17.5	17.5	42
	d1	3.3	3.3	4.3
	M1	M3	M3	M4



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**



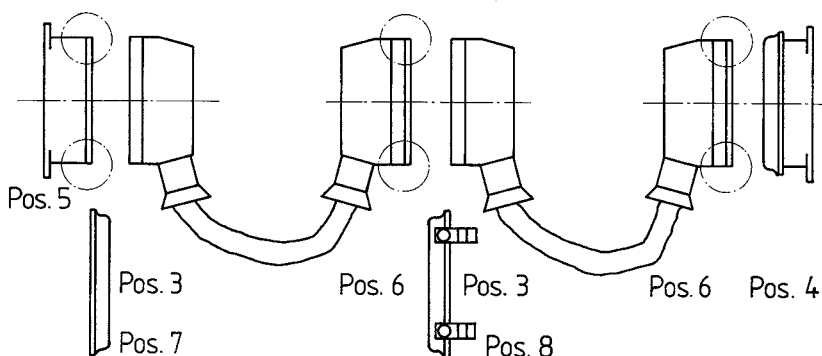
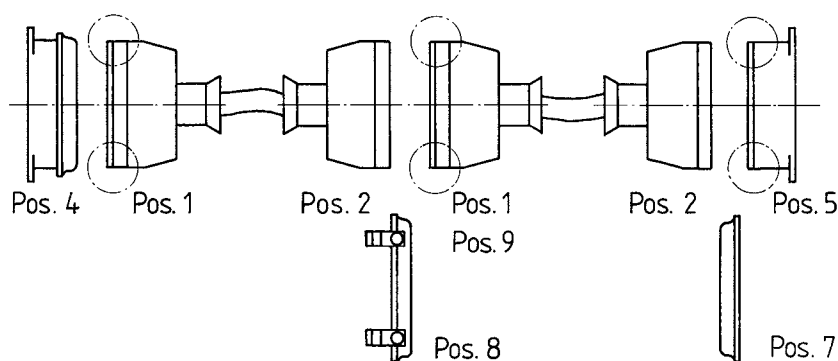
Cut-out for **revos** FLEX COMPACT 1M

# Installation example for *revos*

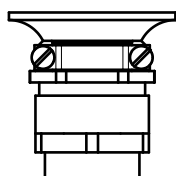
## Multipole hoods for cable-to-cable couplings

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.
<b>Tool</b>			
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 <sup>2</sup>	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
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Z5.507.1753.0	150	Z5.507.1953.0	258	Z5.507.9821.0	166	Z7.428.1219.0	263
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Z5.507.1753.0	258	Z5.507.9721.0	126	Z7.256.0627.0	266	Z7.429.0753.0	262
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# YOUR CONTACT PARTNERS.



INDUSTRIAL AUTOMATION,  
ELECTROMECHANICS

Phone: **+49 951 9324-991**  
Mail: **AT.TS@wieland-electric.com**

BUILDING AND INSTALLATION  
TECHNOLOGY

Phone: **+49 951 9324-996**  
Mail: **BIT.TS@wieland-electric.com**

INDUSTRIAL AUTOMATION, ELECTRONICS

Phone: **+49 951 9324-995**  
Mail: **AT.TS@wieland-electric.com**

SAFETY TECHNOLOGY

Phone: **+49 951 9324-999**  
Mail: **safety@wieland-electric.com**



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## HEADQUARTERS

Wieland Electric GmbH  
Brennerstraße 10 – 14  
96052 Bamberg · Germany

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Phone +49 951 9324-0  
Fax +49 951 9324-198  
info@wieland-electric.com



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Represented in over 70 countries worldwide:

[www.wieland-electric.com](http://www.wieland-electric.com)