

revos contact inserts offer many possibilities

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

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

for industrial heavy duty connectors.

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





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

Technical data	
Rated voltage	90 V
Rated voltage Rated voltage according to UL/CSA	90 V
Rated impulse voltage	
	- Demonstration to the control of th
Rated current	Dependent on the wire cross section*)
Degree of pollution	3
Rated cross section	
EN 60999	$0.5 - 2.5 \text{ mm}^2$
UL	-
CSA	-
Contacts	
Material	Copper alloy
Surface	Sn. Au
Insulation strip length	7 mm
Contact resistance	≤ 1.5 mΩ
Mating cycles	Sn 200 / Au 500
Screws	head design / recomm. torque
Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	H1 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-20 +60 °C

Housing <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. 0344 **€** I M1 Ex ia I

BVS 03 ATEX 184 X

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

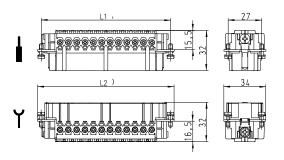
Special conditions for safe use:

- 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 $^{\circ}$ C to +60 $^{\circ}$ C.

*Wire cross section

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

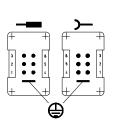
6-pole + ground - 48-pole + ground



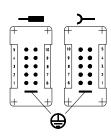
Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.0
16	77.5	83.0
24	104.0	110.0
48	104.0	110.0



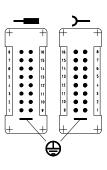
6-pole + ground



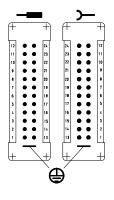
10-pole + ground



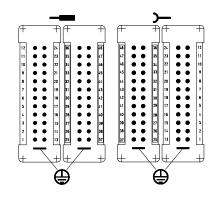
16-pole + ground



24-pole + ground



48-pole + ground





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	М	Part No.	P.U.
Hoods, size 6Ex Lateral cable entry M20	Housing, die cast zinc alloy			
with threaded collar	EX GOT GG 6 M20 09IA Z1	20	70.350.0636.1	1
with strain relief, IP54 →IØI— 9 – 13.5 mm	EX GOT GG 6 M20 09IA Z3	20	70.350.0636.3	1
Lateral cable entry M25 with threaded collar	EX GOT GG 6 M25 09IA Z1	O.E.	70.050.0606.1	1
with threaded collar with strain relief, IP54	EX GOT GG 6 M25 09IA Z1	25 25	70.353.0636.1 70.353.0636.3	1
Top cable entry M20 with threaded collar	EX GOT GI 6 M20 09IA Z1	20	70.352.0636.1	1
with threaded collar with strain relief, IP54 →IØI← 9 – 13.5 mm	EX GOT GI 6 M20 09IA Z3	20	70.352.0636.3	1
Top cable entry M25	51/ 0.07 01 0 1105 0011 71		70.054.00004	
with threaded collar with strain relief. IP54	EX GOT GI 6 M25 09IA Z1	25	70.354.0636.1	1
with strain relief, 1754 →IØI← 14 – 20 mm	EX GOT GI 6 M25 09IA Z3	25	70.354.0636.3	1
Multipole connectors for cable-to-cable couplings with Locking levers and gasket				
Lateral cable entry M20				
with strain relief, IP54 →IØI← 9 – 13.5 mm	EX GOT GT 6 M20 09IA Z4	20	99.731.3329.7	10
Lateral cable entry M25				
with strain relief, IP54 →IØI→ 14 – 20 mm	EX GOT GT 6 M25 09IA Z4	25	99.732.3329.7	1
Top cable entry M20				
with strain relief, IP54 →IØI← 9 – 13.5 mm	EX GOT GR 6 M20 09IA Z3	20	99.741.3329.7	10
Top cable entry M25				
with strain relief, IP54 →IØI → 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

Special conditions for safe use:

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

See section "facts & DATA" for handling and assembly of the multipole connectors. 0344 s I M1 Ex ia I

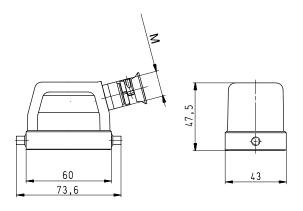
BVS 03 ATEX 184 X

EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000 For assembly instructions, see page 298 and 303.

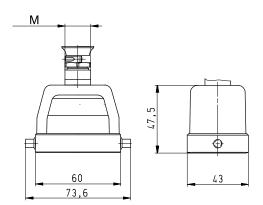
Page 24-25

Hoods

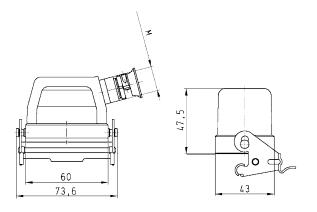
Lateral cable entry



Top cable entry

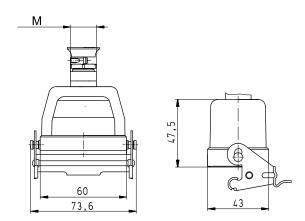


Multipole connectors for cable-to-cable couplings with Locking levers and gasket Lateral cable entry



Multipole connectors for cable-to-cable couplings

with Locking levers and gasket





Bases, single locking lever Size 6Ex

Bases Size 6Ex





closed 1 cable gland, lateral



closed 1 cable gland, bottom



Description	Туре	М	Part No.	P.U.
Bases, size 6Ex	Housing, die cast zinc alloy			
Open-bottom base				
without cover	EX GUT GK 6 09IA Z		70.320.0628.9	
with cover	EX GUT GP 6 09IA Z		70.325.0628.9	
cover with gasket	EX GUT GV 6 09IA Z		99.700.3329.7	10
Closed-bottom base				
2 cable glands, 2 x M20				
without cover	5 / OUT OL O 1400 0014 70	0.0	70 000 0000 0	4
with cable gland, IP54, →IØI← 3 – 14.5 mm	EX GUT GL 6 M20 09IA Z0	20	70.330.0636.0	1
with cover	EX GUT GR 6 M20 09IA Z0	20	70 240 0626 0	1
with cable gland, IP54, →IØI← 3 – 14.5 mm	EX GOT GR 6 MIZO 09IA ZO	20	70.340.0030.0	1
2 cable glands, 2 x M25 without cover				
with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GL 6 M25 09IA Z0	25	70 224 0626 0	1
with cover	EX GOT GE 6 M25 09IA 20	25	70.334.0030.0	1
with cable gland, IP54, →IØI⊷ 7.5 – 19 mm	EX GUT GR 6 M25 09IA Z0	25	70.344.0636.0	1
1 cable gland, left, 1 x M20				
without cover				
with cable gland, IP54, →IØI+ 3 – 14.5 mm	EX GUT GM 6 M20 09IA Z0	20	70.331.0636.0	1
with cover				
with cable gland, IP54, →IØI← 3 – 14.5 mm	EX GUT GS 6 M20 09IA Z0	20	70.341.0636.0	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, →IØI⊷ 7.5 – 19 mm	EX GUT GM 6 M25 09IA Z0	25	70.335.0636.0	1
with cover				
with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GS 6 M25 09IA Z0	25	70.345.0636.0	1
1 cable gland, right, 1 x M20				
with cover				
with cable gland, IP54, →IØI← 3 – 14.5 mm	EX GUT GT 6 M20 09IA Z0	20	70.342.0636.0	1
1 cable gland, right, 1 x M25				
with cover				
with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GT 6 M25 09IA Z0	25	70.346.0636.0	1
1 cable gland, bottom, 1 x M20				
without cover				
with cable gland, IP54, →IØI← 3 – 14.5 mm	EX GUT GO 6 M20 09IA Z0	20	70.333.0636.0	1
with cover	EX GUT GU 6 M20 09IA Z0	20	70 242 0626 0	1
with cable gland, IP54, →IØI← 3 – 14.5 mm	EX GUT GU 6 MZU U9IA ZU	20	70.343.0030.0	
1 cable gland, bottom, 1 x M25				
without cover with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GO 6 M25 09IA Z0	25	70 227 0626 0	1
with cover	EX GUT GU 6 IVIZO U9IA ZU	25	70.337.0030.0	
with cover with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GU 6 M25 09IA Z0	25	70.347.0636.0	1
with easie giana, it 34, Fishe 7.5 - 19 iiiii	EX 001 00 0 1025 091A 20	23	70.047.0030.0	

Technical data Material metal/plastic Die cast zinc alloy/Cover Polyamide Surface powder coated, light blue Locking levers zinc-plated steel 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:

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

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

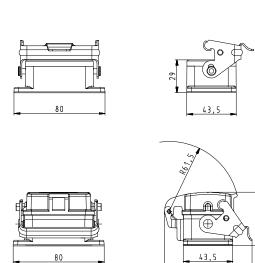
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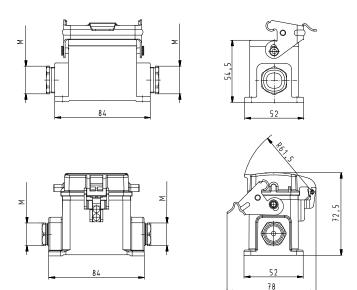
EN 50303:2000

Bases

open

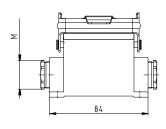


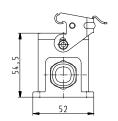
closed, 2 cable glands, lateral cable entry

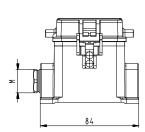


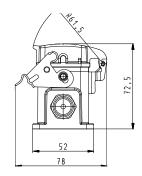


closed, 1 cable gland, lateral cable entry

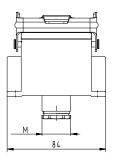


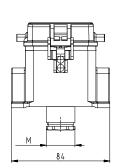


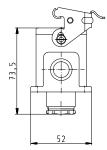


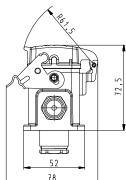


closed, 1 cable gland, bottom











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	М	Part No.	P.U.
Hoods, size 10Ex	Housing, die cast zinc alloy			
ateral cable entry M20				
vith threaded collar	EX GOT GA 10 M20 09IA Z1	20	70.350.1036.1	1
vith strain relief, IP54 +IØI⊷ 9 – 13.5 mm	EX GOT GA 10 M20 09IA Z3	20	70.350.1036.3	1
Lateral cable entry M25 with threaded collar	EX GOT GA 10 M25 09IA Z1	25	70.353.1036.1	1
with strain relief, IP54				
HØI← 14 – 20 mm	EX GOT GA 10 M25 09IA Z3	25	70.353.1036.3	1
Гор cable entry M20				
vith threaded collar	EX GOT GC 10 M20 09IA Z1	20	70.352.1036.1	1
vith strain relief, IP54 +IØI⊷ 9 – 13.5 mm	EX GOT GC 10 M20 09IA Z3	20	70.352.1036.3	1
Top cable entry M25	=		70.054.4000.4	
with threaded collar	EX GOT GC 10 M25 09IA Z1	25	70.354.1036.1	1
vith strain relief, IP54 +IØI⊷ 14 – 20 mm	EX GOT GC 10 M25 09IA Z3	25	70.354.1036.3	1
90 V Hoods, size 10Ex				
with Locking levers without gasket				
_ateral cable entry M20 with threaded collar, with Locking levers	EX GOT GD 10 M20 09IA Z1	20	70.355.1036.1	1
with strain relief, IP54				
National Foliation (1) 104 → 107 →	EX GOT GD 10 M20 09IA Z3	20	70.355.1036.3	1
ateral cable entry M25	EV 007 0D 40 M05 0014 74	0.5	70.050.4000.4	
with threaded collar, with Locking levers	EX GOT GD 10 M25 09IA Z1	25	70.358.1036.1	1
with strain relief, IP54 +IØI⊷ 14 – 20 mm, with Locking levers	EX GOT GD 10 M25 09IA Z3	25	70.358.1036.3	1
Гор cable entry M20				
with threaded collar, with Locking levers	EX GOT GF 10 M20 09IA Z1	20	70.357.1036.1	1
vith strain relief, IP54 +IØI⊷ 9 – 13.5 mm, with Locking levers	EX GOT GC 10 M20 09IA Z3	20	70.357.1036.3	1
Гор cable entry M25				
with threaded collar, with Locking levers	EX GOT GF 10 M25 09IA Z1	25	70.359.1036.1	1
vith strain relief, IP54 •IØI⊷ 14 – 20 mm, with Locking levers	EX GOT GF 10 M25 09IA Z3	25	70.359.1036.3	1
Multipole connectors for cable-to-cable				
couplings with Locking levers and gasket				
Lateral cable entry M20				
vith strain relief, IP54 +IØI⊷ 9 – 13.5 mm	EX GOT GS 10 M20 09IA Z4	20	99.733.3329.7	8
ateral cable entry M25				
vith strain relief, IP54 •IØI← 14 – 20 mm	EX GOT GS 10 M25 09IA Z4	25	99.734.3329.7	1
Гор cable entry M20				
with strain relief, IP54 →IØI 9 – 13.5 mm	EX GOT GP 10 M20 09IA Z4	20	99.743.3329.7	8
Гор cable entry M25				
vith strain relief, IP54				

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 minumum protection rating of IP54 is maintained in accordance with EN 60529.
- 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 $^{\circ}$ C to +60 $^{\circ}$ C.

See section "facts & DATA" for handling and assembly of the multipole connectors. 0344 s I M1 Ex ia I

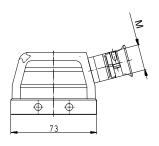
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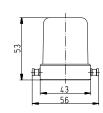
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000



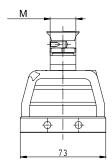
Hoods

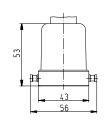
Lateral cable entry





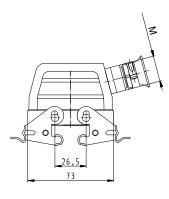
Top cable entry

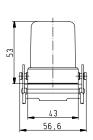


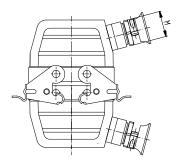


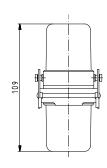
Multipole connectors for cable-to-cable couplings with Locking levers and gasket

Lateral cable entry

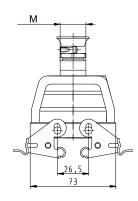


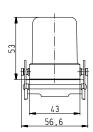


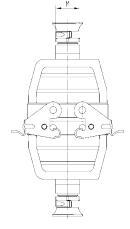


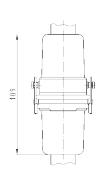


Multipole connectors for cable-to-cable couplings with Locking levers and gasket













Bases, double locking lever Size 10Ex

Bases Size 10Ex



open



closed 1 cable gland, lateral cable entry



closed 1 cable gland, bottom without cover



Description	Туре	М	Part No.	P.U.
Bases, size 10Ex	Housing, die cast zinc alloy			
Open-bottom base				
without cover	EX GUT GA10 09IA Z		70.320.1028.9	
with cover, without Locking levers	EX GUT GE 10 09IA Z		70.325.1028.9	
cover with gasket	EX GUT GX 10 09IA Z		99.706.3329.7	10
Closed-bottom base				
2 cable glands, 2 x M20				
without cover				
with cable gland, IP54, →IØI ← 3 – 14.5 mm	EX GUT GB 10 M20 09IA Z0	20	70.330.1036.0	1
with cover, without Locking levers	51/ 01/F 05 40 1400 0014 F0		700404000	
with cable gland, IP54, →IØI← 3 – 14.5 mm	EX GUT GF 10 M20 09IA Z0	20	70.340.1036.0	1
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GB 10 M25 09IA Z0	25	70.334.1036.0	1
with cover		0.5	=======================================	
with cable gland, IP54, →IØI⊷ 7.5 – 19 mm	EX GUT GF 10 M25 09IA Z0	25	/0.344.1036.0	1
1 cable gland, left, 1 x M20				
without cover				
with cable gland, IP54, →IØI← 3 – 14.5 mm	EX GUT GC 10 M20 09IA Z0	20	70.331.1036.0	1
with cover, without Locking levers	5V 0117 0040 M00 0014 70	00	70.044.4000.0	
with cable gland, IP54, →IØI← 3 – 14.5 mm	EX GUT GG10 M20 09IA Z0	20	70.341.1036.0	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, →IØI → 7.5 – 19 mm	EX GUT GC 10 M25 09IA Z0	25	70.335.1036.0	1
with cover, without Locking levers	EV 0117 0040 M05 0014 70	0.5	70.045.4000.0	4
with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GG10 M25 09IA Z0	25	70.345.1036.0	1
1 cable gland, bottom, 1 x M20				
without cover				
with cable gland, IP54, →IØI← 3 – 14.5 mm	EX GUT GD10 M20 09IA Z0	20	70.333.1036.0	1
with cover, without Locking levers	EV 0117 01 40 M00 0014 70	00	70.040.4000.0	
with cable gland, IP54, →IØI← 3 – 14.5 mm	EX GUT GI 10 M20 09IA Z0	20	70.343.1036.0	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GD10 M25 09IA Z0	25	70.337.1036.0	1
with cover, without Locking levers	EV CUT CL 10 M9E COLA 70	25	70 247 1022 2	1
with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GI 10 M25 09IA Z0	25	70.347.1036.0	

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

Contact inserts

See the product matrix

Page 24-25

Special conditions for safe use:

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

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

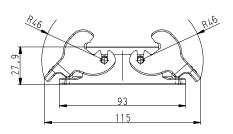
0344**€** I M1 Ex ia I

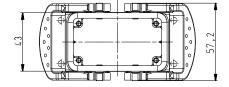
BVS 03 **ATEX** 184 X

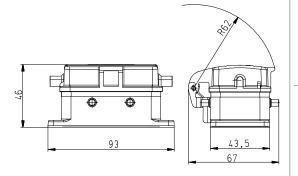
EN 60079-0:2006 EN 60079-11:2007

Bases

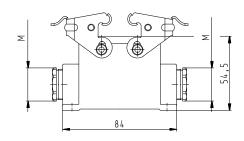
open

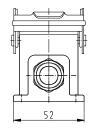




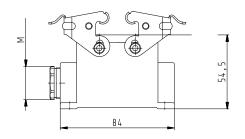


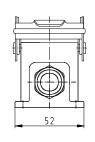
closed, 2 cable glands



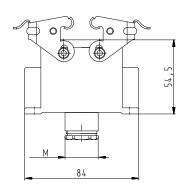


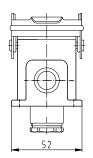
closed, 1 cable gland, lateral cable entry





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	М	Part No.	P.U.
Hoods, size 16Ex	Housing, die cast zinc alloy			
Lateral cable entry M25				
with threaded collar	EX GOT GA 16 M25 09IA Z1	25	70.350.1636.1	1
with strain relief, IP54 →IØI— 14 – 20 mm	EX GOT GA 16 M25 09IA Z3	25	70.350.1636.3	1
ateral cable entry M32				
vith threaded collar	EX GOT GA 16 M32 09IA Z1	32	70.353.1636.1	1
with strain relief, IP54 →IØI← 21 – 28.5 mm	EX GOT GA 16 M32 09IA Z3	32	70.353.1636.3	1
Гор cable entry M25				
vith threaded collar	EX GOT GC 16 M25 09IA Z1	25	70.352.1636.1	1
vith strain relief, IP54 →IØI⊷ 14 – 20 mm	EX GOT GC 16 M25 09IA Z3	25	70.352.1636.3	1
Гор cable entry M32				
vith threaded collar	EX GOT GC 16 M25 09IA Z1	32	70.354.1636.1	1
vith strain relief, IP54 →IØI⊷ 21 – 28.5 mm	EX GOT GC 16 M25 09IA Z3	32	70.354.1636.3	1
00 V Hoods, size 16Ex				
with Locking levers without gasket				
_ateral cable entry M25 vith threaded collar, with Locking levers	EX GOT GD 16 M25 09IA Z1	25	70.355.1636.1	1
with strain relief, IP54				
•IØI ← 14 – 20 mm, with Locking levers	EX GOT GD 16 M25 09IA Z3	25	70.355.1636.3	1
ateral cable entry M32	EV COT CD 16 M22 0014 74	20	70 250 1626 1	1
vith threaded collar, with Locking levers vith strain relief. IP54	EX GOT GD 16 M32 09IA Z1	32	70.358.1636.1	
vith strain relief, ir 54 NØI← 21 – 28.5 mm, with Locking levers	EX GOT GD 16 M32 09IA Z3	32	70.358.1636.3	1
Top cable entry M25	EV 007.05.40.105.001. Ti	0.5	70.057.1006	,
with threaded collar, with Locking levers	EX GOT GF 16 M25 09IA Z1	25	70.357.1636.1	1
with strain relief, IP54 →IØI— 14 – 20 mm, with Locking levers	EX GOT GC 16 M25 09IA Z3	25	70.357.1636.3	1
Гор cable entry M32				
with threaded collar, with Locking levers	EX GOT GF 16 M25 09IA Z1	32	70.359.1636.1	1
vith strain relief, IP54 •IØI⊷ 21 – 28.5 mm, with Locking levers	EX GOT GF 16 M25 09IA Z3	32	70.359.1636.3	1
Multipole connectors for cable-to-cable				
couplings with Locking levers and gasket _ateral cable entry M25				
vith strain relief, IP54	EX GOT GS 16 M25 09IA Z4	25	99.735.3329.7	1
+ Ø ← 14 – 20 mm	2, 3, 3, 30 10 10120 001/124		55.7 00.0020.7	
.ateral cable entry M32 vith strain relief. IP54				
Multi Strain Teller, 1F34 →IØI— 21 – 28.5 mm	EX GOT GS 16 M32 09IA Z4	32	99.736.3329.7	1
Гор cable entry M25				
with strain relief, IP54 →IØI← 14 – 20 mm	EX GOT GR 16 M25 09IA Z4	25	99.745.3329.7	1
Top cable entry M32				
with strain relief, IP54	EX GOT GR 16 M32 09IA Z4	32	99.746.3329.7	1
→IØI 21 – 28.5 mm		_		

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:

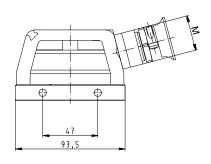
- The heavy duty connectors must be attached to a device in such a way that a minumum protection rating of IP54 is maintained in accordance with EN 60529.
- 2. The plug connectors can be used in an ambient temperature ranges of -20 $^{\circ}\text{C}$ to +60 $^{\circ}\text{C}$.

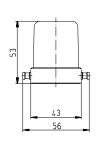
See section "facts & DATA" for handling and assembly of the multipole connectors. 0344 $\textcircled{s}\ I$ M1 Ex ia I

BVS 03 **ATEX** 184 X
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000
For assembly instructions, see page 282 and 287.

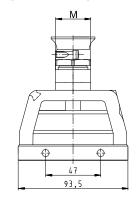
Hoods

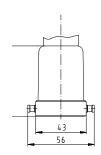
Lateral cable entry





Top cable entry

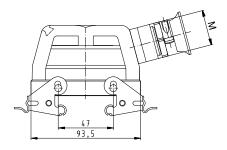


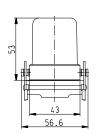


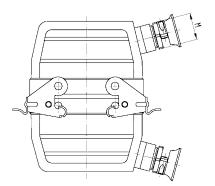
Multipole connectors for cable-to-cable couplings

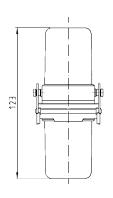
with Locking levers and gasket

Lateral cable entry

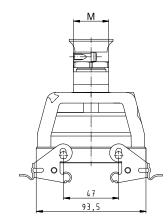


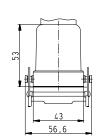


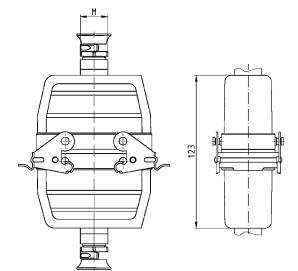




Multipole connectors for cable-to-cable couplings with Locking levers and gasket









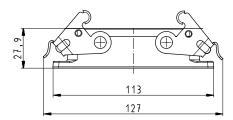


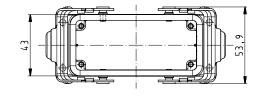
Bases, double locking lever Size 16Ex

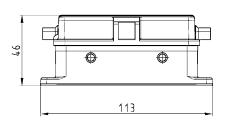
Bases	Description	Type	М	Part No.	P.U.
Size 16Ex	Bases, size 16Ex	Housing, die cast zinc alle	ру		
OLO TOLX	Open-bottom base				
	without cover	EX GUT GA16 09IA Z		70.320.1628.9	
(m)	with cover, without Locking levers	EX GUT GE 16 09IA Z		70.325.1628.9	
	cover with gasket, without Locking levers	EX GUT GX 16 09IA Z		99.702.3329.7	10
open	Technical data				
•	Material metal/plastic	Die cast zinc alloy/Cover Po	olyamio	de	
without cover	Surface	powder coated, light blue			
	Locking levers	zinc-plated steel			
AP.	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:				
	The heavy duty connectors must be attached protection rating of IP54 is maintained in account.		minun	num	
	2. The plug connectors can be used in an ambi	ient temperature ranges of -20 °C	to +60	°C.	
	See section "facts & DATA" for handling and as 0344 🚯 I M1 Ex ia I	ssembly of the multipole connect	ors.		
	BVS 03 ATEX 184 X				
	- 10 00 11 - 10 11 11 11 11 11 11 11 11 11 11 11 11				
	EN 60070 0,2006 EN 60070 11,2007 EN	NI EUSUS-SUUU			
	EN 60079-0:2006 EN 60079-11:2007 EN For assembly instructions, see page 282 and 29	N 50303:2000			

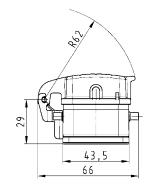
Bases

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	М	Part No.	P.U.
Hoods, size 24Ex	Housing, die cast zinc alloy			
∟ateral cable entry M25				
with threaded collar	EX GOT GA 24 M25 09IA Z1	25	70.350.2436.1	1
with strain relief, IP54 ➡IØI➡ 14 – 20 mm	EX GOT GA 24 M25 09IA Z3	25	70.350.2436.3	1
Lateral cable entry M32				
with threaded collar	EX GOT GA 24 M32 09IA Z1	32	70.353.2436.1	1
with strain relief, IP54 +IØI⊷ 21 – 28.5 mm	EX GOT GA 24 M32 09IA Z3	32	70.353.2436.3	1
Гор cable entry M25	EV 007 00 04 M05 0014 74	0.5	70.050.0400.4	
with threaded collar	EX GOT GC 24 M25 09IA Z1	25	70.352.2436.1	1
vith strain relief, IP54 •IØI⊷ 14 – 20 mm	EX GOT GC 24 M25 09IA Z3	25	70.352.2436.3	1
Top cable entry M32	EV 0.0T 0.0 0.4 M.00 0.01 0.74	00	70.054.0400.4	
vith threaded collar	EX GOT GC 24 M32 09IA Z1	32	70.354.2436.1	1
vith strain relief, IP54 +IØI⊷ 21 – 28.5 mm	EX GOT GC 24 M32 09IA Z3	32	70.354.2436.3	1
00 V Hoods, size 24Ex				
with Locking levers without gasket Lateral cable entry M25				
vith threaded collar, with Locking levers	EX GOT GD 24 M25 09IA Z1	25	70.355.2436.1	1
with strain relief, IP54				
•IØI← 14 – 20 mm, with Locking levers	EX GOT GD 24 M25 09IA Z3	25	70.355.2436.3	1
ateral cable entry M32	EV 007 0D 01 1100 001: -:	0.0	70.050.0400	
vith threaded collar, with Locking levers	EX GOT GD 24 M32 09IA Z1	32	70.358.2436.1	1
vith strain relief, IP54 •IØI⊷ 21 – 28.5 mm, with Locking levers	EX GOT GD 24 M32 09IA Z3	32	70.358.2436.3	1
op cable entry M25	EV 00T 0F 04 M0F 0014 74	٥٢	70.057.0400.4	1
vith threaded collar, with Locking levers	EX GOT GF 24 M25 09IA Z1	25	70.357.2436.1	T
vith strain relief, IP54 +IØI⊷ 14 – 20 mm, with Locking levers	EX GOT GC 24 M25 09IA Z3	25	70.357.2436.3	1
op cable entry M32				
vith threaded collar, with Locking levers	EX GOT GF 24 M32 09IA Z1	32	70.359.2436.1	1
with strain relief, IP54 →IØI— 21 – 28.5 mm, with Locking levers	EX GOT GF 24 M32 09IA Z3	32	70.359.2436.3	1
Multipole connectors for cable-to-cable				
couplings with Locking levers and gasket _ateral cable entry M25				
with strain relief, IP54 →ØI− 14 – 20 mm	EX GOT GS 24 M25 09IA Z4	25	99.737.3329.7	5
Lateral cable entry M32				
vith strain relief, IP54 •lØI⊷ 21 – 28.5 mm	EX GOT GS 24 M32 09IA Z4	32	99.738.3329.7	5
Top cable entry M25				
vith strain relief, IP54 +IØI← 14 – 20 mm	EX GOT GR 24 M25 09IA Z4	25	99.747.3329.7	4
Гор cable entry M32				
vith strain relief, IP54	EX GOT GR 24 M32 09IA Z4	32	99.748.3329.7	4
→IØI 21 – 28.5 mm	2201 32132 301/124	0_	2277 10.0020.7	

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

Contact inserts
See the product matrix

Page 24-25

Special conditions for safe use:

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

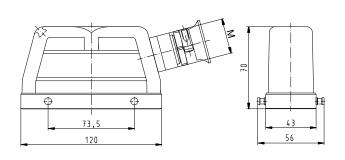
See section "facts & DATA" for handling and assembly of the multipole connectors. 0344 s I M1 Ex ia I

BVS 03 ATEX 184 X

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

Hoods

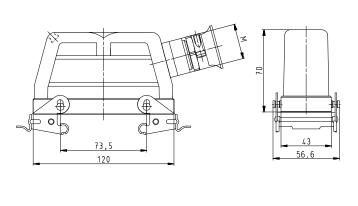
Lateral cable entry

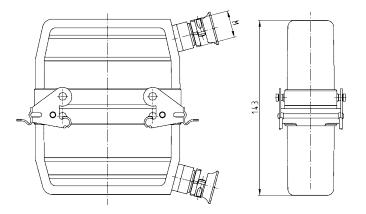


Multipole connectors for cable-to-cable couplings

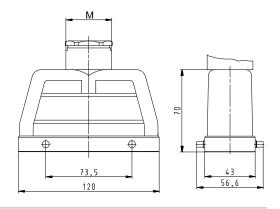
with Locking levers and gasket

Lateral cable entry



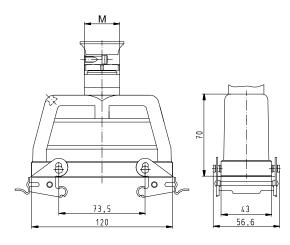


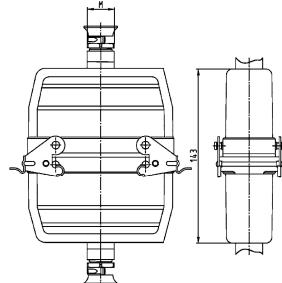
Top cable entry



Multipole connectors for cable-to-cable couplings

with Locking levers and gasket









Bases, double locking lever Size 24Ex

Bases Size 24Ex



open without cover



closed 1 cable gland



closed 1 cable gland, bottom without cover



Description	Туре	М	Part No.	P.U.
Bases, size 24Ex	Housing, die cast zinc allo	,		
Open-bottom base	J			
without cover	EX GUT GA 24 09IA Z		70.320.2428.9	1
with cover, without Locking levers	EX GUT GE 24 09IA Z		70.325.2428.9	1
cover with gasket, without Locking levers	EX GUT GX 24 09IA Z		99.704.3329.7	10
Closed-bottom base				
2 cable glands, 2 x M25				
without cover				
with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GB 24 M25 09IA Z0	25	70.330.2436.0	1
with cover, without Locking levers				
with cable gland, IP54, →IØI⊷ 7.5 – 19 mm	EX GUT GF 24 M25 09IA Z0	25	70.340.2436.0	1
1 cable gland, left, 1 x M25				
without cover				
with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GC 24 M25 09IA Z0	25	70.331.2436.0	1
with cover, without Locking levers				
with cable gland, IP54, →IØI- 7.5 – 19 mm	EX GUT GG 24 M25 09IA Z0	25	70.341.2436.0	1
1 cable gland, bottom, 1 x M25				
without cover				
with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GD 24 M25 09IA Z0	25	70.333.2436.0	1
with cover, without Locking levers				
with cable gland, IP54, →IØI← 7.5 – 19 mm	EX GUT GI 24 M25 09IA ZC	25	70.343.2436.0	1

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

Contact inserts

See the product matrix Page 24–25

Special conditions for safe use:

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

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

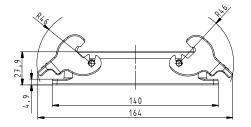
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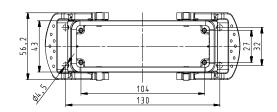
BVS 03 **ATEX** 184 X

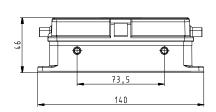
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

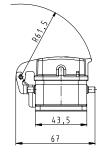
Bases

open

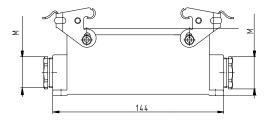


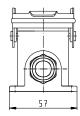




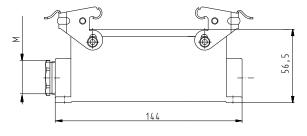


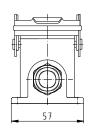
closed, 2 cable glands



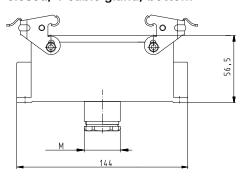


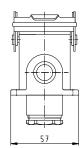
closed, 1 cable gland





closed, 1 cable gland, bottom







Hoods, single locking lever, Size 48Ex

Hoods Size 48Ex



Lateral cable entry



Technical data	
Material	Die cast zinc alloy
Surface	powder coated, light blue
Locking levers	-
Gasket	-
Degree of protection	
with latched locking levers	IP54
with appropriate cable glands	IP65

-20 ... +60 °C

Temperature range Contact inserts

Description

Hoods, size 48Ex

with strain relief, IP54 →IØI← 21 – 28.5 mm

with threaded collar

Top cable entry M32 with threaded collar

with strain relief, IP54 →IØI← 21 – 28.5 mm

Top cable entry M40

with threaded collar

Lateral cable entry M32 with threaded collar

Lateral cable entry M40

See the product matrix

Page 24-25

M Part No.

EX GOT GG 48 M32 09IA Z1 32 70.350.4836.1 1

EX GOT GG 48 M32 09IA Z3 32 70.350.4836.3 1

EX GOT GG 48 M40 09IA Z1 40 70.353.4836.1 1

EX GOT GI 48 M32 09IA Z1 32 70.352.4836.1 1

EX GOT GI 48 M32 09IA Z3 32 70.352.4836.3 1

EX GOT GI 48 M40 09IA Z1 40 70.354.4836.1 1

Housing, die cast zinc alloy

Top cable entry



Special conditions for safe use:

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

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

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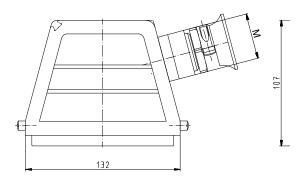
BVS 03 **ATEX** 184 X

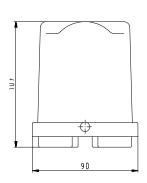
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

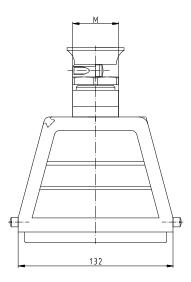


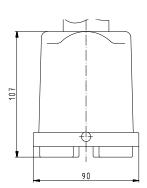
Hoods

Lateral cable entry











Bases, single locking lever, Size 48Ex

Bases Size 48Ex



open

without cover with cover



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

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

Contact inserts	
See the product matrix	Page 24–25

closed

without cover with cover



Special conditions for safe use:

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

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

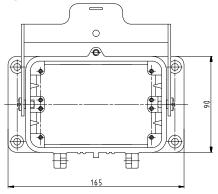
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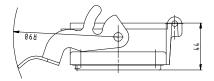
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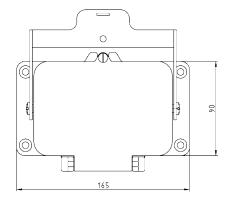
EN 60079-0:2006 EN 60079-11:2007 EN 50303:2000

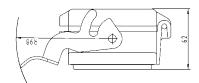
Bases

open









closed

