

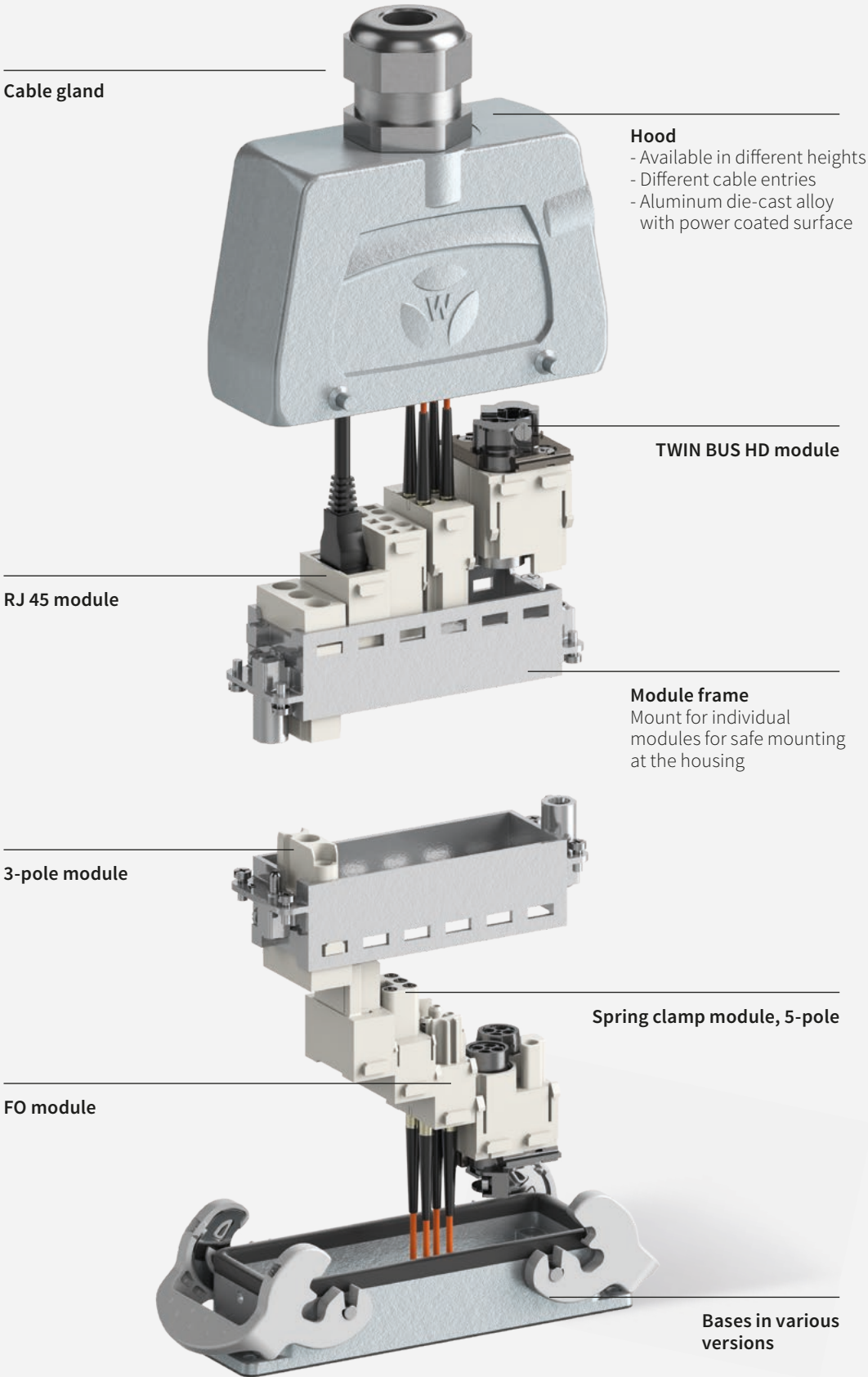


revos MODULAR

PERFECTLY CONFIGURED

Modular industrial connectors for
power, signal + communication.

REVOS MODULAR – SYSTEM DESIGN



REVOS MODULAR INDUSTRIAL CONNECTORS

Increase productivity with a fully customizable industrial connector that replaces the need for separate connections for power, signals, and communication.

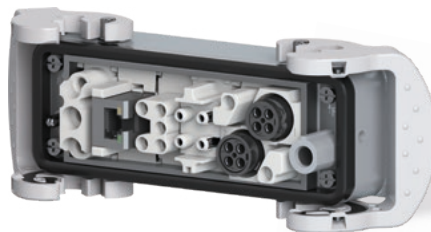
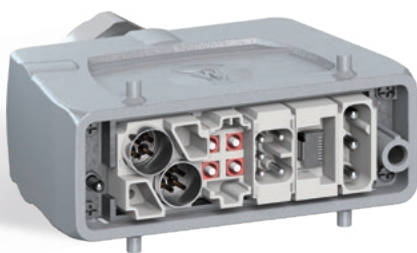
With interchangeable inserts the revos MODULAR can offer power, signal, and communication and fiber optic connections in a single adapter. Designed to reduce cabling complexity and the amount of individual connections required, this connector system is a flexible and long-term solution for modern industrial environments.

The module frame made of die-cast zinc makes it easy to assemble and disassemble the modules and is available in 4 different sizes.

The high-quality die-cast aluminum housing is powder-coated and designed for industrial use in extreme & rough environments. It provides protection against external mechanical impact, the ingress of foreign material such as dust moisture, water, oils or other liquids.

BENEFITS:

- + POWER, SIGNAL, AND COMMUNICATION IN ONE CONNECTOR
- + FASTER INSTALLATION TIMES
- + FULLY CUSTOMIZABLE
- + EASY INSTALLATION AND REMOVAL
- + REDUCED CABLING COMPLEXITY IS POSSIBLE



POWER

The power modules can handle 16 A to 40 A and 400 V to 830 V (UL to 600 V), and are available in as 3-, 4-, 5-, 8- and 20-pole versions, with crimp or spring clamp connection technology.



SIGNAL

Transmit a range of signals with these 12- and 17-pole modules, for 10 A and 160 V up to 250 V (UL 600 V) with crimp connection technology.



COMMUNICATION

Whether you have a standard Ethernet, fast fiber optic, or a shielded cable connection, we've got you covered.

REVOS MODULAR · MODULAR INSERTS

Axial-Connection, screw connection



Male insert



Female insert

Description	Type	Part No.	P.U.
Modular insert revos MODULAR	3-pole		
Male insert	MOD STS 3 6 69 AG (2.5 – 6 mm ²)	78.115.4056.0	10
Female insert	MOD BUS 3 6 69 AG (2.5 – 6 mm ²)	78.105.4056.0	10
Male insert	MOD STS 3 10 69 AG (6 – 10 mm ²)	78.115.4156.0	10
Female insert	MOD BUS 3 10 69 AG (6 – 10 mm ²)	78.105.4156.0	10

TECHNICAL DATA

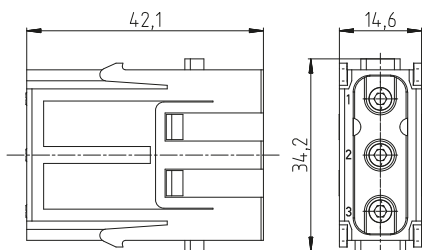
Rated voltage	690 V
Rated voltage according to UL	600 V
Rated impulse voltage	8 kV
Rated current	40 A
Degree of pollution	3
Insulation strip length	see below
Contact resistance	≤ 1 mΩ
Mating cycles	500
Insulating material	Polycarbonate, halogen-free
Flammability	UL 94 V-0
Temperature range	-40 °C...+120 °C

ACCESSORIES	Type	Part No.	P.U.
Axial screwdriver	POW AXIALSHR ISK SW 2	05.502.4500.0	1

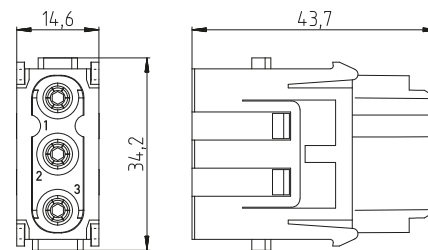
Conductor	2.5 mm ²	4 mm ²	6 mm ²	10 mm ²
Stripping Length	5+1	5+1	8+1	11+1
Tightening torque	1.5 Nm	1.5 Nm	2 Nm	2 Nm

DIMENSIONS

Male insert



Female insert



DERATING CURVE

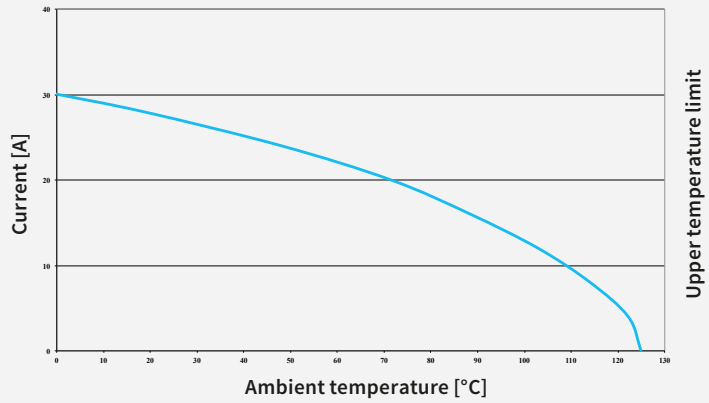
according to DIN EN 60512-5-2

Stand: 2003-1

revos MODULAR

equipped with 6 modules 78.105.4056.0
and 78.115.4056.0

— Cable cross section 4 mm²



DERATING CURVE

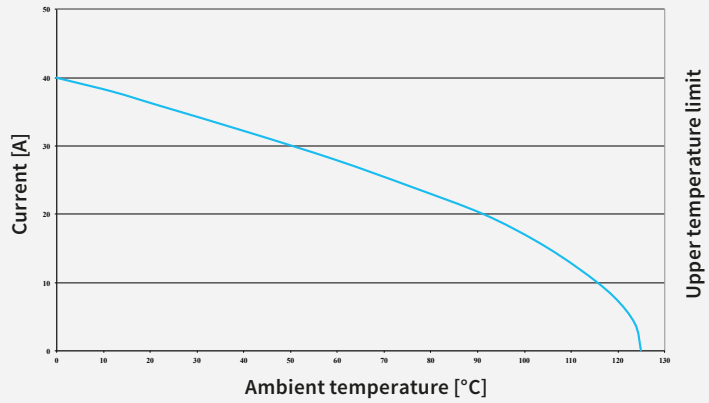
according to DIN EN 60512-5-2

Stand: 2003-1

revos MODULAR

equipped with 6 modules 78.105.4056.0
and 78.115.4056.0

— Cable cross section 6 mm²



DERATING CURVE

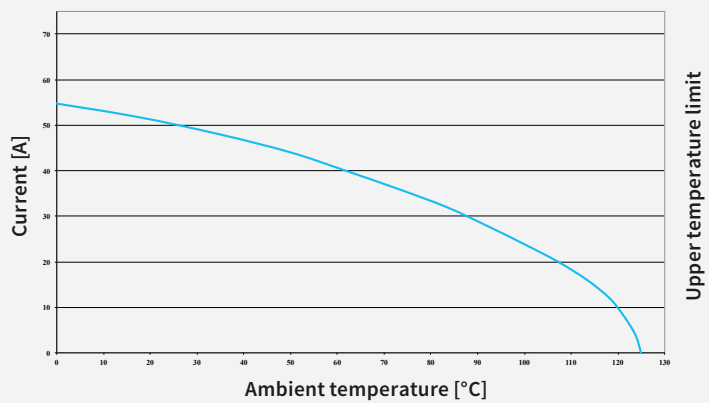
according to DIN EN 60512-5-2

Stand: 2003-1

revos MODULAR

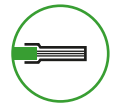
equipped with 6 modules 78.105.4156.0
and 78.115.4156.0

— Cable cross section 10 mm²



REVOS MODULAR · MODULAR INSERTS

3-pole, crimp connection



Male insert



Female insert

Description	Type	Part No.	P.U.
Modular insert revos MODULAR	3-pole		
Male insert	MOD STC 3 50	78.014.4056.0	10
Female insert	MOD BUC 3 50	78.004.4056.0	10

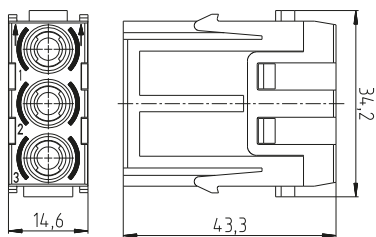
Contacts	mm ² / AWG, turned Ø 4 mm		
Male contact, Ag	1.5 / 16	05.545.9200.8	100
Female contact, Ag	1.5 / 16	02.126.6700.8	100
Male contact, Ag	2.5 / 14	05.545.9300.8	100
Female contact, Ag	2.5 / 14	02.126.6800.8	100
Male contact, Ag	6.0 / 10	05.545.9500.8	100
Female contact, Ag	6.0 / 10	02.126.7000.8	100

TECHNICAL DATA	
Rated voltage	500 V
Rated voltage as per UL	600 V
Rated impulse voltage	6 kV
Rated current	40 A
Pollution degree	3
Insulation strip length	9.0 mm (conductor cross-section 1.5 mm ² / AWG 16 + 2.5 mm ² / AWG 14) 9.6 mm (conductor cross-section 6.0 mm ² / AWG 10)
Contact resistance	≤ 1 mΩ
Mating cycles	500
Isolation material	Polycarbonate
Combustibility	UL 94 V-0
Temperature range	-40 °C...+120 °C

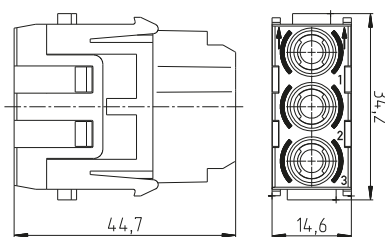
ACCESSORIES	Type	Part No.	P.U.
Crimping tool		95.101.0800.0	1
Crimping die	"H"	05.502.5000.0	1
Crimping die	"D" for 05.545.9500.8	05.502.2300.0	1
Contact positioner	"6"	05.502.5200.0	1
Extraction tool		05.502.4400.0	1

DIMENSIONS

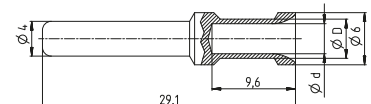
Male insert



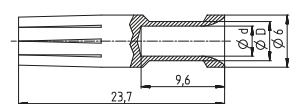
Female insert



Male contact



Female contact



DERATING CURVE

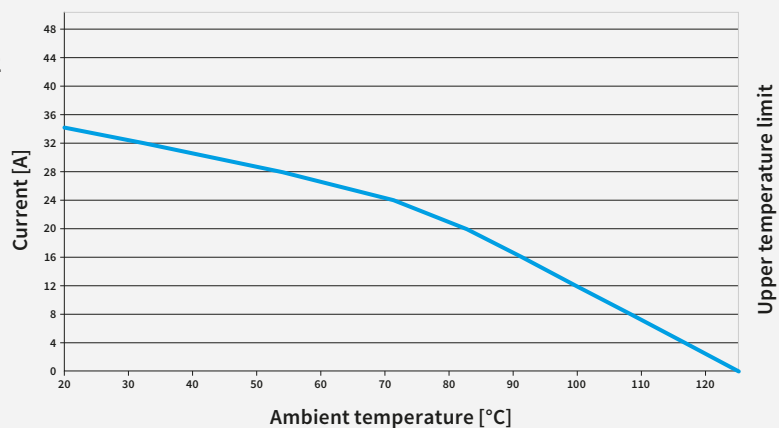
in compliance with DIN EN 60512-5-2

Last updated: 2003-1

revos MODULAR

Housing size 24

equipped with 6 modules 78.014.4056.0 and 78.004.4056 and Ø 4.0 mm contacts with a rated cross-section of 6.0 mm²



REVOS MODULAR · MODULAR INSERTS

4-pole, crimp connection



Male insert



Female insert

Description	Type	Part No.	P.U.
Modular insert revos MODULAR	4-pole		
Male insert	MOD STC 4 83	78.014.4156.0	10
Female insert	MOD BUC 4 83	78.004.4156.0	10

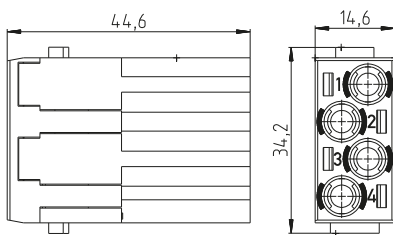
Contacts	mm ² / AWG, turned Ø 4 mm		
Male contact, Ag	1.5 / 16	05.545.9200.8	100
Female contact, Ag	1.5 / 16	02.126.6700.8	100
Male contact, Ag	2.5 / 14	05.545.9300.8	100
Female contact, Ag	2.5 / 14	02.126.6800.8	100
Male contact, Ag	6.0 / 10	05.545.9500.8	100
Female contact, Ag	6.0 / 10	02.126.7000.8	100

TECHNICAL DATA	
Rated voltage	830 V
Rated voltage as per UL	600 V
Rated impulse voltage	8 kV
Rated current	40 A
Pollution degree	2
Insulation strip length	9.0 mm (conductor cross-section 1.5 mm ² / AWG 16 + 2.5 mm ² / AWG 14) 9.6 mm (conductor cross-section 6.0 mm ² / AWG 10)
Contact resistance	≤ 1 mΩ
Mating cycles	500
Isolation material	Polycarbonate
Combustibility	UL 94 V-0
Temperature range	-40 °C...+120 °C

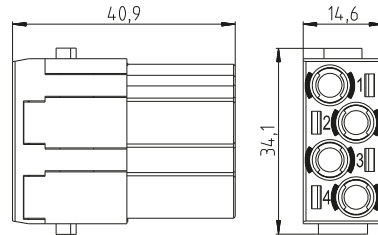
ACCESSORIES	Type	Part No.	P.U.
Crimping tool		95.101.0800.0	1
Crimping die	"H"	05.502.5000.0	1
Crimping die	"D" for 05.545.9500.8	05.502.2300.0	1
Contact positioner	"6"	05.502.5200.0	1
Extraction tool		05.502.4400.0	1

DIMENSIONS

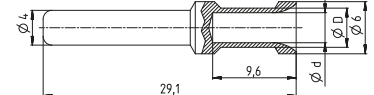
Male insert



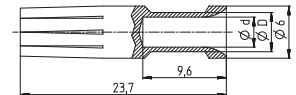
Female insert



Male contact



Female contact



DERATING CURVE

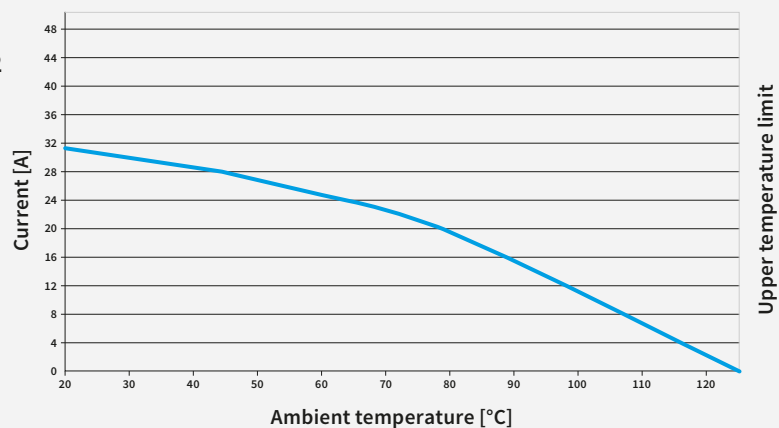
in compliance with DIN EN 60512-5-2

Last updated: 2003-1

revos MODULAR

Housing size 24

equipped with 6 modules 78.014.4156.0 and 78.004.4156.0 and Ø 4.0 mm contacts with a rated cross-section of 6.0 mm²



REVOS MODULAR · MODULAR INSERTS

5-pole, spring clamp connection



Male insert



Female insert

Description	Type	Part No.	P.U.
Modular insert revos MODULAR	5-pole		
Male insert	MOD STF 5 2,5 40 AG	78.213.4056.0	10
Female insert	MOD BUF 5 2,5 40 AG	78.203.4056.0	10

TECHNICAL DATA

Rated voltage	L-PG 230 V / L-L 400 V
Rated voltage as per UL	600 V
Rated impulse voltage	4 kV
Rated current	16A
Pollution degree	2
Insulation strip length	7.0 mm – 9.0 mm

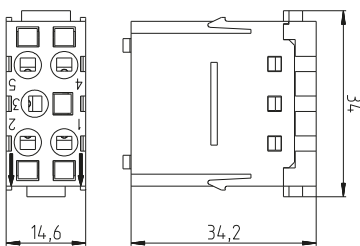
Rated cross-section

EN 60999	0.14 – 2.5 mm ²
UL	26 - 14 AWG
Mating cycles	500
Contact resistance	≤ 3 mΩ
Isolation material	Polycarbonate
Combustibility	UL 94 V-0
Temperature range	-40 °C...+120 °C

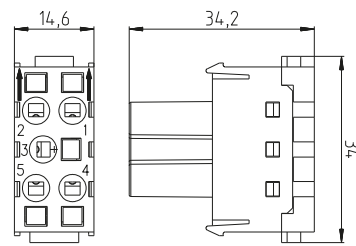
ACCESSORIES	Type	Part No.	P.U.
Screwdriver	DIN 5264 A 0.6X3.5 mm	06.502.4000.0	5

DIMENSIONS

Male insert



Female insert



DERATING CURVE

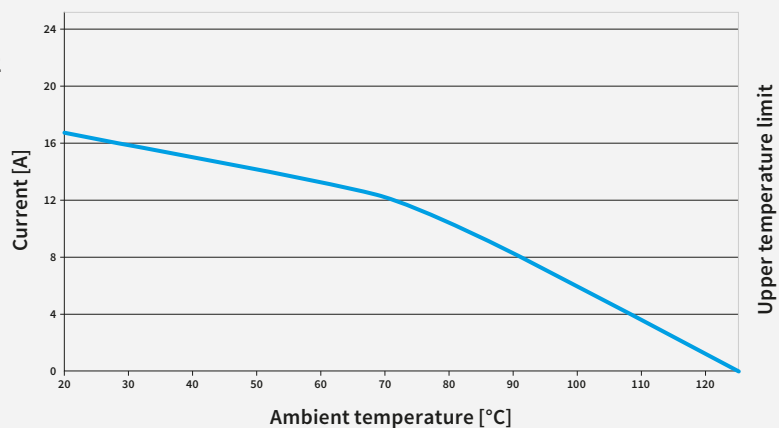
in compliance with DIN EN 60512-5-2

Last updated: 2003-1

revos MODULAR

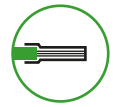
Housing size 24

equipped with 6 modules 78.213.4056.0 and 78.203.4056.0 and Ø 2.5 mm contacts with a rated cross-section of 2.5 mm²



REVOS MODULAR · MODULAR INSERTS

8-pole, crimp connection



Male insert



Female insert

Description	Type	Part No.	P.U.
Modular insert revos MODULAR	8-pole		
Male insert	MOD STC 8 40	78.013.4056.0	10
Female insert	MOD BUC 8 40	78.003.4056.0	10

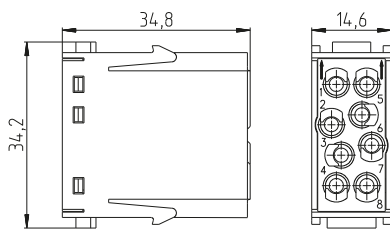
Contacts	mm ² / AWG, turned Ø 2.5 mm		
Male contact, Ag	0.5 / 20	05.545.8600.8	100
Female contact, Ag	0.5 / 20	02.126.6100.8	100
Male contact, Ag	0.75 / 18	05.545.8700.8	100
Female contact, Ag	0.75 / 18	02.126.6200.8	100
Male contact, Ag	1.0 / 18	05.545.8800.8	100
Female contact, Ag	1.0 / 18	02.126.6300.8	100
Male contact, Ag	1.5 / 16	05.545.8900.8	100
Female contact, Ag	1.5 / 16	02.126.6400.8	100
Male contact, Ag	2.5 / 14	05.545.9000.8	100
Female contact, Ag	2.5 / 14	02.126.6500.8	100
Male contact, Ag	4.0 / 12	05.545.9100.8	100
Female contact, Ag	4.0 / 12	02.126.6600.8	100

TECHNICAL DATA	
Rated voltage	400V
Rated voltage as per UL	600 V
Rated impulse voltage	6 kV
Rated current	16A
Pollution degree	3
Insulation strip length	7,5 mm
Contact resistance	≤ 1 mΩ
Mating cycles	500
Isolation material	Polycarbonate
Combustibility	UL 94 V-0
Temperature range	-40 °C...+120 °C

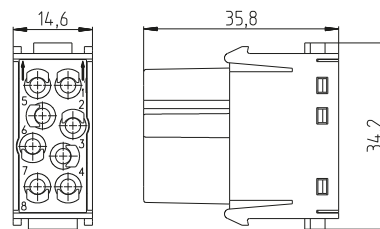
ACCESSORIES	Type	Part No.	P.U.
Crimping tool		95.101.0800.0	1
Crimping die	"G"	05.502.4900.0	1
Contact positioner	"5"	05.502.5100.0	1
Extraction tool		05.502.3500.0	1

DIMENSIONS

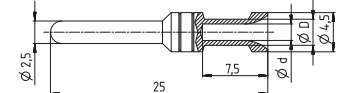
Male insert



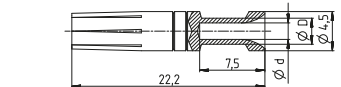
Female insert



Male contact



Female contact



DERATING CURVE

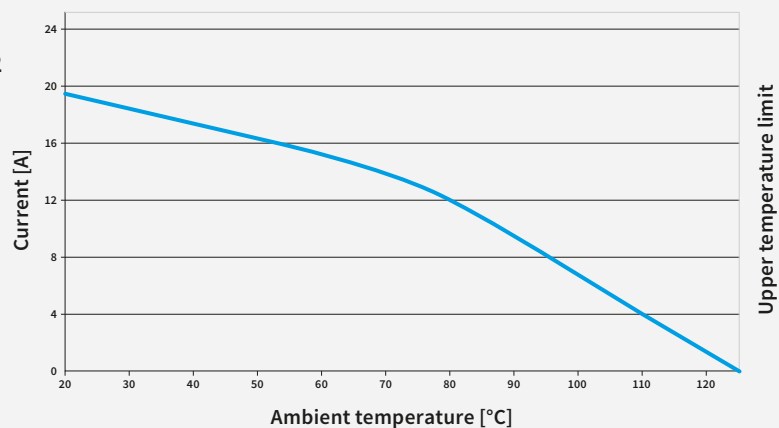
in compliance with DIN EN 60512-5-2

Last updated: 2003-1

revos MODULAR

Housing size 24

equipped with 6 modules 78.013.4056.0 and 78.003.4056.0 and Ø 2.5 mm contacts with a rated cross-section of 2.5 mm²



REVOS MODULAR · MODULAR INSERTS

12-pole, crimp connection



Male insert



Female insert

Description	Type	Part No.	P.U.
Modular insert revos MODULAR	12 pole		
Male insert	MOD STC 12 25	78.012.4056.0	1
Female insert	MOD BUC 12 25	78.002.4056.0	1
Contacts	mm² / AWG, turned Ø 1.6 mm		
Male contact, Ag	0.14 - 0.37 / 26 - 22	05.545.7900.8	1
Female contact, Ag	0.14 - 0.37 / 26 - 22	02.126.5400.8	1
Male contact, Ag	0.5 / 20	05.545.8000.8	1
Female contact, Ag	0.5 / 20	02.126.5500.8	1
Male contact, Ag	0.75 / 18	05.545.8100.8	1
Female contact, Ag	0.75 / 18	02.126.5600.8	1
Male contact, Ag	1.0 / 18	05.545.8200.8	1
Female contact, Ag	1.0 / 18	02.126.5700.8	1
Male contact, Ag	1.5 / 16	05.545.8300.8	1
Female contact, Ag	1.5 / 16	02.126.5800.8	1

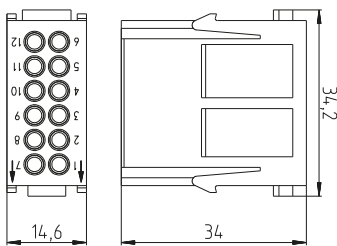
TECHNICAL DATA

Rated voltage	250 V
Rated voltage as per UL	600 V
Rated impulse voltage	4 kV
Rated current	10 A
Pollution degree	3
Insulation strip length	8.0 mm
Contact resistance	≤ 3 mΩ
Mating cycles	500
Isolation material	Polycarbonate
Combustibility	UL 94 V-0
Temperature range	-40 °C...+120 °C
Certificates / approvals	cRUus

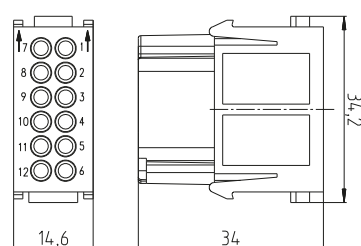
ACCESSORIES	Type	Part No.	P.U.
Crimping tool		95.101.0800.0	1
Crimping die	"G"	05.502.4900.0	1
Contact positioner	"5"	05.502.5100.0	1
Extraction tool		05.502.0710.0	1

DIMENSIONS

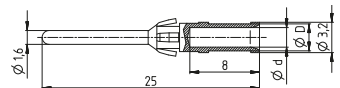
Male insert



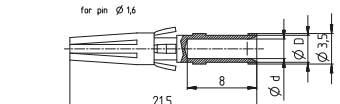
Female insert



Male contact



Female contact



DERATING CURVE

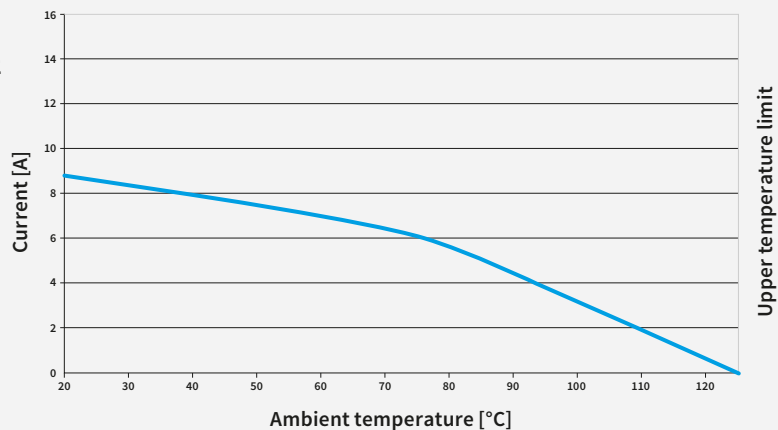
in compliance with DIN EN 60512-5-2

Last updated: 2003-1

revos MODULAR

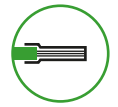
Housing size 24

equipped with 6 modules 78.012.4056.0 and 78.002.4056.0 and Ø 1.6 mm contacts with a rated cross-section of 1.5 mm²



REVOS MODULAR · MODULAR INSERTS

17-pole, crimp connection



Male insert



Female insert

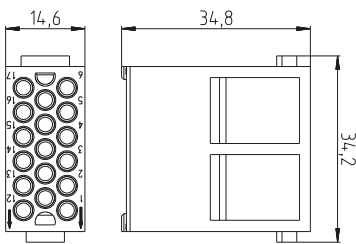
Description	Type	Part No.	P.U.
Modular insert revos MODULAR	17 pole		
Male insert	MOD STC 17 16	78.012.4156.0	10
Female insert	MOD BUC 17 16	78.002.4156.0	10
Contacts	mm² / AWG, turned Ø 1.6 mm		
Male contact, Ag	0.14 - 0.37 / 26 - 22	05.545.7900.8	100
Female contact, Ag	0.14 - 0.37 / 26 - 22	02.126.5400.8	100
Male contact, Ag	0.5 / 20	05.545.8000.8	100
Female contact, Ag	0.5 / 20	02.126.5500.8	100
Male contact, Ag	0.75 / 18	05.545.8100.8	100
Female contact, Ag	0.75 / 18	02.126.5600.8	100
Male contact, Ag	1.0 / 18	05.545.8200.8	100
Female contact, Ag	1.0 / 18	02.126.5700.8	100
Male contact, Ag	1.5 / 16	05.545.8300.8	100
Female contact, Ag	1.5 / 16	02.126.5800.8	100

TECHNICAL DATA	
Rated voltage	160 V
Rated voltage as per UL	600 V
Rated impulse voltage	2.5 kV
Rated current	10 A
Pollution degree	2
Insulation strip length	8.0 mm
Contact resistance	≤ 3 mΩ
Mating cycles	500
Isolation material	Polycarbonate
Combustibility	UL 94 V-0
Temperature range	-40 °C...+120 °C

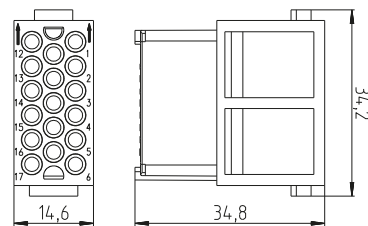
ACCESSORIES	Type	Part No.	P.U.
Crimping tool		95.101.0800.0	1
Crimping die	"G"	05.502.4900.0	1
Contact positioner	"5"	05.502.5100.0	1
Extraction tool		05.502.0710.0	1

DIMENSIONS

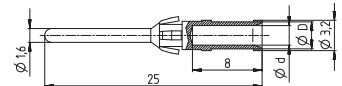
Male insert



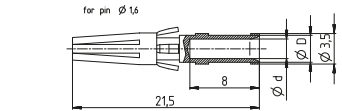
Female insert



Male contact



Female contact



DERATING CURVE

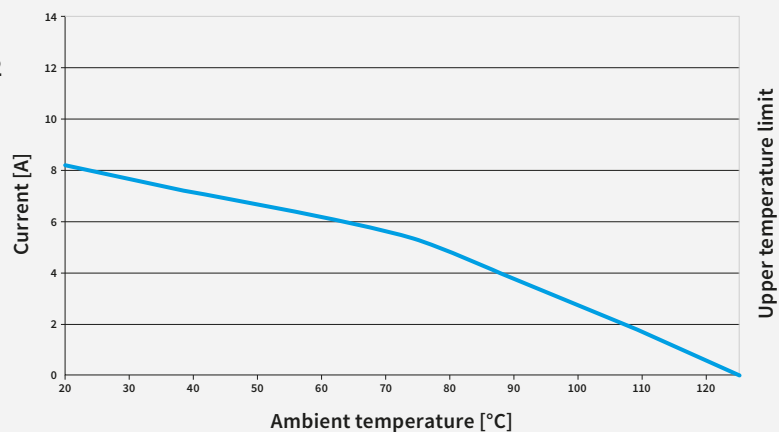
in compliance with DIN EN 60512-5-2

Last updated: 2003-1

revos MODULAR

Housing size 24

equipped with 6 modules 78.012.4156.0 and 78.002.4156.0 and Ø 1.6 mm contacts with a rated cross-section of 1.5 mm²



REVOS MODULAR · MODULAR INSERTS

20-pole, crimp connection



Male insert



Female insert

Description	Type	Part No.	P.U.
Modular insert revos MODULAR	20-pole		
Male insert	MOD STC 20 50	78.013.4156.0	10
Female insert	MOD BUC 20 50	78.003.4156.0	10

Contacts	mm ² / AWG, turned Ø 2.5 mm		
Male contact, Ag	0.5 / 20	05.545.8600.8	100
Female contact, Ag	0.5 / 20	02.126.6100.8	100
Male contact, Ag	0.75 / 18	05.545.8700.8	100
Female contact, Ag	0.75 / 18	02.126.6200.8	100
Male contact, Ag	1.0 / 18	05.545.8800.8	100
Female contact, Ag	1.0 / 18	02.126.6300.8	100
Male contact, Ag	1.5 / 16	05.545.8900.8	100
Female contact, Ag	1.5 / 16	02.126.6400.8	100
Male contact, Ag	2.5 / 14	05.545.9000.8	100
Female contact, Ag	2.5 / 14	02.126.6500.8	100
Male contact, Ag	4.0 / 12	05.545.9100.8	100
Female contact, Ag	4.0 / 12	02.126.6600.8	100

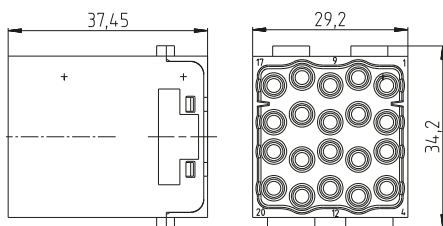
TECHNICAL DATA

Rated voltage	500 V
Rated voltage as per UL	600 V
Rated impulse voltage	6 kV
Rated current	16A
Pollution degree	3
Insulation strip length	7,5 mm
Contact resistance	≤ 1 mΩ
Mating cycles	500
Isolation material	Polycarbonate
Combustibility	UL 94 V-0
Temperature range	-40 °C...+120 °C

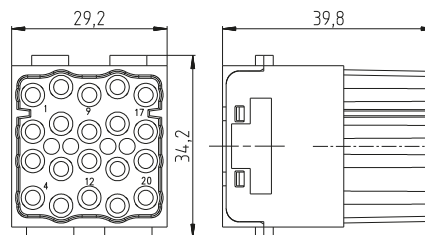
ACCESSORIES	Type	Part No.	P.U.
Crimping tool		95.101.0800.0	1
Crimping die	"G"	05.502.4900.0	1
Contact positioner	"5"	05.502.5100.0	1
Extraction tool		05.502.3500.0	1

DIMENSIONS

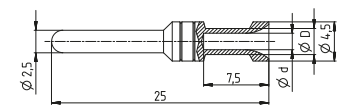
Male insert



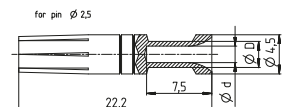
Female insert



Male contact



Female contact



DERATING CURVE

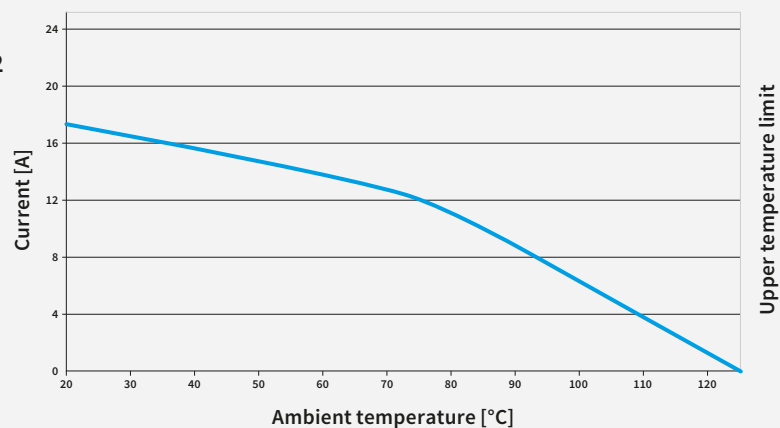
in compliance with DIN EN 60512-5-2

Last updated: 2003-1

revos MODULAR

Housing size 24

equipped with 3 modules 78.013.4156.0 and 78.003.4156.0 and Ø 2.5 mm contacts with a rated cross-section of 4.0 mm²



REVOS MODULAR · MODULAR INSERTS

Blank module

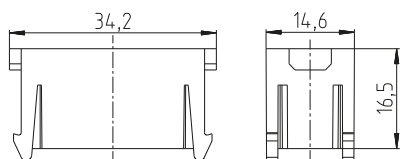


Description	Type	Part No.	P.U.
Modular insert revos MODULAR	Blank module		
Blank module	MOD DUMMY	78.990.4056.0	10

TECHNICAL DATA	
Isolation material	Polycarbonate
Combustibility	UL 94 V-0
Temperature range	-40 °C...+120 °C

DIMENSIONS

Blank module



REVOS MODULAR · MODULAR INSERTS

TWIN BUS HD, 4-pole + Shielded braid, crimp connection



Male insert



Female insert



Male insert for contact carrier



Female insert for contact carrier



Potential adapter

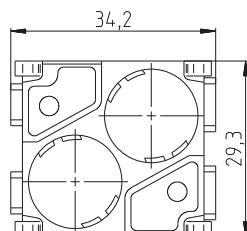
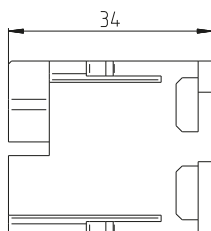
Description	Type	Part No.	P.U.
Modular insert revos MODULAR	Twin Bus HD		
Male insert	MOD STX 2 05	78.019.4056.0	10
Female insert	MOD BUX 2 05	78.009.4056.0	10
Male contact for contact carrier	MOD STKT 4 05	Z6.562.7456.0	1
Female contact for contact carrier	MOD BUKT 4 05	Z6.562.7356.0	1
Potential adapter	MOD ZBH	Z6.562.7521.0	10
Contacts	mm² / AWG, turned Ø 1.6 mm		
Male contact, Ag	0.14 - 0.37 / 26 - 22	05.545.7900.8	100
Female contact, Ag	0.14 - 0.37 / 26 - 22	02.126.5400.8	100
Male contact, Ag	0.5 / 20	05.545.8000.8	100
Female contact, Ag	0.5 / 20	02.126.5500.8	100
Male contact, Ag	0.75 / 18	05.545.8100.8	100
Female contact, Ag	0.75 / 18	02.126.5600.8	100
Male contact, Ag	1.0 / 18	05.545.8200.8	100
Female contact, Ag	1.0 / 18	02.126.5700.8	100
Male contact, Ag	1.5 / 16	05.545.8300.8	100
Female contact, Ag	1.5 / 16	02.126.5800.8	100

TECHNICAL DATA	
Rated voltage	50 V
Rated voltage as per UL	50 V
Rated impulse voltage	0.8 kV
Rated current	10 A
Pollution degree	3
Number of contacts	0.8 kV
Screen	Screen is attached to the contact carrier through the cable clip
Outside diameter of the screened cable	3 mm - 6 mm / 6 mm - 9.5 mm
Insulation strip length	8 mm
Contact resistance	≤ 4 mΩ
Insulation resistance	≥ 10 ¹⁰ Ω
Mating cycles	500
Isolation material	Polycarbonate
Combustibility	UL 94 V-0
Temperature range	-40 °C...+120 °C

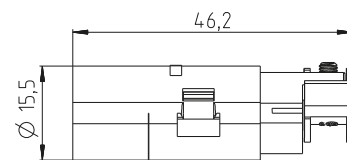
ACCESSORIES	Type	Part No.	P.U.
Crimping tool		95.101.0800.0	1
Crimping die	"G"	05.502.4900.0	1
Contact positioner	"5"	05.502.5100.0	1
Extraction tool		05.502.0710.0	1

DIMENSIONS

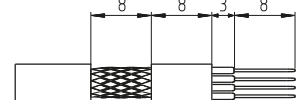
Male insert



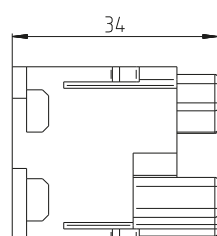
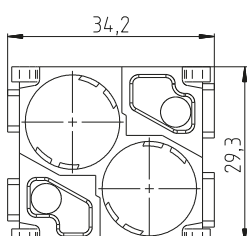
Male contact for contact carrier



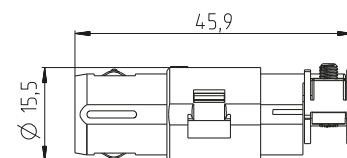
Insulation strip length



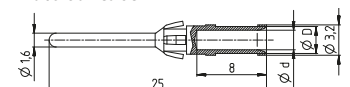
Female insert



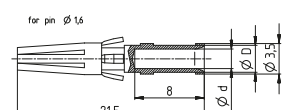
Female contact for contact carrier



Male contact



Female contact



REVOS MODULAR · MODULAR INSERTS

SC module, 4-pole



SC Male insert



SC Female insert



SC contact

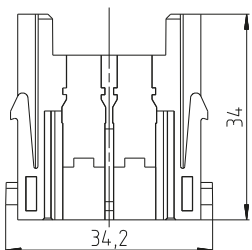
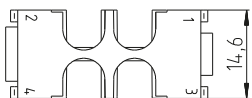
Description	Type	Part No.	P.U.
Modular insert revos MODULAR	SC module		
Male insert SC module	MOD STL LWL SC 4	78.930.4256.0	10
Female insert SC module	MOD BUL LWL SC 4	78.920.4256.0	10
Adapter			

TECHNICAL DATA	
Number of contacts	4
Insertion loss	< 0.5 dB
For GI fiber	50 - 62.5 /125 µm
Mating cycles	500
Isolation material	Polycarbonate
Combustibility	UL 94 V-0
Temperature range	-40 °C...+120 °C

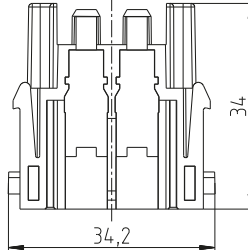
ACCESSORIES	Type	Part No.	P.U.
SC contact	MOD ZBH LWL SC	78.990.4256.0	1

DIMENSIONS

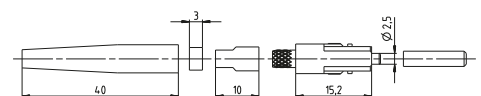
SC Male insert



SC Female insert



SC contact



REVOS MODULAR · MODULAR INSERTS

RJ 45



Male insert for adapter



Adapter for RJ 45 patch cable



RJ 45, Female insert

Description	Type	Part No.	P.U.
Modular insert revos MODULAR	RJ 45		
Male insert RJ 45	MOD ST RJ 45	78.930.4156.0	10
Adapter for male insert RJ 45	MOD ZBH RJ 45	78.990.4156.0	10
Female insert RJ 45	MOD BU RJ 45	78.920.4156.0	10

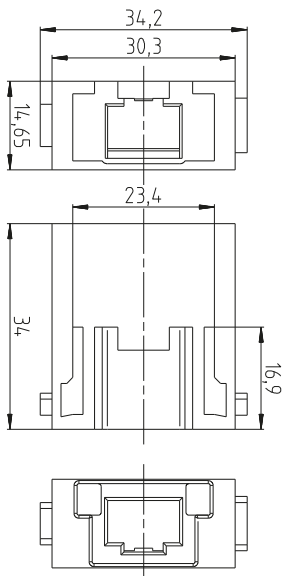
TECHNICAL DATA

Number of contacts	8
Rated voltage	50 V
Rated voltage as per UL	< 30 V
Rated impulse voltage	0.8 kV
Rated current	1 A
Pollution degree	3
Transmission characteristics	Category 6 for Class E _A
Data rate	10/100/1000 Mbps
Mating cycles	500
Isolation material	Polycarbonate
Combustibility	UL 94 V-0
Temperature range	-40 °C...+120 °C

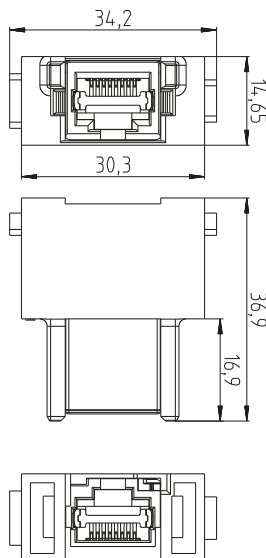
Male insert for adapter and adapter for RJ 45 patch cable are installed together. See picture on next page.

DIMENSIONS

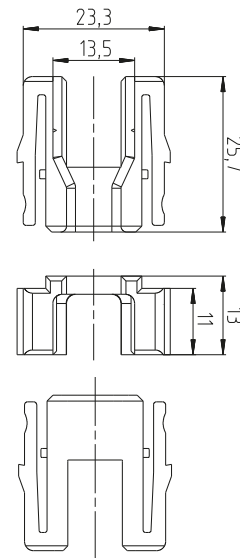
Male insert



Female insert



Adapter



REVOS MODULAR · MODULAR INSERTS

RJ 45 patch cable



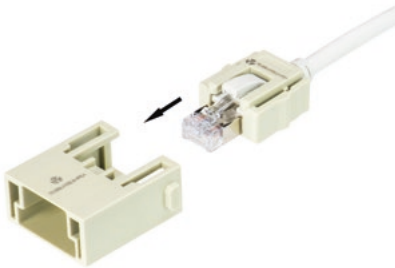
RJ 45 cable assembly

Description	Type	Part No.	P.U.
900 MHz PiMF cable, on both sides with screened RJ 45 connectors			
RJ 45 patch cable - 0.25 m	MOD ZBH RJ 45 0.25 m	78.999.4000.0	1
RJ 45 patch cable - 0.5 m	MOD ZBH RJ 45 0.5 m	78.999.4100.0	1
RJ 45 patch cable - 1.0 m	MOD ZBH RJ 45 1.0 m	78.999.4200.0	1
RJ 45 patch cable - 2.0 m	MOD ZBH RJ 45 2.0 m	78.999.4300.0	1
RJ 45 patch cable - 3.0 m	MOD ZBH RJ 45 3.0 m	78.999.4400.0	1
RJ 45 patch cable - 5.0 m	MOD ZBH RJ 45 5.0 m	78.999.4500.0	1
RJ 45 patch cable - 7.5 m	MOD ZBH RJ 45 7.5 m	78.999.4600.0	1
RJ 45 patch cable - 10.0 m	MOD ZBH RJ 45 10.0 m	78.999.4700.0	1

TECHNICAL DATA

Transmission characteristics	Category 6 for Class E _A
Data rate	up to 1000 Mbps
Core design	4x2xAWG26
Cable	Cu strand, uncoated
Cable sheath	LSZH sheath
Color	grey*
Temperature limit	-10 °C...+70 °C, -5 °C...+70 °C when moving

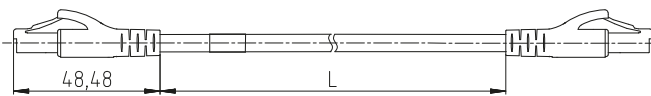
* Cable length 0.25 m - white



Installation of RJ 45 patch cable in the adapter

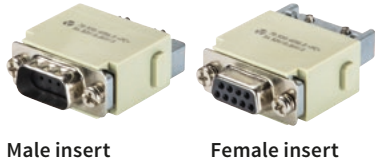
DIMENSIONS

Male insert



REVOS MODULAR · MODULAR INSERTS

D-Sub, 9-pole, crimp connection



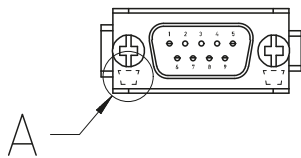
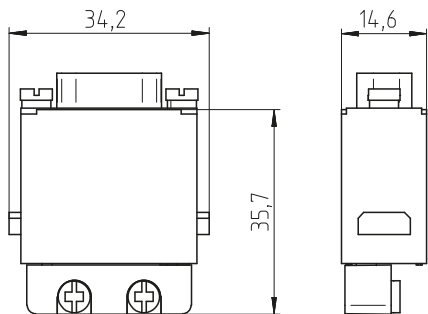
Male insert

Female insert

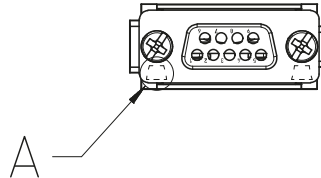
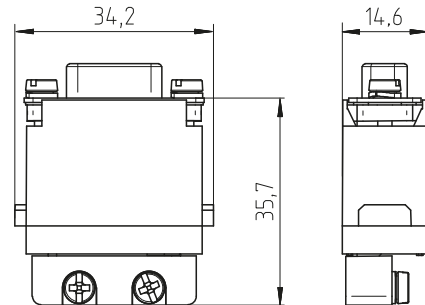
Description	Type	Part No.	P.U.
Modular insert revos MODULAR	9-polig		
Male insert	MOD STC D-SUB 9	78.930.4056.0	10
Female insert	MOD BUC D-SUB 9	78.920.4056.0	10
Contacts	mm ² / AWG, turned \varnothing 1 mm		
Male insert, Ag	0.52 – 0.82 / 20 – 18	05.546.4300.8	100
Female insert, Ag	0.52 – 0.82 / 20 – 18	02.127.1500.8	100
Male insert, Au	0.52 – 0.82 / 20 – 18	05.546.4300.7	100
Female insert, Au	0.52 – 0.82 / 20 – 18	02.127.1500.7	100
TECHNICAL DATA			
Rated voltage	50 V		
Rated impulse voltage	0,8 kV		
Rated current	5 A		
Degree of pollution	3		
Insulation strip length	5 mm		
Contact resistance	\leq 3 m Ω		
Mating cycles	500		
Insulating material	Polycarbonate, halogen-free		
Flammability	UL 94 V-0		
Temperature range	-40 °C...+120 °C		
ACCESSORIES			
Crimping tool		95.101.2800.0	1
Extraction tool	revos MOD D-SUB	05.502.3000.0	1

DIMENSIONS

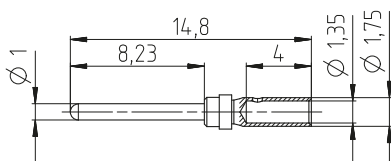
Male insert



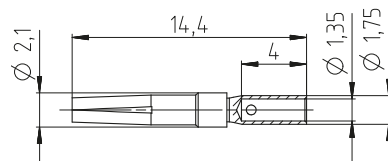
Female insert



Male insert



Female insert



REVOS MODULAR · MODULE FRAME



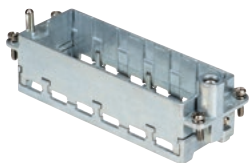
2 slots



3 slots



4 slots



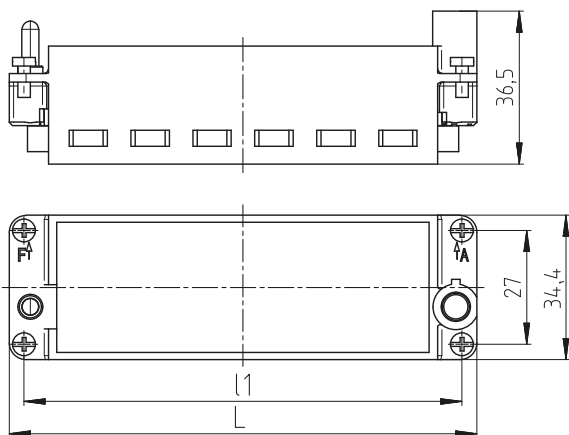
6 slots

Description	Type	Part No.	P.U.
Module frame revos MODULAR	2 slots, housing size 6H		
Die-cast zinc			
For 2 modules, A - B	MOD MRG 6	78.210.4029.0	5
For 2 modules, a - b	MOD MRK 6	78.200.4029.0	5
Module frame revos MODULAR	3 slots, housing size 10H		
Die-cast zinc			
For 3 modules, A - C	MOD MRG 10	78.210.4129.0	5
For 3 modules, a - c	MOD MRK 10	78.200.4129.0	5
Module frame revos MODULAR	4 slots, housing size 16H		
Die-cast zinc			
For 4 modules, A - D	MOD MRG 16	78.210.4229.0	5
For 4 modules, a - d	MOD MRK 16	78.200.4229.0	5
Module frame revos MODULAR	6 slots, housing size 24H		
Die-cast zinc			
For 6 modules, A - F	MOD MRG 24	78.210.4329.0	5
For 6 modules, a - f	MOD MRK 24	78.200.4329.0	5

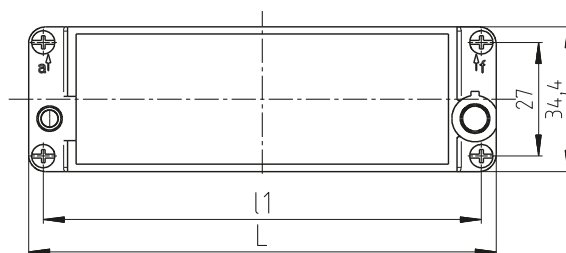
TECHNICAL DATA	
PE contact	max. 0.3 Ω
Cross-section PE (power side)	4 - 10 mm ² / AWG 12 - 8
Cross-section PE (signal side)	1 - 2.5 mm ² / AWG 18 - 14
Module frame material	Die-cast zinc
Mating cycles	500
Temperature range	-40 °C...+120 °C
Note	A complete connector must be provided with marking in uppercase and/or lowercase letters

DIMENSIONS

Sizes 6 - 24, A - F
 Sizes 6 - 24, a - f



Type	L	l1
2 slots, housing size 6H	51	44
3 slots, housing size 10H	64	57
4 slots, housing size 16H	84.5	77.5
6 slots, housing size 24H	111	104



REVOS MODULAR 2M · HOUSING



Upper shell holder without locking lever



Top cable entry



Base with locking lever



Wall duct

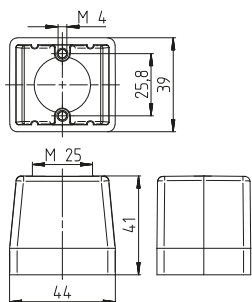
Description	Type	M	Part No.	P.U.
Upper shell				
Aluminum housing				
Upper shell holder (without locking lever)	RM2 MC 2MA		78.330.4235.0	5
Top cable entry				
with threaded collar M25	RM2 TS 2M M25T A1	25	78.363.4235.1	5
with threaded collar M32	RM2 TS 2M M32T A1	32	78.364.4235.1	5
Base				
Base with locking lever	RM2 MC L 2MA		78.320.4235.0	5
Wall duct + 3x Strain relief clamp 1 x 3-6 / 2 x 6-9,5	Zinc die-cast housing RM2 MP 2M Z		78.340.4236.0	5

TECHNICAL DATA	
Material	aluminum
Color	gray
Locking levers	plastic material
Seal for base	NBR
Degree of protection	
with appropriate cable glands	IP65
Temperature range	-40 °C...+120 °C

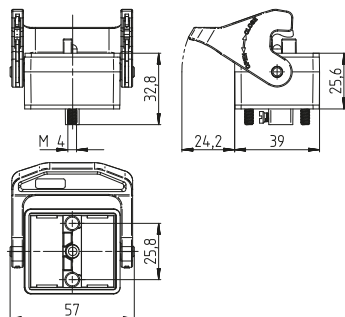
ACCESSORIES	Type	M	Part No.	P.U.
Cable gland IP 68, plastic material gray	Connection range 7 – 16 mm	25	Z5.507.1553.0	10
Cable gland IP68, nickel-plated brass	Connection range 11 – 18 mm	25	Z5.507.1521.0	10
Cable gland IP 68, plastic material gray	Connection range 15 – 21 mm	32	Z5.507.1753.0	10
Cable gland IP68, nickel-plated brass	Connection range 15 – 21 mm	32	Z5.507.1721.0	10

DIMENSIONS

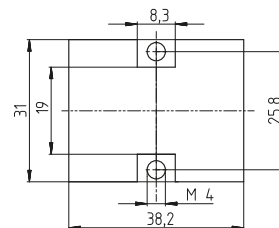
Upper shell



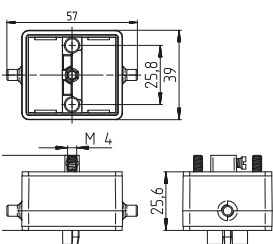
Base



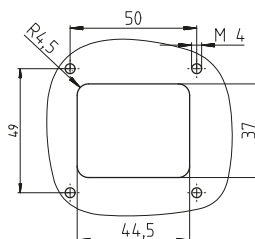
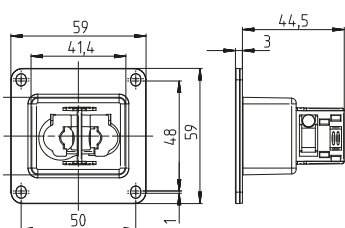
Drilling template



Upper shell holder



Wall duct



AN **OVERVIEW** OF THE **RANGE** OF INDUSTRIAL CONNECTORS

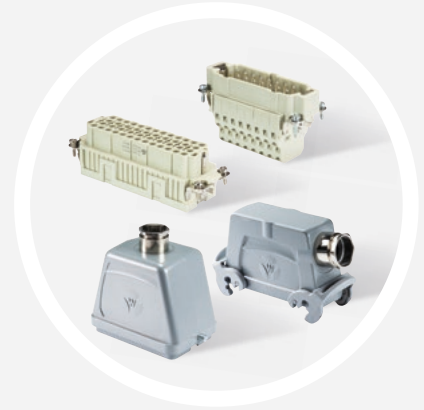
GENERAL FEATURES:

- Salt and seawater resistant, UV resistant
- Single and double locking lever
- Screw, tension spring, crimp connection
- Housing in metal + plastic
- Contact inserts 2- to 216-pole
- Currents from 4 to 100 A
- Voltages up to 5.5 kV



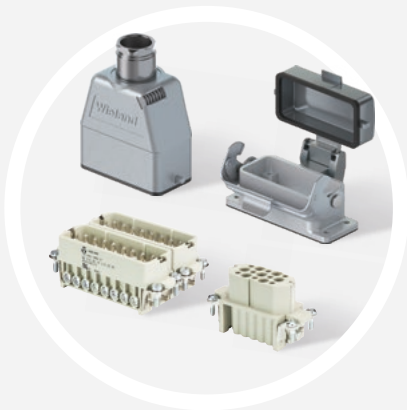
revos MINI

The compact connector family from 3- to 12-pole and in two housing materials – plastic + die-cast zinc.



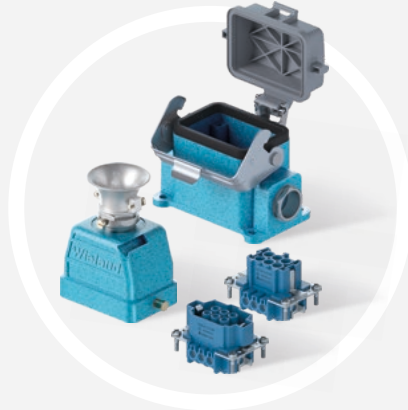
revos BASIC

The proven connector family from 6- to 48-pole – with the largest product portfolio.



revos HD

The high pole count connector family from 15 to 64-pole for currents up to 10 A in sizes 10/15 to 32/50.



revos Ex

The connector family specifically for use in potentially explosive areas in deep mining.



revos MOT

The plastic connector family – simple and easy handling due to unique fastener.

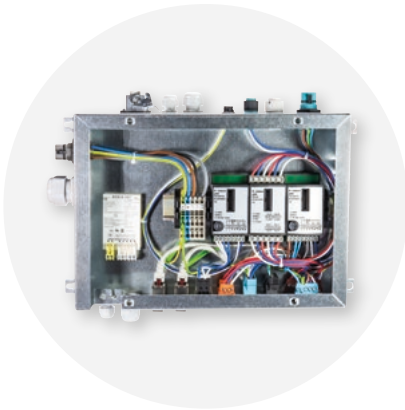
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