

## Industrial multipole connectors

# revos MINI

### Technical Data

■ <b>Approvals</b>	UL, CSA, SEV
■ <b>Applicable standards</b>	IEC 61 984
■ <b>Contact inserts</b>	
Rated current	10 A
Rated voltage	
– 3 pole + earth in plastic housing	400 V
– 3 pole + earth in metal housing	250/400 V
– 4 pole + earth (plastic and metal housing)	4000 V
– 7 pole + earth in plastic housing	250 V
– 7 pole + earth in metal housing	50 V
– 8 pole (plastic and metal housing)	50 V
Nominal voltage according to UL/ CSA	600 V
– 3/4pole + ground (plastic and metal housing)	600 V
– 7pole + ground in plastic housing	600 V
– 7pole + ground in metal housing	42 V
– 8pole + ground (plastic and metal housing)	42 V
No. of poles	3, 4, 7 + earth, 8
Screw connection	0.5 – 2.5 mm <sup>2</sup> / 22 – 12 AWG
Crimp connection	0.2 – 1.5 mm <sup>2</sup> / 24 – 16 AWG
Degree of pollution	3
Temperature range	–40 to +110 °C
■ <b>Contacts</b>	
Material	Copper alloy
Surface	Tin-plated, gold plated, silver plated
■ <b>Hoods and housings</b>	
Materials	Die-cast zinc alloy Thermoplast
Surface	grey
Locking levers	Zinc plated steel
Gaskets	NBR
Temperature	–40 to +110 °C
Degree of protection according to DIN EN 60 529	
With latched locking levers	IP 55
With suitable cable gland	IP 65

# Industrial multipole connectors

3, 4, 7 pole + earth / 8 pole












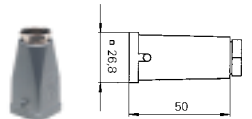
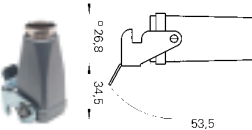
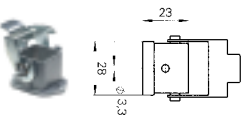
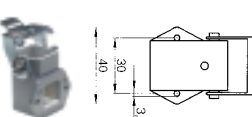
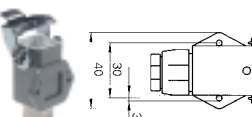
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**600 V** UL/CSA

**250 V, 10 A** IEC 61 984

**IP 54 protection**  
**IP 65 protection** with suitable cable gland

		Cross section	Approvals	Stripping length	Material	Box Qty
 <b>Screw connection</b>	Socket insert	0.5 – 2.5 mm <sup>2</sup> 3pole 18 – 16 AWG UL 4pole 22 – 12 AWG UL 3-/4pole 22 – 12 AWG CSA	  * for 3 pole	4 mm	Tinned (3 pole) Silver plated (4 pole)	10
	Plug insert	0.5 – 2.5 mm <sup>2</sup> 3pole 18 – 16 AWG UL 4pole 22 – 12 AWG UL 3-/4pole 22 – 12 AWG CSA	  * for 3 pole	4 mm	Tinned (3 pole) Silver plated (4 pole)	10
 <b>Crimp connection</b>	Socket insert without crimp contacts	0.2 – 1.5 mm <sup>2</sup> 18 – 16 AWG UL 24 – 16 AWG CSA	 	4 mm		10
	Plug insert without crimp contacts	0.2 – 1.5 mm <sup>2</sup> 18 – 16 AWG UL 24 – 16 AWG CSA	 	4 mm		10
Thread size			Cable gland type		Material	Box Qty
 M 20	Hood angled	0 with cable gland			Metal	10
		1 with thread			Metal	10
		1 with thread			Plastic	10
 M 20	Hood straight	0 with cable gland			Metal	10
		1 with thread			Metal	10
		1 with thread			Plastic	10
 M 20	Hood with locking lever for cable to cable coupling	0 with cable gland			Metal	10
		1 with thread			Metal	10
		1 with thread			Plastic	10
 M 20	Open housing with locking lever				Metal	10
					Plastic	10
 M 20	Open housing, angled with locking lever				Metal	10
					Plastic	10
 M 20	Closed housing with locking lever	0 with cable gland			Metal	10
		1 with thread			Metal	10
		1 with thread			Plastic	10
					The closed plastic housing is supplied without cable gland	

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## Contacts for crimp version

### Socket contact



### Plug contact



Ø mm²	AWG	Part No.	Box Qty	Ø mm²	AWG	Part No.	Box Qty
0.2 – 0.56 mm²	24 – 20	tinned		0.5 – 1.50 mm²	24 – 20	gold-plated	
Tape reeled		02.124.0900.0	5000	Tape reeled		02.124.1400.0	5000
Individual contacts		02.124.0929.0	200	Individual contacts		02.124.1429.0	200
0.75 – 1.50 mm²	18 – 16						
Tape reeled		02.124.1000.0	5000				
Individual contacts		02.124.1029.0	200				
0.2 – 0.56 mm²	24 – 20			0.5 – 1.50 mm²	20 – 16		
Tape reeled		05.544.0900.0	5000	Tape reeled		05.544.1400.0	5000
Individual contacts		05.544.0929.0	200	Individual contacts		05.544.1429.0	200
0.75 – 1.50 mm²	18 – 16						
Tape reeled		05.544.1000.0	5000				
Individual contacts		05.544.1029.0	200				
				Crimping tool		95.101.0800.0	1
				Crimping jaws "E"		05.502.2400.0	1
				Contact guide "2"		05.502.3200.0	1
				Extraction tool		05.502.0000.0	1

### 3 pole + earth

**Plastic housing** UL/CSA  
400 V/4 kV, 10 A 600 V  
**Metal housing**  
250 V/400 V/4 kV, 10 A 600 V

### 4 pole + earth

**Plastic housing** UL/CSA  
250 V/4 kV, 10 A 600 V  
**Metal housing**  
250 V/4 kV, 10 A 600 V

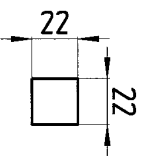
### 7 pole + earth

**Plastic housing** UL/CSA  
250 V/4 kV, 10 A 600 V  
**Metal housing**  
50 V/0,8 kV, 10 A 42 V

### 8 pole

**Plastic housing** UL/CSA  
50 V/0,8 kV, 10 A 42 V  
**Metal housing**  
50 V/0,8 kV, 10 A 42 V

## Accessories

Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
73.300.0353.0	73.300.0453.0				
73.310.0353.0	73.310.0453.0			Cover with locking bolts for hoods and housings with locking levers	Cover with locking bolts for hoods and housings with locking levers
		73.700.0753.0	73.700.0853.0	without gasket for male insert	with gasket for female insert
		73.710.0753.0	73.710.0853.0	Plastic 07.417.6753.0 Metal 07.417.6729.0	Plastic 07.417.6853.0 Metal 07.417.6829.0
76.350.0736.0 76.350.0736.1 76.350.0760.1	76.350.0736.0 76.350.0736.1 76.350.0760.1	76.350.0736.0 76.350.0736.1 76.350.0760.1	76.350.0736.0 76.350.0736.1 76.350.0760.1	 <p>Cut out for open housings</p>	
76.352.0736.0 76.352.0736.1 76.352.0760.1	76.352.0736.0 76.352.0736.1 76.352.0760.1	76.352.0736.0 76.352.0736.1 76.352.0760.1	76.352.0736.0 76.352.0736.1 76.352.0760.1		
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