



# STD Series Multi-Wire Connectors Spare Parts and Accessories

## Crimp Contacts - 10 Amp and 16 Amp

Crimp contacts are made of hard-silver plated copper alloy. Wires to be connected must be carefully matched with the correct wire size of crimp contacts. Crimp contacts should be installed using a crimping tool.

10 Amp Crimp Contacts						
Part Number	Qty.	Type (Male/Female)	Wire Gauge mm <sup>2</sup> (AWG)	Stripping Length	Price	Weight (lb.)
ZP-MC-CC-M10A-22	100 per pack	Male	0.14-0.37 (26-22)	8 mm (0.32 in)	<--->	0.150
ZP-MC-CC-M10A-20			0.5 (20)		<--->	0.150
ZP-MC-CC-M10A-18			0.75 (18)		<--->	0.150
ZP-MC-CC-M10A-16			1.5 (16)		<--->	0.150
ZP-MC-CC-M10A-14			2.5 (14)		<--->	0.140
ZP-MC-CC-F10A-22		Female	0.14-0.37 (26-22)		<--->	0.150
ZP-MC-CC-F10A-20			0.5 (20)		<--->	0.140
ZP-MC-CC-F10A-18			0.75 (18)		<--->	0.150
ZP-MC-CC-F10A-16			1.5 (16)		<--->	0.140
ZP-MC-CC-F10A-14			2.5 (14)		<--->	0.150



Male Crimp Contact



Female Crimp Contact

Note: The crimp contact ampacity listed above is the Maximum current rating for the crimp contacts only. The current rating DOES NOT reflect the wire gauge current rating.

16 Amp Crimp Contacts						
Part Number	Qty.	Type (Male/Female)	Wire Gauge mm <sup>2</sup> (AWG)	Stripping Length	Price	Weight (lb.)
ZP-MC-CC-M16A-22	100 per pack	Male	0.14-0.37 (26-22)	7.5 mm (0.29 in)	<--->	0.280
ZP-MC-CC-M16A-20			0.5 (20)		<--->	0.360
ZP-MC-CC-M16A-18			0.75 (18)		<--->	0.270
ZP-MC-CC-M16A-16			1.5 (16)		<--->	0.350
ZP-MC-CC-M16A-14			2.5 (14)		<--->	0.270
ZP-MC-CC-M16A-12			4.0 (12)		<--->	0.350
ZP-MC-CC-F16A-22		Female	0.14-0.37 (26-22)		<--->	0.280
ZP-MC-CC-F16A-20			0.5 (20)		<--->	0.350
ZP-MC-CC-F16A-18			0.75 (18)		<--->	0.290
ZP-MC-CC-F16A-16			1.5 (16)		<--->	0.350
ZP-MC-CC-F16A-14			2.5 (14)		<--->	0.280
ZP-MC-CC-F16A-12			4.0 (12)		<--->	0.350



Male Crimp Contact



Female Crimp Contact

Note: The crimp contact ampacity listed above is the Maximum current rating for the crimp contacts only. The current rating DOES NOT reflect the wire gauge current rating.

Crimp Contact Tools				
Part Number	Qty.	Description	Price	Weight (lb.)
ZP-MC-CT1	1	Crimping tool with dieset and locator	<--->	1.593
ZP-MC-CT2		Crimping tool with dieset only, no locator	<--->	0.814
ZP-MC-RT1		Removal tool for 10A contacts	<--->	0.081
ZP-MC-RT2		Removal tool for 16A contacts	<--->	0.086



ZP-MC-CT1



ZP-MC-RT1



ZP-MC-RT2



ZP-MC-CT2



# STD Series Multi-Wire Connectors Spare Parts and Accessories

## Cable Glands

### IP66 Glands

#### Plastic

- Thread: 1.5 mm pitch in accordance with EN 50262, Pg in accordance with DIN 40430
- IP Protection: IP66 in accordance with EN 60529
- Working Temperature: -40°C to 125°C (-40°F to 257°F)
- Materials: Body - Glass filled polyamide UL 94 V0; Washer - zinc plated steel; Gasket - Elastomer
- Includes two washers and four gaskets to accommodate a wide range of cable diameters
- Applications: for size 3A plastic type housings

#### Metal

- Thread: 1.5 mm pitch in accordance with EN 50262, Pg in accordance with DIN 40430
- IP Protection: IP66 in accordance with EN 60529
- Working Temperature: -40°C to 125°C (-40°F to 257°F)
- Materials: Body - nickel-plated brass; Washer - zinc plated steel; Gasket - Elastomer
- Includes two washers and four gaskets to accommodate a wide range of cable diameters
- Applications: for all sizes metal type housings

### IP68 Glands

#### Metal

- Thread: 1.5 mm pitch in accordance with EN 50262, Pg in accordance with DIN 40430
- IP Protection: IP68, patented design for up to 5 bars
- Working Temperature: -40°C to 125°C (-40°F to 257°F)
- Materials: Body - nickel-plated brass; Strain relief - Glass filled polyamide UL 94 V0; Gasket - Elastomer
- Applications: for industrial connector housings where higher protection and strength are required

IP66 Cable Glands						
Part Number	Qty.	Type	Cable Diameter mm (in)	Thread	Price	Weight (lb.)
ZP-MC-CG-11P5	1	Plastic	7-12 (0.275-0.472)	Pg 11	<--->	0.019
ZP-MC-CG-11M5		Metal	7-12 (0.275-0.472)	Pg 11	<--->	0.030
ZP-MC-CG-16M5			7-14.5 (0.275-0.570)	Pg 16	<--->	0.041
ZP-MC-CG-21M5			9.5-18.5 (0.374-0.728)	Pg 21	<--->	0.070
ZP-MC-CG-29M5			17.5-26.5 (0.688-1.043)	Pg 29	<--->	0.125

**Note:** IP66 cable glands with washers CANNOT be used with HC (High Construction) top or side entry housings. You must use the IP68 cable glands. IP66 glands can be used with surface mount HC (High Construction) housings.



IP66 Cable Glands - Plastic



IP66 Cable Glands - Metal



IP68 Cable Glands

IP68 Cable Glands						
Part Number	Qty.	Type	Thread	Diameter mm (in)	Price	Weight (lb.)
ZP-MC-CG-11M8	10 per pack	Metal	Pg 11	4-10 (0.157-0.393)	<--->	0.451
ZP-MC-CG-16M8			Pg 16	8-14 (0.314-0.551)	<--->	0.881
ZP-MC-CG-21M8	5 per pack		Pg 21	11-18 (0.433-0.708)	<--->	0.727
ZP-MC-CG-29M8			Pg 29	16-25 (0.629-0.984)	<--->	1.466



- Company Information
- Systems Overview
- Programmable Controllers
- Field I/O
- Software
- C-more & other HMI
- Drives
- Soft Starters
- Motors & Gearbox
- Steppers/Servos
- Motor Controls
- Proximity Sensors
- Photo Sensors
- Limit Switches
- Encoders
- Current Sensors
- Pressure Sensors
- Temperature Sensors
- Pushbuttons/Lights
- Process
- Relays/Timers
- Comm.
- Terminal Blocks & Wiring
- Power
- Circuit Protection
- Enclosures
- Tools
- Pneumatics
- Safety
- Appendix
- Product Index
- Part # Index



# STD Series Multi-Wire Connectors Spare Parts and Accessories

## Blanking Plugs with Gasket

- Thread: 1.5 mm pitch in accordance with EN 50262, Pg in accordance with DIN 40430
- IP Protection: IP68 in accordance with EN 60529
- Working Temperature: -40°C to 125°C (-40°F to 257°F)
- Materials: Body - nickel-plated brass; Gasket - Elastomer
- Applications: for blanking threaded holes on housings or other enclosures

Blanking Plugs W/Gasket					
Part Number	Qty.	Type	Thread	Price	Weight (lb.)
ZP-MC-PLG-11M8	10 per pack	Metal	Pg 11	<--->	0.169
ZP-MC-PLG-16M8			Pg 16	<--->	0.253
ZP-MC-PLG-21M8			Pg 21	<--->	0.478
ZP-MC-PLG-29M8	5 per pack		Pg 29	<--->	0.218



Blanking Plugs  
W/Gasket

## Pg to NPT Adapters

- Thread: Metric 1.5 mm pitch Pg in accordance with DIN 40430, NPT in accordance with USAS B2-1
- IP Protection: dependant on coupling and other components
- Working Temperature: -60°C to 200°C (-76°F to 392°F)
- Materials: nickel-plated brass
- Applications: for converting a Pg thread to an NPT thread



Pg to NPT Adapters

Pg to NPT Adapters						
Part Number	Qty.	Type	Pg Thread	NPT Thread	Price	Weight (lb.)
ZP-MC-A-11038	1	Metal	Pg 11	3/8"	<--->	0.044
ZP-MC-A-11012			Pg 11	1/2"	<--->	0.072
ZP-MC-A-16012			Pg 16	1/2"	<--->	0.070
ZP-MC-A-21034			Pg 21	3/4"	<--->	0.101
ZP-MC-A-29100			Pg 29	1"	<--->	0.194
ZP-MC-A-29114			Pg 29	1 1/4"	<--->	0.238

## Replacement Gaskets

Replacement Gaskets						
Part Number	Qty.	Size	Type	Material	Price	Weight (lb.)
ZP-MC03A-GSK	10 per pack	3A	For bulkhead housings	Nitrile Botadiene Rubber (NBR)	<--->	0.085
ZP-MC06B-GSK		6B			<--->	0.097
ZP-MC10B-GSK		10B			<--->	0.105
ZP-MC16B-GSK		16B			<--->	0.127
ZP-MC24B-GSK		24B			<--->	0.141



Replacement  
Gaskets



# STD Series Multi-Wire Connectors Spare Parts and Accessories

## DIN Rail Mounting Kits

- For mounting inserts inside an enclosure
- Fits 35 mm DIN rail



DIN Rail Mounting Kits



ZP-MC-RT3

DIN Rail Mounting Kits				
Part Number	Qty.	Description	Price	Weight (lb.)
ZP-MC06B-DKIT	1	For size 6B inserts	<--->	0.374
ZP-MC10B-DKIT		For size 10B inserts	<--->	0.377
ZP-MC16B-DKIT		For size 16B inserts	<--->	0.385
ZP-MC24B-DKIT		For size 24B inserts	<--->	0.392
ZP-MC-RT3		Insert removal tool	<--->	0.052

## Replacement Screws/Code Pins

Replacement Screws/Code Pins					
Part Number	Qty.	Description	Figure	Price	Weight (lb.)
ZP-MC-SCRWKIT	2 pieces of each part	M3.5 - PE screw for size 3A inserts	1	<--->	0.048
		M4 - PE screw for size 6B insert, size 10B insert, size 16B insert (16+PE) and size 24B insert (24+PE)	2		
		M4 - PE screw for size 16B insert (6+PE) and size 24B insert (8+4+PE)	3		
		M3 - Installation screw for 3A inserts only	4		
		M3 - Installation screw for all inserts except 3A	5		
		Code pin, male*	6		
		Code pin, female*	7		

\* Code pins are used in applications where there are identical connectors that could be coupled with the incorrect mate, potentially causing equipment damage or breakdown. Code pins replace the installation screws on the inserts. The following combinations of code pins allow for a selective number of couples.



Figure 1

Figure 2



Figure 3



Figure 4



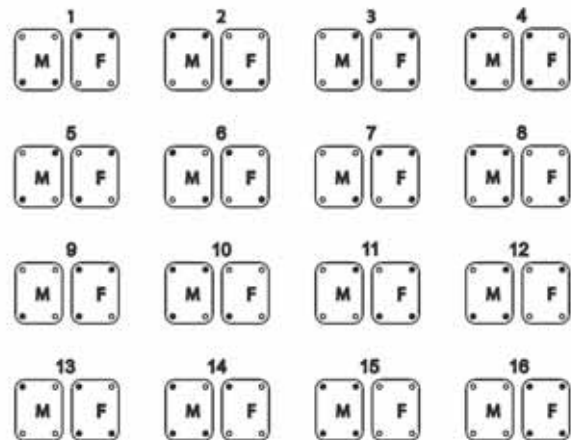
Figure 5



Figure 6



Figure 7



Coding Pin Configurations

- Male code pin
- Female code pin
- M Male insert
- F Female insert

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- Programmable Controllers
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- Motor Controls
- Proximity Sensors
- Photo Sensors
- Limit Switches
- Encoders
- Current Sensors
- Pressure Sensors
- Temperature Sensors
- Pushbuttons/ Lights
- Process
- Relays/ Timers
- Comm.
- Terminal Blocks & Wiring
- Power
- Circuit Protection
- Enclosures
- Tools
- Pneumatics
- Safety
- Appendix
- Product Index
- Part # Index