COMMERCIAL MI WIRING



COMPONENTS AND ACCESSORIES

COMPONENTS

Product name	Order reference	Description					
Brass plates	See table	Brass plates are used to avoid induction heating of ferrous metal enclosures where single conductor cables pass through the wall of the enclosure. Custom sizes available.					
0000		Brass Plate Ordering Information					
			Nu	umber of hol	es		
		Hole size	3 hole	4 hole	5 hole	6 hole	
		1/2"	3H01/2	4H01/2	5BP12	6BP12	
		3/4"	3H03/4	4H03/4	5BP34	6H03/4	
		1"	3H01	4H01	5BP1	6H01	
		1-1/4"	3H01-1/4	4H01-1/4	5BP114	6H01-1/4	
PVC shrouds	SHRD1/2 SHRD3/4 SHRD1	Recommended for polymer-jacketed copper-sheathed MI cables, PVC s are used to protect the brass gland connector from corrosion. PVC shroud for 1/2" gland PVC shroud for 3/4" gland PVC shroud for 1" gland					
SE-Protect lightning arrester	SE-PROTECT		Arrest Surge F Applications	Protection Kil	t for nVent F	YROTENAX S	

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MOUNTING ACCESSORIES

Product name	Order reference	Cable diameter	Description						
One-hole clips			Clips to secure a single copper-sheathed MI cable directly to mounting surface. For cables up to 0.75" in diameter. Material – copper.						
			Α	В	С	D	E		
	CLIP196	0.196 - 0.215"	0.200"	5/16"	0.028"	5/32"	3/16"		
	CLIP216	0.216 - 0.235"	0.220"	u	u	u	и		
C → ▲	CLIP236	0.236 - 0.255"	0.240"	u	u	и	и		
	CLIP256	0.256 - 0.275"	0.260"	u	u	u	и		
E	CLIP276	0.276 - 0.295"	0.280"	u	u	u	и		
	CLIP296	0.296 - 0.315"	0.300"	3/8"	u	13/64"	7/32"		
<-B→	CLIP316	0.316 - 0.335"	0.320"	u	u	u	и		
	CLIP336	0.336 - 0.365"	0.340"	u	u	u	и		
	CLIP366	0.366 - 0.395"	0.370"		u	и	u		
	CLIP396	0.396 - 0.425"	0.400"	u	u	u	и		
	CLIP426	0.426 - 0.465"	0.430"	u	u	u	и		
	CLIP466	0.466 - 0.505"	0.470"	и	u	и	u		
	CLIP506	0.506 - 0.535"	0.510"	1/2"	0.047"	7/32"	1/4"		
	CLIP536	0.536 - 0.585"	0.540"	и	u	и	u		
	CLIP585	0.586 - 0.625"	0.590"	и	и	и	u		
	CLIP626	0.626 - 0.665"	0.630"	u	u	u	и		
	CLIP666	0.666 - 0.705"	0.670"	5/8"	0.055"	9/32"	5/16"		
	CLIP706	0.706 - 0.745"	0.710"	u	u	u	и		
	CLIP746	0.746 - 0.785"	0.750"	u		u	и		

Two-way straps

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F O O S

Straps to secure two copper-sheathed MI cables directly to mounting surface. For cables up to 0.75" in diameter. Material - copper.

20			Α	В	С	D	Е	F	G
_	2STP210	0.210 - 0.225"	0.207"	0.469"	1-1/16"	1-7/16"	5/32"	5/16"	0.028"
	2STP226	0.226 - 0.246"	0.226"	0.508"	u	u	u	u	u
-	2STP247	0.247 - 0.277"	0.246"	0.571"	u	u	u	u	u
	2STP278	0.278 - 0.309"	0.274"	0.634"	u	u	u	u	u
	2STP310	0.310 - 0.345"	0.305"	0.713"	1-13/32"	1-53/64"	13/64"	3/8"	и
T M	2STP346	0.346 - 0.387"	0.344"	0.795"	u	u	u	u	u
	2STP388	0.388 - 0.434"	0.384"	0.874"	u	u	и	и	и
	2STP435	0.435 - 0.465"	0.423"	0.953"	1-29/32"	2-7/16"	7/32"	1/2"	0.047"
	2STP466	0.466 - 0.512"	0.467"	1.035"	u	u	u	u	u
	2STP513	0.513 - 0.545"	0.506"	1.114"	u	u	и	и	и
	2STP546	0.546 - 0.590"	0.545"	1.201"	u	u	u	и	и
	2STP591	0.591 - 0.637"	0.589"	1.299"	u	u	u	u	u
	2STP638	0.638 - 0.700"	0.636"	1.417"	2-13/32"	3-3/64"	9/32"	5/8"	0.055"
	2STP701	0.701 - 0.755"	0.699"	1.543"	u	u	u	u	u

MOUNTING ACCESSORIES

Product name	Order reference	Description
Support bracket and hanger		
	BRACK	The bracket is used to support single conductor copper-sheathed MI cables banded together in triplex and quadraplex. Use with MI cable sizes 1/0 AWG and smaller.
	HANG	The hanger is used with the support bracket to temporarily hold the MI cables as they are being banded together.
Banding	BAND100FT	Stainless steel banding used to band MI cables together in triplex or quadriplex and fasten to BRACK bracket. 100 ft roll x 1/2" wide x 0.020" thick (30.5 m roll x 13 mm wide x 0.5 mm thick). Use with BANDCLIP100 banding clips ordered separately.
Clips	BANDCLIP100	Stainless steel clips used with stainless steel banding to group MI cables together. 100 clips per package. Use with BAND100FT stainless steel banding ordered separately.
Adjustable banding		Pipe straps used to band MI cables in triplex or quadruplex between structural support points. Not part of the structural support system.
	WPS-01 WPS-03	For 0.275" to 0.621" OD cable For 0.684" to 1.0" OD cable
System 1850 Warning Label	600VLABELPAC	Adhesive backed 600 volt warning label to be applied directly to the sheath of System 1850 MI cable to indicate the presence of mineral insulated wiring cables and to distinguish the cable from copper pipes. Use one label every 10 ft (3 m) alternating on either side of cable run (10 pieces per package).
System 1850SE Warning Label	600VLABELSEPAC	Adhesive backed 600 volt warning label to be applied directly to System 1850-SE service entrance cable tray to indicate the presence of mineral insulated wiring cables. Use one label every 10 ft (3 m) alternating on either side of cable tray (10 pieces per package).

SEALING COMPOUNDS

Product name	Order reference	Description					
Mastic sealing compound	COMGRN4	Used to seal MI cable ends for nonhazardous and hazardous locations. Mastic compound does not require curing. Ten pieces per package.					
Standard epoxy resin sealing compound	EPOXIPAC	Used to seal MI cable ends for nonhazardous and hazardous locations. Maximum temperature 248°F (120°C). Order additional 13.3 ml 2-part epoxy packs as required (see table below for number of packets to order for gland size).					
Optional epoxy resin sealing compound DURACOM Used to seal MI cable ends for nonhazardous and hazardous locations. Ma temperature 392°F (200°C). Order additional 13.3 ml 2-part epoxy packs as required (table following shows number of packets to order for gland size) Two-Part Epoxy Requirements						-part epoxy packs as order for gland size).	
		Gland size	1 pot	2 pots	3 pots	4 pots	
		1/2"	1	1	1	2	
\checkmark		3/4"	1	2	3	4	
		1"	2	3	5	6	
		1-1/4"	2	4	5	7	

For details about QuickTerm and PyroPak Termination Kits, please refer to document number H58421, "Termination Kits - Commercial Wiring". For details about Factory Joints and Field Splices, please refer to document number H58429, "Splices - Commercial Wiring".

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