

# COMMERCIAL MI WIRING

**Pyrotenax**

## COMPONENTS

Product name	Order reference	Description
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### Brass plates

See table

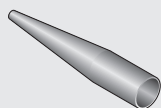
Brass plates are used to avoid induction heating of ferrous metal enclosures where single conductor cables pass through the wall of the enclosure. Custom sizes available.



### Brass Plate Ordering Information

Hole size	Number of holes			
	3 hole	4 hole	5 hole	6 hole
1/2"	3HO1/2	4HO1/2	5BP12	6BP12
3/4"	3HO3/4	4HO3/4	5BP34	6HO3/4
1"	3HO1	4HO1	5BP1	6HO1
1-1/4"	3HO1-1/4	4HO1-1/4	5BP114	6HO1-1/4

### PVC shrouds



SHRD1/2

Recommended for polymer-jacketed copper-sheathed MI cables, PVC shrouds are used to protect the brass gland connector from corrosion.

SHRD3/4

PVC shroud for 1/2" gland

SHRD1

PVC shroud for 3/4" gland

PVC shroud for 1" gland

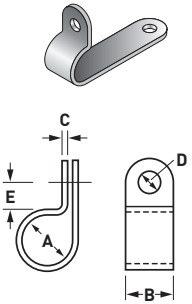
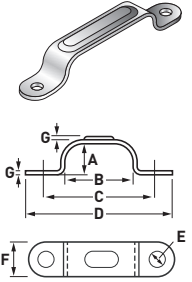
### SE-Protect lightning arrester

SE-PROTECT


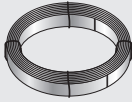




Lightning-Arrest Surge Protection Kit for Pyrotenax System 1850-SE Service Entrance Applications



## MOUNTING ACCESSORIES

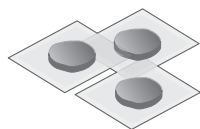
Product name	Order reference	Cable diameter	Description						
<b>One-hole clips</b> 			Clips to secure a single copper-sheathed MI cable directly to mounting surface. For cables up to 0.75" in diameter. Material - copper.						
			A	B	C	D	E		
	CLIP196	0.196 - 0.215"	0.200"	5/16"	0.028"	5/32"	3/16"		
	CLIP216	0.216 - 0.235"	0.220"	"	"	"	"		
	CLIP236	0.236 - 0.255"	0.240"	"	"	"	"		
	CLIP256	0.256 - 0.275"	0.260"	"	"	"	"		
	CLIP276	0.276 - 0.295"	0.280"	"	"	"	"		
	CLIP296	0.296 - 0.315"	0.300"	3/8"	"	13/64"	7/32"		
	CLIP316	0.316 - 0.335"	0.320"	"	"	"	"		
	CLIP336	0.336 - 0.365"	0.340"	"	"	"	"		
	CLIP366	0.366 - 0.395"	0.370"	"	"	"	"		
	CLIP396	0.396 - 0.425"	0.400"	"	"	"	"		
	CLIP426	0.426 - 0.465"	0.430"	"	"	"	"		
	CLIP466	0.466 - 0.505"	0.470"	"	"	"	"		
	CLIP506	0.506 - 0.535"	0.510"	1/2"	0.047"	7/32"	1/4"		
	CLIP536	0.536 - 0.585"	0.540"	"	"	"	"		
	CLIP585	0.586 - 0.625"	0.590"	"	"	"	"		
	CLIP626	0.626 - 0.665"	0.630"	"	"	"	"		
	CLIP666	0.666 - 0.705"	0.670"	5/8"	0.055"	9/32"	5/16"		
CLIP706	0.706 - 0.745"	0.710"	"	"	"	"			
CLIP746	0.746 - 0.785"	0.750"	"	"	"	"			
<b>Two-way straps</b> 			Straps to secure two copper-sheathed MI cables directly to mounting surface. For cables up to 0.75" in diameter. Material - copper.						
			A	B	C	D	E	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"	"	"	"	"	"
	2STP247	0.247 - 0.277"	0.246"	0.571"	"	"	"	"	"
	2STP278	0.278 - 0.309"	0.274"	0.634"	"	"	"	"	"
	2STP310	0.310 - 0.345"	0.305"	0.713"	1-13/32"	1-53/64"	13/64"	3/8"	"
	2STP346	0.346 - 0.387"	0.344"	0.795"	"	"	"	"	"
	2STP388	0.388 - 0.434"	0.384"	0.874"	"	"	"	"	"
	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"	"	"	"	"	"
	2STP513	0.513 - 0.545"	0.506"	1.114"	"	"	"	"	"
	2STP546	0.546 - 0.590"	0.545"	1.201"	"	"	"	"	"
	2STP591	0.591 - 0.637"	0.589"	1.299"	"	"	"	"	"
	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"	"	"	"	"	"

## MOUNTING ACCESSORIES

Product name	Order reference	Description
<b>Support bracket and hanger</b>		
	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.
<b>Banding</b>		
	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.
<b>Clips</b>		
	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.
<b>Adjustable banding</b>		
	WPS-01	Pipe straps used to band MI cables in triplex or quadriplex between structural support points. Not part of the structural support system. For 0.275" to 0.621" OD cable
	WPS-03	For 0.684" to 1.0" OD cable
<b>System 1850 Warning Label</b>		
	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).
<b>System 1850SE Warning Label</b>		
	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).

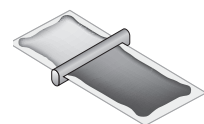
## SEALING COMPOUNDS

Product name	Order reference	Description
<b>Mastic sealing compound</b>	COMGRN4	Used to seal MI cable ends for nonhazardous and hazardous locations. Mastic compound does not require curing. Ten pieces per package.



<b>Standard epoxy resin sealing compound</b>	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).
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<b>Optional epoxy resin sealing compound</b>	DURACOM	Used to seal MI cable ends for nonhazardous and hazardous locations. Maximum 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).
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Two-Part Epoxy Requirements				
Gland size	1 pot	2 pots	3 pots	4 pots
1/2"	1	1	1	2
3/4"	1	2	3	4
1"	1	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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