

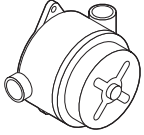
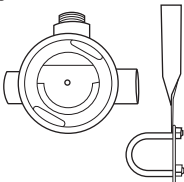
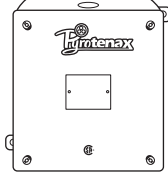
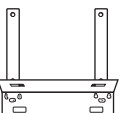


MI COMPONENTS AND ACCESSORIES



SYSTEM COMPONENTS

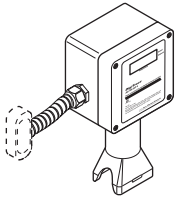
Power Connection Kits

Product name	Order reference	Description
Power connection box 	RMI-JB3	Copper-free aluminum alloy box with three entries for use with MI heating cables. Includes terminal block (500 Vac, 50 A, 2 x 6 AWG) and three 3/4" x 1/2" reducers and two 3/4" NPT plugs. FM and CSA approved for: Class I, Div. 1 & 2, Groups B, C, D; Class II, Div. 1 & 2, Groups E, F, G; and Class III. Enclosure dimensions: 6.1" x 5.2" x 3.9" (156 mm x 133 mm x 98 mm).
Ferro-alloy junction box 	PT-JB	A smaller junction box with three entries for use with MI heating cables. Three 3/4" NPT entries. Provided with one plug and two 3/4" x 1/2" reducers. Includes 4 pole terminal block (CSA-600 Vac, 65 A, 18-6 AWG / UL-300 Vac, 65 A, 18-6 AWG) and stainless steel support bracket (U-clamp). UL and CSA approved for: Class I, Div. 1 & 2, Groups A, B, C, D; Class II, Div. 1 & 2, Groups E, F, G. Enclosure dimensions: 5.5" x 4.75" x 3" (140 mm x 121 mm x 76 mm).
Cast aluminum box  D1297TERM4	D1297TERM4	A large cast aluminum junction box (NEMA 3R) for installation in nonhazardous and CID2 areas. Three 1/2" NPT entries on bottom, provided with plugs. Includes 4 pole terminal block (CSA-600 Vac, 65 A, 18-6 AWG / UL-300 Vac, 65 A, 18-6 AWG). External mounting feet. CSA approved for Class I, Div 2, Groups A, B, C, and D. Enclosure dimensions: 6" x 6" x 4" (152 mm x 152 mm x 101 mm).
Support bracket for D1297TERM4 	D1297BRACK	Optional stainless steel mounting bracket for junction box type D1297TERM4. To be strapped on metal cladding of pipe insulation using metal banding or pipe straps (based on outer dimension of insulation).

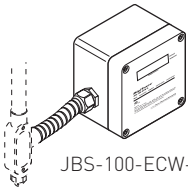
SYSTEM COMPONENTS

Power Connection Kits

Product name	Order reference	Description
Junction box and digital electronic controller	JBS-100-ECP-A	Electronic temperature controllers that provide accurate control of a heating circuit using a RTD sensor. The JBS-100-ECP-A is pipe mounted and serves as a power connection kit for both Raychem self-regulating and Pyrotenax mineral insulated heating cables. The JBS-100-ECW-A is wall mounted and may be used with all types of heating cables. It can also be used as a power connection kit with Pyrotenax MI cables. Adjustable set points between 32°F to 425°F (0°C to 218°C), power input of 120 Vac to 277 Vac, and current switching up to 30 A. c-CSA-us (certified to U.S. and Canadian Standards) for use in nonhazardous locations. Requires MI grounding kit.
	JBS-100-ECW-A	

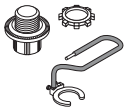


JBS-100-ECP-A



JBS-100-ECW-A

MI cable grounding kit	MI-GROUND-KIT	Required grounding kit for use with JBS-100-ECP-A and JBS-100-ECW-A. Allows for a direct connection to a Pyrotenax MI heating cable, eliminating the need for a separate junction box.
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ACCESSORIES

Attachment Materials

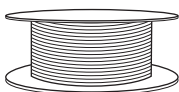
Product name	Order reference	Description
Pipe straps for MI heating cable	PB (see Table 1)	Stainless-steel straps for holding MI heating cables onto pipe. Pliers are the only tool required to pull the pipe strap tight. Allow one pipe strap per foot of pipe (3.3 pipe straps per meter of pipe).



Table 1 Available Pipe Straps

Part number	Pipe diameter	Package quantity
PB 125	To 1-1/4"	50 pc
PB 300	1-1/2" to 3"	35 pc
PB 600	3-1/2" to 6"	25 pc
PB 1000	6" to 10"	1 pc
PB 1200	To 12"	1 pc
PB 2400	To 24"	1 pc
PB 3600	To 36"	1 pc

Tie wire	051CUPRON	16 AWG tie wire for fastening Alloy 825 MI heating cables on pipes. Do not use with copper-sheathed MI heating cables; use PB pipe straps. Particularly good for irregular shaped objects like valves and pumps. Order quantity as required (in ft) as per Table 2.
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ACCESSORIES

Attachment Materials

Product name	Order reference	Description
Stainless-steel prepunched strapping band	107826-000	HARD-SPACER-SS-25MM-25M stainless steel prepunched strapping to hold MI heating cable in place. Supplied in 82 ft (25.0 m) rolls. Use on large pipes to simplify installation of multiple heating cables. For quantities, see Table 2 (installation every 1 ft = 0.328 m).

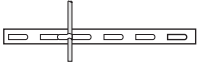


Table 2 Allowance for Banding / Tie Wire on Pipes

Pipe size (inches)	1	1.5	2	4	6	8	10	12	14	16	18	20	24	30	36	48
Required length (ft) per ft of pipe	0.8	1.1	1.2	1.6	2.1	2.8	3.5	4.2	4.6	5.2	5.9	6.5	7.9	9.8	11.8	15.7
Required length (m) per m of pipe	0.8	1.1	1.2	1.6	2.1	2.8	3.5	4.2	4.6	5.2	5.9	6.5	7.9	9.8	11.8	15.7

Electric traced label	ETL	Attach the label to the outside of the thermal insulation weather barrier to indicate presence of electrical heat tracing. Use one label for every 10 feet (3 m) of pipe, alternating on either side of the pipe. Also install at equipment requiring periodic maintenance (control valves, pumps, instruments, etc.).
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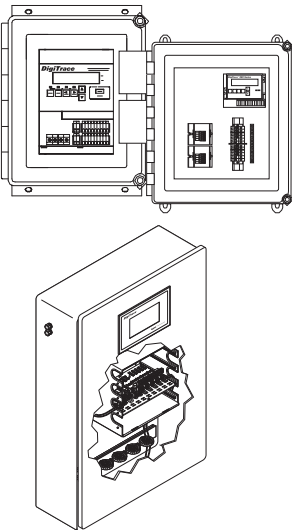


Identification label	LBLSS	Stainless steel identification label for identifying junction boxes, thermostats, contactors, and heating sets. Dimensions: 2.5" x 1.5" (63 mm x 38 mm)
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Temperature controls

For a complete selection of control and monitoring products, including line-sensing thermostats, see Control and Monitoring.





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