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NUMBR 056305X0000 September 1, 1994(Replaces:November 3, 1993)

CLASS 2872 01 (Re-examination Service)

EMERSON ELECTRIC CO.  
Wiegand Industrial Div.  
641 Alpha Dr.  
Pittsburgh, PA 15238  
FACTORY  
Wiegand Industrial Div.  
600 Ridgely Rd.  
Murfreesboro, TN 37129

56305

HEATERS - Cable and Cable Sets

PARALLEL HEATING CABLE

- Type RTSR cable for pipe and vessel tracing (fixed) Desig. 3A, 3C and 5A, TPE insulated, 90C max, 15 Amp/CCT max; RTSR-3L16-1, 3L18-1, RTSR-3L16-2, -3L18-2, RTSR-4L16-1, -4L18-1, 4W/Ft, 120V; RTSR-4L16-2, -4L18-2, 4W/Ft, 240V; RTSR-5L16-1, -5L18-1, RTSR-5L16-2, -5L18-2, RTSR-8L16-1, RTSR-8L16-2.
- Type SRM Series self regulating heating cables for pipe and vessel tracing (fixed), designation 3A, 3B, 3C, FEP insulated, 200C max; SRM5-XXX, 5W/ft, SRM10-XXX 10W/ft, SRM15-XXX 15W/ft.
- Type CWM parallel constant wattage heating cables for pipe and vessel tracing (fixed), designations 3A, 3C and 5A, FEP insulated, 200C max; CWM4-1XX, 4W/ft, 120V; CWM4-2XX, 4W/ft, 240V; CWM8-1XX, 8W/ft, 120V; CWM8-2XX, 8W/ft, 240V; CWM8-4XX, 8W/ft, 480V; CWM12-1XX, 12W/ft, 120V; CWM12-2XX, 12W/ft, 240V; CWM12-4XX, 12W/ft, 480V.
- Power termination kit RTSR-PTK (includes RTSR-CLK seal kit), junction box power termination kit RT-JBC1, or cold lead power termination kit RT-RCL, dead end seal kit RTSR-ESK or RT-RES, splice kit RTSR-SK or splice and/or TEE Kit RT-RST.
- Type STW-3 termination sets for pipe and vessel tracing (fixed) Desig. 3A, 3C, consisting of: Power termination (cold lead) kit CLK (with end seal), splice and/or TEE Kit SPK-1.
- Type STW cable for pipe and vessel tracing (fixed) Desig. 3A, 3C, TPE insulated, 90C max, 5A/CCT max, Cat No STW-3, 3W/Ft, 120V or 240V; STW-4, 4W/Ft, 120V or 240V; STW-5, 5W/ft, 120 or 240V; STW-8, 8W/Ft, 120V or 240V.
- EL accessory kits for use with parallel constant wattage heating cable Type CWM; power termination kits, Cat Nos RT-JBC2 and JBLT; end seal kit, Cat No RT-TES; splice and tee kit, Cat No RT-TST; and signal light kit, Cat No SL.
- DL accessory kits for use with parallel self-regulating heating cable Types RTSR/SRL/SRF and SRM and SRM/E and parallel constant wattage heating cable Type CWM; power termination kits, Cat Nos RTPC, RTAS, and RTBC; splice and tee termination kit, Cat No RTST; end termination kit Cat No RTES.

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- Safe-T-Melt cable for roof de-icing, Designation 2E, TPR insulated with braided jacket and Tefzel or Halar covering, 90C max, 5A per circuit max. Type STM5-1, 5W per ft at 4.4C, 120V, 100 ft max per circuit; Type STM5-2, 5W per ft at 4.4C, 240V, 150 ft max per circuit.
- Safe-T-Melt sets for roof de-icing, Designation 2E, TPR insulated 90C max, 5A per circuit max consisting of Safe-T-Melt cable Types STM5-1, STM5-2 above with power termination kit Cat No RPK, splice kit Cat No RSK, downspout hanger kit Cat No RDK and roof clip kit Cat No RCK.
- Type SRL/SRF cable for pipe and vessel tracing (fixed), designation 3A, 3C and 5A, 90C max.

Cat No	Voltage Rating	W/ft	Insulation
SRL3-1/SRF3-1	120	3	TPE
SRL3-2/SRF3-2	240	3	TPE
SRL5-1/SRF5-1	120	5	TPE
SRL5-2/SRF5-2	240	5	TPE
SRL6-1/SRF6-1	120	6	TPE
SRL6-2/SRF6-2	240	6	TPE
SRL8-1/SRF8-1	120	8	TPE
SRL8-2/SRF8-2	240	8	TPE
SRL10-1/SRF10-1	120	10	TPE
SRL10-2/SRF10-2	240	10	TPE

Notes:

1. Suffix M indicates monitor wire version (RTSR/SRL/SRF, SRM).
  2. Suffix K indicates one layer Kevlar (plastic) braid (RTSR/SRL/SRF).
  3. Suffix 2K indicates two layer Kevlar (plastic) braid (RTSR/SRL/SRF).
  4. Suffix C indicates optional metal braid (RTSR/SRL/SRF, SRM, CWM).
  5. Suffix CR indicates optional metal braid and optional TPE overjacket (RTSR/SRL/SRF).
  6. Suffix CT indicates optional metal braid and optional fluoropolymer overjacket (RTSR/SRL/SRF, SRM, CWM).
- Type SRM/E Series self regulating heating cables for metal pipe and vessel tracing (fixed), designation 3A, 3C and 5A, FEP insulated, 190C max, 29A/CCT max, Cat Nos: SRM/E3-1XX, 120V, 3W/ft, SRM/E3-2XX, 240V, 3W/ft, SRM/E5-1XX, 120V, 5W/ft, SRM/E5-2XX, 240V, 5W/ft, SRM/E8-1XX, 120V, 8W/ft, SRM/E8-2XX, 240V, 8W/ft, SRM/E10-1XX, 120V, 10W/ft, SRM/E10-2XX, 240V, 10W/ft, SRM/E15-1XX, 120V, 15W/ft, SRM/E15-2XX, 240V, 15W/ft, SRM/E20-1, 120V, 20W/ft, SRM, E20-2XX, 240V, 20W/ft.

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Canadian Standards Association  
Association canadienne de normalisation

# CERTIFICATION RECORD

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Note: Where XX denotes suffix "C" or "CT"; suffix "C" denotes metal braid over insulation; suffix "CT" denotes metal braid over insulation and overall fluoropolymer jacket.

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