



Certificate of Compliance

Certificate: 1471538 (LR 56639)

Master Contract: 151063

Project: 1778390

Date Issued: 2006/04/16

Issued to: Chromalox, Inc.

103 Gamma Dr Ext
Pittsburgh, PA 15238
USA

Attention: Mr. Mark Crombie

The products listed below are eligible to bear the CSA Mark shown



Issued by: Andrea Holbeche

Authorized by: Patricia Pasemko, Operations
Manager

PRODUCTS

CLASS 2878 01 - HEATERS - Cable and Cable Sets - For Hazardous Locations

Class I, Div. 1, Groups B, C and D; Class II, Div. 1, Groups E, F and G; Types 3, 4; Temperature Coded

· Series HSRL-CT, SRL-CT and HSRL/S-CT self regulating parallel, Low Temperature Electrical Heat Tracing Cable Systems for metal pipe and vessel tracing (fixed); Rated 120, 208-277 V ac; 3, 5, 8 or 10 W/ft @50°F.

· Series HSRM-CT, SRM/E-CT, HSRM/S-CT and HSRS self regulating parallel, Medium Temperature Electrical Heat Tracing Cable Systems for metal and vessel tracing (fixed); Rated 120, 208-277 V ac; 5, 8, 10, 15 or 20 W/ft @ 50°F (Note: Type HSRS available in 5, 10, 15, and 20W/ft only).

· Connection Kits for Series HSRL-CT, SRL-CT, HSRL/S-CT, HSRM-CT, SRM/E-CT, HSRM/S-CT, and



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HSRS Electrical Heating Tracing Cable Systems; Power Connection Kit, Model HL-PC; End Seal Kit, Model HL-ES; Splice Kit, Model HL-S and Tee kit, Model HL-T.

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No 0 General Requirements - Canadian Electrical Code, Part II

CSA Standard C22.2 No 25 Enclosures for Use in Class II Groups E, F and G Hazardous Locations

CSA Standard C22.2 No 30 Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CSA Standard C22.2 No 130.03 Requirements for Electrical Resistance Heating Cables and Heating Devices Sets

MARKINGS

Packaging:

The original carton, container, spool, or reel in or which the heating device or heating device set leaves the factory shall be clearly marked with the following information:

- Manufacturer's name, trademark, or other recognized symbol of identification;
- The Catalog number, reference number or model;
- The month and year of manufacture, date code, applicable serial number, or equivalent;
- The words "Refer to installation instructions", or equivalent wording, and any applicable notices, warnings, and directions to the installer;
- The warning "CAUTION: a ground fault protection device must be used with this heating device" and French equivalent wordings;
- The maximum voltage for which the heating device or heating device set is intended;
- The maximum rated current or, for factory-assembled heating devices sets, the total wattage;
- The rated output of the device expressed in total watts, watts per unit length, or watts per unit area at a reference temperature, if applicable;
- The words "heating cable set" and Usage markings "G – General Use" and "W – with wet ratings";
- The manufacture's declared minimum installation temperature;
- An explanation of -X marking for specific applications.
- The Class(es) and, where appropriate, Division(s) and Group(s) of Hazardous Locations rating (e.g., Class I, Division



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1, Groups B, C, and D); and

- The Temperature Code (e.g., T6, T5, T4A, T3C, T3A or T2C) or maximum sheath temperature of the heating device

Field-Assembled Heating Device Sets:

Heating devices intended for field assembly shall be clearly and permanently marked on the device or the attached tag with the following information:

- Manufacturer's name, trademark, or other recognized symbol of identification;
- The Catalog number, reference number or model;
- The month and year of manufacture, date code, applicable serial number, or equivalent;
- The words "Refer to installation instructions", or equivalent wording, and any applicable notices, warnings, and directions to the installer;
- The warning "CAUTION: a ground fault protection device must be used with this heating device" and French equivalent wordings;
- The rated voltage;
- The rated current or, the total wattage;
- The words "series" or "parallel";
- The Usage markings "G – General Use" and "W – with wet ratings";
- The Class(es) and, where appropriate, Division(s) and Group(s) of Hazardous Locations rating (e.g., Class I, Division 1, Groups B, C, and D); and
- The Temperature Code (e.g., T6, T5, T4A, T3C, T3A or T2C) or maximum sheath temperature of the heating device.

Connections and Termination Components:

The cartons or containers and the instructions of all connection and termination kits shall be clearly marked with the following information:

- The manufacturer's name, trademark, or other recognized symbol of identification;
- The catalogue number, reference number, or model;
- Intended use (i.e., FOR USE WITH (Manufacturer) MODEL (type, series, or designation) HEATING CABLE;
- The words "SEE INSTALLATION INSTRUCTIONS" and any applicable notices, warnings, or directions to the



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user;

- The maximum permissible steady-state current;
- The rated voltage;
- Maximum temperature continuous exposure;
- The Class(es) and, where appropriate, Division(s) and Group(s) of Hazardous Locations rating (e.g., Class I, Division 1, Groups B, C, and D); and
- Maximum operating temperature or Temperature Code