

Approval Guide



Electrical Heat Tracing Systems

This includes equipment listed for Hazardous (Classified) Locations as well as nonhazardous (ordinary) locations. Equipment listed for Hazardous (Classified) Locations is also suitable for installations in areas that are nonhazardous (ordinary) locations.

For an explanation of the equipment listing rating depicted, e.g. "S / I / 2 / BCD / T5; S / II / 2 / FG / T5; S / III / 1 / T5; Type 4X", refer to the explanation at the beginning of Hazardous (Classified) Location Electrical Equipment.

An electrical heat tracing system is designed to prevent freezing and to ease the flow of fluids in process piping. It essentially consists of resistance type heater cables permanently fastened to the process pipe. The equipment can maintain specific temperatures by the use of a temperature-regulating controller.

Self-Regulating

SLMCAB

SLMCAB abc, Self-Regulating Heat Trace Cable Systems.

S / I / 2 / BCD / T3

S / II,III / 2 / FG / T3;

a = Nominal Output Power (W/ft @ 50°F (W/m @ 10°C): 5 (16), 10 (33), or 15 (49).

b = Voltage (Vac): 120 or 240.

c = B (Tinned copper metal braid); BF (Tinned copper metal braid with fluoropolymer overjacket).

Special Condition of Use:

1. Maximum Maintain Temperature: 250°F (121°C).

2. Maximum Exposure Temperature: 366°F (185°C).

3. The SLMCAB heat trace cables are also approved for unclassified (non-hazardous) locations.

The SLMCAB heat trace cables are designed for use with the MLKCABa (where a = 120 or 240Vac) End of Circuit Light Kit, SLMCABKC End Termination Kit, SLMCABUC Metallic Power Connection Kit, SLCABEND-CSA End Seal Kit, SLCABJB-2 Conduit Box, 3 Hub, 3/4" NPT, SLCABEFa (where a = 50 (1/2" NPT) or 75 (3/4" NPT) Seal Fitting, SLCABTK Industrial T Kit.

Company Name:	BriskHeat Corp
Company Address:	4800 Hilton Corporate Drive, Columbus, Ohio 43232, USA
Company Website:	http://www.briskheat.com
New/Updated Product Listing:	No
Listing Country:	United States of America
Certification Type:	FM Approved
Hazardous Location Classification:	S / I / 2 / BCD / T3, S / II,III / 2 / FG / T3

Obtained from the FM Online Approval Guide

Date: April 12, 2016

Signature:

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