

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

SLCAB

SLCAB abc, Self-Regulating Heat Trace Cable Systems.

S / I / 2 / BCD / *

S / II,III / 2 / FG / *

a = Nominal Output Power (W/ft @ 50°F (W/m @ 10°C): 3 (10), 5 (16), 8 (26), or 10 (33).

b = Voltage (Vac): 120 or 240.

c = B (Tinned copper metal braid); BF, (Tinned copper metal braid with fluoropolymer overjacket); BP (Tinned copper metal braid with thermoplastic elastomer); or SS (Tinned copper metal braid with stainless steel metal braid).

* = Temperature Code Rating: T6 for 3, 5 and 8 W/ft cables or T5 for 10 W/ft cables.

Special Condition of Use:

1. Maximum Maintain Temperature: 150°F (65°C).

Maximum Exposure Temperature: 185°F (85°C).

2. The SLCA heat trace cables are designed for use with the MLKCABa (where a = 120 or 240Vac) End of Circuit Light Kit, SLCABKC End Terminal Kit, SLCABUC Metallic power Connection Kit, SLCABSK Splice Connection Kit, SLCABEND-CSA End Seal Kit, SLCABJB-2 Conduit Box, 3 Hub, 3/4" NPT, SLCABJBa (where a = 50 (1/2"NPT) or 75 (3/4" NPT) Seal Fitting, SLCABTK Industrial T kit.

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

| | |
|---|---|
| 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, S / II,III / 2 |

Obtained from the FM Online Approval Guide

Date: April 12, 2016

Signature:

Full Name: Douglas R. Dietz

Position: Vice President of Engineering