

## 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.

### Parallel Resistance

#### KM-CAB

##### **KM-CAB a-b-c. Parallel Resistance Heat Trace Cable System.**

S / I / 2 / BCD / T2A; S / II / 2 / FG / T2A; S / III / 2 / T2A

a = Watts Per Foot: 4, 8 or 12.

b = Voltage: 120, 208, 240, 277 or 480.

c = Bus Wire Size: 16 or 12.

##### **Special Conditions of Use:**


1. The maximum maintain temperature rating is 260°C (500°F), and the maximum exposure temperature (Power Off - continuous) rating is 260°C (500°F).

2. The KM-CAB electrical heat trace cable systems are designed for use with manufacturer's suitably rated FM Approved connection kits.

<b>Company Name:</b>	BriskHeat Corp
<b>Company Address:</b>	4800 Hilton Corporate Drive, Columbus, Ohio 43232, USA
<b>Company Website:</b>	<a href="http://www.briskheat.com">http://www.briskheat.com</a>
<b>New/Updated Product Listing:</b>	No
<b>Listing Country:</b>	United States of America
<b>Certification Type:</b>	FM Approved

Obtained from the FM Online Approval Guide

Date: April 12, 2016

Signature:   
 Full Name: Douglas R. Dietz  
 Position: Vice President of Engineering