

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.

Drum

DHaX

DHaXbcdef-Tg Drum Heaters.

S / I / 2 / ABCD[‡] / T*

S / II / 2 / FG / T*

a = Temperature control C = with and N = without.

b = Voltage rating 1 = 120 volts, 2 = 240 volts, A = 24 volts or B = 12 volts.

c = Drum size 0 = 5 gallon, 1 = 15 gallon, 3 = 30 gallon and 5 = 55 gallons.

d = Wattage (at a watt density maximum of 2.5 W/in² or less).

e = Pressure Sensitive Adhesive, P or Blank.

f = S for insulation or Blank.

g = T3 or T4A.

Special Conditions of Use:

1. Maximum Maintain Temperature is 383°F (195°C). Maximum Exposure Temperature (Power Off) of 400°F (204°C).

*T4A temperature code rating when protected with 70°C rated thermal cutout, and T3 temperature code rating when protected with 145°C or 150°C rated thermal cutout.

‡Series DHCX hazardous (classified) location Group A not applicable.

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 / ABCD, S / II / 2 / FG

Obtained from the FM Online Approval Guide

Date: April 12, 2016

Signature:

Full Name:

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Position:

Vice President of Engineering