



FM Approvals  
1151 Boston-Providence Turnpike  
P.O. Box 9102 Norwood, MA 02062 USA  
T: 781 762 4300 F: 781 762 9375 www.fmglobal.com

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

**FE-CAB a-b B. Parallel Resistance Heat Trace Cable System.**

S/II/2/BCD/T2D; S/II/2/FG/T2D; S/III/2/T2D

a = Watts Per Foot: 3, 5, 8 or 12.

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

*Special Conditions of Use:*

1. The maximum maintain temperature rating is 204°C (400°F), and the maximum exposure temperature (Power Off – continuous) rating is 204°C (400°F).
2. The FE-CAB electrical heat trace cable systems are designed for use with manufacturer's suitably rated FM Approved connection kits.

**KK-CAB a-b. Parallel Resistance Heat Trace Cable System.**

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

a = Watts Per Foot: 4, 8, 12 or 18.

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

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

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

S/II/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.





**KE-CAB a-b. Parallel Resistance Heat Trace Cable System.**

S/II/2/BCD/T2B; S/II/2/FG/T2B; S/III/2/T2B

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

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

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

**Equipment Ratings:**

Suitable apparatus for use in Class I, Division 2, Groups B, C and D; suitable for use in Class II, Division 2, Groups F and G; and suitable for use in Class III, Division 2; hazardous (classified) locations and unclassified locations.

**Approved for:**

BH Thermal Corporation  
1055 Gibbard Avenue  
Columbus, OH 43201



This certifies that the equipment described has been found to comply with the following FM Approval Standards and other documents:

Class 3600	1998
Class 3611	1999
Class 3810	1989
Supplement 1	1995
IEEE 515	1997

Original Project ID: 3011316

FM Approval Granted: September 2, 2004

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
050601	<i>JUNE 24, 2005</i>		

FM Global Technologies LLC

Roger L. Allard  
Assistant Vice President  
FM Approvals

*JUNE 24, 2005*  
Date