

EHD Heat Detectors

EXPLOSIONPROOF

For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0 to 1 Standard Zone 1 and Zone 2

Technical data

Type of Protection: Ex d IIA T6

Conforming to : Standards IEC 60079-0 to 1 or UL 60079-1

Marking for test : Ex II2G

Degree of Protection : IP 65 acc.To IEC 60529

Temperature Rating : 135 °F (57 °C)

Rated Voltage : 6 , 12 , 24 V.DC./ 1A.

: 110 , 220V.AC. / 3A.

Type : EHD

Grill : Epoxy-polyester powder

Body and junction box : Copper-free aluminium

Protection class for UL. : Class I, Division1 or 2 Group.C,D

Class II, Division1 or 2 Groups.E,F,G

Class III

Protection class for IEC : Zone1and Zone 2



ISO9001:2008



EHD

Applications:

The EHD heat detector is used

for Fire Protective Signaling Systems.The detector shall be,

either a single-circuit type,normally open. The Detectors shall be rated for activation at either 135 °F (57 °C) or 194 °F (90 °C);

and shall activate by means of a fixed temperature /rate-of-rise thermal sensor. The rate-of-rise element shall be activated by a rapid rise in temperature,approximately 15 °F (8.3 °C) per minute.

Features:

- Copper-free aluminium body, coated with epoxy-polyester powder for corrosion resistant.
- Body and junction box is threaded joint for easy wires connection.
- Grill type and surface mounted.
- Through-feed 3/4" inch NPT standard conduit hub.

Standard Finishes:

- Body and Junction box - Epoxy-polyester powder
- Grill - Epoxy-polyester powder

Catalogue Number:

Supply Voltage	Tem, Rating	Tem, Rating	Circuit	Cat.No.
6 V.DC.	135 °F(57 °C)	194 °F(90 °C)	Single	EHD - 6
12V.DC.	135 °F(57 °C)	194 °F(90 °C)	Single	EHD - 12
24V.DC.	135 °F(57 °C)	194 °F(90 °C)	Single	EHD - 24
110V.AC.	135 °F(57 °C)	194 °F(90 °C)	Single	EHD - 110
220V.AC.	135 °F(57 °C)	194 °F(90 °C)	Single	EHD - 220

Remark: UL Protected Spacing - 10 Foot Ceiling
50 feet x 50 feet (15.24m x 15.2m)

Dimension : (in mm.)

