Intrinsically Safe

DCD-1E-IS

Intrinsically Safe Conventional Rate of Rise Heat Detector



Features

- Twin fire LEDs allow 360° viewing
- Electronics free mounting base
- Remote indicator output
- ATEX Classification to II 1G EEx ia IIC T5 Tamb=55 °C
- Suitable for installation in areas at Category 1 (inc all lower categories)
- Approved by LPCB and GL

Description

The DCD-1E-IS is an Intrinsically Safe Conventional Rate of Rise Heat Detector with a 60° fixed temperature element designed for use in hazardous areas. The unit also features a remote indicator output. The DCD-1E-IS is an Intrinsically Safe Conventional Rate of Rise Heat Detector with a 60° fixed temperature element designed for use in hazardous areas. The unit also features a remote indicator output.

Specification	
Operating Voltage	15 – 30 V dc
Quiescent Current (typ)	50 µA
Maximum Current in Alarm	50 mA
Operating Temperature Range	-10 °C to + 55 °C
Storage Temperature Range	-30 °C to + 70 °C
Maximum Humidity	95% RH - Non Condensing (at 40 °C)
Ingress Protection Rating	IP63
Colour / Case Material	Ivory or White / ABS
Weight (g) / Diameter (mm) / Height (mm)	97 / 100 / 40
Compatible Base / Height (mm)	YBN-R/4(IS) / 8
Fixing Centres (mm)	48 ~ 74

Ordering Codes

Product	Part Number
Instrinsically Safe Conventional Rate of Rise Heat Detector Ivory Case	DCD-1E-IS
Instrinsically Safe Conventional Rate of Rise Heat Detector White Case	DCD-1E-IS(WHT)

Approvals

LPCB 0007

For further information visit www.hochikieurope.com/cdx

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