

# DCD-1E-IS

## Intrinsicly Safe Conventional Rate of Rise Heat Detector

### Features

- ▶ Twin fire LEDs allow 360° viewing
- ▶ Electronics free mounting base
- ▶ Remote indicator output
- ▶ ATEX Classification to:
  - ▶ Intrinsic Safety to classification II I G Ex ia IIC T5 (-20°C ≤ Ta ≤ +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 Intrinsicly 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 Intrinsicly Safe

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### Specification

Ordering codes	DCD-1E-IS - Ivory / DCD-1E-IS(WHT) - White
Operating Voltage	15 – 30 VDC
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 / Base Height (mm)	YBN-R/4(IS) / 8
Base Fixing Centres (mm)	48 ~ 74
Approvals	LPCB Germanischer Lloyd
ATEX Certification	Certificate Number: BAS01ATEX1021X
	Intrinsic Safety to classification II I G Ex ia IIC T5 (-20°C ≤ Ta ≤ +55°C)



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