

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:
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, VdS and DNV.



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.

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	40 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 & VdS DNV
ATEX certification	Certificate number: BAS01ATEX1021X
	Intrinsic Safety to classification II I G Ex ia IIC T5 (-20°C ≤ Ta ≤ +55°C)