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Illumino Ignis Ltd™
LIGHTING & FIRE DESIGN, SUPPLY & SUPPORT

Conventional Combined Rate of Rise & Fixed Temperature Heat Detector (90°C)

Conventional - Devices

Part No. DCD-CE3

www.illuminoignis.co.uk

Product Details

Model DCD-CE3 is a Rate of Rise Heat Detector with a 90 °C fixed temperature element using a thermistor and linearising circuit to provide an accurate linear response Heat Detector.

The DCD-CE3 is ideal for use where medium ambient temperatures exist, such as drying rooms or where Smoke Detectors are unsuitable because of the presence of steam or cooking fumes such as in a kitchen.

The DCD-CE3 is supported by a wide range of bases for different applications and these are supported on the majority of conventional systems. A third terminal provides remote indicator output.



Key Features

- Electronic linear heat detection
- Incorporates a 90° C fixed temperature element
- Remote Indicator output
- Wide voltage range (9.5 ~ 30 V dc)
- Twin fire LEDs allow 360° viewing
- Full range of mounting bases
- Approved by LPCB & VdS
- Also available in white

Technical Specifications

Operating Voltage	9.5 – 30 V dc
Quiescent Current (typ)	35 µA
Maximum Current in Alarm	40 mA
Remote Indicator Drive	20 mA (max) / 9.5-14 mA (typ)
Operating Temperature Range	-10 °C to +50 °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 / Polycarbonate
Weight (g) / Diameter (mm) / Height (mm)	76 / 100 / 38
Compatible Bases	YBN-R6, YBN-R/6SK, YBO-R/6R, YBO-R/6RS, YBO-R/6RN, YBO-R/6PA
Base Fixing Centres (mm)	48 ~ 74
Approvals to (EN54:2000) Class C & CR	LPCB
	VdS (G204045)

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