

DCD-CE3

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

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.



Description

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.

Specification

Ordering codes	DCD-CE3 - Ivory / DCD-CE3(WHT) - White
Operating voltage	9.5 – 30 VDC
Quiescent current	35 µA
Maximum current in alarm (typical)	40 mA
Remote indicator drive	20 mA (max) / 9.5-14 mA (typ)
IP rating	IP63
Maximum humidity	95% RH - Non condensing (at 40°C)
Operating Temperature Range	-10 °C to +50 °C
Storage Temperature Range	-30 °C to +70 °C
Colour / Case material	Ivory or White / Polycarbonate
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
Weight (g) / Dimensions (mm)	76 / ø 100 x H 38
Approvals to EN 54-5:2017 Category C & CR	LPCB VdS (G204045)*

* Note: only applicable to YBN-R/6SK base.