

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

DCD-C3



Features

- Electronic linear heat detection
- Remote Indicator output
- Wide voltage range (9.5 ~ 30Vd.c.), can be installed on security systems
- Twin fire LED's allow 360° viewing
- Fixed temperature detector
- Full Range of mounting bases
- Approved by AS7240.5

Description

Model DCD-C3 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-C3 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-C3 is supported by a range of bases for different applications.

A third terminal provides remote indicator output.

Specification	
Ordering Code	DCD-C3
Operating Voltage	9.5 - 30Vd.c.
Quiescent Current (typ)	35µA
Maximum Current in Alarm (typ)	80mA
Remote Indicator Drive	20mA (max)/ 9.5-14mA (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	White / Polycarbonate
Weight (g) / Diameter (mm)/ Height (mm)	76 / 100 / 38
Compatible Bases	YBN-R/6(WHT), YBO-R/6PA(WHT)
Base Fixing Centres (mm)	48 ~ 74
Approvals	AS7240.5
	Class A1R