

SPECIFICATION

Document Title Conventional Combined Heat Detector
Model DCD-1E Grade 1 (60°C)

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Conventional Combined Heat Detector Model DCD-1E Grade 1 (60°C)

Features

- ▶ Electronic linear heat detection
- ▶ Twin fire LED's allow 360° viewing
- ▶ Grade 1 Rate of Rise detector
- ▶ Full range of mounting bases
- ▶ Approved to EN54 Part 5



Description

Model DCD-1E is a Rate of Rise Heat Detector with a 60° fixed temperature element, the DCD-1E uses a thermistor and linearising circuit to provide an accurate linear response Heat Detector.

The DCD-1E 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-1E is supported by a wide range of bases for different applications and these are supported on the majority of conventional systems.

Specification

Ordering Code	DCD-1E
Operating Voltage	15-30V
Quiescent Current	35µA
Max. Current in Alarm	40mA
Operating Temp. Range	-10°C to +50°C
Storage Temp. Range	-30°C to +70°C
Maximum Humidity	95%RH - Non Condensing (at 40°C)
Case Material	Polycarbonate
Diameter	100mm
Height with Base	47mm
Compatible Bases	YBN-R4, YBK-R5 /5SK /5ZD /5R2
Base Fixing Centres	48mm through to 74mm
Weight (inc. base)	95g (105g)