

Conventional Combined Rate of Rise & Fixed Temperature Heat Detector (60°C) *DCD-AE3*



Features

- ▶ Electronic linear heat detection
- ▶ Remote Indicator output
- ▶ Wide voltage range (9.5 ~ 30Vd.c.)
- ▶ Twin fire LED's allow 360° viewing
- ▶ Range of mounting bases
- ▶ LPCB & VdS Approved

Description

Model DCD-AE3 is a Rate of Rise Heat Detector with a 60°C fixed temperature element using a thermistor and linearising circuit to provide an accurate linear response Heat Detector.

The DCD-AE3 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-AE3 is supported by a range of bases for different applications and these are supported on the majority of conventional systems. A third terminal provides remote indicator output. Also available DCD-CE3 90°C RoR. : DFJ-AE3 60°C fixed temp. : DFJ-CE3 90°C fixed temp.

Specification	
Ordering Code	DCD-AE3
Operating Voltage	9.5 - 30Vd.c.
Quiescent Current (typ)	35µA
Maximum Current in Alarm (typ)	40mA
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	Ivory White / Polycarbonate
Weight (g) / Diameter (mm) / Height with base (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 A1 & A1R	LPCB
	VdS (G204044)