

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



## 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
- ▶ Full Range of mounting bases
- ▶ Approved by LPCB

## Description

Model DCD-AE3(HFP) 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(HFP) 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(HFP) 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.

Specification	
Ordering Code	DCD-AE3(HFP)
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 or White / Polycarbonate
Weight (g) / Diameter (mm) / Height (mm)	76 / 100 / 38
Compatible Bases	YBN-R6(HFP), YBN-R/6SK(WHT), YBO-R/6R(WHT), YBO-R/6RS(WHT), YBO-R/6RN(WHT)
Base Fixing Centres (mm)	48 ~ 74
Approvals to (EN54:2000) Class A1 & A1R	LPCB