

DCD-AE3M

Marine Approved Conventional Combined Rate of Rise & Fixed Temperature Heat Detector (60°C)

Features

- ▶ Electronic linear heat detection
- ▶ Remote Indicator output
- ▶ Wide voltage range (9.5 ~ 30 VDC)
- ▶ Twin fire LEDs allow 360° viewing
- ▶ Approved for marine use by DNV.



Description

DCD-AE3M is a Marine-Approved 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-AE3M 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-AE3M 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-AE3M
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 / Polycarbonate
Compatible bases	YBN-R/6M
Base fixing centres (mm)	48 ~ 74
Weight (g) / Dimensions (mm)	76 / Ø 100 x H 38
Approvals to (EN54:2000) Class A1 & A1R	DNV



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