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

Your Safety, Our Technology

Features

- Electronic linear heat detection
- Remote indicator output
- Wide voltage range (9.5 ~ 30 V dc)
- Twin fire LEDs allow 360° viewing
- Approved by LPCB and GL



Description

Model 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/galley.

The DCD-AE3M is supported on the majority of conventional systems. A third terminal provides remote indicator output.

Specification

Ordering Code	DCD-AE3M
Operating Voltage	9.5 – 30 V dc
Quiescent Current (typ)	35 °A
Maximum Current in Alarm (typ)	40 mA
Remote Indicator Drive	20 mA (max) / 9.5-14 mA (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 Base	YBN-R/6M
Base Fixing Centres (mm)	48 ~ 74
Approvals to (EN54:2000) Class A1 & A1R	LPCB & GL

Ordering Codes

Product	Part Number
Instrinsically Safe Conventional Rate of Rise Heat Detector	DCD-AE3M
Instrinsically Safe Conventional Rate of Rise Heat Detector White Case	DCD-AE3M(WHT)

Approvals

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