

# Marine Approved Conventional Combined Rate of Rise & Fixed Temperature Heat Detector (60°C) **DCD-AE3M**



## 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
- ▶ Approved by LPCB, LRS, MCA 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 - 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 (mm) | 76 / 100 / 38                                  |
| Compatible Base                          | YBN-R/6M                                       |
| Base Fixing Centres (mm)                 | 48 ~ 74  |
| Approvals to (EN54:2000) Class A1 & A1R  | LPCB, Lloyds Register, Germanischer Lloyd, MCA |