

DFJ-AE3

Conventional Fixed Temperature Heat Detector (60 °C)

Features

- ▶ Electronic linear heat detection
- ▶ Remote Indicator output
- ▶ Wide voltage range (9.5 ~ 30 V dc)
- ▶ Twin fire LEDs allow 360° viewing
- ▶ Fixed Temperature Detector
- ▶ Full range of mounting bases
- ▶ Approved by LPCB & VdS
- ▶ Also available in white.



Description

Model DFJ-AE3 is a 60 °C Fixed Temperature Heat Detector using a thermistor and linearising circuit to provide an accurate linear response Heat Detector. A third terminal provides integral remote indicator output.

The DFJ-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 DJF-AE3 is supported by a wide 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 codes	DFJ-AE3 - Ivory / DFJ-AE3(WHT) - White
Operating voltage	9.5 – 30 VDC
Quiescent current	35 µA
Maximum current in alarm (typical)	40 mA
IP rating	IP63
Remote indicator drive (typical)	20 mA (max) / 9.5 - 14 mA
Maximum humidity	95% RH - Non-condensing (at 40 °C)
Operating Temperature Range	-10 °C to +50 °C
Operating Temperature Range	-30 °C to +70 °C
Colour / Case material	Ivory or White / Modified Polycarbonate
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
Weight (g) / Dimensions (mm)	76 / ø 100 x H 38
Approvals to EN 54-5:2017 Category A1 & A1S	LPCB VdS (G204046)*

* Note: only applicable to YBN-R/6SK base.