

DFJ-CE3

Conventional Fixed Temperature Heat Detector (90 °C)

Features

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



Description

Model DFJ-CE3 is a 90 °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-CE3 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 DFJ-CE3 is supported by a wide range of bases for different applications and these are supported on the majority of conventional systems.

Specification

Ordering codes	DFJ-CE3 - Ivory / DFJ-CE3(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
Storage 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 C & CS	LPCB VdS (G204047)*

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