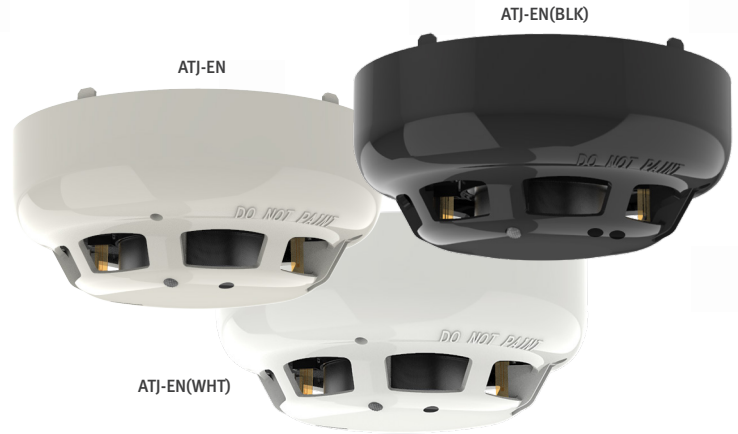


ESP intelligent ATJ-EN

Analogue Multi-Heat Sensor

Features

- ▶ User selectable modes
- ▶ Incorporates Fixed Temperature and Rate of Rise Heat elements
- ▶ Twin LEDs allow 360° viewing – green when polling, turn red in fire
- ▶ Pulsing/non-pulsing controlled from panel*
- ▶ Electronically addressed
- ▶ LPCB & VdS approved to classes A1, B & C
- ▶ SIL Level 2 approved variants available.



Description

Model ATJ-EN is a Multi-Heat Sensor, which is fully compatible with Hochiki's ESP Analogue Addressable Protocol.

The ATJ-EN incorporates a Variable Temperature heat element and a Rate of Rise heat element, both of which are controlled from the Control Panel, allowing either thermal element or both elements simultaneously to be active in making the fire decision. The sensor polling LEDs can also be controlled via the Control Panel (pulsing/non-pulsing)*.

Specification

| | |
|-----------------------------------|---|
| Operating Voltage | 17 – 41 VDC |
| Low Power Mode (typ) | 110 µA |
| Quiescent Current (typ) | 350 µA |
| Alarm Current (controlled by CIE) | 9.1 mA (excluding remote indicator) |
| Transmission Method | Digital Communications Using ESP |
| Operating Temperature Range | -10 °C to + 50 °C |
| Operating Humidity | 95% RH - Non Condensing (at 40 °C) |
| Storage Temperature Range | -30 °C to +60 °C |
| Storage Humidity | <80% RH at 70 °C |
| Colour / Case Material | Ivory or White or Black / Polycarbonate |
| Weight (g) | 90 |
| Diameter (mm) / Height (mm) | 100 / 45 |
| Base Fixing Centres (mm) | 48 ~ 74 |
| Compatible Bases* | YBN-R/3, YBO-R/SCI, YBO-BS, YBO-BSB, YBN-R/3(SCI) |
| Approvals | Classes A1R, BR, CR, A1S, BS & CS |
| IP Rating | BS EN 60529:1992+A2 2013 (Protection rating IP42) |

*Control Panel compatibility required

Ordering Codes

Product Part Number

| | |
|---|-------------|
| Analogue Multi-Heat Sensor | ATJ-EN |
| Analogue Multi-Heat Sensor (White Case) | ATJ-EN(WHT) |
| Analogue Multi-Heat Sensor (Black Case) | ATJ-EN(BLK) |