ESP Intelligent

Your Safety, Our Technology

ATJ-EN

Intelligent (Analogue Addressable) 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	
Ordering Code	ATJ-EN - Ivory / ATJ-EN(WHT) - White / ATJ-EN(BLK) - Black
Operating Voltage	17 to 41 VDC
Low Power Mode (typ)	110 µA
Quiescent Mode Current	350 µA (typ) at 24 VDC
Maximum Current Consumption	30 mA
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, White or Black / Polycarbonate
Weight (g)	90
Diameter (mm) / Height (mm)	Ø 100 / 45
Compatible Bases*	YBN-R/3, YBO-BS, YBO-BSB2, YBN-R/3(SCI)
Base Fixing Centres (mm)	48 ~ 74
Approvals	Classes A1R, BR, CR, A1S, BS & CS
IP Rating	BS EN 60529:1992+A2 2013 (Protection rating IP42)

*Control Panel compatibility required.

For further information visit our website.

Hochiki reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained in this document it is not warranted or represented by Hochiki to be a complete and up-to-date description. Check online for current version.

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