ESP Intelligent

Your Safety, Our Technology

ATJ-EN(SCI)

Analogue Multi-Heat Sensor with SCI

Features

- User selectable modes
- Incorporates Fixed Temperature and Rate of Rise Heat elements
- Twin LEDs allow 360° viewing – green when polling, amber when isolating, red in fire
- Pulsing/non-pulsing controlled from panel*1
- Electronically Addressed
- LPCB & VdS approved to Classes A1, B & C***

Description

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

The ATJ-EN(SCI) 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(SCI) - Ivory / ATJ-EN(SCI)WHT - White / ATJ-EN(SCI)BLK - Black
Operating Voltage	17 to 41 VDC
Low Power Mode (typ)	110 µA
Quiescent Mode Current	410 µA (typ) at 24 VDC
Maximum Current Consumption	45.5 mA
Alarm Current (controlled by CIE)	9.1 mA (excluding remote indicator)
Current in short circuit	13.5 mA
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)	95
Diameter (mm) / Height (mm)	Ø 100 / 45
Compatible Bases*	YBV-R/4
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
*2 YBV-R/4 base maintains SCI functionality. For further information on compatible bases please refer to Application Note AP144 available online.
*3 Approval only on White and Ivory

For further information visit our website.

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