

ESPintelligent ATJ-EN(SCI)

Analogue Heat Sensor with SCI

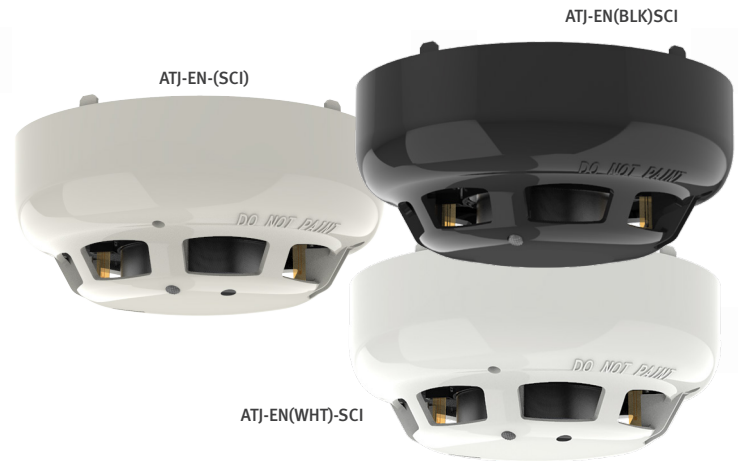
Features

- ▶ 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 Heat Sensor with an integrated short-circuit isolator, 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)*¹.



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)
Current in Short Circuit	13.5mA
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 / Polycarbonate
Weight (g)	95
Diameter (mm) / Height (mm)	100 / 45
Base Fixing Centres (mm)	48 ~ 74
Compatible Bases* ²	YBV-R/4

*¹ 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

Product

Product	Part Number
Analogue Multi-Sensor with SCI	ATJ-EN(SCI)
Analogue Multi-Sensor with SCI (White Case)	ATJ-EN(WHT)-SCI
Analogue Multi-Sensor with SCI (Black Case)	ATJ-EN(BLK)-SCI