

# ESP intelligent ATJ-EN

## Analogue Multi-Heat Sensor

**AQL**  
PROTECCION. S. A.

**ANBER**

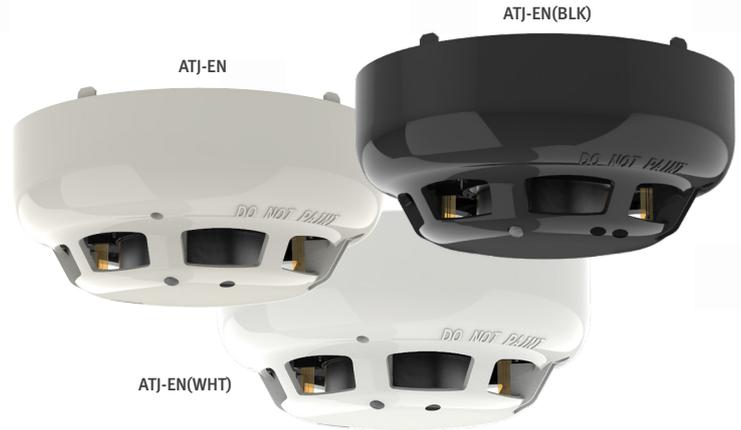
### Features

- ▶ 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)