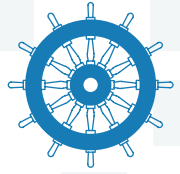# ESPintelligent
MARINE
ATJ-ENM(SCI)

Marine Analogue Multi-Heat Sensor with SCI

Features

▸ User selectable modes
▸ Incorporates Fixed Temperature and Rate of Rise Heat elements
▸ Twin LEDs allow 360º viewing – green when polling, amber when isolating, turning red in fire
▸ Pulsing/non-pulsing controlled from panel*[1]
▸ Electronically addressed
▸ EN54-5 & EN54-17 approved
▸ LPCB & VdS approved to classes A1, B & C*[3].

Description

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

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Ordering Code	ATJ-ENM(SCI) - Ivory / ATJ-ENM(WHT)-SCI - White
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	13.5 mA
Transmission Method	Digital Communications Using ESP
Operating Temperature Range	-10 ºC to + 50 ºC
Operating Humidity	95% RH - Non Condensing (at 40 ºC)
Storage Temperature Range	-30 ºC to + 60 ºC
Storage Humidity	<80% RH at 70 ºC
Colour / Case Material	Ivory or White / Polycarbonate
Weight (g) / Dimensions (mm)	95 / Ø 100 x H 45
Compatible Bases*[2]	YBV-R/4M & YBV-R/4M(WHT)
Base Fixing Centres (mm)	48 ~ 74
Approvals	Approved to MED, DNV, IEC 60092-504 requirements
IP Rating	IP42

*[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
LPCB & VdS approvals covering non marine variants only. Marine & non-marine variants are mechanically and electronically identical