ESP Intelligent

Your Safety, Our Technology

ACC-EN

Intelligent Multi Sensor

Features

- User selectable modes
- Incorporates Optical & Heat elements
- Removable, High Performance Chamber
- Twin LEDs allow 360° viewing – green when polling, turning red in fire
- Pulsing/non-pulsing controlled from panel*[1]
- Variable sensitivity
- Approved to EN54-7, 5, 29*[2]
- Electronically Addressed
- LPCB & VdS approved to classes A1 & C
- Also available in white and black
- SIL Level 2 capable variants available.



Description

Model ACC-EN is a Multi-Sensor, which is fully compatible with Hochiki's ESP Analogue Addressable Protocol, and incorporates a thermal element and High Performance photoelectric smoke chamber.

The ACC-EN has three modes, which are controlled from the Control Panel, allowing either the optical element or thermal element or both elements to be active in making the fire decision. The sensor polling LEDs can be controlled via the Control Panel (pulsing/non-pulsing). The ACC-EN smoke chamber can easily be removed or replaced for easy maintenance.

Specification

Ordering code	ACC-EN - Ivory / ACC-EN(WHT) - White / ACC-EN(BLK) - Black
Operating Voltage	17 – 41 VDC
Low Power Mode	120 µA (typ.)
Quiescent Current	400 A µA (typ.)
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 60 °C
Colour / Case Material	Ivory, White or Black / Polycarbonate
Weight (g)	95
Diameter (mm) / Height (mm)	100 / 45
Compatible Bases	YBN-R/3(WHT), YBO-BS(WHT), YBO-BSB2(WHT), YBV-R/4(WHT) (for use the SCI sensor)
Base Fixing Centres (mm)	48 ~ 74
Approvals	EN54-7, EN54-5 and EN54-29*[2] LPCB & VdS approved to classes A1 & C
Wind Exposure (Ref EN54-7)	1 ± 0,2 m s-1
IP Rating	IP42

*[1] Control Panel compatibility required
*[2] Approval pending.

For further information visit our website.
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