

Analogue Multi-Sensor ACA-E



Features

- ▶ User selectable modes
- ▶ Incorporates Optical & Heat elements
- ▶ Removable, High Performance Chamber
- ▶ Twin fire LED's allow 360° viewing
- ▶ Pulsing/non-pulsing controlled from panel
- ▶ Variable sensitivity
- ▶ Electronically Addressed
- ▶ Approved to LPCB & VdS

Description

Model ACA-E 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 ACA-E 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 LED's can be controlled via the Control Panel (pulsing/non-pulsing). The ACA-E smoke chamber can easily be removed or replaced for.

Specification		
Ordering Codes	Sensor	ACA-E
	Replacement Chamber	SLR-ALG REPLACEMENT CHAMBER
Operating Voltage		17 - 41Vd.c.
Low Power Mode (typ)		120µA
Quiescent Current (typ)		450µ A
Alarm Current (controlled by CIE)		19mA
Transmission Method		Digital Communications Using ESP
Operating Temperature Range		-10°C to + 50°C
Storage Temperature Range		-30°C to + 60°C
Maximum Humidity		95%RH - Non Condensing (at 40°C)
Ingress Protection Rating		IP42
Colour / Case Material		Ivory White / ABS
Weight (g)		100
Diameter (mm) / Height with base (mm)		100 / 46
Compatible Bases		YBN-R/3, CHQ-BS, YBO-R/SCI
Base Fixing Centres (mm)		48 ~ 74
Approvals	LPCB	EN54: Parts 5 & 7, CEA 4021: 1999
	VdS	EN54: Parts 5 & 7, CEA 4021: 1999 (G200120)

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