



Addressable Heat Detector Class A1R & CS

Addressable – Devices

Part No. EV-H-CS

www.illuminoignis.co.uk

Product Details

Unlike smoke detectors that detect the presence of smoke particles, heat detectors only react to changes in temperature. The EV-H-CS is a Thermistor based Heat Detector, which use electronic components that change their resistance when heated; this change is detected by circuitry within the detector.



Key Features

- 92°C Heat Detector
- Evolution FSK protocol
- EEPROM Addressed (Programmer)
- RIL and Base Control Outputs

Technical Specifications

Sensor Method	Thermistor
Sensor Element	Thermistor
Operating Voltage	20V d.c. to 35V d.c.
System Voltage	35V d.c
Quiescent Current	200µA
Alarm Current	5mA
Current for external remote LED indicator	2mA
Operating Temperature	– 10°C to +55 (A1R) / +80°C (CS)
Storage Temperature	– 20°C to + 60°C
Min. and Max. Static Response Temperature	A1R: 54°C / 65°C, CS: 84°C / 100°C
Charging Time	4 minutes
Relative Humidity	≤ RH95% non-condensing.
I.P. Protection Rating	IP42
Addressing Method	Soft addressing, Non-Volatile EEPROM.
Material	ABS
Dimensions	Ø104mm x 42.5mm (Sensor head) Ø104mm x 57.5mm (Sensor head and UB-6-EV)
Mass	163g (Sensor head and UB-6-EV base)
EMC Conformance	BSEN50130-4
CPR Number	0832-CPR-F0417&F0420 / 0832-CPR-F1037&F1038
Standards / Certification	EN54-5 / LPCB 041 / 842
DoP Number	F0417&F0420 / F1037&F1038



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All wiring must conform to the current edition of IET Wiring regulations and BS5839 Part 1, or Local National Wiring regulations.

All Screens shall be connected continuous for incoming and outgoing cables, but must be Isolated from Ground.

Cable Screens shall be connected to Earth Ground within the Control Panel ONLY.

