Conventional Heat Detector
EVC-H-A2S
EVC-H-CS
Part nos. F04-82505
F04-82507

General Description

EVC-H-A2S & CS Conventional Heat Detectors incorporate an internal 375 Ohm Alarm Resistor and are compatible with a range of Conventional Fire Alarm Systems.

EVC-H Heat Detectors are available with model options for Heat Category A2S or CS and use a highly accurate Thermistor. They are suitable for a broad range of applications, where the presence of smoke would cause nuisance alarms.

The detector can also be interfaced to Nittan Analogue Addressable systems, via an EV-ZMU2 Zone Monitor Module.
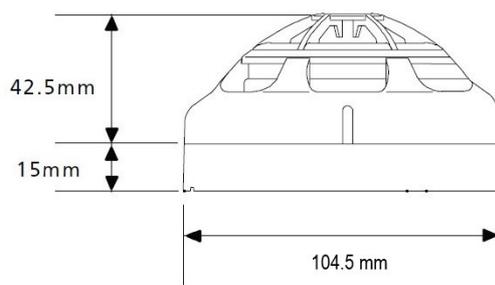
Approvals

EN Test Standard	EN 54-5: 2017 + A1: 2018
CPR Certificates A2S	2831-CPR-F0423 & F0426
CPR Certificates CS	2831-CPR-F2421 & F2422
UKCA Certificates A2S	0832-UKCA-CPR-F0031 & F0032
UKCA Certificates CS	0832-UKCA-CPR-F0033 & F0034
LPCB Certificates	041h & 1461c
DoP Number	F0423 & F2421

Compatible Bases

UB-4 – Standard Base

UB-6-EV – Standard Base

UB-4-SD – Schottky Diode Base

STB-4SE-EV – Deep Base

Dimensions (mm)

Data

Heat Sensor Type	Thermistor
Heat Category Model Options	A2S (62°C) or CS (92°C)
Operating voltage	11 Vdc to 32 Vdc
Quiescent current	30µA @ 24 Vdc
Alarm current	50mA @ 24 Vdc
Remote LED current	2.0mA
Charging Time	30 seconds.
Operating temperature A2S	-10°C to +55°C
Operating temperature CS	-10°C to +80°C
Storage temperature	-25°C to +80°C
Relative humidity	RH 95%
Ingress protection	IP42
Material	FR-ABS
Material Specification (UL94)	V-2
Dimensions	104.5x57.5 mm (Inc Base)
Mass	118 g (Sensor Only)

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.

Connections

NITTAN