

### TECHNICAL DATASHEET

#### Part Numbers and Product Order Codes:-

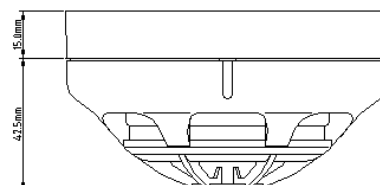
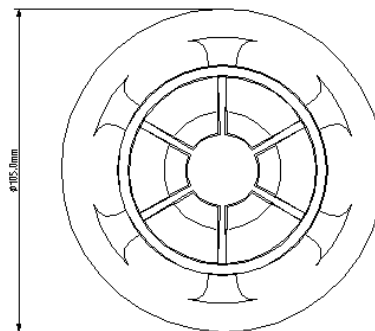
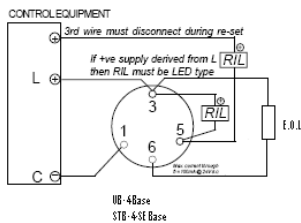
Part Number	-	-	-	-	-	EVC-H
Description	-	-	-	-	-	Conventional Heat Detector
Computer Reference Number	-	-	-	-	-	Class A2S F04N82505 Class CS F04N82507

#### Technical Specifications:-

Sensor Element	-	-	-	-	-	Thermistor
Operating Voltage	-	-	-	-	-	11V d.c. to 32V d.c.
System Voltage	-	-	-	-	-	24V d.c.
Quiescent Current	-	-	-	-	-	30µA
Alarm Current	-	-	-	-	-	50mA@ 24v
Current for external remote LED indicator	-	-	-	-	-	Limit to 20mA max
Typical Application Temperature	-	-	-	-	-	A2S: 25 °C , CS: 55 °C
Maximum Application Temperature	-	-	-	-	-	A2S: 50 °C , CS: 80 °C
Min. and Max. Static Response Temperature	-	-	-	-	-	A2S: 54 °C / 70 °C, CS: 84 °C / 100 °C
Minimum Ambient Temperature	-	-	-	-	-	Both -10 °C
Storage Temperature	-	-	-	-	-	- 25 °C to + 70 °C
Charging Time	-	-	-	-	-	30 Seconds
Relative Humidity	-	-	-	-	-	≤ RH95% non-condensing.
I.P. Protection Rating	-	-	-	-	-	IP42
Material	-	-	-	-	-	ABS
Dimensions	-	-	-	-	-	Ø105mm x 42.5mm (Sensor head) Ø105mm x 57.5mm (Sensor head and UB-4-SD)
Mass	-	-	-	-	-	118g (Sensor head) 183g (Sensor head and UB-4-SD base)
EMC Conformance	-	-	-	-	-	BSEN50130-4
CE Conformity	-	-	-	-	-	0832-CPR-F0423&F0426 / 0832-CPR-F1040&F1041
Standards / Certification	-	-	-	-	-	EN54-5 LPCB 041 / 842
DoP Number	-	-	-	-	-	F0423&F0426 / F1040&F1041

All wiring must conform to the current edition of IEE Wiring regulations and BS5839 Part 1

All loop Cable Screens shall be connected together, but must be Isolated from Ground. Cable Screens shall be connected to Earth Ground within the Control Panel ONLY.



Base :

UB-4 , UB-4-EV, UB-4SD ,UB-6-EV  
STB-4SE-EV ,STB-4SE-SW-EV