

HEAT DETECTOR - S-A4013

SHIELD Heat Detector is distinguishable by the low airflow resistant case and uses a single thermistor to sense the air temperature around the detector.

- Ideal for environments that are dirty or smoky under normal conditions
- Well suited for warehouses, loading docks and parking garages
- Unaffected by wind or atmospheric pressure
- Remote test feature

Technical Data

Detector Type	Heat
Working Voltage	17 - 28 V DC
Modulation Voltage (peak to peak)	5 - 9 V
Maximum Alarm Current LED on	3 mA
Surge Current	1 mA
Supervisory Current	250 μ A Avg, 500 μ A Peak
Heat Element Rating	135°F (57°C)
Test Method	Hair dryer
Alarm Range	55°C to 90°C
Operating Temperature Range	131°F to 194°F
Coverage	600 sq. ft.
Dimensions (diameter x height)	100 mm x 42 mm
Weight	105 g



INITIATING DEVICES

MULTISENSOR - S-A4014

SHIELD Multisensor contains a photo-electric smoke sensor and a thermistor (temperature sensor) whose outputs are combined to give the final analog value.

- Sensitive to a wide range of fires
- Well suited for environments such as hotel bedrooms, warehouses & loading docks
- Unaffected by wind or atmospheric pressure

Technical Data

Detector Type	Photoelectric smoke sensor and Thermistor
Working Voltage	17 - 28 V DC
Modulation Voltage (peak to peak)	5 - 9 V
Maximum Alarm Current LED on	3 mA
Surge Current	1 mA
Supervisory Current	500 μ A Avg, 750 μ A Peak
Operating Temperature Range	32°F to 140°F
Coverage	900 sq. ft.
Dimensions (diameter x height)	100 mm x 50 mm
Weight	105 g



MOUNTING BASE - S-A4001/S-A4003

SHIELD Mounting Base which is a low insertion force base with stainless steel contacts for the detector terminals. XPERT Cards are supplied with all bases.

- XPERT addressing
- One way fit
- Locking feature to prevent unauthorized removal

Technical Data

S-A4001	Standard Mounting Base 4"
S-A4003	Standard Mounting Base 6"



E-Z FIT BASE - S-A4006

The E-Z Fit Base is a low profile 6" mounting base for SHIELD detectors.

- High degree of protection against unauthorized removal



NETWORK SYSTEM SCHEMATIC WITH INITIATING DEVICES

