

SHIELD[®]

CONVENTIONAL FIRE DETECTORS

The SHIELD conventional detectors incorporate well-proven sensing technologies, together with advances in materials & electronics technology. A wide operating voltage of 9 to 33V DC means that SHIELD detectors can be integrated into security systems when used with a relay base.

SHIELD is a range of conventional fire detectors available in three versions:

- Standard
- Flashing LED
- Flashing LED & magnet operated test switch



SHIELD Photo-Electric Smoke Detector | S-C2011

SHIELD Photo-Electric Smoke Detector incorporates a pulsing LED located within the housing of the detector. The detector housing is identical to that of the Ionization Detector but has an indicator LED which is clear in quiescent state but produces red light in alarm.

- Responds well to slow-burning, smoldering fires
- Well suited for bedrooms and escape routes
- Unaffected by wind or atmospheric pressure
- Wide operating voltage
- Flashing LED option
- Flashing LED and magnet operated test switch option



SHIELD Heat Detector | S-C2013

SHIELD Heat Detector monitors temperature by using a dual thermistor network which provides a voltage output proportional to the external air temperature. There are nine heat detectors in the series range designed to suit a wide variety of operating conditions.

- Can be used for applications where smoke detectors are unsuitable
- Ideal environments that are dirty or smoky under normal conditions
- Wide operating voltage
- Flashing LED option
- Flashing LED and magnet operated test switch option



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BASES



SHIELD Low Power Relay Base S-A4005

SHIELD Low Power Relay Base incorporates a low power relay to control field equipment such as automatic door closers.

- Gives a set of voltage free contacts controlled by the remote output of a detector
- Draws negligible current

S-A4005 Low Power Relay Base 4"



SHIELD 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

S-A4001 Mounting Base 4" S-A4003 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

S-A4006 E-Z Fit Base



SHIELD Isolating Base S-A4007

SHIELD Isolating Base senses and detects short circuit faults on loops and spurs.

- Up to 20 devices may be installed between isolating bases
- XPERT addressing

S-A4007 Isolating Base

