



## 5000 Firepoint Wire-Free Heat Sensor



- 4 Analogue/Addressable
- 4 Proprietary sensor
- 4 Universal transmitter module
- 4 Upto five year battery life
- 4 Detector/Transmitter tamper
- 4 Range in excess of 250 metres

The Analogue Addressable Heat Detector is bayonet-fitted to a radio address/transmitter module incorporating alkaline batteries and supplied with a surface-mount base unit. Removal of the detector or address/transmitter module will indicate a fault condition. The detector is manufactured by Ziton limited and complies with BS5839 Part 5 and EN54 Part 5 (Class B) and Part 8 (Class B).

The Heat Detector operates on a highly sensitive thermistor, which measures the actual temperature and rate of rise change. At regular intervals, the detector carries out a self test that checks and verifies every function, including the thermistor, and sensitivity to temperature. Any failure is automatically reported to the control panel.

The detector incorporates a selectable automatic lock, which, if enabled locks it into its base when plugged in, preventing unauthorised removal. Each unit has a unique address configured during manufacture and is individually addressable by the system controller. The radio address module is programmed to report at regular intervals of 5–9 minutes.

Designed and manufactured using the latest techniques and surface mount technology ensures component count is kept to a minimum, thereby maximising reliability.

The address/transmitter module is powered by a low-voltage dual supply alkaline battery pack. The battery pack condition is continually monitored. The battery pack has been tested to provide upto five years' life at normal site operations (10-30°C). The system indicates remaining battery capacity and a low battery condition is indicated to the controller as a fault leaving approximately 30 days for the battery pack to be changed.

## Technical Specification 5000 Firepoint Heat Detector

<b>DIMENSIONS:</b>	106 x 75 mm with transmitter/address module
<b>WEIGHT:</b>	119g
<b>OPERATING TEMPERATURE:</b>	-10 to 85 degrees C
<b>HUMIDITY:</b>	Upto 95% non condensing
<b>SUPPLY:</b>	6 x 1.5 volt Alkaline AAA cells Upto 5 year battery life (at normal site conditions 10-30C)
<b>OPERATING FREQUENCIES:</b>	VHF – 173.2 MHz -173.5 MHz (transmitter)
<b>CHANNEL SPACING:</b>	25 kHz
<b>OUTPUT TRANSMITTER POWER:</b>	1 mW ERP
<b>OUTPUTS:</b>	Detector alarm – Fire and Fault Detector identity Battery condition Auto report signal
<b>STANDARDS:</b>	Designed to comply with relevant parts of BS5839 and EN54

**Order details: 01-R-002**  
**Detector/Address module complete**

*For the full range of products and part numbers please contact us*

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