

583SB

Mains powered heat detector, sounder and battery backup

Easy to install

The 583SB mains powered heat detector is designed to be easily installed at existing 230V ac supply points on the ceiling. The mounting base plate provides for multi electrical and light fitting mounting standards. The the mounting screws can be from 60 to 90 mm apart. The detector fits on the base with a simple 'click'.

The 230V mains and inter-detector wiring is connected using a pre-wired push fit connector. This also allows easy removal and replacement of the detector for changing batteries or maintenance.

Backup batteries

The 583SB photo detector uses a 6LF22 (PP3) 9 volt battery for backup. The detector design allows for the easy removal and replacement of the battery. A low battery warning is provided as standard.

Detector technology for heat sensing

The heat detector provides solutions for most residential applications where a photoelectric detector is not suitable.

Heat detectors are ideal for for use in kitchens, garages and boiler rooms.

Up to 12 detectors may be interwired together in order that all sounders operate in the event of an alarm.

**Standard Features**

- **230 volt mains powered**
- **9 volt battery backup**
- **Battery removed interlock**
- **Low battery warning**
- **Superior sensing technology**
- **Multi detector interlink**
- **LED operating and alarm indicators**
- **Test button to check sensitivity, circuits and sounder**
- **Push-fit connector**
- **Mounting base plate**
- **Locking pin mechanism**
- **BS5446-2:2003 Class A2 (54 - 70 deg C) approved**

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Specifications

Voltage	230 volt AC, 50-60 Hz
Backup battery	9V 6LF22 (PP3) battery
Sensor	Heat
Approval	BS5446-2:2003 Class A2 (54 - 70 deg C)
Interlink	Up to 12 detectors
Alarm sound level	85 dB @ 3 m
Indicator LED	
AC power	Green
Alarm	Red
Operating temperature range	5 deg C - 38 deg C
Relative humidity	10 % - 85 %
Dimensions	133 mm x 55 mm
Weight	135g
Test button	Tests sensitivity, circuits and sounder

Ordering Information

Part No.	Description
583SB	Mains powered heat detector, sounder and battery backup
583SLR	Mains powered heat detector, sounder and recharge battery
581SB	Mains powered smoke detector, sounder and battery backup
581SLR	Mains powered smoke detector, sounder and recharge battery
580SMB	Surface mounting base for 580 Series mains powered detectors



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