

### APPLICATION:

BRK's Heat Alarms have been developed for use in places where a smoke detector may not be suitable. A Heat Alarm gives additional fire warning protection when used in conjunction with a smoke detector system.

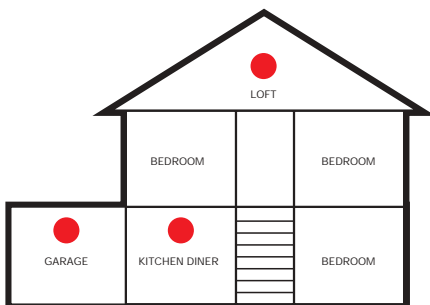
BRK's Heat Alarms can be used in areas where high ambient air temperatures, high humidity, condensation or cooking may cause a smoke detector to be activated falsely. Ideally Heat Alarms should be used in all kitchen-diners, lofts, garages or boiler rooms.

Building Regulations recognise the importance of Heat Alarms and recommend them to be installed in addition to or as an alternative when smoke alarms are unsuitable.

Heat Alarms could also be considered for integral garages connected to the house via a door. Flammable liquids inside a garage or workshop can be a distinct fire risk and the typically dusty atmosphere would not be a suitable environment for a smoke detector.

BRK's Heat Alarms should not be used as a replacement for smoke alarms, but can be used in conjunction with or as stand alone fire detection.

**BRK's smoke and heat alarms can be fully integrated into BRK's Flexipoint mini-system.**



● Suggested areas for installing heat alarms

### 6230BFP & 6230B10FP

#### MAINS OPERATED HEAT ALARMS



**6230BFP** is mains operated with an alkaline battery back up in case of mains failure. A locking feature deters the removal of the battery and/or heat alarm (optional).



**6230B10FP** is mains operated with a tamper-proof 10-year life lithium battery back up, alleviating the risk of battery removal.

**INFORMATION & ORDER HOTLINE 01275 841403**

**SMOKE ALARMS • HEAT DETECTORS • CO ALARMS**



6230BFP & 6230B10FP

MAINS OPERATED HEAT ALARMS

DESIGN AND INSTALLATION:

Installation is designed to be quick and easy and the products incorporate a BRK surface mounting pattress and plug in connector.

BRK's surface mounting pattresses are recommended in retrofit installations or where surface cabling is used.

This enables full compliance with BS7671 (1992) Regulations and current IEE (Institute of Electrical Engineers) Regulations

If remote signalling is required, a relay version of the surface mounting pattress (SMK623RCB) should be used. This has voltage free contacts and is installed in the same way as the standard pattress.

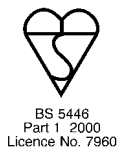
TECHNICAL SPECIFICATION:

MODEL	6230BFP	6230B10FP
Type	Fixed point	Fixed point
Operating voltage	230v AC	230v AC
Current	0.050A	0.050A
Power consumption	600mW	600mW
Battery back-up	YES	YES
Battery type 9v	Alkaline	Lithium
Typical battery life (as back-up)	3 – 4 years	10 years
Tamper-proof option	YES	BUILT IN
Sealed battery	-	YES
Thermistor sensor	YES	YES
Temperature range	4°C-38°C	4°C-38°C
Alarms at temperature	54°C-62°C	54°C-62°C
Humidity range	10%-90% RH	10% - 90% RH
85dB alarm sounder	YES	YES
Test button	YES	YES
Missing battery indicator	YES	Sealed unit
Automatic reset	YES	YES
Low battery warning	YES	YES
LED light standby	Green constant	Green constant
LED light alarm	Rapid flashing red	Rapid flashing red
Interconnectable	YES	YES
Diameter	141mm	141mm
Weight	181g	181g
BS5839Pt6	Type D	Type CD
Pattress	SMK623/623RCB	SMK623/623RCB

ARCHITECTURAL AND ENGINEERING SPECIFICATION:

The 6230BFP and 6230B10FP incorporate the following features and functions:

- > Thermistor sensor technology. The most advanced and reliable method of heat detection.
- > Fixed temperature – alarms at 54°C-62°C.
- > LED indicators. Green for healthy AC supply and Red when alarm is activated.
- > Full test facility. Will test all functions of alarm and reset.
- > 10 year performance guarantee.
- > 85 dB alarm sounder at 3m.
- > Easy installation.
- > Universal mounting bracket. Alarm connects at every 60 degrees for easy alignment and installation.
- > Unobtrusive design.



BSI Registered Firm—Certificate #FM21268

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