Heat Alarm

Model Ei 184 Heat Alarm

- **Fixed temperature fast response thermistor type sensor, range 54°C to 62°C**
- **Supply voltage 10.5 – 30 VDC**
- **Test/Hush button**
- **Interconnect up to 12 alarms**
- **Relay contacts**
- **Built in sounder**
- **Automatic reset facility**
- **Kitemarked to BS5446-2: 2003**
- **5 year guarantee**

Product Description

The Ei184 is a Heat Alarm that is designed to operate with suitable 8-30 volt control panels and to provide a loud local alarm.

The Ei184 has advanced features such as the ability to interconnect up to twelve alarms to allow all alarms to sound if just one of the interconnected alarms should be triggered.

Relay contacts (normally open and closed supplied) are available for triggering the panel itself and its associated ancillary products, such as extra loud sirens, magnetic door holders etc.

The Ei184 is ideal for use in kitchens and garages, where the use of optical or ionisation alarms would lead to unwanted nuisance alarms.

The Ei184 is easily installed and comes supplied with all necessary screw fixings..

Operation

- The heat alarm will activate the built in sounder upon detecting heat that reaches 58ºC

- The heat alarm will automatically reset itself and silence the sounder when the temperature drops below the preset level.

- The built in sounder will provide a minimum sound output of 85dB at 3m

- The "Test/Hush" button will silence nuisance alarms if any

- The "Test"/Hush button will simulate the effect of heat and tests sensor, electronics and horn-use to check performance at least monthly

Technical Specification

Sensor:	Thermistor	**Alarm:**	Piezoelectric horn in unit
Sensitivity:	Complies with BS 5446 Part 2: 2003	**Alarm Sound Output:**	85dB (minimum) at 3m
Source:	Contains no radioactive material	**Temperature Range:**	0 to 40°C
Airspeed:	Essentially immune to the effect of airspeed.	**Humidity Range:**	0% to 90% Relative Humidity
Button Test:	Simulates the effect of heat and checks electronics and horn.	**Fixing:**	Screw fixings supplied
		Plastic material:	UL94HB flame retardant
Supply Voltage:	10.5 to 30VDC	**Dimensions:**	145mm diameter x 75mm depth
		Weight:	310 g
		Warranty:	5 year (limited) warranty
		Approvals:	Kitemarked to BS5446-2:2003, CE Approved

Specifications are subject to change

Installation & Placement

Important Precaution:
Do not install the actual smoke/heat alarm itself in new or renovated buildings until all work is completed (including floor coverings) and the building has been fully cleaned. (Excessive dust and debris from building work can contaminate the smoke chamber and cause problems, and it will also invalidate the guarantee). If it must be installed, cover it completely, particularly around the edges, with a dust cover (eg. a plastic bag), until all cleaning is finished..

Alarms should be placed in accordance with the general guidelines shown in the diagram above. These recommendations are based on the problem of areas of "dead air" close to corners of rooms and apexes of ceilings, which could result in the prevention of heat reaching the heat detector

Please consult the Instruction Leaflet supplied with the Ei184 for detailed instructions as to how to correctly install and position the heat detector