

Heat Alarm

WITH RELAY FEATURE

Model Ei 103R Heat Alarm

- Fixed temperature fast response thermistor type sensor, range 54°C to 62°C
- Supply voltage 10.2 to 14 volts
- Test button
- Interconnect up to 12 alarms
- Relay contacts
- Built in sounder
- Automatic reset facility
- Kitemarked to BS5446-1:2000
- 5 year guarantee



Product Description

The Ei103R is a Heat Alarm that is designed to operate with suitable 12 volt control panel and to provide a loud local alarm.

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 Ei103R is easily installed and comes supplied with all necessary screw fixings..

The Ei103R 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.

The Ei103R is ideal for use in kitchens and garages, where the use of optical or ionisation alarms would lead to unwanted nuisance alarms.

On escape routes this alarm must be interconnected with smoke alarms.

Operation

- The alarm will activate the built in sounder upon detecting heat that reaches 58°C
- 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" button will simulate the effect of heat and tests sensor, electronics and horn
- Interconnect up to 12 other alarms (9V ionisation, optical or heat) when one senses smoke, all alarm. Helps ensure warning will be heard throughout the house



Shannon Free Zone, Shannon, Co. Clare, Ireland.
Ph.+353 61 471277 Fx.+353 61 471053
Email. eielectronics@eiltd.ie
Web: www.eielectronics.com

Model Ei103R Heat Alarm

Technical Specification

Sensor:	Thermistor	Alarm:	Piezoelectric horn in unit
Sensitivity:	Complies with BS 5446 Part 1: 2000	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
Supply Voltage:	10.2 to 14 volts	Plastic material:	UL94HB flame retardant
		Dimensions:	140x120x52 mm
		Weight:	150 g
		Warranty:	5 year (limited) warranty
		Approvals:	Kitemarked to BS5446-1:2000, CE Approved

Specifications are subject to change

Installation & Placement



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 smoke reaching the smoke detector

Please consult the Instruction Leaflet supplied with the Ei103R for detailed instructions as to how to correctly install and position the smoke detector

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..



Shannon Free Zone, Shannon, Co. Clare, Ireland.
Ph.+353 61 471277 Fax.+353 61 471053
Email. eielectronics@eilttd.ie
Web: www.eielectronics.com

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