

Mains Powered – Heat Alarm

Product Code: SBBRKHE



Product description:

The unit is a heat alarm. It can rapidly detect incremental temperature and give off warning under the condition that the environmental temperature between 54°C-65°C, in order to alert the dwelling of the dangerous situation and notice residents to evacuate right away. In the alarming mode, if the alarm is connected with other heat detectors, other alarms will also send alarm signals.

It is operated by AC 220-240V/50-60Hz with DC 9V battery backup and warns you when the battery is low. In order to not disturb your rest, the product designed function of silence and no disturb.

The heat alarm should be installed in kitchen, garage and other area of the home. Making sure the people at home will be able to hear and respond to the alarm sound. Installation position should be near possible fire source.

The test function of the product design is to test whether the product works properly by pressing the test button. Weekly testing is required.

This product is designed with interconnection function, it can realize interconnection alarm.

NOTE: NOT SUITABLE AS A FIRE SAFETY DEVICE UNLESS INTERCONNECTED TO ONE OR MORE SMOKE ALARMS.

Product main features:

Rapidly detect heat alarm;
Certification test for BS 5446-2:2003;
AC220-240V/50-60Hz with DC9V battery backup and low battery warning;
Low-Power feature, replaceable batteries;
At least five years battery life;
Wired interconnection function, the maximum number of connection is up to 40 devices.

Details of the product function:

Standby mode: after the product is installed, if the heat alarm device operate properly, the red LED flashes once every 40 seconds;

Local alarming mode: when the heat alarm device detect the environmental temperature arrive the alarming condition, the red LED will flash once per second with pulsating alarm until the temperature declined;

Interconnection alarming mode: when the heat alarm device detect the environmental temperature between 54°C- 65°C, the alarm will send local alarm signal, other interconnection alarms will send alarm signals. The wired interconnection alarms will go into interconnection alarming mode: BI - BI - pause 1.2s, with the red LED flashes, the alarm pattern is repeated;

Low battery mode: when the battery voltage below threshold, the red LED will flash once every 40 seconds with a sound of "chirp";

Fault mode: if the alarm detection signal decays below threshold, the alarm chirp occurs without LED flashes every 40 seconds;

Silence mode: press the test button at least 2 seconds, it will go into silence mode for approx 8 minutes. That will desensitize the alarm sensitivity temporarily. At this time, the red LED will flash once every 8 seconds;

No disturb mode: when the alarm device is in low battery mode, in order to avoid disturbing you at night, please press the test button for 3 seconds which will mute this warning tone for about 14 hours. After 14 hours, the warning tone will still go off. The red LED will flash once every 40 seconds during NO DISTURB MODE;

Test mode: test the unit to ensure operate properly by pressing the test button. At this time, the red LED will flash once per second with pulsating alarm until test button is released;.

NOTE: WEEKLY TESTING IS REQUIRED

Technical Specifications:

Power Source: AC 220-240V, DC 9V battery backup

AC Standby Current: < 100mA

AC Alarm Current: < 100mA

DC Standby Current: < 10uA

DC Alarm Current: < 25mA

Heat Sensitivity: 54°C-65°C

Comply With Standard: BS 5446-2:2003

Alarm Volume: >85dB(A) @ 3 meters

Low Voltage Threshold: <DC 7.5V

Hush Time: about 8 minutes

Product Service Life: >10 year

Humidity Range: ≤93% relative humidity (RH)

Temperature Range: 0°C-40°C

Sound Pattern: ISO8201 (BI 0.5s - pause 0.5s - BI 0.5s - pause 0.5s - BI 0.5s - pause 1.5s, with the RED LED flash, repeat this alarm pattern)

Size: 140mm in diameter x 58.8mm depth

