

NB840-H

Heat Alarm (AC+9V Battery back-up)

NB840-H AC/DC heat alarms for residential applications provide heat detection and alarm functions in a single unit. Electronic thermistor sensing and microprocessor control delivers reliable performance and low maintenance.

NB840-H AC/DC heat alarms are 220V mains powered, with battery backup, suitable for general residential applications where smoke or gas detectors may cause unwanted alarms (such as cooking areas or parking garages). The NB-840-H range of AC/ DC heat alarms provide home owners and installers with an easy to install, premium solution for property protection applications.

Key Features

- Electronic thermistor heat detection with microprocessor control
- Loud 85 dB sounder to alert occupants
- Integrated Test / Hush button
- Hush button to temporarily silence unwanted alarms
- Test button verifies battery and alarm operation
- Surface-mount device (SMD) circuit board design
- Single DC 9 V user-replaceable battery
- 10-year lithium battery available
- 30 day low battery warning signal
- Safe mains power disconnect when changing battery
- Interconnection function to connect up to 24 units together
- Attractive housing design provides protection for the heat sensor
- Easy installation
- Low maintenance

TECHNICAL SPECIFICATIONS

PRIMARY POWER SOURCE	AC (220~240) V, 50 Hz
SECONDARY POWER SOURCE	DC 9 V Battery
ALARM CURRENT	40 mA
ALARM RESPONSE THRESHOLD ^a	54 °C ~ 70 °C
VISUAL ALARM/ AC MAINS INDICATORS	Red LED/ Green LED
AUDIBLE ALARM SOUNDER OUTPUT	≥ 85 dB @ 3 m
NUMBER OF INTERCONNECTED UNITS ^b	24
OPERATING TEMPERATURE ^c	0 °C ~ +45 °C
OPERATING HUMIDITY	10 % ~ 90 % RH, non-condensing
STORAGE TEMPERATURE	-25 °C ~ +80 °C
STORAGE HUMIDITY	0 % ~ 98 % RH, non-condensing
DIMENSIONS	Ø 127 mm × 57 mm

^a BS 5446-2 class A2

^b Up to 250m of cabling can be used.

^c Can transition to higher temperatures for alarm operation.

ORDER CODE

Carbon-Zinc Battery

Alkaline Battery

NB840-H-C



NB840-H-A



BS 5446-2

