

NB840-SH

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



EN 14604



BS 5446-2



NB840-SH AC/DC smoke/heat alarms provide smoke/heat detection and alarm functions in a single unit. Advanced electronics in conjunction with a photoelectric smoke sensing chamber and an electronic thermistor provide early detection of fire and high immunity against unwanted alarms. The heat sensor provides sensitive rate-of-rise operation or fixed-temperature operation when the response threshold value is exceeded. NB840-SH AC/DC smoke/heat alarms are mains powered, with battery backup, suitable for general residential applications. The **NB840-SH** range of AC/DC smoke/heat alarms provide home owners and installers with an easy-to-install, premium solution for life safety and property protection applications.

Key Features

- Photoelectric smoke sensing chamber technology
- Electronic thermistor 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
- Easy installation
- Low maintenance

TECHNICAL SPECIFICATIONS

PRIMARY POWER SOURCE	AC (220 ~ 240) V, 50Hz
SECONDARY POWER SOURCE	DC 9 V Batery
ALARM CURRENT	40 mA
ALARM RESPONSE THRESHOLD (smoke)	0.10 dB/m ~ 0.16 dB/m
ALARM RESPONSE THRESHOLD(HEAT) ^a	(54 ~ 70) °C
VISUAL ALARM INDICATOR	Red LED
AC MAINS INDICATOR	Green LED
AUDIBLE ALARM SOUNDER OUTPUT	≥ 85 dB @ 3 m
NUMBER OF INTERCONNECTED UNITS ^a	24
OPERATING TEMPERATURE	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 Up to 250 m of cabling can be used.

ORDER CODE	Carbon-Zinc Battery	Alkaline Battery
NB840-SH-C	✓	
NB840-SH-A		✓