

# NB840-S

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



EN 14604

**NB840-S AC/DC smoke alarms** provide smoke detection and alarm functions in a single unit. Advanced electronics in conjunction with a photoelectric smoke sensing chamber provide early detection of smoke and high immunity against unwanted alarms.

NB840-S AC/DC smoke alarms are mains powered, with battery backup, suitable for general residential applications. The NB840-S range of AC/DC smoke 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
- 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 Battery
ALARM CURRENT	40 mA
ALARM RESPONSE THRESHOLD	0.10 dB/m ~ 0.16 dB/m
VISUAL ALARM INDICATOR	Red LED
AC MAINS INDICATOR	Green LED
AUDIBLE ALARM SOUNDER OUTPUT	≥ 85 dB @ 3 m
NUMBER OF INTERCONNECTED UNITS <sup>a</sup>	24
OPERATING TEMPERATURE	0 °C ~ +45 °C
OPERATING HUMIDITY	10 % ~ 90 % RH, non-condensing
STORAGE TEMPERATURE	-25 °C ~ +80 °C
STORAGE HUMIDITY	10 % ~ 98 % RH, non-condensing
DIMENSIONS	Ø 127 mm × 57 mm

<sup>a</sup> Up to 250 m of cabling can be used.

### ORDER CODE

NB840-S	With interconnection, smoke alarm
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