

Description

SND-500 DC smoke alarms provide battery powered smoke detection and alarm functions within a single unit. Advanced electronics in conjunction with a photoelectric smoke sensing chamber provide early detection of fire and high immunity against unwanted alarms. SND-500 DC smoke alarms are battery powered, do not require a mains supply, and are suitable for general residential applications. The SND-500 DC smoke alarm range provides home owners and installers with an easy-to-install, economical solution for life safety and property protection applications.

Features

- Photoelectric smoke sensing chamber technology
- Integrated indicator provides visual indication of an alarm condition
- Test button verifies battery and alarm operation
- Loud 85 dB sounder to alert occupants
- Surface-mount device (SMD) circuit board design
- Single DC 9 V user-replaceable battery provides up to 18 months operation under normal conditions
- 30 day low battery warning signal
- Interconnection function available to connect up to 38 units together
- Battery missing indicator prevents the unit from being installed without the battery fitted
- Attractive housing design
- Easy installation
- Low maintenance

Compliance

SND-500 DC smoke alarms have the following compliance.

	EN 14604 ^a	CE
SND-500-S	✓	✓
SND-500-SI	✓	✓

^a EN 14604 Smoke alarm devices



SND-500 DC smoke alarm

Specifications

Power source	DC 9 V
Quiescent current	7 μ A
Quiescent condition indicator	Flashing red LED every 32 s
Alarm current	15 mA
Alarm response threshold	(0.08 ~ 0.15) dB/m
Visual alarm indicator	Flashing red LED
Audible alarm sounder output	\geq 85 dB @ 3 m
Low battery signal	Audible signal each 32 s for 30 days
Number of interconnected units ^a	38
Operating temperature	(0 ~ +50) °C
Operating humidity	(10 ~ 90) % RH, non-condensing
Storage temperature	(-25 ~ +80) °C
Storage humidity	(0 ~ 98) % RH, non-condensing
Dimensions	Φ 100 mm \times 31 mm

^a Available with SND-500-SI model only. Maximum cable length is 400 m.

Ordering Information

	Interconnect
SND-500-S	—
SND-500-SI	✓

View the complete range of products at www.numens.net

