

EN 14604, CE

SND-500 DC smoke alarm

Smoke alarm for residential applications

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 | ~ | 1 |
| | SND-500-SI | 1 | ~ |
| 1 | ^a EN 14604 Smoke alarm devices | | |



SND-500 DC smoke alarm

| Specifications | | | |
|---|---|--|--|
| Power source | DC 9 V | | |
| Quiescent current | 7 μΑ | | |
| 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 | ≥ 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 × 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 | 1 | |

View the complete range of products at <u>www.numens.net</u>





Numens 46-2 MoGao Road, Dong Qian Lake, Ningbo, Zhejiang, China 315121

© 2015 Ambest Electronics (Ningbo) Co Ltd. All rights reserved. All specifications and other information shown were current at the date of publication and subject to change without notice.