

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

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