Description

SNA-360 analogue addressable photoelectric smoke detectors are microprocessor controlled state-of-the-art detectors suitable for connection to Numens 2-wire addressable fire detection control and indicating equipment. Up to 125 detectors can be connected to each alarm zone loop.

Advanced electronics in conjunction with a photoelectric smoke sensing chamber provides early detection of fire and high immunity against unwanted alarms.

The SNA-360 analogue addressable detector range provides fire detection and alarm system designers with a premium smoke detector for life safety and property protection applications.

Features

- Advanced algorithms provide analogue detection discrimination
- Surface-mount device (SMD) circuit board design
- High immunity against unwanted alarms
- Stable smoke sensing chamber. No adjustment or replacement required
- Sleek low-profile housing design
- Dual LEDs for 360° visibility
- DC 24 V operation
- Convenient 2-wire connection
- Easy installation with simple address setting DIP switches
- Available with 125 usable detector address settings per loop when connected to Numens control and indicating equipment
- Optional remote LED output
- Low maintenance

Compliance

SNA-360 smoke detectors have the following compliance.

	EN 54-7 [a]	CE
SNA-360-S2	✔	✔
SNA-360-SL	✔	✔

[a] EN 54-7 *Fire detection and fire alarm systems. Smoke detectors. Point detectors using scattered light, transmitted light or ionization*

Accessories

The following accessories are compatible with SNA-360 smoke detectors.

Description	Part number	Datasheet
4-terminal 102 mm low profile base	CN302A	31-0036
8-terminal 102 mm low profile base	CN304A	31-0038
Remote indicator [a]	681-001	31-0027

[a] Requires 8-terminal base.

SNA-360 analogue addressable smoke detector

Specifications

	SNA-360-S2	SNA-360-SL
Operating voltage	DC (17 ~ 28) V	
Start-up current	≤ 400 µA	
Start-up time	≤ 30 s	
Quiescent current	≤ 260 µA	
Alarm current (max)	2 mA	5 mA
Sampling time	≤ 2 s	
Alarm response threshold	(0.08 ~ 0.15) dB/m	
Alarm indicator	Dual red LEDs	
Remote LED output current (max)	—	2 mA
Reset voltage	≤ 3 V	
Reset time	≤ 30 s	
Usable addresses per alarm loop	125	
Operating temperature	(-10 ~ +55) °C	
Operating humidity	(0 ~ 95) % RH, non-condensing	
Storage temperature	(-25 ~ +80) °C	
Storage humidity	(0 ~ 98) % RH, non-condensing	
Dimensions (excluding contacts)	Φ 102 mm × 34 mm	
Ingress protection rating	IP-42	

Ordering Information

	Remote Indicator [a]
SNA-360-S2	—
SNA-360-SL	✔

[a] Requires 8-terminal base if remote indicator is installed.

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