

Analog Addressable Smoke/Heat detectors

The NB358 series of True Analog Addressable smoke/heat detectors are the best choices for intelligent control panel applications. The advanced communication protocol can be offered to panel manufacturers for compatible integration. NB358 detectors are manufactured in accordance with either UL or EN 54 Standards, and also come with multisensing smoke and heat feature.

NB-358

EN-54
Approved

Product Features

- Dual LEDs for 360° visibility
- Advanced detection and communication protocols
- Easy installation and maintenance
- Sleek low-profile design
- Durable sensor, no need for replacement
- SMD circuit board design-satisfactory quality and reliability guaranteed
- Five-year limited warranty
- Regular 100 mm base or Big125 mm base
- Exclusive "wizMart Protocol - Type 1", engineered to be compatible with Global Fire (GFE) Intelligent Fire Panels: Juno-Net and Junior.
- "wizMart Protocol - Type 2" is available as well.
- Customized Private Protocols are available on request.

Models

Model	2 wire	Smoke Alarm	Heat Alarm	Remote LED	24 VDC
NB358-H	●		●		●
NB358-H-L	●		●	●	●
NB358-S	●	●			●
NB358-S-L	●	●		●	●
NB358-SH	●	●	●		●
NB358-SH-L	●	●	●	●	●

Specs

Model	2/4 wire	Thermal	Voltage DC	Standby Current (Max @ 24V)	Alarm Current (Max @ 24V)	Remote LED Current (Max)	Start-Up Time (Max)
NB358-H	2	N/A	17~28V	500 µA	5 mA	N / A	30 Sec
NB358-H-L	2	59°C	17~28V	500 µA	5 mA	2 mA	30 Sec
NB358-S	2	59°C	17~28V	500 µA	5 mA	N / A	30 Sec
NB358-S-L	2	N/A	17~28V	500 µA	5 mA	2 mA	30 Sec
NB358-SH	2	59°C	17~28V	500 µA	5 mA	N / A	30 Sec
NB358-SH-L	2	59°C	17~28V	500 µA	5 mA	2 mA	30 Sec



- Smoke Sensitivity :** 0.09~0.14 dB/m (EN54-7 standard)
2.12±0.61% FT obscuration (UL268 standard),
15 m rating for heat sensor
- Ceiling Spacing :** 15 m rating for heat sensor
- Start-Up Current :** 800 µA maximum
- Reset Voltage :** less than 3V
- Reset Time :** not less than 10 Sec
- Alarm Indicator :** Red LED emitting continuously
- Remote Output :** 2 mA maximum open collector
- Temperature Range :** -10°C to 50°C
- Humidity :** 0 to 95% RH, non-condensing or icing
- Dimensions :** 100 mm (dia) x 46 mm (ht) with base
- Weight :** 150 g with base
- IP rating :** IP-42