wizMart

NB758-SH
Smoke/Heat Detector

NB758 conventional photoelectric smoke/heat detectors are state-of-the-art detectors suitable for connection to conventional fire detection control and indicating equipment, or to addressable fire detection control and indicating equipment that can accept conventional type detectors. Advanced electronics in conjunction with a photoelectric smoke sensing chamber and an electronic thermistor provide early detection of fire and high immunity against unwanted alarms. The heat sensor provides fixed- temperature operation when the response threshold value is exceeded.

Key Features

- Dual photoelectric smoke and heat sensors to detect either smoke, heat or a combination of the phenomena.
- Advanced algorithms provide excellent detection discrimination
- Ideal for both fast-flaming and slow smouldering fires
- High immunity against unwanted alarms
- Stable smoke sensing chamber. No adjustment or replacement required
- Easy installation. No programming required
- Sleek low-profile housing design
- Dual LEDs for 360° visibility
- Magnet-initiated alarm test function available with some models
- 2-Wire and 4-wire models for DC 12 V or DC 24 V operation
- 4-Wire models include a N/C or N/O alarm relay output

TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE	DC (9 / 33) V
START-UP CURRENT	170 µA
STANDBY CURRENT	50 µA
ALARM CURRENT	40 mA / 90 mA
RESET VOLTAGE	≤ 1 V
RESET TIME	≤ 3 s
ALARM RESPONSE THRESHOLD (SMOKE)	(1.90 ± 0.76) % / foot obscuration)
ALARM RESPONSE THRESHOLD (HEAT)	59 °C static temperature, and 11.1°C /min rate-of-rise temperature
OPERATING TEMPERATURE	-10 °C ~ +50 °C
OPERATING HUMIDITY	0 % ~ 95 % RH, non-condensing
ALARM INDICATOR	Two continuous emitting red LEDs
DIMENSIONS (EXCLUDING CONTACTS)	Ø 100 mm × 50 mm
INGRESS PROTECTION RATING	IP-43

ORDER CODE	2-Wire	4-Wire	Remote LED Output	Magnet-Initiated Test
NB758-SH2	✔			
NB758-SH2M	✔			✔
NB758-SH2L	✔		✔	
NB758-SH2LM	✔		✔	✔
NB758SH-4		✔		
NB758-SH4M		✔		✔