

# NB-758

## Heat Detector



NB758 conventional 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.

An electronic thermistor sensor provides sensitive rate-of-rise alarm operation, or fixed-temperature operation when the response threshold value is exceeded.

The NB758 heat detectors are available in a wide range of variants to suit many applications.

- Advanced algorithms provide excellent detection discrimination
- Easy installation. No programming required
- Sleek low-profile housing design
- Durable sensor. No adjustment or replacement required
- 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
- Connects to zone monitor for use with addressable control and indicating equipment

### Specifications Summary

Operating voltage	DC (9 ~33) V
Start-up current	170 $\mu$ A
Standby current	50 $\mu$ A
Alarm current	40 mA ~ 90 mA
Reset voltage	$\leq$ 1 V
Reset time	$\leq$ 3 s
Alarm response threshold	59 °C static temperature, and 11.1 °C/min rate-of-rise temperature
Operating temperature	-10 °C ~ +37.8 °C
Operating humidity	0 % ~ 95 % RH, non-condensing
Alarm indicator	Two continuous emitting red LEDs
Dimensions (excluding contacts)	$\Phi$ 100 mm $\times$ 37 mm
Ingress protection rating	IP-43

- For complete specifications, see product datasheet 31-0041.

### Ordering Information

	2-Wire	4-Wire	Remote LED Output	Magnet-initiated Test
NB758H-2	√	-	-	-
NB758H-2M	√	-	-	√
NB758H-2L	√	-	√	-
NB758H-2LM	√	-	√	√
NB758H-4	-	√	-	-
NB758H-4M	-	√	-	√

