

# Conventional Detection

## Advanced Heat Solutions

### NB-323 Series ROR/Fixed temperature heat detectors

NB-323 and HD series heat detectors provide an effective solution and fast response in case of intense fires under rapid temperature rise situation. The NB-323 series heat detector operates by using a matched pair of thermistors to sense heat.

The NB-323 range is classified according to [EN54-5](#) as Rate-of-Rise and Fixed temperature detectors. Fixed temperature thermistor will respond only when the alarm threshold is reached. Rate-of-Rise thermistor measures the rate of increase in temperature.



### Approvals



### The Range

**NB-323-2** 2-wire ROR/Fixed temperature heat detector

**NB-323-4** 4-wire ROR/Fixed temperature heat detector

### Features and Benefits

- Dual thermistor solution for accurate heat detection
- Common 2 and 4 wire base with EA-318 and SD-325 series
- Dual LEDs for 360° visibility
- Magnet-activated sensitivity test switch
- Easy installation and maintenance

### Specification

Model	2/4 Wire	Heat Sensor Setting	Voltage DC	Startup Current (µA)	Standby Current (µA)	Alarm Current (Max)
<b>NB-323-2</b>	2	135 F (57 C)>20 F (6.7 C)/ minute	10~35V	170 µA	42 µA	60mA@24V
<b>NB-323-4</b>	4	135 F (57 C)>20 F (6.7 C)/ minute	12/24V	170 µA	42 µA	36mA@24V 60mA@24V

Max Mrs. Rippi 25% of DC input

Rate-of-Rise >20 F (6.7 C)/minute

Operating Temp. +32 F~100 F (0 C~38 C)