

# RE 326Series

## Photo Electric Smoke Detector and Fixed Temperature Heat Detector



### Product Overview

The Conventional RE-326 detectors are designed by a competent fire alarm sensors designer in accordance with the requirements of EN – 54 and any other local codes of practice that are applicable. It will compatible all conventional Fire Alarm Panels. There are range of 2/4 wire detectors in this series like Ionisation and Heat with Remote LED.

The innovative thermistor sensing circuit is provided in RE 326-2HL detector to give 57°C thermal detection in a low profile package and Also in the 4 wire detectors with 12V / 24V operating voltage.

RE 326-2SL photoelectric detectors have unique optical sensing chamber to sense smoke produced by a wide range of combustion sources. The model RE-326-412S is the 4wire 12V Operating smoke detector.

### Features

- Dual LED's for 360° visibility.
- Advanced detection and communication protocol.
- Easy installation and maintenance.
- Sleek low -profile housing design.
- Regular 100mm Base.
- EN-54 Standard.

### Electrical Specification

Operating Voltage	:	10 ~ 28V DC.
Operating Temperature	:	0 °C to 37.8 °C.
Relative Humidity	:	10% to 90%
Reset Voltage	:	less than 1V.
Stand by Current	:	85 Micro Amps.
Start Up Time	:	30 Seconds.
Cycle time	:	28 - 35 Seconds.
Alarm Current	:	60 mA (Max.).
Remote Output	:	15mA maximum open collector.
Smoke Sensitivity	:	0.10 to 0.16 dB/m.
Thermal Rating	:	57 °C (135 °F).

#### Alarm Contact Rating

C,NO	:	1A @ 30 VDC; 0.5A @ 125VAC.
C,NC	:	1A @ 30 VDC; 0.5A @ 125VAC (Optional On Order Basis)



### Mechanical Specification

Height	:	46 mm with base
Diameter	:	100 mm dia
Weight	:	130g with base
IP Rating	:	IP - 42

### Ordering information

Sl. No.	Model	Operating Voltage	Wiring	Remote LED	Photoelectric Smoke	Heat Alarm	Alarm Type	Base Model
1	RE-326-2SL	20.4 to 27.6V	2	✓	✓		-----	RE-324B
2	RE-326-412S (NO)	10.2 to 13.8 V	4		✓		Form A	RE-324B
3	RE-326-412S (NC)	10.2 to 13.8 V	4		✓		Form A (NC)	RE-324B
4	RE-326-2HL	20.4 to 27.6V	2	✓		✓	-----	RE-324B
5	RE-326-412H	10.2 to 13.8 V	4			✓	Form A	RE-324B
6	RE-326-424H	20.4 to 27.6V	4			✓	Form A	RE-324B
7	RE-326-412SAR	10.2 to 13.8 V	4		✓		Auto Reset	RE-324B

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