

# RE 316SH - 2L

## Multi Detector



### Product Overview

The RE 316SH-2L conventional detectors are designed to work with all conventional Panel. These detectors are low profile and have dual LED's for 360° visual indication. The LED's are blinking in normal operating condition whereas the steady state indicates fire status.

RE 316SH-2L is a fixed cum rate of rise heat detector using a thermistor. These detectors will raise an alarm when the detector reaches 59° C(Fixed) or when the change in temperature exceeds the rate of rise of 11°C / min.

### Features:

- UL Approved.
- Dual LED's for 360° visibility.
- Advanced detection and communication protocol.
- Easy installation and maintenance.
- Sleek low-profile housing design.
- Regular 100mm base.



### Electrical Specification

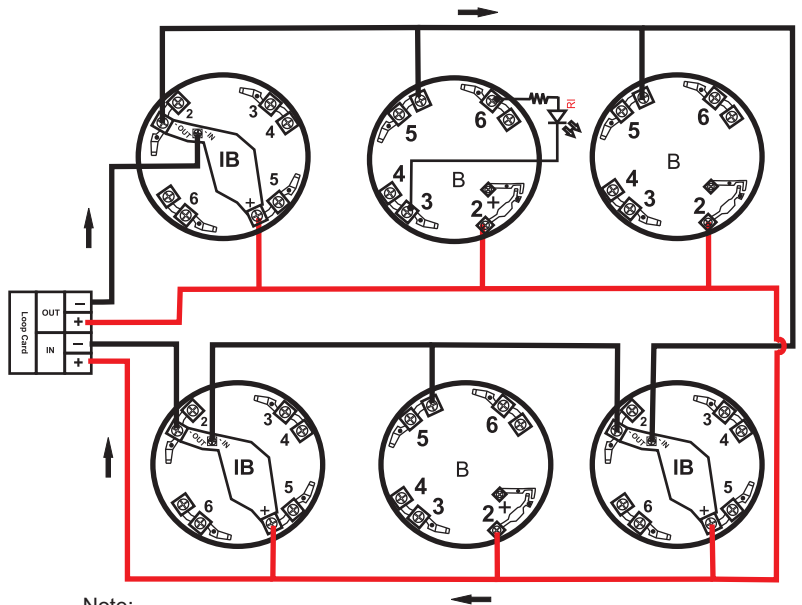
Operating Voltage	:	9 ~ 33V DC
Reset Voltage	:	less than 1V
Start-Up Current	:	120 $\mu$ A.
Alarm Current	:	40 mA (Max)
Remote Output	:	15 mA maximum open collector
Thermal Rating	:	59 °C (138 °F)
Rate of Raise of Temp	:	11.1°C / min (20°F/min)
Smoke Sensitivity	:	(1.9 $\pm$ 0.76) % / ft
Air Velocity	:	0 - 4000 fpm.
Operating Temperature	:	-10 °C to 37.8 °C
Humidity	:	0 - 95% RH, non-condensing



## Mechanical Specification:

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

## Wiring Diagram:



Note:

- RI - Response Indicator
- B - Standard Base
- IB - Isolator Base

## Compatible Device:

- RE-314B - Normal Base
- RE-314BI - Isolator Base

## Ordering Information:

Model	Description
RE 316SH-2L	Photoelectric & Heat Detector

### India:

**RAVEL ELECTRONICS PVT LTD.,**  
 (An ISO 9001 Company)  
 150A, Electronics Industrial Estate, Perungudi, Chennai - 96 .India.  
 E-Mail: marketing@ravelfire.com; Web : www.ravelfire.com

### United Kingdom:

**RAVEL ELECTRONICS LTD.,**  
 Unit 11, Chancel Industrial Estate, Newhall street,  
 Willenhall WV13 1NX, West Midlands, United Kingdom.  
 E-mail: info@ravelfire.co.uk ;Web: www.ravelfire.co.uk