

# RE 316H - 2L

## Heat Detector



### Product Overview

The RE 316H-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 316H-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 listed.
- 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

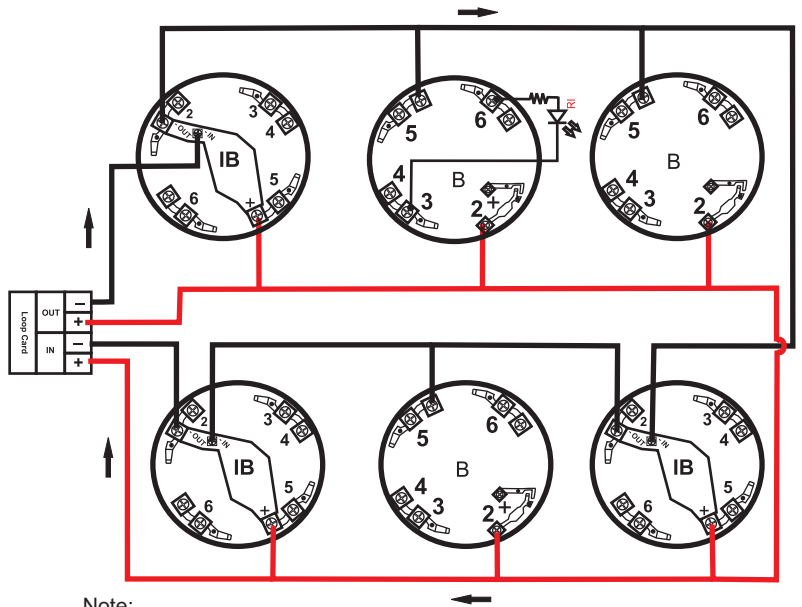
Operating Voltage	:	9 ~ 33V DC
Reset Voltage	:	less than 1V
Start-Up Current	:	120 $\mu$ A.
Alarm Current	:	40 mA (Max)
Remote Output	:	15mA maximum open collector
Thermal Rating	:	59 °C (138 °F)
Rate of Raise of Temp	:	11.1°C / min (20°F/min)
Operating Temperature	:	-10 °C to 37.8 °C
Humidity	:	0 - 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 316H - 2L	Heat Detector

### India:

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