

RE-316H-2L

CONVENTIONAL HEAT DETECTOR

General

The Conventional Heat detectors are designed to work with all conventional Panels. These detectors are low profile, dual LED's, polarity free and 360° visual indication. The blinking LED's indicate normal operating conditions whereas the steady state to indicate 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 by 11°C/min.

Features

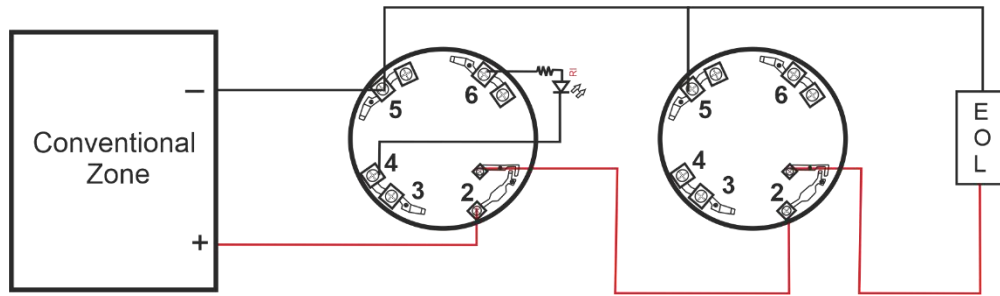
- UL listed.
- Dual LED's for 360° visibility.
- Polarity free wiring
- Advanced detection technique.
- Easy to install.
- Sleek low-profile housing design.
- Regular 100mm base.



Specification

Electrical Specification	
<i>Operating Voltage</i>	9 ~ 33V DC.
<i>Reset Voltage</i>	Less than 1V.
<i>Standby Current</i>	50 µA.
<i>Start up Time</i>	60 sec.
<i>Start up Current</i>	170 µA.
<i>Alarm Current</i>	90 mA (max).
<i>Remote Output</i>	15mA maximum open collector.
<i>Thermal Rating</i>	59° C (138° F).
<i>Rate of Rise Temperature</i>	11.1° C / min (20° F/min).
<i>Operating Temperature</i>	-10° C to 37.8° C
<i>Storage Temperature</i>	-10° C to 60° C.
<i>Humidity</i>	0 - 95% RH, non-condensing.
<i>Blinkng Cycle</i>	5 sec.
<i>Installation Space</i>	5 meters.
Mechanical Specification	
<i>Dimension</i>	46 H x 100 D (mm)
<i>Weight</i>	130 g with base
<i>IP Rating</i>	IP42

Wiring Diagram



Note:
RI-Response Indicator

Compatible Device

Model	Description
<i>RE-314B</i>	Normal Base
<i>RE-364BS</i>	Conventional Sounder Base
<i>RE-717MZ</i>	Addressable Zone Interface Module

Compatible Panel

Model	Description
<i>RE-102</i>	Conventional 2 IDC Fire Alarm Control Panel
<i>RE-104</i>	Conventional 4 IDC Fire Alarm Control Panel
<i>RE-2554</i>	Conventional 4 IDC Fire Alarm Control Panel
<i>RE-2558</i>	Conventional 8 IDC Fire Alarm Control Panel
<i>RE-900 Series</i>	Conventional Fire Alarm Control Panel
<i>RE-25AR</i>	Conventional Agent Release Control Panel
<i>RE-120GR</i>	Conventional Gas Release Control Panel

Ordering Information

Model	Description
RE-316H-2L	Conventional Heat Detector with Base

India

RAVEL ELECTRONICS PVT LTD.,
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

USA

RAVEL AMERICAS INC.,
2855 NW 112th Ave ST#2 Miami,
Doral, Florida 33172, USA.