

# RE-317D-HL

## ADDRESSABLE HEAT DETECTOR

### General

Addressable heat detector(s) are designed to work with Addressable Fire Alarm Control Panel. These detectors are low profile, polarity free and have dual LED's for 360° visual indication. The LED's are blinking in normal operating condition whereas the LED's in steady state indicate alarm status.

Addressable heat detector 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

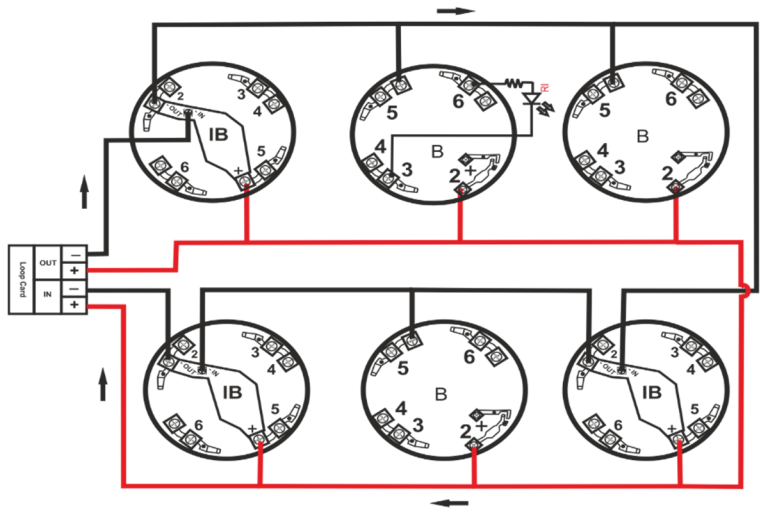
- UL listed and NFPA standard.
- Polarity free, Dual LED's, and 360° visibility.
- Fixed Temperature & rate of rise detection
- Advanced detection and communication protocol.
- Easy to install.
- Sleek low-profile housing design.
- Regular 100mm base.
- Address set by 8 digit DIP switch.



### Specification

Electrical Specification	
<b>Operating Voltage</b>	17 ~ 28V DC.
<b>Reset Voltage</b>	Less than 3V.
<b>Standby Current</b>	500 μA.
<b>Start up Time</b>	30sec.
<b>Alarm Current</b>	5 mA .
<b>Remote Output</b>	2mA maximum open collector.
<b>Detector Spacing</b>	9 meters.
<b>Fixed Temperature</b>	59° C (138° F).
<b>Rate of Rise of Temperature</b>	11.1° C / min (20° F/min).
<b>Operating Temperature</b>	-10° C to 37.8° C
<b>Storage Temperature</b>	-10° C to 60° C.
<b>Humidity</b>	0 - 95% RH, non-condensing.
Mechanical Specification	
<b>Dimension</b>	46 H x 100 D ( mm)
<b>Weight</b>	150 g with base
<b>IP Rating</b>	IP-42

## Wiring Diagram



**Note:**

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

## Compatible Device

Model	Description
<i>RE-314B</i>	Normal Base
<i>RE-314BI</i>	Isolator Base

## Compatible Panel

Model	Description
<i>Avani</i>	Analogue addressable Fire Alarm Control panel expandable upto 4 loop
<i>Avani db</i>	Analogue Addressable Fire Alarm Control panel expandable upto 2 loop
<i>Avani XL</i>	Analogue Addressable Fire Alarm Control Panel expandable upto 8 Loop

## Ordering Information

Model	Description
RE-317D-HL	Addressable Heat Detector

### India

RAVEL ELECTRONICS PVT LTD.,  
 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)

### USA

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