

# 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

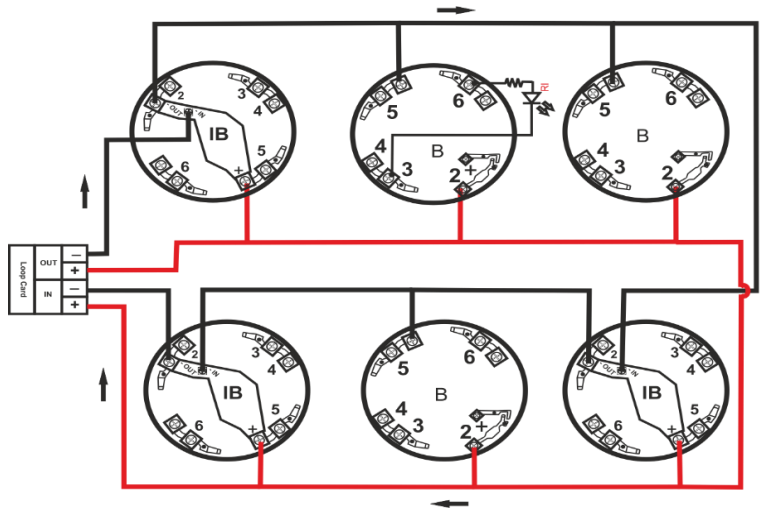
- UL listed and NFPA standard.
- Polarity free, Dual LED's, and 360° visibility.
- Fixed Temperature & rate of rise detection
- Advanced detection and communication protocol.
- Easy to install.
- Sleek low-profile housing design.
- Regular 100mm base.
- Address set by 8 digit DIP switch.



### Specification

Electrical Specification	
<i>Operating Voltage</i>	17 ~ 28V DC.
<i>Reset Voltage</i>	Less than 3V.
<i>Standby Current</i>	500 μA.
<i>Start up Time</i>	30sec.
<i>Alarm Current</i>	5 mA.
<i>Remote Output</i>	2 mA maximum open collector.
<i>Detector Spacing</i>	9 meters.
<i>Fixed Temperature</i>	59° C (138° F).
<i>Rate of Rise of 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.
Mechanical Specification	
<i>Dimension</i>	46 H x 100 D ( mm)
<i>Weight</i>	150 g with base
<i>Material</i>	FR ABS plastic
<i>IP Rating</i>	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

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