

RE357H

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

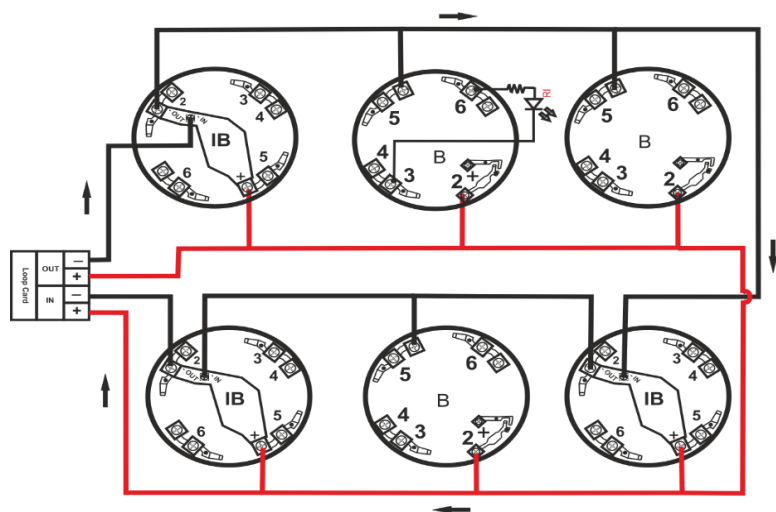
- UL listed and NFPA standard.
- Polarity free, Dual LED's, and 360° visibility.
- Fixed Temperature & rate of rise detection
- Advanced detection and communication protocol.
- Easy to install.
- Sleek low-profile housing design.
- Regular 100mm base.
- Address set by 8 digit DIP switch.



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>	2mA 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
RE-314B	Normal Base
RE-314BI	Isolator Base

Compatible Panel

Model	Description
Aaral X4	Analogue Addressable Fire Alarm Control Panel expandable upto 4 Loop
Aaral X8	Analogue Addressable Fire Alarm Control Panel expandable upto 8 Loop

Ordering Information

Model	Description
RE357H	Addressable Heat Detector

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*Ravel reserve the right to change the specification without prior notice.