RE-357SH
ADDRESSABLE MULTI SENSOR DETECTOR

General

Addressable multi sensor detector(s) are designed to work with Addressable 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 fire status. The fixed cum rate of rise heat detector works 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 @ 11°C / min.It has an unique chamber designed to sense smoke produced by wide range of sources of combustion with insect free. The detectors sensitivity can be programmed via FACP. It has a unique drift compensation feature wherein the detector adjusts its normal reference based on environment conditions.
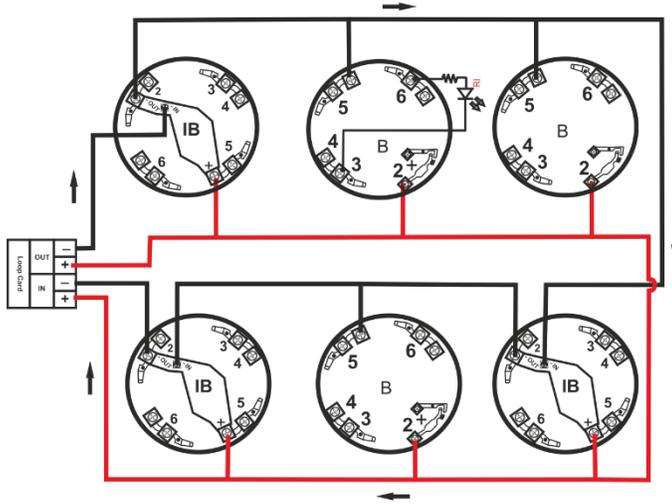
Features

- UL listed and NFPA standard.
- Polarity free, Dual LED's, and 360°visibility.
- Insect Filter.
- Fixed temperaure and 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	
Operating Voltage	17 ~ 28V DC.
Reset Voltage	Less than 3V.
Standby Current	500 μA.
Start up Time	30sec.
Alarm Current	5 mA .
Remote Output	2mA maximum open collector.
Thermal Rating	59° C (138° F).
Rate of Rise of Temperature	11.1° C / min (20° F/min).
Smoke Sensitivity	(2.12 ± 0.61) % obs/ ft. (High: 1.1; Medium: 1.4; Low: 2.3) % obs/ft
Air Velocity	0 – 4000 fpm
Detector Spacing	9 meters
Operating Temperature	-10° C to 37.8° C
Storage Temperature	-10° C to 60° C.
Humidity	0 – 95% RH, non-condensing.
Mechanical Specification	
Dimension	60 H with base x 100 D (mm)
Weight	150 g with base
Material	FR ABS plastic
IP Rating	IP-42

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
Avani X4	Analogue Addressable Fire Alarm Control panel expandable upto 4 Loop
Avani X8	Analogue Addressable Fire Alarm Control panel expandable upto 8 Loop

Ordering Information

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

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