RE-316SH-2L

CONVENTIONAL MULTI SENSOR DETECTOR

General

The conventional Multisensor 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 LED's in steady state to indicate fire status. RE-316SH-2L is a 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 by 11°C / min. It has an unique chamber designed to sense smoke produced by wide range of sources of combustion with insect free.
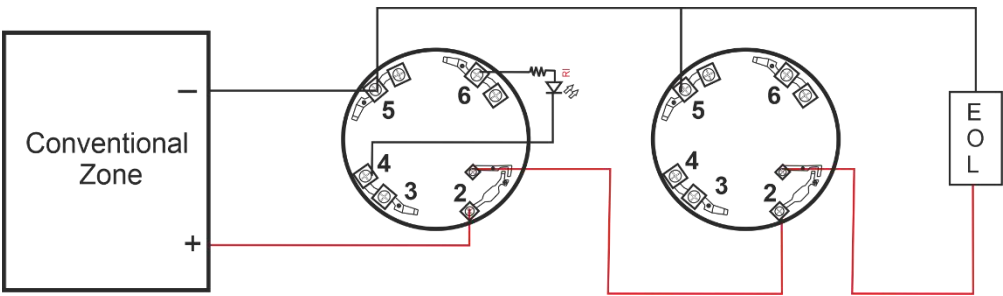
Features

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

SIGNALING
UL®
LISTED

Specification

Electrical Specification	
Operating Voltage	9 ~ 33V DC.
Reset Voltage	Less than 1V.
Standby Current	50 µA.
Start up Time	60 Sec
Start up Current	170 µA.
Alarm Current	90 mA (max).
Remote Output	15mA maximum open collector.
Thermal Rating	59° C (138° F)
Rate Of Rise Temperature	11.1° C / min (20° F/min)
Smoke Sensitivity	(1.9 ± 0.76) % / ft obscuration
Air Velocity	0 - 4000 fpm.
Operating Temperature	-10° C to 37.8° C
Storage Temperature	-10° C to 60° C.
Humidity	0 - 95% RH, non-condensing.
Installation Space	5 meters.
Mechanical Specification	
Dimension	60 H with base x 100 D (mm)
Weight	130 g with base
IP Rating	IP42

Wiring Diagram

Note:
RI-Response Indicator

Compatible Device

Model	Description
RE-314B	Normal Base
RE-717MZ	Addressable Zone Interface Module

Compatible Panel

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

Ordering Information

Model	Description
RE-316SH-2L	Conventional Multi Sensor Detector with Base.