RE 317D - SHL
Analogue Addressable Multi Detector

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Reliability at reach

Product Overview

The RE 317D-SHL addressable multi detectors are designed to work with Avani Panel. These detectors are low profile and have dual LED's for 360° visual indication. The blinking LED's indicate normal operating condition whereas the steady state indicates 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 of 11° C / min.It has an unique chamber designed to sense smoke produced by wide range of sources of combustion. 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 Approved.
- Dual LED's for 360° visibility.
- Advanced detection and communication protocol.
- Easy installation and maintenance.
- Sleek low-profile housing design.
- Regular 100mm base.
- Max. 254 Address setting through 8 way DIP switch.
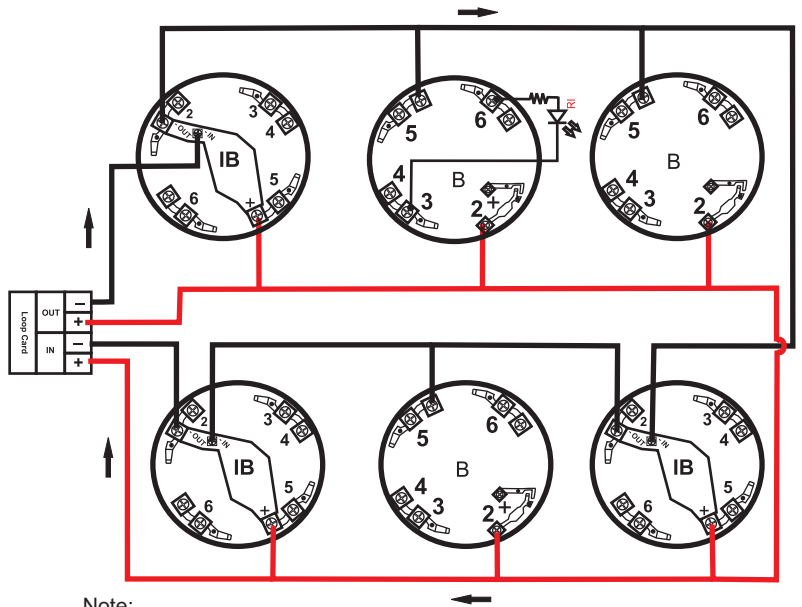
Electrical Specification

Operating Voltage	:	17 ~ 28V DC
Reset Voltage	:	less than 3V
Standby current	:	500 µA.
Start up time	:	30s
Alarm Current	:	5 mA.
Remote Output	:	2mA maximum open collector
Thermal Rating	:	59 ^{o}C (138 ^{o}F)
Rate of Raise of Temp	:	11.1^{o}C / min (20°F/min)
Smoke Sensitivity	:	(2.12 $\pm$ 0.61) % / ft
High	:	1.1% ft
Middle	:	1.4% ft
Low	:	2.3% ft
Air Velocity	:	0 - 4000 fpm.
Operating Temperature	:	-10 ^{o}C to 37.8 ^{o}C
Storage Temperature	:	-10 ^{o}C to 60 ^{o}C
Humidity	:	0 - 95% RH, non-condensing

SIGNALING
UL®
LISTED

Mechanical Specification:

- •Height   :   46 mm with base
- •Diameter   :   100 mm dia
- •Weight   :   150g with base
- •IP Rating   :   IP - 42

Wiring Diagram:

Note:

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

Compatible Device:

RE-314B   - Normal Base

RE-314BI   - Isolator Base

Ordering Information:

MODEL	DESCRIPTION
RE317D-SHL	Analogue Addressable Photoelectric & Heat Detector

*In the interest of improving quality and design, Ravel reserve the right to change the specification without prior notice.   RE-317D-SHL / REV 01 / 2016-2017