

# RE 317D - SHL

## Analogue Addressable Multi Detector



### Product Overview

The RE 317D-SHL addressable detectors are designed to work with Avani Panel. These detectors are low profile and have dual LED's for 360° visual indication. The LED's are blinking in normal operating condition whereas the steady state indicates fire status.

The 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. It has a 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 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

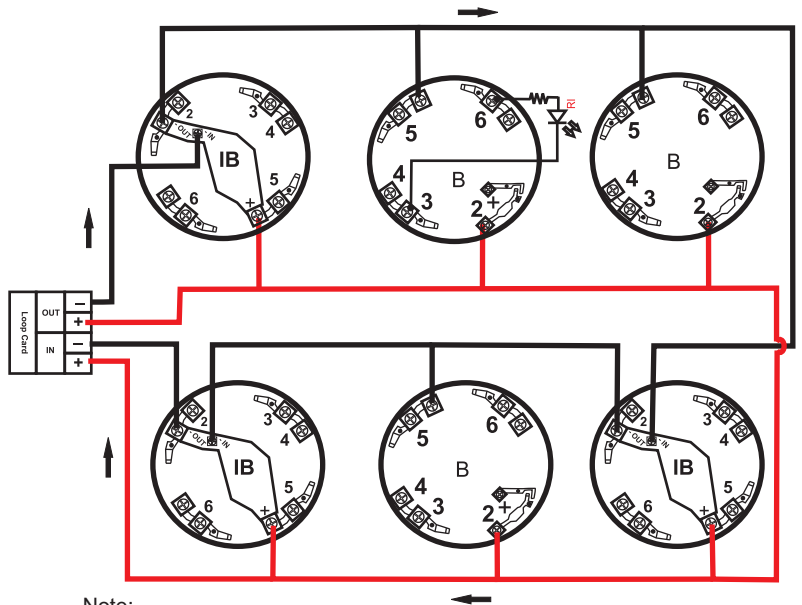
Operating Voltage	:	17 ~ 28V DC
Reset Voltage	:	less than 3V
Start-Up Current	:	500 $\mu$ A.
Alarm Current	:	5 mA.
Remote Output	:	2mA maximum open collector
Thermal Rating	:	59 °C (138 °F)
Rate of Raise of Temp	:	11.1°C / min (20°F/min)
Smoke Sensitivity	:	(2.12 $\pm$ 0.61) % / ft
	High	: 1.1% ft
	Middle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



## 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.

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