APPROVED

RE 317D - SL

Analogue Addressable Photoelectric Smoke Detector

Ravel®
Reliability at reach

Product Overview

The RE 317D-SL 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. It has an unique chamber designed to sense smoke produced by wide range of sources of combustion. The detectors sensitivity can be programmed through fire alarm control panel. It has a unique drift compensation where the detector adjusts its normal reference based on environment conditions.

Features:

- UL listed.
- Dual LED's for 360° visibility.
- Advanced detection and communication protocol.
- Easy installation and maintenance.
- Sleek low-profile housing design.
- Regular 100mm base.
- Address setting by 8 digit DIP switch.

Electrical Specification

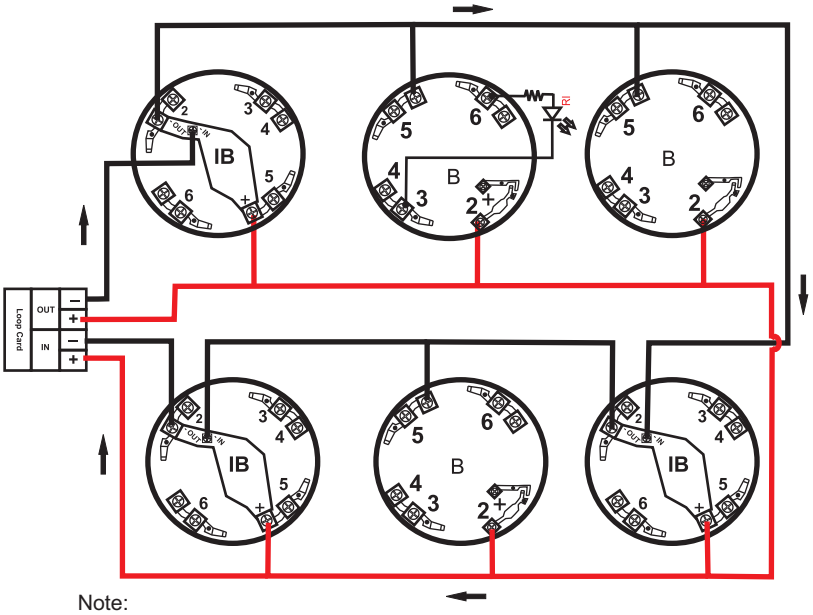
Operating Voltage		:	17 ~ 28V DC
Reset Voltage		:	less than 3V
Standby Current		:	500 µA..
Alarm Current		:	5 mA
Start Up Time		:	30s.
Remote Output		:	2mA maximum open collector
Operating Temperature		:	-10 °C to 37.8 °C
Storage Temperature		:	-10 to 60°C.
Humidity		:	0 - 95% RH, non-condensing
Smoke Sensitivity		:	(2.12 ± 0.61) % / ft
	High	:	1.1% ft
	Middle	:	1.4% ft
	Low	:	2.3% ft
Air Velocity		:	0 - 4000 fpm.

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
RE 317D - SL	Analogue Addressable Photo electric smoke detector

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