RE-317D-SL
ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR

General

Addressable photoelectric smoke detectors are designed to work with Addressable panel. These photoelectric smoke 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 steady state indicates fire status. 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 through fire alarm control panel. It has a unique drift compensation where the detector adjusts its normal reference based on environment conditions.
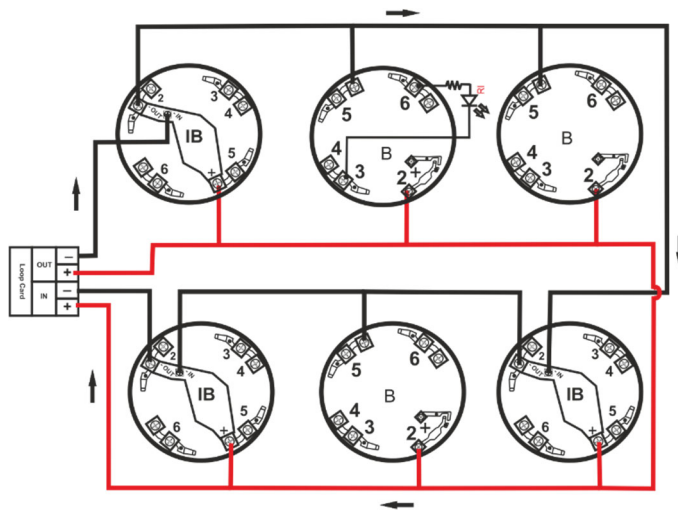
Features

- UL listed and NFPA standard.
- Polarity free, and Dual LED's for 360° visibility.
- 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	30 sec.
Alarm Current	5 mA .
Remote Output	2mA maximum open collector.
Smoke Sensitivity	(2.12 ± 0.61) % obs/ ft (High: 1.1% obs/ft; Medium: 1.4% obs/ft; 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	46 H x 100 D (mm)
Weight	150 g with base
IP Rating	IP-42

Wiring Diagram

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	Analogue addressable Fire Alarm Control panel expandable upto 4 loop
Avani Xl	Analogue Addressable Fire Alarm Control Panel expandable upto 8 Loop

Ordering Information

Model	Description
RE-317D-SL	Addressable Photoelectric Smoke Detector