

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

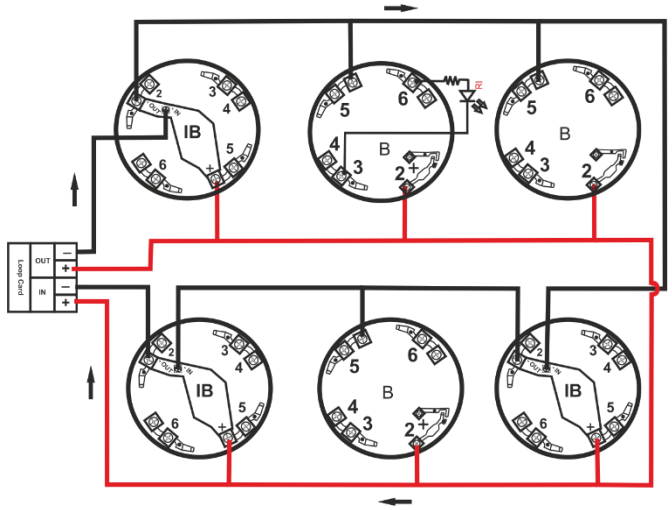
- UL listed and NFPA standard.
- Polarity free, and Dual LED's for 360° visibility.
- Advanced detection and communication protocol.
- Easy to install.
- Sleek low-profile housing design.
- Regular 100mm base.
- Address set by 8 digit DIP switch.



Specification

Electrical Specification	
<i>Operating Voltage</i>	17 ~ 28V DC.
<i>Reset Voltage</i>	Less than 3V.
<i>Standby Current</i>	500 μ A.
<i>Start up Time</i>	30 sec.
<i>Alarm Current</i>	5 mA .
<i>Remote Output</i>	2mA maximum open collector.
<i>Smoke Sensitivity</i>	(2.12 \pm 0.61) % obs/ ft (High: 1.1; Medium: 1.4; Low: 2.3) % obs/ ft.
<i>Air Velocity</i>	0 – 4000 fpm.
<i>Detector Spacing</i>	9 meters
<i>Operating Temperature</i>	-10° C to 37.8° C.
<i>Storage Temperature</i>	-10° C to 60° C.
<i>Humidity</i>	0 – 95% RH, non-condensing.
Mechanical Specification	
<i>Dimension</i>	46 H x 100 D (mm)
<i>Weight</i>	150 g with base
<i>Material</i>	FR ABS plastic
<i>IP Rating</i>	IP-42

Wiring Diagram



Note:

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

Compatible Device

Model	Description
RE-314	Normal Base
RE-314BI	Isolator Base

Compatible Panel

Model	Description
Avani	Analogue addressable Fire Alarm Control panel expandable upto 4 loop
Avani db	Analogue Addressable Fire Alarm Control panel expandable upto 2 loop
Avani XI	Analogue Addressable Fire Alarm Control Panel expandable upto 8 Loop

Ordering Information

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

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