

RE 316S - SL

Photoelectric Smoke Detector



Product Overview

The RE 316S-2L conventional detectors are designed to work with all conventional 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 protocol 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 where in 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

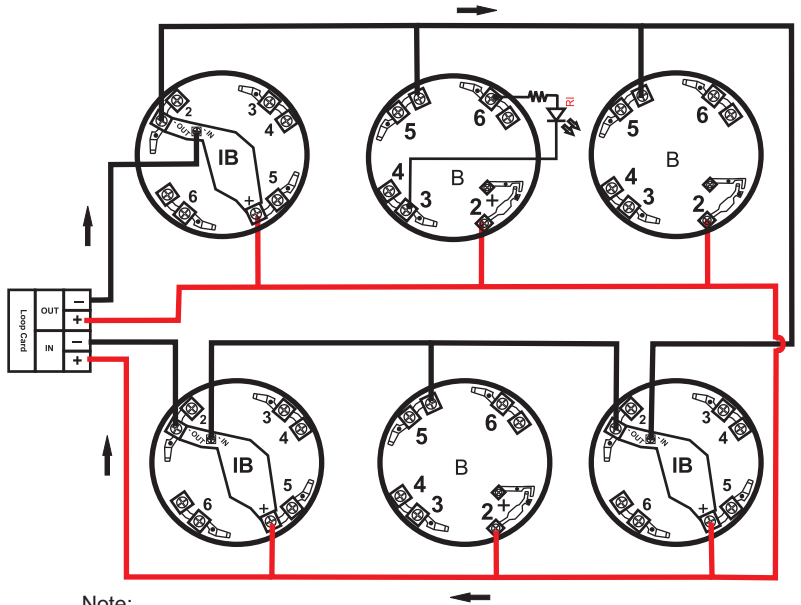
• Operating Voltage	:	9 ~ 33V DC
• Operating Temperature	:	-10 °C to 37.8 °C
• Humidity	:	0 - 95% RH, non-condensing
• Reset Voltage	:	less than 1V
• Start-Up Current	:	120 μ A.
• Alarm Current	:	40 mA.(Max).
• Remote Output	:	15mA maximum open collector
• Smoke Sensitivity	:	(1.96 \pm 0.76) % / ft
• Air Velocity	:	0 - 4000 fpm.



Mechanical Specification:

- Height : 46 mm with base
- Diameter : 100 mm dia
- Weight : 130g 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 316S - 2L	Photo electric smoke detector with base

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