# RE-757Z
## ADDRESSABLE ZONE INTERFACE MODULE

## General

The zone module permits the addressable FACP to interface and monitor 2-wire /4-wire conventional smoke detectors and manual call point. The address of each module is selected by using DIP switch and it utilizes a single address to communicate with Addressable FACP. It transmits the status (Alarm / Normal / Open / Short / 24V fault) of one zone of 2-wire / 4-wire detectors to the FACP. Zone module supervises the zone of detectors and the connection of the external power supply, respectively. The red blinking LED indicates normal operating condition and the steady state for activated condition.

## Features

- UL Listed 864 10th edition.

- Supervised 24V Input & Resettable 24V output

- Supervised Class B Initiating Device Circuits.

- Status LED.

- 2 / 4 wire conventional detector interface facility.

- DIP switch for addressing.

- Address between 1 – 250.

- Inbuilt isolator.

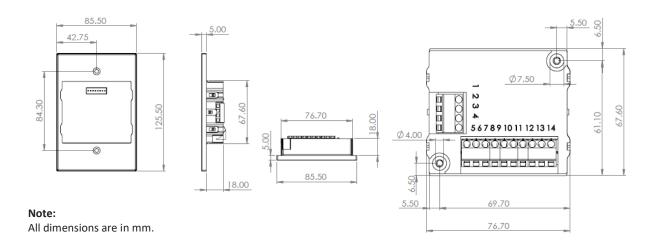- SLC communication with the panel.

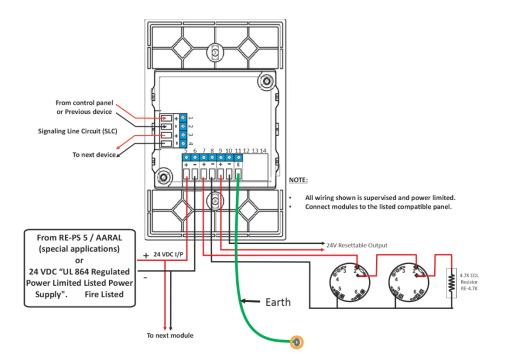- Single gang box.

## Specification

| Electrical Specification | |
|---|---|
| SLC Operating Voltage | 24 VDC Nominal |
| SLC Alarm Current | 3 mA (max) Latched |
| SLC Standby Current | 0.5 mA |
| End of Line resistance | 4K7 ½ watt |
| IDC Wiring resistance | 40 Ω Max (20 Ω each side) |
| IDC Standby current | 1 mA |
| IDC wiring Style | Class B |
| External Supply Voltage | 17 – 32VDC |
| External Alarm Current | 50 mA (max) |
| External Standby Current | 15 mA (max) |
| Temperature Range | 0 – 49° C / 32 – 120° F |
| Storage Temperature | 0 – 60° C / 32 – 140° F |
| Humidity | 93 ± 2% RH (non-condensing) |

| Mechanical Specification | |
|---|---|
| *IP rating* | IP 40 |
| *Dimensions* | (76.6L X 71.6W X 22D) mm (without gang holder) |
| | (125.5L X 85.5W X 22.2D) mm (with gang holder) |
| *Material* | FRABS |
| *Weight* | 80g |

# Dimensions



**Note:**
All dimensions are in mm.

# Wiring Configuration

## Compatible Panel

| Models | Description |
| --- | --- |
| *Aaral X4* | Analogue Addressable Fire Alarm Control Panel expandable upto 4 loops |
| *Aaral X8* | Analogue Addressable Fire Alarm Control Panel expandable upto 8 loops |

## Compatible Device

| Models | Description |
| --- | --- |
| *RE316S-2L* | Conventional photoelectric smoke detector - 2 Wire |
| *RE316H-2L* | Conventional heat detector - 2 Wire |
| *RE316SH-2L* | Conventional multi sensor detector - 2 Wire |
| *RE316S-4* | Conventional photoelectric smoke detector - 4 Wire |
| *RE-316S-4M* | Conventional photoelectric smoke detector - 4 Wire |
| *RE316H-4* | Conventional heat detector- 4 Wire |
| *RE316H-4M* | Conventional heat detector- 4 Wire |
| *RE316SH-4* | Conventional multi sensor detector- 4 Wire |
| *RE316SH-4M* | Conventional multi sensor detector- 4 Wire |
| *EazyBeam* | Beam detector - 4 Wire |

## Ordering Information

| Models | Description |
| --- | --- |
| RE-757Z | Analogue Addressable Zone Interface Module |