

RE-757I

ADDRESSABLE ISOLATOR MODULE

General

The Isolator module is an automatic device that isolates a part of the loop by opening when the line voltage drops below 14Volts. These modules should be spaced between groups of sensors or modules in a loop to isolate the faulty area from the rest of the loop. If a short occurs between any two isolators, then both isolators immediately switch to an open state and isolate the devices between them. The remaining units on the loop continue to fully operate. Recommended to connect a maximum of 20 devices to each isolator. The module blinks indicating normal status and a steady glow when activated.

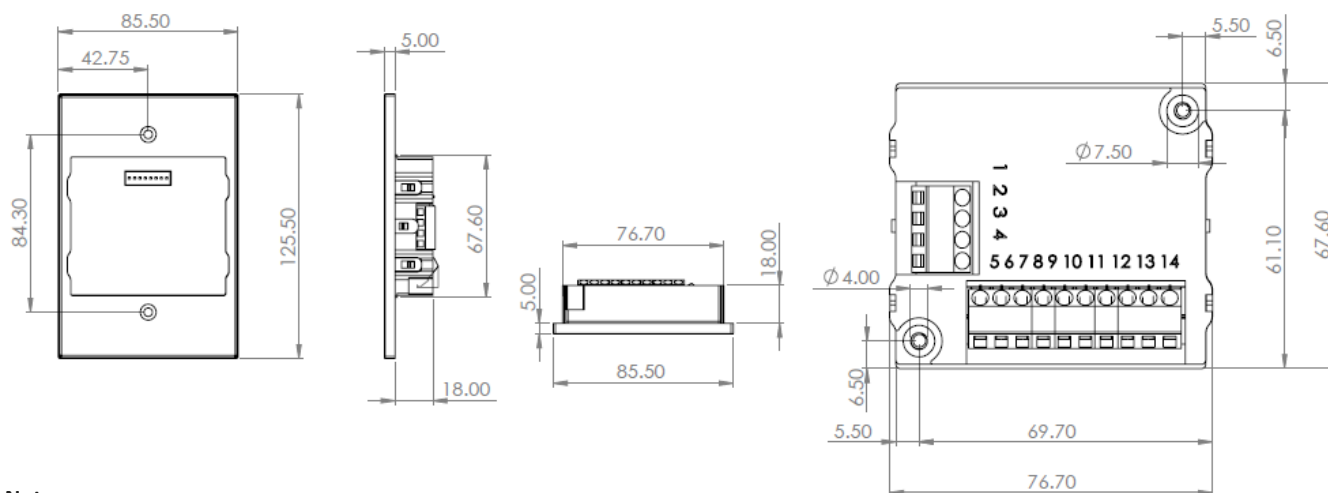
Features

- Low Standby Current.
- Status LED.
- Inbuilt isolator.
- SLC communication with the panel.
- Single gang box.

Specification

Electrical Specification	
<i>Min Supply Voltage (Vmin)</i>	17V
<i>Max Supply Voltage(Vmax)</i>	28VDC
<i>Nominal Supply Voltage(V)</i>	24VDC
<i>Quiescent Current at 24V(Ic)</i>	30μA
<i>Operating Temperature</i>	10°C to 49°C
<i>Storage Temperature</i>	10°C to 60°C.
<i>Leakage Current at 24V(IL)</i>	2 mA when isolating
<i>Max Curent (through loop)(Ic)</i>	1A continuous, 3A Peak
<i>Isolating Voltage (Vco)</i>	<14V
<i>Maximum on resistance(Zc)</i>	0.02
<i>Re-connect Voltage(Voc)</i>	14 ~ 16V
Mechanical Specification	
<i>IP rating</i>	IP 40
<i>Dimensions</i>	(76.6L X 71.6W X 22D) mm (without gang holder)
	(125.5L X 85.5W X 22.2D) mm (with gang holder)
<i>Material</i>	FRABS
<i>Weight</i>	70 g

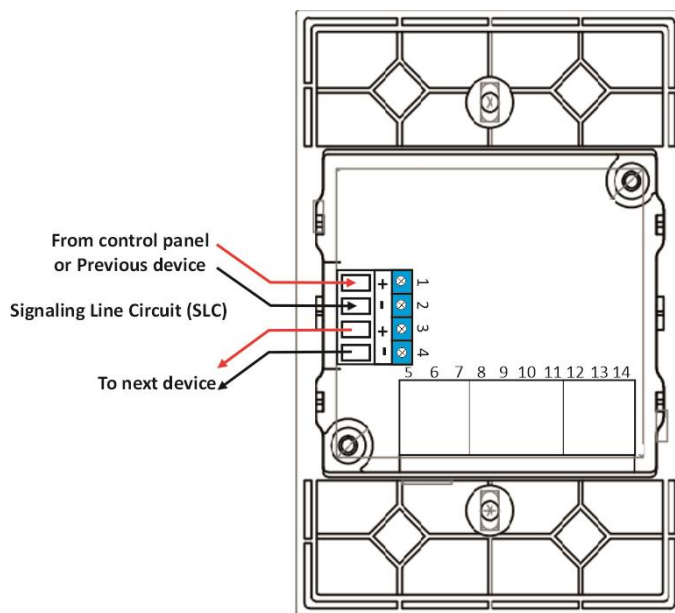
Dimensions



Note:

All dimensions are in mm

Wiring Configuration



NOTE:

- All wiring shown is supervised and power limited.
- Connect modules to the listed compatible panel.

Compatible Panel

Models	Description
<i>Aaral X4</i>	Analogue Addressable Fire Alarm Control Panel expandable upto 4 loops
<i>Aaral X8</i>	Analogue Addressable Fire Alarm Control Panel expandable upto 8 loops

Ordering Information

Models	Description
RE-757I	Addressable Isolator Module

India

RAVEL ELECTRONICS PVT LTD.,
(An ISO 9001 Company)
150A, Electronics Industrial Estate, Perungudi,
Chennai -600 096, India.
E-mail: marketing@ravelfire.com Web: www.ravelfire.com

USA

RAVEL AMERICAS INC.,
2855 NW 112th Ave ST#2 Miami,
Doral, Florida 33172, USA.