# RE-RP Series
## Repeater Panel

**Ravel** ®
*Reliability at reach*

## Product Overview

RE-RP Series  is a microprocessor based repeater panel which is a compatible for RE-2554 / RE-2558 Fire Alarm Control Panel. This repeater has full indication and can monitor the main  FACP. This repeater is connected to RE-2554/RE-2558 FACP using RS-485 communication. Any fault / fire occurred in main fire alarm control panel is indicated in this repeater panel. The display parameters can be selected individually to suit the requirement of each remote area.

## Features:

• 20 X 4 Dot Matrix LCD display.
• Alphanumeric keypads.
• RS-485 Communication for Network Repeater.
• System ON, AC ON, Battery ON, Charger ON indications.
• Drill test / Evacuate facility.
• Lamp test facility.
• Maximum 16 Mainpanels includes repeaters can be connected in a Single Network through RS-485.

## Special Features:

• Ravel Indian Manufacturer, International standard.
• Operates on RS-485 communication.
• Repeats all the parameters of the main FACP.

## Electrical Specification

**Primary Power**

120-220 VAC,60/ 50 W

**Battery (Lead Acid only)**

Charging Current: Constant Voltage 28V @ 0.5A (Max.).
24V DC (2 Nos of 12V, 7Ah (Max.) Sealed Lead acid battery)
System Quiescent Current: 70mA

**Operating Condition**

Operating Temperature      : 0 - 49° C / 32-120° F.
Storage Temperature        : 0 - 60° C
Relative Humidity          : 93 ± 2% RH (non-condensing) at 32 ±2° C / 90 ± 3° F.

**Notification Appliance Circuits ( Sounder Circuit)**

Operating Nominal Voltage : 24V DC
Sounder (NAC) output       : 0.5A
End-Of-Line Resistor       : 4.7K,1/4 Watt
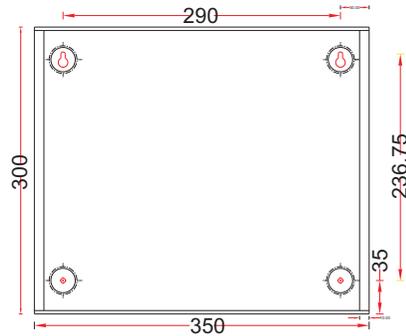
**Potential Free Relay Contact**

Type                  : Form C
No of Relays          : 1
Relay Contact Rating  : 2 Amps @ 30 VDC,
                        0.5 Amps @ 125 VAC.

## Mounting Detail:



## Mechanical Specification:

| | |
|---|---|
| Dimensions | : (350W X 300H X 100D) |
| Color | : White |
| Construction | : 18 Gauge (1.22mm) CRCA sheet with powder-coated Finish |
| IP Rating | : IP50 |
| Cable Entry | : 11xø19mm Knockout in top of the cabinet |

## Connection Diagram:



RE-RP Series
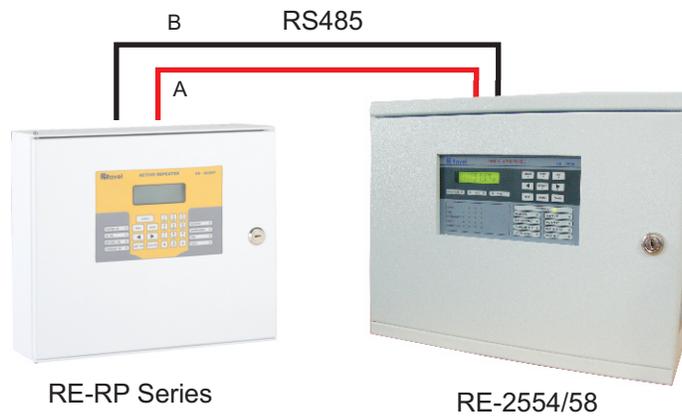
RE-2554/58

Note:- Maximum distance for RS 485 communication : 1 Km
Recommended cable : CAT5E or Equivalent.

## Compatible Devices:

| MODELS | DESCRIPTION |
|---|---|
| RE-2554 / 58 | 4 / 8 Zone Fire Alarm Panel |

## Ordering Information:

| MODELS | ZONES |
|---|---|
| RE- 008RP | Up to 8 Zones |
| RE- 064RP | Up to 64 Zones |
| RE-128RP | Up to 128 Zones |

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