

RE-RP Series

FIRE ALARM REPAETER PANEL

General

RE-RP Series is a microprocessor based repeater panel which is 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

- Operates on RS-485 communication.
- Repeats all the parameters of the main FACP.
- 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.

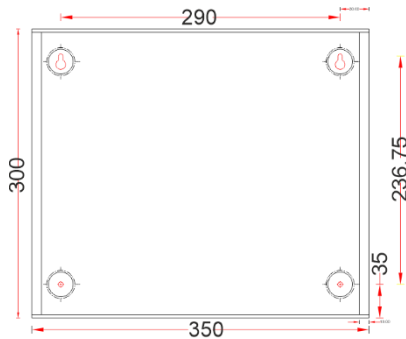


Specification

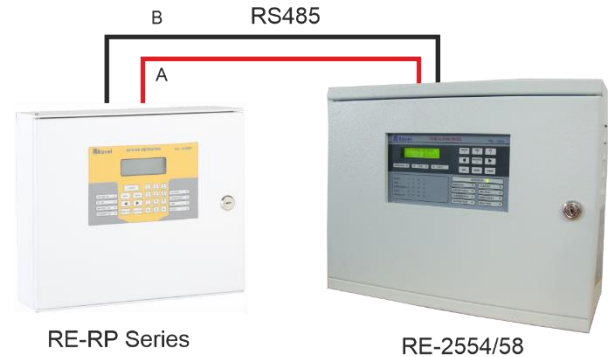
Electrical Specification	
<i>Primary Power</i>	120-220 VAC, 60/ 50 W
<i>Standby Power</i>	24V DC (2 Nos of 12V, 7Ah (Max.) Sealed Lead acid battery)
<i>Charging Current</i>	28V @ 0.5A (Max.).
<i>Quiescent Current</i>	70mA
<i>Operating Temperature</i>	0 - 49°C / 32-120°F.
<i>Storage Temperature</i>	0 - 60°C
<i>Relative Humidity</i>	93 ± 2% RH (non-condensing) at 32 ± 2° C / 90 ± 3° F.
<i>NAC Operating Voltage</i>	24V DC
<i>Sounder (NAC) output</i>	0.5A
<i>End-Of-Line Resistor</i>	4.7K, 1/4 Watt
<i>Relay Type</i>	Form C
<i>No of Relays</i>	1
<i>Relay Contact Rating</i>	2 Amps @ 30 VDC, 0.5 Amps @ 125 VAC.

Mechanical Specification	
<i>Dimension</i>	(350W X 300H X 100D)
<i>IP rating</i>	IP 50
<i>Color</i>	White
<i>Construction</i>	18 Gauge (1.22mm) CRCA sheet with powder-coated Finish
<i>Cable entry</i>	11xø19mm Knockout in top of the cabinet

Mounting Detail



Connection Diagram



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

Compatible Device

Model	Description
RE-2554	4 Zone Conventional Fire Alarm Panel
RE-2558	8 Zone Conventional Fire Alarm Panel

Ordering Information

Model	Description
RE- 008RP	Up to 8 Zones
RE- 064RP	Up to 64 Zones
RE-128RP	Up to 128 Zones

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