

# RE-900RP Series Repeater Panel



## Product Overview

RE-900RP Series is a microprocessor based Fire Alarm Repeater Panel and which is compatible to RE - 900 Series Fire Alarm Control Panels. It is communicated with RE - 900 series FACP through RS485 and shows the status of the FACP Connected with it or FACP's in network.

## 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.
- Lamp test facility.
- Maximum 16 panels including repeater can be connected in a Single Network via RS-485.
- Repeater Panel can monitor the status of RE-900 series panels via RS-485 Network communication.
- User can Disable / Enable the Zone of Fire Alarm Control Panel Connected in network.



## Special Features:

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

## Electrical Specification

### AC Power :

120-220 VAC, 60/ 50 Hz

### Battery (Lead Acid only)

Charging Current: Constant Voltage – 27.6v @ 0.5A (Max.).  
24V D.C (2 Nos of 12v, 7Ah (Max.) Sealed Lead acid battery)  
System Quiescent Current: 70mA

### Operating Condition

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

### Notification Appliance Circuits (Sounder Circuit)

Operating Nominal Voltage: 24 VDC

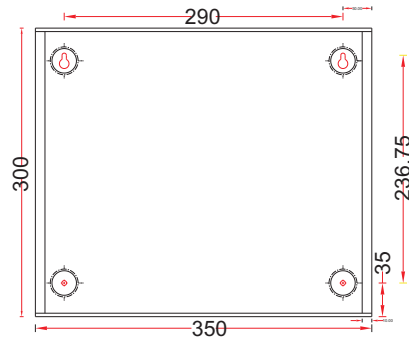
Sounder (NAC) output: 0.5A

End-Of-Line Resistor: 4.7K, 1/4watt

### Potential Free Relay Contact

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

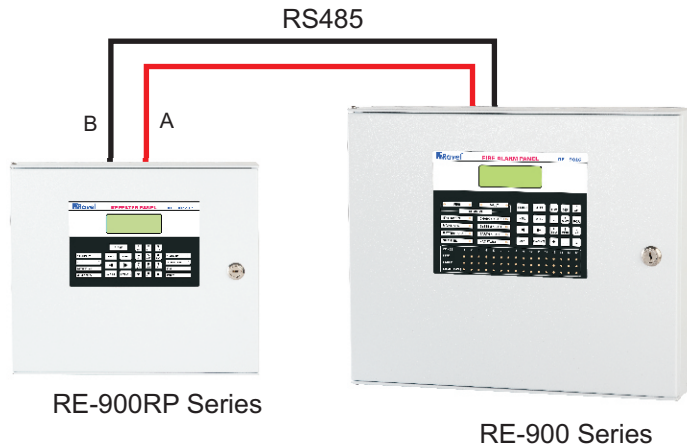
## Mounting Detail:



## 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:



Note:- Maximum distance for network communication : 1 Km

## Compatible Devices:

MODELS	DESCRIPTION
RE-900 series	Fire Alarm Control Panel

## Ordering Information:

ZONES	MODELS
Up to 32 Zones	RE- 9032RP
Up to 128 Zones	RE- 9128RP
Up to 256 Zones	RE-9256RP

### NOTE:

RE-9XXXRP → RE-900RP Series Repeater Panel

XXX → 32Zone , 128Zone, 256Zone

### India:

**RAVEL ELECTRONICS PVT LTD.,**  
 (An ISO 9001 Certified Company)  
 150A, Electronics Industrial Estate, Perungudi, Chennai - 96 .India.  
 E-Mail: marketing@ravelfire.com; Web : www.ravelfire.com

### United Kingdom:

**RAVEL ELECTRONICS LTD.,**  
 Unit 11, Chancel Industrial Estate, Newhall street,  
 Willenhall WV13 1NX, West Midlands, United Kingdom.  
 E-mail: info@ravelfire.co.uk ;Web: www.ravelfire.co.uk