RE-900 RP Series
CONVENTIONAL REPEATER PANEL

General

A microprocessor based Fire alarm repeater panel and which is compatible to RE-900 series Fire Alarm Control Panels. It communicates with RE-900 series fire alarm control panel through RS 485 and shows the status of the fire alarm control panel connected with it or fire alarm control panel 's in a 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.
- User can Disable / Enable the IDC of Fire Alarm Control Panel Connected in network.
- Repeats all the parameters of the main FACP
- Maximum 16 nodes in network.

Specification

Electrical Specification		
Primary Power	120-220 VAC,60/ 50 W	
Standby Power	24V DC (2 Nos of 12V, 7Ah (Max.) Sealed Lead acid battery)	
Charging Current	28V @ 0.5A (Max.).	
System Quiescent Current:	70mA	
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 Circuit	Operating Nominal Voltage	24 VDC
	Sounder (NAC) output	0.5A
	End-Of-Line Resistor	4.7K, 1/4watt
Relay	Type	Form C
	No of Relays	1
	Contact Rating	2A @ 30 VDC, 0.5 A @ 125 VAC

Mechanical Specification	
Dimensions	(350W X 300H X 100D) mm
Construction	18 Gauge (1.22mm) CRCA sheet with powder-coated Finish
Color	White
IP Rating	IP50
Cable Entry	11 x ∅19 mm knockout in the top of the cabinet

Mounting Detail

Connection Diagram
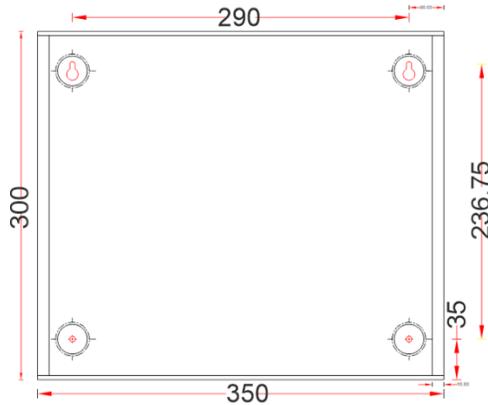
RE-900RP Series   RE-900 Series
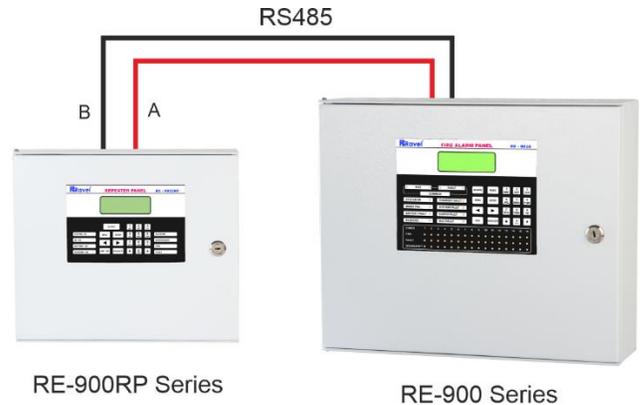
Note: Max. Distance for RS 485 communication : 1Km
Recommended Cable :CAT5E or equivalent

Compatible Device

Model	Description
RE-900 series	Conventional Fire Alarm Control Panel

Ordering Information

Model	Description
RE-9032RP	Upto 32 IDC Conventional Repeater panel
RE-9128RP	Upto 128 IDC Conventional Repeater panel
RE-9256RP	Upto 256 IDC Conventional Repeater panel