

RE-517RP

Analogue Addressable Fire Alarm Active Repeater Panel



Product Overview:

The RE-517RP repeater panel is a compact remote unit for Ravel-Avani Intelligent Analogue Addressable fire Alarm panel. This repeater is an active repeater with full indication and controls of main FACP. This repeater is connected to Avani FACP using RS 485 communication network. Any communication fault or any loss in communication due to cable fault is indicated in this repeater panel. The display parameters can be selected individually to suit the requirement of each remote area.

Special Features:

- Modular Construction, Serviceability.
- Repeats all indication / controls of main FACP.
- Networkable.
- User selectable display parameters.

Features:

- 32 bit processor.
- 160 (40 X 4) Characters LCD display.
- Touch Keypad for user friendly operation.
- Remote silence and evacuate can be done from Repeater Panel.
- Remote Programming and control of any main panel in the network / system .
- RS 485 Communication for Standalone / Network Repeater.
- 1000 Event storage with Real Time Clock.
- Battery low audio visual warning.
- One supervised Notification Appliance Circuits.
- One Form C relay for Common fire.
- USB 2.0 for PC Interface.



Electrical Specification:

Primary Power

120 / 220VAC + 10% -15%, 60 / 50 Hz, 2 Amps.

Standby Power

24V D.C (2 Nos of 12v, 7Ah (Max.) Sealed Lead acid battery)

Operating Condition

Operating Temperature 0 - 49° C/32-120° F.

Relative Humidity $93 \pm 2\%$ RH (non-condensing) at $32 \pm 2^{\circ}$ C/ $90 \pm 3^{\circ}$ F.

Charging Circuit

Charging Voltage $28V \pm 0.2V$ Nominal

Charging Current 0.8A (Max.).

Notification Appliance Circuits

No of circuits : 1

Class B, Style - Y wiring

Operating Nominal Voltage : 24 VDC Nominal

Current for NACs : 1 Amps

Line Drop : 2.4V

End-Of-Line Resistor : 4K7, ½ watt

Relays

Type : Form C

No of Relays : 1

Relay Contact Rating : 2A @ 30 VDC,
2A @ 30VAC.

Mechanical Specification:

Dimensions : (350W X 400H X 90D) mm

Color : White / Red / Black

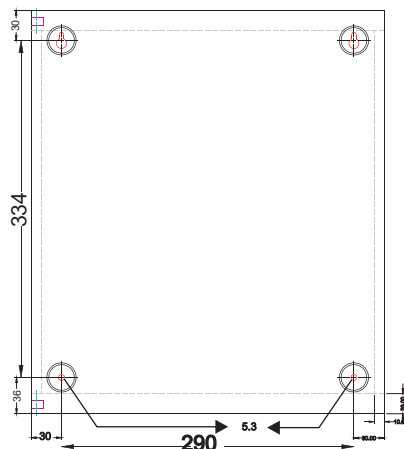
Construction : 16 gauge (1.6mm) CRCA sheet
with powder-coated finish

IP Rating : IP50

Cable Entry : 8xØ19mm Knockout at the top of the cabinet

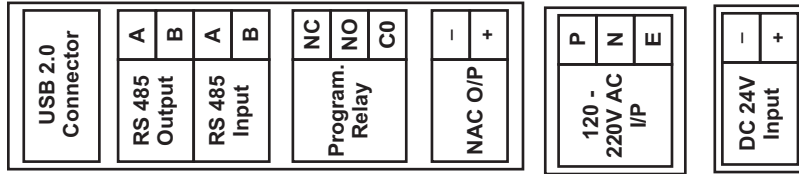
Weight : 6 Kg

Mounting Detail:

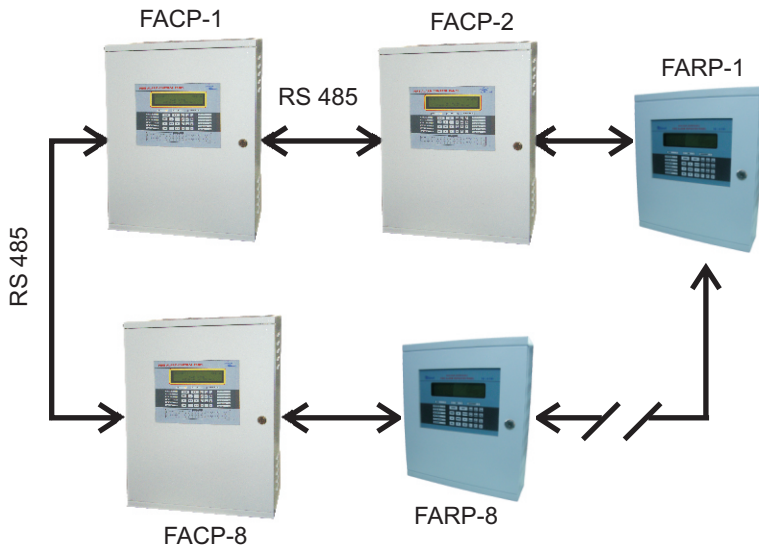


Note:- All Dimensions are in MM

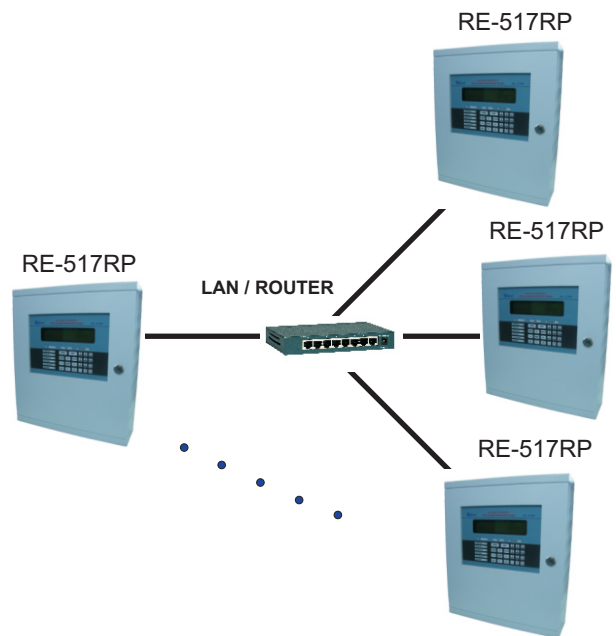
Terminal Detail:



Peer to Peer Topology



IP Based Network



Compatible Devices:

MODELS	DESCRIPTION
Avani	Analogue Addressable Fire Alarm Panel

Ordering Information:

MODELS	Description
RE-517RP-W/R/B	Analogue Addressable Repeater Panel

Note:

- *By default Repeater panel is designed for Wall mounting only.
- *If Specified Repeater panel will be designed for Flush Mounting.
- * W - White Color ; R - Red Color ; B - Black Color

*In the interest of improving quality and design, Ravel reserve the right to change the specification without prior notice.

RAVEL ELECTRONICS LTD.

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