

AVANI-RP

ANALOGUE ADDRESSABLE FIRE ALARM REPEATER PANEL

General

The Avani-RP repeater panel is a compact remote unit for Ravel-Avani analogue addressable fire alarm panel. It replicates all the indications of fire alarm control panel in standalone or in a peer-to-peer network Panel. It has (40X4) 160 character LCD Display. This repeater is connected to Avani control panel 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, Servicable.
- Networkable.
- User selectable display parameters.

Features

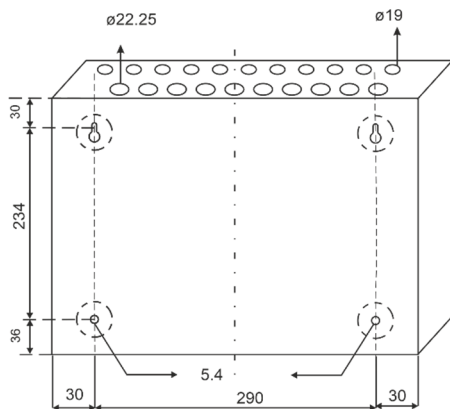
- UL listed (9th Edition).
- 32 bit processor.
- Touch Keypad.
- 160 (40X4) character LCD Display.
- 2000 Event with Real Time Clock.
- RS 485 communication for Network / Repeater.
- One form C relay for fire.
- Extensive built in transient protection.
- Lamp test facility.
- Common fire, supervisory, fault LED indication.



PC Specification

Electrical Specification		
<i>Operating Voltage</i>	24VDC	
<i>Quiescent Current</i>	80mA	
<i>Alarm Current</i>	130mA	
<i>Operating Condition</i>	Operating Temperature 0 - 49° C / 32-120° F. Relative Humidity 93 ± 2% RH (non-condensing) at 32 ±2° C / 90 ±3° F.	
<i>RS 485</i>	Baud rate	19200.
	Connector	RS 485
	Cable Length	1200m (Twisted pair cable recommended)
<i>Fire Relays</i>	Type	Form C
	No of Relays	1
	Relay contact rating	2A @ 30 VDC, 0.5A @ 125 VAC
Mechanical Specification		
<i>Dimensions</i>	(350W X 300H X 90D)mm	
<i>Color</i>	White / Red / Black	
<i>Construction</i>	18 Gauge (1.22 mm) CRCA sheet with powder-coated Finish	
<i>IP Rating</i>	IP50	
<i>Cable Entry</i>	8x ϕ 19mm Knockout on top of the cabinet	
	7x ϕ 22.25mm Knockout on top of the cabinet	
<i>Weight</i>	5 Kg	

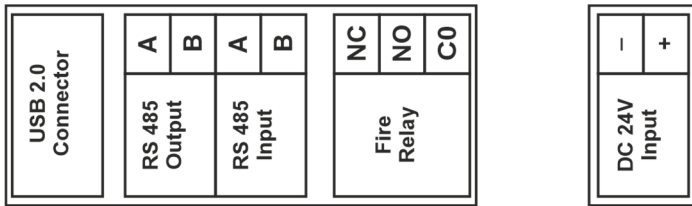
Dimensions



Peer to Peer Network



Terminal Details



Compatible Devices

Models	Description
<i>Avani</i>	Analogue Addressable Fire Alarm Control Panel expandable upto 4 loop

Ordering Information

Model	Description
Avani-RP	Analogue Addressable Fire Alarm Repeater Panel

Note:

W – White

R_ Red

B – Black

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