AVANI–RP
ANALOGUE ADDRESSABLE FIRE ALARM REPEATER PANEL

General

The Avani-RP repeater panel is a compact remote unit for Ravel-Avani Intelligent analogue addressable fire alarm panel. It repeats 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.
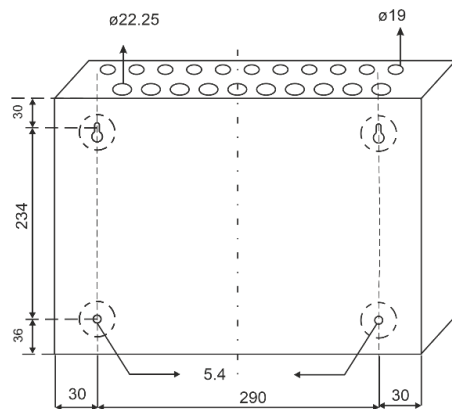- User selectable display parameters.

Features

- UL listed (9th Edition).
- 32 bit processor.
- 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.
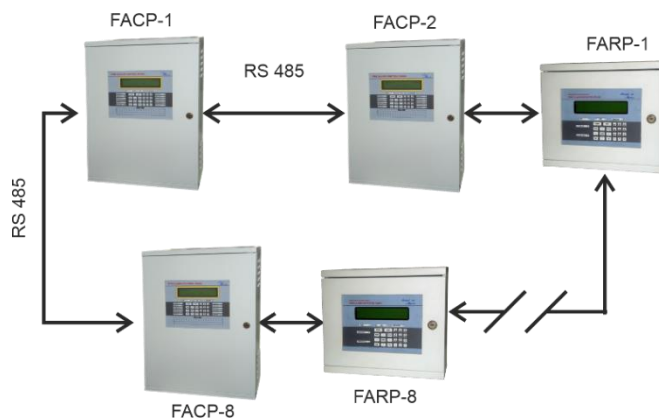- Common fire, supervisory, fault LED indication.

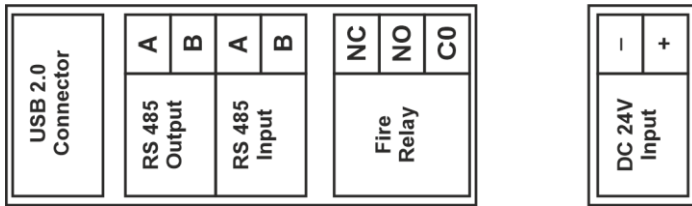| Electrical Specification		
Operating Voltage	24VDC	
Quiescent Current	80mA	
Alarm Current	130mA	
Operating Condition	Operating Temperature 0 - 49° C / 32-120° F. Relative Humidity 93 ± 2% RH (non-condensing) at 32 ±2° C / 90 ±3° F.	
RS 485 (optional)	Baud rate	19200 Baud.
	Connector	RS 485
	Cable Length	1200m (screened cable recommended)
Fire Relays	Type	Form C
	No of Relays	1
	Relay contact rating	2A @ 30 VDC, 0.5A @ 125 VAC
Mechanical Specification		
Dimensions	(350W X 300H X 90D)mm	
Color	White / Red / Black	
Construction	18 Gauge (1.22 mm) CRCA sheet with powder-coated Finish	
IP Rating	IP50	
Cable Entry	8xø19mm Knockout on top of the cabinet 7xø22.25mm Knockout on top of the cabinet	
Weight	5 Kg	

Dimensions

Peer to Peer Network

Terminal Details

USB 2.0 Connector	RS 485 Output		RS 485 Input		Fire Relay		
	A	B	A	B	NC	NO	C0

DC 24V Input	
–	+

Compatible Devices

Models	Description
Avani	Analogue Addressable Fire Alarm Control Panel

Ordering Information

Model	Description
Avani-RP W / B / R	Analogue Addressable Fire Alarm Control Panel