

RE-127GR

Gas Release repeater Panel

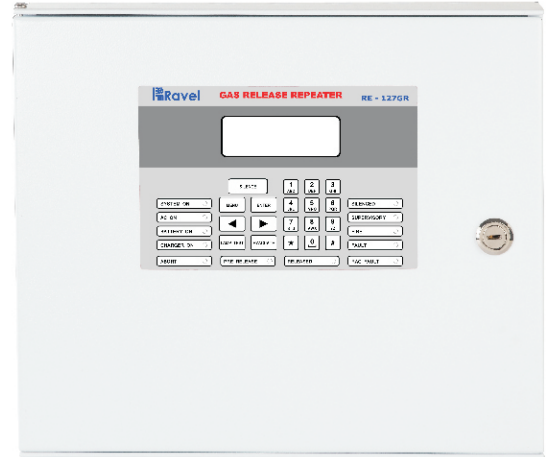


Product Overview

RE-127GR is a microprocessor based Gas Release repeater panel which is a compact unit for RE-120GR / RE-25AR Fire Alarm Control Panel. This repeater has full indication and monitors the main FACP. This repeater is connected to RE-120GR / RE-25AR FACP using RS-485 communication. 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.

Features:

- 20 X 4 Dot Matrix LCD display.
- System ON, AC ON, Battery ON, Charger ON indications.
- Alphanumeric keypads.
- Drill test / Evacuate facility.
- Lamp test facility.



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, $\pm 10\%$, 60/50Hz, 60W

Battery (Lead Acid only)

Charging Current: Constant Voltage – $28V \pm 2\%$ @ 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.
Storage Temperature : 0 - 60° C
Relative Humidity $93 \pm 2\%$ RH (non-condensing) at $32 \pm 2^\circ$ C / $90 \pm 3^\circ$ F.

Notification Appliance Circuits (Sounder Circuit)

Operating Nominal Voltage: 24 VDC

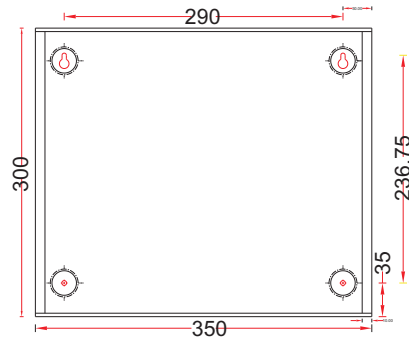
Sounder (NAC) output: 0.5A

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

Relay Output

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

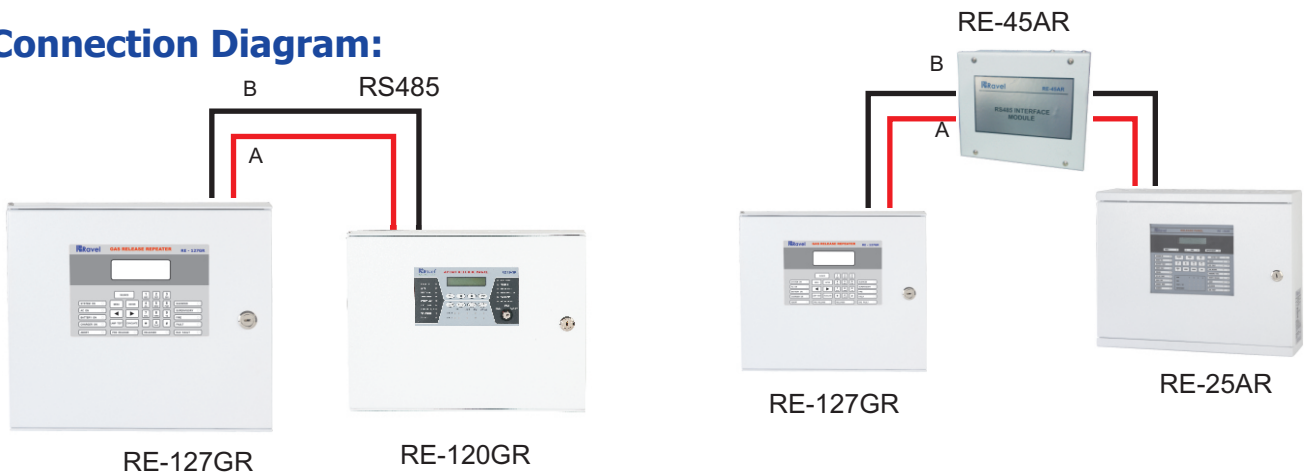
Mounting Detail:



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 Repeater(RS 485) communication : 1 Km
Recommended Cable : CAT5E or Equivalent

Compatible Devices:

MODELS	DESCRIPTION
RE-120GR	2 Zone Agent Release Panel
RE-25AR	4 Zone Agent Release Panel

Ordering Information:

MODELS	Description
RE- 127GR	Gas Release Repeater Panel
RE- 45AR	RS 485 Interface Module for RE-25AR

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