RE-127GR
FIRE ALARM REPEATER PANEL

General

RE-127GR is a microprocessor based Gas Release repeater panel which it is a compact unit for RE-120GR / RE-25AR Fire Alarm Control Panel. This repeater have full indication and monitor 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

- CE Approved.

- Operates on RS-485 communication.

- Operates on 120 to 220V AC, 60 / 50 Hz.

- 20 X 4 Characters LCD display.

- Repeats all the indication / Information of main panel.

- RS 485 Communication for Standalone Repeater.

- System ON, AC ON, Battery ON, Charger ON indications.

- Alphanumeric keypads.

- Sounder (Evacuate) test facility.
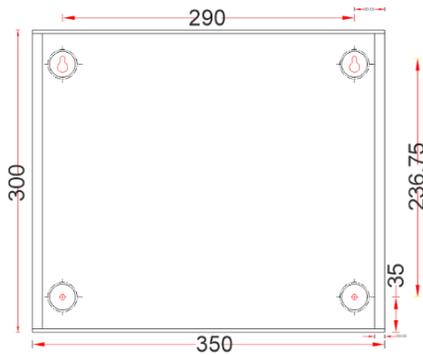
- Lamp test facility.

Specification

Electrical Specification	
Primary Power	120-220 VAC,60/ 50Hz
Standby Power	24VDC (2 Nos of 12V, 7Ah Sealed Lead acid battery)
Charging Current	27.6V @ 0.5A (Max.).
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.
NAC	Operating Voltage : 24V DC
	Current : 0.5A
	EOL : 4.7K,1/4 Watt
Relay Contact Rating	2 Amps @ 30 VDC, 0.5 Amps @ 125 VAC.
Communication Port	RS 485 (1.2Km distance)

Mechanical Specification	
Dimensions(mm)	350W X 300H X 100D
Color	White
Construction	18 Gauge (1.22mm) CRCA sheet with powder-coated finish
IP Rating	IP42
Cable Entry	11 xø19mm Knockout on top of the cabinet

Mounting Detail

Connection Diagram

Compatible Panels

Model	Description
RE-120GR	Conventional Agent Release Panel
RE-25AR	Conventional Agent Release Panel

Ordering Information

Model	Description
RE-127GR	Conventional Repeater panel for Agent Release Panel

India

RAVEL ELECTRONICS PVT LTD.,
150A, Electronics Industrial Estate,
Perungudi,Chennai – 96, India.
E-mail: sales@ravelfire.com; Web: www.ravelfire.com

UAE

RAVEL DMCC,
Unit No: G30, DMCC Business Center,
Level No 13, AG Tower, Dubai, UAE.
E-mail: sales@raveldmcc.com

USA

RAVEL AMERICAS INC.,
2855 NW 112th Ave ST#2 Miami,
Doral, Florida 33172, USA.
E-mail: sales.us@ravelfire.com