

RE-26GR

AGENT RELEASE PANEL

General

Agent Release Panel fully complies with UL-864 and NFPA-72. While implementing the latest in microprocessor technology for conventional panels ease to operate along with clear visible indications come at an advantage for the end user. These panel are a feature packed control unit performing dual function of detection and controlled release of gaseous agent. These panels have 4 detection circuits and 2 agent release circuit with various programmable options. The panel have all the safety features to prevent accidental release, easy to install, commission with user friendly programmable option, this panel is ideal choice to protect the premises.

Special Features

- Complies to UL 864 10th edition.
- Switch Mode Power Supply.
- Modular Construction, Serviceable.
- Special logic circuitry to prevent accident release.
- Auto Resettable Fuse.
- Surge Protected.
- Battery polarity & deep discharge protection.
- Variable solenoid ON / OFF time.
- Separate LED indications on front facia for individual Releasing Agent Circuit.
- Standby (battery) backup 24V DC power supply with built-in charger.
- Main, Standby status audio visual indication.
- Battery Low audio visual warning tone.
- 3 Form C programmable relays for fire / fault /supervisory / gas released.
- Two modes of operations Auto / Manual.
- Programmable 24V DC Outputs.
- RS 485 Communication facility.
- 200 Events history log with RTC.
- Walk Test facility.
- Zone Isolation facility with voltage cut off.
- Earth fault annunciation facility.
- All field wiring circuits are power limited except 220VAC and battery.
- All field wiring circuits are supervised.
- AC low voltage cut off.
- Programmable RAC's with count down timer.
- Programmable AC loss delay.
- Programmable trouble remainder.

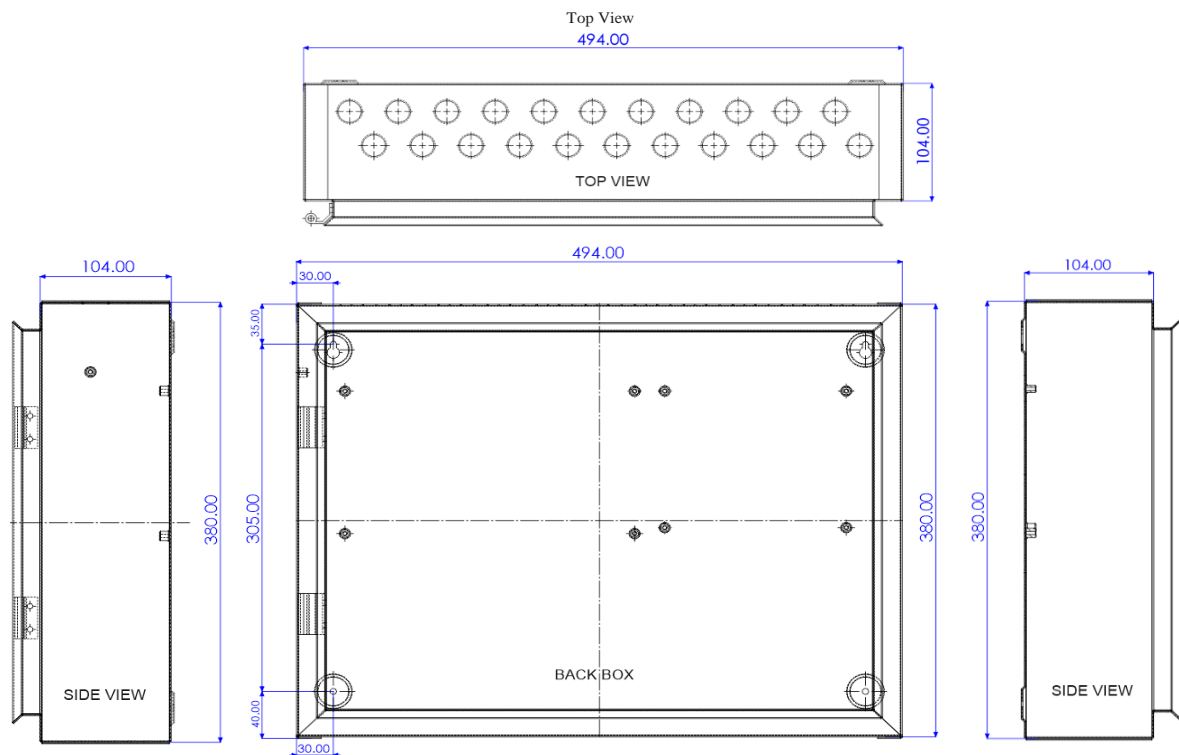
Features

- 16x2 Dot Matrix LCD display.
- 4 Class B Initiating Device Circuit (IDC).
- All zones accept smoke detectors and any normally open contact device.
- Any Zone can be configured as alarm or supervisory zone.
- 2 Class B Programmanble Releasing Agent Circuits (RAC).
- Programmable Main / Standby RAC output.
- 2 Class B Notification Appliance Circuits (NAC).

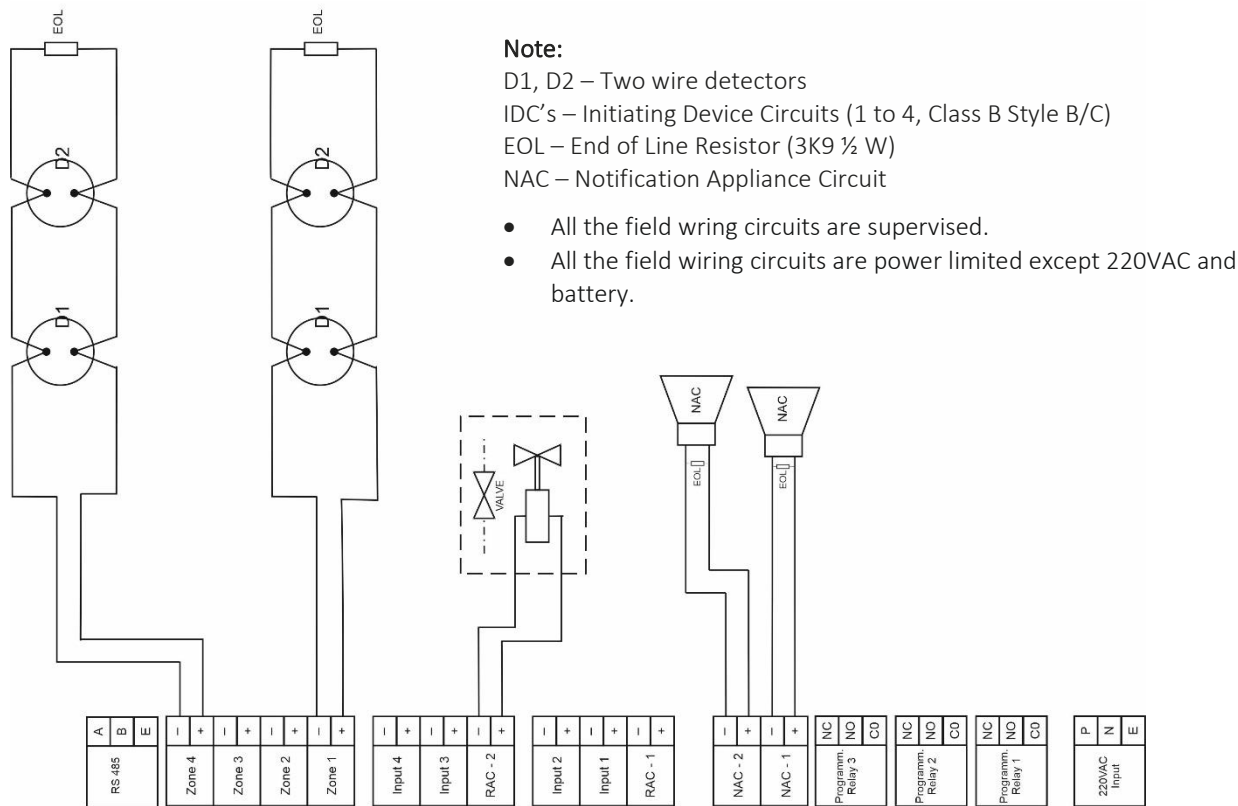
Specification

Electrical Specification		
Primary Power	220VAC + 10%, 50 Hz, 2.5Amps, 100W	
Standby Power	24VDC (2 No's of 12 V, 12Ah sealed lead acid battery).	
Operating Condition	Operating Temperature 0 – 49° C / 32 – 120° F. Relative Humidity 93 ± 2% RH (non-condensing) at 32 ± 2° C / 90 ± 3° F	
Storage Temperature	0 – 60° C	
Quiescent Current	120 mA.	
Charging Circuit	Charging voltage 28 V, ± 2% nominal Charging current 800mA (max)	
Notification Appliance Circuits	Quantity	2 No's
	Wiring style	Class B, Style Y
	Total NAC Current	3A (max)
	NAC 1 & NAC 2 current	2A per circuit (max)
	Line drop	1.8V
	EOL resistor	3K9, ½ watt
Releasing Agent Circuits	Quantity	2 No's
	Wiring style	Class B, Style Y
	Total RAC Current	3A (max)
	RAC 1 & RAC 2 current	2A per circuit (max)
	Line drop	1.8V
	EOL resistor	3K9, ½ watt
DC Output	Quantity	1 No
	Voltage	24VDC regulated
	Current	300mA (max)
Relays	Type	Form C
	Quantity	3 No's
	Relay contact rating	0.5A @ 125 VAC
	Power factor	1.0
Initiating Device Circuits	Wiring style	Class B, Style B/C
	Quantity	4 No's
	Normal operating voltage	14 – 21 VDC
	Alarm current	15 – 30 mA
	Short circuit current	45 mA (max)
	Loop resistance	100 Ω (max)
	EOL Resistor	3K9, ½ watt
	Standby current	7 mA (2 mA for detectors)
Programmable Input Circuit	No. of inputs	4 No's
	Normal operating voltage	8 – 12 VDC
	Short circuit current	5 mA (max)
	Loop resistance	100 Ω (max)
	EOL Resistor	3K9, ½ watt
	Standby current	2.5 mA
	Manual release switch	3 (max)
Mechanical Specification		
Dimension	494 W x 380 H x 104 D in mm	
Cable Entry	11 x ø 22.5 mm;	Knockouts on top of the cabinet
	11 x ø 19 mm	
Construction	18 Guage CRCA sheet with powder coated finish	
IP rating	IP 50	

Mechanical Details



Wiring Configuration



Compatible Devices

Models	Description
<i>11591NC</i>	Solenoid Valve
<i>PA0337NC</i>	Solenoid Valve
<i>RE-3K9</i>	End of Line Resistor

Ordering Information

Model	Description
RE-26GR	4 Zone Agent Release Panel

India

RAVEL ELECTRONICS PVT LTD.,
(An ISO 9001 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

USA

RAVEL AMERICAS INC.,
2855 NW 112th Ave ST#2 Miami,
Doral, Florida 33172, USA.