

Agent Release Panel



Features:

- Rugged CRCA sheet with powder coated finish.
- Operates on 220V, A.C supply
- Battery backup with built in charging.
- 16 X 2 LCD Dot Matrix Display.
- Evacuate and Key pad Enable, Disable Facility.
- Low battery visual warning with audible tone.
- Relay output for actuators.
- Remote fire indication with Audible Tone.
- Compatible to all types of conventional detectors.
- Zone Disable (Isolation) facility with loop voltage cut off.
- Resettable 24v DC output for 4 wire detectors (Optional).
- Three 24V Hooter Output (Fire, after Cross zone, after gas release).
- Two mode operation facility (Auto / Manual).
- Programmable FAP input selection Facility.
- Programmable Solenoid Output with On and OFF Timer.
- Main / Standby Cylinder output Facility (Optional).
- Programmable Standby output.
- Gas Inhibition and Instant release facility.
- Manual Gas Release with or without timer.
- Actuator pressure low sensing facility.
- Pressure switch facility.

Electrical Specification:

Power

220-240 VAC, 50 Hz.
Wire size: 1.5 Sq. mm with 600V insulation

Battery (Lead Acid only)

Charging Voltage: 27.9 VDC.
Charging Current: 1.2Amps (Max)
System Quiescent Current: 80mA + (2.4mA for Detectors)

Initiating Device Circuits (Zone Circuit)

All zones are Class B wiring
Normal Operating Voltage: Nominal 24 VDC
Alarm Current: 15 35mA threshold
Short Circuit Current: 40mA Maximum
Loop resistance: 50 ohms Maximum
End-Of-Line Resistor: 4.7K, 1/4watt
Standby Current: 6.8mA (2.4mA for Detectors)

Notification Appliance Circuits (Sounder/Hooter Circuit)

Operating Nominal Voltage: 24 VDC
Hooter (NACs) output: 0.5A (Each)
End-Of-Line Resistor: 4.7K, 1/4watt

Solenoid Relay Output Circuits

Operating Nominal Voltage: 24 VDC
Solenoid output: 0.75A (Each)
2No's of Hooter (NACs) output: 0.3A (Each)
End-Of-Line Resistor: 4.7K, 1/4watt (for Solenoid Output)

Remote Outputs

Fire Contact (C, NO, NC): 220v AC/30v DC@ 1A
Fault Contact (C, NO, NC): 220v AC/30v DC@ 1A
Timer Contact (C, NO, NC): 220v AC/30v DC@ 1A

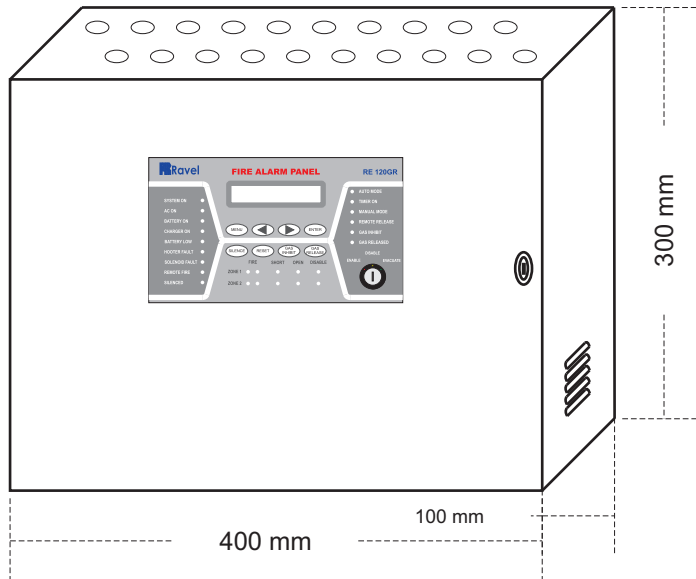
24 VDC Power For remote devices (Optional)

Operating Voltage: 24VDC, 500mA Max.

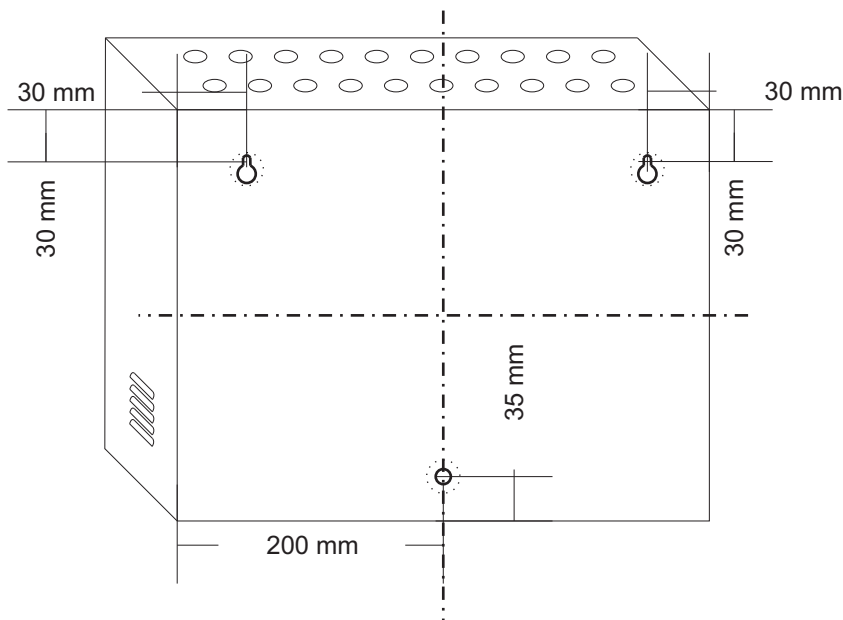
RS 24 VDC Power For Four Wire devices (Optional)

Operating Voltage: 24VDC, 500mA Max.

G.A.Diagram:



Mounting Detail:



Terminal Details:

RS 485 Output		24 VDC Output (300mA)		STD BY Pressure Switch		STD BY ACT. PR. Low		STD BY Cylinder 24V O/P		Main Cylinder 24V O/P		Main Pressure Switch		Main ACT. Pressure Low		24VDC Sounder 3		Manual Inhibit		Manual Release		Timer Relay			24VDC Sounder 2		Remote Input		24VDC Reset Output		Zone 2		Zone 1		24VDC Sounder 1		Fault Relay		Fire Relay 2		Fire Relay 1		220 V AC I/P		
A	B	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	NC	NO	C	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	P	N	E		