iQ500-RP
INTELLIGENT REPEATER PANEL

Product Overview:

The iQ500-RP intelligent addressable repeater panel is a cost effective way to provide system status information in key remote areas, away from control panel. It is easily connected to the panel through RS485 communication port.

Features:

- As per UL 864, 9th Edition & NFPA 72.
- 32 bit processor Arm Cortex M3.
- 160 (40X4) character LCD display.
- Real Time Clock.

Network options:

- RS 485 Communication for Network/Repeater.
- USB 2.0 Interface for PC Connectivity.
- One form C relay for Fire.
- Extensive, built-in transient protection.
- Lamp test Facility.

Electrical Specification:

Operating Power

24V D.C.

Operating Condition
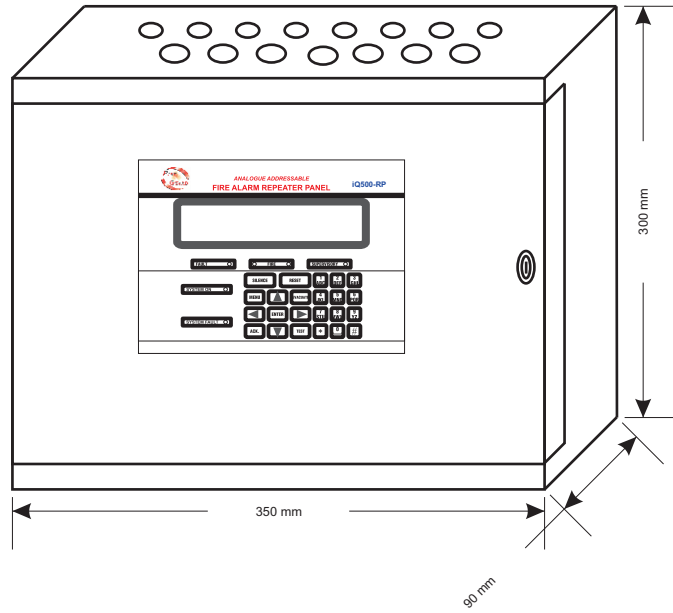
Operating Temperature 0 - 49° C/32-120° F.

Relative Humidity 93 ± 2% RH (non-condensing) at 32 ±2° C/96 ±3° F.
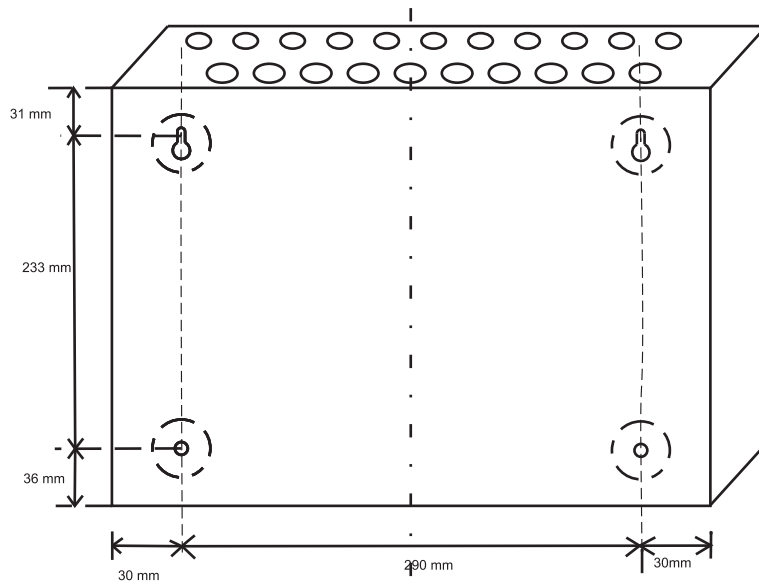
One Common Form C Relays

Relay Contact Rating: 2A @ 30 VDC, 2A @ 30VAC.
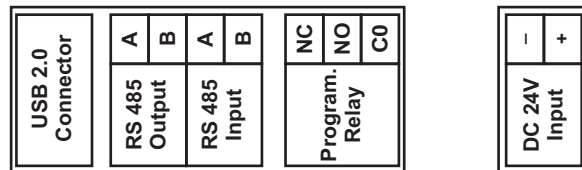
Power Factor: 1.0

G.A.Diagram:

ANALOGUE ADDRESSABLE
FIRE ALARM REPEATER PANEL   iQ500-RP

300 mm

350 mm

90 mm

Mounting Detail:

31 mm

233 mm

36 mm

30 mm

290 mm

30mm

Terminal Details:

USB 2.0 Connector	RS 485 Output		RS 485 Input		Program. Relay			DC 24V Input	
	A	B	A	B	NC	NO	C0	–	+