Fire Alarm Panel
(Precision)

MODEL: **PR–10Z/32Z/48Z**

10 to 48 Zone Conventional Fire Alarm Control Panel

Fire scan model conventional panel has been developed to provide a simple & reliable solution to the demands of today's fire detection solution.
This model is designed friendly & cost effective.
The panels comes with two variants–10 Zone & 48 Zone.
Each zone can support upto 25 Nos of max zone length should be 200 meters with 1.5 sq mm cable.

Features:

- **Advance Micro controller based Fire Alarm Panel.**
- **10 to 48 zone Expandable.**
- **16x2 character LCD Display.**
- **Mains, A. C. Fail, fuse, Charging, Rev. Batt. Indication.**
- **Zone wise fire, open, short LED indications.**
- **Zone wise fire, open, short testing facility.**
- **Zone healthy indications.**
- **Zone isolations facility through switch.**
- **Extra Potential free contact for fire & fault.**
- **Trickle & fast charging facility.**
- **Reset ,alarm cancel, Lamp test, controls etc.**
- **Compatible with any make conventional smoke & heat detector.**
- **485 Communication for Repeater & Mimic Panels.**
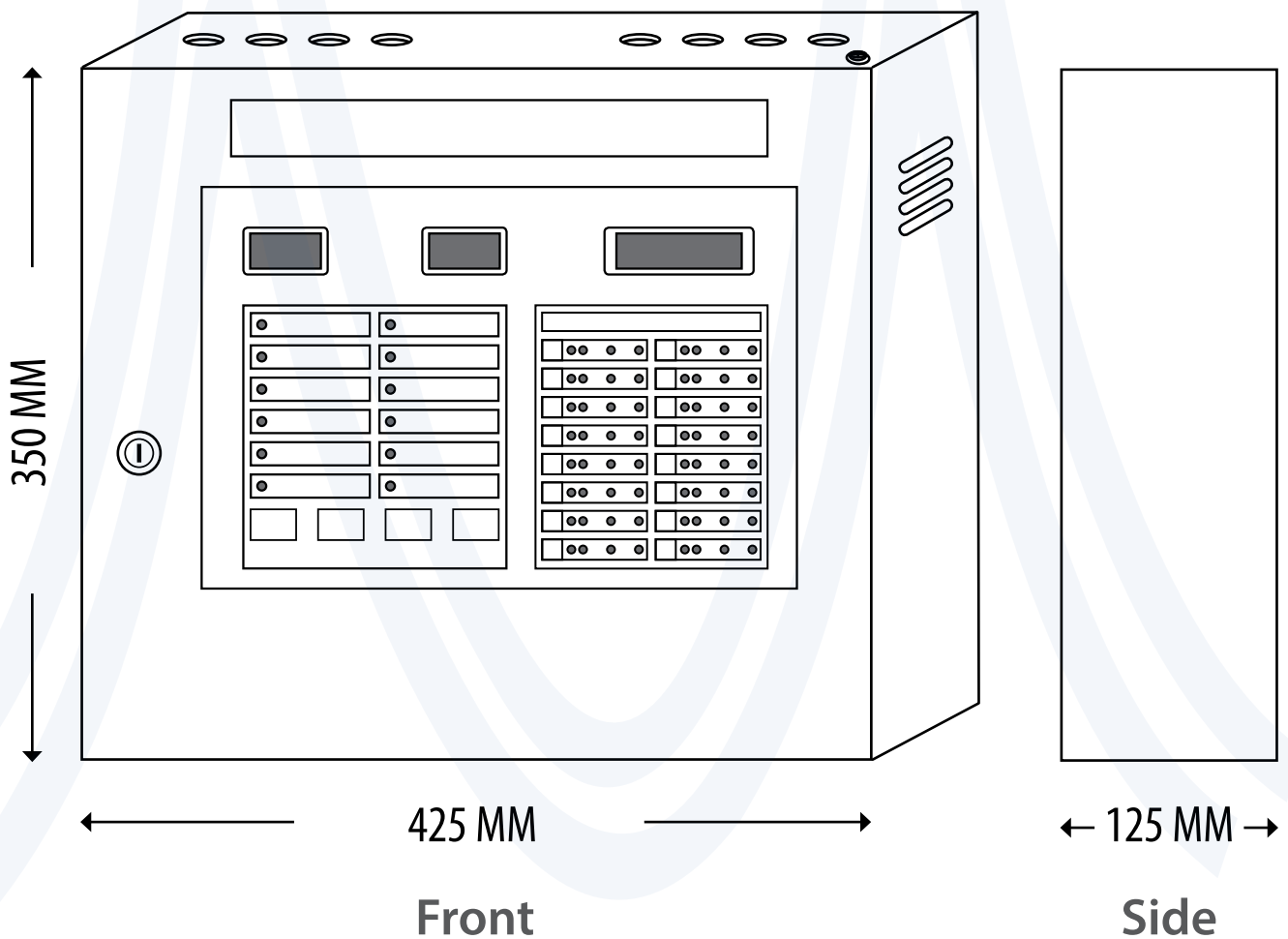- **Common fire, fault annunciation facility.**

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Technical Specification:

Power supply	230 V AC, 50 Hz / 24 V DC
Operating Voltage	24 V DC
Normal Loop Voltage	23.20 V DC
Alarm o/p	24 V DC
E.O.L.	4K 7
Color of the Panel	Siemens Gray/Marble White/Red
Communication Wise	Single pair of twisted cable.

Mechanical Specification:
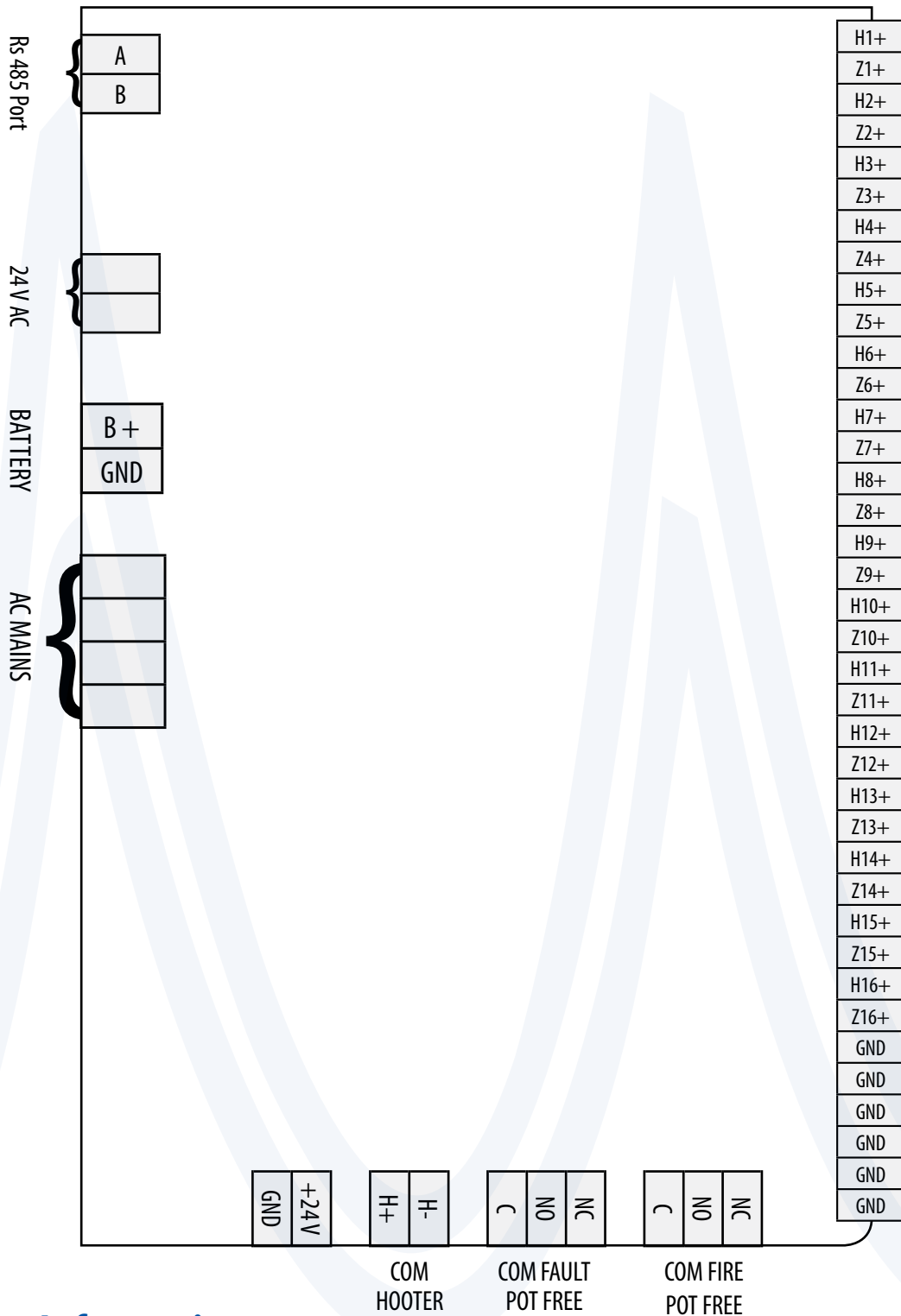
Dimension :   15.5" x 14" x 5"

Weight :   08 Kg (Without Battery)

350 MM

425 MM

Front

← 125 MM →

Side

Connection Diagram:

Dimension : 15.5" x 14" x 5"

Weight : 08 Kg (Without Battery)

Rs 485 Port
- A
- B

24 V AC

BATTERY
- B +
- GND

AC MAINS

Right side terminals (top to bottom):
H1+, Z1+, H2+, Z2+, H3+, Z3+, H4+, Z4+, H5+, Z5+, H6+, Z6+, H7+, Z7+, H8+, Z8+, H9+, Z9+, H10+, Z10+, H11+, Z11+, H12+, Z12+, H13+, Z13+, H14+, Z14+, H15+, Z15+, H16+, Z16+, GND, GND, GND, GND, GND, GND

Bottom terminals:
GND | +24V — **COM HOOTER**
H+ | H−
C | NO | NC — **COM FAULT POT FREE**
C | NO | NC — **COM FIRE POT FREE**

Ordering Information:

Part Number	Pack Quantity	Dimensions (WxHxD millimetres)	Weight
PR–10Z	1 NOS.	350 x 205 x 120	5 Kg
PR–32Z	1 NOS.	350 x 205 x 120	5 Kg
PR–48Z	1 NOS.	350 x 205 x 120	5 Kg