

Fire Alarm Panel

(IRIS 2–4 Zone)

MODEL: IR-2Z/4Z

2 & 4 Zone Conventional Fire Alarm Control Panels

IRIS 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 user friendly & cost effective.

The panels comes with two variants 2 Zone & 4 Zone.

Each zone can support upto 25 Nos of devices with max zone length of 200 meters with 1.5 sq mm cable.

Features:

- Operates on 230 V AC, 50 Hz AC supply
- Battery backup with built in charger
- Fire / fault status in unambiguous colored LED indications.
- 16 x 2 line dot matrix LCD display
- Zone wise fire, open, short LED indications.
- External s/w for reset, Silence, Lamp test.
- Zone isolation facility with loop voltage cutoff.
- Relay O/P for actuators.
- Mains on, System On, Charger on, visual indications.
- Battery Low & Common fire indications
- Auto dialer attachable facility
- Enough inside space for battery
- Attachable with all types of fire detectors.



Technical Specification:

Panel Operating Condition Operating Voltage

AC Power	220Vac, 50Hz \pm 10%
Standby	24 V DC
Operating Temperature	0°C to 55°C
Operating Humidity	95% (non-condensing)

Zone Operating Condition

Normal Zone Voltage	19.5 -21.5 Vdc
Open Threshold Current	4.4 mA
Short Threshold Current	35 mA
Fire Threshold Current	15 – 35 mA
Alarm Outputs	2 A (24V dc) (Normal)

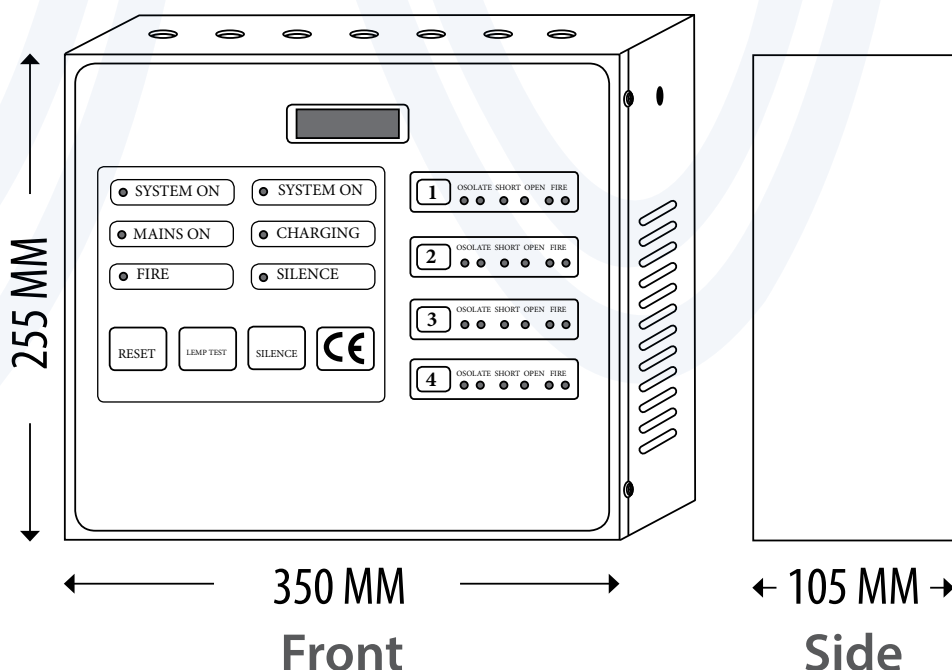
NB: Hooter output current can be increased as per customer requirement.

Remote Outputs

Fire Contact1 (C,NO,NC)	240V ac/24Vdc@ 7 Amp
Fault Contact (C,NO,NC)	240V ac/24Vdc@ 7 Amp

Mechanical Specification:

Weight	4 Kg (approximate)
Size	350 x 255 x 105 mm (width x height x depth)
Color	Broken white / Red



Connection Diagram:

Z1+	G N D	Z2+	G N D	Z3+	G N D	Z4+	G N D	H+	FIRE			FIRE			G N D
									NC	C	NO	NC	C	NO	

5	27Vdc i/P
6	

12 VDC
24 VDC
GND
Batt +

Ordering Information:

Part Number	Pack Quantity	Dimensions (WxHxD millimetres)	Weight
IR-2Z	1 NOS.	350 x 255 x 105	4 Kg
IR-4Z	1 NOS.	350 x 255 x 105	4 Kg