

Conventional- 2 Zone LPG Leak Alarm Panel

Model – **ALPG201ZT**



Features:

- ✓ Build in battery and charger
- ✓ Zone isolate control
- ✓ Two form c potential free contact
- ✓ Lamp test facility
- ✓ Supervised NAC output
- ✓ LED as indicators
- ✓ Auto isolate zone when short circuit occurs

Overview:

This micro controller based conventional LPG leak alarm panel is easy to install and maintain by the user. It has a simple LED indication and touch control switch. This unit is designed for small application and budget friendly. Since it has very less hardware, chances of failure are also very less. This panel can be used with all standard brand conventional devices.

Specifications

Electrical specifications

| | |
|--------------------------|---|
| Primary power supply | 220V/110V \pm 10% AC, 50/60 Hz |
| Secondary power supply | 24V DC (2 nos. of 12V, 1.3/7Ah SLA battery) |
| Battery charging voltage | 500mA (max) |
| Battery charging current | 28 \pm 1 V |

Mechanical specifications

| | |
|--------------------|--------------|
| Dimensions (HxWxD) | 342x275x70mm |
|--------------------|--------------|

General specifications

| | |
|-----------------------|--|
| Operating temperature | 0°C to 49°C |
| Storage temperature | 10°C to 50°C |
| Humidity | 0-95% RH(Non-condensing) |
| Housing | 16 Gauge cold rolled sheet metal powder coated |

Initiating Device Circuit (Zone circuit)

| | |
|----------------------------|-----------------|
| Normal voltage | 24V DC |
| Alarm current | 25mA (max)/zone |
| Short circuit peak current | 48mA (max) |
| End of line resistor | 4.7Kohm ½ watt |
| Detectors per zone | 20 |

Relay contact rating

| | |
|-------------|-----------------|
| Fire relay | 2A at 24V DC |
| Fault relay | 2A at 24V DC |
| NAC Output | 480mA at 24V DC |