

Conventional Fire Alarm Panel-2 Zone Model – **ALCAP201Z**



Features:

- ✓ Budget friendly
- ✓ Built-in battery and charger
- ✓ Lamp test facility
- ✓ Low current and less hardware compact
- ✓ Maintenance free
- ✓ User friendly

Overview:

This micro controller based conventional fire 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

1. Primary power supply 230V AC, 50 Hz
2. The control panel consumes less than 1Watt @ 230V AC
3. The control panel has capacity and provision to accommodate 2 no's of 12V, 1.3Ah SMF battery
4. Control panel can deliver upto 1Amps to drive external sounders
5. Battery backup shall be made based on number of sounders and its current consumption

6. Avoid using high current, unprofessionally designed sounders/hooters
7. End of line resistance 4.7K Ohms ½ Watt
8. Maximum number of MCP/Detector can be connected

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