

Conventional Fire Alarm Panel- 12 Zone

Model No - ALCAP1201Z



Overview:

This micro controller based conventional Fire Alarm control panel is easy to install and maintain by the user. It has 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 failures are also very less. This panel can be used with all standard brand conventional devices.

- LED as indicators
- Built-in battery charger
- Auto isolate zone when short circuit occurs
- Zone isolate control
- Supervised NAC output
- Two form C potential free contact
- Low battery visual warning with audible tone
- Lamp test facility

Specification

Electrical Specifications

Primary power supply	220V/110V ±10%AC, 50/60Hz
Secondary power supply	24VDC (2nos of 12V, 1.3/7Ah SLA battery)
Battery charging current	500 mA(max)
Battery Charging Voltage	28±1V
Operating temperature	0°C to 49°C
Storage temperature	5°C to 50°C
Humidity	0-95% RH (Non-condensing)
Housing	16 guage 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	4.7KΩ ,½ watt
Detectors per zone	20

Relay Contact Rating

Fire relay	2A@24VDC
Fault relay	2A@24VDC
NAC output	480mA@24VDC

Mechanical Specifications

Dimensions(HXWXD)	460x400x125mm
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