

# Conventional Fire Alarm Panel-2 Zone

Model No - ALCAP201Z



## 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

<b>Primary power supply</b>	220V/110V ±10%AC, 50/60Hz
<b>Secondary power supply</b>	24VDC (2nos of 12V, 1.3/7Ah SLA battery)
<b>Battery charging current</b>	500 mA(max)
<b>Battery Charging Voltage</b>	28±1V
<b>Operating temperature</b>	0°C to 49°C
<b>Storage temperature</b>	5°C to 50°C
<b>Humidity</b>	0-95% RH (Non-condensing)
<b>Housing</b>	16 guage cold rolled sheet metal powder coated

### Initiating Device Circuit(zone circuit)

<b>Normal voltage</b>	24V DC
<b>Alarm current</b>	25mA(max)/Zone
<b>Short circuit peak current</b>	48mA(max)
<b>End of line Resistor</b>	4.7KΩ ,½ watt
<b>Detectors per zone</b>	20

### Relay Contact Rating

<b>Fire relay</b>	2A@24VDC
<b>Fault relay</b>	2A@24VDC
<b>NAC output</b>	480mA@24VDC

### Mechanical Specifications

<b>Dimensions(HXWXD)</b>	342x275x70mm
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