

The AW-CFP2166 fire alarm panel has the following characteristics:

Maximum number of Analogue Conventional Detector

Inputs: 20 detectors each zone

Input: 2 Zones

2 outputs for Alarm devices: 2 bells

Relays: fault relay and fire relay

Auxiliary power output: 24VDC/ 100mA limiting protection

Automatic power switchover: mains power and secondary power (from batteries)

Independent functional buttons with indication: User friendly interface for easy operation and recognition

Access levels to enter the panel

Fault supervision and notification: inputs, outputs, system, power, earth, fuse

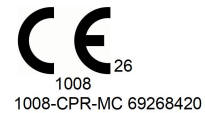
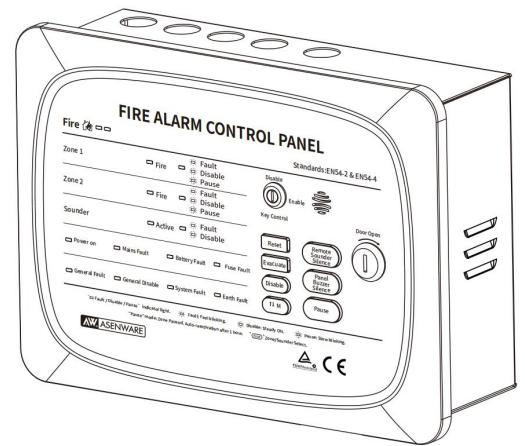
Disablement: zones and sounder disablement

Evacuation: Fire drills to simulate fire alarm condition on panel

Silence: sounders and buzzer silence

Pause: zones disablement only for 1 hour

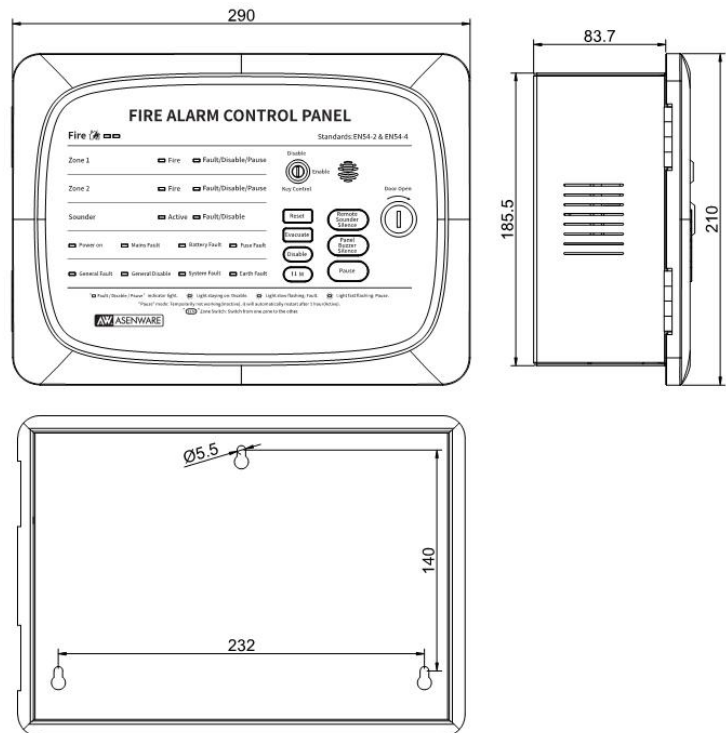
Walk test: indicators check



Features

- ✓ Surface mounting
- ✓ 220VAC and battery for power supply
- ✓ 2 wire communication for Zones
- ✓ LED indication and buzzer
- ✓ Access levels to enter the panel
- ✓ Sounder output for fire alarm
- ✓ Relay outputs for fire alarm and fault warning
- ✓ Disable for Zones and Sounders
- ✓ Pause for Zones that disable temporarily
- ✓ Meets the latest EN54-2 (TUV approved)

Installation



Technical Specification

Model	AW-CFP2166-2
Mains supply	220V-240VAC, 50/60 Hz
Resettable 24V output	18~28VDC(24VDC typical). 200mA max, current limited
Detectors connection allowed each Zone	20 (including MCPs)
Sounder output	Max 200mA@24VDC
Battery low-voltage protection	21V
Zone alarm current	8~20mA
Fire Relay Capacity	1A @30VDC maximum
Fault Relay Capacity	1A @30VDC maximum
EOL resistor for Zones	6.8K Ohm 1W
EOL resistor for Sounder outputs	6.8K Ohm 1W
Fuse for Power	1A/ 250V glass tube fuse slow blow 5 X 20mm
Environmental	Class A temperature range: -5 to 50°C (23~104°F) Humidity: 5 to 95% RH, non-condensing
Terminal blocks rating	All terminals rated for 12 to 18 AWG(0.75 to 2.5 mm ²)