Ampac

Fire detection and evacuation solutions that save lives.

ZoneSense Plus – Conventional Fire Control Panel

Features

- Available in 4 Zone or 8 Zone Panels
- Up to 32 Conventional Detectors per Zone
- Supports a Range of Add-on Modules
- Available in ABS and Metal cabinet versions
- Multi-level password access
- Complies with EN54-2 & 4

Description

The ZoneSense PLUS Fire Alarm Control Panel (FACP) is a versatile four or eight zone conventional panel that allows up to 32 conventional detectors per zone.

Available in ABS or Metal cabinets the ZoneSense PLUS has a user friendly navigation system incorporating a two line LCD that provides simple operation during an emergency while also enabling complex cause and effects programming.

Each zone can be programmed to function in one of the following modes:

- Normal (latching)
- Alarm Verification Facility (AVF)
- Non-latching
- Self Reset
- Dual selectable Agent Release

The standard ZoneSense PLUS FACP comprises of the following:

- A visual indication and control panel
- Two Relays with volt-free Alarm and Fault changeover contacts
- 4 or 8 zone terminations
- Four monitored conventional Alarm circuits
- Two monitored Open Collector Outputs
- Two monitored inputs
- Power supply monitoring
- RS485 communications port for connecting to Ampac's range of system expansion add-on modules

ZoneSense Plus ABS Cabinet

ZoneSense Plus Metal Cabinet

Fire detection and evacuation solutions that save lives.

ZoneSense Plus – Conventional Fire Control Panel

Item Numbers

2580-1100	4 Zone ABS (BX1)
2580-1200	8 Zone ABS (BX1)
2580-0100	4 Zone Metal (BX10)
2580-0200	8 Zone Metal (BX10)
2510-9001	Ancillary Cabinet ABS (BX1)

Add-On panel

4310-0040	Input Board (Fit max of 1)
4310-0050	Relay Board (panel) (Fit max of 1)
4310-0060	Sounder Board (Fit max of 1)
4310-0070	Brigade Interface Board (Fit max of 1)

Add-On External

4310-0037	LED Annunciator Mimic (LAM)
4310-0055	Relay Board (remote) (Fit max of 1)

Accessories

4210-0003	BX1 Recess Mounting Kit
ENC1851-A	Joiner for ABS multiple cabinets
ENC3016-A	Flush mount surround for metal (BX10) cabinet

Specifications

Power Supply

Mains Supply voltage	204 – 264 VAC @ 47 – 63Hz
Nom. Operating voltage	27 VDC
Power Supply Current	2 A (max)
Quiescent Current	40.5 mA (min)
Operating Temperature	-5° to +55° C
Relative Humidity	25% - 75% non condensing

Zone Detection Circuit

No of Zones	Four (4) or Eight (8) x 2-wire system
Zone Monitoring	Open and Short circuit
Zone Quiescent Current	4mA, 10uF EOL

No of Detectors/ Circuits	32 (max)
EOL Value	3K3Ω 4K7Ω, 6K8Ω, 10KΩ and 10uF (Optional)
Max Cable length	3km (based on cable resistive and capacitive values of 50Ω and 1uF respectively)

Inputs Available

MCP input	Non-Latching, switched –ve
Fault input	Non-Latching, switched –ve
Door Switch	Non-Latching, switched –ve

Outputs Available

Comms Output	RS485
EXT Bell Output	1A (max) 10KΩ EOL monitored
Warning Sys Output	1A (max) 10KΩ EOL monitored
ACF Output	1A (max) 10KΩ EOL monitored
ASE Output	1A (max) 10KΩ EOL monitored
Reset/Buzzer Output	Open Collector, 40mA 15sec pulse
Fire Alarm Output Relay	NO, C, NC Contact rating: 1A @ 30VDC
Fault Output Relay	NO, C, NC Contact rating: 1A @ 30VDC
Auxiliary DC Output	500mA @ 24VDC 10KΩ EOL monitored

Mechanical

Material: **ABS Cabinet (BX1)** **Metal Cabinet (BX10)**	ABS/Blend High Impact 1.2mm Mild Steel
Finish: **ABS Cabinet (BX1)** **Metal Cabinet (BX10)**	ABS Light Grey Metal Oyster Matt Ripple
Dimensions (mm)	300(H) x 360(W) x 100(D)
Packed	310(H) x 500(W) x 110(D)
Weight packed ex Batteries	ABS 3kg / Metal 5.2kg