

Fire detection and evacuation solutions that save lives.

# ZoneSense PLUS

## Conventional Fire Alarm Control Panel

### Features

- Available in 4 Zone or 8 Zone Panels.
- Up to 40 Conventional detectors per zone.
- RS485 port supports a range of Add-on modules.
- Available in ABS and Metal cabinet versions.
- Multi-level password access.
- Complies with AS 4428.

### Description

The ZoneSense PLUS Fire Alarm Control Panel (FACP) is a versatile four or eight zone conventional panel that allows up to 40 conventional detectors per zone.

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 change over 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

The ZoneSense PLUS is approved to AS4428.1. and is available in ABS or metal cabinets.



ZoneSense PLUS 8 Zone Metal Cabinet



ZoneSense PLUS 8 Zone ABS Cabinet

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### 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	40 (max)
Eon Of Line Value (EOL)	3K3Ω, 4K7Ω, 6K8Ω, 10KΩ and 10uF
Max Cable Length	3km

#### Inputs Available

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

#### Outputs Available

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

#### Mechanical

IP Rating	IP 30 (Metal)
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#### Material

ABS Cabinet (BX1)	ABS/Blend High Impact
Metal Cabinet (BX20)	1.2mm Mild Steel

#### Finish

ABS Cabinet (BX1)	ABS Light Grey
Metal Cabinet (BX20)	Metal Surfmist Ripple

#### Dimensions (mm)

ABS	300 H x 360 W x 100 D
Metal	505 H x 405 W x 150 D
Ancillaries	255 H x 405 W x 150 D
Weight packed ex Batteries	ABS 3kg / Metal 8.5kg

### Item Numbers

2550-1100	4 Zone ABS (BX1)
2550-1200	8 Zone ABS (BX1)
2550-2100	4 Zone ABS (BX1) with windows
2550-2200	8 Zone ABS (BX1) with windows
2553-0410	4 Zone SP1X
2553-0410-1100	4 Zone SP1X OWS25W
2553-0410-1200	4 Zone SP1X OWS50W
2553-0810	8 Zone SP1X
2553-0810-1100	8 Zone SP1X OWS25W
2553-0810-1200	8 Zone SP1X OWS50W

#### Add-On Panel

4310-0011	Agent Release Module (Fit max of 1)
4310-0020	Fire Fan Module (Fit max of 1)
4310-0030	Switch / Indicator Card (Fit max of 1)
4310-0032	General Indicator Card (Fit max of 1)
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

4310-0019	Local Control Station (IP40) (Fit max of 4)
4310-0022	Local Control Station (IP65) (Fit max of 4)
4310-0037	LED Annunciator Mimic (LAM)
4310-0055	Relay Board (remote) (Fit max of 1)

#### Accessories

4210-0003	BX1 Recess Mounting Kit
2510-9001	Ancillary Cabinet ABS (BX1)
ENC1851-A	Joiner for ABS multiple cabinets
4210-0040	Battery Cabinet SP1X/SP1M
4210-0042	Surround for metal cabinet
4210-0043	Surround for metal cab with batt box