

# advanced warning

## **ZoneSense PLUS™**

### **Fire Alarm Control Panel**

*ZoneSense PLUS is a configurable 4 or 8 zone Conventional Fire Alarm Control Panel*

The **ZoneSense PLUS** FACP comprises of a main printed circuit board and switch mode power supply.

The ZoneSense PLUS features include:

- ✓ Available in four (4) or eight (8) conventional zones
- ✓ Individual alarm zone and fault indicators
- ✓ A comprehensive range of panel add-ons
- ✓ Fully programmable via front panel
- ✓ Fault diagnostics and detailed system information via an LCD display
- ✓ Compatible with a range of End-Of-Line devices that include a capacitive and four (4) resistive versions
- ✓ On-board serial communication port for remote cards including LED Annunciator Master (LAM) and relays
- ✓ Available in metal, ABS or ABS with window



**World Leader of Innovative Solutions in Fire Detection and Alarm Systems**










## Highlighted Features

- ✓ Individual zone fire & fault indicators
- ✓ Programming via the front panel
- ✓ Displayable fault & zone configuration
- ✓ Programmable relay outputs
- ✓ Low quiescent current
- ✓ Multiple zoning for Agent Release
- ✓ Range of Zone EOL devices
- ✓ Controls with audible feedback
- ✓ Walk test facility
- ✓ Password or keyed operator access
- ✓ Separate battery cabinet available
- ✓ Can be flush or recessed mounted
- ✓ Complies with AS4428 parts 1&5

## Indicators

Power	Green	Alarm	Red
Power Fault	Amber	Fault	Amber
System Fault	Amber	Isolate	Amber
Earth Fault	Amber	External Bell Isolate	Amber
External Bell Fault	Amber	Warning System Isolate	Amber
Warning System Fault	Amber	Zone Alarm	Red
ASE Fault	Amber	Zone Fault/Isolate	Amber
ACF Fault/Isolate	Amber	LCD	8 x 2 lines
– Flash/Steady			

## Controls

DESCRIPTION	FUNCTION
 EXTERNAL BELL	Manually enables or disables the External Bell output
 WARNING SYSTEM	Manually enables or disables the Warning System output
	Acknowledge receipt of an alarm condition reported by the FACP
	Returns the panel to the normal state by clearing all alarm conditions
	Enables or disables post alarm action as a result of a zone in alarm
	Navigation keys
	Used to access FACP functions and confirm navigational selections
 ACF	Disables and enables output for the Ancillary Control facility
	Returns the user to the previous menu

## Mechanical Specifications

Material	ABS Cabinet	ABS/Blend High Impact
	Metal Cabinet	1.2 mm mild steel
Finish	ABS Cabinet	Light Grey
	Metal Cabinet	Oyster matt ripple
<b>Dimension (mm)</b>	<b>Height</b>	<b>Width</b> <b>Depth</b>
ABS cabinet	300	360    100
ABS ancillary cabinet	300	360    100
Metal Cabinet	500	405    145
Metal ancillary cabinet	250	405    145

## Technical Specifications

Mains Voltage	90 – 264 VAC @ 47-63Hz
Nominal Operating Voltage	27 VDC
Power Supply Current	2A
Quiescent Current	40.5 mA (minimum)
L.C.D.	8 by 2 lines– backlit
Alarm Outputs	Monitored Output – 4 x 500mA (max)
DC Output	Monitored Output – 500mA@24VDC
Alarm Output	Monitored Output – 25 mA (max)
Fault Output	Monitored Output – 25 mA (max)
Alarm Output Relay	Volt Free Changeover 1A@30VDC
Fault Output Relay	Volt Free Changeover 1A@30VDC
Reset (pulsed)	3sec. +24 to 0VDC @ 40mA
Comms Output	RS485
EOL Values:	Capacitive: 10µF
	Resistive: 3.3k (Standard fit), 4.7k, 6.8k or 10kΩ

## Item Numbers

Number	Description
2550-1100	4 Zone ABS
2550-1200	8 Zone ABS
2550-2100	4 Zone ABS with windows
2550-2200	8 Zone ABS with windows
2510-9001	Ancillary Cabinet (ABS)
2550-0100	4 Zone Metal with MCP
2550-0200	8 Zone Metal with MCP
2550-0120	4 Zone Metal with MCP + EV20
2550-0220	8 Zone Metal with MCP + EV20
2550-0140	4 Zone Metal with MCP + EV40
2550-0240	8 Zone Metal with MCP + EV40
2550-0150	4 Zone Metal with MCP + Agent Release
2550-0250	8 Zone Metal with MCP + Agent Release
2550-0300	4 Zone Metal with MCP and ASE
2550-0400	8 Zone Metal with MCP and ASE
8510-9001	Ancillary Cabinet (metal)
ENC1793-A	Surround for metal cabinet
ENC1797-A	Surround for metal cab with batt box

### Panel Add-ons

4310-0010	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)
2500-0020	EV20 20Watt EWS including controller
2500-0030	EV40 40Watt EWS including controller

### Panel Add-ons – Remote

4310-0014	Local Control Station IP40 (Fit max of 4)
4310-0015	Local Control Station IP65 (Fit max of 4)
4310-0036	LED Annunciator (LAM)
4310-0055	Relay Board (Fit max of 1)



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Due to Ampac's commitment to continuous improvement specifications provided may change without notice

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