



# advanced warning

**ZoneSense™**

**Fire Alarm Control Panel**

**ZoneSense** is a 2, 4 or 8 zone Conventional Fire Alarm Control Panel and is available in an ABS or metal enclosure.

The control and indication board provides:

- ✓ Visual indications and controls
- ✓ Volt-free changeover contacts (remote & fault)
- ✓ Termination for detection zones
- ✓ Monitored two (2) or four (4) alarms outputs
- ✓ Class Change and Alert inputs
- ✓ On board power supply
- ✓ Reset, fault, ancillary and remote outputs
- ✓ RS485 communications port for add on modules
- ✓ Auxiliary 27VDC output



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

## Highlighted Features

- ✓ Individual zone fire and fault indicators
- ✓ Zones monitored for O/C, S/C & EOL
- ✓ Supports self learn for panel add-ons
- ✓ Programmable delays to outputs
- ✓ Low quiescent current
- ✓ Detector head removal facility
- ✓ Single PCB architecture
- ✓ Audible feedback controls
- ✓ Walk test facility
- ✓ Password or keyed operator access
- ✓ Separate battery cabinet available
- ✓ Can be flush or recessed mounted
- ✓ Available in an ABS or metal enclosure
- ✓ Complies with EN54 parts 2 & 4

## Indicators

Power	Green	Remote Output On	Red
Power Fault	Yellow	Delay Active	Yellow
System Fault	Yellow	Alarms Status	Yellow
Controls Enabled	Yellow	Fire	Red
Auxiliary Power Fault	Yellow	Fault	Yellow
Remote Output Disabled	Yellow	Disabled	Yellow
Fault Output Disabled	Yellow	Individual Zone Fire	Red
Ancillary Output Disabled	Yellow	Individual Zone Fault/ Test	Yellow

## Controls

**OVERRIDE**

Manually overrides programmed delays to outputs

**SILENCE RESOUND**

Turns on & off "Alarms Outputs" after a Fire condition is initiated

**SILENCE BUZZER**

Silences FACP buzzer on receipt of Fire or Fault condition

**RESET**

Returns the panel to the normal state

**EVACUATE**

Turns on all Alarms outputs

**0 NEXT**

Used to enter password (0) and select a zone or output for disable or test

**1 LAMP TEST**

Used to enter password (1) and initiate a lamp or walk test

**2 DISABLE/ENABLE**

Used to enter password (2) and disable or enable a selected zone or output

**3 EXIT**

Used to enter password (3) or exit back to access level 1

**CONTROLS ENABLED**

Controls enabled access level 2 (optional Keyswitch)

Cabinet Type	Metal	ABS
Material	Mild Steel 1.2mm	High Impact ABS
Finish	Oyster Grey	Light Grey
Weight (ex batteries)	4kg packed	3kg packed

### Dimensions (mm)

Surface	Height	295	300
	Width	356	360
	Depth	92	100
Recess	Height	295	300
(Semi flush mtd)	Width	356	360
	Recess depth	75	80
Packed	Height	115	115
	Width	600	600
	Depth	315	315

Mains Voltage	204-264 VAC @ 47-63Hz		
Nominal Operating Voltage	27 VDC		
Power Supply Current	<b>2 Zone</b>	<b>4 Zone</b>	<b>8 Zone</b>
	1A	1A	1.6A
Quiescent Current	20mA	20mA	21mA
Alarms Outputs (monitored)	2 of @ 250mA	2 of @ 250mA	4 of @ 250mA
Auxiliary DC Output	150mA@24VDC		
Remote Output Relay	Volt Free Changeover 1A@30VDC		
Fault Output Relay	Volt Free Changeover 1A@30VDC		
Remote Output	Open Collector 40mA		
Fault Output	Open Collector 40mA		
Auxiliary	Open Collector 40mA		
Reset	15sec +24 to 0VDC 40mA		
Comms Output	RS485 (4 & 8 zone only)		
Class Change Input	0VDC Closing Contact		
Alert Input	0VDC Closing Contact		
Delays	DIP switch array		
End-Of-Line Values	Zones	Capacitive 10µF	
	Alarms	Resistive 10kΩ	

## Item Numbers

Number	Description
2280-0100	2 Zone metal excludes batteries
2280-0200	4 Zone metal excludes batteries
2280-0300	8 Zone metal excludes batteries
2280-1100	2 Zone ABS excludes batteries
2280-1200	4 Zone ABS excludes batteries
2280-1300	8 Zone ABS excludes batteries
ENC3016-A	Surround for metal cabinet

### Panel Add-ons

4310-0050 Relay Board (Fit max of 1)

### Panel Add-ons - Remote use

4310-0037 LED Annunciator Master (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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