

FireFinder Plus AS7240 & AS4428.3 – Intelligent Analogue Addressable Fire Control Panel

Features

- Fully Expandable 1 to 8 Loop Fire Alarm Control Panels
- Large Graphic Display
- 500mA Loop Current
- 4 Programmable Monitored Inputs
- 4 Programmable Monitored Sounder Outputs
- 5 Programmable Relays
- 2 Auxiliary Power Outputs
- Networkable
- Supports High Level Graphics Interface
- Supports a Larger Range of Panel Add-ons
- Rack Mount options available
- AS7240-2, AS7240-4 and AS4428-3:2010 compliant

Description

Designed to meet the requirements of AS7240.2, AS7240.4 and AS4428.3:2010 the **FireFinder Plus** is an Intelligent Analogue Addressable Fire Alarm Control Panel that is available in 1 to 8 Loop panel options.

The **FireFinder Plus** is suitable for medium to large sized fire detection systems and is compatible with Apollo XP95 and Discovery detectors.

Powerful and flexible programming is achieved via AMPAC's configuration tool **ConfigManager Plus** which includes many pre-engineered programming functions. Simple system programming is easily achieved via the front panel.

FireFinder Plus is configurable as a peer to peer network allowing up to 250 Loops to be configured.

FireFinder Plus supports a large range of optional Panel Add-ons:

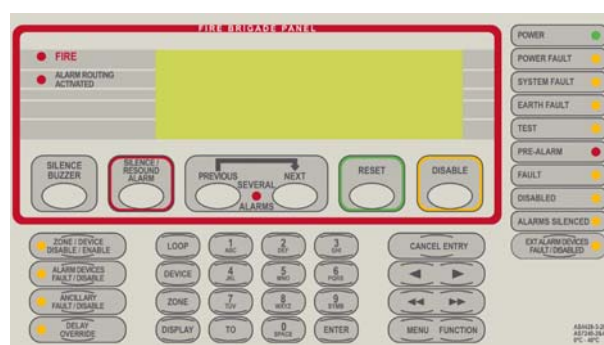
- Fire Fan Control Module
- Agent Release Module
- 8-way Switch and Indicator Module
- 32 Zone Alarm Indicator Module
- Zone Disable and Indicator Module
- 16-way Input Board
- 8-way Relay Board
- 8-way Sounder Board
- 8 Zone Conventional Board
- Front panel mounted printer
- *SmartTerminal* (LCD Repeater)



FireFinder Plus SP1X Control Panel

The **FireFinder Plus** is available in three standard cabinet options and three rack cabinet sizes.

- SP1X – includes a locked glazed outer door and can accommodate up to 4 loops, 2 Add-on modules and 2 Add-on termination boards.
- SP8X – has a locked glazed outer door and accommodates up to 8 loops, 6 Add-on modules and 4 Add-on termination boards
- SP16X – comes with a locked glazed outer door and accommodates up to 16 loops (2 networked nodes), 10 Add-on modules and 10 Add-on termination boards
- Rack Cabinet options include 10U, 16U and 29U.



FireFinder Plus Controls and Indicators

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Item Numbers

Panels

8651-0110	FireFinder Plus 1Loop 5A SP1X
8651-0110-1100	FireFinder Plus 1Loop OWS25 5A SP1
8651-0110-1200	FireFinder Plus 1Loop OWS50 5A SP1
8651-0113	FireFinder Plus 1Loop 5A SP8X
8651-0513	FireFinder Plus 5Loop 5A SP8X

Panel Extras

4210-0042	SP1X/M Cabinet Flush Surround
4210-0044	SP8X Cabinet Flush Surround
4210-0040	SP1X/M Batter Cabinet
4210-0041	SP8X Battery Cabinet

Panel Add-ons (Refer to individual Datasheets for specifications)

8610-0001	Slave CPU Board (Loop Activation)
8610-0002	Dual Loop Termination Board
4210-0006	2 Wire Network Interface Board
4310-0021	Fire Fan Module
4310-0071	Fire Fan Module (Loop Driven)
4310-0030	8-way Switch and Indicator Module
4310-0040	16-way Input Board
4310-0050	8-way Relay Board
4310-0060	8-way Sounder Board
4310-0080	HLI Expander Board
4310-0082	8 Zone Conventional Board
4310-0011	Agent Release Module
4310-0086	32Z Alarm Indicator Module
4310-0087	Zone Disable & Indicator Module
159-0110	Printer

Repeater Panels (Refer to individual Datasheets for specifications)

4350-0004	SmartTerminal ABS
4350-0005	SmartTerminal inc PSU ABS
4350-0006	SmartTerminal Slimline ABS

Note – Other Panel options and accessories available. Contact your local Ampac Customer Service Office for details

Specifications

	Cabinet SP1X	Cabinet SP8X/SP16X
Power Supply	5A PSU version*	5A PSU version / 22A PSU Version
Input Voltage	195 - 264VAC	195 - 264VAC
Protection	2Amp 3AG	2Amp 3AG (5A PSU) / 5Amp 3AG (22A PSU)
Output Current	5.6Amps	5.6Amps / 22Amp
Charger Current	1.25A	1.25A / 3A
Power Supply Output Voltage:	27.5VDC +/- 0.1VDC	
Power Supply Ripple Voltage:	200mV	
Power Supply Fault - Volts High (room temperature) Volts Low	28VDC / 26.5VDC	
Charger Output Voltage:	27.5 +/- 0.1VDC	
Battery Type:	2 x 12V Sealed Lead Acid	
Maximum Battery Capacity:	18Ahr (SP1X), 40Ahr (SP8X)	
Discharge Cut-off voltage:	21VDC	
Panel Quiescent Current		
1 Loop	220mA	
Additional Loops (even)	+40mA for each Loop	
Additional Loops (odd)	+75mA for each Loop	
Loop Capacity	500mA max per Loop	
Max No of Devices per Loop	126	
Cabling Requirements	2 core 1.5 to 2.5mm ²	
Fault supervision	O/C, S/C, Over current	
Number of Zones	999	
Devices Per Zone	32 Max	
Outputs: (Programmable)	4 x 24VDC @ 500mA Max, 10K EOL	
Relay outputs (Programmable)	5 x Voltage Free - 24VDC@1A	
Auxiliary Power Outputs	2 x 24VDC @ 500mA	
Inputs (Programmable)	4 x O/C, S/C, 10K EOL	
Comms External to FACP	RS485	
Comms Printer port	RS232 or Parallel	
Comms PC Interface	RS232 or USB 2.0	
Temperature	-5°C to + 40°C	
Humidity	0% to 95% (non-condensing)	
Mechanical		
Material	1.2mm Mild Steel	
Colour/Finish	Surf Mist Ripple (Dulux)	
Dimensions (mm)		
SP1X	500H x 405W x 150D	
SP8X	845H x 518.5W x 173D	
SP16X	1200H x 625X x 240D	
IP Rating	IP30 (Indoor Use Only)	



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