

FireFinder AS4428 – An Addressable Fire Alarm Control Panel

Features

- Supports both Addressable Loops and Conventional Zones
- Peer to Peer Networking up to 99 Nodes
- Clear Backlit 40 Character 8 Line LCD display
- Self Auto Learn Capabilities
- High Level and Graphical Interface Capabilities
- Event Logs
- Remote Mimics and Repeaters
- Large Range of Cabinet Sizes
- Approved to AS4428.1 and AS4428.5

Description

FireFinder is an Intelligent Analogue Addressable and/or Conventional Fire Alarm Control Panel.

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

Programming the **FireFinder** is easily achieved via the front control panel or by using AMPAC's configuration software **Configmanager** which includes a large number of dedicated programming functions to make installation and commissioning simple.

FireFinder supports a large range of internal and external optional Panel Add-ons.

Internal Panel Add-ons:

- 32 Zone Alarm Mimic Card
- 8 Way Switch and Indicator
- Input Board
- Relay Board
- Sounder Board
- Fire Fan Control and Termination Board
- Agent Release and Termination Board
- Front panel mounted printer

External Panel Add-ons:

- *SmartTerminal*
- 8 Way Relay board
- Agent local Control Station



FireFinder SP1X

Occupant Warning Systems

A range of Occupant Warning Systems (OWS) are available for use with the **FireFinder** FACP.

The **FireFinder** is available in six cabinet options:

- SP1X – includes a locked glazed outer door and accommodates up to 4 loops and 2 Add-on Modules
- SP8X – has a locked glazed outer door and accommodates up to 8 loops and 6 Add-on modules.
- SP16X – comes with a locked glazed outer door and accommodates up to 16 loops and 8 Add-on modules.
- 10U, 16U and 29U rack cabinets - which are for larger systems, or for combo systems where a **FireFinder** and **EV3000** Early Warning System are combined into the one cabinet. (See PDS105-0001)

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Item Numbers

8550-1100	SP1X 1 Loop
8550-1101	SP1X 1 Loop with Agent
8550-1150	SP1X 16 Zone
8550-1151	SP1X 16 Zone with Agent
8550-4100	SP8X 1 Loop 5.6A
8550-5100	SP16X 1 Loop 5.6A
8550-6100	10U 1 Loop 5.6A
8550-6200	16U 1 Loop 5.6A
8550-6300	29U 1 Loop 5.6A

Accessories

8510-9003	SP1X Ancillary Cabinet
8510-9010	SP8X Ancillary Cabinet
ENC1798-F	SP1X Surround
158-0033	SP8X Surround
ENC2844-F	SP16X Surround
ENC1797-F	SP1X+Ancillary Cabinet Surround
158-0027	SP8X+Ancillary Cabinet Surround

Please refer to your local Customer Service Office (CSO) for further build variations

Specifications

Input Voltage	85 to 264Vac (47-63Hz)
Output Voltage	27Vdc
Output Current	2A, 5.6A or 18A
Quiescent Current	240mA (min 1 Loop no load)
Battery Type	2 x 12V SLA batteries
Devices per Loop	126
Loop Current	250mA
Devices per Zone (Conventional)	40
Conventional Zone EOL	3K3
Cable (Loop and Zone)	2 core 1.5 to 2.5mm ²
Outputs	
Bell 1	2 Amp Fused
Bell 2	2 Amp Fused
Plant Monitored	1 Amp Fused, 10K EOL

Specifications cont.

Plant Un-Monitored	1 Amp voltage free contact	
Warn Sys Monitored	1 Amp Fused, 10K EOL	
Warn Sys Un-Monitored	1 Amp voltage free contact	
Fault Monitored	1 Amp Fused, 10K EOL	
Fault Un-Monitored	1 Amp voltage free contact	
Isolate	1 Amp voltage free contact	
Alarm	1 Amp voltage free contact	
Valve Monitor	1 Amp voltage free contact	
Batt Fail (normally energised)	1 Amp voltage free contact	
Battery Output	Protected	
Aux Power Output 1	1 Amp Fused	
Aux Power Output 1 – EV40 use	3 Amp Fused	
Aux Power Output 2	1 Amp Fused	
Input		
DBA/MCP	Monitored 10K EOL	
Environment		
Temperature	-5°C to + 55°C	
Humidity	25% to 75% (non-condensing)	
IP Rating	IP51	
Mechanical		
Finish	Arch White powder coat	
Cabinet	Material	Dimension (mm)
SP1X	1.2mm steel	500H x 405W x 145D
SP8X	1.2mm steel	840H x 515W x 170D
SP16X	1.6mm steel	1200H x 625W x 240D
10U	1.6mm steel	700H x 625W x 240D
16U	2.0mm steel	1200H x 700W x 375D
28U	2.0mm steel	1800H x 700W x 375D
SP1 Anc Cab	1.2mm steel	250H x 405W x 145D
SP8 Anc Cab	1.2mm steel	418H x 515W x 170D



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IN FIRE DETECTION AND ALARM SYSTEMS

