![Ampac logo]

Fire detection and evacuation solutions that save lives.

FireFinder AS4428

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)

FireFinder AS4428

Fire detection and evacuation solutions that save lives.

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 2.5mm²

Outputs

Bell 1	2 Amp Fused
Bell 2	2 Amp Fused
Plant Monitored	1 Amp Fused, 10K EOL
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

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

A **Halma** company