

FireFinder EN54 – 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
- Complies with EN54-2 and 4

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 Series65 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/Bell Board
- Fire Fan Control and Termination Board
- Front panel mounted printer

External Panel Add-ons:

- *SmartTerminal*
- 8 Way Relay board



FireFinder SP1M Cabinet

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

- SP1M – includes 32 Zone Indicators, 5.6A PSU and accommodates up to 4 loops (8 with battery cabinet).
- SP1X – includes a locked glazed outer door, 5.6A PSU and accommodates up to 4 loops and 2 Add-on Modules.
- SP8 – has a locked glazed outer door, 64Zone indicators, 5.6Amp PSU and accommodates up to 8 loops and 4 Add-on modules.
- SP16 – comes with a locked glazed outer door, 64 Zone Indicators, 18Amp PSU and accommodates up to 16 loops and 8 Add-on modules.
- 10U, 16U and 29U rack cabinets - which are for larger systems,



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Item Numbers

8580-1200	SP1M 1 Loop Panel 32 Zone 5.6 AMP PSU
8580-1250	SP1M 16 Zone Panel 5.6 AMP PSU
8580-1100	SP1X 1 Loop Panel 32 Zone 5.6AMP PSU
8580-1150	SP1X 16 Zone Panel 5.6 AMP PSU
8580-1700	SP8 1 Loop Panel 64 Zones 5.6AMP PSU
8580-9809	SP16 9 Loop Panel 64 Zones 18 AMP PSU

Accessories

8510-9003	SP1M/SP1X Ancillary Cabinet
8510-9010	SP8X Ancillary Cabinet
ENC1799-F	SP1M Flush Surround
ENC1798-F	SP1X Flush Surround
158-0033	SP8X Flush 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	500mA
Devices per Zone (Conventional)	32
Conventional Zone EOL	3K3
Cable (Loop and Zone)	2 core 1.5 to 2.5mm ²
Outputs	
Sounder 1	2 Amp Fused
Sounder 2	2 Amp Fused
Aux Monitored	1 Amp Fused, 10K EOL

Specifications cont.

Aux Un-Monitored	1 Amp voltage free contact
FARE Monitored	1 Amp Fused, 10K EOL
FARE 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
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Environment

Temperature	-5°C to + 55°C
Humidity	25% to 75% (non-condensing)
IP Rating	IP51

Mechanical

Finish	Arch White powder coat
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Cabinet	Material	Dimension (mm)
SP1M	1.2mm steel	500H x 405W x 145D
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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