Ampac

Fire detection and evacuation solutions that save lives.

FireFinder^{PLUS} CP10

Features

- Fully Expandable 1 to 8 Loop Fire Alarm Control Panel
- Large Graphic (240 x 64 pixel) Display
- 500mA Loop Current
- 4 Programmable Monitored Inputs
- 4 Programmable Monitored Sounder Outputs
- 5 Programmable Relays
- 2 Auxiliary Power Outputs
- Programmable via front panel
- Networkable
- Supports High Level Graphics Interface
- Supports a Range of Panel Add-ons
- Rack Mount options available
- CP10:2005, EN54-2 and EN54-4 compliant

Description

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 up to 99 panels/nodes with a maximum of 250 Loops.

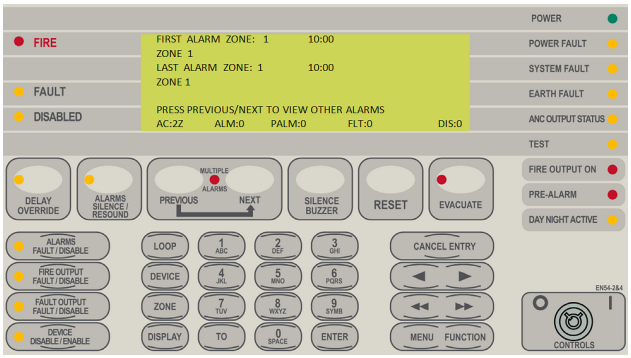
FireFinder^{PLUS} supports a large range of internal and external optional Panel Add-ons.

- Fire Fan Control 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} standard cabinet accommodates the following:

- a locked glazed outer door
- 1 to 4 loops
- up to 64 Zone indicators or
- two Add-on modules plus
- two Add-on termination boards



FireFinder Plus Controls and Indicators

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FireFinder^{PLUS} CP10

Specifications

Power Supply	5A PSU version
Input Voltage	195 - 264VAC
Protection	2Amp 3AG
Output Current	5.6Amps
Charger Current	1.25A
Power Supply Output Voltage: **Power Supply Ripple Voltage:** **Power Supply Fault - Volts High** **(room temperature) Volts Low**	27.5VDC +/- 0.1VDC 200mV 28VDC 26.5VDC
Charger Output Voltage: **Battery Type:** **Maximum Battery Capacity:** **Discharge Cut-off voltage:**	27.5 +/- 0.1VDC 2 x 12V Sealed Lead Acid 26Ahr 21VDC
Panel Quiescent Current 1 Loop Additional Loops (even) Additional Loops (odd)	 220mA +40mA for each Loop +75mA for each Loop
Loop Capacity **Max No of Devices per Loop** **Cabling Requirements** **Fault supervision**	500mA max per Loop 126 2 core 1.5 to 2.5mm² O/C, S/C, Over current
Number of Zones	1999
Devices Per Zone	32 Max
Outputs: (Programmable) **Relay outputs (Programmable)** **Auxiliary Power Outputs**	4 x 24VDC @ 1 Max, 10K EOL 5 x Voltage Free - 24VDC@1A 2 x 24VDC @ 500mA
Inputs (Programmable)	4 x O/C, S/C, 10K EOL
Comms External to FACP **Comms Printer port** **Comms PC Interface**	RS485 RS232 or Parallel RS232 or USB 2.0
Temperature	-5°C to + 40°C
Humidity	25% to 95% (non-condensing)

Mechanical

Material	1.2mm Mild Steel
Colour/Finish	Signal Red
Dimensions (mm) SP1X	500H x 405W x 150D
IP Rating	IP30 (Indoor Use Only)

Item Numbers

Panels	
8665-0110	FireFinder Plus 1 Loop 5A SP1X
Panel Add-ons	
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
4310-0030	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
4310-0086	32Z Alarm Indicator Module (SPX range)
4310-0087	Zone Disable & Indicator Module
Repeater Panels	
4380-0001	SmartTerminal ABS
4380-0002	SmartTerminal inc PSU ABS
4380-0003	SmartTerminal Slimline ABS

Note – Other Panel option and accessories available. Contact the Ampac Office for details