



Analogue Addressable Fire Alarm Panels

HEAD OFFICE

Wellington

PO Box 35-063, Naenae
Lower Hutt 5041
17 Eastern Hutt Rd
Wingate
Lower Hutt 5019

Tel (04) 567 - 3229
Fax (04) 567 - 3644

www.pertronic.co.nz

sales@pertronic.co.nz
tech@pertronic.co.nz



ISO 9001: 2008

International Standards
Certifications
QAC/R64/0012

JSE SERVICES S/B

Penang: No. 9,
Lorong Nagasari 2,
Taman Nagasari,
13600 Perai, Penang

Tel 604-397 0378
Fax 604-398 7162

sales@jseservices.info

Kuala Lumpur: 340-1,
Jalan Midah Besar,
Taman Midah,
56000 Kuala Lumpur

Tel 603-9173 6660/
603-9173 6661/
603-9173 6669
Fax 603-9173 9998

saleskl@jseservices.info

F120A Analogue Addressable Control Panel

The Pertronic Industries F120A is an analogue addressable automatic fire alarm system designed for small to medium sized building applications having up to 3180 addressable smoke and heat detectors (159 per loop) plus up to 1980 monitor or control devices (99 per loop). The F120A is expandable from 2 to 20 loops.

The F120A complies with Australian Standard 4428.1 1998 including Amendment 1, 2005.

Panel Features:

- Precise identification of fire location
- User definable text descriptor per point and zone
- Four line by 40 characters LCD display with backlighting
- Colour coded aesthetically styled user interface
- Automatic 24-Hr system test of charger, batteries and detectors
- Two independent analogue loops as standard, expandable to 20
- User isolation of zones and individual detectors
- 2000 event History log
- Extremely powerful programming functions
- Configuration data may be entered through the front panel or via a PC.
- Networkable for larger systems (≥v3.12)
- ActivFire Listing : afp-1663

Detection Circuit Features:

- 2 to 20 loops in two loop increments
- Automatic Pre-Alarm warning
- Multiple configurable action levels per detector
- Individual detector dual sensitivity for Day / Night operation
- Alarm Verification option for reduced false alarms
- 255 individual zones available
- Grouping capability for control events
- Isolation by individual point or zone
- AutoLearn function for fast installation
- Loop input devices include detectors, call-points, loop responders and modules
- Input and Output modules individually configurable for various functions such as Sprinkler, Door holder, Waterflow, ACF etc.
- Comprehensive analogue addressable device range including specialist applications

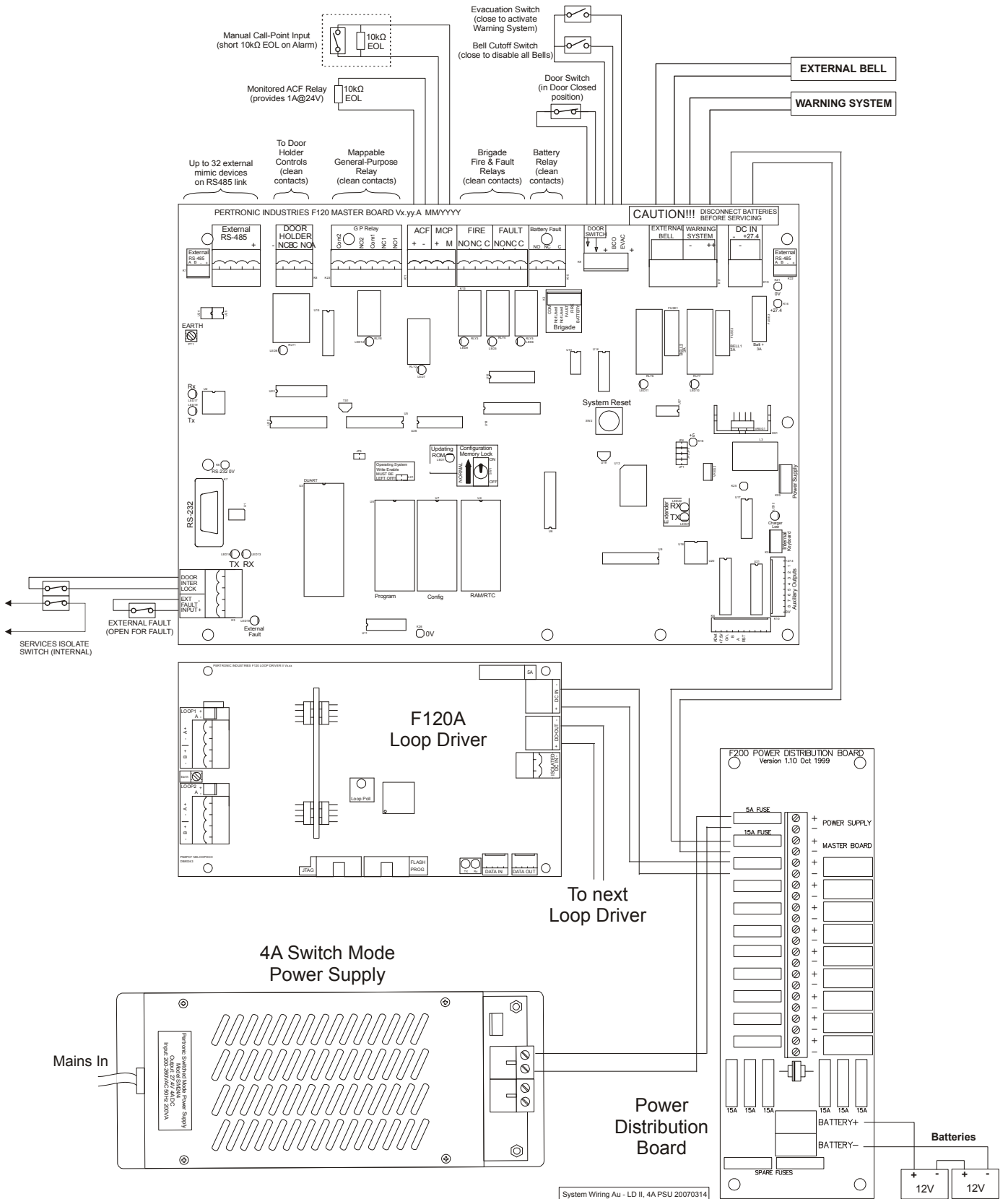
Specifications:

• Loops:	2 to 20	
• Detectors:	159 per loop	
• Input / Output Modules:	99 per loop	
• Zones:	256	
• Groups:	200	
• AS1668 Fans:	300	
• Power Supply Units:	4A or 12A	
• Standard relays:	Fire, Fault, Battery, Gen. Purpose - 1.25A@24VDC	
• Door Holder relay:	Rated 5A@24VDC	
• Standard monitored outputs:	Warning System and External Bell - 5A@24VDC	
• ACF monitored output:	Rated 1.25A@24VDC	
• Dedicated Isolate controls:	Warning System, External Bell, ACF, Door Holder	
• Dimensions (16U 19" cabinet):	550 x 800 x 185	W x H x Dmm
• Dimensions (28U 19" shallow rack):	575 x 1330 x 278	W x H x Dmm
• Dimensions (28U 19" rack):	575 x 1330 x 380	W x H x Dmm
• Dimensions (40U 19" rack):	575 x 1865 x 380	W x H x Dmm
• Cabinet Colour:	RAL9001 (BS4800:10B15)	



F120A Control Panel

F120A Internal Layout



PERTRONIC INDUSTRIES LTD

Wellington
 17 Eastern Hutt Road
 Wingate
 Lower Hutt 5019
 Phone (64 4) 567 3229
 Fax: (64 4) 567 3644
 sales@pertronic.co.nz

Auckland
 359 Onehunga Mall
 Onehunga
 Auckland 1061
 Phone: (64 9) 633 0226
 Fax: (64 9) 633 0228
 sales@pertronic.co.nz



JSE SERVICES SDN. BHD.

Kuala Lumpur
 340-1 Jalan Midah Besar
 Taman Midah
 56000 Cheras
 Phone: (60 3) 9173 6660 / 1 / 9
 Fax: (60 3) 9173 9998
 saleskl@jseservices.info

Prai
 9 Lorong Nagasari 2
 Taman Nagasari
 13600 Prai
 Phone: (60 4) 397 0378 / 398 3549
 Fax: (60 4) 398 7162
 sales@jseservices.info