

## 4 Zone Conventional System

### • Melbourne

Unit B2  
2A Westall Rd  
Springvale  
VIC 3171  
Tel (03) 9562 7577  
Fax (03) 9562 8044  
sales.vic@pertronic.com.au

### • Sydney

Unit 19  
287 Victoria Rd  
Rydalmere  
NSW 2116  
Tel (02) 9638 7655  
Fax (02) 9638 7688  
sales.nsw@pertronic.com.au

### • Brisbane

Unit 3  
23 Anthony St  
West End  
QLD 4101  
Tel (07) 3255 2222  
Fax (07) 3255 1122  
sales.qld@pertronic.com.au

### • Adelaide














65 Manton St  
Hindmarsh  
SA 5007  
Tel (08) 8340 9533  
Fax (08) 8340 9544  
sales.sa@pertronic.com.au

www.pertronic.com.au














The Pertronic Industries Pertronic F4 is a conventional automatic fire alarm system designed for small sized building applications having up to 4 zones of smoke and heat detectors, manual callpoints and approved dry contacts.

The F4 meets the primary functional requirements of Australian Standard 4428.1 1998 but is not approved for brigade connection.

### Panel Features:

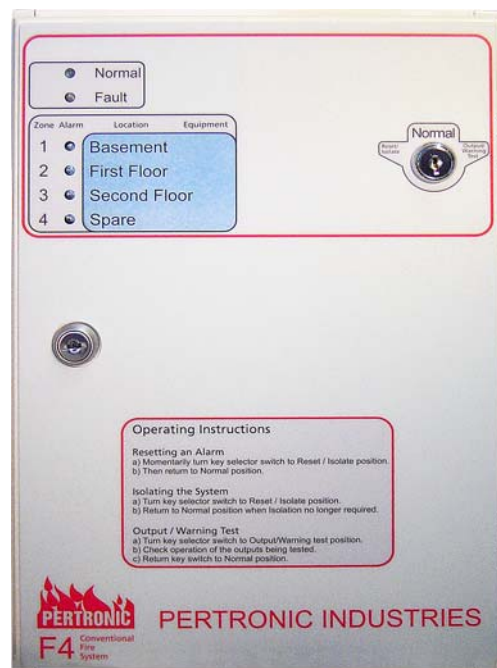
-  Flexible microprocessor based technology
-  Slide-in zone description label
-  003 keyswitch and door lock
-  Automatic 24hr System Test function including battery load check
-  Earth leakage detection
-  Optional Common Fire and Fault relay outputs with Isolate switch
-  Single ACF monitored output
-  Alarm verification function for smoke and heat detectors
-  Front panel Output Isolate, Reset and Activate Outputs by keyswitch
-  Up to 40 System Sensor smoke or heat detectors capacity per zone
-  Non latching option for zone 4
-  Monitored Door switch
-  Door Interlock function
-  Capacity for up to 2 x 20W 100V amplifiers

### Specifications:

- |   |  |
|---|--|
|  Detector capacity:          | 40 per zone (System Sensor detectors)  |
|  Zone capacity:              | 4  |
|  Zone cable resistance:      | Max 100Ω total per zone (50Ω per leg)  |
|  Standard monitored output:  | ACF/Bell, rated at 12Vdc 5A  |
|  End of Line terminations:   | 10kΩ for all monitored circuits  |
|  Dedicated Isolate controls: | Output, via keyswitch  |
|  Power Supply:               | 200-250VAC. 50/60Hz, 5W – 12V 500mA  |
|  Battery charger:            | 13.7V, 375mA temperature compensated   |
|  Quiescent current:          | Normal – 26mA plus detector load<br>Mains off – 30mA plus detector load<br>Alarm – 135mA plus bell load<br>Auxiliary relay board – 2mA |
|  Environmental:              | -5°C to 45°C<br>0-95% relative humidity, non-condensing  |
|  Dimensions:                 | 245(w) x 350(h) x 80(d)  |
|  Battery Capacity :          | 12V 7.2AH  |
|  Cabinet Colour:             | RAL9001 (BS4800:10B15)   |

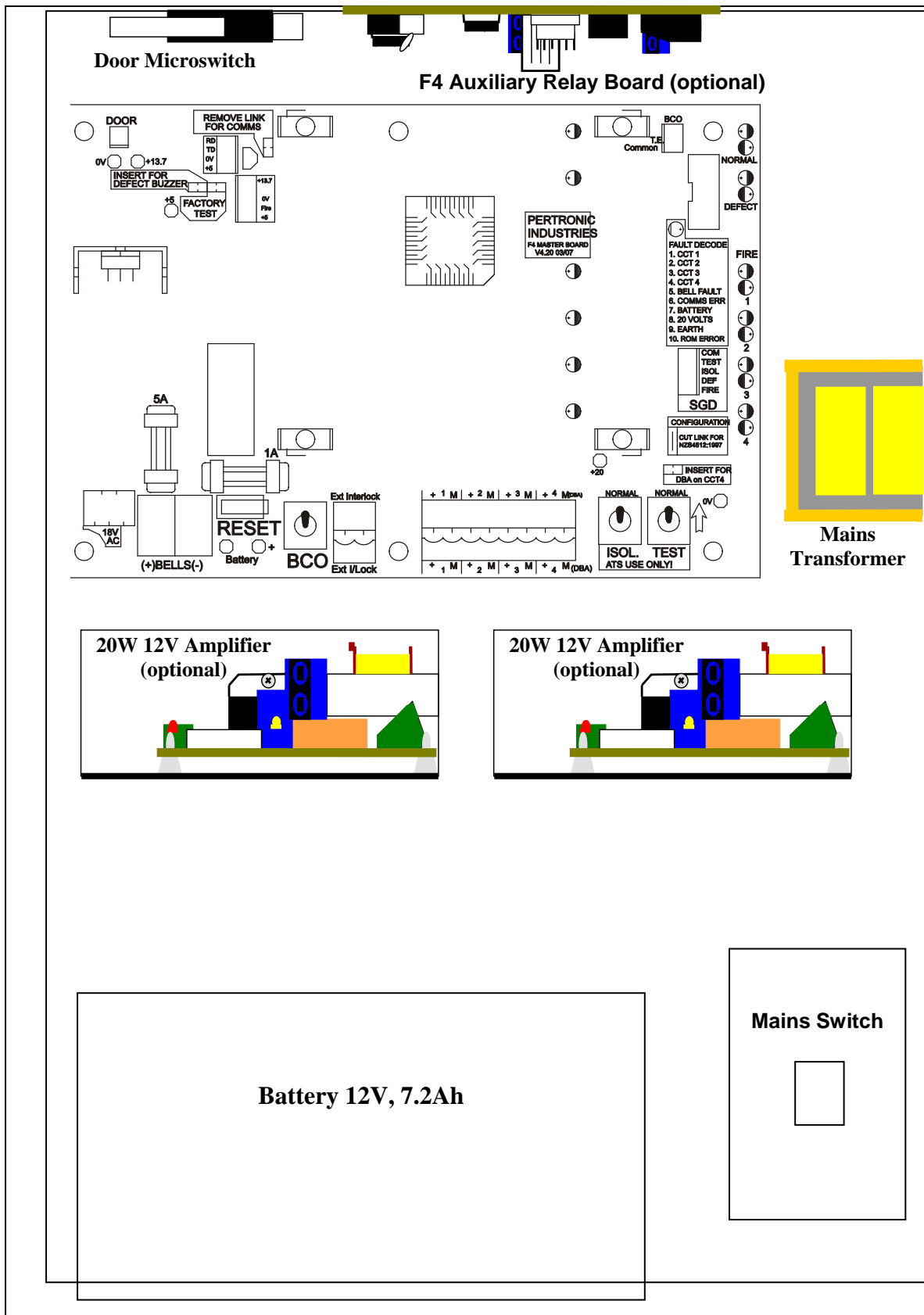
### Ordering Information:

Description	Part Number
F4 4 Zone Conventional Panel	F4AUS
F4 Auxiliary Relay Board	F4AUXRLYV2
Evac Amplifier 20W 12V	EVAC20W12V



F4 Control Panel

## F4 Internal Layout



### PERTRONIC INDUSTRIES PTY LTD

#### Melbourne

Unit B2  
2A Westall Rd  
Springvale VIC 3171  
Telephone: (03) 9562 7577  
Fax: (03) 9562 8044  
sales.vic@pertronic.com.au

#### Sydney

Unit 19  
287 Victoria Rd  
Rydalmere NSW 2116  
Telephone: (02) 9638 7655  
Fax: (02) 9638 7688  
sales.nsw@pertronic.com.au

#### Brisbane

Unit 3  
23 Anthony Street  
West End Qld 4101  
Telephone: (07) 3255 2222  
Fax: (07) 3255 1122  
sales.qld@pertronic.com.au

#### Adelaide

Unit 3  
65 Manton Street  
Hindmarsh 5007  
Telephone: (08) 8340 9533  
Fax: (08) 8340 9544  
sales.sa@pertronic.com.au