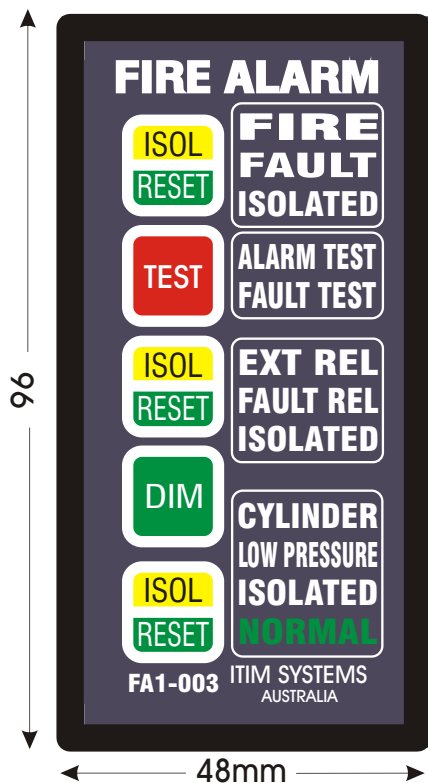


FA1 FIRE ALARM CONTROL MODULE

This compact, flush mount fire alarm control module provides central monitoring, control & alarm for your engine room fire protection system. It is intended for use with a manual (pull wire) release fire extinguisher. In addition to monitoring one circuit of heat and/or smoke detectors it also monitors the switch fitted to the door of the extinguisher pull wire release and provides common fire alarm output plus zone alarm outputs for each. In addition it monitors the extinguisher low pressure, pressure switch and provides separate fault warning if low pressure is detected. It includes three individual alarm isolate/reset switches, a test switch and a normal display dim.



The compact sealed FA1 Fire Alarm Control Module has a dash footprint of 48 x 96 mm, is flush mount, 125mm deep. Dash cut out 44x92mm.

The Full System Status Display is back illuminated by LED lightbars for instant status recognition.

The five sealed touch switches provide reliable control even in dirty, dusty or wet environments.

The red common Test switch starts a testing sequence which simulates fault 1&2, isolated, normal, alarm 1, alarm 2, alarm 1&2, and dim conditions at the detector inputs to fully test all audible and visual alarms, fault monitoring circuits and remote alarm outputs. Press test switch again to stop testing. In operation, test the system on a regular basis.

The green Dim switch dims the Green Normal status display for night time use. Alarm and Fault status displays are unaffected by the Dim switch.

On detection of a Fire condition, (operation of a fire detector or opening the extinguisher pull wire release) that zone's Red **FIRE** indication flashes, accompanied by the local audible Fire Alarm warning plus individual zone remote alarm output and common remote alarm output. These alarms latch on until manually reset.

If a Fault condition is detected which could inhibit the fire alarm from operating the amber **Fault** indication will illuminate for that zone accompanied by a steady tone audible warning. These fault warnings latch on until manually reset.

A typical Fault condition monitored for, would include a break or high resistance joint in either detector circuit, a detector out of circuit, low battery voltage and low pressure in the fixed fire extinguisher cylinder.

To reset the alarm or fault latches, press the appropriate Isol/Reset switch twice, Once to Isolate the audible alarms & Again to reset the panel to the Green **Normal** condition. The system should always be left with the green **Normal** Status display illuminated.

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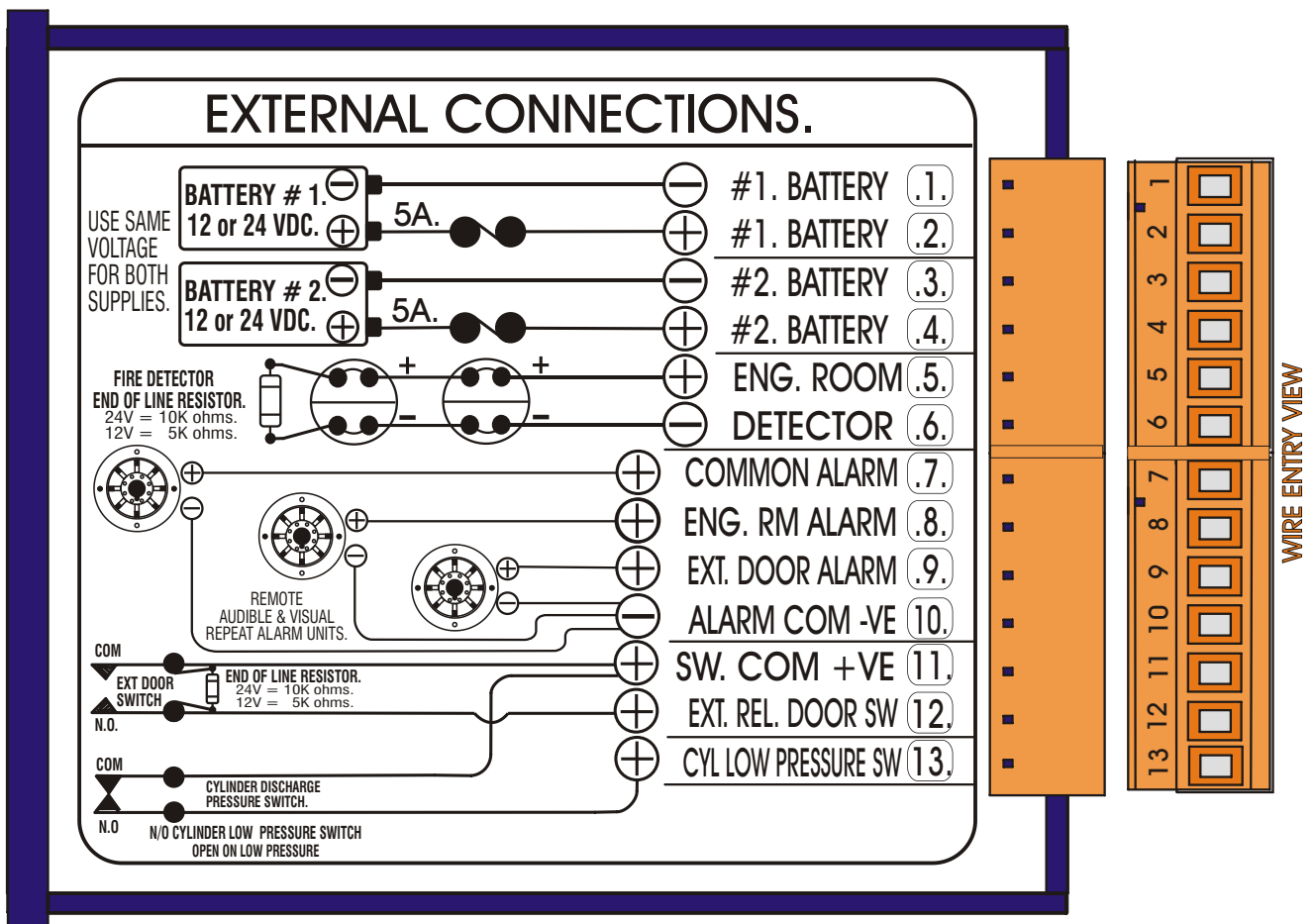
FA1 - EXTERNAL CONNECTIONS.

On the rear of the FA1 Fire Alarm Control Panel, there is a 13 way plug-in terminal for connection of all external wiring circuits -

- Two 12 or 24 VDC power supply inputs, terminals 1&2, & 3&4.
- The engine room fire detector circuit, terminals 5&6.
- Common remote alarm output circuit, switch +ve terminal 7.
- Fire Detector zone alarm output circuit, switch +ve terminal 8.
- Fire extinguisher release zone alarm output, switch +ve terminal 9
- Remote alarm output, common -ve terminal 10.
- Extinguisher release cover detector switch circuit terminals 11&12.
- Extinguisher low pressure monitor circuit terminals 11&13.

Module depth = 125mm

Dash Cut Out = 44 x 92 mm



SIDE VIEW

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AVAILABLE FROM

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