FS FireSense
Fire Detection Equipment

Power Supplies

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The FireSense Regulated power supplies range from 1.5 Amp up to 10 Amps with box sizes that will take you up to 65Ah Batteries. All have battery and mains monitoring with fault indicators, a fault buzzer and buzzer mute. A common fault relay comes as standard with a polarised relay for switching of supplies from bell output etc.

All the Power supplies are housed in attractive metal enclosures with Removable hinged front doors and 20mm knockouts.

The FireSense range of power supplies can be fitted with ancillary equipment for a variety of applications, for example, as shown in the picture, a din rail can be fitted to take a number of Apollo XP95 peripherals. These can be sounder controllers (which are triggered from the loops, but take the sounder power from the power supply), or output units (which can control door closers etc.) and all at high power via the integral relay on the power supply.

When there is a long distance between the control panel and the area where the sounders are required the power supplies are ideal.
The signals from the control unit can be transmitted along fewer wires and the power supplies can use this to control the sounders. This reduces the cabling required for the installation of the system. Other modules can also be fitted for convenience such as isolators and zone monitors. By using the fault relay in the power supply and the on board peripherals the power fault signal can be transmitted to the control panel.
The 3A power supply with integral 4 way sounder circuit controller can be driven from a sounder circuit to provide 4 extra circuits. This boosts the power to the sounders, as the power comes form the power supply and not from the control panel. The sounders can either be triggered by a switch contact (normally closed or normally open, depending on a link on the board) or via a sounder circuit.

Provision has been made to fit the sounder EOL so that a fault on the sounder or power supply will open circuit the EOL and send a signal to the control panel. Alternatively the sounder can be driven from an analogue loop via a sounder circuit controller. Again a power or sounder fault will be signalled back to the control panel via the sounder controller.

The unregulated power supply is housed in an attractive metal enclosure with knockouts top and bottom and mains on indicator. The supply can be switched via the on board relay either by a normally closed or normally open contact (depending on a link on the board), or via a polarised bell line input. A fault relay is also provided for mains failure.
Other products include relay boards with a 2 pole 5A charge relay polarised (boxed or unboxed) with self adhesive fittings, time delay relay for use on bell lines where putting class change in used on sprinkler systems to avoid pressure switch false operation.