

4 Zone Sounder Circuit Extender Kit

Part No. **FF502P**



Overview

Provides four extra conventional sounder circuits with open and short circuit fault monitoring.

Compatible with most manufacturers' fire alarm control panels.

Supplied on a double gang plate.

Basic connection requires four wires: 24 VDC, 0V, Sounder -Ve & Sounder +Ve.

Sounder -Ve & Sounder +Ve can be connected at the host panel or any convenient point on a sounder circuit (DO NOT SPUR). 24 VDC and 0V can be derived from the host panel or, alternatively, from an external PSU.

If connecting the FF502P to a C-TEC fire panel only three input control wires are required (Sounder -Ve is not required as our conventional panels have a common 0V rail).

Fits on standard UK 25mm flush or surface mount back boxes.

Technical Specifications

Application/operation	When the host sounder circuit is activated, the FF502P's sounder circuits follow. If an open or short is detected on any extender circuit, the FF502P connects a 680 resistor across the host circuit to indicate a fault on the host sounder zone.
Supply/operating voltage	15-30 VDC
Quiescent current	Less than 5mA @ 27 VDC (includes monitoring current)
No. of conventional sounder circuits	4
EOL resistor value	4 x 6K8 0.25W for sounder circuits A, B, C and D
Max. sounder output current	400mA max. current per circuit. Total output current to be no greater than 1A.
Product dimensions (mm)	146 W x 85 H x D 23mm (Can be mounted on a standard UK 25mm double gang flush or surface back box).
Construction & finish	White PVC plate; Light grey label.
IP Rating	IP40.
Weight	124g.



Operating conditions/temperature

-10°C to +60°C.

Notes

A/B and C/D Trigger Inputs pull down to 0V.



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