

# FF501Z MFP 4 Zone Printed Circuit Board Kit Installation Instructions

## Description

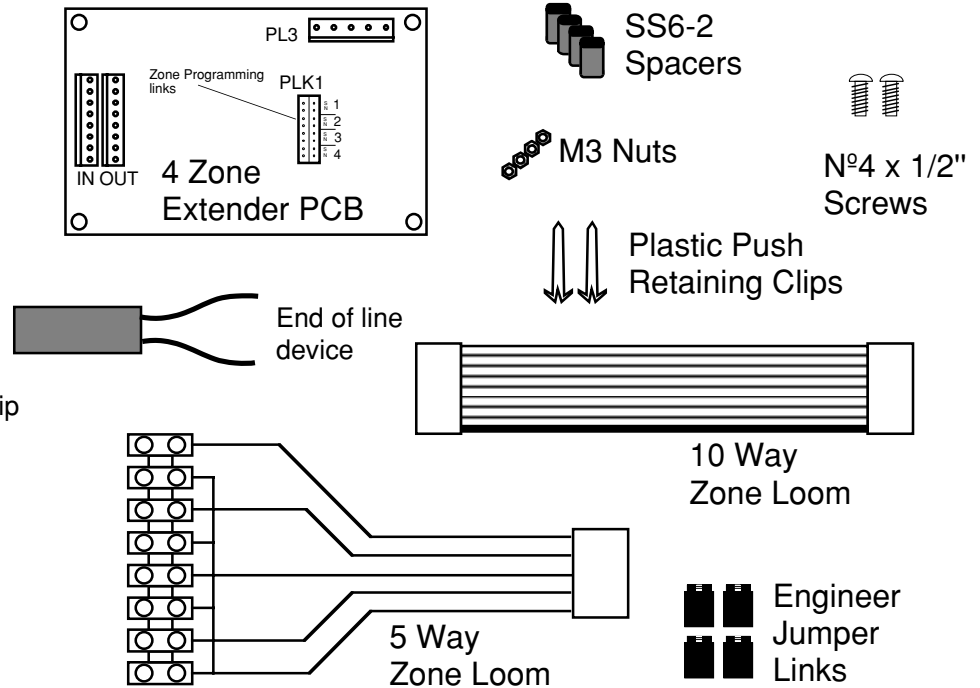
The FF501Z 4 Zone Extender PCB is designed solely for use with the MFP range of control panels.

The 10 way Zone loom transfers information between the circuit boards.

The 5 way Zone loom transfers the Detector circuits to the terminals in the back of the Control Panel Base.

## Kit Contents

- 1 x 4 Zone Extender PCB
- 1 x 10 Way Zone Loom
- 1 x 5 Way Zone Loom
- 4 x Spacers
- 4 x M3 Nuts
- 4 x Plastic Push Retaining Clip
- 4 x End of line Devices
- 2 x N°4 x 1/2" Screws
- 4 x Engineer Jumper Links
- 1 x This instruction sheet



## Installing the Zone Card

- 1 Remove power from the panel before installation
- 2 Fit 4 Spacers onto control panel lid studs.
- 3 Push circuit board onto studs and secure with nuts.
- 4 Fit the 10 way loom between the circuit boards as shown in the diagram. Note that it is designed to fit one way only, and that the IN to OUT connection sequence is followed.
- 5 Fit the four plastic push Retaining Clips through the back of the control panel and push the terminal block onto the clips. (For bases with screw fixed looms, secure the loom with the screws provided).
- 6 When ready, push the connector end of the 5 way loom onto the 5 way terminal on the zone card.
- 7 With the End of Line Devices across the terminal block switch on the panel and check that there are no fault lights illuminated.
- 8 Switch off and terminate the zone wiring. Connect the end of line devices at the last detector or Call point. Install continuity diodes if necessary (not supplied). Switch on and test each new zone.
- 9 If required, Engineer jumper links are supplied for connection to PLK1. Fit link S on the zone(s) required to revert to 1980 BS (Short Circuit = Fire), Fit link N on the zone(s) required to revert to non-latching fire condition.

