

The 2-Way Relay PCB supports Fire and Fault condition, volt-free, status outputs for the fire control panel. (Alternatively, the panel can be configured to operate the relays when sounders operate). Use the left-hand relay wiring termination block for Fire status output and the right-hand for Fault status output. These relays are only intended to switch SELV. Configuration is described in the panel's Installation, Commissioning & Configuration Manual.



Your 2-Way Relay PCB Kit, PN: 020-713 should contain:
2-Way Relay PCB PN: 124-347

Check your equipment....

Take suitable anti-static precautions, such as wearing a grounded wrist strap, when following ALL instructions. Remove all packaging from the kit and ensure that it has not been damaged in transit (and that no items are missing - see checklist on the left) before proceeding any further. If no damage is evident, proceed using the instructions below. In the unlikely event that damage has occurred or items are missing, DO NOT PROCEED, contact your supplier and refer to the panel's **Installation, Commissioning & Configuration Manual**.

Procedure for Fitting the 2-way Relay PCB

To fit the 2-way Relay PCB, proceed as follows:

- 1 Isolate mains power to the panel.
- 2 Use a 4mm hex key to release the two socket-headed screws (A) that secure the cover (B) to the back box (C).
- 3 Carefully withdraw the cover from the back box. Store cover safely.
- 4 Disconnect the batteries (D).
- 5 Inspect the 2-Way relay PCB. If there is no evidence of damage, proceed with fitting the PCB.
- 6 With the PCB (E) correctly orientated - the plug connector must be on the right - offer it to the space immediately to the left of the Main PCB (see illustration).
- 7 Align and locate the top and bottom cutouts (F) of the PCB over the two semi-circular tabs (G) of the back box. Move the PCB to the right so that the connector PL1 (H) engages the socket connector (SK2) on the Main PCB and the retaining clip (I) secures the 2-Way Relay PCB in position.
- 8 Make all wiring connections (see illustration). Check that the polarity of all connections is correct. The artwork provided above the wiring termination blocks shows the Fire and Fault relay contacts with the relays in a non-energised state. With the panel in its normal quiescent state, i.e. with no fire or fault conditions present, the Fire relay is not energised and the Fault relay is energised. Terminate external wiring as appropriate.
- 9 Reconnect power and replace the cover.

Replacing the 2-way Relay PCB

Carry out steps 1 to 4 of the fitting procedure. Carefully press down on the retaining clip (I) and carry out the reverse of steps 8 and 7, then follow steps 5 to 9.

