

# FF374 - FR (FAULT RELAY) INSTRUCTIONS

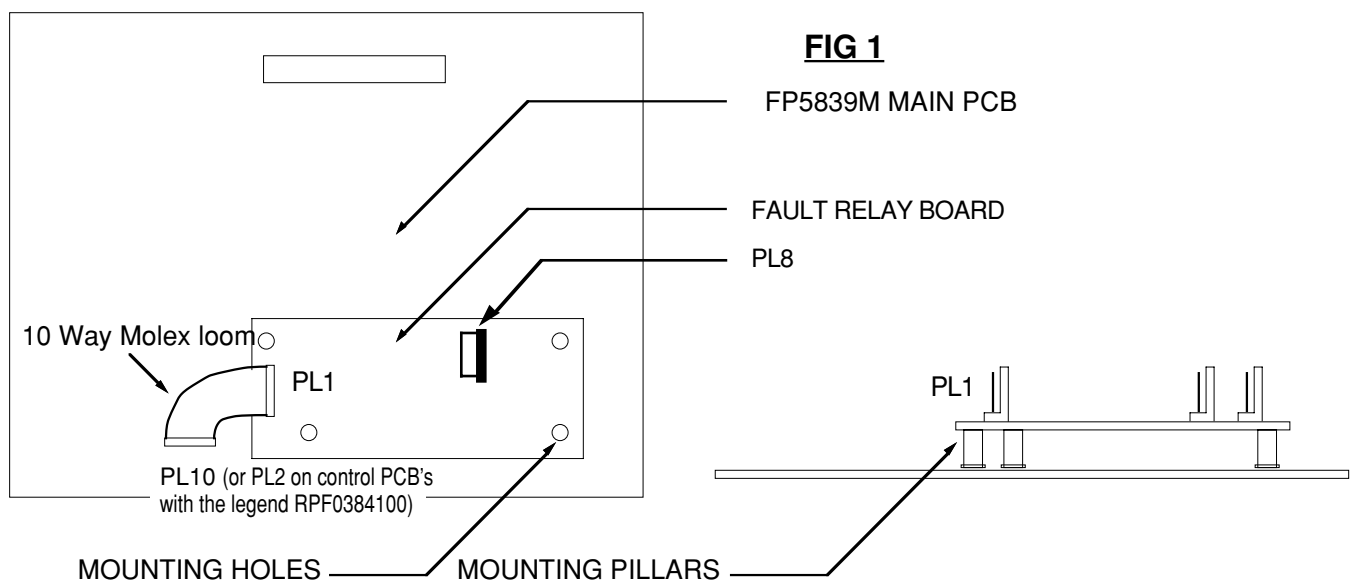
## Operation (Cannot be used on single zone panels)

This Fault relay board gives relay output on any fault and a silenced fire. The contacts are voltage free and floating unmonitored set of changeover contacts rated 24VDC 1A. DO NOT connect 240V. The connections are as in FIG 2. Power may be obtained from the Aux +ve and Com -ve terminals as per the Fire Panel instructions.

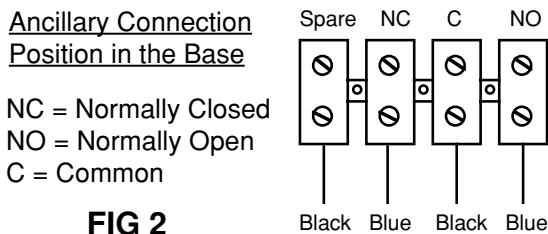
**Installation Method** (Ensure the fire panel is fully-operative before attempting installation).

**REMEMBER: DO NOT HAVE THE MAIN FIRE PANEL POWERED UP WHILST INSTALLING THE RELAY BOARD.**

Isolate the main control panel from the mains. The power supply fault will show, so remove the securing screws from the front, hinge the lid down and remove the battery leads. Take the relay board and using the mounting pillars provided, mount the board above the main control board in the position shown in Fig 1.



When correctly mounted in the main panel a 10 way polarized Molex loom must be placed between PL1 of the relay board and PL10 of the main control PCB (PL2 on control PCB's with the legend RPF0384100) as shown above. Connections between relay board and base are made using the loom provided (For connections see FIG 2). Retaining clips (Part No RNP0003000) are used to secure the connector strips to the base if required (4 way loom - Part number SWF3800106), if required extra 4mm retaining holes may be drilled, extra retaining pins are provided.



## Testing the fault relay board.

Reconnect the battery, close the lid and connect the mains.

Triggering the main PCB into any Fault condition will trigger the Fault (PL8) relay. If a fire condition is initiated, this will not effect the fault relay until that fire condition is silenced on which the fault relay will trigger. Note if a fault relay unit is fitted you will not be able to fit a repeater fire unit to that system.