

8 Way Relay Board

Item Number: 4310-0050

Installation guide

Description

The Relay Board mounts can be mounted on the backpan of the Ampac ZoneSense Plus, LoopSense or FireFinder Plus FACP's. The board provides 8 X 1A voltage free changeover contacts for control and or monitoring purposes.

The Internal Relay Board Fit Kit consists of:

- 1 x BRD25EWRB
- 1 x 220mm RJ45M Comms / power Cable
- 1 x 350mm RJ45M Comms / power Cable
- 1 x 350mm Power Cable
- 4 x M3 by 8mm screws (required for the ABS cabinet)
- 4 x M3 by 6mm screws (required for the metal cabinet)
- 8 x standoffs (required for the metal cabinet)

Installation:

Observe anti-static precautions at all times

1. Power down and disconnect the batteries
2. Mount the board on the suitably spaced backpan standoffs using the applicable screws and standoffs.

3. Select suitable cable lengths from those supplied to connect CN1 on the Relay Board to the applicable FACP connector as per the image below.
4. Bring the field cabling into the FACP through a suitable knockout and terminate to TB1 to 8
5. Power up and reconnect the batteries
6. Program the board FACP as per the applicable FACP Configuration manual and test

Connection and Settings

CN1: RS485 comms and 27Vdc input

CN2: RS485 comms and 27Vdc output to additional boards in the chain

CN3: Optional 27 Volts input

CN4: Optional 27 Volts output to additional boards in the chain

TB1/8: Voltage-free contacts

SW1: address setting switch from 1 - 15. Refer to applicable FACP manuals for addressing details.

LK1: EOL Link fitted to the last board in the RS485 chain

