

**Description:**

The Relay Board provides 8 zoned outputs in the NZ3200 using the AMPAC Serial Peripheral Interface.

**Installation:**

**Observe anti-static precautions at all times**

1. CN2 on the Relay Board connects to either CN4 (AUX DATA) on the zone board, or to the previous ASPI device, by means of an 8-way cable.
2. To add more than one ASPI board to a 302-5880 connect ASPI IN of the second ASPI board to ASPI OUT of the first, etc. Fit the ASPI Line Termination Plug to ASPI OUT on the last board on the ASPI bus.

A maximum of four ASPI boards is permitted per 302-5880 or 8 per 302-7080. No connection should be made to CN1 or CN3 accept to monitor the 24V supply to the Relay Board.

**Relay Assignment**

The operation of relays 1 to 4 are controlled by DIP switches SW1 to SW4. Relays 5 to 8 are permanently assigned to individual zones of the Zone Board.

- |                            |                   |
|----------------------------|-------------------|
| Relay 1: Controlled by SW1 | Relay 5: 5th zone |
| Relay 2: Controlled by SW2 | Relay 6: 6th zone |
| Relay 3: Controlled by SW3 | Relay 7: 7th zone |
| Relay 4: Controlled by SW4 | Relay 8: 8th zone |

To select one or more zones to operate a particular relay, the required poles on the appropriate DIP switch are set to the ON position.

- Zone 1: Controlled by Pole 1
- Zone 2: Controlled by Pole 2
- Zone 3: Controlled by Pole 3
- Zone 4: Controlled by Pole 4

For example: If poles 1 and 3 of SW2 are set to the ON position, Relay 3 will operate when either the 1st zone OR the 3rd zone go into alarm

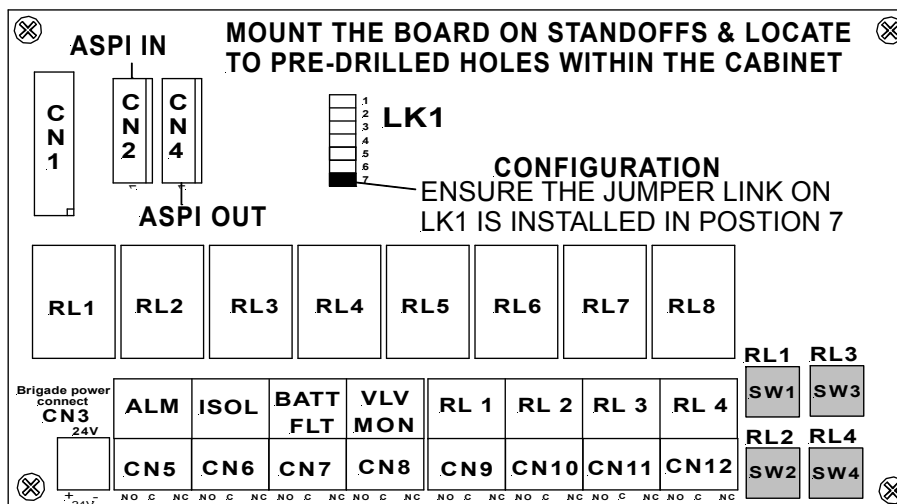


Figure 1: Board Layout



**FACTORY SWITCH SETTINGS**

	1	2	3	4
RELAY 1 SW1	OFF	OFF	OFF	ON
RELAY 2 SW2	OFF	OFF	ON	OFF
RELAY 3 SW3	OFF	ON	OFF	OFF
RELAY 4 SW4	ON	OFF	OFF	OFF

Figure 2: General Settings