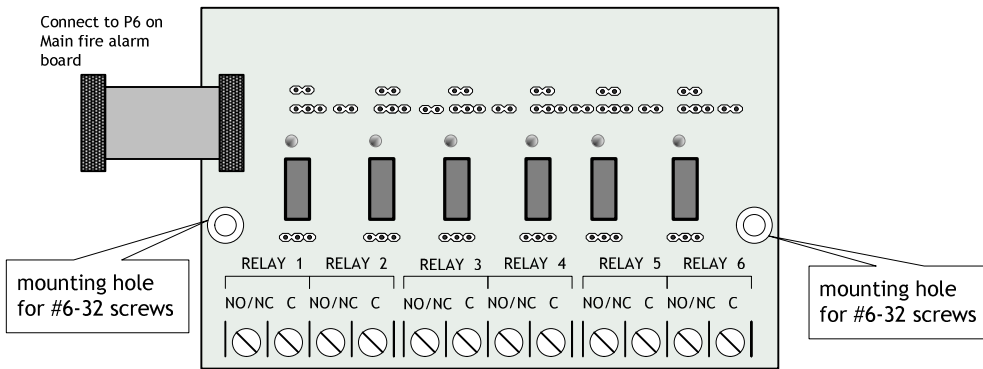


# Model MR-2306-R6 Six Relay Adder Module

The MR-2306-R6 provides six programmable relays. It mounts below the FA-300 main fire alarm board using the 2 screws provided. Before mounting the relay adder module, program the relays using the jumpers on the board. The jumpers located above each relay on the MR-2306-R6 are used to configure the relays. The jumpers located below the relays are used to select either normally open contacts or normally closed contacts. The ribbon cable from P1 of the MR-2306-R6 is connected to P6 on the Main Fire Alarm Board.

**Figure 1: MR-2306-R6 Six Relay Adder module**



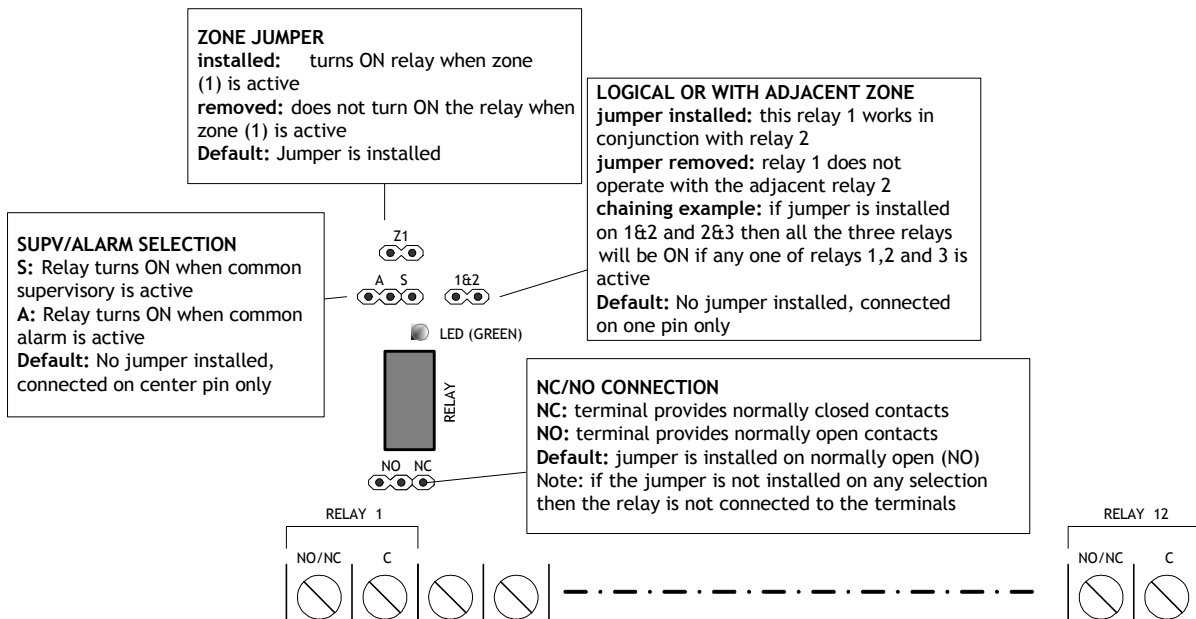
**P1:** Cable from MR-2306-R6 Relay Adder Module connects to P6 on Main Fire Alarm Board.

## Programming the relays

A typical relay circuit is shown below in *Figure 2* with the jumper locations and descriptions.

**Note:** Relay programming should be done before installing the board into the fire alarm backbox.

**Figure 2: MR-2306-R6 Relay programming**



## **ELECTRICAL SPECIFICATIONS**

Contact Rating: Normally Open NO, Normally Closed NC  
28V DC per contact  
1A resistive load max

Current Consumption: Standby: 0 mA  
Alarm: 80 mA