

# 8RELBRD User Manual

## Board Revision 060118

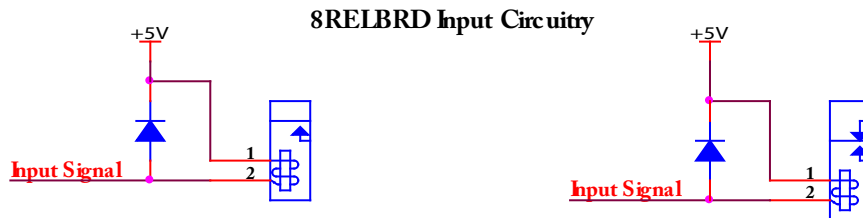
Revised 4-29-2006

### Overview

The 8RELBRD is designed to drive 8 auxiliary outputs. The 8RELBRD contains 6 SPST relays and 2 SPDT relays which can be used for directional outputs. The mounting of the 8RELBRD can be done either using stand-offs or Din-rail mounting clips. Using the stand-offs as your mounting choice allows you to stack the 8RELBRDs on top of one another.

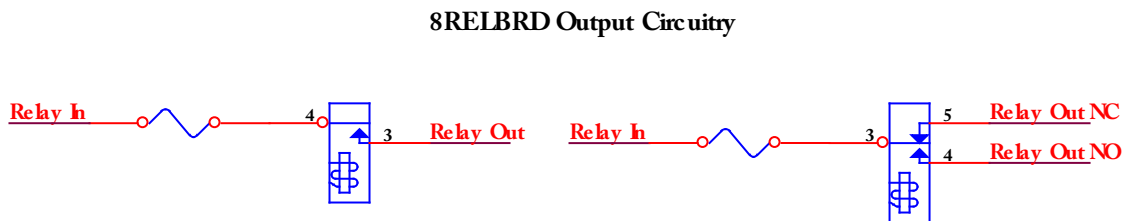
### Input Wiring

All inputs on the 8RELBRD are an active LOW signal and are powered by +5V, which is externally supplied. The input signals can be connected to the board by using either the Phoenix, H2, or the Waldon, H1, connector.



### Output Wiring

As mentioned before, there are two different types of relay outputs. Relays 2 and 7 are SPDT relays. All the other relays are Normally Open until the relay is engaged. Every output is fuse protected. Fuses are 5x20mm fuses and should be rated equal to or less than the maximum rating that is printed on the board, which is 7 amps.



## 8RELBRD Specifications

| Characteristic       | Min. | Typ. | Max. | Unit       |
|----------------------|------|------|------|------------|
| Supply Voltage       | 4.5  | 5    | 5.5  | V          |
| Relay Output Current | 0.01 | -    | 7    | A @ 250VAC |
| Relay Output Current | 0.01 | -    | 5    | A @ 30VDC  |

## 8RELBRD Board Connections

