

RL-06 Dual Channel Relay Module

The RL-06 Dual Channel Relay Module is a basic Relay board with two independent mains voltage rated 10A relays.

The board is fully buffered and can be controlled from 5V TTL voltages. This board is ideal for use with the MB-02 V6 Breakout board.

The Relays on the board are controller through the 4 pin header as depicted on the right of Illustration 1. Table 1 details the signals on the board.

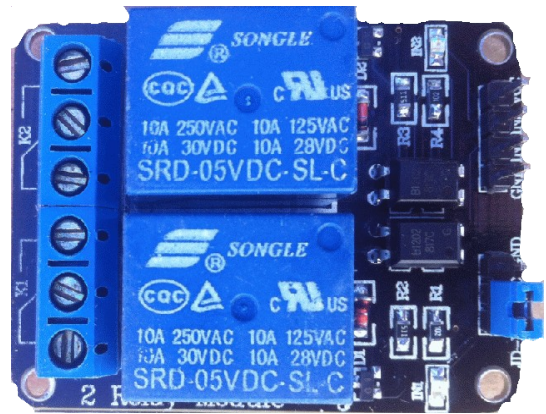


Illustration 1: RL-06 Dual Channel Relay Module

Installation

1. Connect the Relay board Gnd terminal to a 0V terminal on the breakout board.
2. Connect the Relay board 5V terminal to a 5V terminal on the breakout board.
3. Connect the Relay board RL1 and RL2 terminals to output terminals on the breakout board.
4. Setup you CNC software to activate the RL1 and RL2 outputs using -ve logic signals.

Note: The relay turns on when RL1 is connected to 0V and turns off when connected to 5V

Signal	Description	Notes
5V	5Vdc	Connect to BOB
RL1	Relay 1 Control.	N/C and N/O
RL2	Relay 2 Control.	N/C and N/O
Gnd	0Vdc	Connect to BOB
K1	Relay 1 Contacts	N/C and N/O
K2	Relay 2 Contacts	N/C and N/O

Table 1: Relay Board Pin outs

Relay Specifications	
Relay Contacts	10A@240Vac
Max Current (AC)	10A@125Vac
Relay Contacts	10A@30Vdc
Max Current (DC)	

Table 2: Relay Specification

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