

Routout CNC Opto Isolated Triple Relay Board V2.1

This board mates directly to our 2.5Amp Main board, or can be used stand alone. There are many applications where you need quick availability of a relay for connection to a particular piece of apparatus. We found in developing our kits that we always needed to have a relay mounted on a PCB within arms reach. So we thought if we need it then many others probably do too. These relays can be used for example to control a router head / Plasma torch

The inputs are TTL compatible, allowing them to be directly connected to logic circuits operating from a supply voltage of 5V. All the inputs are opto isolated

There are 3 inputs be used to operate the relays, marked RL1 RL2 and RL3 and the GND return. (J8)

The power Supply is connected to Connector J1 (20 - 24V DC)

Specifications.

Operating Supply Voltage: 20-24V DC

Input low voltage: 0 – 0.8V

Input high voltage: 2.4 – 12V

Switching Currents and voltage for relays

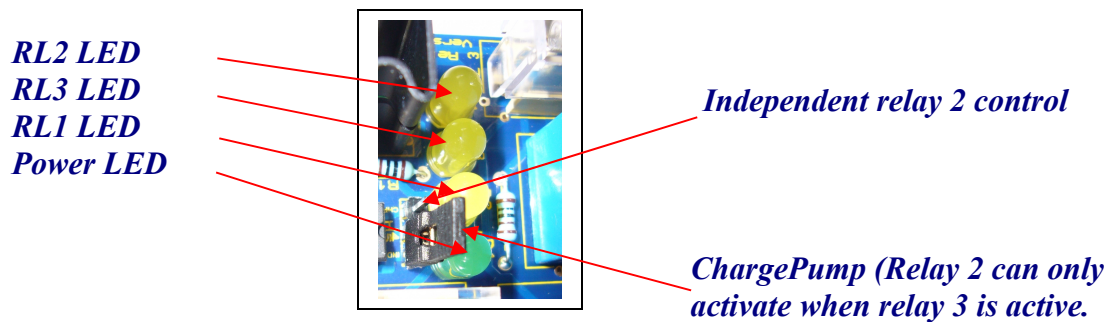
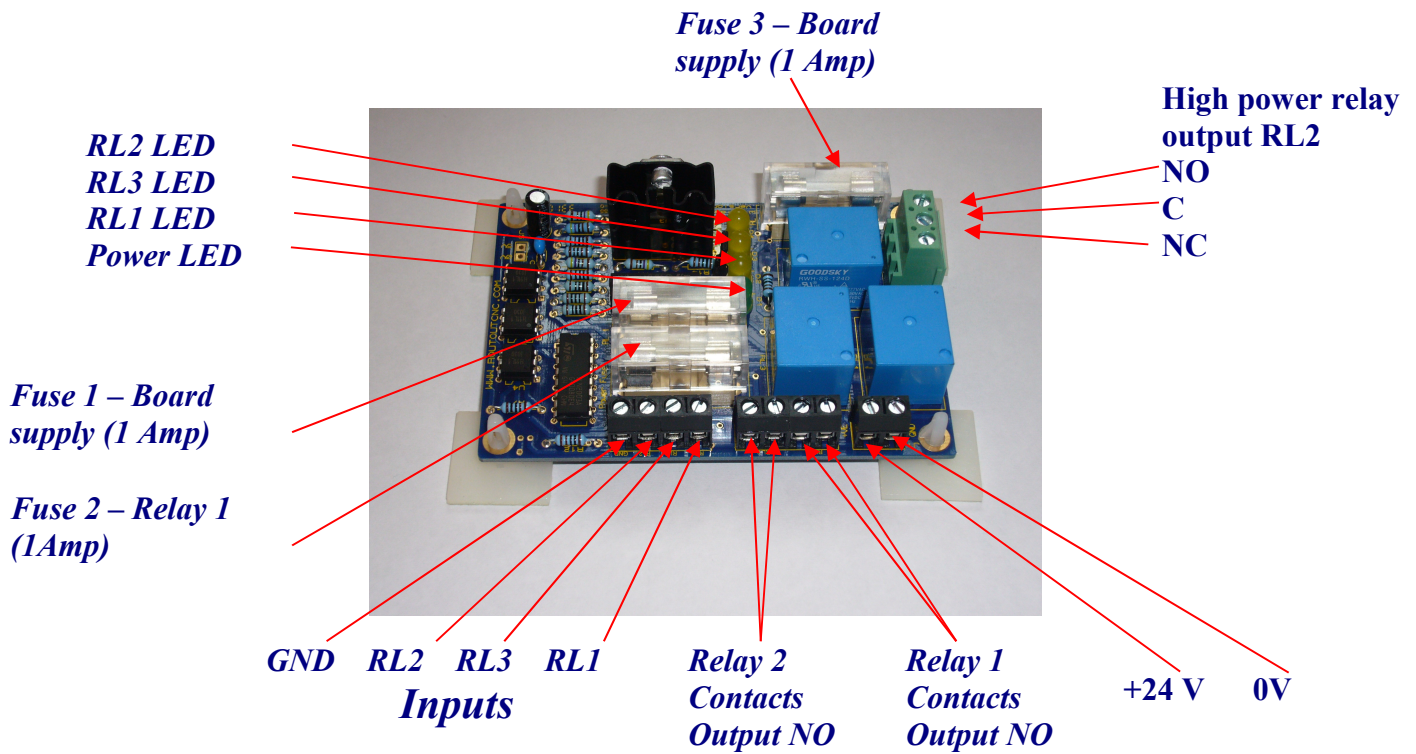
Under NO Circumstances can Relay 1 or Relay 3 be used for Mains voltages!

Relay 1 (RL1) Fused - **1A MAX -30 Volts DC / AC**

Relay 2 (RL2) Un-Fused - **5A MAX – 250V AC**

Relay 3 (RL3) Fused - **1A MAX -30 Volts DC / AC**

Quick Start:



Contact:

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