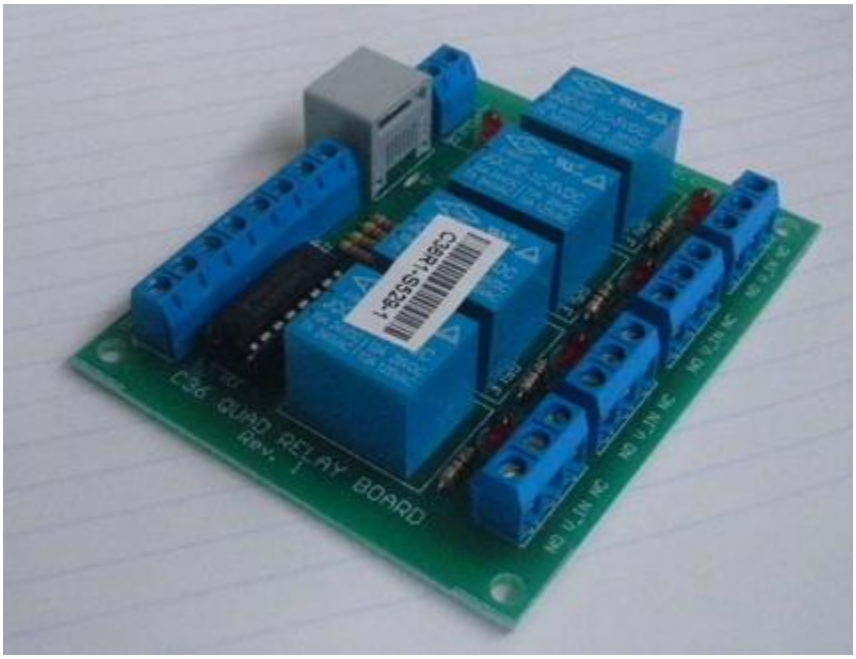
C36- QUAD RELAY BOARD Rev. 1

User manual



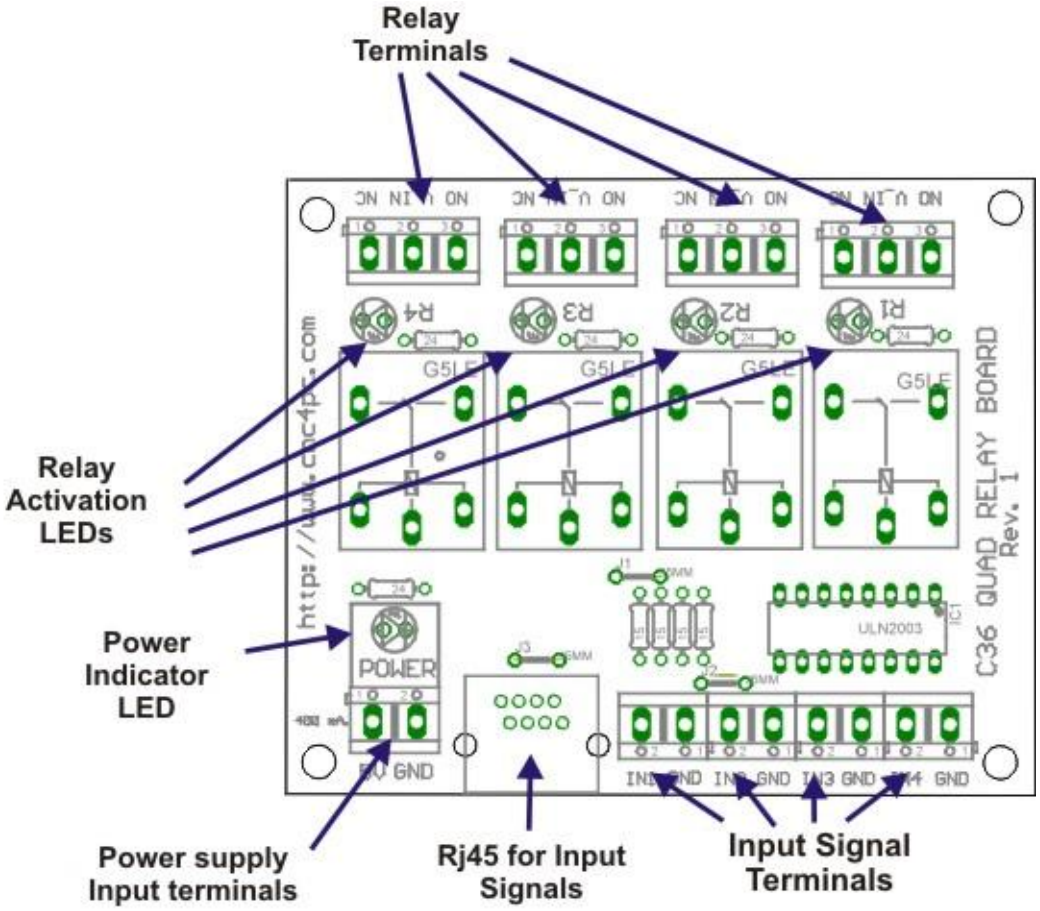
1. Overview

This board provides 4 electromechanical relays with NO (Normally Open) and NC (Normally Closed) connections.

2. Features

- ***4 Electromechanical relays with NO and NC positions.***
- ***RJ45 connectors for Inputs*** You only have to use standard networks cable to make all your connections.
- ***Screw-On connections for all terminals.***
- ***.Status LEDs on all relays connections.*** No more guessing. You can SEE all your signals.
- ***All TTL +5VDC or +3.3VDC Signals.*** Interface directly with parallel port interface products and other cnc4pc.com cards.

3. Board description



4. Specifications.

4.1 Power Requirements

It requires a 5VDC @ 400 mA external power supply to operate.

WARNING

Check the polarity and voltage of the external power source and connect the 5V and GND. Overvoltage or reverse-polarity power applied to these terminals can cause damage to the board, and/or the power source.

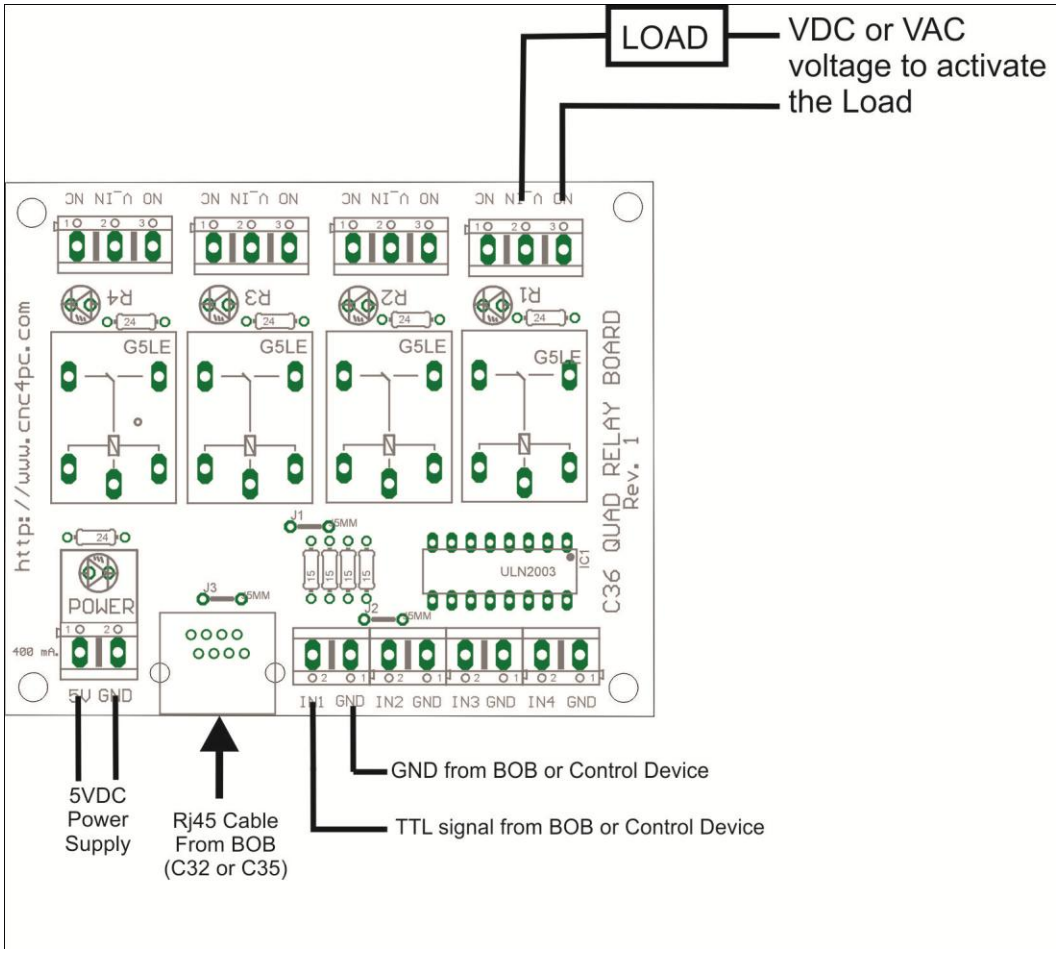
4.2 Relays Specificactions

ELECTROMECHANICAL RELAYS SPECIFICACTIONS	
Maximun Current (AC)	7A@240VAC; 10A@125VAC
Maximun Current (DC)	15A@24VDC; 10A@28VDC

5. RJ45 Pinout

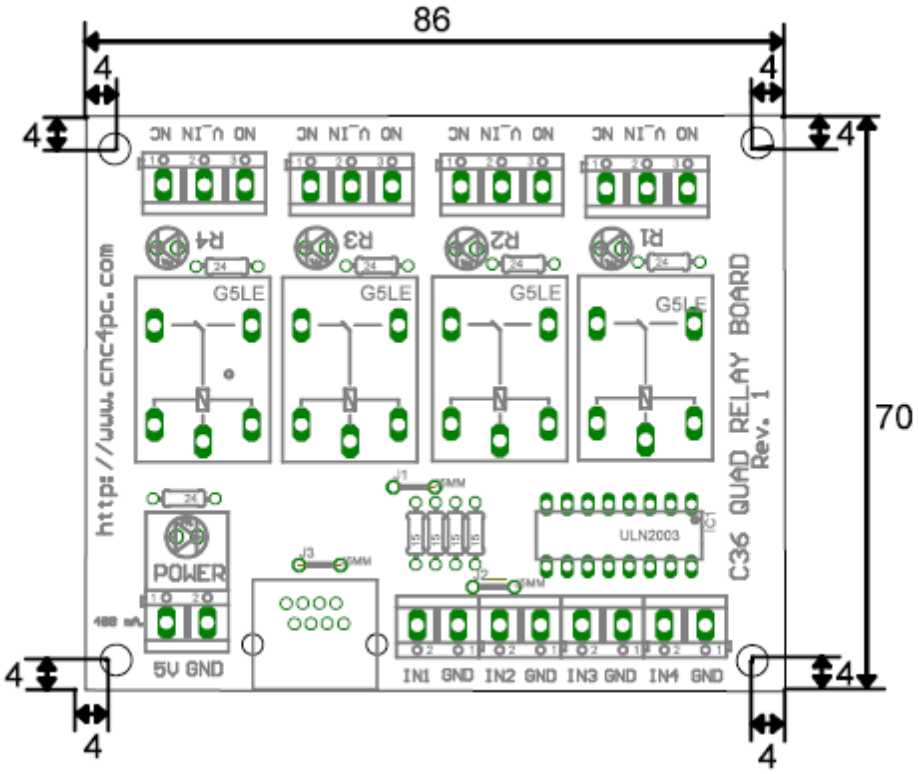
RJ45 PIN	FUNCTION
1	GND
2	RELAY 4
3	RELAY 3
4	RELAY 2
5	RELAY 1
6	NOT USED
7	NOT USED
8	NOT USED

6. Wiring Sample.



Note: This wiring is just to illustrate a sample product application. Specific wiring may vary from system to system. It is the users responsibility to implement it correctly.

7. Dimensions



All dimension are in Millimeters.

Disclaimer:
Use caution. CNC machines could be dangerous machines. DUNCAN USA, LLC or Arturo Duncan are not liable for any accidents resulting from the improper use of these devices. The C36 is not fail-safe device, and it should not be used in life support systems or in other devices where its failure or possible erratic operation could cause property damage, bodily injury or loss of life.