3.0   SPECIFICATIONS

| ELECTROMECHANICAL RELAYS SPECIFICATIONS	
Maximum Current (AC)	7A@240VAC; 10A@125VAC
Maximum Current (DC)	15A@24VDC; 10A@28VDC

4.0   BOARD DESCRIPTION
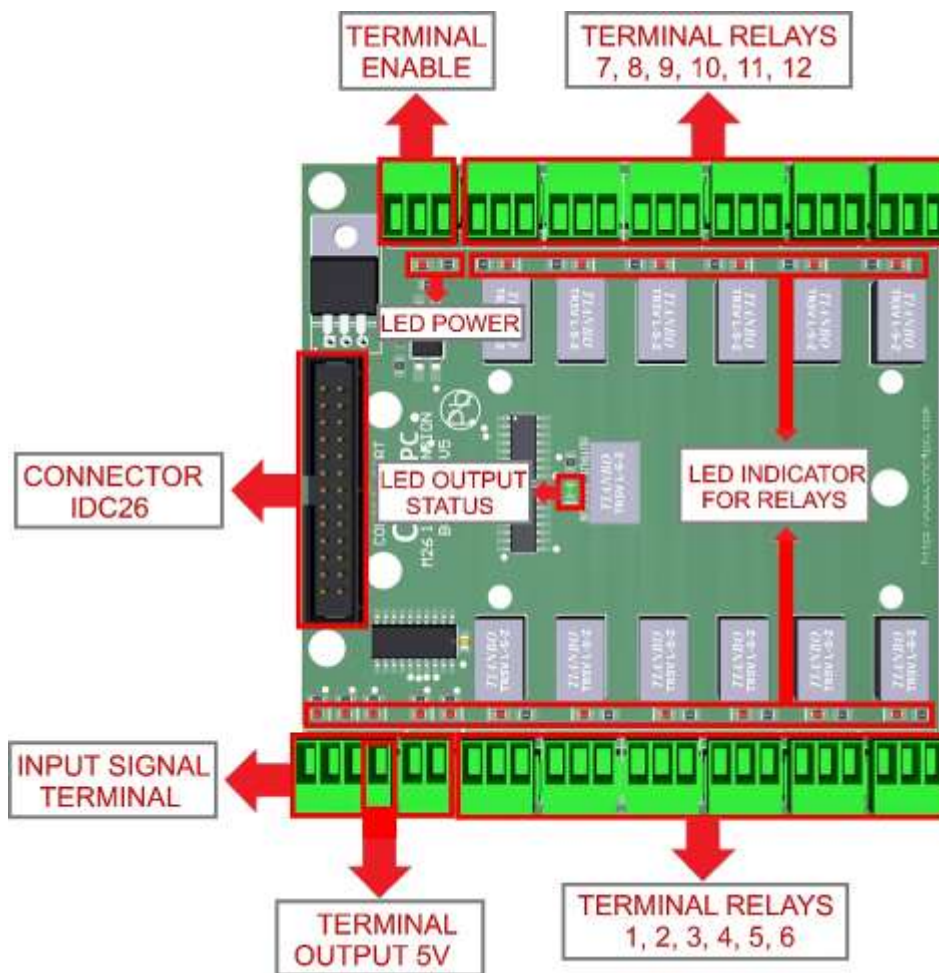
Requirements:
It requires a 5VDC @ 0.5Amp external power supply to operate.
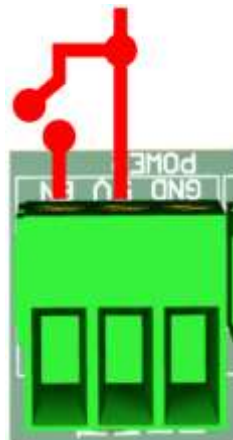
⚠ **WARNING**

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.
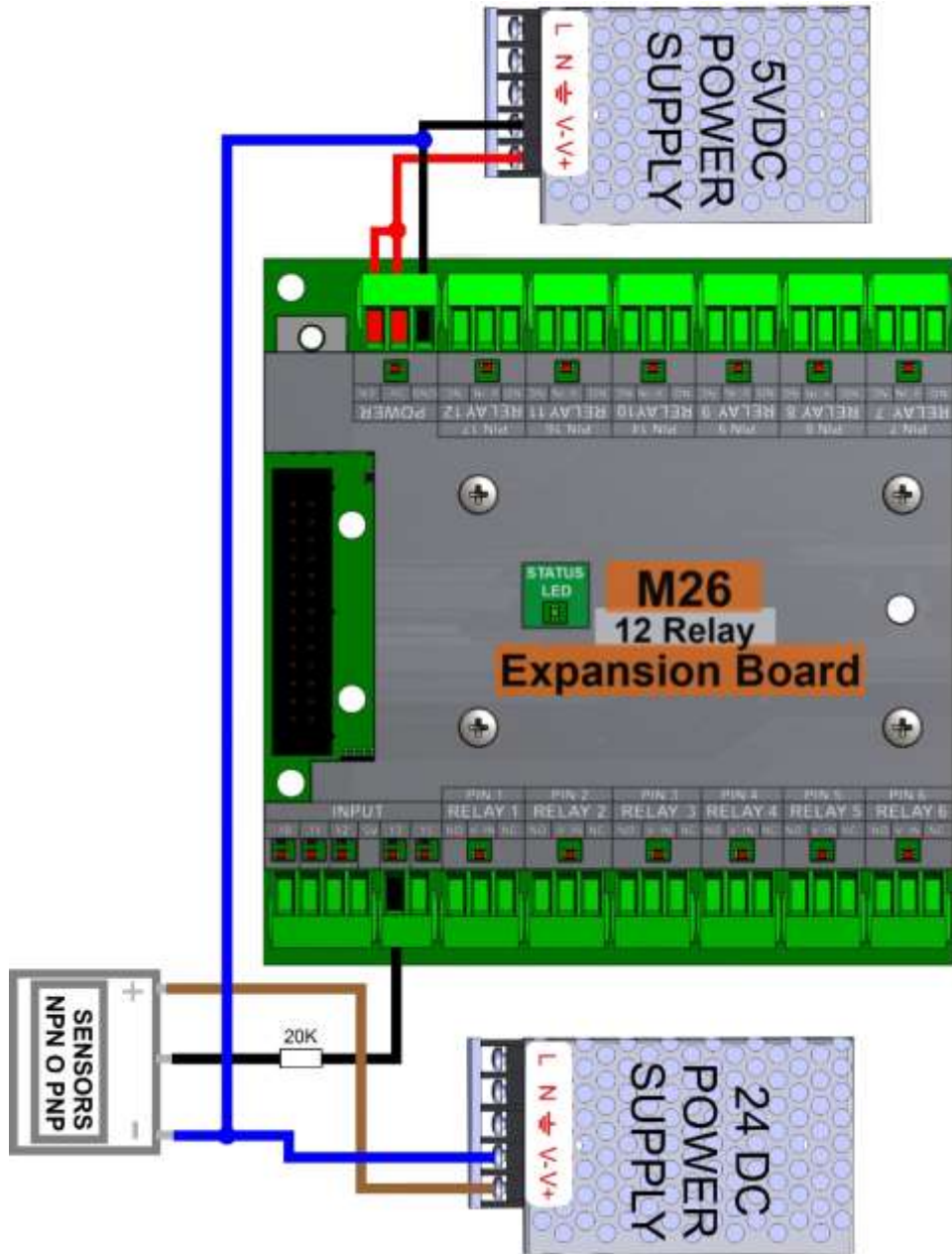
5.0   POWER TERMINAL
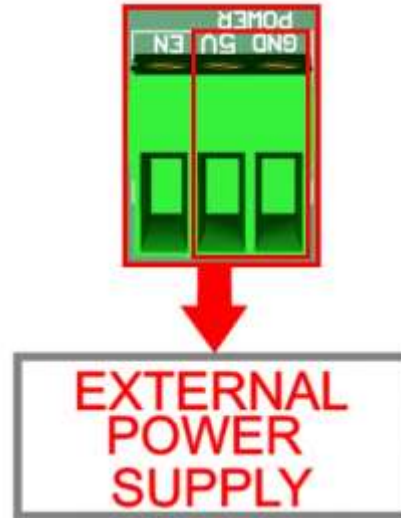
6.0   ENABLE TERMINAL

The card must be provided with a 5VDC signal to enable operation. This feature has been added to enable you to control externally the status of the relays of the card. You can add an external switch to provide the enabling signal. If using this board with a C25XP, C94, C76, or M16D, a jumper can be left in place the board will automatically be tied to the enable line of the main board.   So, when the main board becomes active, it will automatically enable the relay board.

7.0   INPUT SIGNALS 10,11,12,13 AND 15

the input pin is activated with +5vdc.

8.0   WIRING INPUT SIGNALS

-Wiring inputs using an external 24VDC power supply to keep input circuit isolated.

Note:
If using a +24vdc a 20K resistor is necessary to limit the voltage as the inputs can take only +5vdc.

9.0   PINOUT M26

FUNCTION	PINHEADER 26 PINS
RELAY_1	1
RELAY_2	2
RELAY_3	3
RELAY_4	4
RELAY_5	5
RELAY_6	6
RELAY_7	7
RELAY_8	8
RELAY_9	9
RELAY_10	14
RELAY_11	16
RELAY_12	17
INPUT_10	10
INPUT_11	11
INPUT_12	12
INPUT_13	13
INPUT_15	15
ENABLE	18
GND	19-25

10.0 DIMENSIONS
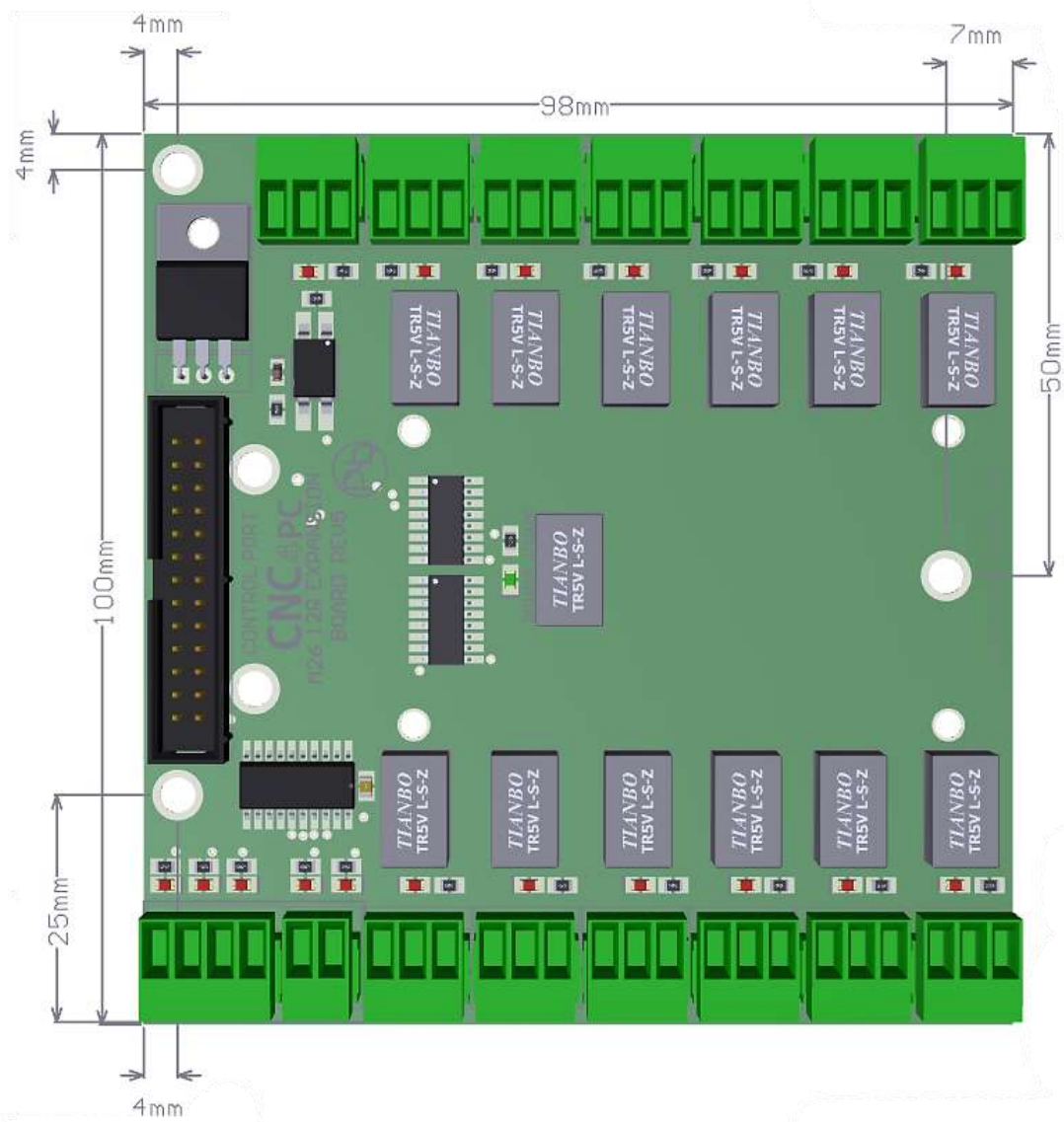
All dimensions are in Millimeters.
Fixing holes (4mm)

Disclaimer:

Use caution. CNC machines can be dangerous machines. Neither DUNCAN USA, LLC nor Arturo Duncan is liable for any accidents resulting from the improper use of these devices. This product is not a 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.