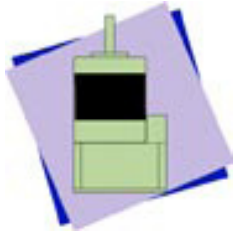




SECTION 4



INPUT AND OUTPUT

Pin Assignment and Layout

The Reliance Cool Muscle has 4 inputs and 2 outputs that are user definable. Each I/O port can be assigned multiple functions by setting motor parameters using CML. (Please refer to the Parameter section)

Connector Pin Layout



Pin#	Function	Return Pin	Assinable I/O types
1	DC+24V		N/A
2	GND-1		N/A
3	Input 2-		N/A
4	Output 2	11	Digital Out Analog Out Serial Transimit(TX)
5	Output 1	11	Digital Out Analog Out Serial Transimit(TX)
6	Input 4 (max 5V)	11	Digital In Analog In
7	Input 3 (max 5V)	11	Digital In
8	Input 1-		N/A
9	Input 2	3	Digital In Pulse Counter Serial Receive(RX)
10	input 1	8	Digital In Pulse Counter Serial Receive(RX)
11	GND2		N/A
12	DC+5 Out		N/A