

Control Isolated Inputs: (TB3, Pins 3-8, 11, 12) 1mA minimum
 Logic "0" = 3.5 - 8.6 VDC
 Logic "1" = Open

Power Requirements: 85VAC (min) - 135VAC (max)

Output Current Range: 5.0 - 15.0 Amps (peak)
 2.5 - 7.5 Amps (Continuous)

Hall Sensor Power Output: 5V @ 30mA (Max)

Operating Temperature: Heat Sink: 0°-70°

Control Isolated Outputs: (TB1, Pins 1, 2, 9, 10) These open collector outputs are able to sink 50mA.

PG Output (TB1, Pin 1-2)
 An open collector optically isolated signal pulse out is available at a rate of 4 pulses for 1 revolution of an 8-pole motor, 3 pulses for 1 revolution of a 6-pole motor, and 2 pulses for 1 revolution of a 4-pole motor.
 8-pole motor RPM = 15 * PG OUT (in Hz)
 6-pole motor RPM = 20 * PG OUT (in Hz)
 4-pole motor RPM = 30 * PG OUT (in Hz)

Fault Output: (TB1, Pin 9-10)
 Enabled when fault latch enabled.
 An optically isolated open collector is available to indicate when a fault has occurred. When NO fault occurs, this output will conduct current into the emitter. Care must be taken to not pass more than 50mA of current through this transistor. The emitter is also optically isolated.

Output Current Rating: Adjustable 5.0-15.0 amperes per phase maximum operating peak current (2.5-7.5 amperes per phase maximum operating continuous current)

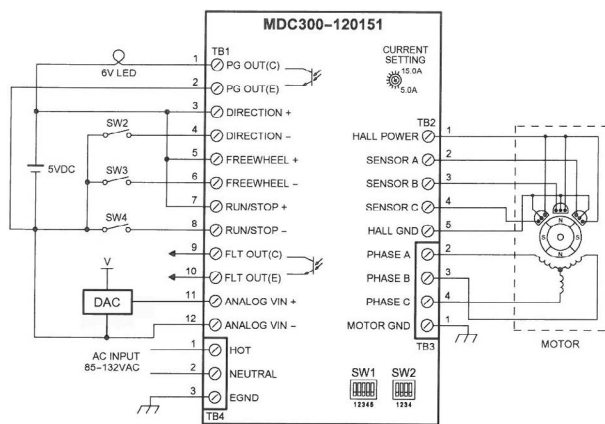


Figure 1: Hook up for current sinking inputs

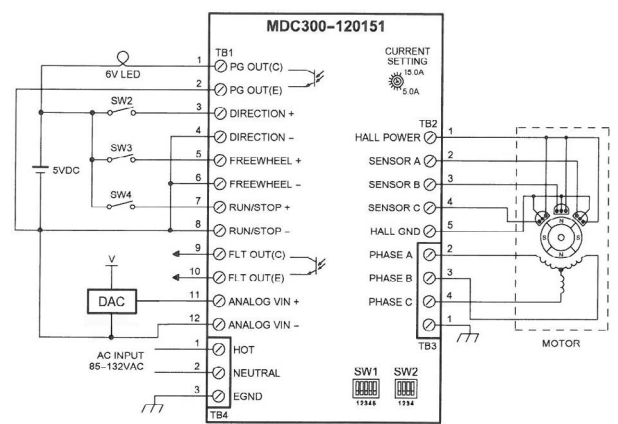


Figure 2: Hook up for current sourcing inputs