

Specifications

Control Isolated Inputs: (TB3, Pins 3-8,11,12)	1mA minimum Logic "0" = 6-7VDC Logic "1" = Open
Power Requirements:	20VDC (min) - 50VDC (max)
Output Current Range:	20 - 60 Amps (peak) 10 - 30 Amps (Continuous)
Hall Sensor Power Outputs:	5V @ 30mA (Max)
Operating Temperature:	Heat Sink: 0°-70°
Control Isolated Outputs: (TB1, Pins 1,2,9,10)	TTL-CMOS Compatible These open collector outputs are able to sink 50mA.
PC Output: (TB1, Pin 1-2)	An open collector 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)	Logic "1" (5V out) - Status good, normal operation. Logic "0" - One of the three fault conditions listed in the 'Fault Protect' section has occur. When a fault is detected, the Fault Output (Pin 5) goes low.
Output Current Rating	Adjustable 20.0-60.0 amperes per phase maximum operating peak current (10.0-30.0 amperes per phase maximum operating continuous current)

Hookup:

