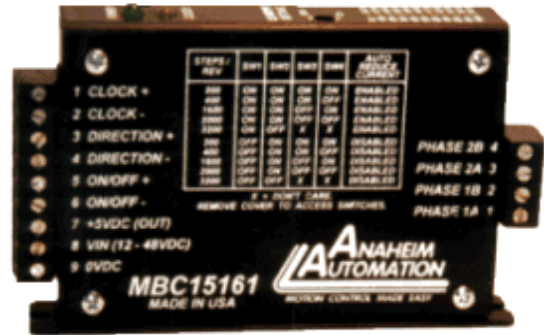


PRODUCT RELEASE

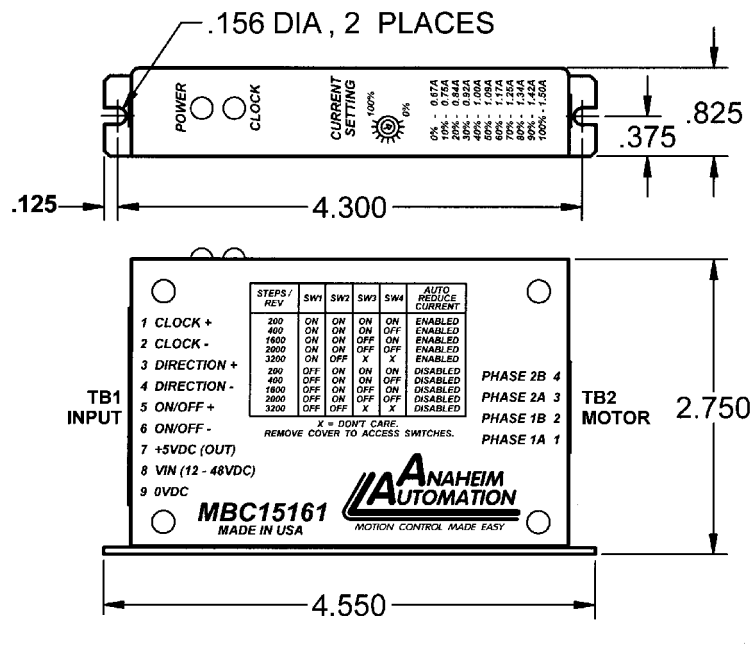
MBC15161 MICROSTEP DRIVER

- 1.5 AMPS/PHASE PEAK OUTPUT CURRENT
- MICROSTEPPING DRIVE OPERATION
- 1,2 ,8,10 AND 16 STEP SELECTABLE OPERATIONS
- OPTO ISOLATED INPUTS
- INTERNAL THERMAL SHUTDOWN
- MOTOR ON/OFF INPUT
- CURRENT REDUCTION
- SHORT CIRCUIT PROTECTION
- LOW COST COMPACT DRIVER
- DIMENSIONS: 4.55 L x 2.75 H x 0.825 W (INCHES)



Description

The MBC15161 Microstep Driver has an output current capability from 0.67 Amps Minimum to 1.5 Amps Maximum (Peak Rating). The MBC15161 driver will operate from 12VDC Minimum to 48VDC Maximum (up to 1.75 Amps of the power supply). The inputs are Opto-Isolated with a minimum sourcing of 5 mA per input (5VDC Minimum to 12VDC Maximum). The clock input is set to receive negative edge clocks with a maximum frequency of 100K Hz. The direction input is current sourcing for CW and no current for CCW. The ON/OFF feature is current sourcing to de-energize the step motor and no current to energize the motor. Reduce Current Enabled automatically reduces Motor current 50% after last step (20 msec delay). The +5VDC output supply is dependent on the input DC Supply Voltage (200mA @ 48VDC, 450mA @ 24VDC and 1000mA @ 12VDC). The driver has built-in features to indicate power on (Green LED) and Clocks being received (Yellow LED).



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