

32381-MS

4.5A Stepmotor Driver

INPUT: 10-42VDC (32 Nominal) Motor 5VDC for Opto-isolator LEDs

OUTPUT: Adjustable up to 4.5A max.

STEP: Selectable Full & 1/2-1/8-1/16 Microstep

Compact driver using the TB6600 IC. Full bridge driver for 4 or 6 wire steptomors.

Automatic drop to 1/2 current with no step Input.

Over temperature & current shutdown.

Under Voltage lockout

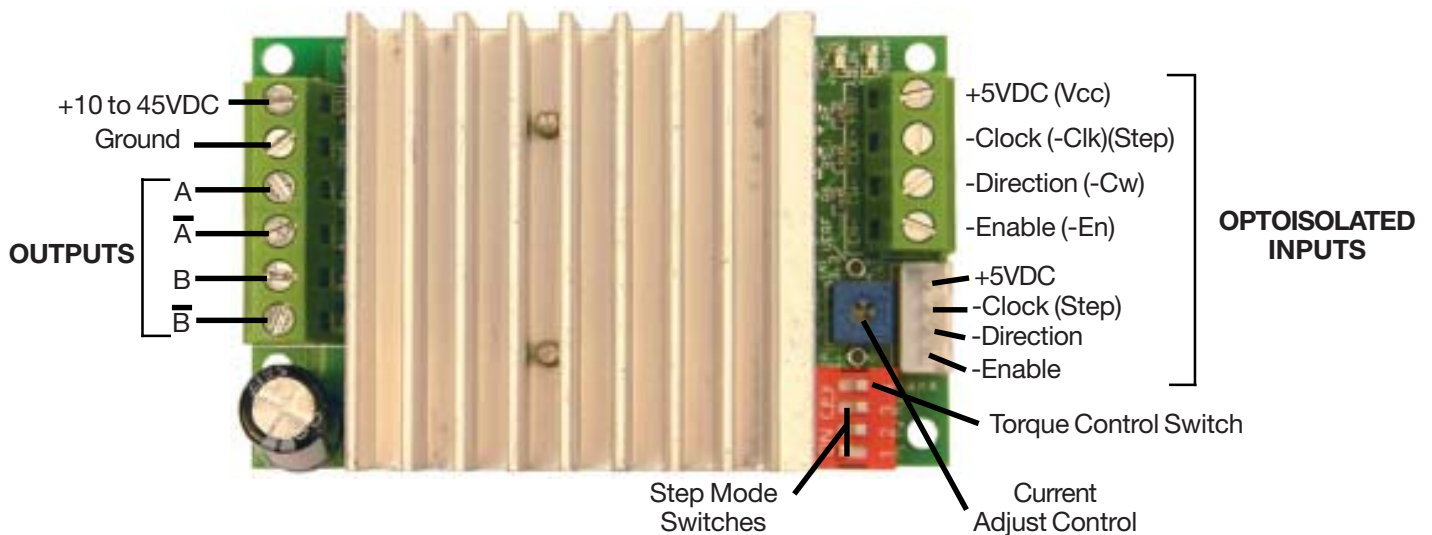
Opto-isolated Step, Direction & Enable Inputs. (Active Low).

Terminal strip for Outputs

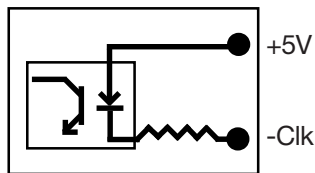
Terminal Strip & HT-396 4 Pin Header for Inputs

Power, Run & Alarm LEDs

L: 3-3/16" (82cm) **W:** 2" (51cm) **H:** 1-1/4" (33cm) **WT:** .3



INTERNAL OPTOISOLATED INPUTS



Repeated for Direction & Enable

STEP MODE SWITCH

Step Mode	M1	M2	M3
1/1	Off	Off	On
1/2	Off	On	Off
1/4	On	Off	Off
1/8	On	Off	On
1/16	On	On	Off

TORQUE MODE SWITCH

Off	Full Current
On	1/3 Current

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