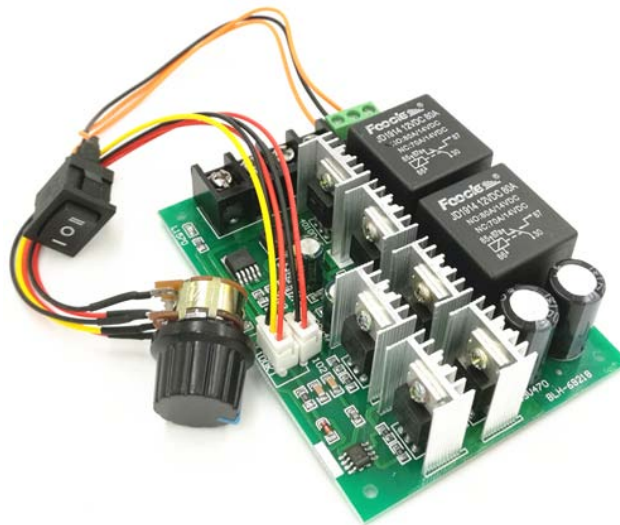




Data Specs

40A Reversible Motor Speed Controller

This PWM (Pulse-Width-Modulation) DC Motor Speed Controller allows controlling the speed and direction of a DC motor. This motor speed controller use efficient high power MOSFET with a heat sink and can easily provide a continuous operating current of 40A to DC brush motor, LED dimming control or other DC load.



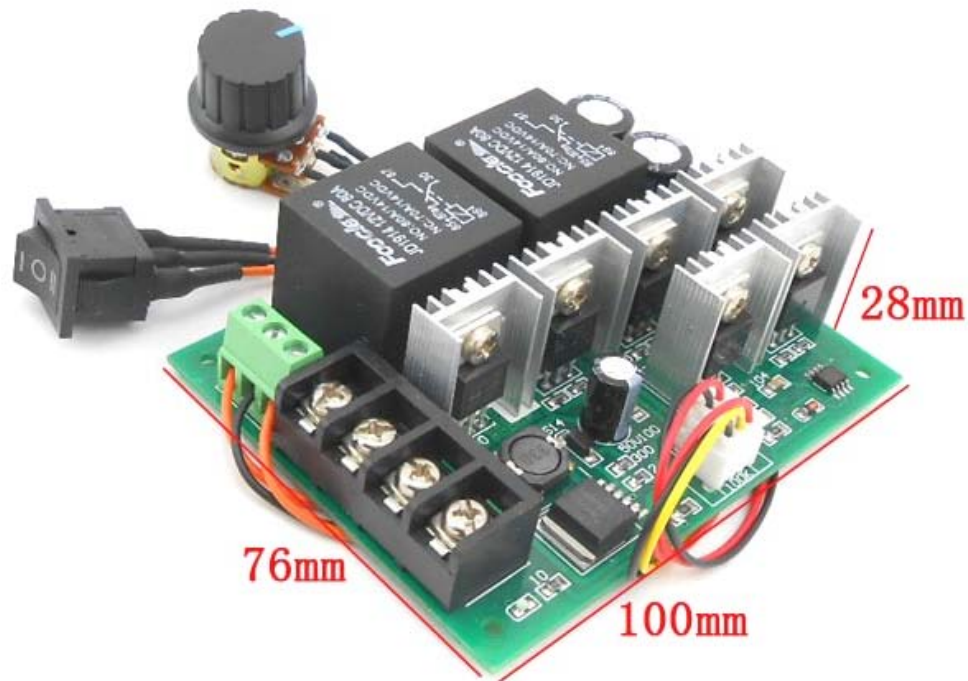
SKU: MDU-1057

Specifications:

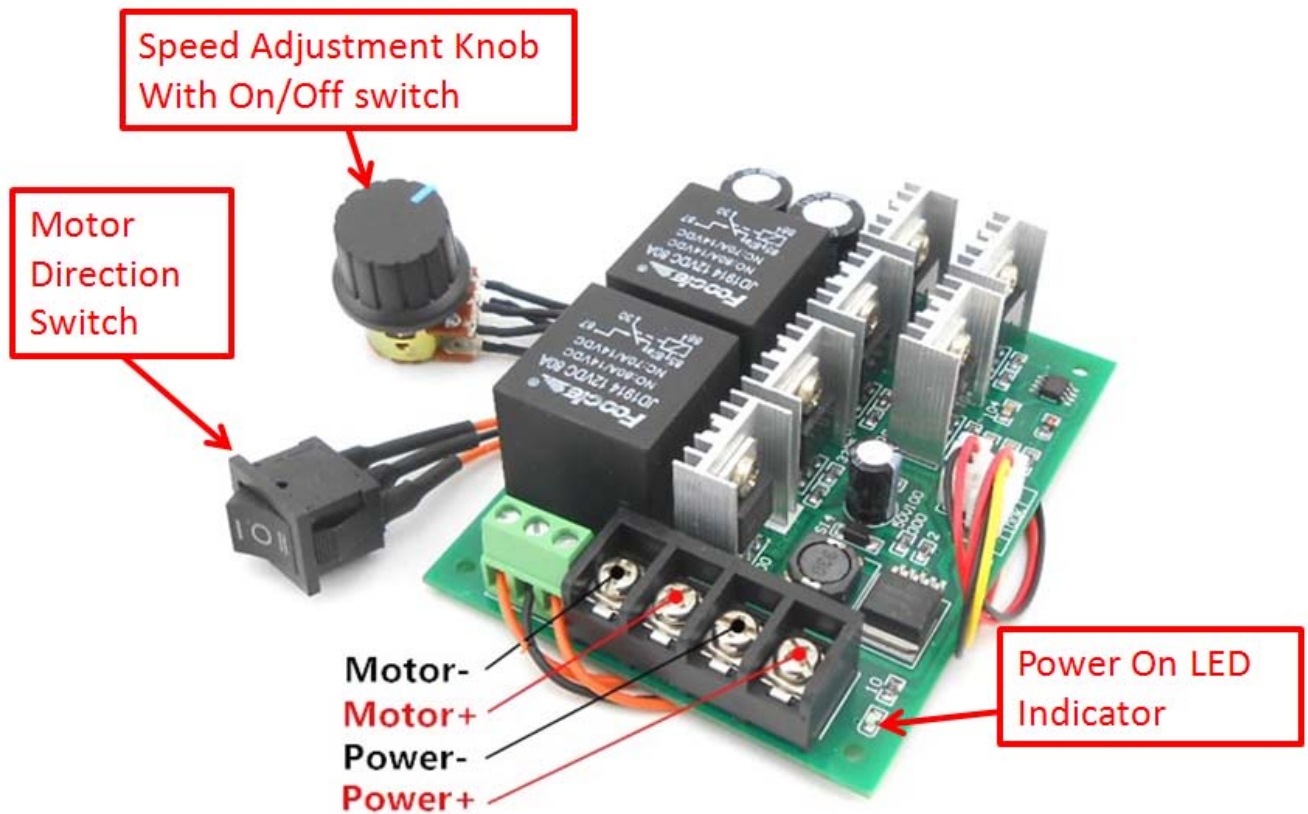
- Input Voltage: 10V~50V.
- Maximum current: 60A.
- Constant Operating Current: 40A.
- Speed range: 0% ~ 100%.
- PWM Frequency: 15KHz.
- Quiescent current: 0.01A (standby).
- Control mode: Potentiometer (switch).
- Direction Control: Rocker Switch, Forward-Stop-Backward.
- Speed regulating type: current regulation.
- Reverse: Yes, with switch
- Board size: 100MM*75MM*28MM
- Net weight: 180 g

Mechanical Dimension:

Unit: mm



Terminal Connector Function:



Speed Adjustment Knob with On/Off Switch:

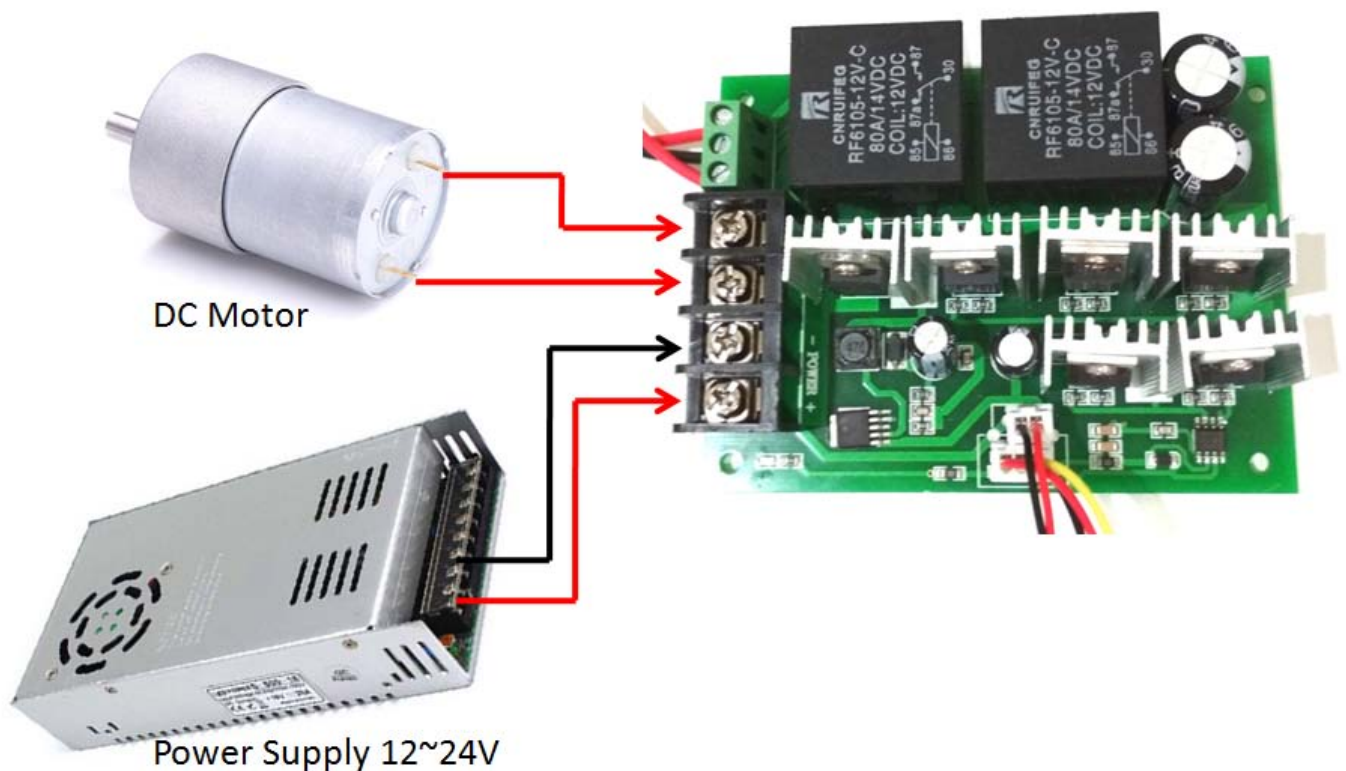
- Turn clockwise to switch On, LED indicator will light on.
- Turn fully counter clockwise to switch off, LED indicator Off.
- Turn clock wise to increase the speed, counter clock wise to decrease the speed.

Motor Direction Switch:



Position	Function
I	Motor in Forward Direction
O	Motor Stop, with braking
II	Motor in Reverse Direction

Application Example:



Web Resources:

- [SMPS Power Supply Module](#)
- [775 Ball Bearing DC Motor](#)
- [A58SW-555 Worm Gear Motor](#)
- [JGB37-3530 Metal Gear Motor](#)
- [Motor Bracket](#)