

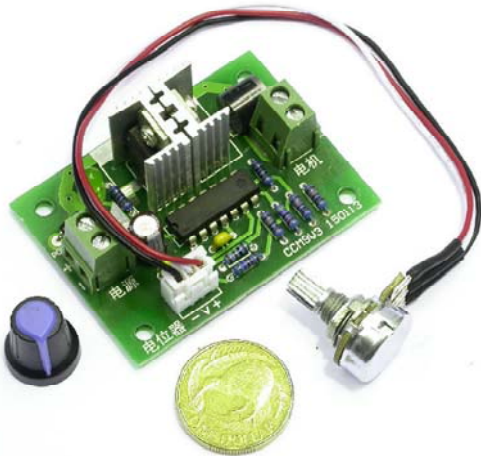
PWM DC Motor Variable Speed Controller



<http://www.casa.co.nz>

Edition: 23/04/2022

Type: **3A-24V-120W-CCM9V3-150113**



General Data

Description: DC motor PWM (*pulse-width-modulated*) variable-voltage speed controller, with remote-control-potentiometer, suitable for permanent-magnet DC motors up to 24Vdc and 120Watts (*nominal*).

Brand: CASA (*OEM = TBA*)

Model: 3A-24V-120W-CCZM9V3-150113

Input: 2.2~ 24Vdc (*not more than 28V depending on ambient temperature and duty-conditions*)

Output voltage: 1.8V ~ 24V (*PWM adjustable*)

Output current: up to 3A (*see data sheet for active components for specific details*)

Output power: recommended use below 120W

Operating temperature: -40°C ~ +85°C (*nominal*)

Remote Potentiometer: 10k Ohm linear.

Short circuit protection: ? (*On-board resettable fuse?*)

Over temperature protection: TBA (*shutdown output automatically after over temperature*)

Input Reverse Polarity Protection: TBA (*a shunt diode is connected on input for protection from reverse voltages*)

Wiring: 4 x Screw-clamp terminals

Size: 60 x 44 x 24 mm (*nominal LxWxH*)

Fixing: 4 x M3 clearance holes @ 34 + 50mm (*L x W mm*) matrix (*pitch*)

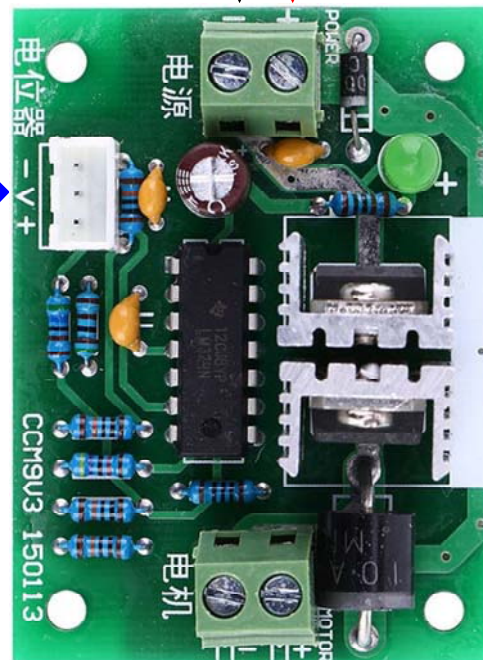
Weight: 36 gms

Package & Options include:

1 x 24Vdc 1~4A mains operational power supply.

Variable
Control
Connector

LM324N



12~24V
dc supply

DRAFT

Permanent
Magnet DC
Motor

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