

# PWM DC Motor Variable Speed Controller



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

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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

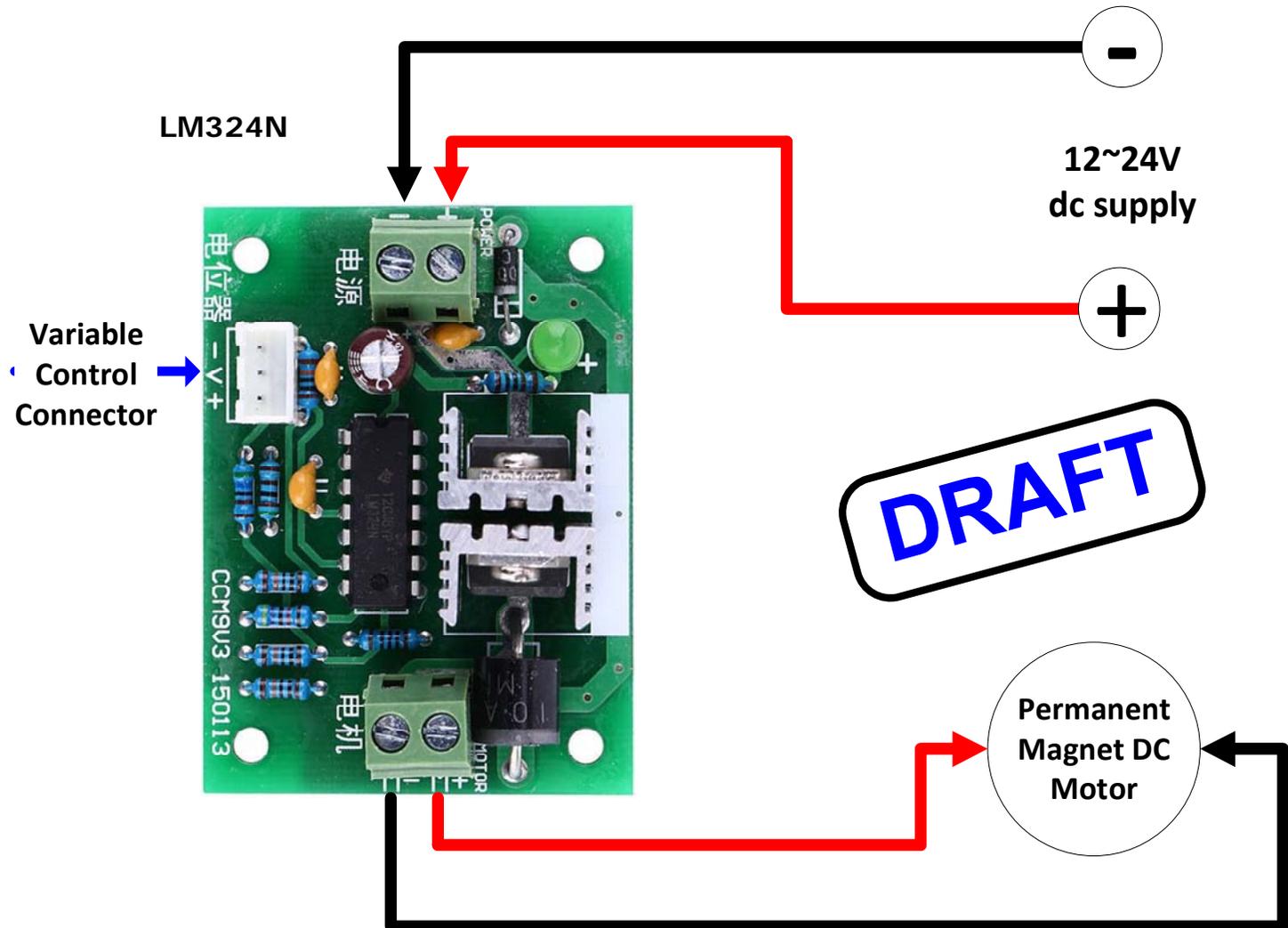
**Size:** 60 x 44 x 24 mm (*nominal LxWxH*)

**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.



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