



PWM DC Motor Variable Speed Controller



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

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Type: **180VDC-250W-DC51-DOJIU**

WARNINGS

1. Speed knob must be at "0" before switch-on.
2. Motor (load) must be connected before switch-on.

DC-51-180V-250W-Dojiu

General Data

Description: DC motor pulse-width-modulated variable-voltage speed controller with remote-connected emergency-stop switch.

Suitable for brush type permanent-magnet DC motors up to 180Vdc and 250Watts.

Brand: CASA (OEM = ???)

Model: 220Vac~180Vdc-250W-SCR-DOJIU

Input: 220 Vac (not more than 230V depending on duty-conditions)

Output voltage: 0V ~ 180V (PWM adjustable)

Output current: up to 2A (see SCR data sheet)

Output power: recommended use below 250W

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

Short circuit protection: Yes (On-board non-resettable 20x5mm glass fuse)

Over temperature protection: NA (not included)

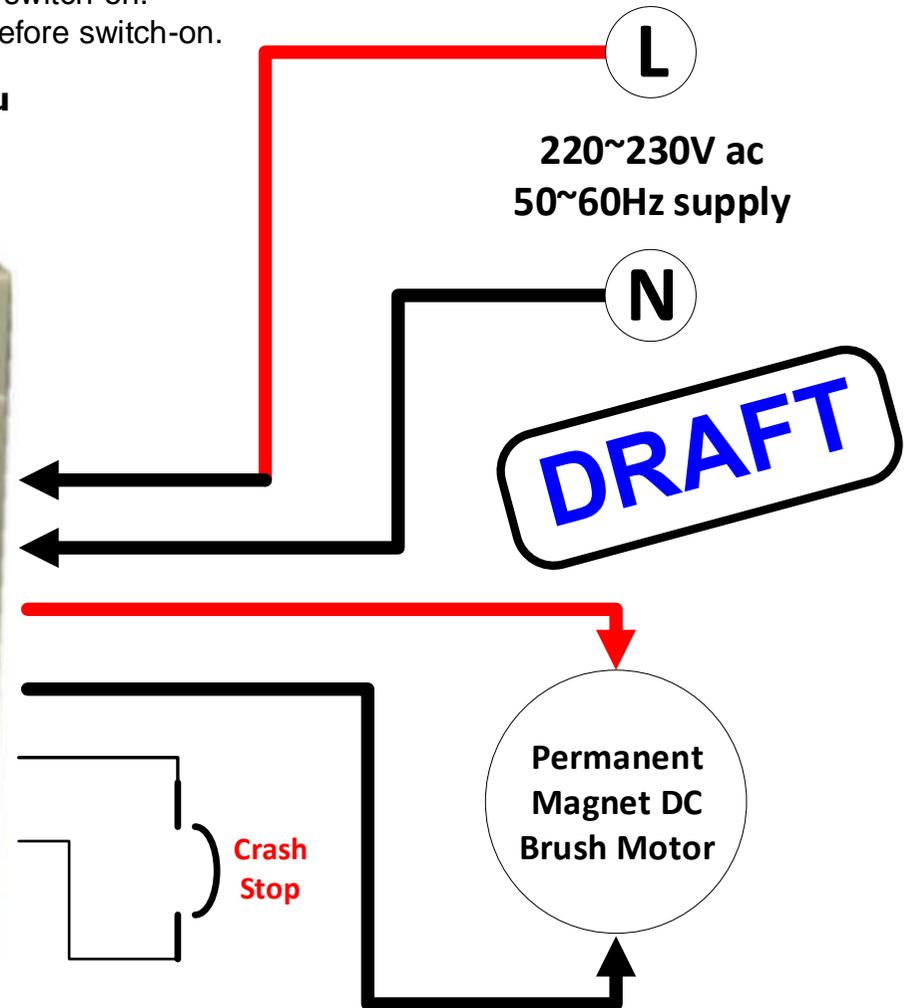
Reverse Polarity Protection: TBA (a back-EMF shunt diode is connected on the output for protection from motor induced reverse voltages)

Wiring: Screw-clamp terminals

Size: 97 x 62 x 100 mm (nominal LxWxH) plus rear terminals and front knob etc.

Fixing: 2 x M4 clearance holes @ 90mm (panel cut-out 80 x 64 mm).

Weight: 140 gms



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