

PWM DC Motor Variable Speed Controller



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Type: **230~10Vdc-10A-PWM-Triac**

WARNINGS

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

DRAFT

DC-210~10-10A-2kW

General Data

Description: Low-cost triac controller for DC motor with pulse-width-modulated variable-voltage speed/power controller from potentiometer adjustment knob.

Suitable for brush type permanent-magnet DC motors up to 180Vdc and 500Watts (perhaps more).

Brand: CASA (OEM = ???)

Model: 220Vac~230Vdc-2kW-PWM-TRIAC

Input: 230 Vac (not more than 240V depending on duty-conditions)

Output voltage: 10V ~ 240V Nominal (PWM adjustable)

Output current: up to 10A (see parts data sheets)

Output power: recommended use below 2kW

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

Circuit protection: Yes (Internal on-board 10 Amp replaceable 20 x 5mm fuse)

Over temperature protection: NA (Not incorporated)

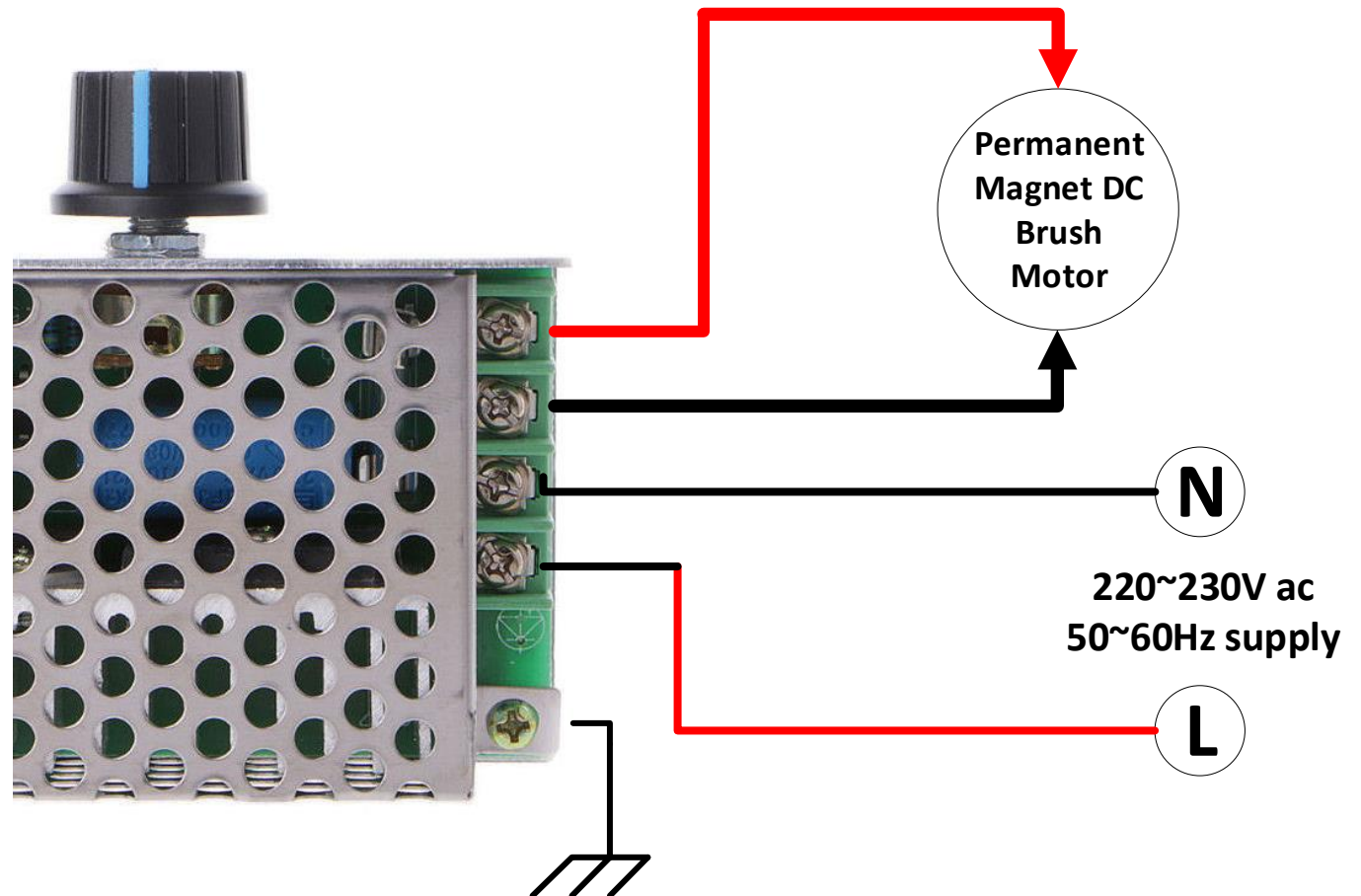
Output Reverse Polarity Protection: NA (no shunt diode is connected on output for protection from motor back EMF)

Wiring: 4 x Screw-clamp Barrier-Terminals (plus grounding to metal chassis)

Size: 85 x 57 x 37 mm (nominal LxWxH) plus front knob etc.

Fixing: 2 x M3~4 clearance holes (panel cut-out for potentiometer 8 mm).

Weight: 122 gms



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