PWM DC Motor Variable Speed Controller



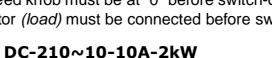
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Type: 230~10Vdc-10A-PWM-Triac

WARNINGS

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



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)

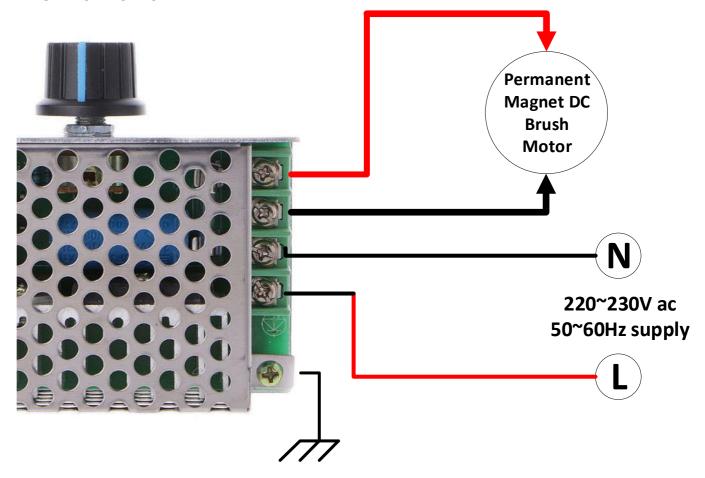
Circuit protection: Yes (Internal on-board 10 Amp replaceable 20 x 5mm fuse)

Over temperature protection: NA (Not incorporated) Ouput 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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