

PWM DC Motor Variable Speed Controller

Type: **3A-28V-80W-1203B-GSOT7300**

DRAFT



General Data

Description: DC motor pulse-width-modulated variable-voltage speed controller suitable for permanent-magnet DC motors up to 28Vdc and 80Watts.

Brand: CASA (OEM =)

Model: 3A-28V-80W-1203B-GSOT7300

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

Output voltage: 1.8V ~ 26V (PWM adjustable)

Output current: up to 3A (see IC data sheet for details)

Output power: recommended use below 80W

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

Short circuit protection: Yes (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: Screw-clamp terminals

Size: 50 x 32 x 16 mm (nominal LxWxH) plus

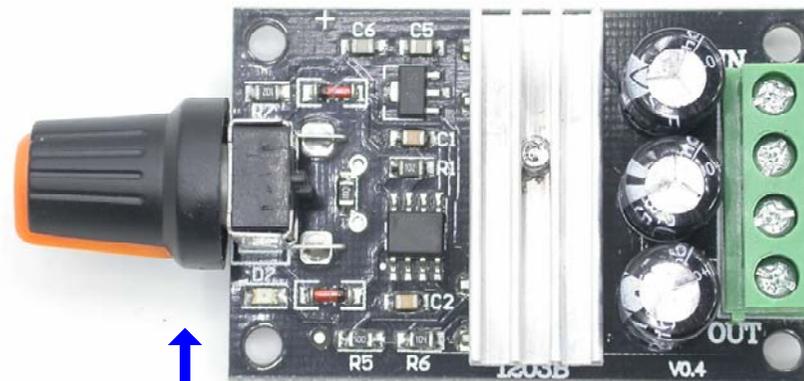
Fixing: 4 x M3 clearance holes @ 26 + 44mm (L x W mm) matrix (pitch)

Weight: 18 gms

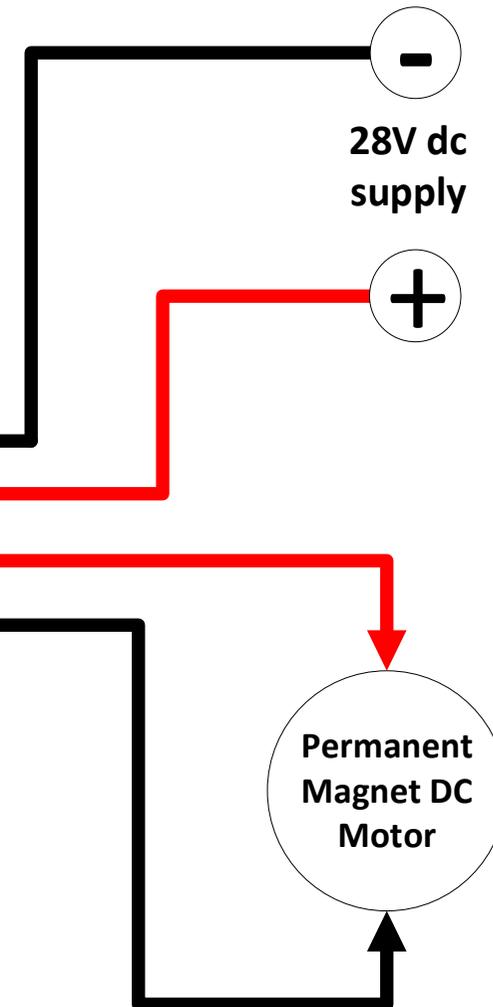
Package & Options include:

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

1203B



Variable Control
(+ optional On/Off Switch
on model GSOT7500)



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