



# PWM DC Motor Variable Speed Controller with Switches



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

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Type: **3A-28V-80W-1203B-GSOT7500**

**DRAFT**

## General Data

**Description:** DC motor pulse-width-modulated variable-voltage speed controller, with remote-switch mode-selection, suitable for permanent-magnet DC motors up to 28Vdc and 80Watts.

**Brand:** CASA (OEM = )

**Model:** 3A-28V-80W-1203B-GSOT7500

**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)

**Remote Switch:** 3 position rocker-switch provides remote switching of "Forward-Stop-Reverse"

**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

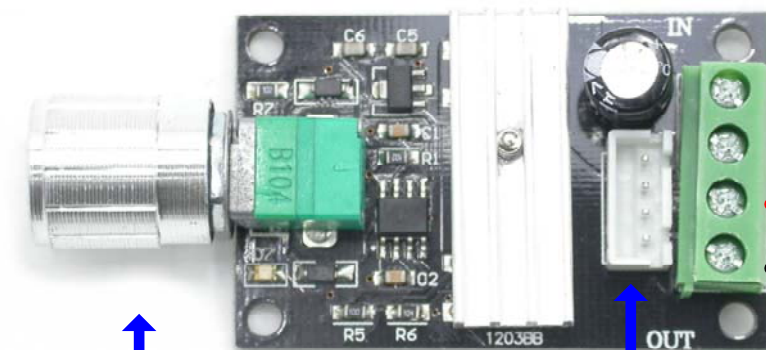
**Fixing:** 4 x M3 clearance holes @ 26 + 44mm (L x W mm) matrix (pitch)

**Weight:** 32 gms

## Package & Options include:

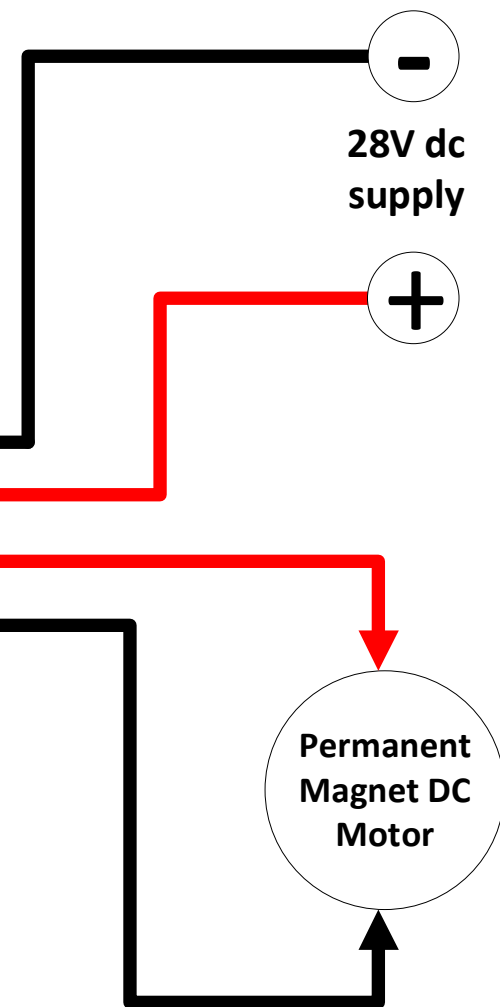
1 x 24Vdc 1~4A mains operational power supply.

1203BB



Variable Control  
+ On/Off Switch

Forward~Reverse  
Switch Connector



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