

PWM DC Motor Variable Speed Controller

Type: **2A-12DC-30W-1805BK**



DRAFT

General Data

Description: DC motor pulse-width-modulated variable-voltage speed controller suitable for permanent-magnet DC motors up to 12Vdc and 30Watts.

Brand: CASA (OEM = ???)

Model: 2A-12V-30W-1803BK-201505-V2

Input: 2.2~ 12Vdc (not more than 13V depending on ambient temperature and duty-conditions)

Output voltage: 1.8V ~ 12V (PWM adjustable)

Output current: up to 2A (see IC data sheet for details)

Output power: recommended use below 30W

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

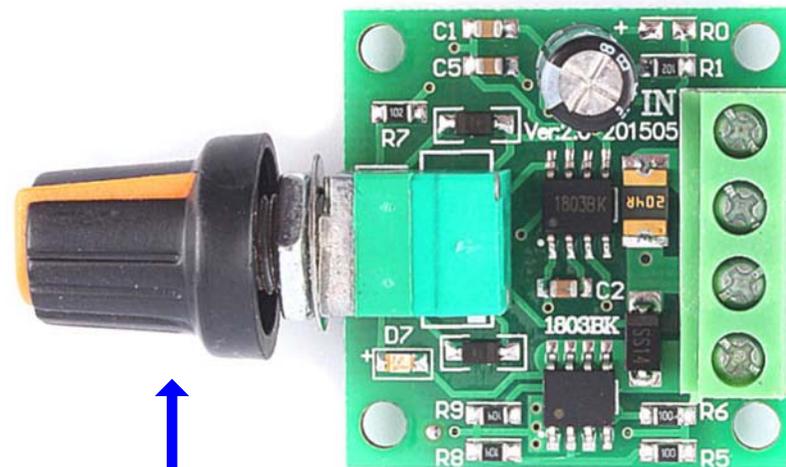
Fixing: 4 x M3 clearance holes @ 26mm (L x W mm) matrix (pitch)

Weight: 16 gms

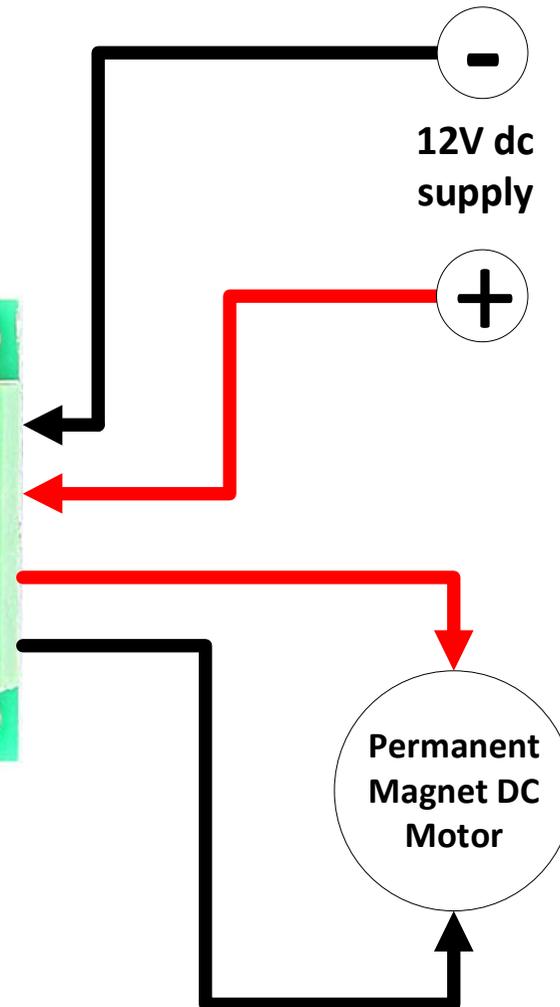
Package & Options include:

1 x 12Vdc 1~2A mains operational power supply.

1805BK



Variable Control
+ On/Off Switch



NOTICE – the information on this page is not guaranteed for accuracy – CASA accepts no responsibility (neither expressed nor implied) for any errors or the consequence therefrom.