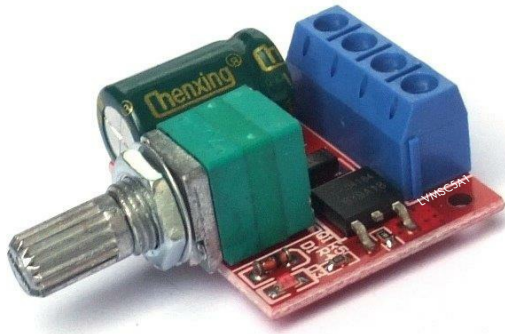


Logistic Technical Services

Title:	5A Low Voltage Motor Speed Controller
Model:	LVMSC5A1
Updated:	20/04/22



- Pulse Width Modulation Control
- Operating Voltage :4.5 to 35Vdc
- Output Current: 5A max
- PWM Duty Cycle: 1 to 100%
- On/Off & Rotary Speed adjustment

Description:

A small, low voltage, motor speed controller using Pulse Width Modulation (PWM) for an accurate and regulated speed. The duty cycle of the PWM is fully adjustable between 1 and 100% via a rotary control which also includes an On / Off switch. A compact design allow the unit to be incorporated into any small project, making it ideal for model makers, industry, display projects or the hobbyist.

Specifications:

PCB Size: 30 x 26 x 14mm (exc Shaft)
Mounting Holes: 2mmØ x2 on 25mm centres
Weight: 14g
Input Voltage: 4.5 to 35V DC
Output Power (max): 90W
Output Current (max): 5A
Quiescent Current: 7µA
PWM Frequency: 20Hz

Notes:

Low voltage Direct Current (DC) input only, not suitable for 220V AC operation. Correct DC polarity must be observed for the input, if your motor rotates in the opposite direction, reverse the output wiring.

Installation & Operation:

Connect a DC supply voltage to the "V + " & "V - " terminals **!! Correct Polarity !!**

Connect your motor to the "M + " & "M - " terminals.

Turn On the controller by rotating the shaft clockwise, and adjust the speed by continuing to rotate the control.

