ED-DCMC-4M-LS-24 WIRELESS REMOTE CONTROL

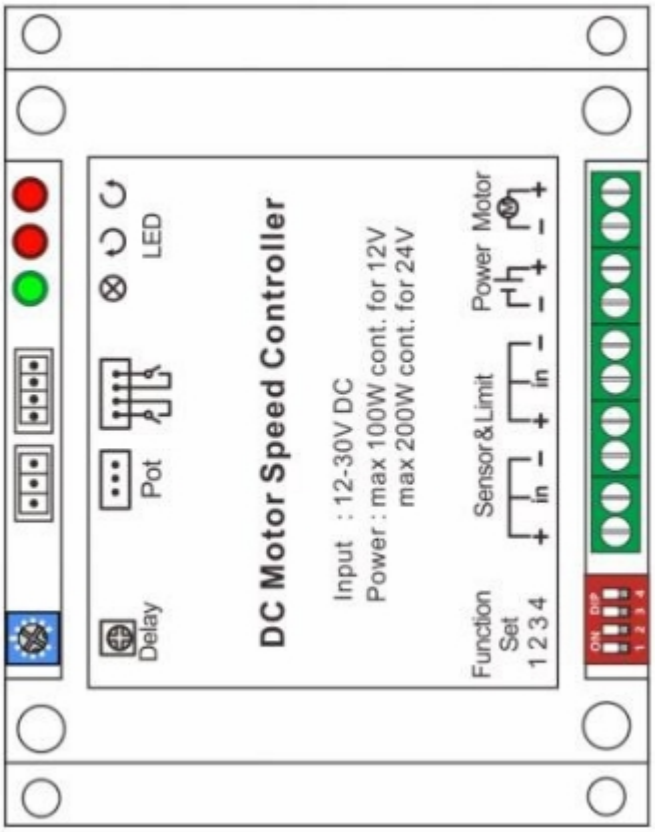
FEATURES

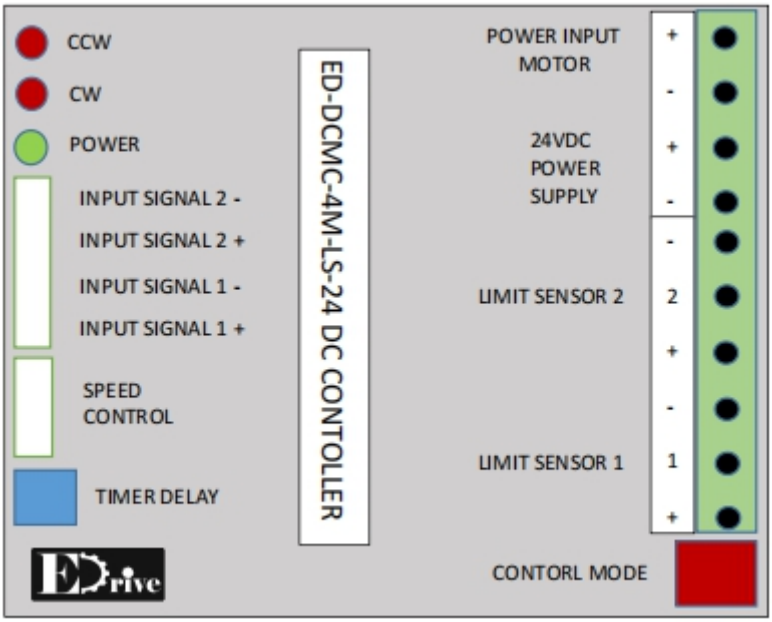
CCM7N6 Multifunctional DC Motor Speed Controller can achieve simple automatic functions. It can adapt to a wide DC low voltage operating range and it's suitable for SCM, PLC and other upper control. It owns powerful function, stable performance and beautiful appearance.

- Provides variable speed capability for DC motor
- Provides limit function
- Motor achieves positive and reverse rotation automatically
- Controller, potentiometer and 4P connecting lines includes

SPECIFICATION

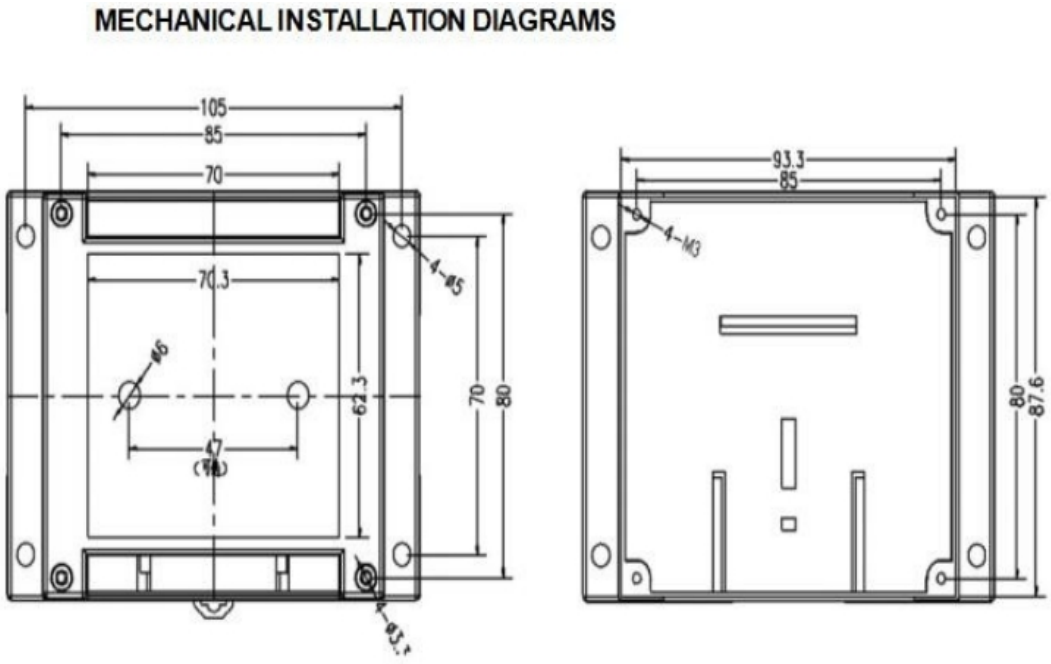
Item size : 4.53*3.54*1.57 inches
Net Weight : 0.45lb



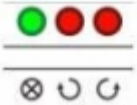


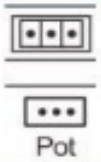
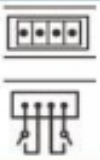
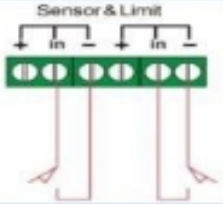
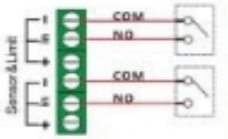
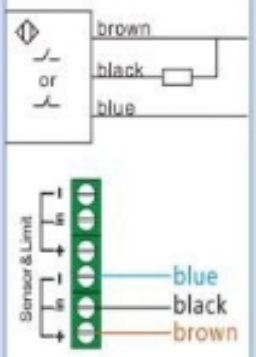
DC MOTOR SPEED CONTROLLER
INPUT : 12-30 V DC POWER
POWER : max 100w cont. For 12v
max 200w cont. For 24v

MECHANICAL INSTALLATION DIAGRAMS



OPERATING INSTRUCTIONS

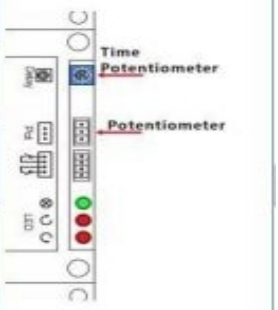
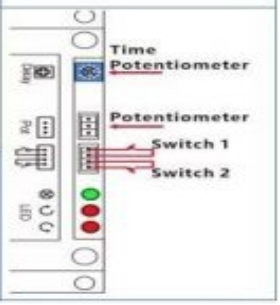
Program	Diagram	Interface Function
Power	Power − + 	Connect DC power as the diagram. Can used DC power, battery lead-acid cell, DC output transformer etc. Input voltage: 12-30V DC power supply >=1.3 times of the motor power
Motor	Motor − + 	Connect brushed DC motor as the diagram Motor power: max 100W cont. for 12V max 200W cont. for 24V
LED Lights	 LED	Power LED: power on, green LED lights; Direction LED: Red LEDs indicate the speed and direction of the motor

Potentiometer		Connect 10K or 100k potentiometer. Adjust the speed of DC motor
Signal Input Pin		Connect two manual switches to control the direction of motor
Limit Input Pin		Connect limit switches to achieve limit function
		Connect mechanical stroke switch (micro switch) to achieve limit function
		Connect photoelectric switch; proximity switch; hall switch (NPN normal open type) to achieve the limit function

PARAMETER SETTING

FUNCTION SET

After setting the "Function set", power up again, then it is in the state of setting.
Potentiometer adjust speed: 0-100%
Time potentiometer adjust "n" time

NO.	Function Set Status	Function Description	Input Pins Mode Of Connection
2		Positive rotation for "n" seconds, stop for **0. 5s**; Reverse rotation for "n" seconds, stop for **0.5s.** Cyclic control. ("n"=**0s-10s**)	
3		positive rotation for "n" seconds ,stop for **0.5s**; reverse rotation for "n" seconds ,stop for **0.5s** Cycle control ("n"=**10-20s**)	
4		Positive rotation for "n" seconds ,stop for **1s**; Reverse rotation for "n" seconds ,stop for **1s** Cycle control ("n"=**0-10s**)	
5		Positive rotation for "n" seconds ,stop for **1s**; Reverse rotation for "n" seconds ,stop for **1s** Cycle control (n=**10-20s**)	
6		Positive rotation for "n" seconds ,stop for **2s**; Reverse rotation for "n" seconds ,stop for **2s** Cycle control (n=**0-10s**)	
7		Positive rotation for "n" seconds ,stop for **2s**; Reverse rotation for "n" seconds ,stop for **2s** Cycle control (n:**10-20s**)	
8		Press switch 1, positive rotation for "n" seconds then stops; press switch 2, reverse rotation for "n" seconds then stop (n: **0.1-10s**).	
9		Press switch 1, positive rotation till release switch 1; Press switch 2, reverse rotation till release switch 2;	

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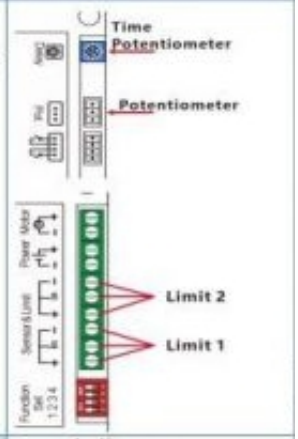
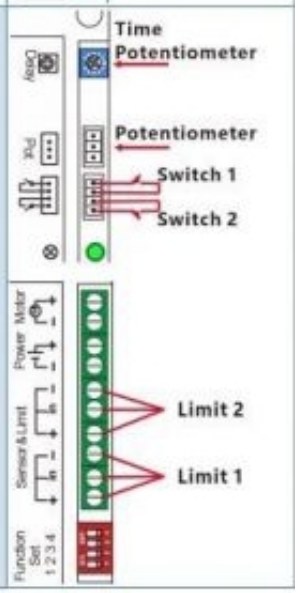
10		Power up, Positive rotation to **limit 1** ,stop for "n" seconds; Then reverse rotation to **limit 2** ,stop for "n" seconds; Cycle control (n=**0-10s**)	
11		Press start button (switch 1), positive rotation to limit 1, stop for "n" seconds, then reverse rotation to limit 2, stop for "n" seconds, Cycle control. (n=**0.1-10 s**) Press rest button (switch 2), motor return to limit 2.	

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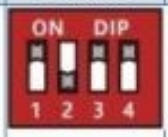
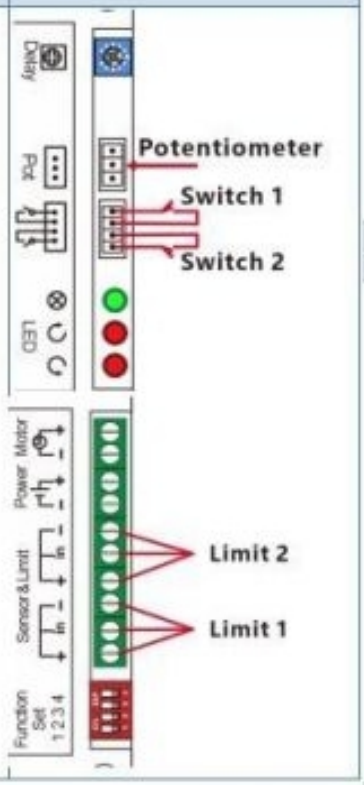
12		Presses switch 1, positive rotation to the corresponding limit switch then stop; Presses switch 2, reverse rotation to the corresponding limit switch then stop.	

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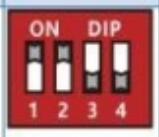
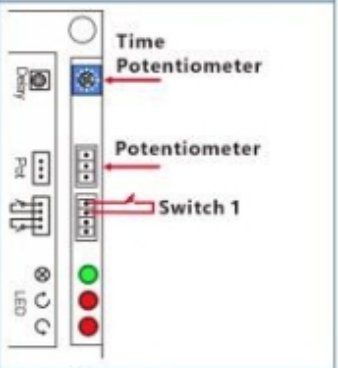
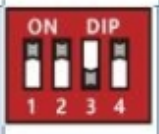
13		Press start button (switch 1). Positive rotation for "n" seconds; Stop for "n" seconds; Then reverse rotation for "n" seconds. (n=**0.1-10 s**) In operation, the switch 1 is not valid.	
14		Press start button (switch 1). Positive rotation to limit 1,stop for "n" seconds; Then reverse rotation to limit 2, and stop. (n=**0.1-10 s**) In operation, the switch 1 is not valid.