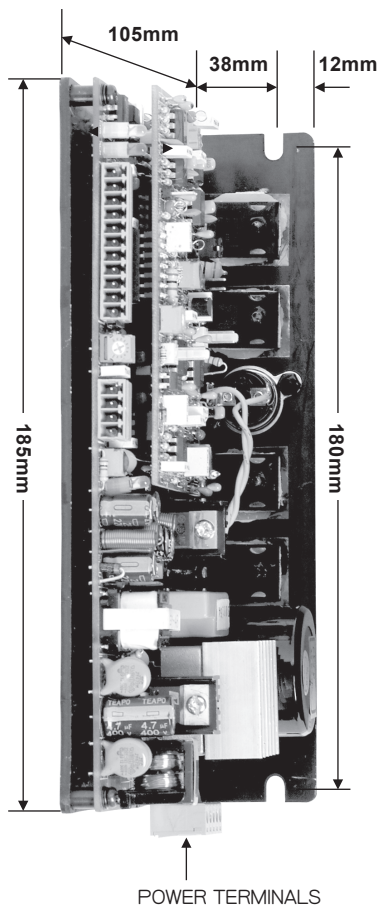


DC SERVO Motor Driver (V Command)

Operation Instructions

CDS-EPLN-C



MADE IN TAIWAN



TABLE OF SPECIFICATIONS

Spec

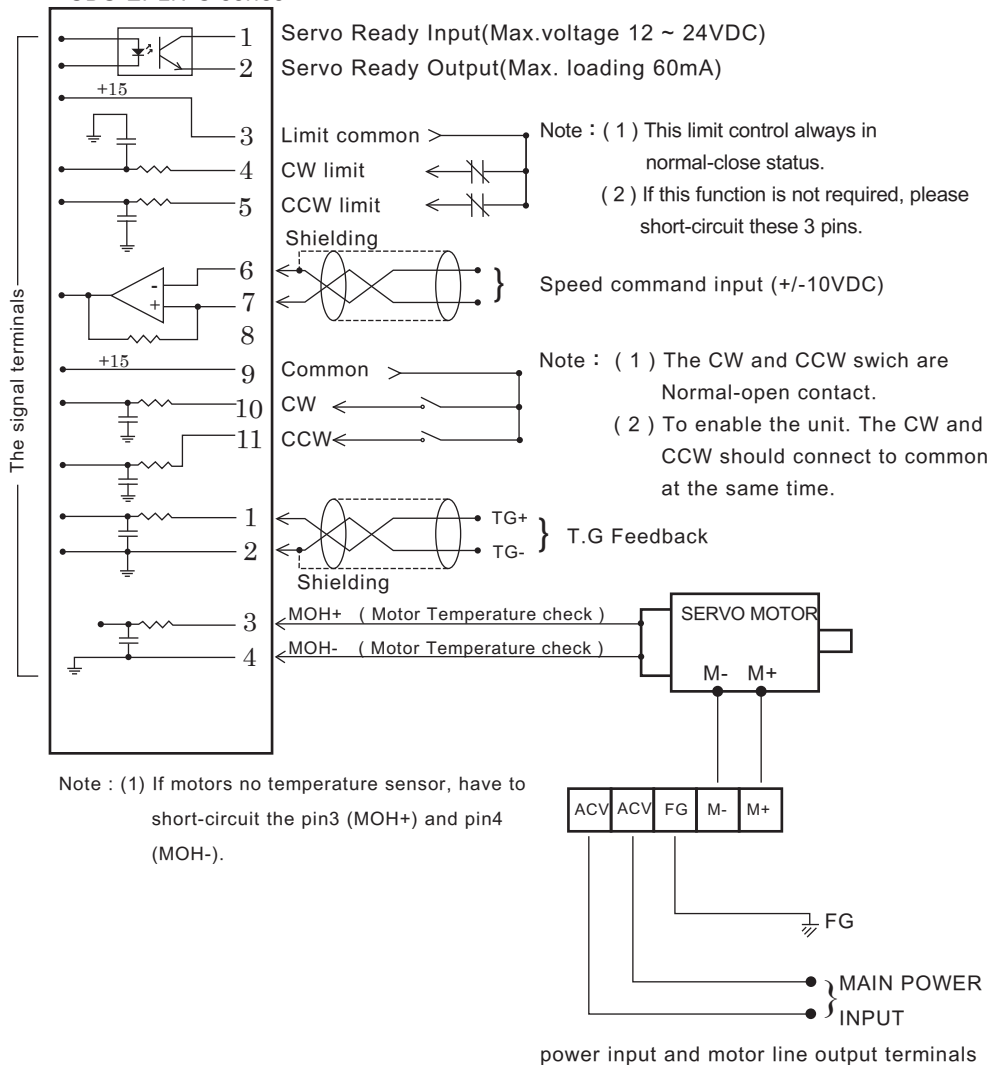
MODE SPEC	CDS-EPLN-C											
TYPE	0324~0315				0524~0515				0724~0715			
INPUT VDC	24V	48V	100V	150V	24V	48V	100V	150V	24V	48V	100V	150V
INPUT VAC	18V	36V	70V	110V	18V	36V	70V	110V	18V	36V	70V	110V
CONT.CURRENT RMS(A)	3				5				7			
PEAK CURRENT PEAK(A)	7				12				16			

NOTE :

- The input voltage Max. permissible range $\pm 15\%$

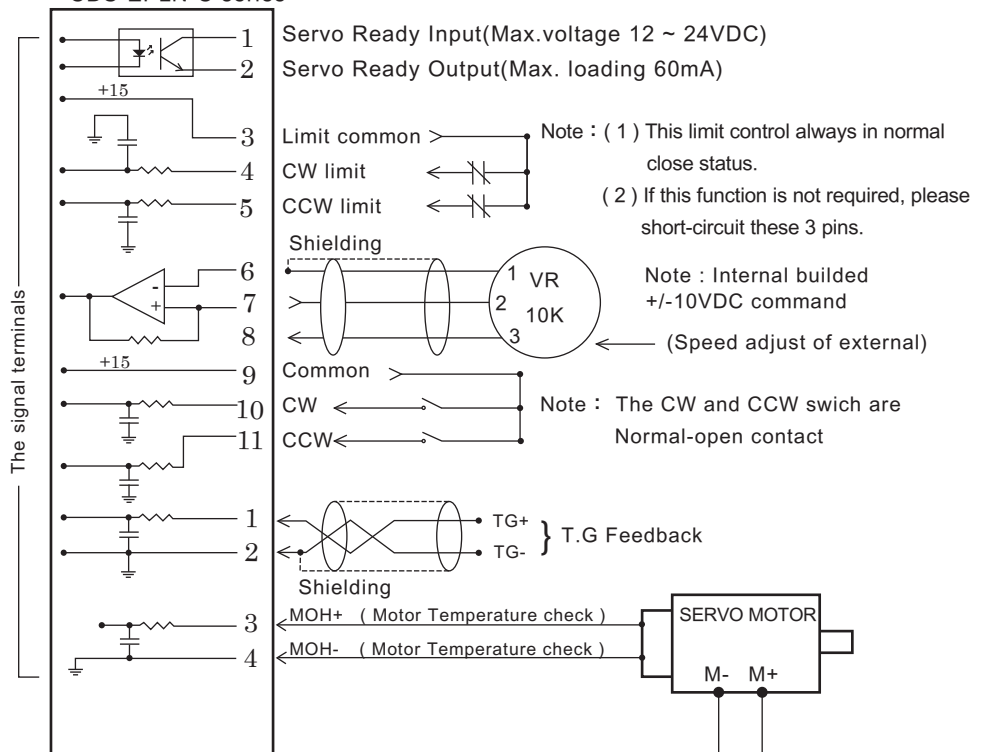
THE WIRING DIAGRAM OF EXTERNAL SPEED COMMAND

CDS-EPLN-C series



THE WIRING DIAGRAM OF INTERNAL SPEED COMMAND

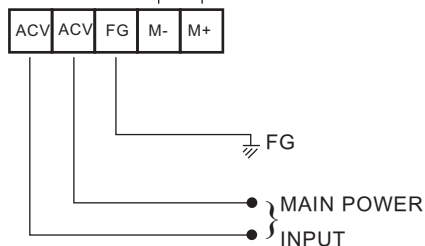
CDS-EPLN-C series



Note : (1) If motor no temperature sensor, have to short-circuit the pin3 (MOH+) and pin4 (MOH-).

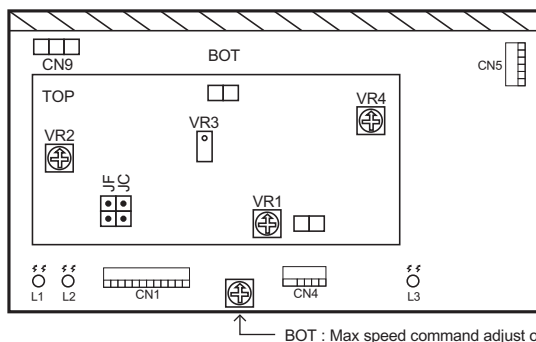
(2) When CW connects with common, it drivers motor clockwise.

(3) When CCW connects with common, it drivers motor counter clockwise.



power input and motor line output terminals

ADJUSTMENT AND LED INDICATOR INSTRUCTIONS



Note :

● **TOP : VR1 AC.G Dynamic respond adjustment**

When V command is setup to zero, the motor shall be in holding status, but motor has humming sound, it is due to motor is dynamic gain being too high. Please adjust AC.G in counterclockwise direction until the humming sound stops.

● **TOP : VR2 Accelation/Decelation adjustment**

When using internal $\pm 10V$ speed command driver, adjust the VR to help moving smoothly. (Adjust clockwise will be smooth; Adjust counterclockwise will be not smooth. The function works when short-circuit put in JF.)

● **TOP : VR3 OFFSET OR ZERO adjustment**

When V command is setup to zero, the motor shall be in holding status, If rotation still occurs, the setting knob shall be adjusted either in CW or CCW direction to set motor's speed to be zero.

● **TOP : VR4 OVERLOAD adjustment**

Don't adjust.

● **BOT : Max speed adjust on panel**

Can limited to Max. speed command, adjustment range $\pm 5 \sim 10VDC$.

LED indicator instructions :

L3 . Power in indicator

L1 . Driver enabling indicator

L2 . Driver alarm indicator and its reason as follows:

a. Over loading	Reason : overloading for a long-period of time
b. Feedback failed	Reason : feedback wiring disconnected
c. Overheated of driver or motor	Reason : When driver or motor $80^{\circ}C$ over