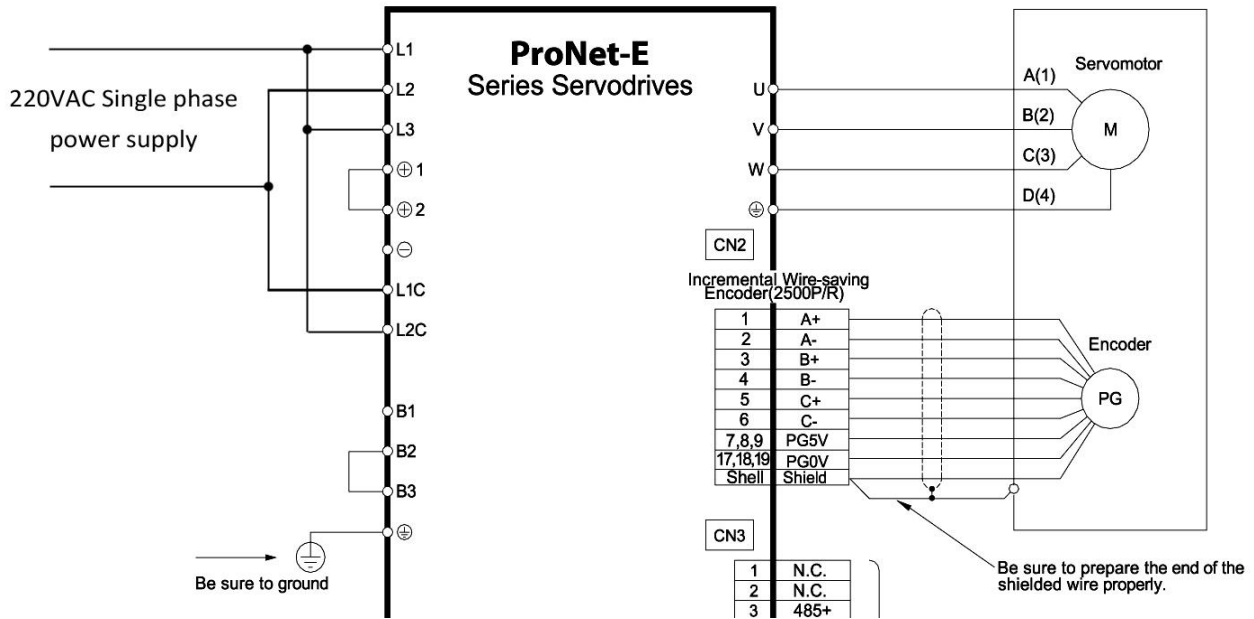


# GUIDANCE NOTE BEFORE USING PRONET FOR THE FIRST TIME

## 1. WIRING

For all ProNet Series below 2kW, single phase power supply is available:



## 2. POSSIBLE ALARM

### 2.1. Mismatching encoder type setting

Normally, when you use ProNet servo systems with incremental or resolver, an alarm could happen because the default setting in the servo drive is to match a servomotor with incremental encoder. The way to solve this problem is as below:

Alarm A52:

Please switch to Pn840 and press enter. Revise the first figure on the right to 4 (which was probably 3, and 3 is for absolute encoder and 4 for incremental encoder).

From the right to the left there are 5 small cubic windows like



and we call them bit 0, 1, 2, 3, 4 from the right to the left, so this time please revise the bit 0.

Power off and then reboot.

### 2.2. Mismatching motor type:

One ProNet Series, for example, ProNet-10AMA, could be matched with EMG10 and EML10. The setting needs to be different when you need to match different servomotor with the same servo drive.

Please revise Pn005.3:

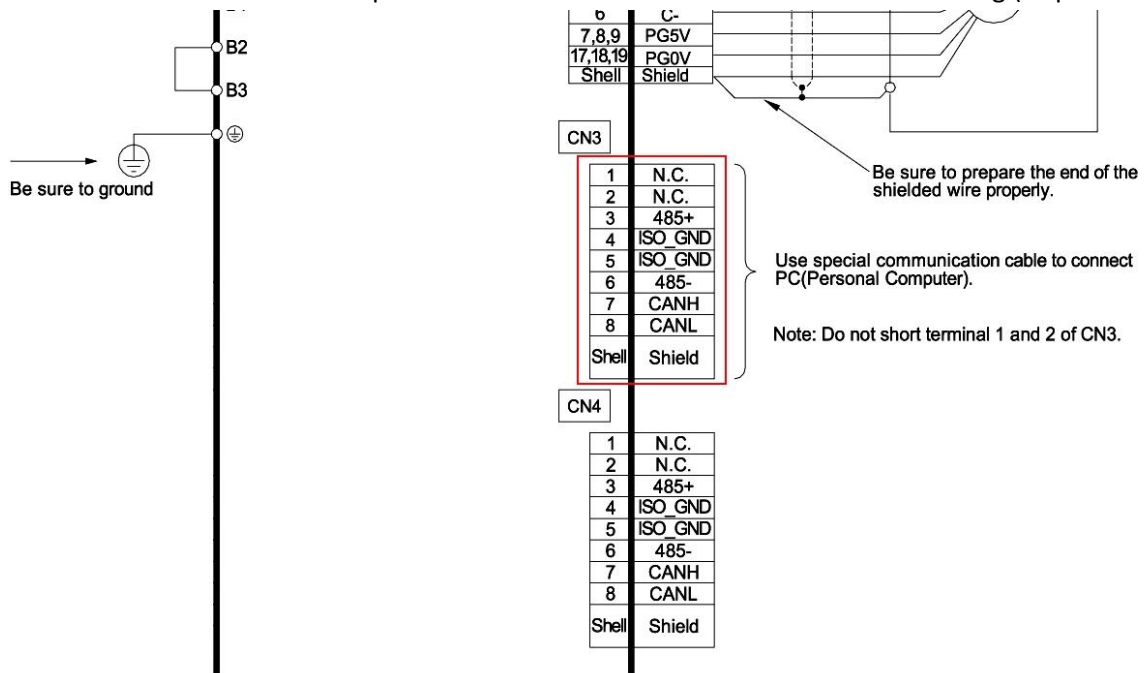
- 0 ----- EMJ servomotor
- 1 ----- EMG servomotor
- 2 ----- EML servomotor
- 3 ----- EMB servomotor

## 3. PROFIBUS-DP MODULE ENABLED

You could remove the DP-100 module for Profibus function when you don't need it. You will need to set parameter Pn006.0 as 0:

- 0 ----- No Bus
- 1 ----- DPV0/V1
- 2 ----- DP V2
- 3 ----- CANopen

4. If CANopen function is needed, please set Pn006.0 to 3. Besides, about the wiring, please notice that: From the top to the bottom, the wiring of CN3 is 8, 7, 6, 5, 4, 3, 2, 1. In our Product brochures, the wiring arrangement is from 1 to 8 from the top to the bottom. You need to reverse it before wiring (so pin1 is lower).



## 5. PARAMETER DEFINITION

motor	drive	Pn840.2	Pn840.0			Pn005.3
			17bit absolute encoder	17bit incremental encoder	resolver	
EMJ-02A_A	PRONET-02A	0	3	4	5	0
EMJ-04A_A	PRONET-04A	1	3	4	5	0
EMJ-08A_A	PRONET-08A	2	3	4	5	0
EMJ-10A_A	PRONET-10A	3	3	4	5	0
EMG-10A_A	PRONET-10A	3	3	4	5	1
EMG-15A_A	PRONET-15A	4		4	5	1
EMG-20A_A	PRONET-20A	5	3	4	5	1
EMG-30A_A	PRONET-30A	6	3	4	5	1
EMG-50A_A	PRONET-50A	7	3	4	5	1
EML-10A_A	PRONET-10A	3	3	4	5	2
EML-20A_A	PRONET-20A	5	3	4	5	2
EML-30A_A	PRONET-30A	6	3	4	5	2
EML-40A_A	PRONET-50A	7	3	4	5	2
EMB-75D_A	PRONET-75D	8	3	4	5	3
EMB-1AD_A	PRONET-1AD	9	3	4	5	3
EMB-1ED_A	PRONET-1ED	A	3	4	5	3