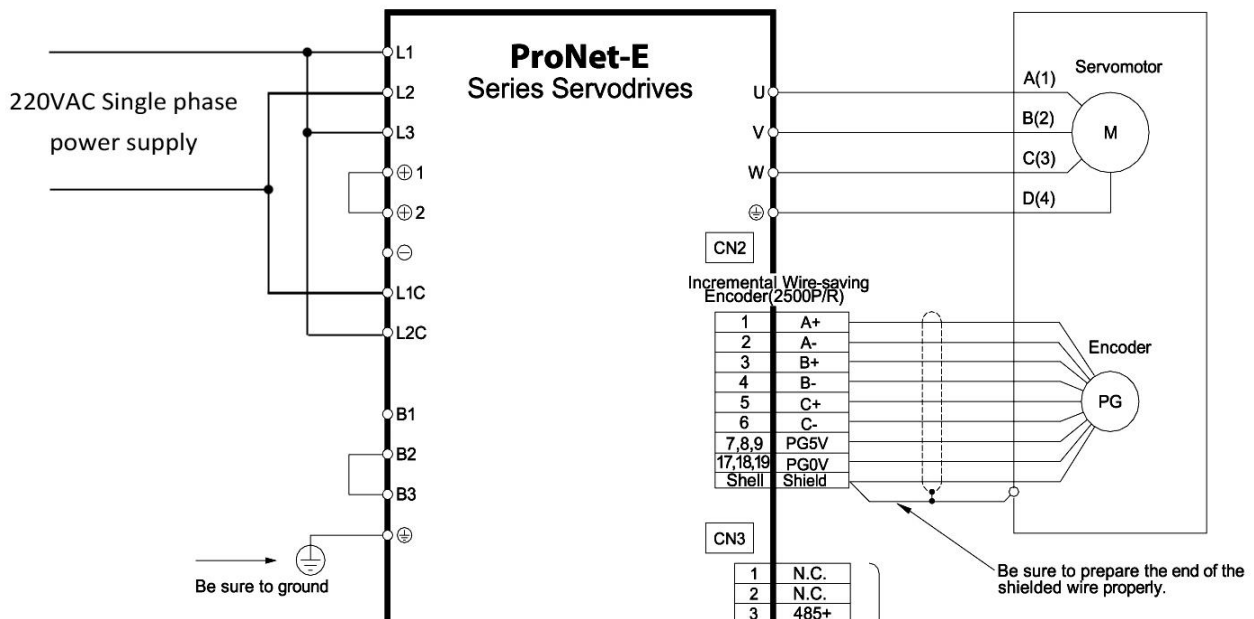


GUIDANCE NOTE BEFORE USING PRONET FOR THE FIRST TIME

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. PARAMETER DEFINITION

Servomotor model

Parameter No.	EMJ	EMG	EML	EMB
Pn005.3	0	1	2	3

Encoder model

Parameter No.	17bit absolute encoder	17bit incremental encoder	resolver	wire-saving incr. encoder
Pn840.0	3	4	5	6

Servomotor designing sequence

Parameter No.	EM□-□□□□A	EM□-□□□□B
Pn840.1	0	1

Servodrive model

Parameter No.	0.05 kW	0.1 kW	0.2 kW	0.4 kW
Pn840.2	E	F	0	1
Parameter No.	0.75 kW	1.0 kW	1.5 kW	2.0 kW
Pn840.2	2	3	4	5
Parameter No.	3.0 kW	5.0 kW	7.0/7.5 kW	11.0 kW
Pn840.2	6	7	8	9
Parameter No.	15.0 kW	22.0 kW		
Pn840.2	A	B		

4. 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

5. 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).

