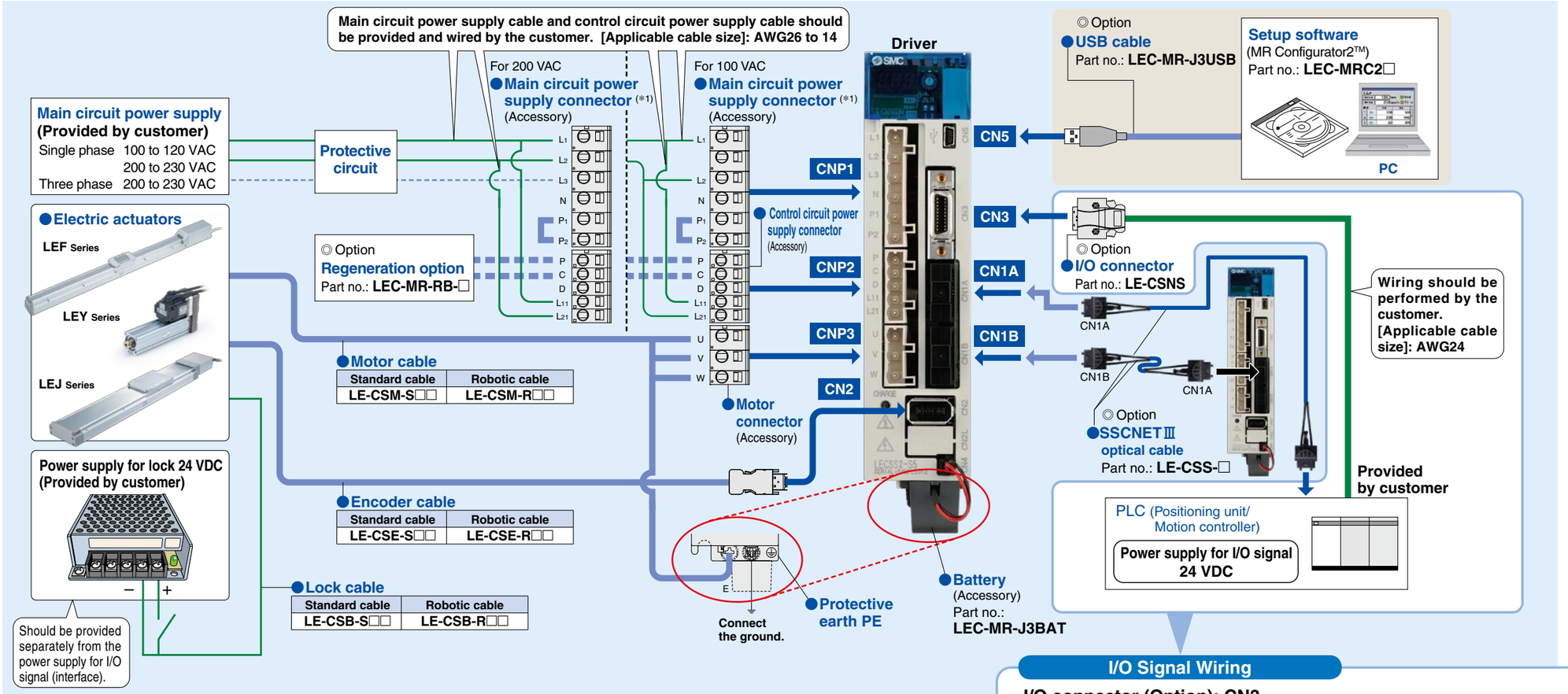
Wiring Method for LECSS

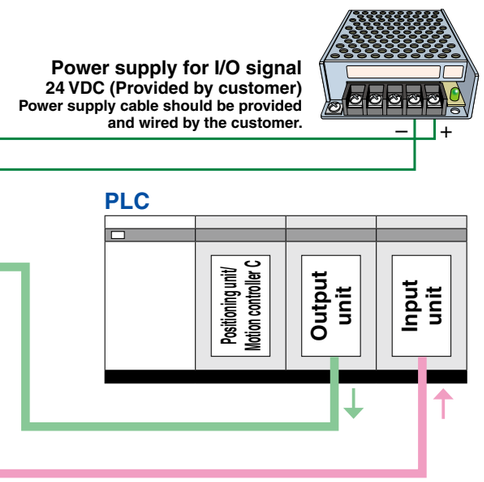


I/O Signal Wiring

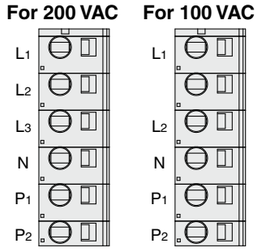
I/O connector (Option): CN3

Pin no.	Signal name	
5	DICOM	Digital I/F power supply input
10		
3	DOCOM	Digital I/F common
1	LG	Control common
11		
2	DI1	(Set by PLC.)
12	DI2	
19	DI3	
20	EM1	∗ Forced stop
9	INP	In position
13	MBR	Electromagnetic brake interlock
15	ALM	∗ Failure Note 1)
3	MO1	Analog monitor 1
14	MO2	Analog monitor 2
6	LA	A-phase pulse encoder (Differential line driver)
16	LAR	
7	LB	B-phase pulse encoder (Differential line driver)
17	LBR	
8	LZ	Z-phase pulse encoder (Differential line driver)
18	LZR	

The ∗EM1 and ∗ALM are negative logic.
Signal assignments are those in the initial setting status.



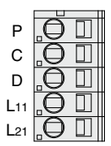
For 200 VAC / For 100 VAC



Main Circuit Power Supply Connector (Accessory): CNP1

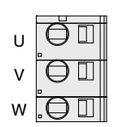
Terminal name	Function	Details
L1 L2 L3	Main circuit power supply (*1)	Connect the main circuit power supply. LECSS1: Single phase 100 to 120 VAC, 50/60 Hz Connection terminal: L1, L2 LECSS2: Single phase 200 to 230 VAC, 50/60 Hz Connection terminal: L1, L2 LECSS2: Three phase 200 to 230 VAC, 50/60 Hz Connection terminal: L1, L2, L3
N	Do not connect.	
P1, P2	Connect between P1 and P2. (Connected at time of shipping.)	

(∗1) The position of the connection terminal L2 is different between the LECSS1 and LECSS2.



Control Circuit Power Supply Connector (Accessory): CNP2

Terminal name	Function	Details
P, C, D	Regeneration option	Terminal to connect regeneration option. When the built-in regenerative resistor of the driver is used, connect between P and D. (Connected at time of shipping.) When regeneration option is connected, remove the wiring between P and D, and connect the regeneration option to P and C.
L11, L21	Control circuit power supply	Connect the control circuit power supply. LECSS1: Single phase 100 to 120 VAC, 50/60 Hz Connection terminal: L11, L21 LECSS2: Single phase 200 to 230 VAC, 50/60 Hz Connection terminal: L11, L21 LECSS2: Three phase 200 to 230 VAC, 50/60 Hz Connection terminal: L11, L21



Motor Connector (Accessory): CNP3

Terminal name	Function	Details
U	Servo motor power (U)	Connect to motor cable (U (Red), V (White), W (Black)).
V	Servo motor power (V)	
W	Servo motor power (W)	

Note) ——: Provided by customer.