Electric Actuators Controller/Driver

**Wiring Method for LECSS-T**

Main Circuit Power Supply Connector (Accessory): CNP1
- L1: Main circuit power supply
- L2: Main circuit power supply
- L3: Main circuit power supply
- N*: Do not connect
- P3, P4: Connect between P3 and P4. (Connected at time of shipping.)
- L3, L2, L1: Connect to motor cable (U (Red), V (White), W (Black)).
- U: Servo motor power (U)
- V: Servo motor power (V)
- W: Servo motor power (W)

Control Circuit Power Supply Connector (Accessory): CNP2
- P, C, D: Regeneration option
- L11, L21, L3: Control circuit power supply
- L11: Connect the ground.
- Power supply cable should be provided by the customer. (Applicable cable size: AWG18 to 14)

Motor Connector (Accessory): CNP3

I/O connector (Option): CN3
- Pin no. | Signal name
---|---
5 | DICOM Digital I/F power supply input
3 | DOOGM Digital I/F common
1 | LG Control common
2 | DI1
12 | DI2 (Set by PLC.)
19 | DI3
20 | EM2 - Forced stop 2
9 | INP In position
13 | MBR Electromagnetic brake interlock
15 | ALM - Failure
3 | MO1 Analog monitor 1
14 | MO2 Analog monitor 2
6 | LA A-phase pulse encoder (Differential line driver)
16 | LAR B-phase pulse encoder (Differential line driver)
7 | LB B-phase pulse encoder (Differential line driver)
17 | LBR
8 | LZ C-phase pulse encoder (Differential line driver)
18 | LZR

Note: +EM2 and +ALM are negative logic. Signal assignments are those in the initial setting status.