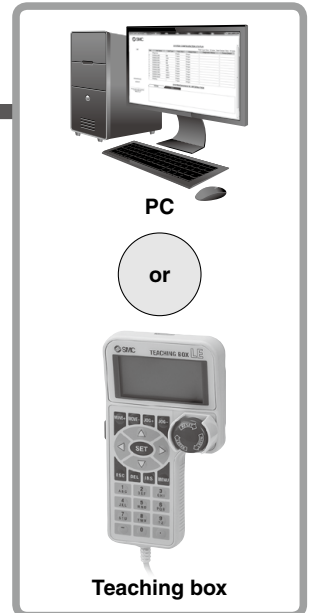
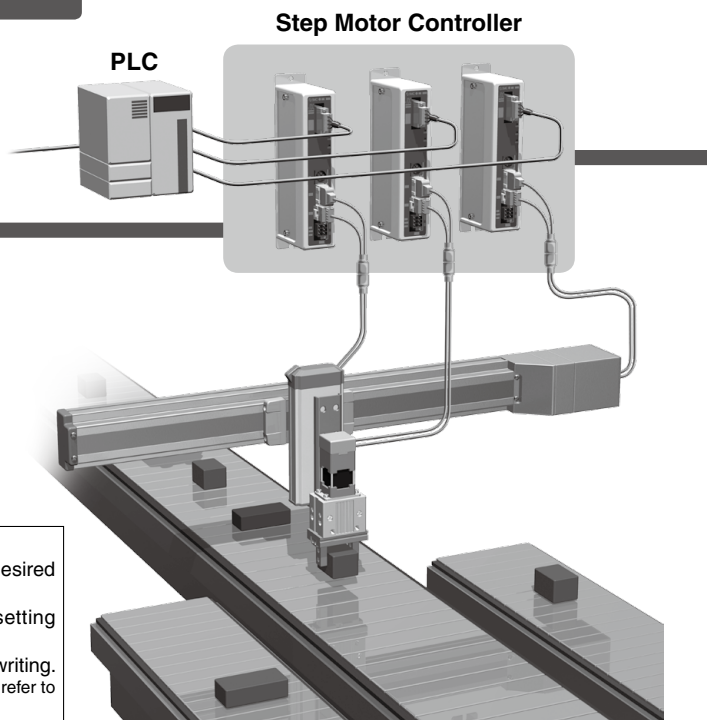
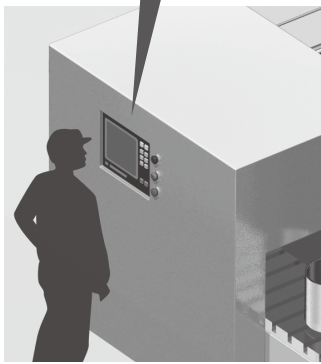


Step Motor Controller with Step Data Teaching Function

- Neither a **PC** nor a **teaching box** is required for adjusting the position of step data.
- With a **JOG** function for parallel input signals



The position of step data can be adjusted by touch panel.



For the setting of other step data items and parameters

[Setting Procedure]

- Instruct the controller to move to the desired stopping position by JOG signal.
 - Select the desired step number by setting the signals from IN0 to 4.
 - Set the write signal "WRST" to ON for writing.
- * For further details on the setting procedure, refer to the operation manual.

How to Order

LECP6N - -XB120

Controller

Compatible motor

P	Step motor (Servo/24 VDC)
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Parallel input/output

N	NPN
P	PNP

I/O cable length [m]

Nil	Without cable
1	1.5
3	3
5	5

Option

Nil	Screw mounting
D*1	DIN rail mounting

*1 The DIN rail is not included. It must be ordered separately.

• With step data teaching function (Step data: 32 points)

• Actuator part number

Without cable specifications and actuator options
Example: Enter "LEFS16A-400" for the LEFS16A-400B-R16N1.

LECP6-XB120



LECP6-XB120

Specifications not listed are the same as those of the standard product.
For details, refer to the **Web Catalog**.

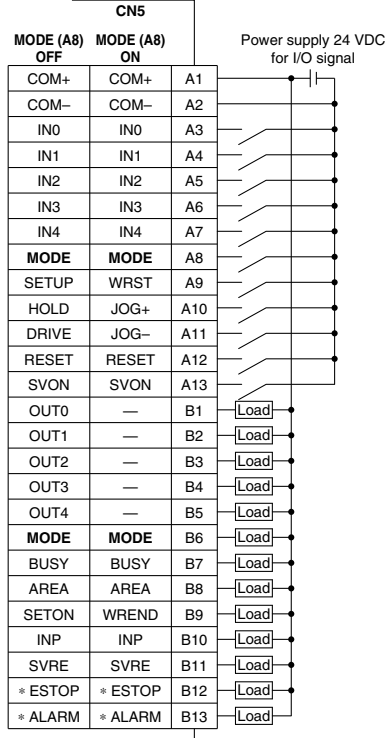
Wiring Example

Parallel I/O connector: CN5

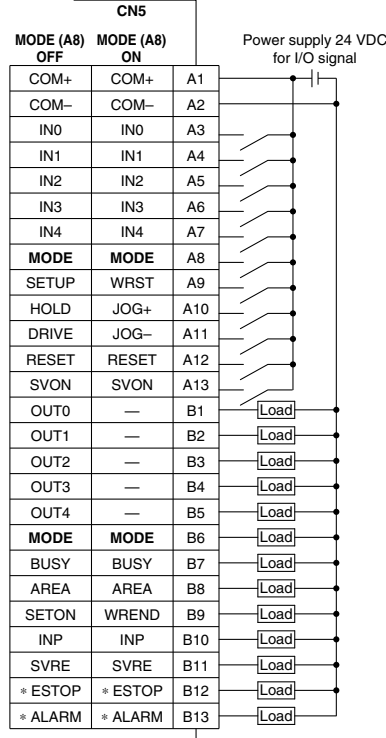
- * When you connect a PLC to the CN5 parallel I/O connector, use the I/O cable (LEC-CN5-□).
- * The wiring changes depending on the type of parallel I/O (NPN or PNP).

Wiring diagram

LECP6N□□ (NPN)-XB120



LECP6P□□ (PNP)-XB120



Input Signal

Name	Details
COM+	Connects the power supply 24 V for input/output signal
COM-	Connects the power supply 0 V for input/output signal
IN0 to IN4 (Step data: 32 points)	Step data specified bit no. (Input is instructed by combining IN0 to 4.)
SETUP	Instruction to return to origin
HOLD	Temporarily stops operation
DRIVE	Instruction to drive
RESET	Resets alarm and interrupts operation
SVON	Servo ON instruction

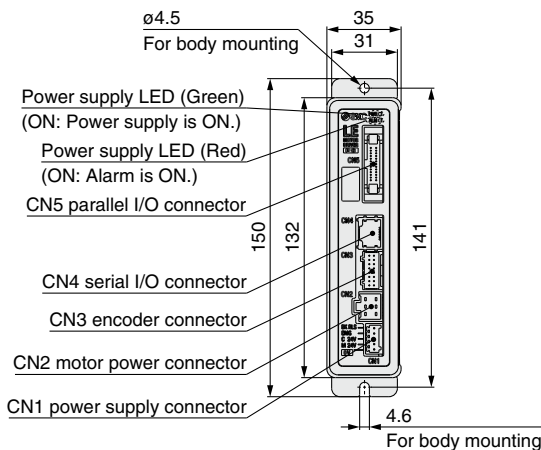
Output Signal

Name	Details
OUT0 to OUT4	Outputs the step data no. during operation
BUSY	Outputs when the actuator is moving
AREA	Outputs within the step data area output setting range
SETON	Outputs when returning to origin
INP	Outputs when target position or target force is reached (Turns on when the positioning or pushing is completed.)
SVRE	Outputs when servo is ON
* ESTOP*1	OFF when EMG stop is instructed
* ALARM*1	OFF when alarm is generated

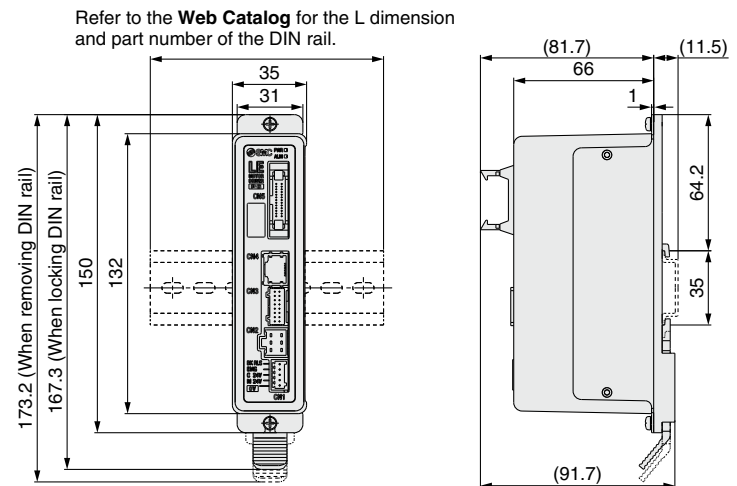
*1 Negative-logic (N.C.) circuit signal

Dimensions

a) Screw mounting (LECP6□□-XB120)



b) DIN rail mounting (LECP6□□D-XB120)



⚠ Safety Instructions Be sure to read the "Handling Precautions for SMC Products" (M-E03-3) and "Operation Manual" before use.