



SWITCHOVER DOCUMENT

JXC51/61 Incremental encoder

Feature:

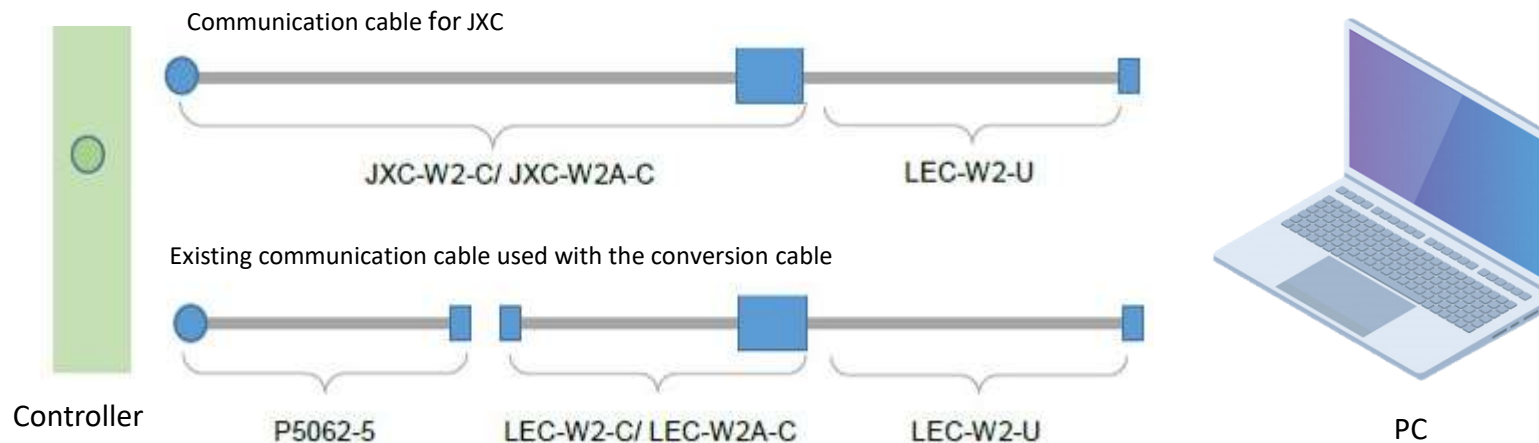
- Different communication connector

Customer Benefit:

- Connector with a common use in the market, it guarantees a good connection in a reliable way in a long term

Item	Specifications	
	LECP6	JXC51/61
Connector type	RJ45 connector	M12 Circular connector
Setting software	ACT Controller (V1.1.0.)	
Communication cable	LEC-W2-C	LEC-W2-C, LEC-W2A-C + P5062-5 ¹⁾
USB cable	LEC-W2-U	
Teaching box	LEC-T1-3□ G□	LEC-T1-3□ G□ 1)

1) JXC51/61 require P5062-5 conversion cable, this connector is different from the LEC controller



Improved features and related benefits

Feature:

- Improved operating temperature

Customer Benefit:

- Increases the range of applications where it can be installed

LECP6



Operating temperature range:
0 to 40 °C (No freezing)

JXC51/61



Operating temperature range:
0 to 55 °C (No freezing)

Feature:

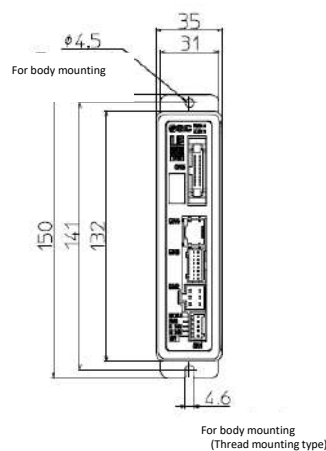
- Same outside dimension

Customer Benefit:

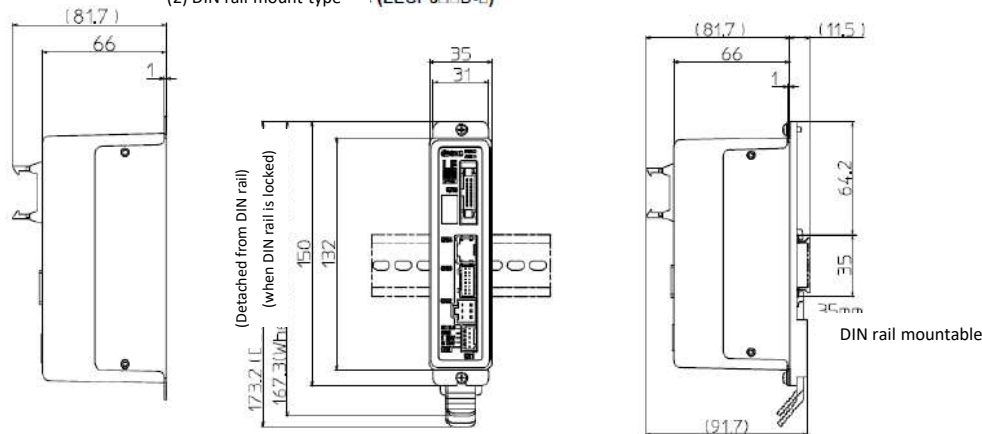
- JXC51/61 can be fitted in exactly the same place as a LECP6

LECP6

(1) Screw mount type (LECP6□□-□)

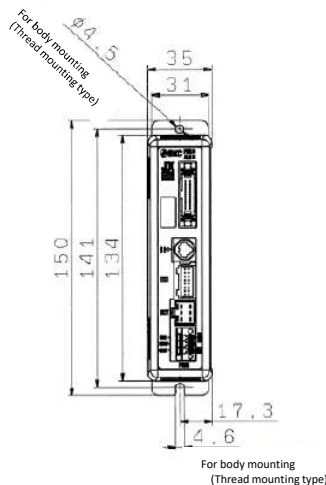


(2) DIN rail mount type (LECP6□□D-□)

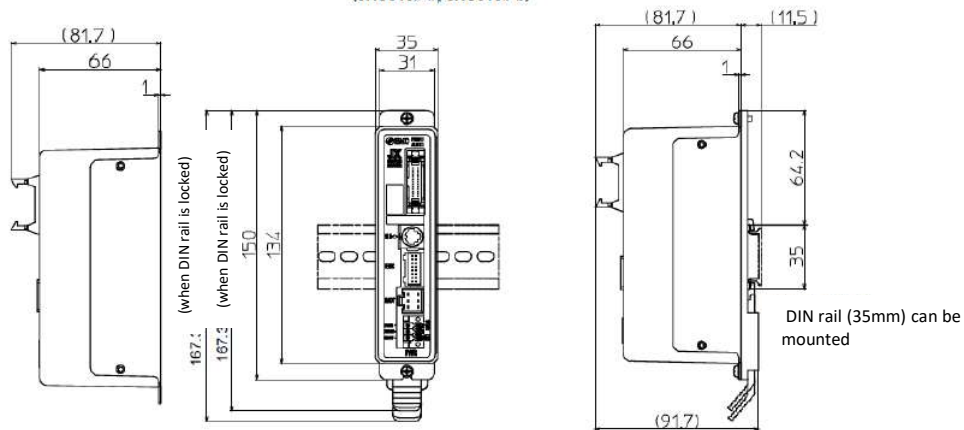


JXC51/61

(1) Screw mount type (JXC517#-#, JXC617#-#)



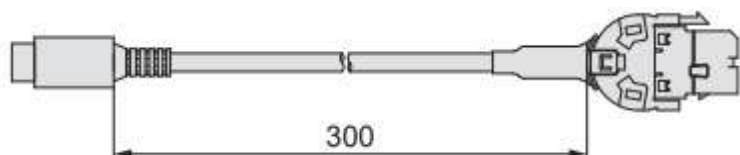
(2) DIN rail mount type (JXC518#-#, JXC618#-#)



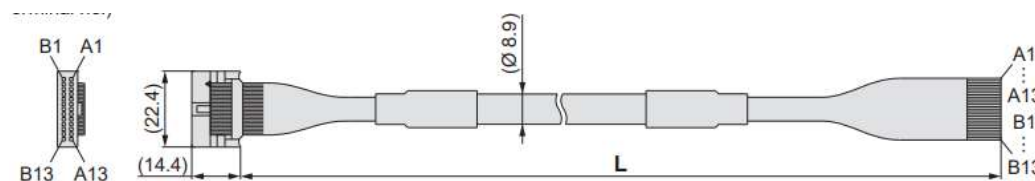
Accessories

Accessories	JXC51/61
Communication cables	JXC-W2A-C
USB cable	LEC-W2-U
Conversion cable (Cable length: 300 mm)	P5062-5
I/O cable	LEC-CN5-□

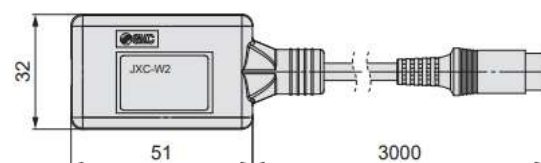
Conversion cable



I/O Cable



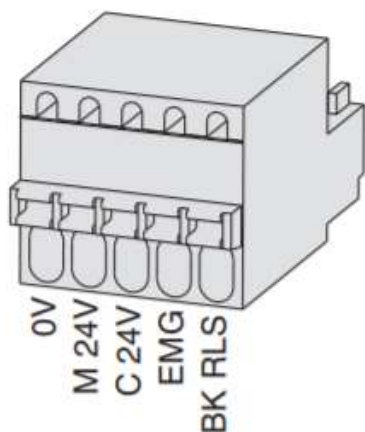
Communication cable



Interchangeability

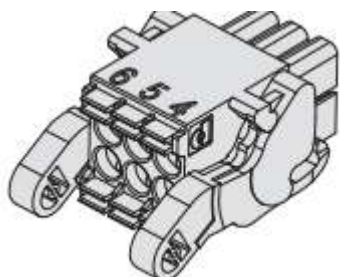
- Different power plug, it is necessary to change the connector to install the JXC51/61.

LEC-D-1-1 for LECP6



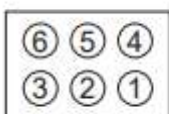
Terminal name	Function	Details
0V	Common supply (-)	The negative common power M 24V, C 24V, EMG and BK RLS
M 24V	Motor power supply (+)	Motor power supply (+) supplied to the controller
C 24V	Control power supply (+)	The positive control power
EMG	Stop signal (+)	The positive power for Stop signal
BK RLS	Lock release (+)	Input (+) for releasing the lock

JXC-CPW for JXC51/61



This connector prevents an easy disconnection.

Terminal name	Function	Details
0V	Common supply (-)	The negative common power M 24V, C 24V, EMG and LK RLS
M24V	Motor power supply (+)	Motor power supply (+) supplied to the controller
C24V	Control power supply (+)	The positive control power
EMG	Stop signal (+)	The positive power for Stop signal
LK RLS	Lock release (+)	The positive power for lock release



- ① C24V
- ② M24V
- ③ EMG
- ④ 0V
- ⑤ N.C.
- ⑥ LK RLS

Standard specifications

Characteristics are the same as the existing product, except the operating temperature range.

Item	Specifications	
	LECP6	JXC51/61
Compatible motor	Step motor (Servo/24 VDC)	
Power supply	Power voltage 24VDC 10% Max. current consumption 3A (Peak 5A) Including motor drive power, control power, stop, lock release	
Parallel input	11 inputs (Photo-coupler isolation)	
Parallel output	13 outputs (Photo-coupler isolation)	
Compatible encoder	Incremental A/B phase (800 pulse/rotation)	
Serial communication	RS485 (Modbus protocol compliant)	
Memory	Cooling system	
LED indicator	LED (Green/Red) one of each	
Lock control	Forced-lock release terminal	
Cable length [m]	I/O cable: 5 or less, actuator cable: 20 or less	
Cooling system	Natural air cooling	
Operating temperature range [°C]	0 to 40 (No freezing)	0 to 55 (No freezing)
Operating humidity range [%RH]	90 or less (No condensation)	
Storage temperature range [°C]	-10 to 60 (No freezing)	
Storage humidity range [%RH]	90 or less (No condensation)	
Insulation resistance [MΩ]	Between external terminals and case: 50 (500 VDC)	
Weight [g]	150g (screw mounting), 170g (DIN rail mounting)	

Difference in specifications



LECP6



JXC51/61