

Wiring Method for LECP6/LECA6

Electric actuators

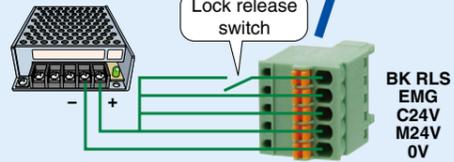
- Series LEF
 - Series LEY
 - Series LES
 - Series LEH*
 - Series LER*
 - Series LEP*
 - Series LEL*
 - Series LEM*
- * Not compatible with the LECA6.



Actuator cable

Standard cable	Robotic cable
LE-CP-□-□-S	LE-CP-□-□

Power supply for controller
24 VDC (Provided by customer)



Power supply plug (Accessory)
Power supply cable should be provided by the customer before wiring.
[Applicable cable size]: AWG20

Power Supply Plug Terminal

Terminal name	Function
BK RLS	Input (+) for releasing the lock
EMG	Input (+) for releasing the stop
C24V	Control power supply (+) of the controller
M24V	Motor power supply (+)
0V	Common (-) for BK RLS, EMG, C24V, M24V

(Connect the ground.)

FG

CN5

CN4

CN3

CN2

CN1

I/O cable

Part no.: LEC-CN5-□

Touch Operator Interface (Provided by customer)
GP4501T/GP3500T
Manufactured by Digital Electronics Corp.



Pro-face
for the best interface
Cockpit parts can be downloaded free via the Pro-face website. Using cockpit parts makes adjustment from the Touch Operator Interface possible.

Options

Controller setting kit
(Controller setting software (CD-ROM), communication cable, USB cable)
Part no.: LEC-W2

Communication cable
(3 m)

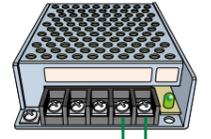
USB cable
(A-mini B type) (Provided by customer)
(0.3 m)

Or

Teaching box
(With 3 m cable)
Part no.: LEC-T1-3JG□



Power supply for I/O signal
24 VDC
(Provided by customer)



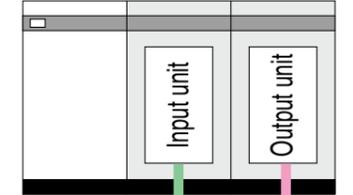
Connector pin no.	Cable color	Dot mark (color)	Function
A1	Light brown	■ (Black)	COM+
A2	Light brown	■ (Red)	COM-
A3	Yellow	■ (Black)	IN0
A4	Yellow	■ (Red)	IN1
A5	Light green	■ (Black)	IN2
A6	Light green	■ (Red)	IN3
A7	Gray	■ (Black)	IN4
A8	Gray	■ (Red)	IN5
A9	White	■ (Black)	SETUP
A10	White	■ (Red)	HOLD
A11	Light brown	■ (Black)	DRIVE
A12	Light brown	■ (Red)	RESET
A13	Yellow	■ (Black)	SVON
B1	Yellow	■ (Red)	OUT0
B2	Light green	■ (Black)	OUT1
B3	Light green	■ (Red)	OUT2
B4	Gray	■ (Black)	OUT3
B5	Gray	■ (Red)	OUT4
B6	White	■ (Black)	OUT5
B7	White	■ (Red)	BUSY
B8	Light brown	■ (Black)	AREA
B9	Light brown	■ (Red)	SETON
B10	Yellow	■ (Black)	INP
B11	Yellow	■ (Red)	SVRE
B12	Light green	■ (Black)	*ESTOP
B13	Light green	■ (Red)	*ALARM

The “*ALARM” and “*ESTOP” are the negative-true logic output.

Input

Output

PLC (Provided by customer)



Note) — : Provided by customer.