

PLC Module Connection Interface
Smart Link Board



Automation Equipment



LS Industrial Systems

New Name of  LG Industrial Systems

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PLC Module Connection Interface

Innovation of wiring system

Smart Link Board



Improve your competitiveness by upgrading wiring system with Smart Link Board

Connection example



SLP- RY 4A (Relay o ut put)



SLP- T40P (I/O link terminal)



Innovation of control panel work

Smart Link Board allows easy connection between terminal block and connector-type PLC module (Input / Output, High-speed counter, positioning, etc.) and makes possible to dramatically reduce the time of soldering work.



Eliminating the risk of mis-wiring

Preventing mis-wiring and misconnection in advance, Smart Link Board guarantees unparalleled product reliability and system safety.



Easy maintenance and repair

Responding promptly to any malfunction and inferiority, Smart Link Board contributes to the improvement of productivity and smooth system operation.

Specifications

Cable connection

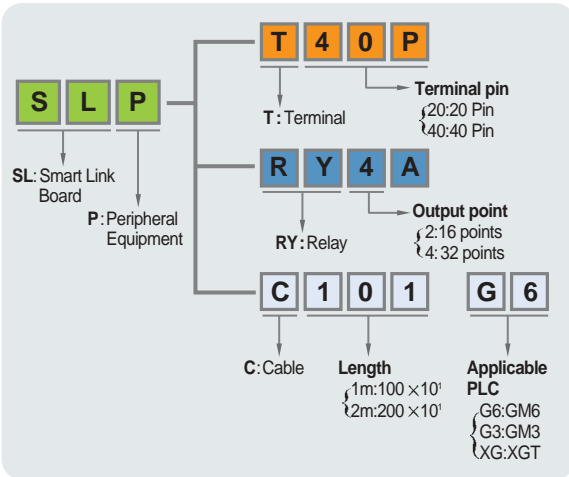
SLP-C101/C201-G6

PLC Pin No.	Cable Pin No.	PLC Pin No.	Cable Pin No.
1	40	P0	
2	38	P1	
3	36	P2	
4	34	P3	40
5	32	P4	39
6	30	P5	38
7	28	P6	37
8	26	P7	36
9	24	P8	35
10	22	P9	34
11	20	PA	33
12	18	PB	30
13	16	PC	29
14	14	PD	27
15	12	PE	26
16	10	PF	25
17	8	P10	24
18	6	P11	23
19	4	P12	22
		P13	21
		P14	20
		P15	19
		P16	18
		P17	17
		P18	16
		P19	15
		P1A	14
		P1B	13
		P1C	12
		P1D	11
		P1E	10
		P1F	9
		24V	8
		0V	7
		24V	6
		0V	5
		NC	4
			3
			2
			1

SLP-C101/C201-XG

PLC Pin No.	Cable Pin No.	PLC Pin No.	Cable Pin No.
B20	40	P0	
A20	39	P10	
B19	38	P1	
A19	37	P11	40
B18	36	P2	39
A18	35	P12	38
B17	34	P3	37
A17	33	P13	36
B16	32	P4	35
A16	31	P14	34
B15	30	P5	33
A15	29	P15	32
B14	28	P6	31
A14	27	P16	30
B13	26	P7	29
A13	25	P17	28
B12	24	P8	27
A12	23	P18	26
B11	22	P9	25
A11	21	P19	24
B10	20	PA	23
A10	19	P1A	22
B9	18	PB	21
A9	17	P1B	20
B8	16	PC	19
A8	15	P1C	18
B7	14	PD	17
A7	13	P1D	16
B6	12	PE	15
A6	11	P1E	14
B5	10	PF	13
A5	9	P1F	12
B4	8	NC	11
A4	7	NC	10
B3	6	NC	9
A3	5	NC	8
B2	4	+24V	7
A2	3	0V	6
B1	2	+24V	5
A1	1	0V	4

Model number

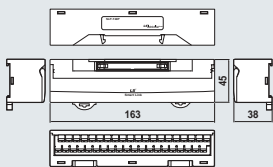


General specifications

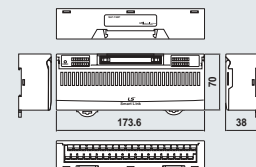
Item	Specifications	Standard			
Operating ambient temperature	0 to 55 °C				
Storage ambient temperature	-25 to 70 °C				
Operating ambient humidity	5 to 95%RH (Non-condensing)				
Storage ambient humidity	5 to 95%RH (Non-condensing)				
Vibration resistance	Under intermittent vibration				
	Frequency	Acceleration	Amplitude	Sweep count 10 times each in X,Y,Z directions (for 80min.)	IEC61131-2
	10 to 57Hz	-	0.075mm		
	57 to 150Hz	9.8%	-		
Under continuous vibration					
Frequency	Acceleration	Amplitude			
10 to 57Hz	-	0.035mm			
57 to 150Hz	4.9%	-			
Shock resistance	· Peak acceleration: 147 m/s ² {15G}		IEC61131-2		
	· Duration: 11ms				
Noise resistance	· Half-sine, 3 times each direction per each axis				
	Square wave impulse noise	±1,500Vp-p	LSIS standard		
	Electrostatic discharge	4kV	IEC61131-2, IEC61000-4-2		
	Rediated electromagnetic field noise	27 ~ 500MHz, 10V/m	IEC61131-2, IEC61000-4-3		
Fast transient / burst noise	Power module	Digital&analog input/output, Communication interface	IEC61131-2, IEC61000-4-4		
	2kV	1kV			
Terminal block	Maximum torque: 5.2 lb / inch				
Operating ambience	No corrosive gases and excessive dust				
Operating altitude	2000m max.				
Pollution level	2 max.				
Cooling	Air-cooling				

Dimensions

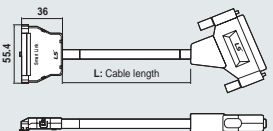
I/O link terminal (SLP-T40P)



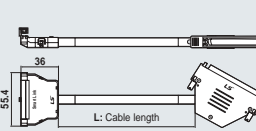
Relay output (SLP-RY4A)



Cable Ass'y (37p-40p)

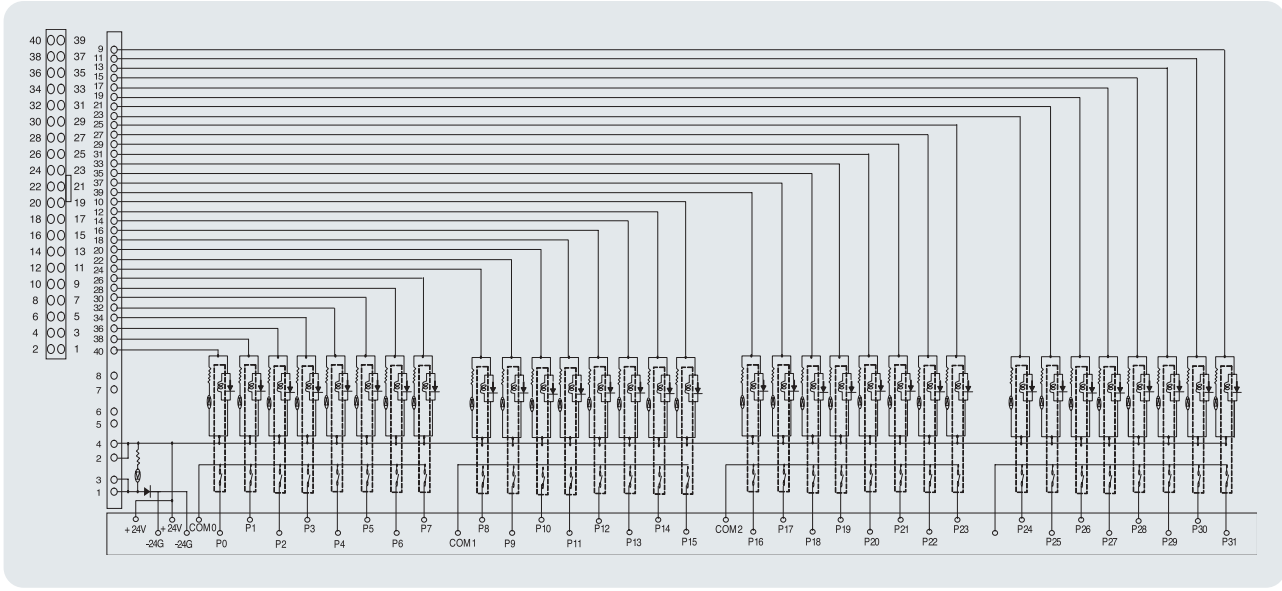


Cable Ass'y (40p-40p)

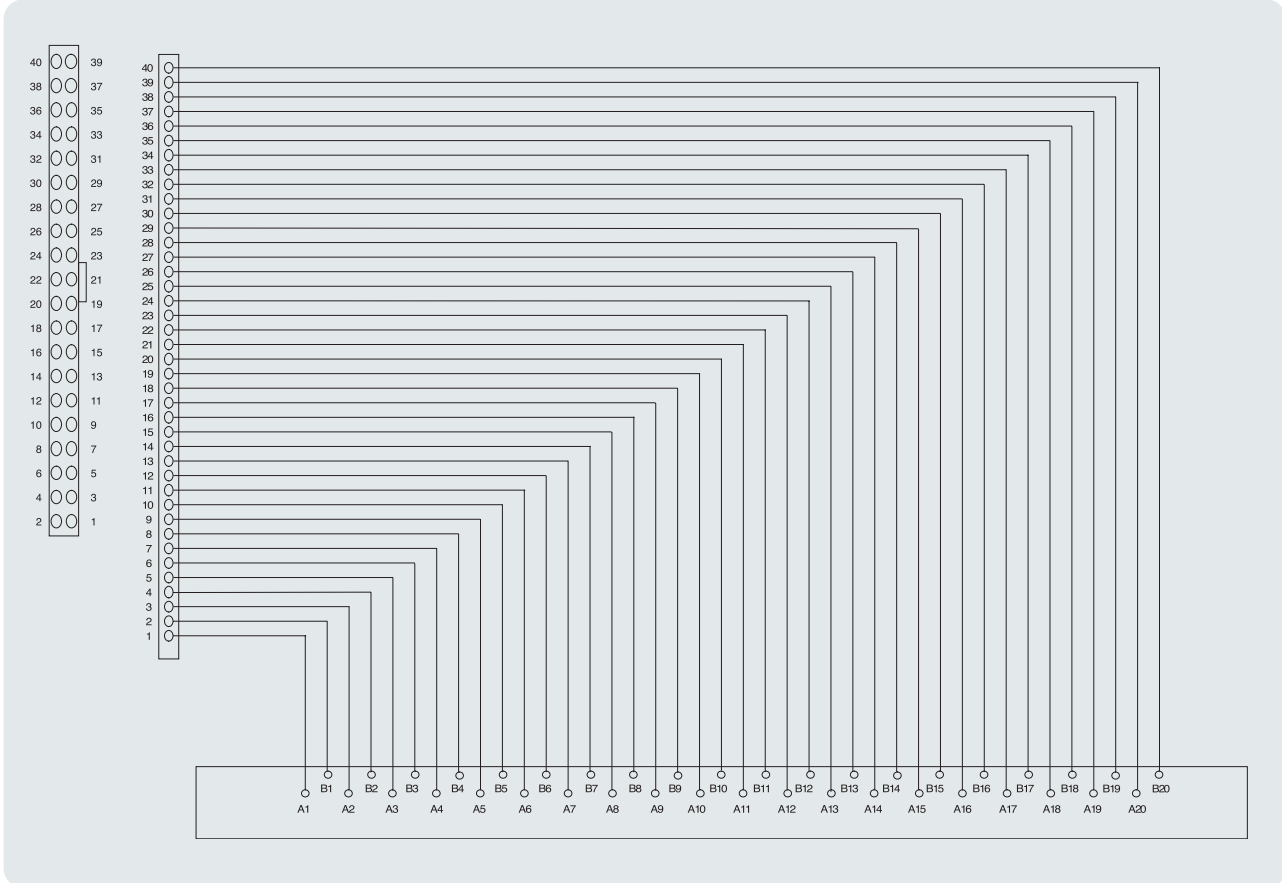




SLP-RY4A (32-point NPN type Relay output)



SLP-T40P (40-point I/O link terminal)



Specifications



Product list

Item	Specifications	Remark
I/O link terminal	SLP-T40P	40-point I/O link terminal
Relay output	SLP-RY4A	32-point NPN type Relay output
Cable Ass'y	SLP-C101-G6	Cable Ass'y, 37p-40p,1m
	SLP-C201-G6	Cable Ass'y, 37p-40p,2m
	SLP-C101-XG	Cable Ass'y, 40p-40p,1m
	SLP-C201-XG	Cable Ass'y, 40p-40p,2m
	SLP-C101-G3	Cable Ass'y, 40p-40p,1m
SLP-C201-G3	Cable Ass'y, 40p-40p,2m	

Product specifications

Item	SLP-RY4A
Output point	32 points
Rated load voltage	DC24V, AC220V
Leakage current when Off	0.1mA or less
Rated load current	2A/point, 5A/COM
Response time	Off→On:10ms or less, On→Off:12ms or less
Common(COM)	8 points/COM
Operation display	LED display
Insulation	Relay
Power supply	DC24V
Weight(g)	375g

Relay specifications

Item	Specifications
Contact arrangement	1 Form A (SPST-NO)
Coil resistance	4800 Ω
Coil power	120mW
Contact rating	AC250V 3A, DC30V 5A
Max. contact current	5A
Max. switching voltage	AC270V / DC125V
Mechanical life	20,000,000 operations or more
Electrical life	100,000 operations or more (3A 250VAC, 3A 30VDC) 300,000 operations or more (1A 250VAC, 1A 30VDC)

Item	SLP-T40P
Rated voltage	AC, DC 125V
Rated current	1A
Withstand voltage	600V for 1 minute
Insulation resistance	100MΩ (DC500V)
Applicable cable	1.25mm²/MAX
Terminal screw	M3 X 8L
Terminal screw torque	6.2 kgf.cm or more (3M)
Quality of terminal	PBT, UL94V-0
Weight(g)	186g

Applicable PLC I/O module

Model	Cable	LSIS PLC																						
		GM4/K300S						GM6/K200S				XGT												
		G4Q-TR8A	G4Q-TR4A	G4Q-TR4B	G4I-D28A	G4I-D24A	G4I-D24B	G4I-D24C	G6Q-TR4A	G6Q-TR4B	G6I-D24A	G6I-D24B	XGQ-TR8A	XGQ-TR8B	XGQ-TR4A	XGQ-TR4B	XGI-D24A	XGI-D24B	XGI-D28A	XGI-D28B	XGH-DT4A			
SLP-T40P	SLP-C101-G6		●	●		●	●	●		●	●	●	●											
	SLP-C201-G6		●	●		●	●	●		●	●	●	●											
	SLP-C101-XG	●			●									●	●	●	●	●	●	●	●	●	●	●
	SLP-C201-XG	●			●									●	●	●	●	●	●	●	●	●	●	●
	SLP-C101-G3	●			●																			
	SLP-C201-G3	●			●																			
SLP-RY4A	SLP-C101-G6		●							●														
	SLP-C201-G6		●							●														
	SLP-C101-XG													●		●								
	SLP-C201-XG													●		●								

SLP-T40P applicable PLC special module

XGT	Applicable cable	GM6/K200S	Applicable cable	GM4/K300S	Applicable cable
XGF-HO2A	SLP-C101/C201-G3	G6F-HO1A	SLP-C101/C201-G3	G4F-HO1A	SLP-C101/C201-G3
XGF-HD2A	SLP-C101/C201-G3	G6F-HD1A	SLP-C101/C201-G3	G4F-HD1A	SLP-C101/C201-G3
XGF-PO3A	SLP-C101/C201-G3	G6F-PO3A	SLP-C101/C201-XG	G4F-PO3A	SLP-C101/C201-G3
XGF-PO2A	SLP-C101/C201-G3	G6F-PO2A	SLP-C101/C201-XG	G4F-PO2A	SLP-C101/C201-G3
XGF-PO1A	SLP-C101/C201-G3	G6F-PO1A	SLP-C101/C201-XG	G4F-PO1A	SLP-C101/C201-G3
XGF-PD3A	SLP-C101/C201-G3	G6F-PD3A	SLP-C101/C201-XG	G4F-PD3A	SLP-C101/C201-G3
XGF-PD2A	SLP-C101/C201-G3	G6F-PD2A	SLP-C101/C201-XG	G4F-PD2A	SLP-C101/C201-G3
XGF-PD1A	SLP-C101/C201-G3	G6F-PD1A	SLP-C101/C201-XG	G4F-PD1A	SLP-C101/C201-G3
		G6F-HSCA	SLP-C101/C201-G6		

Leader in Electrics & Automation



Safety Instructions

- For your safety, please read user's manual thoroughly before operating.
- Contact the nearest authorized service facility for examination, repair, or adjustment.
- Please contact qualified service technician when you need maintenance. Do not disassemble or repair by yourself!
- Any maintenance and inspection shall be performed by the personnel having expertise concerned.

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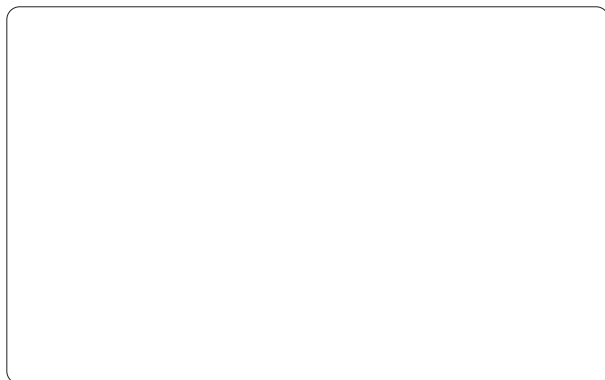
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