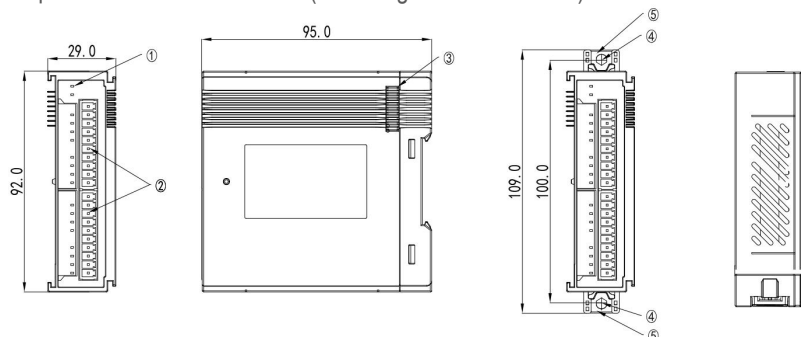


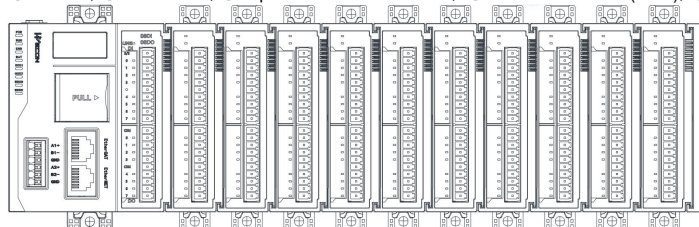
Type	Model	Description	Size
16 points IO extension module	LX6V-0808EXYT	8-channel switch input, support NPN and PNP 8-channel transistor output, support NPN	92*29*95mm
	LX6V-16EX	16-channel switch input, support NPN or PNP	
	LX6V-16EYT	16-channel transistor output, support NPN	
	LX6V-16EYP	16-channel transistor output, support PNP	
	LX6V-16EYP-3A	16-channel transistor output; Output supports PNP	92*39*95mm
32 points IO extension module	LX6V-1616EXYT	16-channel switch input, support NPN and PNP 16-channel transistor output, support NPN	92*39*95mm
	LX6V-1616EXYP	16-channel switch input, support NPN and PNP 16-channel transistor output, support PNP	
	LX6V-32EYT	32-channel transistor output, support NPN	
	LX6V-32EX	32-channel transistor input, support NPN and PNP	

Installation

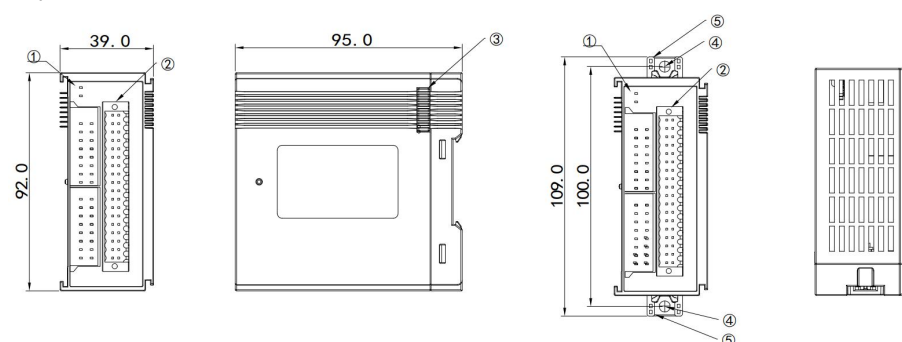
16 points IO extension module (excluding LX6V-16EYP-3A)



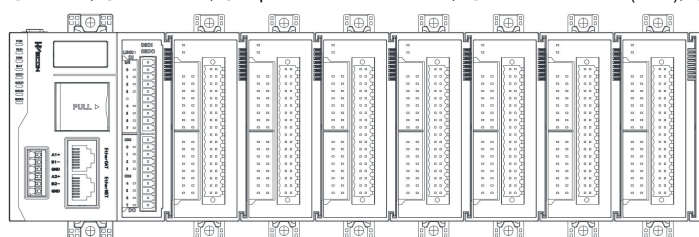
① I/O LED; ② I/O terminal; ③ Expansion module interface; ④ Installation hole: 2 (Φ4.5); ⑤ DIN rail fastener



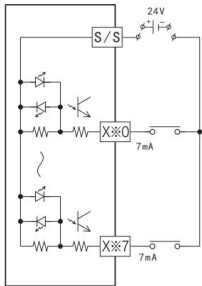
32 points IO extension module and LX6V-16EYP-3A



① I/O LED; ② I/O terminal; ③ Expansion module interface; ④ Installation hole: 2 (Φ4.5); ⑤ DIN rail fastener

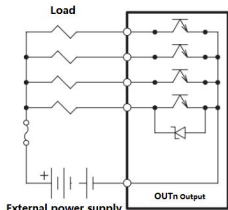
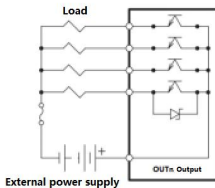


Input Specification

Item	Digital Input	
Input Circuit Composition		NPN connection: S/S connect to 24V; PNP connection: S/S connect to 0V. Note: In the picture is NPN connection.
Input Signal Voltage	DC24V±10%	
Input Signal Current	7mA/DC24V (The input current with standard 24V)	
Input ON Current	3.5mA above	
Input OFF Current	Below 1.5mA	
Input Response Time	Approx. 0.2ms	
Input Signal Form	Contact input, support NPN, PNP input.	
Circuit Insulation	16-point module: Transformer 32-point module: Transformer/optocoupler Isolation	
Action Display	LED turn ON when trigger input signal	

Output Specification

Common IO modules

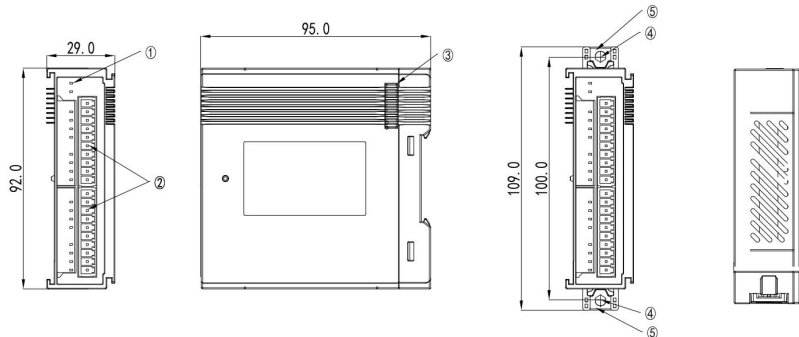
Item	Transistor Output	
Output Circuit Composition	 NPN connection	 PNP connection
External Power Supply	DC 5 to 30V	
Circuit Insulation	Transformer isolation	
Action Display	LED turn ON when trigger output signal	
Maximum load	Resistance Load	16-point module: 0.4A/point 32-point module: 0.25A/point, 8A/module
	Inductive Load	16-point module: DC24V 9.6W/point 32-point module: DC24V 6W/point
	Lamp Load	16-point module: DC24V 0.9W/point 32-point module: DC24V 0.75W/point
Open Circuit Leakage Current	0.1mA/DC30V	
Minimum Load	--	
Response Time	OFF → ON	Approx. 0.2ms
	ON → OFF	Approx. 0.2ms

LX6V-16EYP-3A

Item	Transistor output
Wiring	2 group (8 outputs per group with dedicated power supply) Connect at least 2 COM port when output current > 8A in one group
Input Signal Voltage	DC24V
Input Signal Current	3A (50% simultaneity per group)
Protection	Overload protection for every 4 Y points
Action Display	LED turn ON when trigger input signal
Circuit Insulation	Isolation between groups

Model	Description
LX6V-4AD	4-channel analog input module
LX6V-4DA	4-channel analog output module

Installation



① I/O LED; ② I/O terminal; ③ Expansion module interface; ④ Installation hole: 2 (Φ4.5); ⑤ DIN rail fastener

Specification

Item	Analog Input
Input Circuit Composition	
Input Mode	Voltage/current
Input Channel	4
Resolution	1/16384 (14bit)
Voltage Input Range	-10V to 10V
Voltage Input Impedance	190kΩ
Current Input Range	4mA to 20mA, -20mA to 20mA
Current Input Impedance	250Ω
Comprehensive Precision	±1%
Conversion Speed	1ms
Power Supply	Interface power supply, DC24V±10%, 55mA

Item	Analog Output
Output Circuit Composition	
Output Mode	Voltage/current
Output Channel	4
Resolution	1/20,000, hardware can meet 16bit resolution
Voltage Output Range	-10V to 10V
Voltage Output Load	≥2KΩ
Voltage Output Diagnosis	Support non-zero voltage output short-circuit detection with about 14mA overcurrent protection
Current Output Range	0 to 20mA, 4 to 20mA
Current Output Load	≤ 500Ω
Current output Diagnosis	Support non-zero current output open circuit detection
Comprehensive Precision	±1%
Conversion Speed	Approximately 1ms
Power Supply	Interface power supply, DC24V±10%, 125mA