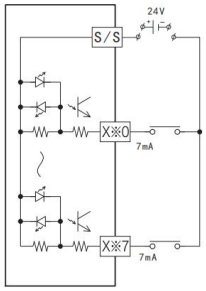
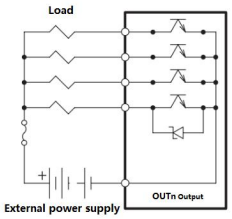
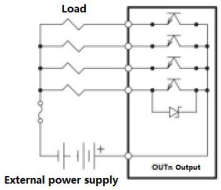
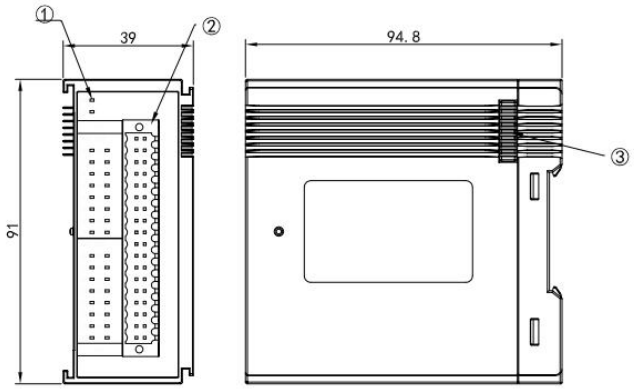
LX6 DIGITAL INPUT OUTPUT

Model	Channels	Functionality	Description
LX6V-1616EXYT	32	16 inputs, 16 transistor outputs	Support NPN or PNP input, support NPN output.
LX6V-1616EXYP	32	16 inputs, 16 transistor outputs	Support NPN or PNP input, support PNP output.
LX6V-32EX	32	32 inputs	Support NPN or PNP input.
LX6V-32EYT	32	32 transistor outputs	Support NPN output.

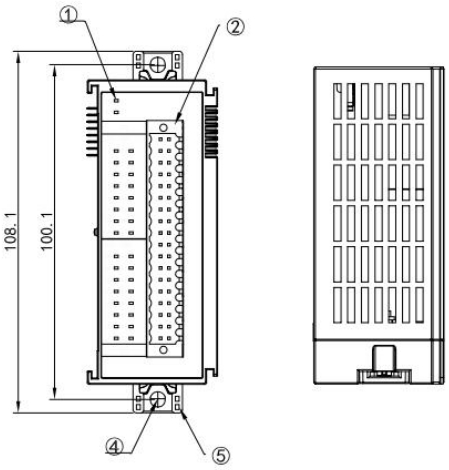
Specification

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	DC±24V±10%
Input Signal Current	7mA/DC24V (The input current when inputting 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	Transformer or optocoupler isolation.
Action Display	When inputting ON, LED lights up.

Item		Transistor Output
Output Circuit Composition		 NPN connection  PNP connection
External Power Supply		DC 5 to 30V
Circuit Insulation		Transformer isolation
Action Display		LED lights up when driving
Maximum load	Resistance Load	0.25A/1 point, 8A/Module
	Inductive Load	6W/DC24V
	Lamp Load	0.75W/DC24V
Output Derating		When working at 55°C, the output current of ON at the same time is derated to 50% (that is, the output current of 32 channels does not exceed 4A)
Open Circuit Leakage Current		0.1mA/DC30V
Minimum Load		--
Response Time	OFF→ ON	Approx. 0.2ms
	ON→OFF	Approx. 0.2ms



Rail Installation dimension diagram



Screw hole installation dimension diagram

①I/O LED; ②I/O Terminal; ③Expansion module interface;

④ Mounting hole*2 (Φ=4.5); ⑤DIN rail fastener