

# 32 Points IO Extension Module

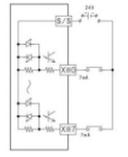
Módulo de expansión de 32 puntos de E/S

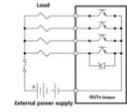
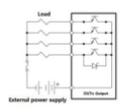


## Specification

Type	Model	Description
32 points IO extension module	LX6V-1616EXYT	16-channel switch input, support NPN and PNP 16-channel transistor output, support NPN
	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

## Specification

Item	Digital Input
Input Circuit Composition	 <p>NPN connection: S/S connect to 24V, PNP connection: S/S connect to 0V. Note: In the picture is NPN connection.</p>
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

Item	Transistor Output	
Output Circuit Composition	 <p>NPN connection</p>	 <p>PNP connection</p>
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 part 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