



General PLC Specification

Descriptions	LX3V	LX3VP Series	LX3VE/3VM
Running Mode	Round Scan/Interrupt		
Programming	Instruction List/Ladder		
Total Instructions	Basic Instructions: 27/Applied Instruction: 138		140
Execute Time	Basic Instructions/Applied Instruction: 1~10uS		
System Storage	16K	64K	32K
Download/Monitoring	Serial Programming Cable / Mini USB		
High Speed Pulse Output	Transistor: 2 Channel (4Channel Optional) / Relay N/A(2 Channel Optional)		
External Interrupt	6 Channel		
Timer Interrupt	3 Channel		
Holding Interrupt	Adjustable		
Storage	FLASH		
Filter	For All		
Serial Port	COM1: RS422 or RS485 COM2: RS485		
Temperature	Working Temperature: 0 ~ 55°C / Storage Temperature: -20 ~ 70°C		
Humidity	5- 85%RH (Without condensation)		
Shock Resistance	JIS C 0040 Standard		
Influence Immunity	Meet the IEC61000-4-4 and GB/T 17626.4 standard: Noise voltage amplitude 1KVP-P, pulse width 10us, period 0.3 s, edge time 5ns, duration 1min.		

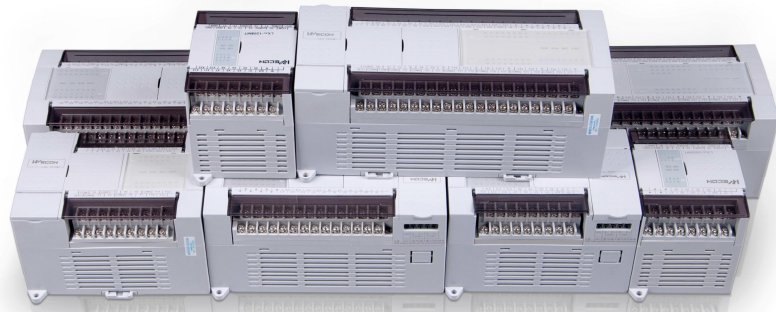
PLC Output

Item	Relay	Transistor
Output Mode	-	NPN
Input Power Supply	DC 24V	DC 24V
Output Circuit	<AC 250V or < DC30V	DC 5~30V
COM Port Current	-	<0.1mA (DC 30V)
Insulation	Mechanistic	Optical Coupling
Leak Current	-	0.1mA / DC 30V
Min. Load	-	DC 5V 2mA
Max. Load	80VA 100W	0.9W/DC 24V
Response Time	<10ms	<0.2ms (pulse <5us)

PLC AC Power Supply

Item	LX3V-0608M / 1208M / 1212M / 1412M	LX3V-1616M / 2416M / 3624M
Power Supply	AC85-265V 50-60Hz	
Power Outage Time	10ms	
Power Fuse	<15A 5ms/AC 100V; 30A 5ms/AC 200V	
Rush Current	250A 3.15A	
Power Consumption	<35W	<60W
Power Putput	DC 24V 850mA	DC 24V 700mA

PLC LX3V Series



PLC Model	I/O	Output Type	Dimension (mm)	Pulse Counter	Pulse Output	RS485	BD Board	Module	Power Supply
LX3V-0806MR-A2(D2)	8/6	Relay	75x107x87	2	0	1	1	N/A	AC(DC)
LX3V-0806MT-A2(D2)	8/6	Transistor	75x107x87	2	2	1	1	N/A	AC(DC)
LX3V-1208MR-A2(D2)	12/8	Relay	75x107x87	2	0	1	1	N/A	AC(DC)
LX3V-1208MT-A2(D2)	12/8	Transistor	75x107x87	2	2	1	1	N/A	AC(DC)
LX3V-1208MR2H-A2(D2)	12/8	Mix	75x107x87	2	2	1	1	N/A	AC(DC)
LX3V-1212MR-A(D)	12/12	Relay	137x107x87	2	0	2	1	YES	AC(DC)
LX3V-1212MT-A(D)	12/12	Transistor	137x107x87	2	2	2	1	YES	AC(DC)
LX3V-1212MT4H-A(D)	12/12	Transistor	137x107x87	2	4	2	1	YES	AC(DC)
LX3V-1212MR2H-A(D)	12/12	Mix	137x107x87	2	2	2	1	YES	AC(DC)
LX3V-1412MR-A(D)	14/12	Relay	137x107x87	2	0	2	1	YES	AC(DC)
LX3V-1412MT-A(D)	14/12	Transistor	137x107x87	2	2	2	1	YES	AC(DC)
LX3V-1412MT4H-A(D)	14/12	Transistor	137x107x87	2	4	2	1	YES	AC(DC)
LX3V-1412MR2H-A(D)	14/12	Mix	137x107x87	2	2	2	1	YES	AC(DC)
LX3V-1616MR-A(D)	16/16	Relay	175x107x87	2	0	2	1	YES	AC(DC)
LX3V-1616MT-A(D)	16/16	Transistor	175x107x87	2	2	2	1	YES	AC(DC)
LX3V-1616MT4H-A(D)	16/16	Transistor	175x107x87	2	4	2	1	YES	AC(DC)
LX3V-1616MR2H-A(D)	16/16	Mix	175x107x87	2	2	2	1	YES	AC(DC)
LX3V-2416MR-A(D)	24/16	Relay	175x107x87	2	0	2	1	YES	AC(DC)
LX3V-2416MT-A(D)	24/16	Transistor	175x107x87	2	2	2	1	YES	AC(DC)
LX3V-2416MT4H-A(D)	24/16	Transistor	175x107x87	2	4	2	1	YES	AC(DC)
LX3V-2416MR2H-A(D)	24/16	Mix	175x107x87	2	2	2	1	YES	AC(DC)
LX3V-2424MR-A(D)	24/24	Relay	220x107x87	2	0	2	1	YES	AC(DC)
LX3V-2424MT-A(D)	24/24	Transistor	220x107x87	2	2	2	1	YES	AC(DC)
LX3V-2424MT4H-A(D)	24/24	Transistor	220x107x87	2	4	2	1	YES	AC(DC)
LX3V-2424MR2H-A(D)	24/24	Mix	220x107x87	2	2	2	1	YES	AC(DC)
LX3V-3624MR-A(D)	36/24	Relay	220x107x87	2	0	2	1	YES	AC(DC)
LX3V-3624MT-A(D)	36/24	Transistor	220x107x87	2	2	2	1	YES	AC(DC)
LX3V-3624MT4H-A(D)	36/24	Transistor	220x107x87	2	4	2	1	YES	AC(DC)
LX3V-3624MR2H-A(D)	36/24	Mix	220x107x87	2	2	2	1	YES	AC(DC)