

LX1V Model	I / O	Output Type	Dimension (mm)	Pulse Counter	Pulse Output	RS485	BD Board	Module	Power Supply
LX1V-0806MR-D	08 / 06	Relay	114*107*50	2	0	2	Optional	N/A	DC
LX1V-1208MR-D	12 / 08	Relay	114*107*50	2	0	2	Optional	N/A	DC
LX1V-1212MR-D	12 / 12	Relay	114*107*50	2	0	2	Optional	N/A	DC

GENERAL

Item	LX1V PLC
Running Mode	Cycle Scan / Interrupt
Programming	Instruction Table / Ladder Diagram
Total Instructions	Basic instruction: 27 / Application instruction: 136+2
Execute Time	Basic instruction 0.06μs / Application instruction: 1~10μs
System EMMC	16KB
Download / Monitoring	Programming cable (Port) USB Type-C
High Speed Pulse Output	N/A
High Speed Counter Interrupt	6 channels
Timer Interrupt	3 channels
High Speed Input Single Phase	2 channels 200kHz, 4 channels 5kHz
High Speed Input AB Phase	1 channels 100kHz, supports 2 or 4 frequency multiplication 1 channels 5kHz, supports 2 or 4 frequency multiplication
Power-down Save	Adjusted by software
Filter	For all the input terminals
Serial Port	RS485
Temperature	Working Temperature : 0 ~ 55℃, Storage Temperature : -20 ~ 70℃
Humidity	35~ 85%RH (Without condensation)
Shock Resistance	JISC0040 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.
Voltage	DC 24V±10%
Power Outage Time	1ms
Power Fuse	250V 3.15A
Rush Current	<15A 1ms / DC 24V
Power Output	< 8W

Output

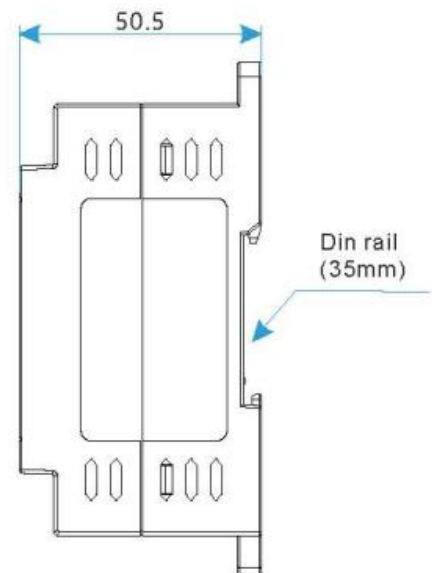
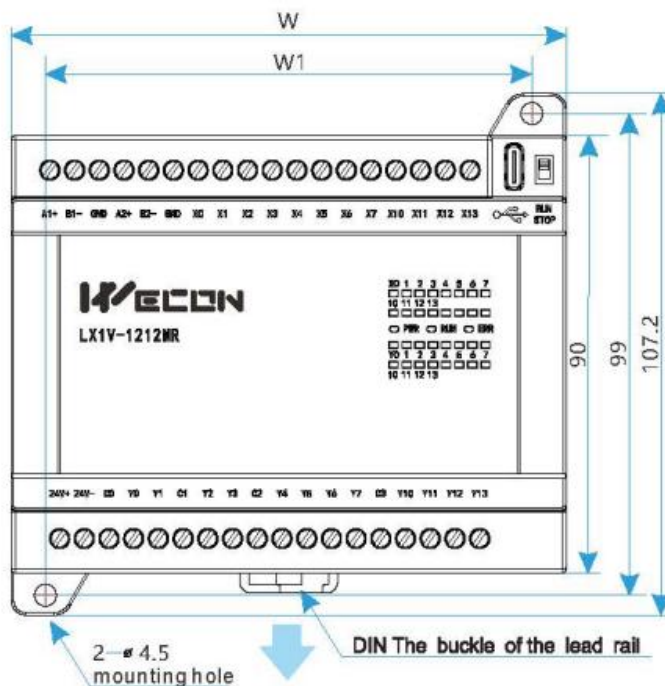
Item	Relay Output
Output Mode	--
Input Power Supply	DC 24V
Output Circuit	<AC 250V or <DC 30
COM Port Current	--
Insulation	Mechanistic
Leak Current	--
Minimum Load	--
Maximum Output Current	Resistive load 2A/output terminal 8A/COM terminal Inductive load 80VA Lamp load 100W
Response Time	ON OFF <10ms

Product



Installation

Directly installed on the DIN46277 (width 35mm) guide rail. When removing the main unit, gently pull out the IN rail mounting clip from below.



Use the M4 screw to install the PLC. The distance and the location refer to the right figure.

Model	W(mm)	W1(mm)
LX1V-0806MXX-D	114	100
LX1V-1208MXX-D	114	100
LX1V-1212MXX-D	114	100