

## XINJE XC1 SERIES PLC CONTROLLER

### XC1-16R-C



Xinje provides a PLC product with powerful functions and abundant models. The XC1 PLC range provides faster execution speed and enhanced real-time monitoring capability at competitive prices.

### **Product description**

1. 8 NPN inputs, 8 Relay outputs (R)
2. DC24V (C) power supply
3. CPU cannot be expandable.
4. Support RTC, power-off retentive
5. Support basic logic control and data operation
6. Support high speed count, pulse output, external interruption, C language Function block, free switch for I/O points, free protocol communication and MODBUS communication.
7. 2 COM ports RS232

## General Specifications

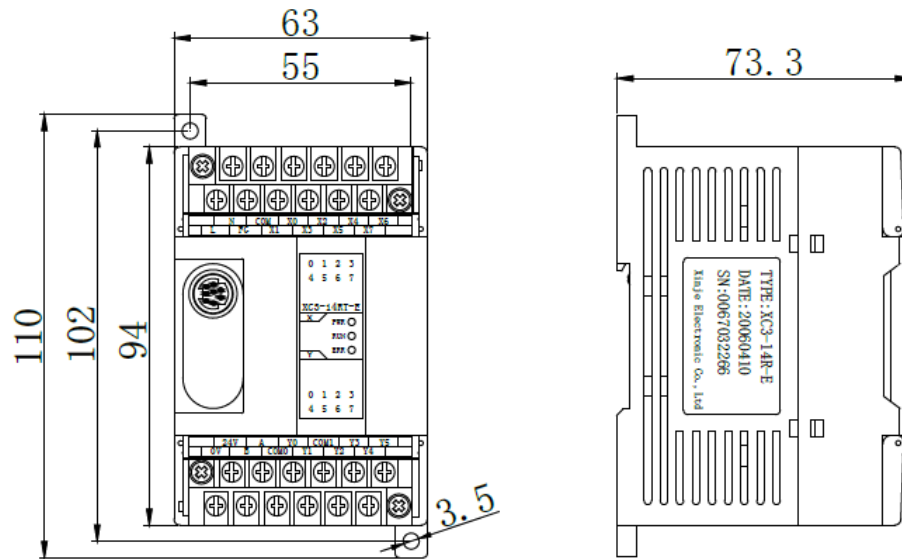
Items	Specifications
Isolation voltage	Above DC 500V 2MΩ
Anti-noise	Noise voltage 1000Vp-p 1us pulse per 1minute
Atmosphere	No corrosive, flammable gas
Ambient temperature	0°C~60°C
Ambient humidity	5%~95% (No condensation)
COM1,COM2	RS-232, to connect upper computer, HMI for program or debug.
Installation	Use M3screws or DIN to fix
Grounding	The third type grounding (do not grounding with strong power system)

## Functional Specifications

Items		Specifications
Program execution mode		Cyclic scan
Program mode		Instructions and ladder
Processing speed		0.5us
Power off retentive		FlashROM and Li-battery
Users' program capacity		32 KB
I/O points	Total I/O	16
	Input	8 X0~X7
	Output	8 Y0~Y7
Internal Coils(M)		448
Procedure (S)		32
Timer (T)	points	80
	Spec.	100mS timer: set time 0.1~3276.7sec. 10mS timer: set time 0.01~327.67sec. 1mS timer: set time 0.001~32.767sec.
Counter (C)	points	48
	Spec.	16 bits counter: set value K0~32,767 32 bits counter: set value -2147483648~+2147483647
Data Register(D)		150
FlashROM Register (FD)		412
High Speed Counter		-
Pulse Output		-
External Interruption		-
Password Protection		6 bits ASCII

## Product appearance and size chart

### Dimension :unit (mm) chart



### XC1- 16 main units: 8 Input /8 Output

	N	COM	X1	X3	X5	X7	
L	FG	X0	X2	X4	X6		

	24V	Y0	Y2	COM	Y5	Y7	
0V	COM	Y1	Y3	Y4	Y6		