

## **XINJE XD3 SERIES PLC CONTROLLER**

### **XD3-16R-C-S**

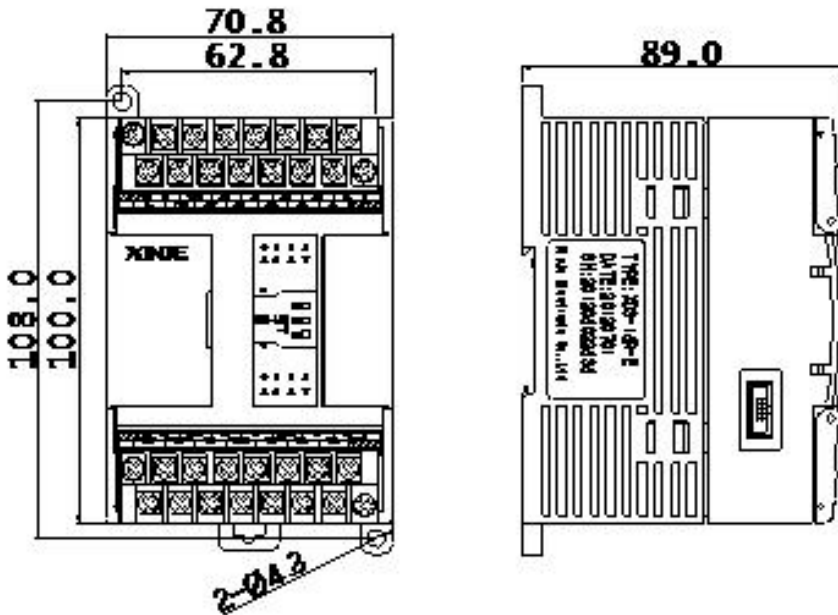


#### Product description

1. 8 NPN inputs, 8 relay output (R)
2. DC24V (C) power supply
3. CPU can extend ten expansion modules and three BD boards
4. Support RTC, power-off retentive
5. Support basic logic control and data operation
6. The processing speed is 10 times of XC series PLC
7. Support high speed count, pulse output, external interruption, C language function block, free switch for I/O points, free protocol communication and MODBUS communication.

## Product appearance and size chart

### Dimension :unit (mm) chart



## 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	RS-232, to connect upper computer, HMI for program or debug.
COM2	RS-232/RS-485, to connect intelligent instruments or inverters.
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		Loop scan mode	
Program mode		Instructions and ladder	
Processing speed		0.05us	
Power off retentive		FlashROM and Li-battery	
Users' program capacity		256KB	
I/O points	Total I/O	16	
	Input	8 X0~X7	
	Output	8 Y0~Y7	
Internal Coils(X)		X0~X2027(1048)	
Internal Coils(Y)		Y0~Y1037(1048)	
Internal Coils(M, HM)		11008	M0~M7999 【HM0~HM959】
			For Special Use SM0~SM2047
Procedure (S)		1153	S0~S1023 【HS0~HS128】
Timer (T)	points	640	T0~T575 【HT0~HT95】
	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	672	C0~C575 【HC0~HC95】
	Spec.	16 bits counter: set value K0~32,767	
		32 bits counter: set value -2147483648~+2147483647	
Data Register(D)		11048words	D0~D7999 【HD0~HD999】
			For Special Use SD0~SD2047
FlashROM Register (FD)		8144 words	FD0~FD6143
			For Special Use SFD0~SFD1999
High Speed Dispose Ability		High speed counter, pulse output, external interruption	
Password Protection		6 bits ASCII	
Self-diagnose Function		Power on self-check, monitor timer, grammar check	