

XINJE XD3 SERIES PLC CONTROLLER

XD3-16RT-C

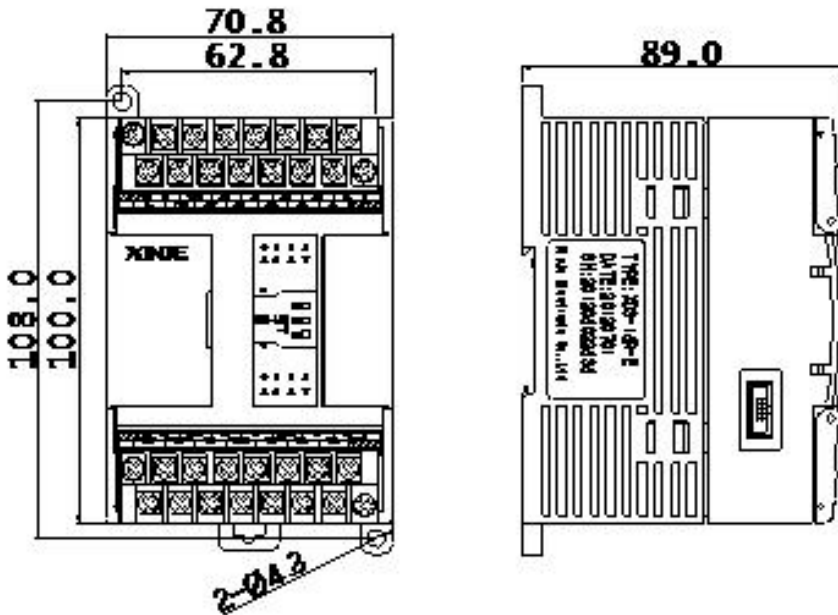


Product description

1. 8 NPN inputs, 8 relay & transistor mixed output (RT)
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	