

XINJE XD1 SERIES PLC CONTROLLER

XD1-16R-C

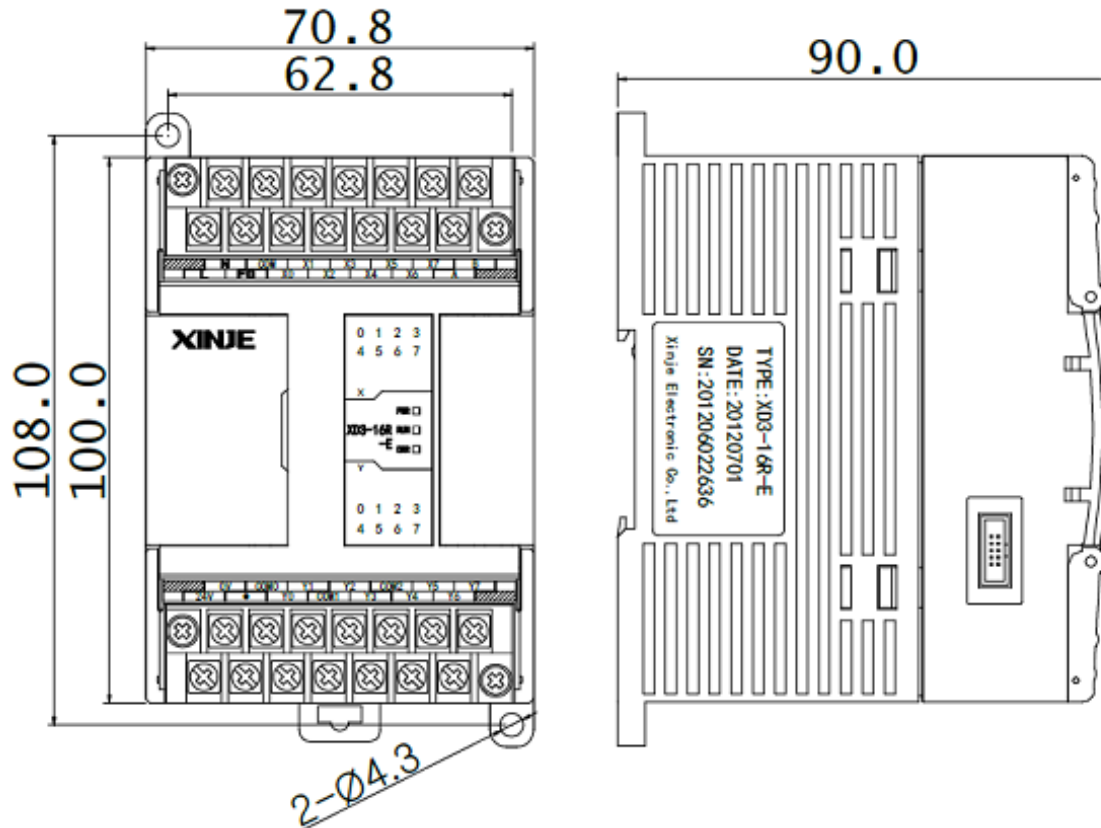


Product description

1. 8 NPN inputs, 8 relay outputs (R)
2. DC24V (C) power supply
3. CPU cannot support right expansion module, left expansion ED module, expansion BD.
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, high speed pulse output 100KHz-200KHz, external interruption, C language function block, free switch for I/O points and free protocol communication .
8. Perfect monitor modes: ladder monitor, free monitor, data monitor

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 1 minute
Atmosphere	No corrosive, flammable gas
Ambient temperature	0°C~60°C
Ambient humidity	5%~95% (No condensation)
COM0	RS-232, to connect upper computer, HMI for program or debug.
COM1	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		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	32	60
	Input	8 X0~X7	18 X0~X21	36 X0~X43
	Output	8 Y0~Y7	14 Y0~Y15	24 Y0~Y27
Internal Coils(X)		1280 points: X0~X77, X10000~X11777, X20000~X20277		
Internal Coils(Y)		1280 points: Y0~Y77, Y10000~Y11777, Y20000~Y20277		
Internal Coils(M, HM)		11008	M0~M7999 【HM0~HM959】	
			For Special Use SM0~SM2047	
Procedure (S)		1153	S0~S1023 【HS0~HS127】	
Timer (T)	points	672	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		