



Product description

28 DI/20 DO, AC220 or DC24V power supply;
 can be expanded with expansion module, BD board and clock;
 power-off retentive;
 support basic logic control and data operation;
 support high speed count, pulse output, external interruption, C language function block, free switch for I/O points, free protocol communication and MODBUS communication.

General Specifications

Item	Specification
Insulation Voltage	Above DC 500V 2MΩ
Noise Resistance	1000V 1uS pulse for 1 minute
Environment Temperature	0℃~60℃
Ambient Humidity	5%~95%
COM 1	RS-232, be connected to host machine or HMI for programming or debugging
COM 2	RS-485/RS-232, network or connect to intelligent instrument, inverter, etc.
COM 3	BD board extensional communication port RS-485/RS232
Installation	M3 screw fixed or DIN46277 (35mm width) guide rail installation
Grounding	The third type grounding (Never perform common grounding with strong power system)

Functional Specifications

Item	Specification	
Program Operation Mode	Circulation scanning mode, timing scanning mode	
Program Mode	Instructions and ladder chart	
Dispose Speed	0.5us	
Power Failure Holding	FlashROM	
User Program's Capacity	8000 steps	
I/O Points	28 input points, 20 output points	
Output Format	Relay	
Power Supply	AC220V	
Interior Coil's Points (M)	8512 points	
Timer (T)	Points	620 points
	Specification	100mS timer: set time 0.1~3276.7 seconds 10mS timer: set time 0.01~327.67 seconds 1mS timer: set time 0.001~32.767 seconds
Counter (C)	Points	635 Points
	Specification	16 bits counter: Set value K0~32767 32 bits counter: Set value K0~2147483647
Data Register (D)	8512 characters	
FlashROM Register (FD)	2048 characters	
High-speed Count Format	High speed counter, pulse output, exterior interruption	
Timing Scanning Interval Setting	1~99mS	
Password Protection	6 characters ASCII	
Self-diagnose Function	Power on self-diagnose, monitor timer, grammar check	

Dimension (Unit: mm)

