



Product description

14 DI/10 DO, AC220 or DC24V power supply;
 can be expanded with expansion module, BD board.
 Support RTC, power-off retentive;
 Support basic logic control and data operation;
 Support high speed count, pulse output, exterior 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°C~60°C |
| 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 extensional communication port RS-232/RS-485 |
| 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 | 14 input points, 10 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)

