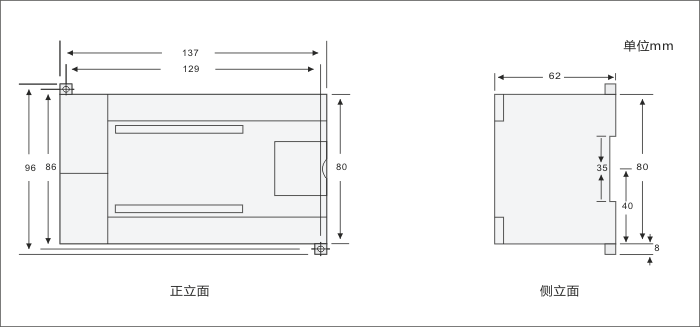
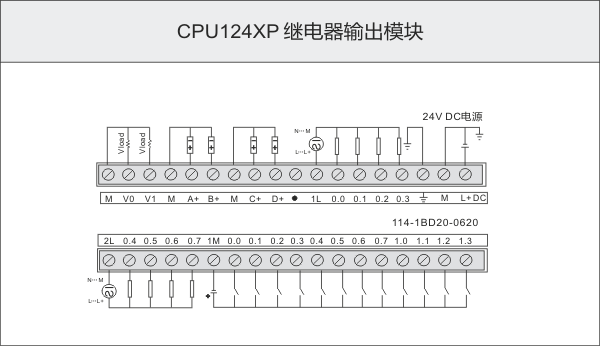


Dimenzije



Šema povezivanja



Komunikacioni port

|  |  |  |  |
| --- | --- | --- | --- |
| **Konektor** | **PIN** | **FPORT（RS485)** | **PORT0(RS485)** |
| 2014070310362263.jpg | 1 | Shell grounded | Shell grounded |
| 2 | Logical | Logical |
| 3 | RS-485 Signal B | RS-485 Signal B |
| 4 | RTS(TTL) | RTS(TTL) |
| 5 | RTS(TTL) | RTS(TTL) |
| 6 | +5V，100Ω resistances in serie | +5V，100Ω resistances in serie |
| 7 | +24V | +24V |
| 8 | RS-485 Signal A | RS-485 Signal A |
| 9 | / | / |
| Shell | Shell grounded | Shell grounded |

Performance Parameters

|  |  |
| --- | --- |
| **Physical Features** | |
| Dimension(W×H×D) | 137×80×62mm |
| Power Dissipation | 7W |
| **Physical Features** | |
| Program Memory | 12KB,8KB for common users，4KBfor encrypted user |
| Data Memory | 8KB |
| Power-failure retention power | button battery |
| **General Features** | |
| Timers in total        1ms        10ms        100ms | 128（T0-T127）  4  16  108 |
| Counters in total | 128(button battery) |
| Internal Memory Bits | 256(button battery) |
| ime interrupts | 2×1ms resolution |
| Edge interrupts | 4 rising edges/ falling edges |
| Boolean execution speed | 0.5µs |
| Float execution speed | 16µs |
| Runtime clock | support |
| **Integrated Communication Features** | |
| Communication ports | 2 (DB9 port)；  POTT0:PPI/Freeport, RS485  POTT1:PPI/Freeport, RS485 |
| PPI Baud Rate | PPI Baud Rate |
| Baud Rate of Freeport | 1.2k to 115.2kbps |
| Maximum cable length per segment  Isolated repeater applied  Isolated repeater unapplied | When it is 1200 m, 38.4k.  50m |
| Maximum number of stations | 32 stations per segment,126stations per network |
| Maximum number of masters | 16 |
| Point to point (PPI Mater Mode) | no |
| **Power Function** | |
| Input voltage range | 20.4 to 28.8 VDC ，meter protector against fraud protection |
| Provide for extended bus + 5 V power supply | support，500mA |
| 24 VDC power supply sensor | no |
| **I/O Features** | |
| Number of integrated Digital inputs | 12 |
| Input type | Sink/Source |
| Digital output points | 8 |
| Output type | relay，dry contacts |
| Digital I/O mapping area | 128 (64Input/64Output) |
| Analog I/O mapping area | 32(16Input/16Output) |
| Maximum number of expandable I/O modules | 3 |
| Maximum number of digital I/O | 116 |
| Maximum number of analog I/O | 16AI/8AO |
| Pulse catch inputs | 12 |
| High-speed counters  Amount  Single phase counters  Two phase counter | 4×50KHz，support HSC0、HSC1、HSC2 and nonsupport HSC3，nonsupport HSC4 and HSC5  1×30KHZ，support 9，HC0 |
| **Digital Input Features** | |
| Integrated Digital Input | 12 |
| Input type | Sink/Source |
| Rated Voltage | 24V DC |
| Maximum continuous permissible voltage | 30V DC |
| Logical 1 Signal (minimum)  Logical  0 Signal (Maximum ) | 14 VDC，2.5mA  5 VDC，1mA |
| Isolation( field side  and logical circuit)  Optical isolation(Galvanic)  Isolation group | 500V AC，1 minute |
| Simultaneous Inputs | 14 |
| Maximum cable length  Shielded  Unshielded | 500 m(standard input)、50m(high-speed counter input)  300 m( standard input) |
| **Digital Output Features** | |
| Number of integrated digital output | 8 |
| Output type | relay，dry contacts |
| Maximum rated current of each output  Surge Current | 2A  5A，4S@10% duty ratio |
| Lamp load(Max) | 30 WDC/200WAC |
| On- state resistance | 0.2ohm |
| Simultaneous output | 8 |
| Two parallel outputs | only when the two outputs are in the same group |
| Maximum cable length  Shielded    Unshielded | 500m(standard output)  150m(standard output) |
| **Analog Input Features** | |
| Input number | 4 |
| input mode | single-ended input |
| Input voltage range | +/-10V |
| Full range range | -32000～+32000 |
| Input impedance | >100K |
| Maximum input voltage | 30V |
| Resolution | 11bit |
| isolation | no |
| Analogue to digital conversion time | 50mS |
| step response | 200ms,(0-32000,0-95%) |
| Noise suppression | Typical values：-40dB◎50HZ |
| **Analog Output Features** | |
| Output number | 2 |
| Voltage signal range | 0～10V |
| Full range range | 0～32000 |
| Resolution | 12bit |
| isolation | no |
| short-circuit protection | need |
| Maximum output driver  Voltage output | 5000Ωminimum |