



## Tehničke specifikacije

<b>Physical Features</b>	
Dimension(W×H×D)	137×80×62mm
Power Dissipation	7W
<b>Memory Features</b>	
Program Memory	48KB,24KB for common users , 24KB for encrypted users
Data Memory	10KB , Can be extended to 110KB
Ultra capacitor	112hours
External battery	200hours
<b>General Features</b>	
Timers in total	256
1ms	4
10ms	16
100ms	236
Counters in total	256(ultra capacitor backup)
Internal Memory Bits	256(ultra capacitor backup)
Power-failure retention of internal memory	112 ( EEPROM backup )
Time interrupts	2×1ms resolution
Edge interrupts	4 rising edges/ falling edges
Simulation potentiometer	Double 8 bit resolution
Boolean execution speed	0.15μs
Float execution speed	8μs
Runtime clock	built-in
Power Supply	
+5V	660mA
24V	280mA

<b>Integrated Communication Features</b>	
Communication ports	2 (DB9 port) ; POTT0:PPI/Freeport, RS485 POTT1:PPI/Freeport, RS485
PPI Baud Rate	9.6, 19.2kbps and 187.5kbps
Baud Rate of Freeport	1.2k to 115.2kbps
Maximum cable length per segment	When it is 1200 m, 38.4k.
Isolated repeater applied	
Isolated repeater unapplied	50m
Maximum number of stations	32 stations per segment,126stations per network
Maximum number of masters	32
Point to point (PPI Mater Mode)	8 , 2 reserves
<b>Power Function ( CANopen )</b>	
Communication interface	1 ( 4 hole terminals )
<b>I/O Features</b>	
Number of integrated Digital inputs	14
Input type	Sink/Source
Digital output points	10
Output type	Solid-MOSFET(Source)
Digital I/O mapping area	256 (128Input/128Output )
Analog I/O mapping area	64(32Input/32Output)
Maximum number of expandable I/O modules	7
Pulse catch inputs	14
High-speed counters	6 ( HSC0 and HSC1 )
Amount	
Single phase counters	
wo phase counter	4×20KHZ
<b>Digital Input Features</b>	
Integrated Digital Input	14
Input type	Sink/Source
Rated Voltage	24V DC
Maximum continuous permissible voltage	30V DC
Logical 1 Signal (minimum)	18 VDC , 2.5mA
Logical 0 Signal (Maximum )	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)
<b>Digital Output Features</b>	
Number of integrated digital output	10
Output type	Solid-MOSFET(Sink)
Maximum rated current of each output Surge Current	0.5A 8A , 100 millisecond
Lamp load(Max)	3.75W
On- state resistance	0.3 ohm , Max: 0.6 ohm
High-speed pulse output	2×50KHZ Support MC_PTP_R/MC_SPEED_CTRL etc. of CPU, do not support
Simultaneous output	10
Two parallel outputs	only when the two outputs are in the same group
Maximum cable length Shielded Unshielded	500m(standard output) 150m(standard output)