Pars Mechatronic
AUTOMATION SOLUTIONS

پارس مکاترونیک

تامین تجهیزات،مشاوره و اجرا،
آموزش سیستم های اتوماسیون
صنعتی و رباتیک

☎ +98 21 33993436-9

🖨 +98 21 3353 0813

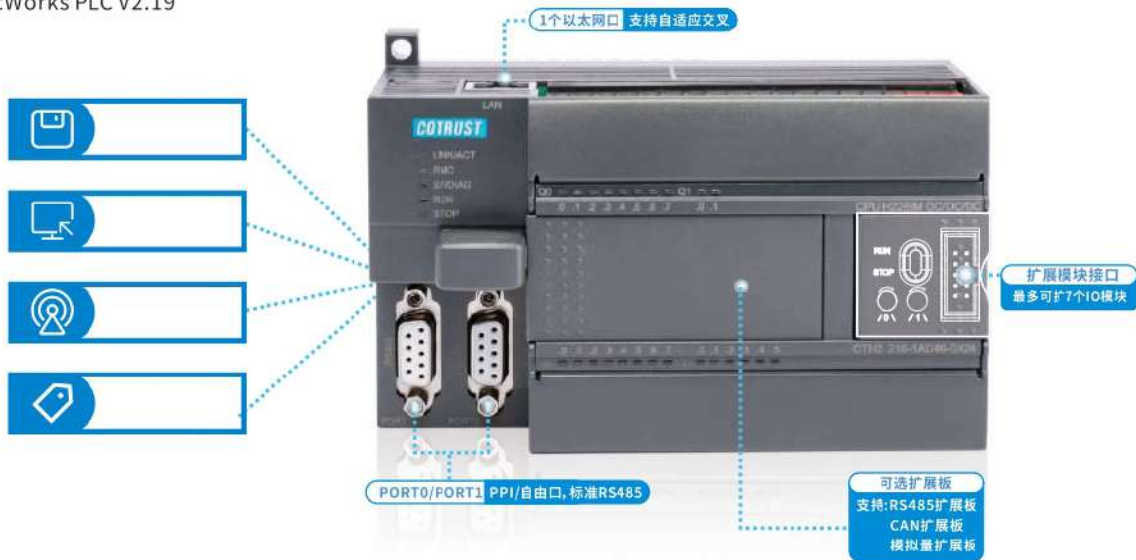📱 +98 919 9999 0225

✉ INFO@parsmechatronic.com

🌐 www.parsmechatronic.com

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CTH200

COTRUST CTH200 series PLC products is a stable,dependable performance Ethernet PLC products based on the demand of industry 4.0
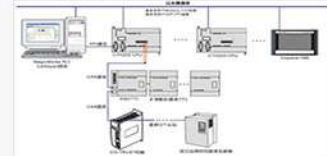
◎ **PLC**.

MagicWorks PLC V2.19

1个以太网口 支持自适应交叉

PORT0/PORT1 PPI/自由口,标准RS485

可选扩展板
支持:RS485扩展板
CAN扩展板
模拟量扩展板

扩展模块接口
最多可扩7个IO模块

CTH200 series

Ethernet communication:support remote programming,debugging, remote monitoring and data exchange between CPU

.CPU standard configure Ethernet interface, integrates powerful Ethernet communication function

Through a common Ethernet cable can download the program to PLC saved the special programming cable, not only convenient but also effectively reduce the cost

Through the Ethernet interface also can communicate with other CPU module, touch panel, computer, easy to networking

New extension board: extension board directly to use without setting

.CTH200 support one extension board,extension up to seven module in bus

,New hardware design can be extension communication port, analog channel
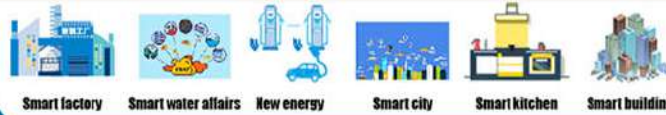,on the premise of no additional takes up electric control cabinet space
.extension board can more meet requirement of users
. Not only promote the utilization of the product, but also reduce the cost of the extension

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COTRUST MiCo —— Remote solution for industrial Interconnection

CTH200 CPU   CTH200 CPU   Copanel HMI   MagicWorks PLC

Internet

Phone   PAD   Android \ PC   iOS下载

Business application
Smart factory   Smart water affairs   New energy   Smart city   Smart kitchen   Smart building

MiCo platform
upload/download program   Local and remote screen sharing   Multi-platform remote monitoring   Multi-user scenario sharing   Permission management

3G、4G、5G、WIFI、Ethernet Access network

Data acquisition
HMI   Ethernet PLC   Gateway module

Equipment
instrumentation   Water supply equipment   Industrial robot   Building equipment   Production equipment

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CTH200

COTRUST CTH200 series PLC products is a stable,dependable performance Ethernet PLC products based on the demand of industry 4.0.Two programming platform can be switching .each other,easy to use

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▶ **3x100KHZ motion control output**   ▶ CAN and RS485 expansion boards

▶ 2-PPI/FPORT port, 1 Ethernet port   ▶ support S7 protocol

Order No CTH2 216-1AD46-0X24

Specification : CPU H226IM : 128KB program memory+64KB Secret library+64KB Secret library
64KB data memory+100KB extension V section, 24VDC power supply
14DI/10DQ transistor output, 0.5A , 2 PPI/FPORT port, 1 Ethernet port
3-100KHZ motion control output(Pulse/Dir) or 2*20KHz (PTO/PWM
Data permanent stored.Support Analog,CAN and RS485 expansion boards,support S7 protocol

Order No CTH2 216-1BD46-0X24

Specification : 128KB program memory+64KB Secret library+64KB Secret library
64KB data memory+100KB extension V section
24VDC power supply, 14DI/10DQ relay output, 2A,Support Analog

24 14DI/10DQ **CPU H226IM**

▶ **3x100KHZ motion control output**   ▶ CAN and RS485 expansion boards

▶ 2-PPI/FPORT port, 1 Ethernet port   ▶ support S7 protocol

Order No CTH2 216-2AD46-0X40

Specification : 128KB program memory+64KB Secret library+64KB Secret library
64KB data memory+100KB extension V section, 24VDC power supply
24DI/16DQ transistor source output, 0.5A,2 PPI/FPORT port, 1 Ethernet port
3-100KHZ motion control outputr(Pulse/Dir) or 2*20KHz (PTO/PWM,
Data permanent stored.Support Analog,CAN and RS485 expansion boards,support S7 protocol

Order No CTH2 216-2BD46-0X40

Specification : H226IL,128KB program memory+64KB Secret library+64KB Secret library
64KB data memory+100KB extension V section,
24VDC power supply, 24DI/16DQ relay output, 2A,2 PPI/FPORT port,
1Ethernet port.Data permanent stored.Support Analog,CAN and RS485 expansion boards,support S7 protocol

40 24DI/16DQ **CPU H226IL**

▶ **4x200KHZ motion control output**   ▶ CAN and RS485 expansion boards

▶ 2-PPI/FPORT port, 1 Ethernet port   ▶ support S7 protocol

Order No CTH2 216-1AH46-2B24

Specification : CPU H226IH : 128KB program memory+64KB Secret library+64KB Secret library
64KB data memory+100KB extension V section, 24VDC power supply
14DI/10DQ transistor output, 0.5A , 2 PPI/FPORT port, 1 Ethernet port
4-200KHz motion control leakage type output, support single phase 6* 200kHz/dual phase 4* 200kHz
support single axis (positioning, return to the original and speed, etc.), arc/straight line interpolation
continuous interpolation function .Data permanent stored.Support Analog

24 14DI/10DQ **CPU H226IH**

CPU

▶ Order No: **CTH2 214-1BA33-0X24**

Specification : CPU H224 basic:12KB program memory/8KB data memory,220VAC power supply,14DI*10DO relay output,2A,1*PPI,1*FPORT,1*Ethernet

14DI*10DO **CPU H224**

▶ Order No: **CTH2 216-2BA33-0X40**

Specification : CPU H226L basic:12KB program memory/8KB data memory,220VAC power supply,24DI*16DO relay output,2A,2*PPI/FPORT,1*Ethernet port,support analog expansion

24DI*16DO **CPU H226L**

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CPU

CPU H224

► Order No :CTH2 214-1AD33-0X24

12KB program memory/8KB data memory,24VDC power supply,14DI*10DO,transistor output,0.5A,1*PPI,1*FPORT,1*Ethernet port,3*50KHz motion control output

► Order No :CTH2 214-1BD33-0X24

12KB program memory/8KB data memory,220VAC power supply,14DI*10DO,relay output,2A,1*PPI,1*FPORT,1*Ethernet port

CPU H226M

► Order No :CTH2 216-1AD33-0X24

12KB program memory/8KB data memory,24VDC power supply,14DI*10DO,transistor output,0.5A,2*PPI/FPORT,1*Ethernet port,3*50KHz motion control output(do not support CAN expansion board and SM253

► Order No :CTH2 216-1BD33-0X24

12KB program memory/8KB data memory,220VAC power supply,14DI*10DO,relay output,2A,2*PPI/FPORT,1*Ethernet port(do not support CAN expansion board and SM253

CPU H226L

► Order No :CTH2 216-2AD33-0X40

128KB program memory+64KB Secret library+64KB Secret library, 64KB data memory+100KB extension V section, 24VDC power supply, 24DI/16DQ transistor source output, 0.5A,2 PPI/FPORT port

► Order No :CTH2 216-2BD33-0X40

128KB program memory+64KB Secret library+64KB Secret library, 64KB data memory+100KB extension V section, 24VDC power supply, 24DI/16DQ relay output, 2A , 2 PPI/FPORT port, 1

CPU

CPU H224X (V5)

► Order No :CTH2 214-1AX35-0X24

16KB program memory,108KB data memory,24VDC power supply,14DI/10DQ transistor output,0.5A ,1 PPI port,1 FPORT,1 Ethernet port,2*50KHZ motion control output(Pulse/Dir or PTO/PWM).Data permanent stored.Support Analog and CAN extension boards

► Order No :CTH2 214-1BX35-0X24

16KB program memory,108KB data memory,220VAC power supply,14DI/10DQ relay output,2A,1 PPI port,1 FPORT,1 Ethernet port.Data permanent stored.Support Analog and CAN expansion boards

CPU H226XM (V5)

► Order No :CTH2 216-1AX35-0X24

72KB program memory,110KB data memory,24VDC power supply,24DI/16DQ transistor output,0.5A ,2 PPI/FPORT port,1 Ethernet port,2*50KHZ motion control output.Data permanent stored.Support Analog,CAN and RS485 expansion boards

► Order No :CTH2 216-1BX35-0X24

72KB program memory,110KB data memory,220VAC power supply,24DI/16DQ relay output,2A,2 PPI/FPORT port,1 Ethernet port.Data permanent stored.Support Analog,CAN and RS485 expansion boards

CPU H226XL (V5)

► Order No :CTH2 216-2AX35-0X40

72KB program memory,110KB data memory,24VDC power supply,24DI/16DQ transistor output,0.5A ,2 PPI port/FPORT,1 Ethernet port,2*50KHZ motion control output(Pulse/Dir or PTO/PWM).Data permanent stored.Support Analog,CAN and RS485 expansion boards

► Order No :CTH2 216-2BX35-0X40

72KB program memory,110KB data memory,220VAC power supply,24DI/16DQ relay output,2A,2 PPI port/ FPORT,1 Ethernet port.Data permanent stored.Support Analog,CAN and RS485 expansion boards

CPU H228XL

► Order No :CTH2 218-3BX33-0X60

96KB program memory/110KB data memory,220VAC,36DI/24DO relay output,2A,2 PPI/FREE port,1 Ethernet port

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cpu

CTH200

CPU H226IM (I6)	128KB program memory+64KB Secret library+64KB Secret library, 64KB data memory+100KB extension V section, 24VDC power supply, 14DI/10DQ transistor output, 0.5A, 2 PPI/FPORT port, 1 Ethernet port, 3*100KHZ motion control output(Pulse/Dir) or 2*20KHz (PTO/PWM).Data permanent stored.Support Analog,CAN and RS485 expansion boards,support S7 protocol.	CTH2 216-1AD46-0X24
CPU H226IM (I6)	128KB program memory+64KB Secret library+64KB Secret library, 64KB data memory+100KB extension V section, 24VDC power supply, 14DI/10DQ relay output, 2A, 2 PPI/FPORT port, 1 Ethernet port.Data permanent stored.Support Analog,CAN and RS485 expansion boards,support S7 protocol.	CTH2 216-1BD46-0X24
CPU H226IL (I6)	128KB program memory+64KB Secret library+64KB Secret library, 64KB data memory+100KB extension V section, 24VDC power supply, 24DI/16DQ transistor source output, 0.5A, 2 PPI/FPORT port, 1 Ethernet port, 3*100KHZ motion control outputr(Pulse/Dir) or 2*20KHz (PTO/PWM).Data permanent stored.Support Analog,CAN and RS485 expansion boards,support S7 protocol.	CTH2 216-2AD46-0X40
CPU H226IL (I6)	128KB program memory+64KB Secret library+64KB Secret library, 64KB data memory+100KB extension V section, 24VDC power supply, 24DI/16DQ relay output, 2A, 2 PPI/FPORT port, 1 Ethernet port.Data permanent stored.Support Analog,CAN and RS485 expansion boards,support S7 protocol.	CTH2 216-2BD46-0X40
CPU H226IH (I6)	128KB program memory+64KB Secret library+64KB Secret library, 64KB data memory+100KB extension V section, 24VDC power supply, 14DI/10DQ transistor output, 0.5A, 2 PPI/FPORT port, 1 Ethernet port, 4* 200KHz motion control leakage type output, support single phase 6* 200kHz/dual phase 4* 200kHz, support single axis (positioning, return to the original and speed, etc.), arc/straight line interpolation, continuous interpolation function .Data permanent stored.Support Analog,CAN and RS485 expansion boards,support S7 protocol	CTH2 216-1AH46-2B24

CTH200 CPU

CPU H224X: (V5	16KB program memory,108KB data memory,24VDC power supply,14DI/10DQ transistor output,0.5A ,1 PPI port,1 FPORT,1 Ethernet port,2*50KHZ motion control output(Pulse/Dir or PTO/PWM).Data permanent stored.Support Analog and CAN extension boards	CTH2 214-1AX35-0X24
CPU H224X: (V5	16KB program memory,108KB data memory,220VAC power supply,14DI/10DQ relay output,2A,1 PPI port,1 FPORT,1 Ethernet port.Data permanent stored.Support Analog and CAN expansion	CTH2 214-1BX35-0X24
CPU H226XM: (V5	72KB program memory,110KB data memory,24VDC power supply,24DI/16DQ transistor output,0.5A ,2 PPI/FPORT port,1 Ethernet port,2*50KHZ motion control output.Data permanent stored.Support Analog,CAN and RS485 expansion boards	CTH2 216-1AX35-0X24
CPU H226XM: (V5	72KB program memory,110KB data memory,220VAC power supply,24DI/16DQ relay output,2A,2 PPI/FPORT port,1 Ethernet port.Data permanent stored.Support Analog,CAN and RS485 expansion boards	CTH2 216-1BX35-0X24
CPU H226XL: (V5	72KB program memory,110KB data memory,24VDC power supply,24DI/16DQ transistor output,0.5A ,2 PPI port/FPORT,1 Ethernet port,2*50KHZ motion control output(Pulse/Dir or PTO/PWM).Data permanent stored.Support Analog,CAN and RS485 expansion boards	CTH2 216-2AX35-0X40
CPU H226XL: (V5	72KB program memory,110KB data memory,220VAC power supply,24DI/16DQ relay output,2A,2 PPI port/ FPORT,1 Ethernet port.Data permanent stored.Support Analog,CAN and RS485 expansion boards.	CTH2 216-2BX35-0X40
CPU H228XL:	96KB program memory/110KB data memory,220VAC,36DI/24DO relay output,2A,2 PPI/FREE port,1 Ethernet port	CTH2 218-3BX33-0X60
CPU H224:	12KB program memory/8KB data memory,220VAC power supply,14DI*10DO relay output,2A,1*PPI,1*FPORT,1*Ethernet port,support analog expansion board,and expansion module are not supported.	CTH2 214-1BA33-0X24
CPU H226L:	12KB program memory/8KB data memory,220VAC power supply,24DI*16DO relay output,2A,2*PPI/FPORT,1*Ethernet port,support analog expansion board,and expansion module are not supported.	CTH2 216-2BA33-0X40
CPU H224:	12KB program memory/8KB data memory,24VDC power supply,14DI*10DO,transistor output,0.5A,1*PPI,1*FPORT,1*Ethernet port,3*50KHz motion control output	CTH2 214-1AD33-0X24
CPU H224:	12KB program memory/8KB data memory,220VAC power supply,14DI*10DO,relay output,2A,1*PPI,1*FPORT,1*Ethernet port	CTH2 214-1BD33-0X24

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CTH200 CPU

CPU H226M:	12KB program memory/8KB data memory,24VDC power supply,14DI*10DO,transistor output,0.5A,2*PPI/FPORT,1*Ethernet port,3*50KHz motion control output(do not support CAN expansion board (and SM253	CTH2 216-1AD33-0X24
CPU H226 M:	12KB program memory/8KB data memory,220VAC power supply,14DI*10DO,relay (output,2A,2*PPI/FPORT,1*Ethernet port(do not support CAN expansion board and SM253	CTH2 216-1BD33-0X24
CPU H226L:	12KB program memory/8KB data memory,24VDC power supply,24DI*16DO,transistor output,0.5A,2*PPI/FPORT,1*Ethernet port,3*50KHz motion control output(do not support CAN expansion board (and SM253	CTH2 216-2AD33-0X40
CPU H226L:	12KB program memory/8KB data memory,220VAC power supply,14DI*10DO,relay (output,2A,2*PPI/FPORT,1*Ethernet port(do not support CAN expansion board and SM253	CTH2 216-2BD33-0X40

CTH200

SM 221: Digital Input Module, 8 inputs, DC 24V	CTH2 221-1BF32
SM 221: Digital Input Module, 16 inputs, DC 24V	CTH2 221-1BH32
SM 221: Digital Input Module, 32 inputs, DC 24V	CTH2 221-1BL32
SM 222: Digital output module, Transistor output, 8*24VDC, 0.5A	CTH2 222-1BF32
SM 222: Digital output module, Transistor output, 8*24VDC, 0.5A	CTH2 222-1DF32
SM 222: Digital output module, Transistor output, 16*24VDC, 0.5A	CTH2 222-1BH32
SM 222: Digital output module, Transistor output, 32*24VDC, 0.5A	CTH2 222-1BL32
SM 222: Digital output module, 8*Relay output, 2A	CTH2 222-1HF32
SM 222: Digital output module, 16*Relay output, 2A	CTH2 222-1HH32
SM 223: Digital Input/Output module, Transistor output, 4*24VDC, 0.5A	CTH2 223-1BF32
SM 223: Digital Input/Output module, Transistor output, 8*24VDC, 0.5A	CTH2 223-1BH32
SM 223: Digital Input/Output module, Transistor output, 16*24VDC, 0.5A	CTH2 223-1BL32
SM 223: Digital Input/Output module, Relay output, 4*24VDC, 2A	CTH2 223-1HF32
SM 223: Digital Input/Output module, Relay output, 8*24VDC, 2A	CTH2 223-1PH32
SM 223: Digital Input/Output module, Relay output, 16*24VDC, 2A	CTH2 223-1PL32
SM 231: Analog input module, 4AI *12Bit, Voltage or Current input, Isolation	CTH2 231-0HC32
SM 231: Analog voltage input, 8*16BIT, optocoupling isolation	CTH2 231-0HF32
SM 231: Analog current input, 8*16BIT, optocoupling isolation	CTH2 231-1HF32
SM 231: Analog voltage input module,8AI,±2.5V,0~10V,0~5V Voltage input,dual-channel can choise 0~20mA cuttent input, Isolation	CTH2 231-5HF32
SM 231: Temperature Modules, 2NTC/PT100, 16BIT, Isolation	CTH2 231-7ND32
SM 231: Temperature Modules, 8NTC/PT100, 16BIT, Isolation	CTH2 231-7NF32
SM 231: RTD measuring module,2AI×RTD,16Bit precision,Isolation	CTH2 231-7PB32
SM 231: RTD measuring module,4AI×RTD,16Bit precision,Isolation	CTH2 231-7PC32

CTH200	
SM 231: Thermocouple input module,4*TC, J/K/R/S/T/E/N, 16Bit precision	CTH2 231-7PD32
SM 231: Thermocouple input module,8*TC, J/K/R/S/T/E/N, 16Bit precision	CTH2 231-7PF32
SM 231: TC PID Modules, 4AI×TC PID, J/K, 16Bit precision,Isolation	CTH2 231-7TD32
SM 231: TC PID Modules, 8AI×TC PID, J/K, 16Bit precision,Isolation	CTH2 231-7TF32
SM 231: TC PID Modules, 8AI×TC PID,0-20MA/4-20MA, J/K, 16Bit precision,Isolation	CTH2 231-7HF32
SM 231:	CTH2 231-7WA33
SM 231: Uni-channel weighing transducer, 16Bit, sampling rate50Hz,0.01% module accuracy,6VDC*150MA power supply	CTH2 231-7WA32
SM 231: Six-channel weighing transducer,16Bit,6 sensor signal input, 6VDC excitation power output, isolation 16 bit accuracy	CTH2 231-7WF32
SM 232: Analog output module, 2AQ ,±10V voltage or 0~20mA current output.Isolation	CTH2 232-0HB32
SM 232: Analog output module, 4AQ ,±10V voltage or 0~20mA current output.Isolation	CTH2 232-0HD32
SM 235:Analog I/O module, 4 voltage current input/1 voltage current output.Isolation.Voltage 12bit precision or	CTH2 235-0KD32
SM 253:Positioning control module, single phase or A/B phase HSC input, 2*200KHz, 2PTO/PWM output, 200KHz.Motion control library （H224、H226M、H226L不支持）	CTH2 253-1BH32
SM277A: PROFIBUS-DP Slave Station Modules, Communication rate 12M, Isolation	CTH2 277-0AA32
SM277B: PROFIBUS-DP Slave Station Modules, Communication rate 1.5M, Isolation	CTH2 277-0AB32
SM277C: CANopen slave modules, 8DI/6DO. Isolation	CTH2 277-0AC32
SM277PN: CTH200 series Profinet slave module can extend up to 8 CTH200 series IO modules	CTH2 277-0PN32
SM277PN:	CTH2 277-0PN36
EBH-CAN: CAN master communication expand module,1Mbps, Isolation	CTH2 CAN-01S1-EB
EBH-CAN: CAN master communication expand module,1Mbps, Isolation.CAN hardware configuration blocks and	CTH2 CAN-01S2-EB
EBH-AMS: EBH-AMS: 2*12Bit precision voltage input, 1*12Bit precision voltage/current output	CTH2 AMS-03S1-EB
EBH-AMS: EBH-AMS: 4*12Bit precision voltage input, 2*12Bit precision voltage output	CTH2 AMS-06S1-EB
EBH-AMS: EBH-AMS: 4*12Bit precision voltage input, 2*12Bit precision current output	CTH2 AMS-06S2-EB
EBH-485: channel RS485 communication extension board, isolation.Apply for*1 ; (CTSC-200 (V5) series CPU (226M、226L、226I、226H	CTH2 485-01S1-EB
PLC Backup battery	CTH2 291-8BA33

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☎ +98 21 33993436-9
🖨 +98 21 3353 0813
📱 +98 919 9999 0225
✉ INFO@parsmechatronic.com
🌐 www.parsmechatronic.com