

MDPLC-T20



MDPLC-T16



MDPLC-T32



EtherCAT

MDPLC-T20

MDPLC-T20 EtherCAT Motion controller

- Dual EtherCAT master station design, information, digital super simple, up to 128 axes.Ims synchronization cycle 32 axes
- Built-in UPS design,no external connection,save UPScost
- Provides easy-to-use EtherCAT control+ driver complete solution and applicationPoint and CAM and other scenarios of programming template program.
- The minimum EtherCAT cycle can be set to 500us(different drives vary), 32 axes synchronization period 1ms.
  Three-port design (EtherNet +2*EtherCAT)
- Network connection based on EtherNet/iP and OPc UA, that is, compatible with traditional
- Too network, but also support industrial control of high real-time transmission, easy to build production line level networkNetwork communication



EtherCAT

MDPLC-T16

MDPLC-T16 EtherCAT Motion controller

1、Using NXP hardware platform development
2、MDPLC-T16 supports 8 axes and 16 axes respectively
3、The host can be expanded to 8 modules
4、Standardization, support IEC standard programming language and PLCopen function block
5、Including linear interpolation, arc interpolation, electronic gear, electronic CAM and other functional blocks



EtherCAT

MDPLC1532

MDPLCT32 EtherCAT Motion controller

1、Using NXP hardware platform development
2、MDPLC-T16 supports up to 32 axes
3、The host can be expanded to 8 modules
4、Standardization, support IEC standard programming language and PLCopen function block
5、Including linear interpolation, arc interpolation, electronic gear, electronic CAM and CNC, robot control and other functional blocks

Developed based on CODESYS platform, it covers three major product lines: medium, small an thin



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MDPLC-T32

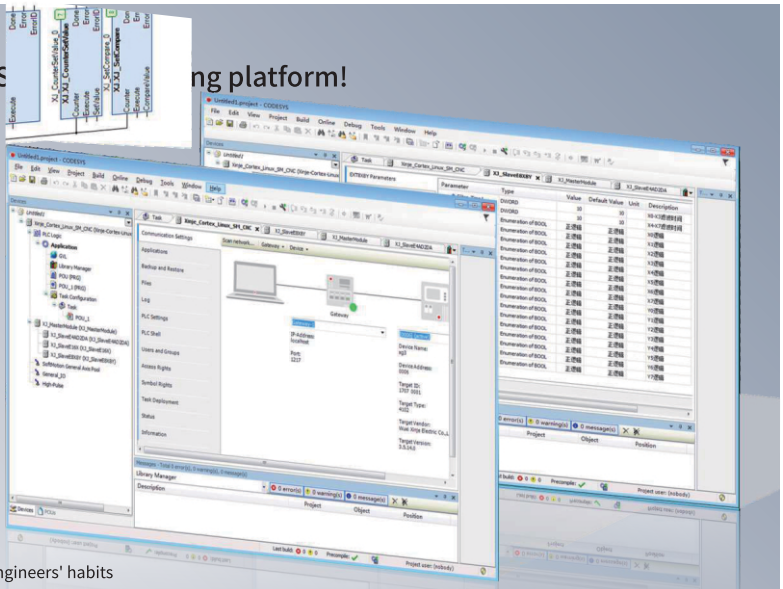
Network control	Multiple communication port
With its 1× Ether-CAT port and 1× Ethernet IP port, it can facilitate the establishment of shaft network and industrial Ethernet, and can be used as a slave station to facilitate and HMI connection	With RS232,485 and other interfaces, can connect a variety of instruments, frequency converter, servo and other third-party equipment
High-speed operation	**Powerful ability to expand**
Choose high-end chip processor, 1.2G main frequency, to achieve fast data processing	Can configure our MDIOC , MDIOD expand digital and analog, temperature module, etc.Easy control of field equipment

Rich control functions
The EtherCAT bus is scalable to 32 axes-128axes

Functional module standard
Supports the IEC61131-3 standard

Strong expansion ability
A variety of industry functional algorithms

Increased efficiency based on CODES ng platform!



PLCopen
ERP MES HMI
IEC 61131-3
C T R L
OPC UA

CODESYS

Fully support PLCOPEN protocol specifications, in line with engineers' habits

Standard functional libraries and FBD can be referenced

Proprietary functional blocks and instruction libraries developed by MADECOTECH based on industry experience

MDPLC-T series



MDPLC-T101

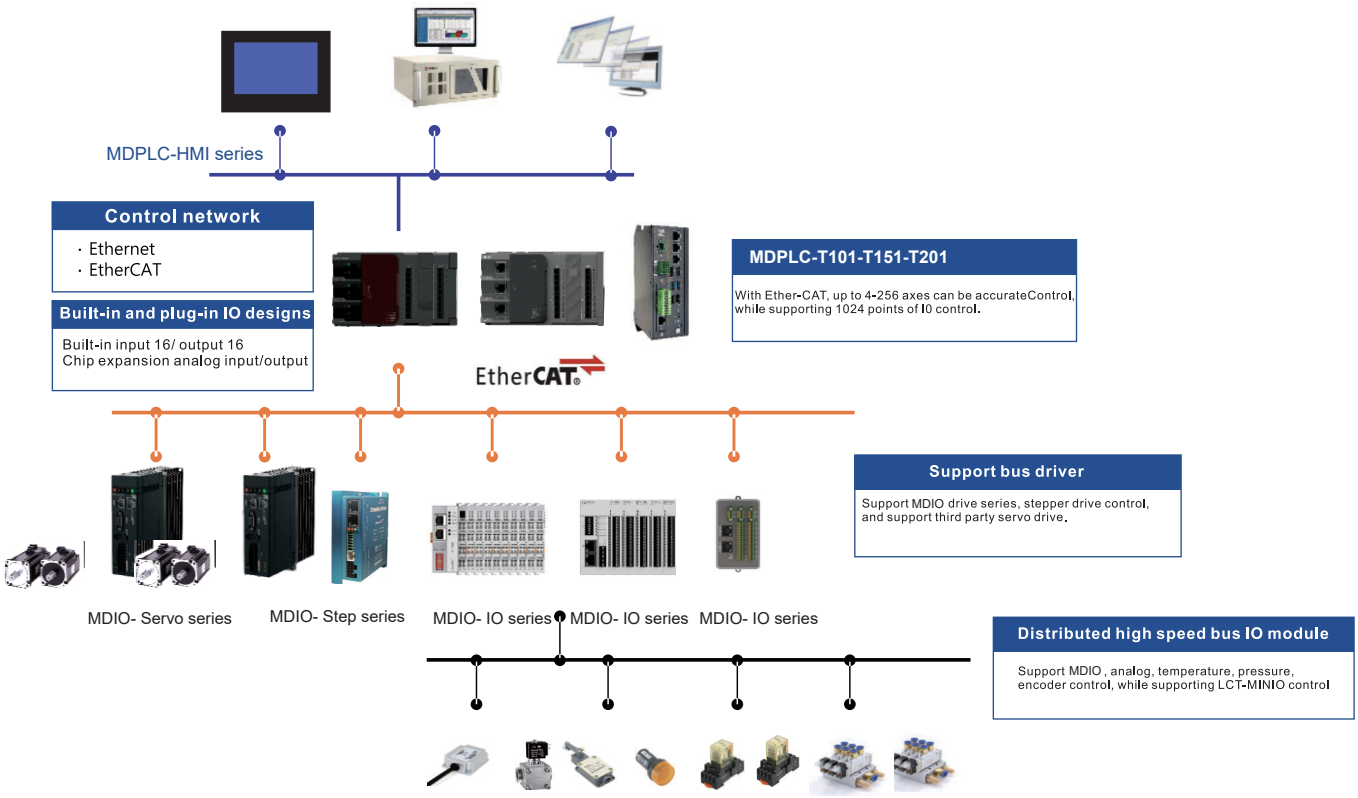


MDPLC-T151



MDPLC-201

Network topology of MDPLC automation system





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