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## PLC

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MX600
MC8000*
MC6000
MC5000

## PLC

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MU400
MU300
MU200
MC700
MC280/MC200E
MC200
MC100
MC160X

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## IO

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MR400
MC5000S

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MDT
MTC/MTCW/MTCV
MTCE
MCAS
MQT

## MZ800

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MZ800

# MX600

## MX600 Series Medium PLC

MX600 256 μs EtherCAT EtherNET/IP
ProfiNet 99.999%
3C

- 16 /250μs 64 /500us 256 /2ms
  20μs

- EtherCAT

IO

- 16 16 8
  8 4 4 AB

- 5 4 USB 5 1 HDMI
  1 DP

- G-code

- EtherCAT OPC UA EtherNet/IP Profinet
  MODBUS RTU MODBUS TCP

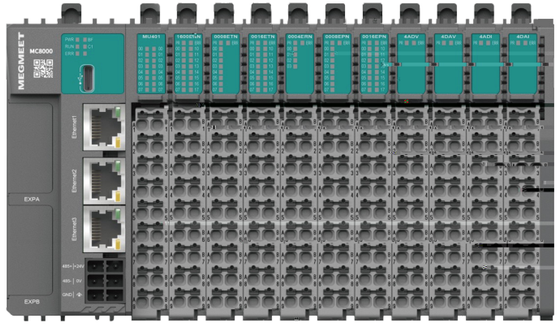
| | | MX610 | MX620 |
|---|---|---|---|
| | | 24V DC -15%~20% | |
| CPU | | N97 2GHz | I3-N305 |
| | | 8GB DDR4 | 16GB DDR4 |
| | | 128GB SSD | 256GB SSD |
| SPI FLASH | | 64Mbit | |
| | RS485 | 3 COM1,COM3,COM4,MODBUS 31 | |
| | RS232 | 1 COM2 MODBUS-RTU | |
| EtherCAT *2 | EtherCAT | 64+64 LAN1,LAN2 | 128+128 LAN1,LAN2 |
| | EtherCAT | 256 | 512 |
| | ModbusTCP / | 3 63 | / |
| | EtherNet/IP / | 1 64 | 32 |
| | Profinet | 1 RT | |
| | OPC UA | 3 | |
| IO | *8 | 8 NPN/PNP | |
| | *8 | 8 NPN | |
| | *8 | 8 200KHZ AB 4 100KHZ | |
| | *8 | 8 4 200KHZ | |
| | | 4 EtherCAT 64+64 | 4 EtherCAT 128+128 |
| | / | 127 | 255 |
| | /CNC | 8 3 | 16 3 |
| | | 8 | |
| | | IEC 61131-3 LD, ST, SFC, CFC | |
| | | | |
| | | 128M Byte | |
| | | Data, Const: 128MB N Memory: 5 MB (%M Variable)M<br>Inputs: 128KB %I Outputs:128KB %Q | |
| | | Persistern: 6MB Retain:1MB Reset Cold | |
| mm | | 160* 55* 147 | |
| kg | | <1.3Kg | |
| SD | | | |
| EMC | | EN61131-2 Zone B | |



# MC8000

## MC8000 Series Medium PLC

MC8000 MEGMEET mOPAX PLC IEC61131-3
LD ST SFC CFC FBD IL
EtherCAT Profinet



*

- 32 ,
  CAN RS485 RS232
- Modbus/EtherCAT/ EtherNet IP/
  Profinet

- A55
- Modbus/EtherCAT/ EtherNet IP/
  Profinet
- 8 200K 8 200K
  + AB

- 1ms/16 EtherCAT 16/
  32/64 EtherCAT

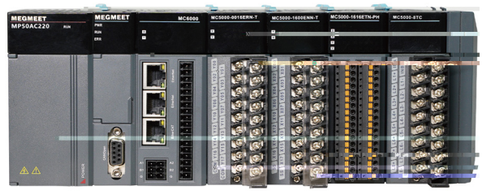
- 12mm
- PUSH in
-

- 10M 20M 512KB

# MC6000

## MC6000 Series Medium PLC

MC6000 MEGMEET Codesys
PLC, EtherCAT
PLCopen IEC61131-3 MC6000
3C



- EtherCAT 2ms/16

- ST SFC FBD CFC LD IL IEC61131-3

- 16MB 12MB 256MB
64KB+4KB TF

- MODBUS RTU/TCP Profinet
CANopen EtherCAT

IO

- 200KHz IO 8*DI+8*DO)

RS485 CAN,USB TF

| | | MC6000 | MC6010 | MC6020 |
|---|---|---|---|---|
| IO | | 16 1024 | | |
| | | 16M | | |
| | | 12MB | | |
| | | 64+4KB | | |
| | | I 128KB Q 128K M 4MB | | |
| IO | ( ) | 24.9ns/ | | |
| | ( ) | 60.9ns/ | | |
| | ( ) | 50.7ns/ | | |
| | ( ) | 50.4ns/ | | |
| | | 4 AB /8 | | |
| | | Y0~Y7 4 200KHz | | |
| | Ethernet | 2 Modbus TCP / | | |
| | RS485 | 2 Modbus RTU / | | |
| | OPC UA | 4 Client | | |
| | | TCP/IP UDP | | |
| | | ST LD FBD SFC CFC IL | | |
| EtherCAT | | 24 | 12 | |
| | | 32 ( ) | | |
| | | 1ms | | |
| | | 24 -4ms | 12 -4ms | |
| | | | | |
| | | 24 | 12 | |
| | /CNC | 2 | 1 | |
| | TF | | | |
| | Type-C | | | |

| MC6010 profinet | |
|---|---|
| | Ethernet CAT6 |
| | ≤100m( ) |
| | 100Mbps |
| | 1*RJ45 |
| RT | 4ms |
| IRT | |
| | 1440 |
| | 1440 |

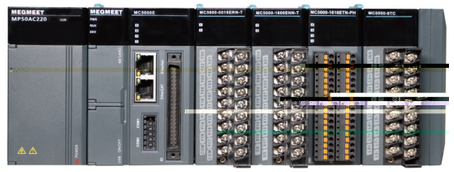
| MC6020Ethernet/IP | |
|---|---|
| | 31 |
| | ≤100m( ) |
| | Ethernet CAT6 |
| | 100Mbps |
| | 1*RJ45 |
| | 504 |
| | 504 |
| CIP | 10 |



# MC5000

## MC5000 Series Medium PLC

MC5000 PLC
EtherCAT G
C MC5000 3C



CPU

- EtherCAT : 250μs
64
- :2M 100K 8PO
38

- 320K C 2M Byte 2M Byte

- 100K 2.2ms

C

- C 2500dmips

- EtherCAT EtherNet/IP MODBUS RTU
MODBUS TCP

MC5 0 0 0 E A 16

| | | | | | | |
|---|---|---|---|---|---|---|
| MC5000 PLC | 0 | 0 | E EtherCAT | A:6 | 2M | 8:8 16:16 |
| | 1 | 1 | M:MECHATROLINK-III* | B 4 | 200K | 32:32 64:64 |
| | 2 | | C CANopen* | | | 0 |
| | | | P:Profibus* | | | |

" * "

| | | MC5200E | MC5101EB | MC5100EA | MC5000EA64 | MC5000E64 | MC5001EB64 |
|---|---|---|---|---|---|---|---|
| IO | | 16 1024 | | | | | |
| | | 320K | | | | | |
| | | 2M | | | | | |
| | ( ) | 6.4ns | | | | | |
| | ( ) | 25ns | | | | | |
| | ( ) | 40ns | | | | | |
| | ( ) | 50ns | | | | | |
| | | 2mS/100K | | | | | |
| | C | 2500dmips | | | | | |
| IO | | - | 4 | 6 | | - | 4 |
| | | - | 2 AB | 1 5V +2 AB | | - | 2 AB |
| IO | | 16 16 | 4 4 | | | 16 16 | 4 4 |
| | | 8 socket Modbus TCP / | | | | | |
| | RS485 | 2 (Modbus RTU / MCbus ) | | | | | |
| | | LD SFC FBD C | | | | | |
| EtherCAT | | - | | | 64 | | |
| | | 8 | | | | | |
| | EtherCAT | 256 | | | | | |
| | | 250us | | | | | |
| | | - | | | 1ms | | |
| | | - | 3 /1 | | | | |
| | | - | 10000 x2 | | | | |
| | CAD | - | | | | | |
| C | C | C | | | | | |
| | | / C | | | | | |
| | | | | | | | |
| | | C | | | | | |
| | USB | | | | | | |
| | SD | | | | | | |

## MC5000

| | | | |
|---|---|---|---|
| | CPU | | |
| | IO | | |
| MC5200E | :16 :16 | - | : |
| MC5100EA | :4 200K 3 1M :4 6 2M | - | : |
| MC5101EB | :8 ( 4 200K ) :8 ( 4 200K ) | - | : |
| MC5000E8 | :16 :16 | EtherCAT 8 | : |
| MC5000E16 | :16 :16 | EtherCAT 16 | : |
| MC5000E32 | :16 :16 | EtherCAT 32 | : |
| MC5000E64 | :16 :16 | EtherCAT 64 | : |
| MC5001EB8 | :8 ( 4 200K ) :8 ( 4 200K ) | EtherCAT 8 | : |
| MC5001EB16 | :8 ( 4 200K ) :8 ( 4 200K ) | EtherCAT 16 | : |
| MC5001EB32 | :8 ( 4 200K ) :8 ( 4 200K ) | EtherCAT 32 | : |
| MC5001EB64 | :8 ( 4 200K ) :8 ( 4 200K ) | EtherCAT 64 | : |
| MC5000EA8 | :4 200K 3 1M :4 6 2M | EtherCAT 8 | : |
| MC5000EA16 | :4 200K 3 1M :4 6 2M | EtherCAT 16 | : |
| MC5000EA32 | :4 200K 3 1M :4 6 2M | EtherCAT 32 | : |
| MC5000EA64 | :4 200K 3 1M :4 6 2M | EtherCAT 64 | : |

## MC6000&MC5000 /5000S IO

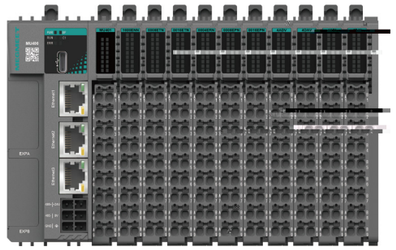
| | | |
|---|---|---|
| | | |
| MP50AC220 | 100~240VAC 24V/2A | AC |
| | IO | |
| MC5000-3232ETN | 32 24VDC /32 | |
| MC5000-1616ETN | 16 24VDC /16 | |
| MC5000-3200ENN | 32 24VDC | |
| MC5000-0032ETN | 32 | |
| MC5000-6400ENN | 64 24VDC | |
| MC5000-0064ETN | 64 | |
| MC5000-1600ENN-T | 16 24VDC | |
| MC5000-0016ERN-T | 16 | |
| MC5000-0016ETN-T | 16 | |
| MC5000-3200ENN-P | 32 IO | |
| MC5000-0032ETN-P | 32 IO | |
| MC5000-1616ETN-PH | 16 24VDC /16 4 | |
| MC5000-1600ENN-P | 16 IO | |
| MC5000-0016ETN-P | 16 IO | |
| MC5000-0016ERN-P | 16 | |
| MC5000-0014EPN-P | 14 | |
| | | |
| MC5000-8PO | 8 200KHZ 1 4 MC5000 | |
| MC5000-4AD/8AD | 4 8 | |
| MC5000-4DA | 4 | |
| MC5000-4PT | 4 | |
| MC5000-4TC/8TC | 4 8 | |
| MC5000-2WT* | 2 | |
| MC5000-4DA-P | 4 | |
| MC5000-6AD-P | 6 | |
| MC5000-8TC-P | 8 | |
| | IO | |
| MC5000S-ET | EtherCAT | EtherCAT |
| MC5000S-EIP | EtherNeT/IP | EtherNet/IP |
| MC5000S-PN | ProfiNet | ProfiNet |
| | | |
| MCA05-100L | 1m | |
| MCA05-150L | 1.5m | |
| MCA15-40P | 40PIN | |

# MU400

MU400 Series Small PLC

MU400 mOPAX PLC IEC-61121-3/PLCopen LD ST FBD

12mm 16 ,



- 16
- 2

CAN RS485 RS232

- 8 200K 8 200K

+ AB

EtherCAT

- 2ms/4
- EtherCAT 8

- 12mm
- PUSH in
-

| | | x x |
|---|---|---|
| MU401 | 8 DC24V 8 -16 4 | 105mm x 90mm x 85mm |
| MU402 | 8 DC24V 8 -8 4 | |

| | | x x |
|---|---|---|
| MR400-4ADI | 4 | 80.7mm x 15.7mm x 107mm |
| MR400-4ADV | 4 | |
| MR400-4DAI | 4 | |
| MR400-4DAV | 4 | |
| MR400-0004ERN | 4 | |
| MR400-0008EPN | 8 PNP | |
| MR400-0008ETN | 8 NPN | |
| MR400-0016EPN | 16 PNP | |
| MR400-0016ETN | 16 NPN | |
| MR400-0800ENN | 8 | |
| MR400-1600ENN | 16 | |
| MR400-P2000 | | |

# MU300

## MU300 Series Small PLC

MU300 MEGMEET PLC CPU EtherCAT/CANopen

3C

- IO 240
- 12 2

### EtherCAT

- 500μs, 16
- 1*EtherCAT+2*EtherNet 32

- ARM+FPGA
- 8 200K 4 100K AB CW/ CCW +
-

- MODBUS CAN CANopen
- EtherNet/IP USB MODBUS-TCP 5 Socket 20
- USB

### AC

| | | x x |
|---|---|---|
| MU300-0808BTA16 | 8 DC24V 8 -16 4 | 105mm x 90mm x 85mm |
| MU300-0808BTA8 | 8 DC24V 8 -8 4 | |
| MU300-1210BTA16 | 12 DC24V 10 -16 4 | |
| MU300-1210BTA8 | 12 DC24V 10 -8 4 | |
| MU300-1210BRA16 | 12 DC24V 10 -16 | |
| MU300-1210BRA8 | 12 DC24V 10 -8 | |
| MU300-2424BTA16 | 24 DC24V 24 -16 8 | 180mm x 90mm x 85mm |
| MU300-2424BTA8 | 24 DC24V 24 -8 8 | |



# MU200

## MU200 Series Small PLC

MU200 PLC ARM+FPGA RS232/RS485/

12 200K 8 3C

- MODBUS CAN CANopen
- USB , MODBUS-TCP , 5 Socket 20

- IO 272
- 12 2

- ARM+FPGA
- 12 200K 8
-

-
-
- C
-
-
-

### AC

| | | x x |
|---|---|---|
| MU200-4040BTA | 40 DC24V 40 | 246mm x 90mm x 85mm |
| MU200-4040BRA | 40 DC24V 40 | |
| MU200-3232BTA | 32 DC24V 32 | 210mm x 90mm x 85mm |
| MU200-3232BRA | 32 DC24V 32 | |
| MU200-2424BTA | 24 DC24V 24 | 180mm x 90mm x 85mm |
| MU200-2424BRA | 24 DC24V 24 | |
| MU200-1616BTA | 16 DC24V 16 | 145mm x 90mm x 85mm |
| MU200-1616BRA | 16 DC24V 16 | |

## IO MU300/MU200

| | | x x |
|---|---|---|
| MU200-0016ERN | 16 | 60mm x 90mm x 85mm |
| MU200-0016ETN | 16 | |
| MU200-1600ENN | 16 DC24V | |
| MU200-0808ERN | 8 DC24V 8 | |
| MU200-0808ETN | 8 DC24V 8 | |

## MU300/MU200

| | | x x |
|---|---|---|
| MU200-4AD | 4 | 60mm x 90mm x 85mm |
| MU200-4DA | 4 | |
| MU200-8AD | 8 | |
| MU200-8TC | 8 | |
| MU200-4PT | 4 | |

## MU300/MU200

| | | x x |
|---|---|---|
| MUE-4X | 4 IO | 38mm x 46.4mm x 11.5mm |
| MUE-4Y | 4 IO | |
| MUE-4XY | 2 2 IO | |
| MUE-2AD | 2 | |
| MUE-2DA | 2 | |
| MUE-2AM | 1 | |
| MUE-RS232 | RS232 | |
| MUE-RS485 | RS485 | |
| MUE-CAN | CAN | |

# MC700

## MC700 Series Motion Controller

MC700 EtherCat C

- EtherCat
- 6 2M 2 2M
- 6 200K 6 200K
- CAD

- 2 RS485 1 RS232 SD

- 320K C 2M Byte 2M Byte

| | | MC700P6 | MC700E |
|---|---|---|---|
| | x x | 260mm x 140mm x 27mm | |
| | | 24V | |
| | Ethernet | 2 | |
| | RS485 | 2 | |
| | RS232 | 1 | |
| 10 | | 6 2M | 4 200KHz |
| | 200KHz | 6 | 6 |
| IO | | 26 | 24 |
| | | 22 | 26 |
| | | 6 2 | EtherCAT |
| | | EIA/TIA-485 | - |
| | | 2MHz | - |
| | | AB / + | - |
| | EtherCAT | COE IO 250us | |
| | | 320K | |
| | C | 2M byte | |
| | SD | 2M byte | |
| | | 2ms/100K | |
| | C | 2400dmips | |
| | | 32 | |
| | | | |
| | | | |
| | | | |
| | G | | |
| | CAD | | |
| | C | | |
| C | | C | C |
| | | | |
| | | | |

# MC280/MC200E

MC280/MC200E Series Motion PLC

MC280/ MC200E MEGMEET ARM+FPGA

0.065μs

- 32K
- R 32K D 4

- 8 100kHz
- 4 AB 100kHz 4
- 5V

- 8 200kHz
- AB
- S
- ,

- 4 1024
- G CAD

MC280

## MC280

| | | | | | | | x x |
|---|---|---|---|---|---|---|---|
| MC280-1616BTA4 | 16 | 24VDC | 16 | 4 | | | 170mm x 90mm x 82mm |
| MC280-1616BTA6 | 16 | 24VDC | 16 | 6 | | | |
| MC280-1616BTA8 | 16 | 24VDC | 16 | 8 | | | |
| MC280-1616BTA8-C | 16 | 24VDC | 16 | 8 | | | |
| MC280-3624BTD4A | 36 | 24VDC | 24 | 4 | 4 | 2 | 275mm x 90mm x 82mm |
| MC280-3624BTD6A | 36 | 24VDC | 24 | 6 | 4 | 2 | |
| MC280-3624BTD8A | 36 | 24VDC | 24 | 8 | 4 | 2 | |
| MC280-4040BTA4 | 40 | 24VDC | 40 | 4 | | | |
| MC280-4040BTA6 | 40 | 24VDC | 40 | 6 | | | |
| MC280-4040BTA8 | 40 | 24VDC | 40 | 8 | | | |

## MC200E

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | x x |
| MC200E-1616BTA4 | 16 | 24VDC | 16 | 4 | | | | | | 170mm x 90mm x 82mm |
| MC200E-1616BTA6 | 16 | 24VDC | 16 | 6 | | | | | | |
| MC200E-1616BTA8 | 16 | 24VDC | 16 | 8 | | | | | | |
| MC200E-3624BTD4A | 36 | 24VDC | 24 | 4 | 4 | 2 | | | | 275mm x 90mm x 82mm |
| MC200E-3624BTD6A | 36 | 24VDC | 24 | 6 | 4 | 2 | | | | |
| MC200E-3624BTD8A | 36 | 24VDC | 24 | 8 | 4 | 2 | | | | |
| MC200E-4040BTA4 | 40 | 24VDC | 40 | 4 | | | | | | |
| MC200E-4040BTA6 | 40 | 24VDC | 40 | 6 | | | | | | |
| MC200E-4040BTA8 | 40 | 24VDC | 40 | 8 | | | | | | |

| | G | | | | | | | I | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 3 | 4 | | I | | | |
| MC280-1616BTA4<br>MC280-1616BTA6<br>MC280-1616BTA8 | | 1 | 1 | 1 | 1 | 1 | 1 | 100KHZ | - | 1 |
| MC280-1616BTA8-C | - | - | - | - | - | - | - | - | 2 | 1 |
| MC280-3624BTD4A<br>MC280-3624BTD6A<br>MC280-3624BTD8A | | 2 | 2 | 2 | 2 | 2 | 2 | 100KHZ | 4 | 8 |
| MC280-4040BTA4<br>MC280-4040BTA6<br>MC280-4040BTA8 | | 2 | 2 | 2 | 2 | 2 | 2 | 100KHZ | 4 | 8 |
| MC200E-1616BTA4<br>MC200E-1616BTA6<br>MC200E-1616BTA8 | - | - | - | - | - | - | - | - | - | 1 |
| MC200E-3624BTD4A<br>MC200E-3624BTD6A<br>MC200E-3624BTD8A | - | - | - | - | - | - | - | - | - | 1 |
| MC200E-4040BTA4<br>MC200E-4040BTA6<br>MC200E-4040BTA8 | - | - | - | - | - | - | - | - | - | 1 |

# MC200

MC200 Series Small PLC

MC200

,

- 12K
- 0.09μs

- IO 512
- 8
- IO

- 85V~280V
-
-

- MCBUS MODBUS OPC
- CAN CANopen
- Ethernet MODBUS TCP/IP

- 8

## AC

| | | x x |
|---|---|---|
| MC200-2012BRA | 20 24VDC 12 | 158mm x 90mm x 82mm |
| MC200-2012BTA | 20 24VDC 12 | |
| MC200-3232BRA | 32 24VDC 32 | 228mm x 90mm x 82mm |
| MC200-3232BTA | 32 24VDC 32 | |
| MC200-4040BRA | 40 24VDC 40 | 275mm x 90mm x 82mm |
| MC200-4040BTA | 40 24VDC 40 | |

## IO MC280/MC200E/MC200

| | | x x |
|---|---|---|
| MC200-0800ENN | 8 24VDC | 58mm x 90mm x 82mm |
| MC200-1600ENN | 16 24VDC | |
| MC200-0008ERN | 8 | |
| MC200-0008ETN | 8 | |
| MC200-0808ERN | 8 24VDC 8 | |
| MC200-0808ETN | 8 24VDC 8 | |
| MC200-0016ERN | 16 | |
| MC200-0016ETN | 16 | |
| MC200-1616ERN | 16 24VDC 16 | 158mm x 90mm x 82mm |
| MC200-1616ETN | 16 24VDC 16 | |
| MC200-1616ERA | 16 24VDC 16 | |
| MC200-1616ETA | 16 24VDC 16 | |

## MC280/MC200E/MC200

| | | x x |
|---|---|---|
| MC200-2AD MC200-4AD | 2 4 | 58mm x 90mm x 82mm |
| MC200-2DA MC200-4DA | 2 4 | |
| MC200-8AD | 8 | |
| MC200-4AM | 2 2 | |
| MC200-5AM | 4 1 | |
| MC200-2TC MC200-4TC | 2 4 | |
| MC200-8TC | 8 | |
| MC200-2PT MC200-4PT | 2 4 | |
| MC200-2HC | 2 200K 100K 1 20K | |

## MC280/MC200E/MC200

| | | x x |
|---|---|---|
| MC200-CPM | CANopen | 58mm x 90mm x 82mm |
| MC200-CAN | CAN | |
| MC200-RS485 | RS485 | |
| MC200-WEN | | |

# MC100

## MC100 Series Micro PLC

MC100 ,

PLC 16~60 ,

- 16K 0.3μs 4
- 
- 
- MCBUS MODBUS OPC
- 
- 6 50KHz 2 100KHz
- 
- 8

| | | mm × × |
|---|---|---|
| | AC | |
| MC100-1006BRA | 10 24VDC 6 | 135 × 90 × 79.2 |
| MC100-1006BTA | 10 24VDC 6 | |
| MC100-1410BRA | 14 24VDC 10 | |
| MC100-1410BTA | 14 24VDC 10 | |
| MC100-1614BRA | 16 24VDC 14 | 150 × 90 × 79.2 |
| MC100-1614BTA | 16 24VDC 14 | |
| MC100-1614BRA1 | 16 24VDC 14 2 1 | 182 × 90 × 79.2 |
| MC100-1614BTA1 | 16 24VDC 14 2 1 | |
| MC100-2416BRA | 24 24VDC 16 | |
| MC100-2416BTA | 24 24VDC 16 | |
| MC100-3624BRA | 36 24VDC 24 | 224.5 × 90 × 79.2 |
| MC100-3624BTA | 36 24VDC 24 | |
| | DC | |
| MC100-1006BRD | 10 24VDC 6 | 135 × 90 × 79.2 |
| MC100-1006BTD | 10 24VDC 6 | |
| MC100-1410BRD | 14 24VDC 10 | |
| MC100-1410BTD | 14 24VDC 10 | |
| MC100-1614BRD | 16 24VDC 14 | 150 × 90 × 79.2 |
| MC100-1614BTD | 16 24VDC 14 | |
| MC100-2416BRD | 24 24VDC 16 | 182 × 90 × 79.2 |
| MC100-2416BTD | 24 24VDC 16 | |
| MC100-3624BRD | 36 24VDC 24 | 224.5 × 90 × 79.2 |
| MC100-3624BTD | 36 24VDC 24 | |



| | | mm × × |
|---|---|---|
| | IO | |
| MC100-0800ENN | 8 24VDC | 61 × 90 × 73.1 |
| MC100-1600ENN | 16 24VDC | |
| MC100-0008ERN | 8 | |
| MC100-0008ETN | 8 | |
| MC100-0016ERN | 16 | |
| MC100-0016ETN | 16 | |
| MC100-0808ERN | 8 24VDC 8 | |
| MC100-0808ETN | 8 24VDC 8 | |
| | | |
| MC100-2AD | | 61 × 90 × 73.1 |
| MC100-2DA | 2 | |
| MC100-4AD | 4 | |
| MC100-4DA | 4 | |
| MC100-5AM | 4 1 | |
| MC100-2TC | 2 | |
| MC100-4TC | 4 | |
| MC100-2PT | 2 | |
| MC100-4PT | 4 | |
| MC100-1WT | 1 | |
| MC100-2WT | 2 | |

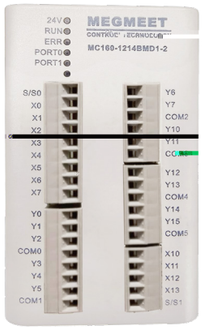
| | | |
|---|---|---|
| | PLC | |
| MCA200-CA10 | PLC USB 2m | USB-MiniDin8 |
| MCA200-CA01 | PLC RS232 2m | DB9F-MiniDin8 |
| MCA200-CA02 | PLC RS232 2m | DB9F-MiniDin8 |
| MCA200-CA17 | PLC RS485 2m MC280 | USB-MiniDin8 |
| MCA200-CA18 | PLC RS485 2m | MiniDin8-RS485 |
| MCA200-CA11 | USB RS232 2m | USB-DB9M |
| MCA200-CA04 | MC200 0.65m | ( ) ( ) |
| MCA200-CA05 | MC200 2m | ( ) ( ) |
| | | |
| MCA200-CA09 | MZ600 PLC RS232 3.5m | DB9M-MiniDin8 |
| MCA200-CA14 | MZ600 PLC RS232 2m | DB9M-MiniDin8 |
| MCA200-CA16 | MZ800 PLC RS232 8m | DB9M-MiniDin8 |
| MCA200-CA01 | MZ800 PLC RS232 2m | DB9M-MiniDin8 |
| | | |
| MCA200-CA12 | MC120/MC160/ 2m | USB-RS485 |
| MCA200-CA13 | / 2m | USB-RJ45 |
| MCA200-UDM01SL1 | MCA200-UDM01 PLC | RJ45-MiniDin8 |

# C160X

## 160X Series Economical & Practical PLC

160X

,




40KHz,AB 15KHz

3 100KHz

- 6 2 0-20mA 4 /
  0-20mA/0-10V
- 4 0-20mA/0-10V

- 2 RS485

- 4 PT100

| | | x x |
|---|---|---|
| MC160X-0806BTD1-2 | 8 24VDC 6 4AD 2DA | 111.1mm x 45.6mm x 114.8mm |
| MC160X-1206BTD1-2 | 12 24VDC 6 4AD 6DA | |
| MC160X-0806BTD7-2 | 8 24VDC 10 4AD 2DA 4PT | |
| MC160X-1414BTD1-2 | 14 24VDC 6 4AD 2DA | |
| MC160X-1214BMD1-2 | 12 24VDC 6 8 4AD 2DA | |

# MC5000S I/O

## MC5000S Series Remote I/O Module

MC5000S I/O MEGMEET

I/O

- 12
- 1~12 MC5000

- 

| | MC5000S-ET | MC5000S-EIP | MC5000S-PN |
|---|---|---|---|
| | 24VDC -15% ~ +20% | | |
| x x | 100mm x 34mm x 113mm | 102mm x 52.2mm x 110.5mm | 102mm x 52.2mm x 110.5mm |
| IO | 12 | | |
| | | | |
| | | | |
| | 0.5ms | | |
| | EtherCAT Slave | Ethernet/IP Slave | Profinet Slave |
| | | | |
| | 100Mbps | | |
| | 100M | | |
| | 1ms | | |
| | ● MC5000 MC6000 PLC<br>● Beckho Siemens PLC<br>● Mitsubishi KEYENCE Omron PLC<br>● Codesys PLC | | |



# MDT

## MDT Series Temperature Controller

MDT LED 2

50Hz/60Hz 2 2

500VDC

- MtcCompanion /

- 

- 

| | | |
|---|---|---|
| | 24VDC -15% ~ 20% | |
| | | K J E N T R B |
| | | Pt100 JPt100 Cu100 Ni120 |
| | | 0.2% + 0.3% |
| | | 25ms/ 100ms/8 100ms/4 |
| | | SSR |
| | | |
| | | ON/OFF PID PID PID |
| | | 14 |
| | | |
| | | 1/2 |
| | 0.1s - 10s 1s - 100s | |
| | 1/2 | |
| | | |
| | 1 RS485 : MODBUS MCBUS | |
| | | |
| | 10~90%RH o¤Ĝ 10~90 ḍ | |
| | 2000m | |
| | IP20 | |
| | IEC/EN 61326-1 For use in industrial locations CE | |

| | | | | |
|---|---|---|---|---|
| MDT-01R-R | 1 | | | |
| MDT-01R-T | 1 | | | |
| MDT-01T-R | 1 | | | |
| MDT-01T-T | 1 | | | |
| MDT-02R-R | 2 | | | |
| MDT-02R-T | 2 | | | |
| MDT-02T-R | 2 | | | |
| MDT-02T-T | 2 | | | |

# MTC/MTCW/MTCV

## MTC/MTCW/MTCV Series Temperature Controller

MTC/MTCW/MTCV

(1 12 16 )

| | | |
|---|---|---|
| | MtcCompanion | / |
| PID | PID | 14 |
| | | |
| | | 12 |
| | | PLC HMI |

| | | |
|---|---|---|
| | 24VDC -15% ~ 20% | |
| | | K J E N T R B |
| | | Pt100 JPt100 Cu100 Ni120 |
| | | 0.2% + 0.3% |
| | | 25ms/ 100ms/8 100ms/4 |
| | | SSR |
| | | ON/OFF PID PID PID |
| | | 14 |
| | | |
| | | 8 |
| IO | | |
| | | 4 |
| | 0.1s - 10s 1s - 100s | |
| | 4 8 | |
| | MTCV | |
| | MTC/MTCV RS485 MODBUS MCBUS<br>MTCW RS485 RS485 MODBUS | |
| | | -20~60 -40~70 |
| | | 10~90%RH 5~95%RH |
| | | 2000m |
| | | IP20 |
| | IEC/EN 61326-1 For use in industrial locations UL61010-1 CE UL | |

### MTC

| | | | | |
|---|---|---|---|---|
| MTC-04-NT | 4 | (4 ) | | |
| MTC-08-NT | 8 | (8 ) | | |
| MTC-04-NTT | 4 | (4 ) | (8 ) | |
| MTC-04-NTR | 4 | (4 ) (8 ) | (8 ) | |
| MTC-04-NVT | 4 | (4 )<br>(8 0-20mA 4-20mA )<br>(8 0-1V 0-5V 0-10V 1-5V ) | (4 ) | |

### MTCW 2 RS485

| | | | | |
|---|---|---|---|---|
| MTCW-04-NTT | 4 | (4 ) | (4 ) | |
| MTCW-04-NI | 4 | (4 0-20mA 4-20mA ) | | |
| MTCW-04-NV | 4 | (4 0-1V 0-5V 0-10V 1-5V ) | | |
| MTCW-08-NN | 8 | | | |
| MTCW-08-NI | 8 | (8 0-20mA 4-20mA ) | | |
| MTCW-08-NV | 8 | (8 0-1V 0-5V 0-10V 1-5V ) | | |
| MTCW-08-NTT | 8 | (8 ) | (8 ) | |
| MTCW-12-NT | 12 | (12 ) | | |
| MTCW-16-NN | 16 | | | |
| MTCW-08-CT | 8 | (8 ) | | (8 ) |
| MTCW-08-NTD | 8 | (8 ) (8 ) | | |

### MTCV 1 RS485

| | | | | |
|---|---|---|---|---|
| MTCV-16-NT | 16 | (16 ) | | |
| MTCV-08-NT | 8 | (8 ) | | |

MTCE EtherCat

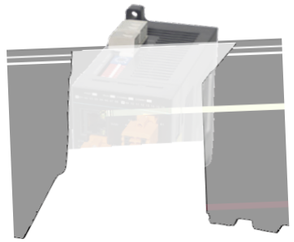
EtherCat

± 0.15 ± 0.2

0.1 1ms PID

| | | |
|---|---|---|
| | 24VDC -15% ~ 20% | |
| | | K J E N T R B |
| | | Pt100 JPt100 Cu100 Ni120 |
| | | 0.15% + |
| | | 0.3% |
| | | 25ms/ 100ms/8 100ms/4 |
| | | SSR |
| | | 10 |
| | | ON/OFF PID PID PID |
| | | 14 |
| | | SSR |
| | | 10 |
| | 0.1s - 10s 1s - 100s | |
| | 10 | |
| | | |
| | EtherCAT | |
| | | -20~60 -40~70 |
| | | 10~90%RH 5~95%RH |
| | | 2000m |
| | | IP20 |
| | IEC/EN 61326-1 For use in industrial locations CE | |

| | | | | |
|---|---|---|---|---|
| MTCE-10T-NT | 10 | | | |
| MTCE-10R-NT | 10 | | | |



| | | |
|---|---|---|
| | 24VDC -15% ~ 20% | |
| | | K J E N T R B |
| | | Pt100 JPt100 Cu100 Ni120 |
| | | 0.15% + 0.3% |
| | | 25ms/ 100ms/8 100ms/4 |
| | | SSR |
| | | 4/8 |
| | | ON/OFF PID PID PID |
| | | 14 |
| | | SSR |
| | | 4/8 |
| | 0.1s - 10s 1s - 100s | |
| | 6/8 | |
| | | S |
| | | |
| | | |
| | 10~90%RH Л ш 10 ¨ 0% ¡ H Ğ | 101m90 ± |
| | | |
| | | |
| | | |

| | | | | |
|---|---|---|---|---|
| MCAS-06-NI | 6 | (6 0-20mA 4-20mA ) | | |
| MCAS-06-NV | 6 | (6 0-1V 0-5V 0-10V 1-5V ) | | |
| MCAS-08-NI | 8 | (6 0-20mA 4-20mA ) | | |
| MCAS-08-NV | 8 | (8 0-1V 0-5V 0-10V 1-5V ) | | |
| MCAS-08-NTT | 8 | (8 ) | (8 ) | |

# MQT

## MQT Series Temperature Controller

MQT PID

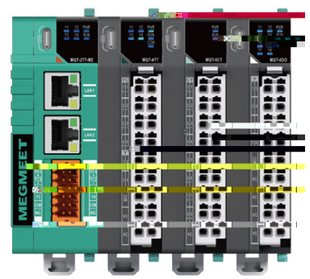
± 0.15

0.1 PID

PID

PUSH IN

CT




| | | |
|---|---|---|
| | | 24VDC -15% ~ 20% |
| | | K J E N T R B |
| | | Pt100 JPt100 Cu100 Ni120 |
| | | 0.15% + |
| | | 0.3% |
| | | 25ms/ 100ms/8 100ms/4 |
| | | SSR |
| | | ON/OFF PID PID PID |
| | | 14 |
| | | |
| | | 8 |
| | | |
| | | 4 |
| | | 0.1s - 10s 1s - 100s |
| | | 4 8 |
| | | |
| | | RS485/Modbus-TCP/EtherNet/EtherCAT/Profinet |
| | | -20~60 -40~70 |
| | | 10~90%RH 5~95%RH |
| | | 2000m |
| | | IP20 |
| | | IEC/EN 61326-1 For use in industrial locations CE |

| | | | | |
|---|---|---|---|---|
| | | MQT | | |
| MQT-2TT-ME | 2 | Modbus TCP/IP/Ethernet | (4 ) | |
| MQT-2RT-ME | 2 | Modbus TCP/IP/Ethernet | (4 ) | |
| MQT-2TT-ET | 2 | EtherCAT | (4 ) | |
| MQT-2RT-ET | 2 | EtherCAT | (4 ) | |
| MQT-2TT-RS | 2 | Modbus RS485 | (4 ) | |
| MQT-2RT-RS | 2 | Modbus RS485 | (4 ) | |
| MQT-2TT-PN | 2 | Profinet | (4 ) | |
| MQT-2RT-PN | 2 | Profinet | (4 ) | |
| | | MQT | | |
| MQT-4TT | 4 | Modbus RS485 | (4 ) | |
| MQT-4TA | 4 | Modbus RS485 | (4 ) | |
| MQT-4TR | 4 | Modbus RS485 | (4 ) | |
| MQT-4RT | 4 | Modbus RS485 | (4 ) | |
| MQT-4RA | 4 | Modbus RS485 | (4 ) | |
| MQT-4RR | 4 | Modbus RS485 | (4 ) | |
| | | MQT | | |
| MQT-8DI | 8 | 8 | - | (8 ) |
| MQT-8DO | 8 | 8 | (8 ) | - |
| MQT-8CT | 8 | 8 | - | |
| MQT-8DM | 8 | 4 4 | (4 ) | (4 ) |
| MQT-8AI | 8 | 8 | - | (8 ) |
| MQT-8AV | 8 | 8 | - | (8 ) |
| MQT-8AO | 8 | 8 | (8 ) | - |

# MZ800

## MZ800 Series Human-Machine Interface

MZ800 PLC G

PLC

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| | MZ800-TT05SK30/31 | MZ800-TT107SK30 | MZ800-TT207SK30/31 | MZ800-TT207SK30/31W | MZ800-TT210SK30/31 |
| | 4.3 16:9 TFT LCD | 7 16:9 TFT LCD | 7 16:9 TFT LCD | 7 16:9 TFT LCD | 10.1 16:9 TFT LCD |
| | 480 x 272 | 800 x 480 | 1024 x 600 | | |
| | TFT (LCD ) | | | | |
| T/B/L/R | 50 70 70 70 | 50 70 70 70 | 30:50 70 70 70<br>30:85 85 85 85 | 85 85 85 85 | 85 85 85 85 |
| | 30:360/31:300 | 250 | 30:360/31:450 | 350 | 400 |
| | 24 | 16 | 24 | | |
| | 4 | | | | |
| | 600MHz ARM Cortex-A8 | 720MHz ARM | 1.2GHz ARM Cortex-A7 | | |
| | 128MB Flash+ 128MB DDR3 | 64MB RAM+ 128MB Flash | 128MB DDR3+4GB EMMC | | |
| RTC | | | | | |
| | 30: 31:10M/100M | | 30: 31:1 10M/100M | | |
| SD | | | 30: 31: | | |
| USB | 1 USB Slave 2.0 1 USB Host 2.0 | | | | |
| | COM1: RS232/RS485/RS422<br>COM3: RS232 | | | COM1: RS232/RS485/RS422<br>COM2: RS485/RS422 COM3: RS232 | |
| | 5W | 10W | | | |
| | DC24V DC 9V~28V | | | | |
| | | | | | |
| | 5ms | | | | |
| CE | EN61000-6-2:2005 EN61000-6-4:2007 RoHS ± 1KV ± 2KV 4KV 8KV | | | | |
| | 30:-20~50 /31:-25~75 | 0~50 | | | |
| | 30:-25~60 /31:-30~80 | -20~60 | | | |
| | 10~90%RH ( ) | | | | |
| | 10~25Hz (X Y Z 2G/30 ) | | | | |
| | IP65 ( ) IP20 | | | | |
| | 30:<br>31: + | | | | |
| | 30:130 x 104 x 32<br>31:130 x 104 x43 | 204 x 145 x 33.8 | | | 273 x 213 x 36 |
| | 120 x 93 | 192 x 138 | | | 260 x 202 |

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| | MZ800-TT210SK30W | MZ800-TT215SK31 | MZ800-TT07SK31M | MZ800-TT210SK31M | MZ800-TT22P |
| | 10.1 16:9 TFT LCD | 15.6 16:9 TFT LCD | 7 16:9 TFT LCD | 10.1 16:9 TFT LCD | 22 16:9 TFT LCD |
| | 1024 x 600 | 1920x 1080 | 800 x 480 | 1024 x 600 | 1920x 1080 |
| | TFT (LCD ) | | | | |
| T/B/L/R | 85 85 85 85 | 85 85 85 85 | 50 70 70 70 | 85 85 85 85 | 85 85 80 80 |
| | 400 | 250 | 360 | 400 | 250 |
| | 24 | 16 | 24 | | 16 |
| | 4 | | | | Glass+Glass |
| | 1.2GHz ARM Cortex-A7 | 1G ARM Cortex-A8 | 600MHz ARM Cortex-A8 | | 800MHz ARM Cortex-A8 |
| | 128MB DDR3+4GB EMMC | 256MB Flash+512MB DDR3 | 128M Flash+128M DDR3 | | 256MB Flash+256MB DDR3 |
| RTC | | | | | |
| | 30: 31:1 10M/100M | 2 10M/100M | 10M/100M | | 1 10M/100M |
| SD | | | | | |
| USB | 1 USB Slave 2.0 1 USB Host 2.0 | | | | |
| | COM1: RS232/RS485/RS422<br>COM2: RS485/RS422<br>COM3:RS232 | COM3: RS232/RS485/RS422<br>COM2: RS485 | COM1/COM2:<br>RS232/RS485/RS422<br>COM3/COM4: RS232 | COM1: RS232/RS485/RS422<br>COM2: RS485/RS422<br>COM3:RS232 | COM1/COM2:<br>RS232/RS485/RS422<br>COM3/COM4:RS232 |
| | 10W | 18W | 10W | | 20W |
| | DC24V DC 9V~28V | DC24V DC 18V~28V | | | |
| | | | | | |
| | 5ms | | | | |
| CE | EN61000-6-2:2005 EN61000-6-4:2007 RoHS ± 1KV ± 2KV 4KV 8KV | | | | |
| | 0~50 | 0~50 | -20~70 | -10~60 | -20~70 |
| | -20~60 | -20~60 | -30~80 | -20~70 | -20~60 |
| | 10~90%RH ( ) | | | | |
| | 10~25Hz (X Y Z 2G/30 ) | | | | |
| | IP65 ( ) IP20 | | | | |
| | | | + | | + |
| | 273 x 213 x 36 | 394x 256 x 36 | 200 x 146 x 40 | 274 x 214 x 39 | 530 x 338 x 61 |
| | 260 x 202 | 380 x 245 | 192 x 138 | 260 x 202 | 502 x 302 |