

Power Solutions

- ☐ Telecom Power
- ☐ Server Power
- ☐ Electric Power
- ☐ Medical Power
- ☐ Display Power
- ☐ LED Power
- ☐ Laser Power

Industry Automation

- ☐ Servo System
- ☐ Control System
- ☐ Elevator Controller
- ☐ Linear Motors
- ☐ IOT Solution
- ☐ Encoder
- ☐ Variable Frequency Drive
- ☐ Internal Gear Pump

New Energy Solutions

- ☐ Multiplexed EV Charging System(On-Board & DC-DC)
- ☐ Intelligent Active Hydraulic Suspension (i-HS)
- ☐ Railway VFD
- ☐ Light Electric Vehicle Controller

Home Appliance Control Solutions

Precision Connection

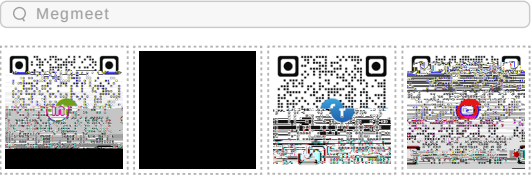
- ☐ FF
- ☐ FP
- ☐ Coaxial Cable
- ☐ Litz Wire
- ☐ Peek Wire

SHENZHEN MEGMEET ELECTRICAL CO., LTD.

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Shenzhen Megmeet Electrical Co., Ltd.(Stock Code:002851) is a one-stop solution provider for the R&D, electronics and automatic control echnology. Company's main business covers six parts: power supply products, industrial automation, new energy vehicle& rail transit, intelligent equipment, smart appliance electronic control and precision connection.

Our company has established a strong platform of R&D, manufacturing, marketing and service with more than 2800 R&D personnel and a total of more than 7800 employees. We have established R&D centers in Shenzhen City, Changsha City, Xi'an City, Wuhan City, Zhuzhou City, Hangzhou City, Taizhou City and Chengdu City; overseas research institutes in the United States, Germany, and Sweden; manufacturing centers in Zhuzhou City, Dongguan City, Heyuan City, Taizhou City, and Yiwu City; overseas factories in Thailand and India; overseas marketing station in the United States, Japan, Korea, Southeast Asia, India, Germany, Poland, Romania, Turkey, Sweden to provide quality service resources.

control and energy saving.



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	KA06 . -KA0 . . C Qcpgcq
	KA0 . . Qcpgcq
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	KRA-KRAU-KRAT Qcpgcq
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	KA?Q Qcpgcq
	KBR Qcpgcq

Cable List

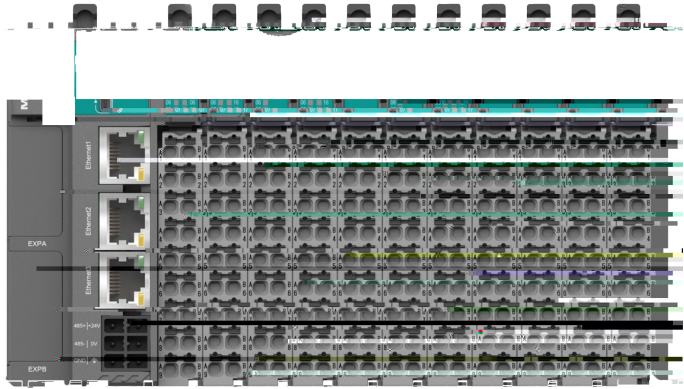
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HMI

29/30	KX6 . . Qcpgcq
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MC8000 Series Medium PLC *

MC8000 series product is a new generation of high-performance and cost-effective medium PLC based on the mOPAX platform of MEGMEET. It is fully compatible with the IEC61131-3 programming specification and supports LD, ST, SFC, CFC, FBD, and IL programming languages; adopts the blade-type module design, and supports multi-core processor. Based on multi-bus protocols such as EtherCAT and Profinet, a multi-axis motion control system is constructed, to meet the high-speed response requirements of intelligent devices.



*Developing
Coming soon

Product Feature

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- Expand up to 32 modules, support the expansion of digital, analog, CAN, RS485, RS232, etc.
- Full protocol compatibility, support Modbus/ EtherCAT/EtherNet IP/Profinet and others.

Pcjg_` jw cvacjjc l r ncpdmp k _ l ac

- Four-core A55 processor, communication, logic and algorithm are completely independent.
- 8*200K high-speed input, 8*200K pulse output (single pulse, pulse + direction, AB phase, FWD+REV, etc.)

Npcagqc Ksjrg+_vgq am l rpmj

- 1ms/16-axis sync, support 16/32/64-axis EtherCAT control

Djcvq` jc \$ am l tc l gc l r mn cp _rgm l

- 12mm machine body, saving space
- PUSH In terminal, easily wiring and replacing without tools

Sjrp_+j_pec a _n _agrw

- Support 10M program capacity, 20M data capacity, 512KB retention, for complex logic and data processing

1

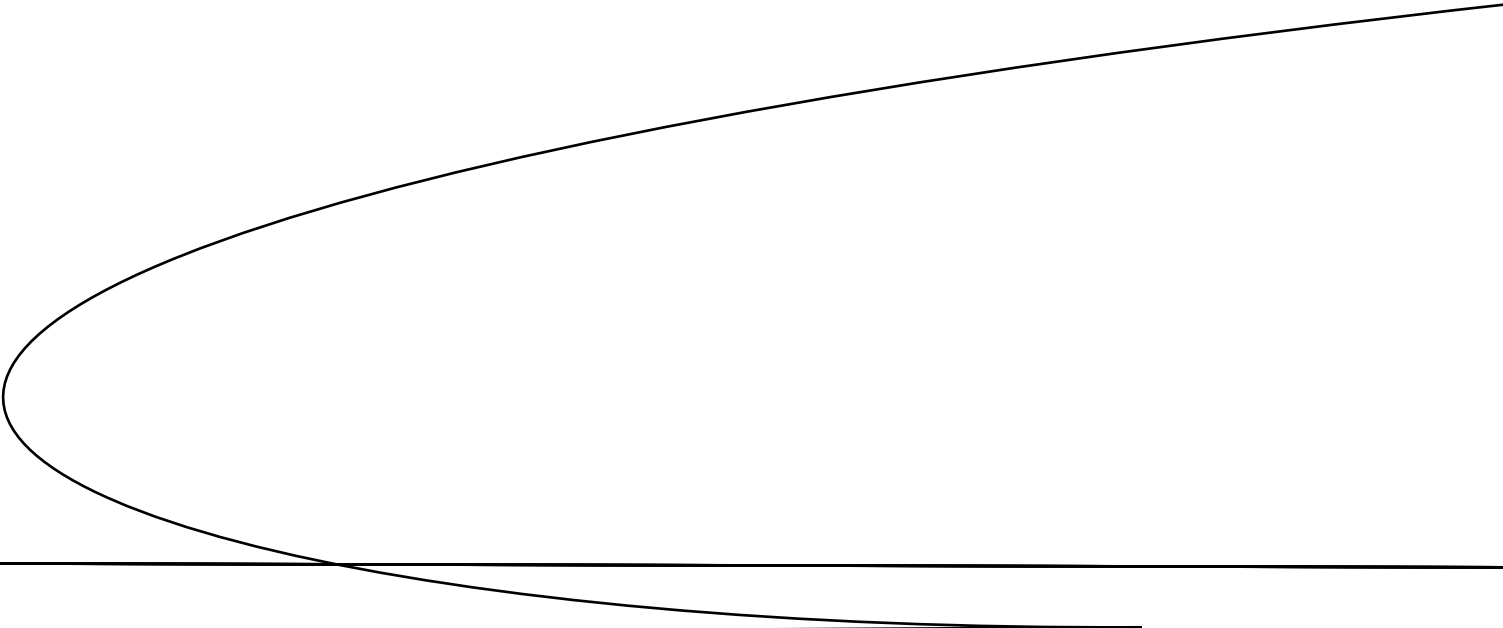
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MU300 Series Small PLC

MU300 series is a new bus-type small PLC launched by MEGMEET, equipped with high-performance CPU and EtherCAT/Nopen high-speed communication protocol. It supports multi-axis bus control, interpolation, E-stop, E-gear and other control function, to achieve high-speed operation and efficient communication, flexible configuration and programming in 3C, packaging, hydraulic industry or other control scenarios.



Product Feature

Flexible expansion

- IO point expands up to 240
- Support a maximum of 12 expansion modules and 2 function expansion cards

Excellent performance for precise control

- Arithmetic speed and control performance are significantly improved based on ARM+FPGA dual-core processor
- Support 8-channel 200K high-speed pulse output and single-phase pulse count, or 4-channel 100K AB-phase, CW/CCW, pulse+direction
- Support linear interpolation and E-gear

EtherCAT Control

- Min. 500μs control cycle, support up to 16 bus axis
- Communication port: 1*EtherCAT+2*EtherNet, support up to 32 slave stations

Networking based on multi-communication

- Support MODBUS protocol, CAN free-port protocol and Nopen protocol
- Support US and MODBUS-TCP communication with a maximum of 5 sockets and 20 connections
- Support Ethernet programming, USB upload and download

Basic Module (AC Power)

Model	Description	Dimensions(mm) LxWxH
MU300-0808BTA16	8-point DC24V input, 8-point transistor output (16 bus axis)	
MU300-0808BTA8	8-point DC24V input, 8-point transistor output (8 bus axis)	
MU300-1210BTA16	12-point DC24V input, 10-point transistor output (16 bus axis)	
MU300-1210BTA8	12-point DC24V input, 10-point transistor output (8 bus axis)	
1P		

MU200 Series Small PLC

MU200 new generation of small PLC uses ARM+FPGA dual-core processor for the powerful processing function, while owns the RS232/ RS485/ Ethernet communication ports, and supports linear interpolation and electronic gear. This product is widely used in 3C industry, packaging industry, hydraulic industry, etc.



Product Feature

Networking based on multi-communication

- Support MODBUS protocol, free protocol, CAN free-port protocol and Nopen protocol
- Support US and MODBUS-TCP communication with a maximum of 5 sockets and 20 connections

Excellent performance for precise control

- Arithmetic speed and control performance are significantly improved based on ARM+FPGA dual-core processor
- Support up to 12-channel 200K high-speed pulse output and 8-channel high-speed count
- Support linear interpolation and E-gear

Flexible expansion

- IO point expands up to 272
- Support up to 12 special function modules and 2 expansion cards

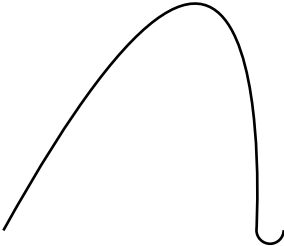
Convenient hardware configuration

- Tabulation communication
- High-level language programming
- Modularization programming
- Multi-window display programming
- Safe and reliable with multiple protections

MC700 Series Motion Controller

Basic Module (AC Power)

Model	Description	Dimensions(mm) LxWxH
MU200-4040BTA	40-point DC24V input, 40-point transistor output	246x90x85
MU200-4040BRA	40-point DC24V input, 40-point relay output	
MU200-3232BTA	32-point DC24V input, 32-point transistor output	210x90x85
MU200-3232BRA	32-point DC24V input, 32-point relay output	
MU200-2424BTA	24-point DC24V input, 24-point transistor output	180x90x85
MU200-2424BRA	24-point DC24V input, 24-point relay output	
MU200-1616BTA	16-point DC24V input, 16-point transistor output	145x90x85
MU200-1616BRA	16-point DC24V input, 16-point relay output	



IO Expansion Module Applicable to the basic modules of MU300/MU200 series PLC

Model	Description	Dimensions(mm) LxWxH
MU200-0016ERN	16-point relay output	60x90x85
MU200-0016ETN	16-point transistor output	
MU200-1600ENN	16-point intput	
MU200-0808ERN	8-point DC24V input, 8-point relay output	
MU200-0808ETN	8-point DC24V input, 8-point transistor output	

Special Function Module Applicable to the basic modules of MU300/MU200 series PLC

Model	Description	Dimensions(mm) LxWxH
MU200-4AD	4-channel analog quantity input	60x90x85
MU200-8AD	8-channel analog quantity input	
MU200-4DA	4-channel analog quantity output	
MU200-8TC	8-channel thermocouple	
MU200-4PT	4-channel thermal resistance	

Expansion Card Applicable to the basic modules of MU300/MU200 series PLC

Model	Description	Dimensions(mm) LxWxH
MUE-4X	4-point input	38x46.4x11.5
MUE-4Y	4-point output	
MUE-4XY	2-point input and 2-point output	
MUE-2AD	2-channel analog quantity input	
MUE-2DA	2-channel analog quantity output	
MUE-2AM	1-channel analog quantity input and 1-channel analog quantity output	
MUE-RS232	RS232 communication	
MUE-RS485	RS485 communication	
MUE-CAN	CAN communication	

MC200 Series Small PLC

MC200 series PLC is a high stability and high reliability product, with fast instruction processing speed and large program capacity based on its built-in high-performance microprocessor and core computing control system. Its ultra-wide voltage range and excellent networking capability make it widely used in municipal equipment, textile, printing, HVAC, and others.



Product Feature

High speed and large capacity

- Program capacity: 12K
- Basic instruction speeds up to 0.09μs

High stability and reliability

- Ultra-wide voltage range: 85V~280V
- Input filter protection and power loss protection
- Strict three - defense protection processing

Reliable program security

- 8-bit password protection, can be set to prohibit program upload and prevent unauthorized program replication

Strong expansion capability

- IO expands up to 512 points
- Special function module can extend up to 8 modules
- Provide IO module with power supply

Excellent communication networking

- Support Modbus network communication protocol, Modbus protocol, and OP service
- Support CAN free protocol, CANopen protocol
- Support Ethernet, Modbus TCP/IP protocols

Basic Module (AC Power)

Model	Specification	Dimensions(mm) LxWxH
MC200-2012BRA	20-point 24VDC input, 12-point relay output	158x90x82
MC200-2012BTA	20-point 24VDC input, 12-point transistor output	
MC200-3232BRA	32-point 24VDC input, 32-point relay output	228x90x82
MC200-3232BTA	32-point 24VDC input, 32-point transistor output	
MC200-4040BRA	40-point 24VDC input, 40-point relay output	275x90x82
MC200-4040BTA	40-point 24VDC input, 40-point transistor output	

IO Expansion Module Applicable to the basic modules of MC280/MC200E/MC200 series PLC

Model	Specification	Dimensions(mm) LxWxH
MC200-0800ENN	8-point 24VDC input	58x90x82
MC200-1600ENN	16-point 24VDC input	
MC200-0008ERN	8-point relay output	
MC200-0008ETN	8-point transistor output	
MC200-0808ERN	8-point 24VDC input, 8-point relay output	
MC200-0808ETN	8-point 24VDC input, 8-point transistor output	
MC200-0016ERN	16-point relay output	
MC200-0016ETN	16-point transistor output	
MC200-1616ERN	20-point 24VDC input, 12-point relay output	158x90x82
MC200-1616ETN	16-point 24VDC input, 16-point transistor output(Active)	
MC200-1616ERA	16-point 24VDC input, 16-point relay output(Active)	
MC200-1616ETA	16-point 24VDC input, 16-point transistor output(Active)	

Special Function Module Applicable to the basic modules of MC280/MC200E/MC200 series PLC

Model	Specification	Dimensions(mm) LxWxH
MC200-2AD MC200-4AD	2-point, 4-point analog quantity input	58x90x82
MC200-2DA MC200-4DA	2-point, 4-point analog quantity output	
MC200-8AD	8-point analog quantity input	
MC200-4AM	2-point analog quantity input, 2-point analog quantity output	
MC200-5AM	4-point analog quantity input, 1-point analog quantity output	
MC200-2TC MC200-4TC	2-point, 4-point thermocouple	
MC200-8TC	8-point thermocouple	
MC200-2PT MC200-4PT	2-point, 4-point thermal resistance	
MC200-2HC	2-channel high-speed count module: single-phase 200K; bi-directional phase 100K; 1-channel pulse following output 20K	

Communication Module Applicable to the basic modules of MC280/MC200E/MC200 series PLC

Model	Specification	Dimensions(mm) LxWxH
MC200-CPM	CANopen master communication module	58x90x82
MC200-CAN	CAN communication module	
MC200-RS485	RS485 communication module	
MC200-WEN	Ethernet communication module	

T



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MQT Series Temperature Controller

MQT series product, a new generation cascade temperature controller, is composed of communication module, temperature control module and expansion module, realizing high-precision temperature control by matching modules flexibly and integrating internal intelligent PID algorithm; it has the advantages of cascade, high precision, multi-point temperature control, background upgrade, free combination, small size and so on.

Measure precision: full scale of ± 0.15 %

0.1s sampling cycle and perfect PID self-tuning function, to achieve multi-channel cascade control

single module can operate PID control and simple logic operation, and monitor analog value

PUSH IN terminal, different terminals connection can be realized only need to gently push into

Digital I/O, analog I/O, T input, temperature input, communication and others

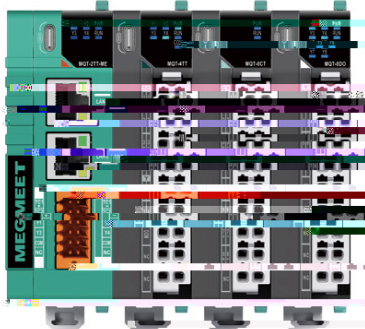
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single module can operate PID control and simple logic operation, and monitor analog value

PUSH IN terminal, different terminals connection can be realized only need to gently push into

Digital I/O, analog I/O, T input, temperature input, communication and others



Item	Description	
Power supply	24VDC -15% ~ 20%	
Signal input	Input type	Thermocouple K J E N T R B For all channel
		Thermal resistance Pt100 JPt100 Cu100 Ni120 For all channel
	Precision	Thermocouple 0.15% Full scale 1 cold compensation
		Thermal resistance 0.3% Full scale
	Sampling cycle	25ms/channel 100ms/8 channels 100ms/4 channels
Control output	Output form	Transistor output (SSR drive output), relay output, current output, voltage output
	Control action	Manual, ON / OFF, single PID, heating & cooling PID, position proportional PID
Alarm output	Alarm form	14 alarms, such as upper and lower limit alarm, deviation alarm and so on.
	Output form	Transistor and relay output (output state can be directly controlled by writing registers)
	Output channel	8 channels
Digital input	Input form	Transistor input
	Input channel	4 channels
Control cycle	0.1s - 10s or 1s - 100s	
Acquisition channel	4 channels and 8 channels	
Isolation	Exist between power and communication, power and channel, communication and channel, channel and channel	
Communication port	RS485/Modbus-TCP/EtherNet/EtherCAT/Profinet	
Generals	Ambient temperature	Working: -20 ~ 60 °C, storage: -40 ~ 70 °C
	Ambient humidity	Working: 10 ~ 90 % RH (no condensation), keeping: 5 ~ 95 % RH (no condensation)
	Altitude	Below 2000m
	Protection level	IP20
C & S	Conform to IEC/EN 61326-1 For use in industrial locations CE	

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MQT-2TT-ME	2-CH	Modbus TCP/IP/Ethernet	Transistor(4-CH)	TC
MQT-2RT-ME	2-CH	Modbus TCP/IP/Ethernet	Transistor(4-CH)	RTD
MQT-2TT-ET	2-CH	EtherCAT	Transistor(4-CH)	TC
MQT-2RT-ET	2-CH	EtherCAT	Transistor(4-CH)	RTD
MQT-2TT-RS	2-CH	Modbus RS485	Transistor(4-CH)	TC
MQT-2RT-RS	2-CH	Modbus RS485	Transistor(4-CH)	RTD
MQT-2TT-PN	2-CH	Profinet	Transistor(4-CH)	TC
MQT-2RT-PN	2-CH	Profinet	Transistor(4-CH)	RTD
Rc k ncp_rspc am l rpmj k mbsjc				
MQT-4TT	4-CH	Modbus RS485	Transistor(4-CH)	TC
MQT-4TA	4-CH	Modbus RS485	Analog(4-CH)	TC
MQT-4TR	4-CH	Modbus RS485	Relay(4-CH)	TC
MQT-4RT	4-CH	Modbus RS485	Transistor(4-CH)	RTD
MQT-4RA	4-CH	Modbus RS485	Analog(4-CH)	RTD
MQT-4RR	4-CH	Modbus RS485	Relay(4-CH)	RTD
Cvn_l qgm l k mbsjc				
MQT-8DI	8-CH	8-channel digital input	-	
MQT-8DO	8-CH	8-channel digital output	Digital (8-CH)	
MQT-8CT	8-CH	8-channel current detection	-	
MQT-8DM	8-CH	4-channel digital input, 4-channel digital output	Digital (4-CH)	
MQT-8AI	8-CH	8-channel analog current input	-	
MQT-8AV	8-CH	8-channel analog voltage input	-	
MQT-8AO	8-CH	8-channel analog output	Analog (8-CH)	

MTC/MTCW/MTCV series products are multi-channel and high-precision temperature controllers, which are suitable for various occasions of temperature control. Its main feature is compatible with TC and RTD, high measure accuracy; high integration (one module supports up to 12 channels of temperature control and 16 channels of measurement), space saving, easy data exchange, remote monitoring, and high cost performance.

- Bcbga_rcb qmdr u_pc8

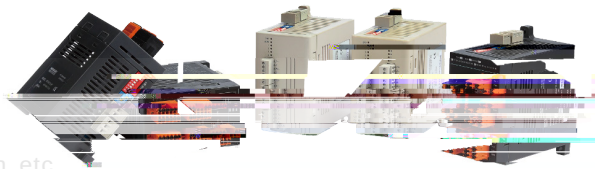
Provide special software - MtcCompanion
- Bs_j+N6B ds l argm l 8

Heating&cooling dual-PID control function, 14 alarms like upper and lower limits, deviation, etc
- Fge f npcagqgm l

Intelligent self-tuning and multi-stage temperature setting functions to achieve high-precision temperature control
- Ksjrg+u _w am l rpmj

Integrated multi-channel temperature control to centralize data management
- C_qw cva f _ l ec

Data exchange easily between thermostat and PLC, thermostat and HMI, thermostat and computer through Ethernet and serial port



Item	Description	
Power supply	24VDC -15% ~ 20%	
Signal input	Input type	
	Precision	Thermocouple
	Sampling cycle	
	Output form	
Control output	Control action	
	Alarm form	
Alarm output	Output form	
	Output channel	
IO input	Input form	
	Input channel	
Control cycle		
Acquisition channel		
Isolation		
Communication port		
Generals	Ambient temperature	
	Ambient humidity	
	Altitude	
	Protection level	
C & S	Conform to IEC/EN 61326-1 For use in industrial locations UL61010-1 CE UL	

MTCE series product, as a multi-channel high-precision EtherCAT temperature controller, are adapted to various mainstream master stations. Its main feature is compatible with thermocouples and thermal resistors, high measurement accuracy, feature-rich, user-friendly. It has the characteristics of high integration, space saving, easy data exchange, remote monitoring, and high cost performance.

Lcrumpiglea_n_agrw

EtherCAT

Measure accuracy: full scale of $\pm 0.15\%$; control accuracy: $\pm 0.2^{\circ}\text{C}$

0.1s sampling cycle, and 1ms synchronization cycle; a single module can operate PID control and simple logic operation, and monitor analog value



Item	Description	
	24VDC -15% ~ 20%	
	EtherCAT	

MZ800 Series Human Machine Interface

MZ800 series HMI seamlessly can support to the G-code function of MEGMEET PL , which is easy to program,

