Power Solutions

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Industry Automation

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New Energy Solutions

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Home Appliance Control Solutions

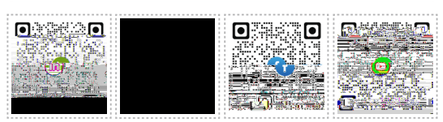
Precision Connection

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SHENZHEN MEGMEET ELECTRICAL CO., LTD.

FOLLOW US

Megmeet

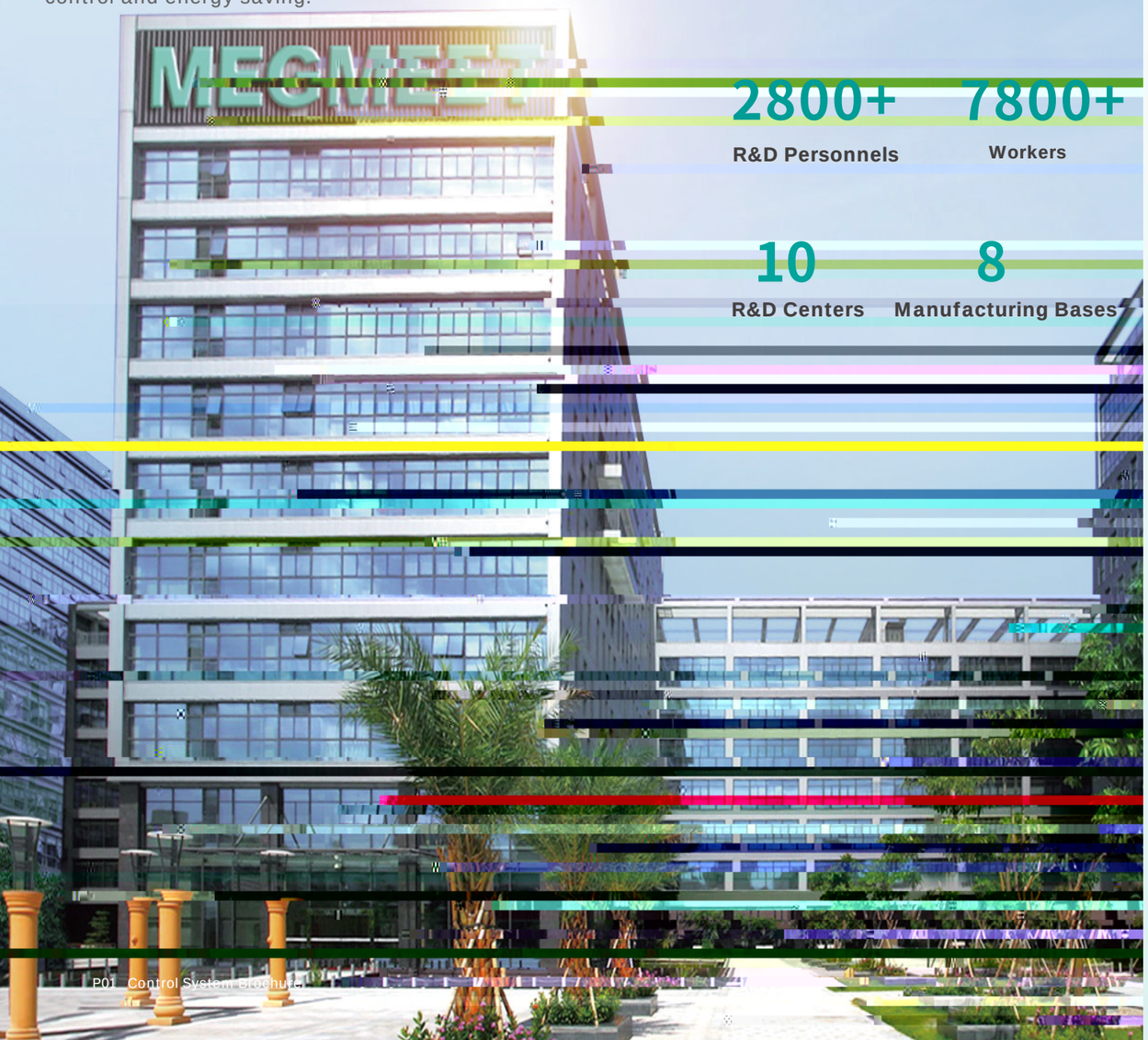


MEGMEET

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.



2800+ R&D Personnels

7800+ Workers

10 R&D Centers

8 Manufacturing Bases

Contents

Medium PLC

03/07

KV4. . Qcpgcq
KA6. . . Qcpgcq(
KA4. . . Qcpgcq
KA3. . . Qcpgcq

Small PLC

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KS1. . Qcpgcq
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KRA-KRAU-KRAT Qcpgcq
KRAC Qcpgcq
KA?Q Qcpgcq
KBR Qcpgcq

Cable List

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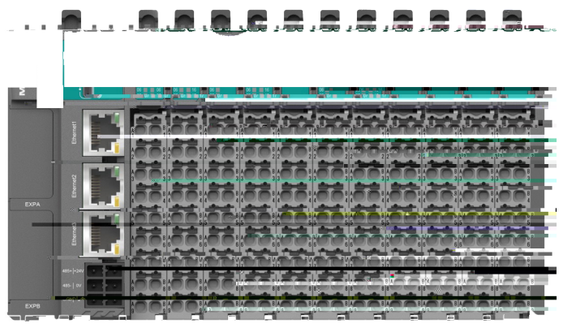
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KX6. . Qcpgcq

MEGMEET

MC8000 Series Medium PLC *

MC8000 series product is a new generation of high-performance and cost-e ective 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

Qrpm l e cvn_ l qgm l $ l cr u mp i g l e

- 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.

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- 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 K sjrg+_vgq am l rpmj

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

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

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

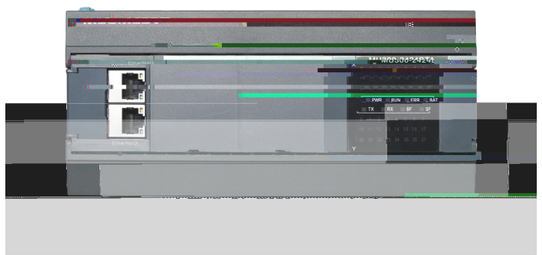
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MEGMEET

MU300 Series Small PLC

E-gear and other control function, to achieve high-speed operation and efficient communication, flexible configuration and



Product Feature

Flexible expansion

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Excellent performance for precise control

- significantly improved based on ARM+FPGA
- Support 8-channel 200K high-speed pulse output and single-phase pulse count, or 4-channel 100K AB-phase, CW/CCW, pulse+direction
-

EtherCAT Control

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- Communication port: 1*EtherCAT+2*EtherNet,

Networking based on multi-communication

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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)	
1þ		

MU200 Series Small PLC

MU200 new generation of small PLC uses ARM+FPGA dual-core processor for the powerful processing function,



Product Feature

Networking based on multi-communication

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Excellent performance for precise control

- significantly improved based on ARM+FPGA
- Support up to 12-channel 200K high-speed pulse output
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Flexible expansion

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- Convenient hardware configuration
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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	

MEGMEET

MC200 Series Small PLC



Product Feature

High speed and large capacity

- Program capacity: 12K
- μ

Strong expansion capability

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High stability and reliability

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- Input filter protection and power loss protection
-

Excellent communication networking

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Reliable program security

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Basic Module (AC Power)

Model	Speci cation	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	Speci cation	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	Speci cation	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	Speci cation	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	

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MQT Series Temperature Controller

modules flexibly and integrating internal intelligent PID algorithm; it has the advantages of cascade, high precision,

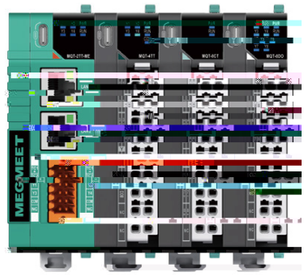
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MTC/MTCW/MTCV series products are multi-channel and high-precision temperature controllers, which are suitable for various occasions of temperature control. Its main feature is compatible with TC and RTD, high measure accuracy; high integration (one 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+N&B ds l argm l 8 Heating&cooling dual-PID control function,
14 alarms like upper and lower limits, deviation, etc

Fge f npcaqqgm 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

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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.



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MEGMEET

MZ800 Series Human Machine Interface

