MEGMEET

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

08/18

KS2. . Qcpgcq
KS1. . Qcpgcq
KS0. . Qcpgcq
KA5. . Qcpgcq
KA06.-KA0. . C Qcpgcq
KA0. . Qcpgcq
KA/. . Qcpgcq

Remote I/O Module

19/20

KP2. . Qcpgcq
KA3. . . Q Qcpgcq

Temperature Controller

21/26

KOR Qcpgcq
KRA-KRAU-KRAT Qcpgcq
KRAC Qcpgcq
KA?Q Qcpgcq
KBR Qcpgcq

Cable List

27

A_`jc Jgqr

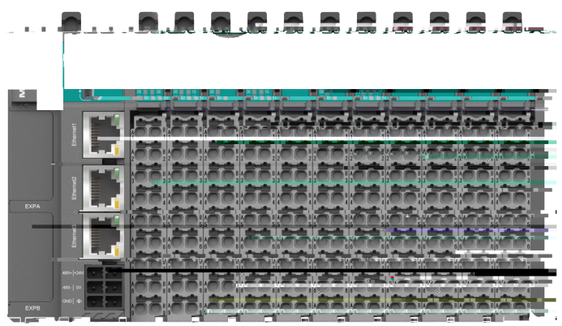
HMI

29/30

KX6. . Qcpgcq

MEGMEET

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 le cvn_lqgm l $ lcrumpigle

- 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

Djcvg`jc $ am l tc l gc l r mncp_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

MEGMEET

Model	Description		Speci cation
	CPU Module		
	IO of Main Module	Number of bus control axis	
MC5200E	Input: 16-channel Output: 16-channel transistor	-	Standard medium module Terminal: cluster terminal
MC5100EA	Input: 4-channel 200K pulse 3-channel 1M differential pulse Output: 4-channel transistor, 6×2M differential pulse channel	-	Pulse main module Terminal: cluster terminal
MC5101EB	Input:8-channel(support 4-channel 200K pulse) Output:8-channel transistor(support 4-channel 200K pulse)	-	Pulse main module Terminal: Euroblock
MC5000E8	Input: 16-channel Output: 16-channel transistor	8-axis EtherCAT	Bus main module Terminal: cluster terminal
MC5000E16	Input: 16-channel Output: 16-channel transistor	16-axis EtherCAT	Bus main module Terminal: cluster terminal
MC5000E32	Input: 16-channel Output: 16-channel transistor	32-axis EtherCAT	Bus main module Terminal: cluster terminal
MC5000E64	Input: 16-channel Output: 16-channel transistor	64-axis EtherCAT	Bus main module Terminal: cluster terminal
MC5001EB8	Input:8-channel(support 4-channel 200K pulse) Output:8-channel transistor(support 4-channel 200K pulse)	8-axis EtherCAT	Bus main module Terminal: Euroblock
MC5001EB16	Input:8-channel(support 4-channel 200K pulse) Output:8-channel transistor(support 4-channel 200K pulse)	16-axis EtherCAT	Bus main module Terminal: Euroblock
MC5001EB32	Input:8-channel(support 4-channel 200K pulse) Output:8-channel transistor(support 4-channel 200K pulse)	32-axis EtherCAT	Bus main module Terminal: Euroblock
MC5001EB64	Input:8-channel(support 4-channel 200K pulse) Output:8-channel transistor(support 4-channel 200K pulse)	64-axis EtherCAT	Bus main module Terminal: Euroblock
MC5000EA8	Input: 4-channel 200K pulse 3-channel 1M differential pulse Output: 4-channel transistor, 6×2M differential pulse channel	8-axis EtherCAT	Bus main module Terminal: cluster terminal
MC5000EA16	Input: 4-channel 200K pulse 3-channel 1M differential pulse Output: 4-channel transistor, 6×2M differential pulse channel	Input: 4-cha	Bus main module Terminal: cluster terminal

cn8410.616 0 Td(e)Tj0.615 0 Td(l)Tj0.228 0 Td( )Tj0.308 0 Td(2)Tj0.616 0 Td(0)Tj0.616 0 Td(0)Tj0.616 0 Td(K)Tj0.69 0 Td( )Tj0.308 0 Td(p)Tj0.616 0 Td(u)Tj0.616 0 Td(l)Tj0.231 0 Td(s)Tj0.538 0 Td(e)Tj/C20 1 Tf0.615 0 Td<023C>/TT0 1 Tf1 0 Td(3)Tj0.615 0 Td(-)Tj0.386 0 Td(c)Tj0.539 0 T
e0.616 0 Td(r)Tj0.385 0 Td(e)Tj0.615 0 Td(n)Tj0.616 0 Td(t)Tj0.385 0 Td(i)Tj0.231 0 Td(a)Tj0.616 0 Td(l)Tj0.227 0 Td( )Tj0.308 0 Td(p)Tj0.616 0 Td(u)Tj0.616 0 Td(l)Tj0.231 0 Td(s)Tj0.538 0 Td27Tj0.616 0 Td(a)Tg5-Tj0.615 0 Td(l3n)Tj0.616 0 Td(e)Tj-7.849 -1.385 Td(T)Tj0.615 0 Td(e)Tj0.615 0 Td(r)Tj0.385 0 Td(m)Tj0.924 0 Td(i)T

Applicable to MC6000/MC5000 basic modules and MC5000S remote IO modules

Power Module		
MP50AC220	Input: 100~240Vac, Output: 24V/2A	AC power module
IO Expansion Module		
MC5000-3232ETN	32-point 24DVC input, 32-point transistor output	Cluster terminal
MC5000-1616ETN	16-point 24DVC input, 16-point transistor output	Cluster terminal
MC5000-3200ENN	32-point 24DVC input	Cluster terminal
MC5000-0032ETN	32-point transistor output	Cluster terminal
MC5000-6400ENN	64-point 24DVC input	Cluster terminal
MC5000-0064ETN	64-point transistor output	Cluster terminal
MC5000-1600ENN-T	16-point 24DVC input	Plug-pull screw terminal
MC5000-0016ERN-T	16-point relay output	Plug-pull screw terminal
MC5000-0016ETN-T	16-point transistor output	Plug-pull screw terminal
MC5000-3200ENN-P	32-point IO input	Euroblock
MC5000-0032ETN-P	32-point IO output	Euroblock
MC5000-1616ETN-PH	16-point 24DVC input, 16-point transistor output (with 4 channels high-speed counter)	Euroblock
MC5000-1600ENN-P	16-point IO input	Euroblock
MC5000-0016ETN-P	16-point IO output	Euroblock
MC5000-0016ERN-P	16-point relay output	Euroblock
MC5000-0014EPN-P	14-point high-side transistor output	Euroblock
Special Function Module		
MC5000-8PO	8-axis 200KHZ pulse output module (1 main module can con gure up to 4, MC5000 only)	Cluster terminal
MC5000-4AD/8AD	4/8-channel analog quantity input module	Plug-pull screw terminal
MC5000-4DA	4-channel analog quantity output module	Plug-pull screw terminal
MC5000-4PT	4-channel thermal resistance temperature module	Plug-pull screw terminal
MC5000-4TC/8TC	4/8-channel thermocouple temperature module	Plug-pull screw terminal
MC5000-2WT*	2-channel weighing module	Plug-pull screw terminal
MC5000-4DA-P	4-channel analog quantity output module	Euroblock
MC5000-6AD-P	6-channel analog quantity input module	Euroblock
MC5000-8TC-P	8-channel thermocouple temperature module	Euroblock
Remote IO Module		
MC5000S-ET	EtherCAT expansion rack	EtherCAT slave station
MC5000S-EIP	EtherNet/IP expansion rack	EtherNet/IP slave station
MC5000S-PN	Pro Net expansion rack	Pro Net slave station
Accessory		
MCA05-100L	1m terminal line	Tieline
MCA05-150L	1.5m terminal line	Tieline
MCA10-40P	40PIN terminal	Wiring terminal

*

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

Product Feature

Flexible expansion

-
-

EtherCAT Control

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

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
-

Networking based on multi-communication

-
-
-

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)	
1β		

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

Product Feature

Networking based on multi-communication

-
-

Flexible expansion

-
-

Excellent performance for precise control

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

~ě ļ łĨěƒĀû łņĶčņç ļ ļ ěİ č

- Convenient hardware configuration
-
-
-
-

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

Product Feature

High speed and large capacity

- Program capacity: 12K
- μ

Strong expansion capability

-
-
-

High stability and reliability

-
- Input filter protection and power loss protection
-

Excellent communication networking

-
-
-

Reliable program security

-

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

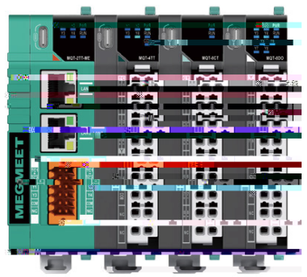
Model	Speci cation	Dimensions(mm) LxWxH
MC200-2AD MC200-4AD	2-point, 4-point analog quantity input	58x90x82
MC200-2DA MC200-4DA	2-point, 4-point analog quantity output	
MC200-8AD	8-point analog quantity input	
MC200-4AM	2-point analog quantity input, 2-point analog quantity output	
MC200-5AM	4-point 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	

MEGMEET
RUN
POWER
ERR
MC-1614BRA1

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



Fgef npcagqgml8

Fgef ncpdmpk_lac8

Qrpmleds largml8

Qgknjcglqr_jj_rgml8

Amknjcrc kmbsjc8

tem	ri ti n	
P W ru ly	-1 % ~ 0%	
ignal in ut	n ut ty	h rm u l ; ; ; N ; (rall hann
		h rmal r i tan ; P t100、P t100、u100、N 0 (rall hann
	P r i i n	h rm u l ; 0.1 % (ull al l m n ati n
		h rmal r i tan ; 0. % (ull al
	am ling y l	m / hann , 100m /8 hann , 100m / hann
ntr l ut ut	ut ut f rm	ran i t r ut ut(riv ut ut), r ay ut ut, urr nt ut ut, v lta ut ut
	ntr la ti n	anual, N ((, ing P , h ating & ling P , i ti n r rti nal P
Alarm ut ut	Alarmf rm	1 alarm , u h a u an l W limi talarm, ia ti n alarm an n.
	ut ut f rm	ran i t ran r ay ut ut(ut ut tat an ir ty ntr ll y W riting r gi t)
	ut ut hann	8 hann
igital in ut	n ut f rm	ran i t r in ut
	n ut hann	hann
ntr l y l		0.1 - 10 r 1 - 100
A ui i ti n hann		hann an 8 hann
la ti n	i t W n W an mmuni ati n, W an hann , mmuni ati n an hann , hann an hann
mmuni ati n rt	8 / M u - P / th N t / th A / P r fin t	
n al	Am i nt t m ratur	rking 0 ~ 0 °, t rag - 0 ~ 0 °
	Am i nthumi ity	rking 10 ~ 0 % H(n n ati n), k ing ~ % H(n n ati n)
	Alti u	W 000m
	P r t ti n l	P 0
&	rf rm t / N 1 -1 (ru in in u triall ati n ;	

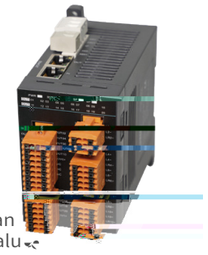
Kmbcj	?aosgqgrgml af_llcj	Rc k ncp_rspc am l rpmj msrnsr	?j_p k msrnsr	G l nsr rwnc
M - M	- H	M u P/ P/ th n t	ran i t r(- H)	
M - M	- H	M u P/ P/ th n t	ran i t r(- H)	
M -	- H	th A 从立	ran i t r(- H)	
M -	- H	th A 从立	ran i t r(- H)	
M -	- H	M u 8	ran i t r(- H)	
M -	- H	M u 8	ran i t r(- H)	
M - P N	- H	P r fin t	ran i t r(- H)	
M - P N	- H	P r fin t	ran i t r(- H)	
Rc k ncp_rspc am l rpmj k mbsjc				
M -	- H	M u 8	ran i t r(- H)	
M - A	- H	M u 8	Anal g(- H)	
M -	- H	M u 8	ay(- H)	
M -	- H	M u 8	ran i t r(- H)	
M - A	- H	M u 8	Anal g(- H)	
M -	- H	M u 8	ay(- H)	
Cvn_lqgml k mbsjc				
M -8	8- H	8- hann igital in ut	-	
M -8	8- H	8- hann igital ut ut	igital (8- H)	
M -8	8- H	8- hann urr nt t ti n	-	
M -8 M	8- H	- hann igital in ut, - hann igital ut ut	igital (- H)	
M -8A	8- H	8- hann anal g urr nt in ut	-	
M -8A	8- H	8- hann anal g v lta in ut	-	
M -8A	8- H	8- hann anal g ut ut	Anal g(8- H)	

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+NGB 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 cvaf_l ec	Data exchange easily between thermostat and PLC, thermostat and HMI, thermostat and computer through Ethernet and serial port

tem	ri t n	
P W u ly	(-1 % ~0%	
ignal in u t	n ut ty	
	Pr i i n	h rm u l
	am ling y l	
	u t u f rm	
n tr l u t u t	n tr la t n	
	Alarmf rm	
Alarm u t u t	u t u f rm	
	u t u t hann l	
in u t	n u f rm	
	n u t hann l	
n tr l y l		
A ui i t n hann l		
la t n		
mmuni a t n rt		
n ral	Am i n t m ratur	
	Am i n thumi i ty	
	Al t u	
	Pr t t n l l	
&	rf rm t / N1 -1(ru in in u trial l a t n U 1010-1; U	

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

th r A

Ma ur a ura y full al f ±0.1 % n tr la ura y ±0. °

0.1 am ling y l an 1m yn hr niza ti n y l a ing l m ul an
ra t P n tr l an im l l gi ra ti n, an m ni t r anal g valu

t m	ri ti n	
	(-1 % ~0%	
	th r A	
		lag it
		lag it

Product model

ran i t r

ran i t r

M 10 N A ui in n hann l m ra tur n tr l ut ut Alarm ut ut n ut y

M -10 - N 10- H

Product Feature

Fgef ncpdmp k_lac 0.1 am ling y l

Fgef npcagqgm l Ma ur a ura y full al f ±0.1 %
a a n tr la ura y ±0.

n ut y
am ling y l
Pr i i n l ut
ut
t r f

Picture					
Model/Series	MZ800-TT210SK30W	MZ800-TT215SK31	MZ800-TT07SK31M	MZ800-TT210SK31M	MZ800-TT22P
Display size					