https NJNJNJhıfĒın

DoNJnloĒķ thĻ lĒtĻst instĒllĒtion shĻĻts ljiĒ thĻ oåıiĒlNJĻİsitĻ or QR ıoķĻ

HCFA èĻİsitĻ 5

öhĻjiĕng HĻıhuĕnĒĻıhnologĭ Co Ltķ
No.5, Qinshan Road, Longyou Industrial Zone, Quzhou City, Zhejiang Province

07060201-0832-001
Date 2025-11-27
CN
EN Instruction Sheet

⚠ SĔfĻtĭ prĻıĔutions

/

The products in this manual are industrial products and are all open-type housing designs. It is essential to install these products within a control cabinet that is safeguarded against dust, moisture, and accidents such as electric shocks or physical impacts. Additionally, protective measures must be taken to prevent malfunctions or damage caused by improper operation or accidents involving non-maintenance personnel. Failure to do so may lead to serious risks to personnel safety and potential loss of prope r y.

M

Please refer to the M series hardware operation manual for more detailed information.

⚠ Batte r	M200 CPU CR-2032L/BN 5.3 The M200 series CPUs are equipped with built-in CR-2032L/BN batteries. Replacement batteries must be purchased from HCFA. A professional electrical engineer, wearing insulated gloves and with power turned o f, should replace them as described in Section 5.3. Les CPU de la série M200 sont équipés de batteries CR-2032L/BN intégrées.Les batteries de remplacement doivent être achetées auprès de HCFA.Un ingénieur électrique professionnel, po r ant des gants isolants et avec le courant coupé, devrait les remplacer comme décrit dans la section 5.3.

MoķĻlikĻntifiıĔtion

M M

1 2 3 4 5 6 7 8 9 10 11

1	Product name)
HC	Hechuan Technology)

2	Product series)
M2	/ (Basic/standard logic controller)

3	Number of Ethernet ports)
1	1 1)

4	Model code)*	
0	1	Type 1 product)
1	2	Type 2 product)
2	3	Type 3 product)
3	4	Type 4 product)

5	Function code)
(N/A)	Standard version)

6	Total I/O channels)

(Name)	Model)	(Applicable expansion card model)	IO * (Applicable IO model)	Brief description)
CPU CPU unit	HCM211-20MR-A	HCMXB-2RS232-200-BD HCMXB-2RS485-200-BD HCMXB-MA03-200-BD HCMXB-ID04-200-BD HCMXB-OD04-200-BD HCMXB-OD04-200-BD-PNP	HCMX-ID08-D HCMX-ID16-D HCMX-OD08-D HCMX-OD08-D-PNP HCMX-OD16-D HCMX-OD16-D-PNP HCMX-MD16-D HCMX-MD16-D-PNP HCMX-ID32-D HCMX-OD32-D HCMX-OD32-D-PNP HCMX-MD32-D HCMX-MD32-D-PNP HCMX-OC08-D HCMX-AD04-D HCMX-AD04S-D HCMX-DA04-D HCMX-DA04S-D HCMX-PT04-D HCMX-TC04-D	200k *2 12 8 EtherNet*1 CAN*1 RS485*2 USB*1 1 SD *1 16 Relay output, 200k high-speed counter*2, 12 inputs 8 outputs, EtherNet*1, CAN*1, RS485*2, USB*1, 1 optional card, SD card*1, suppo r s 16 right-side expansions
	HCM211-20MT4-A			200k *4 200k *2 12 8 EtherNet*1 CAN*1 RS485*2 USB*1 1 ,SD *1 16 200k pulse axis*4, 200k high-speed counter*2, 12 inputs 8 outputs, EtherNet*1, CAN*1, RS485*2, USB*1, 1 optional card, SD card*1, suppo r s 16 right-side expansions
	HCM211-32MR-A			200k *2 18 14 EtherNet*1 CAN*1 RS485*2 USB*1 1 ,SD *1 16 Relay output, 200k high-speed couné D ptional card, SD card*1, suppo r s 16 right-side expansions
	HCM211-42MT8-A			200k *8 200k *4 24 18 EtherNet*1 CAN*1 RS485*2 USB*1 1 ,SD *1 16 200k pulse axis*8, 200k high-speed counter*4, 24 inputs 18 outputs, EtherNet*1, CAN*1, RS485*2, USB*1, 1 optional card, SD card*1, suppo r s 16 right-side expansions
	HCM211-60MR-A			200k *4 36 24 EtherNet*1 CAN*1 RS485*2 USB*1 1 ,SD *1 16 Relay output, 200k high-speed counter*4, 36 inputs 24 outputs, EtherNet*1, CAN*1, RS485*2, USB*1, 1 optional card, SD card*1, suppo r s 16 right-side expansions
	HCM211-60MT10-A			200k *10 200k *4 36 24 EtherNet*1 CAN*1 RS485*2 USB*1 1 ,SD *1 16 200k pulse axis*10, 200k high-speed counter*4, 36 inputs 24 outputs, EtherNet*1, CAN*1, RS485*2, USB*1, 1 optional card, SD card*1, suppo r s 16 right-side expansions
	HCM212-60MT8-A			200k *8 200k *4 EtherCAT *8 36 24 EtherNet*1 CAN*1 RS485*2 USB*1 1 SD *1 16 200k pulse axis*8, 200k high-speed counter*4, EtherCAT bus axis*8, 36 inputs 24 outputs, EtherNet*1, CAN*1, RS485*2, USB*1, 1 optional card, SD card*1, suppo r s 16 right-side expansions

* CPU 16 IO

*Note: Up to 16 IO modules can be mounted to the right side of a CPU unit.

15	M211 EtherNet	M211 EtherNet communication interface	Modbus TCP EtherNet/IP Socket IPV4 192.168.1.8 255.255.255.0	100Mbps Ethernet port, supports Modbus TCP, EtherNet/IP, Socket free protocol Default IPV4: 192.168.1.8 Subnet mask: 255.255.255.0
	M212 EtherCAT	M212 EtherCAT communication interface	EtherCAT	100Mbps Ethernet port, supports EtherCAT master
16		Battery compartment	RTC	Stores RTC (Real-time Clock) battery
17		Expansion module connection interface	IO	The interface for the communication and power supply of the host and IO modules, does not support hot-swapping
18		Grounding spring	FE	Functional grounding (FE)

* M212

*Note: Only M212 is equipped with this inte r ace.

Model	Dimension mm						Weight g
	W1	W2	H1	H2	H3	D	
HCM211-20MR-A	122.30	120.00	108.00	100.00	35.40	74.50	436.8
HCM211-20MT4-A							404.0
HCM211-32MR-A	142.30	140.00					513.6
HCM211-32MT6-A							470.6
HCM212-32MT4-A							
HCM211-42MR-A	172.30	170.00					590.8
HCM211-42MT8-A							525.1
HCM211-60MR-A	214.30	212.00					711.2
HCM211-60MT10-A							646.6
HCM212-60MT8-A	214.30	212.00					

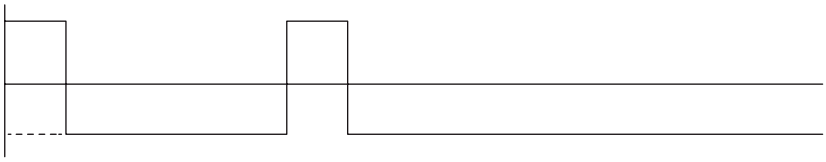
Inḳıı Ĕtor ḳĻsıription

(Screen printing) (Indicator meaning) (Color)	Status	Description
PWRd		

42MR/42MT8					
IN N (0~7 10~17 20~27	(Input)	(Green)	Not lit	N	The input channel N has not detected input signals
			Lit	N	The input channel N has detected input signals
OUT N (0~7 10~17 20~21	(Output)	(Green)	Not lit	N	There is no output signal in this channel
			Lit	N	There are output signals in this channel
60MR/60MT10/60MT8					
IN N (0~7,10~17,20~27, 30~37,40~43)	(Input)	(Green)	Not lit	N	The input channel N has not detected input signals
			Lit	N	The input channel N has detected input signals
OUT N (0~7 10~17 20~27	(Output)	(Green)	Not lit	N	There is no output signal in this channel
			Lit	N	There are output signals in this channel

CAN

The CAN communication indicator blinking frequency is shown in the following figure.



-LNS/SI0I1I2I3I4I5I6I7I10I11I12I13HLGNDLNS/S