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HCFA Electronics

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HCFA

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CN

EN Instruction Sheet



Safety Precautions



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 property.

M

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



Battery

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 off, 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, portant des gants isolants et avec le courant coupé, devra les remplacer comme décrit dans la section 5.3.

Model Identification

M

M

1

2

3

4

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11

HC	Hechuan Technology)		
M2	/ (Basic/standard logic controller)		
1	1	1)	
0	1	Type 1 product)	
1	2	Type 2 product)	
2	3	Type 3 product)	
3	4	Type 4 product)	

(N/A)	Standard version)		

(Name) Model) (Applicable expansion card model) (Applicable IO model)

HCM211-20MR-A

HCM211-20MT4-A

HCM211-32MR-A

HCM211-42MT8-A

HCM211-60MR-A

HCM212-60MT8-A

CPU
CPU unit

* CPU

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

16 IO

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

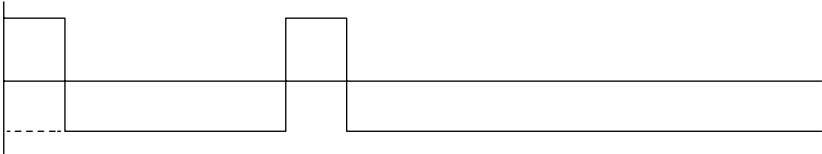
HCMX-ID08-D
HCMX-ID16-D
HCMX-OD08-D
HCMX-OD08-D-PNP
HCMX-OD16-D
HCMX-OD16-D-PNP
HCMX-MD16-D
HCMX-MD16-D-PNP
HCMX-ID32-D
HCMX-OD32-D
HCMX-OD32-D-PNP
HCMX-MD32-D
HCMX-MD32-D-PNP
HCMX-OC08-D
HCMX-AD04-D
HCMX-AD04S-D
HCMX-DA04-D
HCMX-DA04S-D
HCMX-PT04-D
HCMX-TC04-D

200k *2 12 8 Ethernet
Relay output, 200k high-speed counter*2, 12 inputs 8
optional card, SD card*1, supports 16 right-side expansion
200k *4 200k *2 12 8 Ethernet
200k pulse axis*4, 200k high-speed counter*2, 12 inputs
optional card, SD card*1, supports 16 right-side expansion
200k *2 18 14 Ethernet
Relay output, 200k high-speed counter*2, 18 inputs 14
optional card, SD card*1, supports 16 right-side expansion
200k *8 200k *4 24 18 Ethernet
200k pulse axis*8, 200k high-speed counter*4, 24 inputs
1 optional card, SD card*1, supports 16 right-side expansion
200k *4 36 24 Ethernet
Relay output, 200k high-speed counter*4, 36 inputs 24
optional card, SD card*1, supports 16 right-side expansion
200k *10 200k *4 36 24 Ethernet
200k pulse axis*10, 200k high-speed counter*4, 36 inputs
USB*1, 1 optional card, SD card*1, supports 16 right-side expansion
200k *8 200k *4 EthernetCAT *8
USB*1 1 SD *1 16
200k pulse axis*8, 200k high-speed counter*4, EthernetCAT
CAN*1, RS485*2, USB*1, 1 optional card, SD card*1, supports 16 right-side expansion

		(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
		(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.



(Output)

(Relay type)

24V

A/M212

A