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HCFA

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EN Instruction Sheet

1. 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
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, devrait les remplacer comme décrit dans la section 5.3.

2. Model Identification

HC M 1 1 - 20 M T 4 - A - XXXX
1 2 3 4 5 6 7 8 9 10 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)	IO * (Applicable IO model)	Brief description)
CPU CPU unit	HCM211-20MR-A			200k *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, supports 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, supports 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 counter*2, 12 inputs 8 outputs, EtherNet*1, CAN*1, RS485*2, USB*1, 1 optional card, SD card*1, supports 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, supports 16 right-side expansions
CPU CPU unit	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, supports 16 right-side expansions
	HCM211-60MT10-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 *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, supports 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, supports 16 right-side expansions
* CPU 16 IO				
*Note: Up to 16 IO modules can be mounted to the right side of a CPU unit.				



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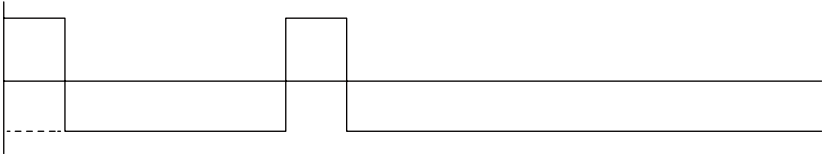
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OUT N (0~7 10~17 20~21	(Output)	(Green)		Not lit	N	The input channel N has not detected input signals
				Lit	N	The input channel N has detected input signals
	(Green)		Not lit	N	There is no output signal in this channel	
			Lit	N	There are output signals in this channel	
OUT N (0~7 10~17 20~27	(Output)	(Green)		Not lit	N	The input channel N has not detected input signals
				Lit	N	The input channel N has detected input signals
	(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)			