

⚠ 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.

M100			
Please refer to the M100 series hardware operation manual for more detailed information.			
⚠ Batterie	M100	CPU	CR2430
	The M100 series CPUs are equipped with built-in CR2430 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.		5.3
	Les CPU de la série M100 sont équipés de batteries CR2430 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

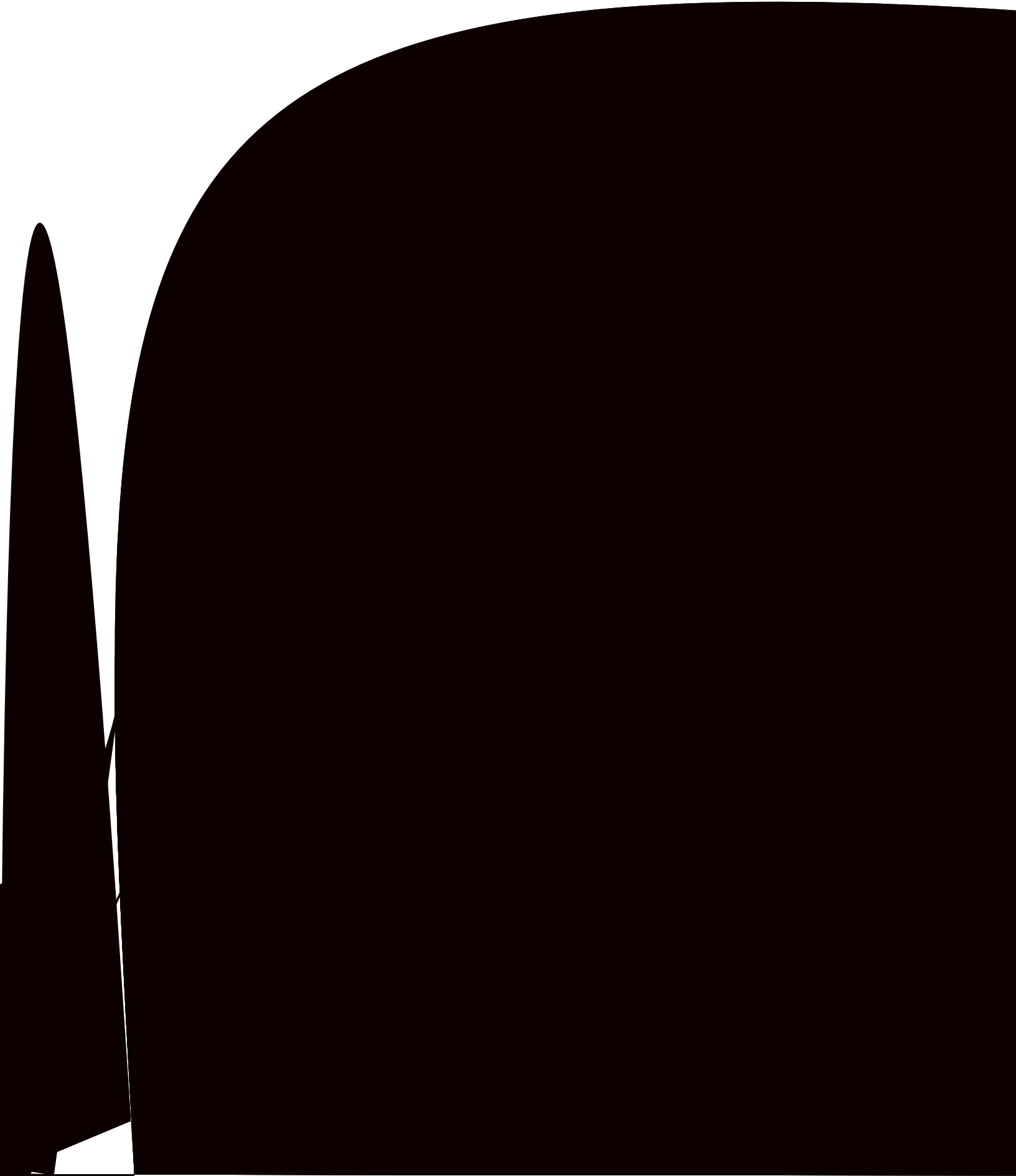
HC M1 00 _ - 20 M T 4T

*Note: If

5.

CN

12
13
14



7.	Indicator description
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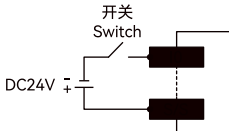
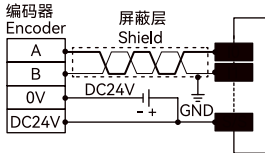
PWR	(Power)	(Green)		Not lit	Power o f	
				Lit	Power on	
RUN	(Run)	(Green)		Not lit	Stop	
				Lit	Run	
ERR	(System error)	(Red)		Not lit	No error	
				Lit	Error	
COM	RS485/RS232 (RS485/RS232 communication)	(Yellow)		Not lit	No communication	
				Blinking	Communication in progress	
		(Green)		Not lit	N	The input channel N has not detected input signals
				Lit	N	The input channel N has detected input signals
OUT N (0~5)	(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)	(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 10~15)	(Output)	(Green)		Not lit	N	There is no output signal in this channel
				Lit	N	There are output signals in this channel
PWR	(Power)	(Green)		Not lit	Power o f	
				Lit	Power on	
RUN	(Run)	(Green)		Not lit	Stop	
				Lit	Run	
ERR	(System error)	(Red)		Not lit	No error	
				Lit	Error	
COM1	RS232 (RS232 communication)	(Yellow)				

OUT N (0~7,10~17,20~27, 30~37,40~47)	(Output)	(Green)		Not lit	N	There is no output signal for this channel
				Lit	N	There are output signals in this channel

8. Terminal and wiring description

Input)	General input)		12	16	24	28	36	40
	High-speed input channels)		2 I0~I3					
Output)	General output)			14	16	20	24	40
	* High-speed output channels)	3 Q0~Q5	4 Q0~Q7	6 Q0~Q7 Q10~Q13				

* HCM100-MR
*Note: The HCM100-MR series does not support high-speed output .

(Input)	(NPN input)											
	(PNP input)											

