⚠ Safety precautions

/

The products involved are all open-type housing designs. Therefore they should be installed in a control cabinet that is free of airborne dust, humidity, electric shock, and vibration. The cabinet should prevent non-maintenance staf from operating the products or accidents from happening in case danger and damage may occur on the products.

M

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

General electrical and environmental specifications

General electrical specifcations				
Model	W	Rated power W		Rated voltage
HCMXB-2RS232-200-BD	0.15	0.15	DC5V DC4.75V~DC5.25V	DC5V, voltage range DC4.75V~DC5.25V
HCMXB-2RS485-200-BD	0.125	0.125		

*

*Note: All models are featured by the SELV input type.

Environmental requirements			
	Item		Specifications
	Altitude	≤2000m	≤2000m
	Operating environment		Installation within a control cabinet, open-type and indoor use
	Operating temperature	0~50	0~50
	Storage temperature	-25~75	-25~75
	Ambient humidity	5~95%RH	5~95%RH (non-condensation)
	Vibration resistance	5~150Hz X/Y/Z 1g/3.5mm	5~150Hz (X/Y/Z direction, 1g /3.5mm displacement)
	Pollution degree		Level 2
	Cooling method		Natural air cooling
	IP rating	IP20	IP20
	Enclosure material		Self-extinguishable

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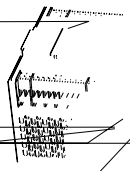
*Note: The equipment may be damaged if used in a manner not specifed by the manufacturer.

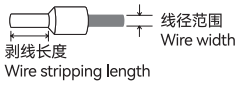
Installation instructions

Expansion card mounting and dismounting

CN



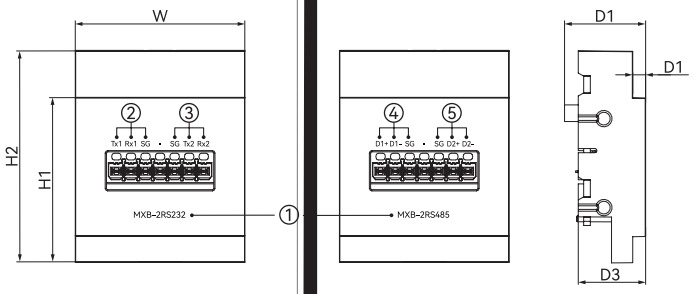
Terminal	AWG (Wire width)	mm (Wire stripping length)	N Pressure		N Wire pulling force	
(Communication terminal)	28~16	8~9	25		125	



⚠ Warning: Use copper conductors only.
Attention: Utilisez uniquement des conducteurs en cuivre.

Interface and dimension description

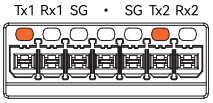
No.			Item
1			Product model
2	RS232	1	RS232 Channel 1
3	RS232	2	RS232 Channel 2
4	RS485	1	RS485 Channel 1
5	RS485	2	RS485 Channel 2

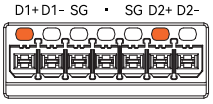


	H1	H2				
HCMXB-2RS232-200-BD HCMXB-2RS485-200-BD	40.80	33.40	51.00	19.50	3.10	16.20	20 approx.

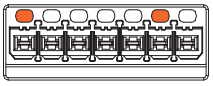
Indicator description

Tx1	RS232 1 (RS232 Channel 1 data sending)	(Orange)		Not lit		No data is being sent to other devices
				Blinking		Data is being sent to other devices
Tx2	RS232 2 (RS232 Channel 2 data sending)	(Orange)		Not lit		No data is being sent to other devices
				Blinking		Data is being sent to other devices
Rx1/SG/■/SG/Rx2	-	-	-	-	-	-
D1+	RS485 1 + (RS485 Channel 1 communication signal+)	(Orange)		Not lit		No data is being sent to other devices
				Blinking		Data is being sent to other devices
D2+	RS485 2 + (RS485 Channel 2 communication signal-)	(Orange)		Not lit		No data is being sent to other devices
				Blinking		Data is being sent to other devices
D1-/SG/■/SG/D2-	-	-	-	-	-	-





Terminal and wiring description

RS232	RS232 communication terminal)		RS232 1 RS232 Channel 1 wiring)	RS232 2 RS232 Channel 2 wiring)
RS232 1 RS232 Channel 1 data sending	Tx1		串口通讯设 Serial commun	