⚠ Safety precautions

/

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 manual for more detailed information.

Model identification

___ MXB MA03 □ BD XXXX

	Product name)
	Hechuan Technology)

	Expansion card series
MXB	M M-Series optional expansion

	Series model
MA03	2AD+1DA (Analog 2AD+1DA)

	Fixed suffix)
(N/A)	M300/M500/M500S (M300/M500/M500S series optional card)
200	M200 M200 series optional card
100	M100 M100 series optional card
500	M500 M500 series optional card

	Fixed suffix)
BD	BD Optional BD card)

	/ Software/ Firmware customized code and other identifiers
XXXX	0~9/A~Z/ (N/A)

3. Applicable model

Name)	Model)	Applicable controller model)*1		Brief description of expansion card
Analog expansion	HCMXB-MA03-BD	HCM312-32MT6-D HCM511S-32MT4-D HCM511-32MT4-D HCM512-32MT4-D HCM513-32MT4-D HCM514-32MT4-D	2 1	

* 1 2

*Note: The analog expansion card can be installed in the host expansion slot 1 or 2, with a maximum of two installable (suppo r ing single-slot or dual-slot installation).

General electrical and environmental specifications

General electrical specifications				
Model *1	/ *2	Rated voltage/power*2	/	Analog input/output range
HCMXB-MA03-BD	DC5V/0.15W	DC5V/0.15W	: 0~10V 0~5V 1~5V 0~20mA 4~20mA : 0~10V 0~5V 1~5V 0~20mA 4~20mA	Analog input: 0~10V 0~5V 1~5V 0~20mA 4~20mA Analog output: 0~10V 0~5V 1~5V 0~20mA 4~20mA

* 1. LPS SELV

2.

*Note: 1. All models can only operate under the safety extra low voltage (SELV) provided by a limited power source (LPS).

2. The power rating indicated here is the maximum power under full-load operation.

Environmental requirements			
	Item		Specifcations
		≤2000m	≤ 2000m
	Operating environment		
	Operating temperature	0~55	0~55
	Storage temperature	-25~70	-25~70
		10~95%RH	10~95%RH (non-condensing)
	Vibration resistance	5~150Hz X/Y/Z 1g/3.5mm	5~150Hz (X/Y/Z direction, 1g /3.5mm displacement)
		2	Level 2
			Natural air cooling
		IP20	IP20
	Enclosure material		Self-extinguishable

*

*Note: If the equipment is used in a manner not specifed by the manufacturer, the protection provided by the equipment may be impaired.

Installation instructions

Expansion card mounting and dismounting

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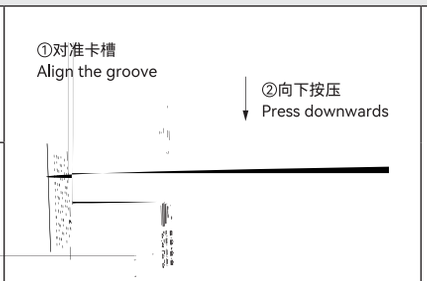

Removable terminal block mounting and dismounting		
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