



## X203

2-channel A/D (0 ~ 20 mA),  
2-channel D/I and 6-channel D/O

### Features

- 2-channel Non-Isolation Analog Input and 2-channel Non-Isolation Digital Input and 6-channel Non-Isolation Digital Output
- 12-bit differential input (0 ~ 20 mA)



### Introduction

The X-board series are for I-7188XA, I-7188XB, I-7188XC, I-7188XG, I-7188EG, I-7188EX and uPAC-7186EX Series (uPAC-7186EX, uPAC-7186PEX, uPAC-7186EG, uPAC-7186EX-FD, uPAC-7186EX-SM).

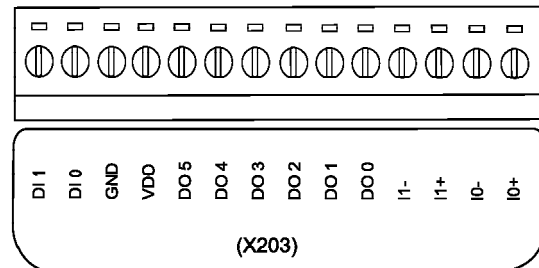
Above one  $\mu$ PAC can plug only one X-board.

X203 is a 2-channel Non-Isolation Analog Input and 2-channel Non-Isolation Digital Input and 6-channel Non-Isolation Digital Output X-board for I-7188XB, I-7188XG, I-7188EX, I-7188EG and uPAC-7186EX Series.

### Specifications

Analog Input		
Channels	2	
Resolution	12-bit	
Sampling Rate	1 KHz Max.	
Input Impedance	125 Ohm	
Common Voltage Protection	$\pm 15$ VDC	
Digital Input		
Channels	2	
Sink/Source (NPN/PNP)	Sink	
Dry Contact	ON Voltage Level	+1V Max.
	OFF Voltage Level	+3.5 V ~ +30 VDC
Isolation	None	
Digital Output		
Channels	6	
Type	Open Collector (NPN)	
Load Voltage	$\leq +30$ VDC	
Max. Load Current	100 mA	
Isolation	None	
Mechanical		
Dimensions (mm)	38 mm x 64 mm	
Environmental		
Operating Temperature	-25 ~ +75 °C	
Storage Temperature	-40 ~ +80 °C	
Humidity	5 ~ 90 %, Non-condensing	

### Pin Assignments



### Ordering Information

<b>X203 CR</b>	2-channel A/D (0 ~ 20 mA), 2-channel D/I and 6-channel D/O (RoHS)
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