

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).

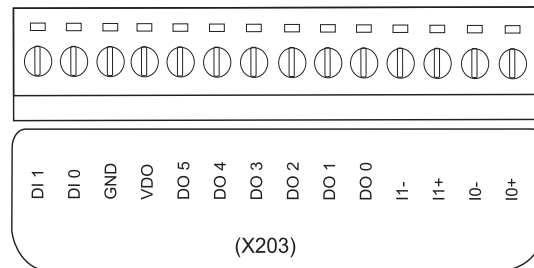
Above one μ PAC can plug only one X-board.

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 | ± 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

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