X310 Release Note:

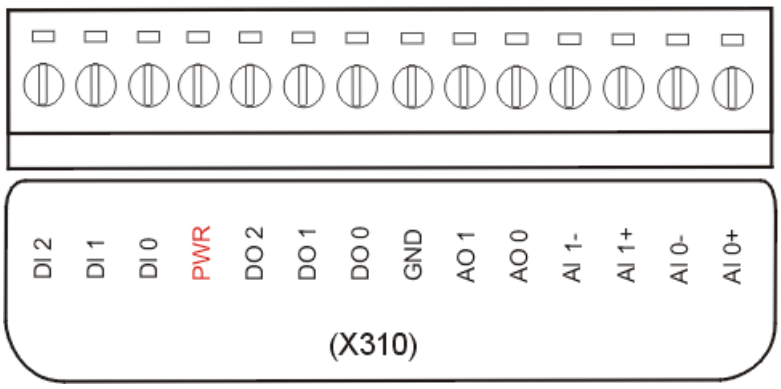
Supported Products:

I-7188XB/XG/EX/EG, µPAC-7186EX/EG/EX-FD/EX-SM, µPAC-7186PEX

Specifications:

Analog Input	
Channel	2
Wiring	Differential
Range	CH0: 0 ~ 20 mA CH1: 0 ~ +10 VDC
Resolution	12-bit
Sampling Rate	1 KHz Max. (Read one channel)
Input Impedance	CH0: 500 Ohm CH1: 2 MOhm
Over voltage Protection	+/- 30 VDC
Intra-module Isolation, Field to Logic	non-isolated
Analog Output	
Channel	1
Range	0 ~ +10 VDC
Resolution	12-bit
Output Capacity	20 mA
Intra-module Isolation, Field to Logic	non-isolated
Digital Input	
Channel	3
Contact	Dry
On Voltage Level	+3.5 VDC ~ +30 VDC
Off Voltage Level	0 ~ +1 VDC
Intra-module Isolation, Field to Logic	non-isolated
Digital Output	
Channel	3
Contact	Open Collector
Sink / Source (NPN / PNP)	Sink (NPN)
Load Voltage	+30 VDC Max.
Max. Load Current	100 mA Max.
Intra-module Isolation, Field to Logic	non-isolated

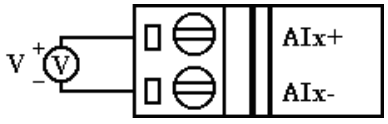
Pin Assignment:



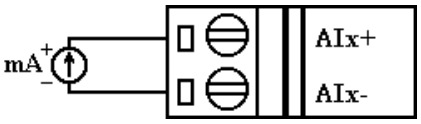
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Wire Connection:

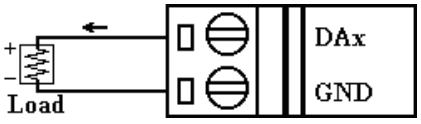
Voltage Input Wire Connection

Input Type	
	

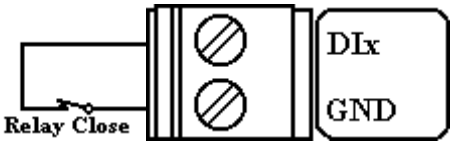
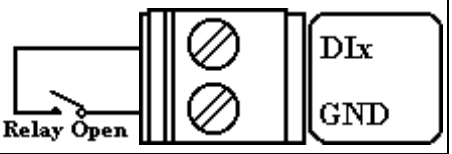
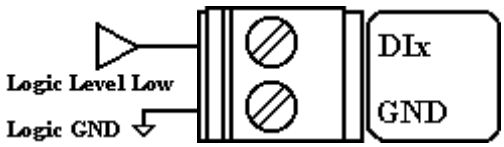
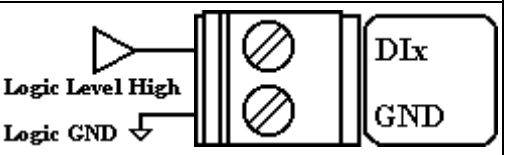
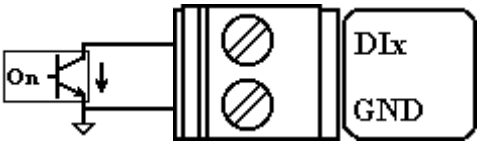
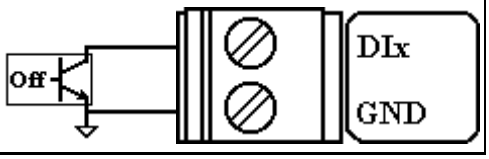
Current Input Wire Connection

Input Type	
	

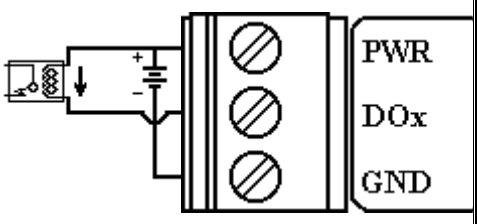
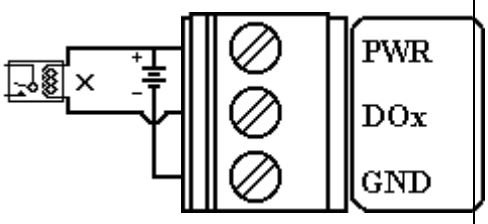
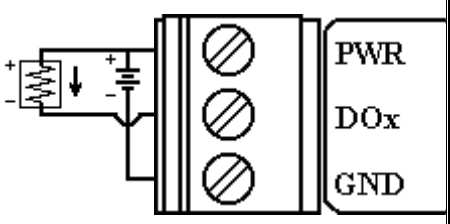
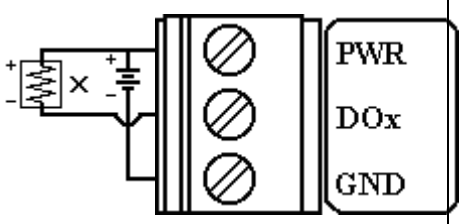
Voltage Output Wire Connection

Output Type	
	

Digital Input Wire Connection

Input Type	ON State DI value as 0	OFF State DI value as 1
Relay Contact		
TTL/CMOS Logic		
Open Collector		

Digital Output Wire Connection

Input Type	ON State DO value as 1	OFF State DO value as 0
Drive Relay		
Resistance Load		

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Programming:

for I-7188XB

http://ftp.icpdas.com/pub/cd/8000cd/napdos/7188xabc/7188XB/Demo/BC_TC/Xboard/

for I-7188EX

http://ftp.icpdas.com/pub/cd/8000cd/napdos/7188e/demo/bc_tc/xboard/

for µPAC-7186EX

http://ftp.icpdas.com/pub/cd/8000cd/napdos/7186e/demo/basic/bc_tc/xboard/

for I-7188XG/I-7188EG (manual, Driver, Demo)

http://ftp.icpdas.com/pub/cd/8000cd/napdos/isagraf/

Manual:

http://ftp.icpdas.com/pub/cd/8000cd/napdos/xboard/document/

Technical Service:

service@icpdas.com

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