X510 / X510-128 Release Note:

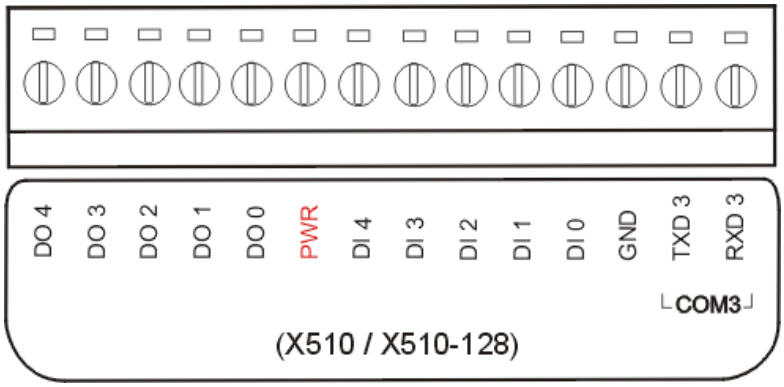
Supported Products:

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

Specifications:

Model	X510	X510-128
Digital Input		
Channel	5	
Contact	Dry	
On Voltage Level	+3.5 VDC ~ +30 VDC	
Off Voltage Level	0 ~ +1 VDC	
Intra-module Isolation, Field to Logic	None	
Digital Output		
Channel	5	
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	
Serial Port		
Number of port	RS-232 x 1	
Interface	TxD, RxD, GND	
Controller	16C550 compatible	
	Speed: 115200 bps Max.	
	Data bit : 5, 6, 7, 8	
	Stop bit : 1, 1.5, 2	
	Parity : None, Even, Odd, Mark, Space	
	FIFO: Internal 16 bytes for each port	
EEPROM	128K bytes x 2	128K byte
Endurance	100,000 Write Cycles / Page	
Data Retention	40 Years	
Intra-module Isolation, Field to Logic	non-isolated	
Note: EG / XG not supporting EEPROM and Flash memory		

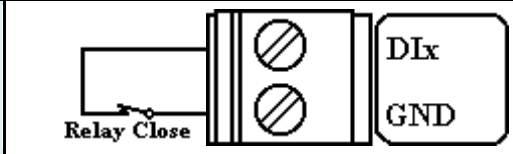
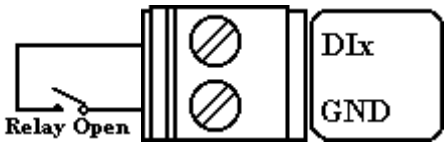
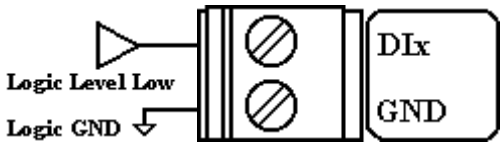
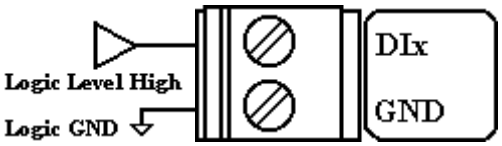
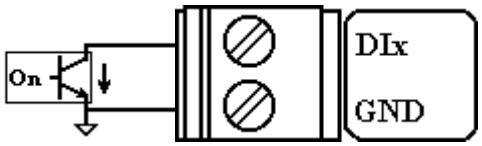
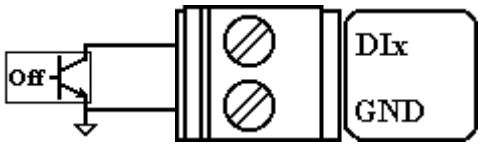
Pin Assignment:



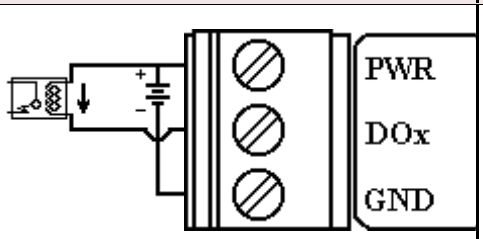
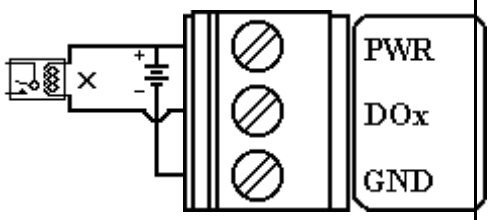
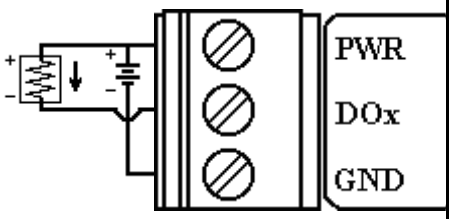
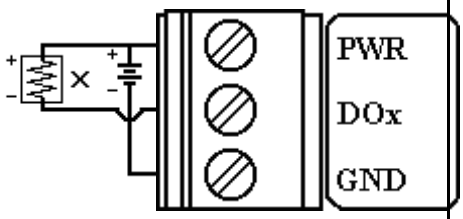
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Wire Connection:

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		

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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