# X507 Release Note:

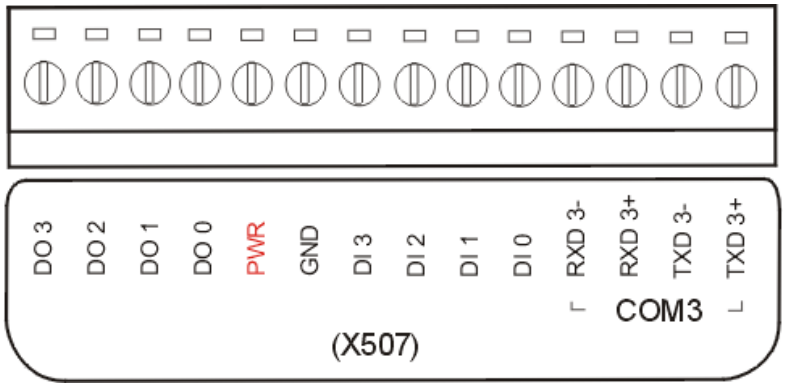
## Supported Products:

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

## Specifications:

| | |
|---|---|
| **Digital Input** | |
| Channel | 4 |
| 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 | 4 |
| 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-422 / RS-485 x 1 |
| Interface | RS-422: RxD+, RxD-, TxD+, TxD-<br>RS-485: TxD+ (Data+), TxD- (Data-) |
| 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 |
| Intra-module Isolation, Field to Logic | non-isolated |

## Pin Assignment:

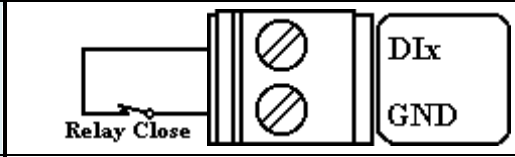
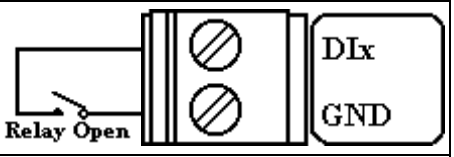
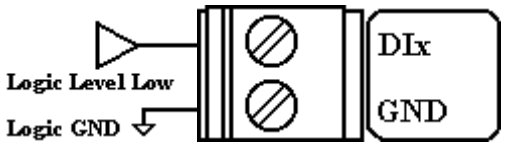
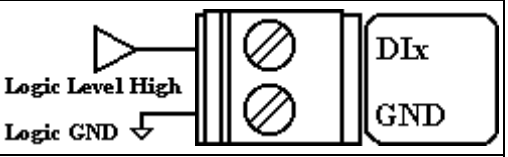
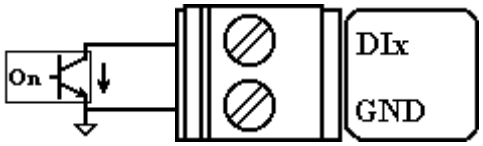
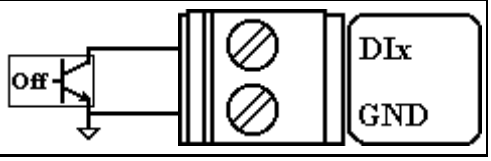




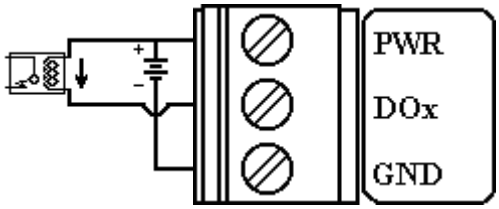
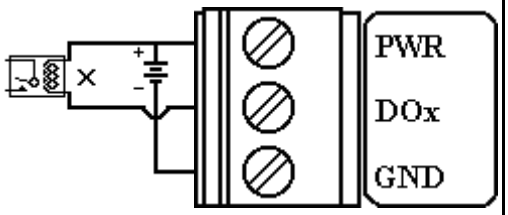
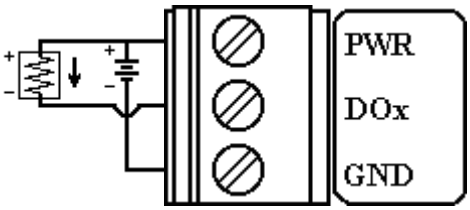
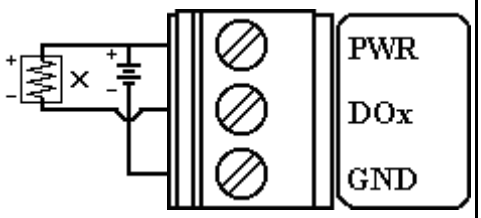

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## Wire Connection:

### Digital Input Wire Connection

| Input Type | ON State<br>DI value as 0 | OFF State<br>DI value as 1 |
|---|---|---|
| Relay Contact |  |  |
| TTL/CMOS Logic |  |  |
| Open Collector |  |  |

### Digital Output Wire Connection

| Input Type | ON State<br>DO value as 1 | OFF State<br>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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