# X109 Release Note:

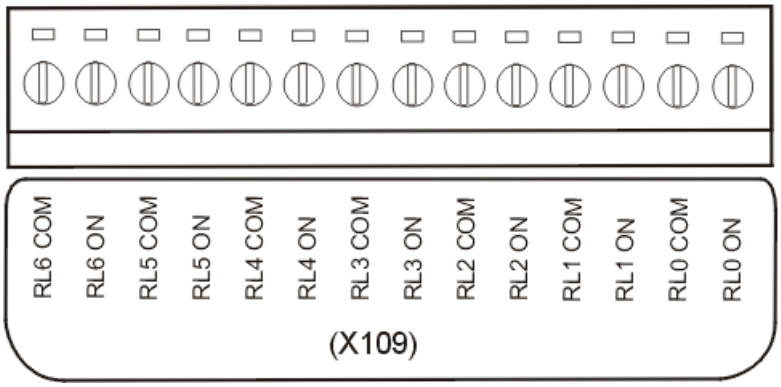
## Supported Products:

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

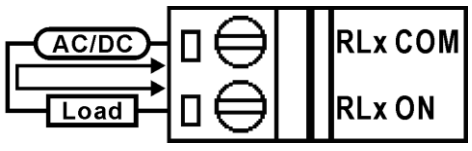
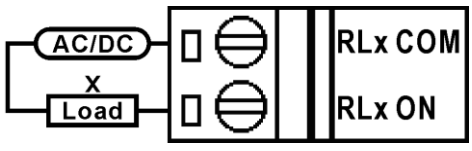
## Specifications:

| PhotoMOS Relay Output | |
|---|---|
| Channel | 7 |
| Type | Form A |
| Continuous load current | 120 mA (peak AC) |
| Peak load current | 0.3 A |
| Output Power dissipation | 0.3 W |
| Output Off state leakage current | 1 µA |
| Output On resistance | 25 Ohm |
| Load voltage | 350 V (peak AC) |
| Turn On time | 0.23 ms (Typical) |
| Turn Off time | 0.04 ms (Typical) |
| Input / Output Isolation | 1,500 VAC |

## Pin Assignment:




## Wire Connection:

| Input Type | ON State<br>DO value as 1 | OFF State<br>DO value as 0 |
|---|---|---|
| From A Relay Contact | Relay ON | Relay OFF |
| |  |  |







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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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