



XW107

8-ch Non-Isolated DI and 8-ch Non-Isolated DO Expansion Board

Features

- 8-ch Non-Isolated Digital Input
- Source-type Digital Input
- 8-ch Non-Isolated Digital Output
- Sink-type Digital Output



Introduction

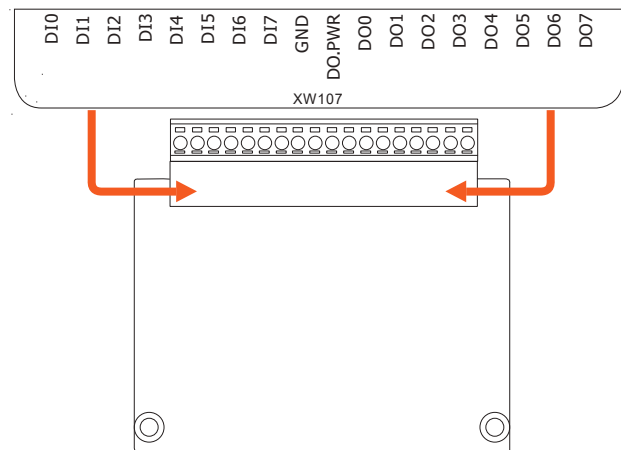
The XW-board series are for uPAC-5000, LP-51xx, and WP-51xx series. One PAC can only plug only one XW-board.

XW107 is a 8-channel Non-Isolation Digital Input and 8-channel Non-Isolation Digital Output XW-board.

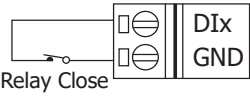
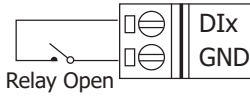
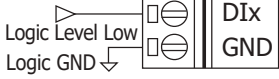
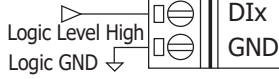
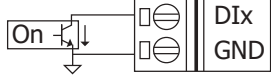
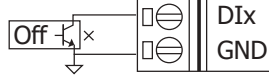
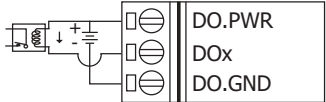
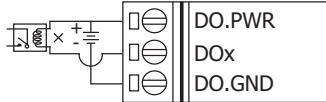
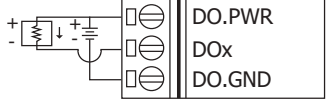
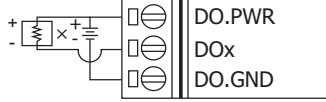
Specifications

| Digital Input | | |
|--|-------------------------|--------------|
| Input Channels | 8 | |
| Contact | Dry | |
| Sink/Source (NPN/PNP) | Source | |
| Wet Contact | On Voltage Level | - |
| | Off Voltage Level | - |
| Dry Contact | On Voltage Level | Close to GND |
| | Off Voltage Level | Open |
| Input Impedance | - | |
| Overvoltage Protection | 30 Vdc | |
| Intra-module Isolation, Field to Logic | - | |
| Digital Output | | |
| Output Channels | 8 | |
| Contact | Open Collector | |
| Sink/Source (NPN/PNP) | Sink | |
| Load Voltage | +10 VDC ~ 30 VDC | |
| Max. Load Current | 100 mA/channel at 25 °C | |
| Input Impedance | - | |
| Overload Protection | 1.4 A | |
| Intra-module Isolation, Field to Logic | - | |

Pin Assignments



Wire Connections

| Input Type | DI Value as 0 | DI Value as 1 |
|-----------------|---|---|
| Relay Contact | Relay ON  | Relay OFF  |
| | TTL/CMOS Logic  | Logic Level High  |
| Open Collector | On  | Off  |
| Output Type | DO Command as 1 | DO Command as 0 |
| Drive Relay |  |  |
| Resistance Load |  |  |

Ordering Information

| | |
|-----------------|---|
| XW107 CR | 8-ch Non-Isolated DI (Dry) and 8-ch Non-Isolated DO (Sink, NPN, 10 ~ 30 VDC) Expansion Board (RoHS) |
|-----------------|---|