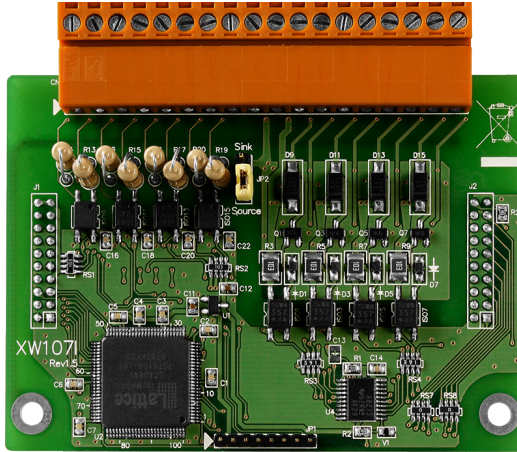




XW107i

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

Features

- 8-ch Isolated Digital Input
- Digital Input for Sink Type or Source Type (Jumper setting)
- 8-ch Isolated Digital Output
- Sink-type Digital Output



Introduction

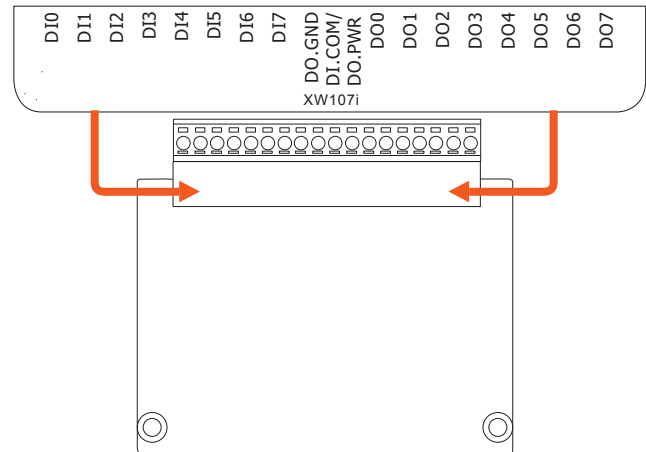
The XW-board series are for uPAC-5000, LP-51xx, and WP-51xx series. One PAC can only plug only one XW-board.

XW107i is a 8-channel Isolation Digital Input and 8-channel Isolation Digital Output XW-board.

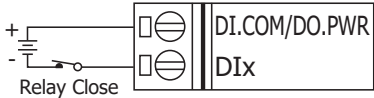
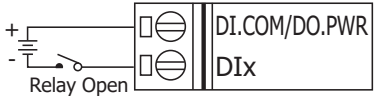
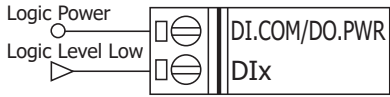
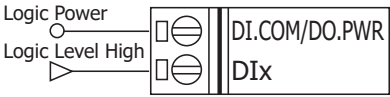
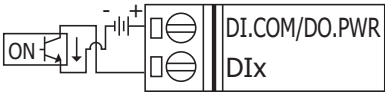
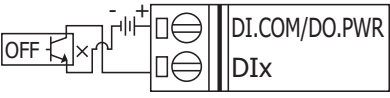
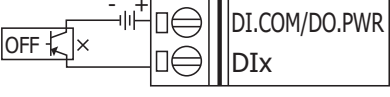
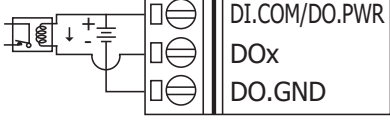
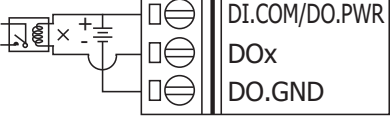
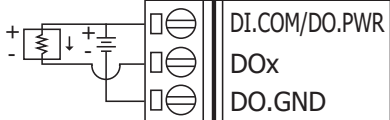
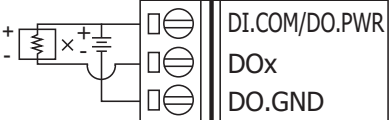
Specifications

Digital Input		
Input Channels		8
Contact		Wet
Sink/Source (NPN/PNP)		Sink/Source (Jumper setting)
Wet Contact	On Voltage Level	+10 VDC ~ +50 VDC
	Off Voltage Level	+4 VDC max.
Isolation		3750 VDC
Input Impedance		10 K Ohm
Overvoltage Protection		60 VDC
Digital Output		
Output Channels		8
Contact		Open Collector
Sink/Source (NPN/PNP)		Sink
Load Voltage		+10 VDC ~ 40 VDC
Max. Load Current		200 mA/channel at 25 °C
Overload Protection		1.4 A
Isolation		3750 VDC
Power		
Consumption		0.4 W
Mechanical		
Dimensions (mm)		66 mm x 82 mm x 17 mm (W x L x H)
Environmental		
Operating Temperature		-25 ~ +75 °C
Storage Temperature		-30 °C ~ +75 °C
Humidity		10 ~ 95% RH, Non-condensing

Pin Assignments



Wire Connections

Input Type	ON State LED ON Readback as 0	OFF State LED OFF Readback as 1
Relay Contact	Relay ON	Relay OFF
		
TTL/CMOS Logic	Voltage > 10V	Voltage < 4V
		
NPN Output	Open Collector ON	Open Collector OFF
		
PNP Output	Open Collector ON	Open Collector OFF
		
Output Type	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Drive Relay	Relay ON	Relay OFF
		
Resistance Load		
		

Ordering Information

XW107i CR	8-ch Isolated DI (Wet) and 8-ch Isolated DO (Sink, NPN, 10 ~ 40 VDC) Expansion Board (RoHS)
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