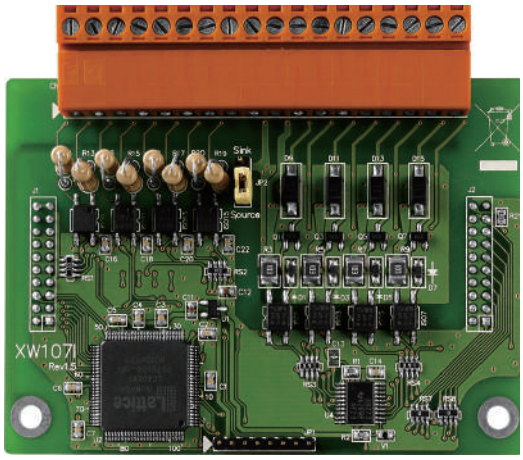


XW107i

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

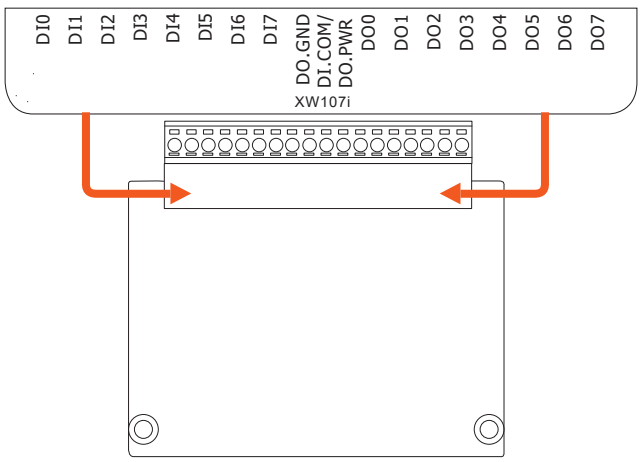
Introduction

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

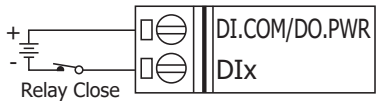
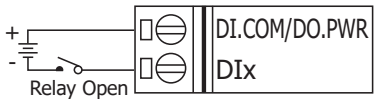
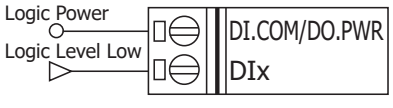
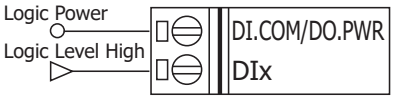
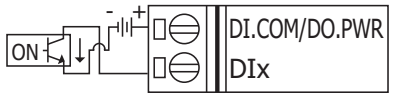
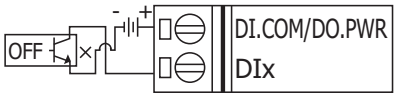
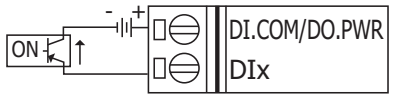
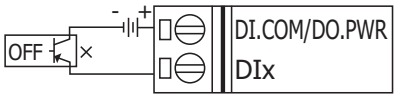
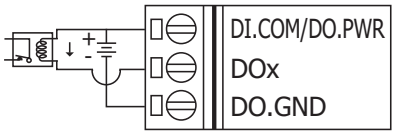
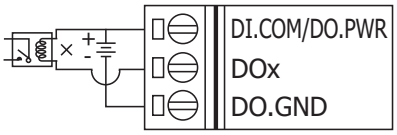
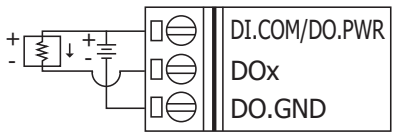
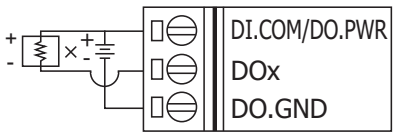
Digital Input		XW107	XW107i
Input Channels		8	
Contact		Dry	Wet
Sink/Source (NPN/PNP)		Source	Sink/Source (Jumper setting)
Contact	ON Voltage Level	Close to GND	+10 VDC ~ +50 VDC
	OFF Voltage Level	Open	+4 VDC max.
Isolation		-	3750 VDC
Input Impedance		-	10 K Ohm
Overvoltage Protection		30 VDC	60 VDC
Digital Output			
Output Channels		8	
Contact		Open Collector	
Sink/Source (NPN/PNP)		Sink	
Load Voltage		+10 VDC ~ 30 VDC	+10 VDC ~ 40 VDC
Max. Load Current		100 mA/channel at 25 °C	200 mA/channel at 25 °C
Overload Protection		1.4 A	
Isolation		-	3750 VDC
Power			
Consumption		0.2 W	0.4 W
Mechanical			
Dimensions (mm)		66 mm x 82 mm x 13 mm (W x L x H)	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



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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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