

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

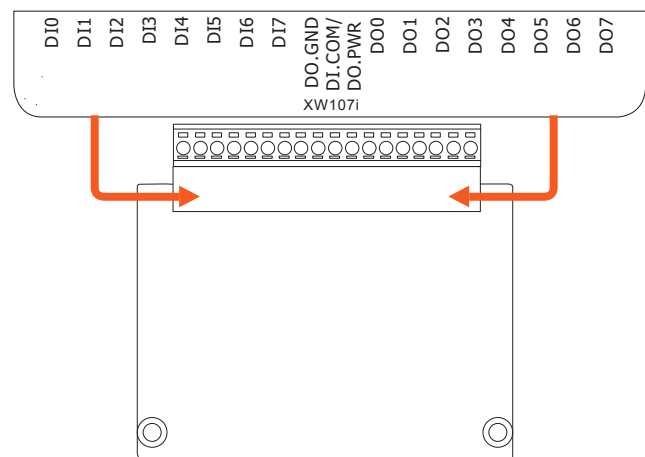
The XW-board series are for uPAC-5000, LP-51xx, and WP-51xx series. One PAC can only plug only one XW-board.

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

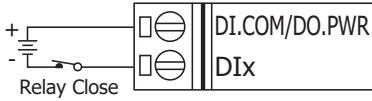
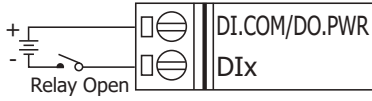
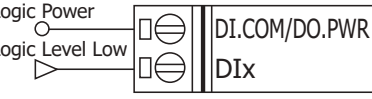
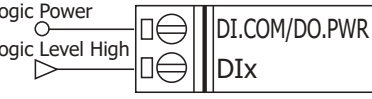

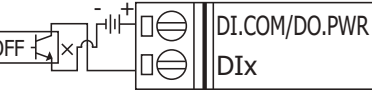


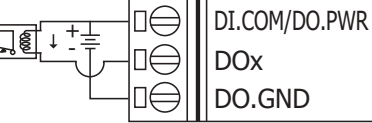
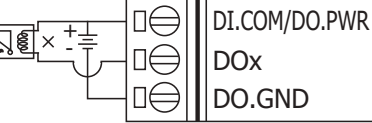
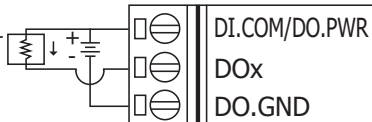
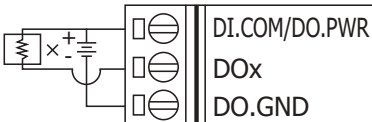
Specifications

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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