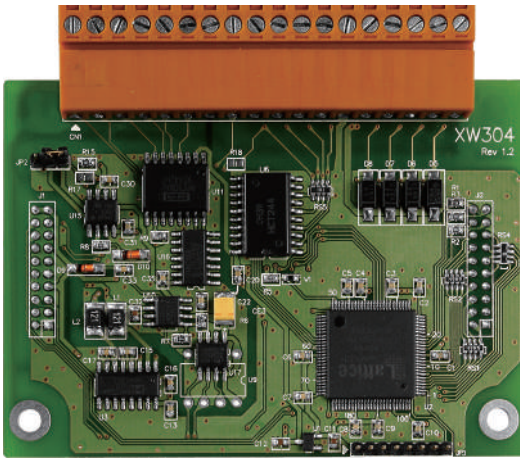


XW304

6-ch Voltage Input, 1-ch Voltage Output, 4-ch DI and 4-ch DO Expansion Board

Features

- 6-ch Non-Isolated Voltage Input
- 1-ch Non-Isolated Voltage Output
- 4-ch Non-Isolated Digital Input
- 4-ch Non-Isolated Digital Output

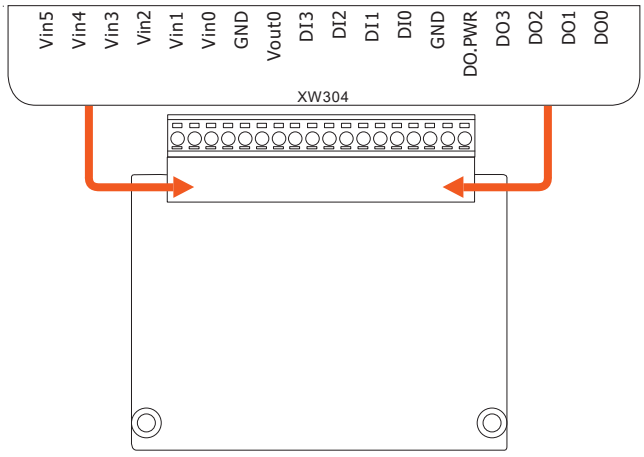
Introduction

The XW-board series are for uPAC-5000, LP-51xx, and WP-51xx series.

One PAC can only plug only one XW-board.

XW304 is a 6-channel Analog Input, 1-channel Analog Output, 4-channel Digital Output and 4-channel Digital Input XW-board.

Pin Assignments

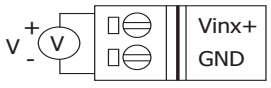
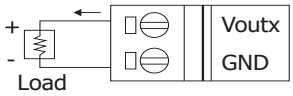
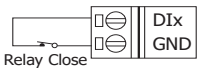
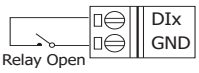
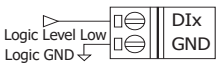
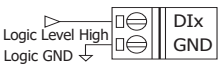
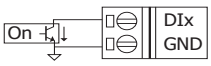
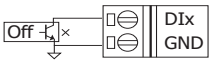
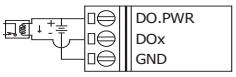
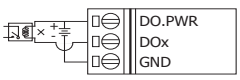
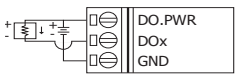
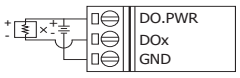


Specifications

Analog Input		
Input Channels		6
Range		±5 V, 0 ~ +5 V
Resolution		12-bit
Sampling Rate		4 KHz
Input Impedance		1 M Ohm
Over voltage Protection		± 30 VDC
Isolation		non-isolated
Analog Output		
Output Channels		1
Range		± 5 V
Resolution		12-bit
Output Capacity		20 mA
Isolation		non-isolated
Digital Input		
Input Channels		4
Contact		Dry
Dry Contact	ON Voltage Level	Close to GND
	OFF Voltage Level	Open
Overvoltage Protection		30 VDC
Digital Output		
Output Channels		4
Type		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
Power		
Consumption		0.3 W
Mechanical		
Dimensions (mm)		66 mm x 82 mm x 13 mm (W x L x H)
Environmental		
Operating Temperature		-25 ~ +75 °C
Storage Temperature		-30 °C ~ +75 °C
Humidity		10 ~ 95% RH, Non-condensing

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Wire Connections

Voltage Input Wire Connection	
Input Type	
Voltage Output Wire Connection	
Output Type	
Digital Input Wire Connection	
Input Type	DI Value as 0 / DI Value as 1
Relay Contact	Relay ON:  Relay OFF: 
TTL/CMOS Logic	Voltage < 1V:  Voltage > 3.5V: 
Open Collector	Open Collector ON:  Open Collector OFF: 
Digital Output Wire Connection	
Output Type	DO Command as 1 / DO Command as 0
Drive Relay	Relay ON:  Relay OFF: 
Resistance Load	 

Ordering Information

XW304 CR	6-ch Voltage Input, 1-ch Voltage Output, 4-ch DI (Dry) and 4-ch DO (Sink, NPN, 10 ~ 40 VDC) Expansion Board (RoHS)

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