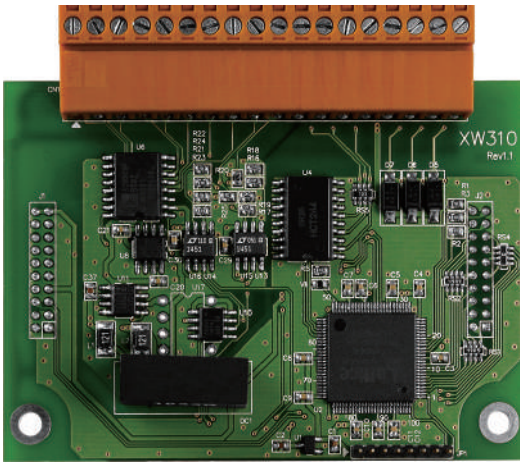


XW310

4-ch Voltage Input, 2-ch Voltage Output, 3-ch DI and 3-ch DO Expansion Board

Features

- 4-ch Non-Isolated Voltage Input
- 2-ch Non-Isolated Voltage Output
- 3-ch Non-Isolated Digital Input
- 3-ch Non-Isolated Digital Output

RoHS

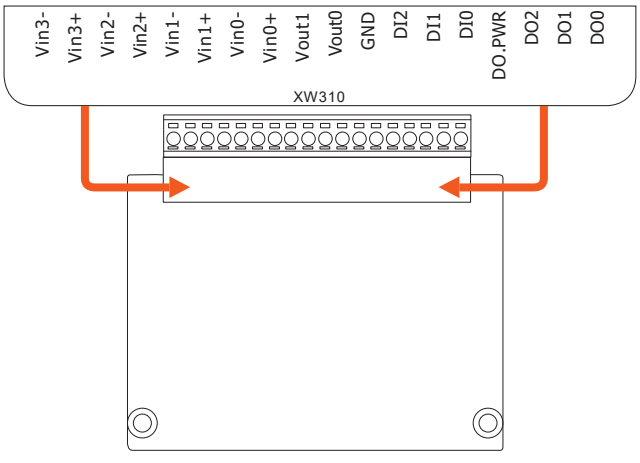
Introduction

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

One PAC can only plug only one XW-board.

XW310 is a 4-channel Analog Input, 2-channel Analog Output, 3-channel Digital Output and 3-channel Digital Input XW-board.

Pin Assignments

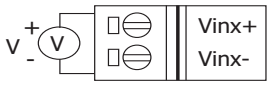
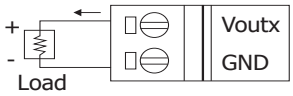
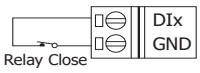
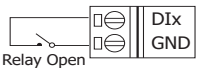
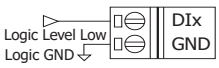
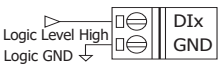
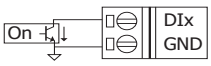
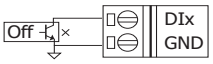
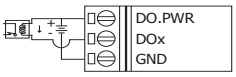
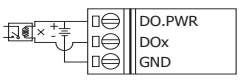
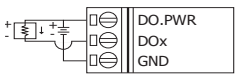
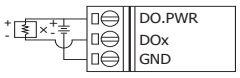


Specifications

Analog Input		
Channels		4
Range		±10 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		2
Range		±10 V
Resolution		12-bit
Output Capacity		20 mA
Isolation		non-isolated
Digital Input		
Input Channels		3
Contact		Dry
Dry Contact	ON Voltage Level	Close to GND
	OFF Voltage Level	Open
Overvoltage Protection		30 VDC
Digital Output		
Output Channels		3
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		0.9 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

XW310 CR	4-ch Voltage Input, 2-ch Voltage Output, 3-ch DI (Dry) and 3-ch DO (Sink, NPN, 10 ~ 40 VDC) Expansion Board (RoHS)

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