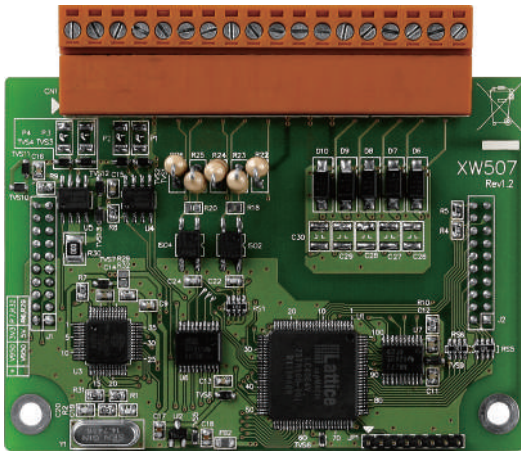


XW507

1-port Non-Isolated RS-422/485 with 5-ch Isolated Digital Input and 5-ch Isolated Digital Output

Features

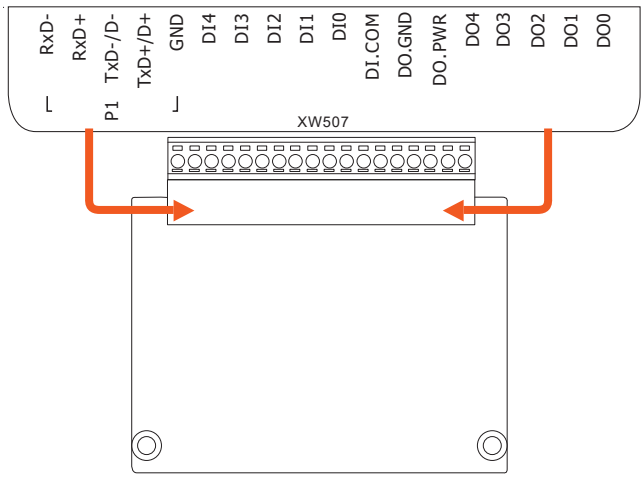
- Baud 115200 bps RS-422/485 supports
- I/O Expansion
  - DI(Wet): 5 Channels
  - DO(Sink): 5 Channels

Introduction

XW507 is a RS-422/485 port & DI/O expansion board for use with uPAC-50xx and WP-51xx series controllers. XW507 provides 1 Port Non-isolated RS-485 serial ports and 5-ch Isolated DI(Wet) and 5-ch Isolated DO(Sink) that have 128-byte FIFO buffers and support communication speeds up to 115,200 bps.

The serial communication modules are designed for use with intelligent devices like bar code readers, intelligent sensors, instrumentation equipment, computers, and almost any device with an RS-422 or RS-485 port.

Pin Assignments



Ordering Information

XW507 CR	1-port Non-Isolated RS-422/485, 5-ch Isolated DI (Wet) and 5-ch Isolated DO (Sink, NPN, 10 ~ 40 VDC) Expansion Board (RoHS)

Specifications

Digital Input	
Channels	5
Type	Wet
Sink/Source (NPN/PNP)	Sink/Source
Wet Contact, ON Voltage Level	+10 VDC ~ +50 VDC
Wet Contact, OFF Voltage Level	+4 VDC Max.
Isolation	3750 Vrms
Input Impedance	10 K Ohm
Overvoltage Protection	60 VDC
Digital Output	
Channels	5
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
Isolation	3750 Vrms
COM Ports	
Ports	1x RS-485/RS-422
Baud Rate	115200 bps Max.
Parity	None, Even, Odd, Mark, Space
Data Bit	5, 6, 7, 8
Stop Bit	1, 1.5, 2
FIFO Size	128 bytes
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

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000