

XW506/XW507/XW508/XW509/XW511i/XW514

XW506: 6-port Non-Isolated RS-232

XW507: 1-port Non-Isolated RS-422/485 with 5-ch Isolated Digital Input and 5-ch Isolated Digital Output

XW508: 8-port Non-Isolated RS-232

XW509: 2-port Non-Isolated RS-232 with 4-ch Isolated Digital Input and 4-ch Isolated Digital Output

XW511i: 4-port Isolated RS-485

XW514: 8-port Non-Isolated RS-485



Hardware



FAQ



Certification

~ Available soon ~



Model: XW506



Model: XW507



Model: XW509



Model: XW514

~ Available soon ~



Model: XW508



Model: XW511i

Specifications

Models	XW506	XW509	XW507	XW508	XW511i	XW514
Digital Input						
Channel	–	4	5	–	–	–
Contact	–	Wet		–	–	–
Sink/Source (NPN/PNP)	–	Sink/Source		–	–	–

Wet Contact	On Voltage Level	–	+10 VDC ~ +50 VDC		–	–	–
	Off Voltage Level	–	+4 VDC Max.		–	–	–
Dry Contact	On Voltage Level	–	–		–	–	–
	Off Voltage Level	–	–		–	–	–
Input Impedance		–	10 K Ohm		–	–	–
Overvoltage Protection		–	60 VDC		–	–	–
Intra-module Isolation, Field to Logic		–	3750 Vrms		–	–	–
Digital Output							
Channel		–	4	5	–	–	–
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		–	–	–
Intra-module Isolation, Field to Logic		–	3750 Vrms		–	–	–
Serial Port							
Number of ports		RS-232 x 6	RS-232 x 2	RS-422/485 x 1	RS-232 x 8	RS-485 x 4	RS-485 x 8
Interface		TxD, RxD, GND	TxD, RxD, GND and TxD, RxD, CTS, RTS, GND	TxD+/D+, TxD-/D-, RxD+, RxD-, GND	TxD, RxD, GND	Data+, Data-	

Controller	16C550 compatible		16C950 compatible			
	Speed: 115200 bps Max.					
	Data bit : 5, 6, 7, 8					
	Stop bit : 1, 1.5, 2					
	Parity : None, Even, Odd, Mark, Space					
	FIFO: Internal 16 bytes for each port			FIFO: Internal 128 bytes for each port		
Interrupt	Shared Interrupt					
Intra-module Isolation, Field to Logic	-	-	-	-	2500 VDC	-
Mechanical						
Dimensions (W x L x H)	66 mm x 82 mm x 13 mm	66 mm x 82 mm x 17 mm		66 mm x 82 mm x 13 mm	66 mm x 82 mm x 14 mm	66 mm x 82 mm x 13 mm
Power Requirements						
Input Voltage	+5 VDC from PAC					
Consumption	0.2 W Max.	0.5 W Max.	0.4 W Max.	0.2 W Max	0.8 W Max.	0.6 W Max.
Environment						
Operating Temperature	-25 °C ~ +75 °C					
Storage Temperature	-30 °C ~ +75 °C					
Humidity	10 ~ 95% RH, Non-condensing					

Ordering Information

XW506 CR	6-port Non-Isolated RS-232 (RoHS)
XW507 CR	1-port Non-Isolated RS-422/485 with 5-ch Isolated Digital Input and 5-ch Isolated Digital Output (RoHS)
XW508 CR	8-port Non-Isolated RS-232 (RoHS)
XW509 CR	2-port Non-Isolated RS-232 with 4-ch Isolated Digital Input and 4-ch Isolated Digital Output (RoHS)
XW511i CR	4-port Isolated RS-485 (RoHS)

	XW514 CR	8-port Non-Isolated RS-485 (RoHS)	
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