

XW107/XW107i/XW110i/XW111i

XW107: 8-channel Non-Isolated Digital Input and 8-channel Non-Isolated Digital Output

XW107i: 8-channel Isolated Digital Input and 8-channel Isolated Digital Output

XW110i: 16-channel Isolated Digital Input

XW111i: 16-channel Isolation Digital Output



Model: XW107



Model: XW107i



Model: XW110i



Model: XW111i

Specifications

Models		XW107	XW107i	XW110i	XW111i
Digital Input					
Input Channels		8	8	16	-
Contact		Dry	Wet	Dry + Wet	-
Sink/Source (NPN/PNP)		Source	Sink/Source (Jumper setting)	Sink/Source	-
Wet Contact	On Voltage Level	-	+10 VDC ~ +50 VDC	+10 VDC ~ +50 VDC	-
	Off Voltage Level	-	+4 VDC max.	+4 VDC max.	-
Dry Contact	On Voltage Level	Close to GND	-	Close to GND	-
	Off Voltage Level	Open	-	Open	-
Input Impedance		-	10 K Ohm		-
Overvoltage Protection		30 Vdc	60 Vdc	60 Vdc for Wet Contact	-
Intra-module Isolation, Field to Logic		-	3750 Vrms	3750 Vrms	-
Digital Output					
Channel		8	8	-	16

Contact	Open Collector		-	Open Collector
Sink/Source (NPN/PNP)	Sink		-	Sink
Load Voltage	+10 VDC ~ 30 VDC	+10 VDC ~ 40 VDC	-	+10 VDC ~ +50 VDC
Max. Load Current	100 mA/channel at 25 °C	200 mA/channel at 25 °C	-	350 mA/channel at 25 °C
Input Impedance	-			
Overload Protection	1.4 A		-	1.4 A
Intra-module Isolation, Field to Logic	-	3750 Vrms	-	3750 Vrms
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 17 mm	66 mm x 82 mm x 13 mm
Power Requirements				
Input Voltage	+5 VDC from PAC			
Consumption	0.2 W	0.4 W	0.6 W	0.2 W
Environment				
Operating Temperature	-25 °C ~ +75 °C			
Storage Temperature	-30 °C ~ +75 °C			
Humidity	10 ~ 95% RH, Non-condensing			

Ordering Information

XW107 CR	8-channel Non-Isolation Digital Input and 8-channel Non-Isolation Digital Output (RoHS)
XW107i CR	8-channel Isolation Digital Input and 8-channel Isolation Digital Output (RoHS)
XW110i CR	16-channel Isolation Digital Input (RoHS)
XW111i CR	16-channel Isolation Digital Output (RoHS)