

# ASIO-7041PD – 14 Ch Digital Input Counter Module, Modbus



Features	
•	14 Channel Digital Input / Counter Channels
•	Modbus RTU Serial Interface

## Specifications

Digital Input/Counter		EMS Protection	
<b>Channels</b>	14 Sink/Source	<b>ESD (IEC 61000-4-2)</b>	±4 kV Contact/Terminal
<b>Wet Contact</b>	On Voltage Level +19 ~ 30 VDC		±8 kV Air for Random Point
	Off Voltage Level +11 VDC Max	<b>EFT (IEC 61000-4-4)</b>	±2 kV for Power Line
<b>Counters</b>	Max Count 65535 (16-bit)	<b>Power</b>	
	Max Input 100 Hz	<b>Polarity Protection</b>	Yes, Reverse
	Min Pulse Width 5 ms	<b>Input Range</b>	+10 ~ +30 VDC
<b>Input Impedance</b>	3 KΩ	<b>Consumption</b>	1.0 W
<b>Protection</b>	±35 VDC Over Voltage	<b>Isolation</b>	
<b>Communication</b>		<b>Intra-module Isolation</b>	Field-to-logic 3750 VDC
<b>Interface</b>	RS-485	<b>Mechanical</b>	
<b>Baud Rate</b>	1200 ~ 115200 bps	<b>Dimensions (W x L x H)</b>	72 mm x 123 mm x 35 mm
<b>Protocol</b>	Modbus RTU	<b>Mounting</b>	DIN-Rail or Wall Mounting
<b>Dual Watchdog</b>	1.6 Sec, Communication (programmable)	<b>Connectors</b>	Plug-in Screws, terminal Block
		<b>LED Indicators</b>	DI, Power/Communication
		<b>Environment</b>	
		<b>Operating Temp</b>	-25 ~ +75°C
		<b>Storage Temp</b>	-30 ~ +85°C
		<b>Relative Humidity</b>	10 ~ 95% Non-condensing