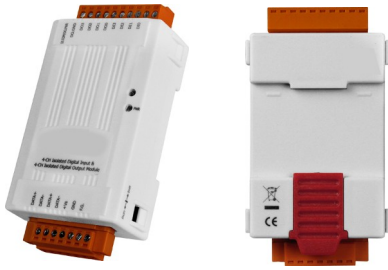


ASIO-TP4A4 – 4 Ch Digital Input, 4 Ch Digital Output, Module, Modbus



Features
<ul style="list-style-type: none"> • 4 Channel Digital Input/Counter • 4 Channel Digital Output • Modbus RTU & ASCII

Specifications	
Digital Input	
Channels	4
Type	Wet Contact (Sink)
On Voltage	+3.5VDC ~ 50VDC
Off Voltage	+1V max.
Input Impedance	10KΩ, 0.66W
Counters	Channels 4
	Max Counts 65535 (16-bit)
	Max Input Frequency 100Hz
	Min. Pulse Width 5ms
Protection	Over Voltage 70VDC
Digital Output	
Channels	4
Type	Isolated Open Collector (Source)
Load Current	650mA/Channel Max
Load Voltage	+10VDC ~ +40VDC
Protection	Over Voltage 47VDC
	Overload
	Short-Circuit
Communication	
Channels	RS-485
Baud Rate	1200 ~ 115,200bps
Protocol	Modbus RTU & ASCII
Dual Watchdog	2.3 Seconds, Communication (Programmable)
EMS Protection	
ESD (IEC 61000-4-2)	±4kV Contact/Terminal
	±8kV Random Point
EFT (IEC 61000-4-4)	±4kV Power
Power	
Polarity Protection	Yes, Reverse
Input Range	10 ~ 30VDC
Consumption	1 W Max.
Isolation	
Intra-module Isolation	Field-to-logic 3750VDC
Mechanical	
Dimensions (W x L x H)	52mm x 98mm x 27mm
Mounting	DIN-Rail
Connectors	Terminal Block
LED Indicator	Power
Environment	
Operating Temperature	-25 °C ~ +75 °C
Storage Temperature	-30 °C ~ +75 °C
Relative Humidity	10 ~ 95% Non-condensing