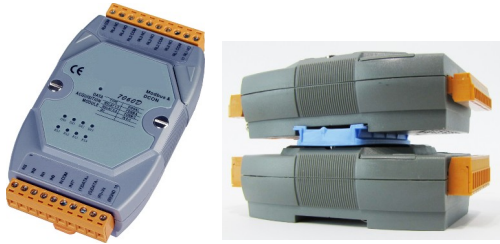


ASIO-7084 – 8 Ch Counter/Frequency or 4 Ch Encoder Input Module, Modbus



Features	
•	8 Counter/Frequency Channels or 4 Encoder Input Channels
•	Configurable Channels Individually
•	Virtual Battery Backup Counter Values
•	Preset Values for Counters
•	Modbus RTU Serial Interface

Specifications

Counter/Frequency/Encoder Input		Communication	
Configurable Channels	4-Channel Up/Down Counter	Interface	RS-485
	4-Channel Dir/Pulse Counter	Baud Rate	1200 to 115200 bps
	4-Channel A/B Phase	Protocol	Modbus RTU
	8-Channel Up Counter	Dual Watchdog	1.6 Sec. Communication (Programmable)
	8-Channel Frequency		
Contact	Wet, Sink	EMS Protection	
Types	Counter, Frequency, or Encoder	ESD (IEC 61000-4-2)	4 kV Contact/Terminal
Counter/Encoder	32-bit (4,294,967,295)		8 kV for Random Point
On voltage Level	3.5 VDC ~ 30 VDC	EFT (IEC 61000-4-4)	±4 kV for Power Line
Off Voltage Level	1 VDC (max)	Surge (IEC 61000-4-5)	±3 kV for Power Line
Digital Filter	1 ~ 32767 μs (Programmable)	Power	
Counter Mode	Up or Up/Down	Polarity Protection	Yes, Reverse
Encoder Mode	CW/CCW, Dir/Pulse, AB Phase	Input Range	+10 ~ +30 VDC
Frequency Mode	Yes	Consumption	1.32 W
Max Speed	3.5 VDC ~ 10 VDC 200 kHz	Isolation	
	10 VDC ~ 30 VDC 150 kHz	Intra-module Isolation	Field-to-logic 3750 VDC
Frequency Accuracy	±0.4% Input Frequency	Mechanical	
		Dimensions (W x L x H)	72 mm x 123 mm x 35 mm
		Mounting	DIN-Rail or Wall Mounting
		Connectors	Plug-in Screws, terminal Block
		LED Indicators	Power/Comm, I/O Status
Environment			
		Operating Temp	-25 ~ +75°C
		Storage Temp	-30 ~ +85°C
		Relative Humidity	10 ~ 95% Non-condensing