

AEIO-7251 – 16 Ch DI/Counter, Dual Port Ethernet Module



Features
<ul style="list-style-type: none"> • 16 Channel Digital Input/Counters • 2-Port Ethernet Switch for Daisy-Chain • Modbus TCP/UDP

Specifications

Digital Input/Counter	
Channels	16 Sink/Source
Contact	Wet Contact
Input Impedance	10 kΩ
On Voltage Level	+10 VDC ~ +50 VDC
Off Voltage Level	+4 VDC Max.
Counters	Max 4,294,967,285 (32 bits)
	Max Input Frequency 500 Hz
	Min Pulse Width 1 ms
Protection	+70 VDC Over Voltage
Communication	
Ethernet Switch Ports	2 x RJ-485 10/100 Base-TX
Protocol	Modbus TCP/UPD
Security	ID, Password, & IP Filter
Dual Watchdog	0.8 sec, Communication (Programmable)
2-Way Isolation	
Ethernet	1500 VDC
I/O	2500 VDC

EMS Protection	
ESD (IEC 61000-4-2)	4 kV Contact/Terminal 8 kV Air for Random Point
EFT (IEC 61000-4-4)	+/-4 kV for Power
Power	
Polarity Protection	Yes, Reverse
Power Range	12 ~ 48 VDC
Consumption	2.9 W
Mechanical	
Dimensions (W x L x H)	76 mm x 120 mm x 38 mm
Mounting	DIN-Rail or Wall Mounting
Connectors	Plug-in Screws, Terminal Block
LED Indicators	DI/DO Status, Run, Ethernet
Environmental	
Operating Temp	-25 ~ +75°C
Storage Temp	-30 ~ +80°C
Relative Humidity	10 ~ 90% Non-condensing