

ASIO-4055 – 16 Channel Digital I/O Module w/ Modbus

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Features	
8 Channel Digital Input	
8 channel Digital Output	
Serial RS-485 interface to SoftPLC, via Modbus or ADAM-4000 TLM	

Specifications

Digital Input			General	
Channels	8		Connectors	(2) plug-in terminal blocks (#14 ~ 28 AWG)
Input Level	Dry Contact	Logic level 0: close to GND Logic level 1: open	Power Consumption	1 W @ 24 VDC
	Wet Contact	Logic level 0: +3 V max. Logic level 1: +10 ~ 50 V	Watchdog Timer	System (1.6 second) & Communication
	Digital Input levels 0 and 1 can be inverted.		Supported Protocols	ASCII command and Modbus/RTU
Overvoltage Protection	70 VDC		Isolation Voltage	2,500 VDC
			LED Indicators	Yes
			Power Input	Unregulated 10 ~ 30 VDC
			Module Dimensions	110 x 60 x 27 mm (HxWxD)
			Construction Material	Impact Resistant ABS plastic
			Certifications & Compliances	CE, FCC rated, ROHS Compliant

Digital Output	
Channels	8, open collector to 40 V (200 mA max. load)
Power Dissipation	Channel: 1 W max. Total: 2.2 W (8 Channels)

Environment	
Humidity	5 ~ 95% RH
Temperature	Operating: -10 ~ 70°C (-14 ~ 158°F)
	Storage: -25 ~ 85°C (-13 ~ 185°F)

