

ASIO-4168 – Robust 8 Channel Relay Output w/ Modbus

02/17/14



Features
8 channels digital inputs, (4) Form A
Relay output 100Hz
-40 ~ 85°C Extended Operating Temperature
Serial RS-485 interface to SoftPLC, via Modbus or ADAM-4000 TLM

Specifications			
Relay Output		General	
Output Channels	8 Form A	Power Consumption	1.8 W @ 24 VDC
Contact Rating (Resistive)	0.5 A @ 120 VAC 0.25 A @ 240 VAC 1 A @ 30 VDC 0.3 @ 110 VDC	Power Input	Unregulated 10 ~ 48 VDC
Breakdown Voltage	750 VAC (50/60 Hz)	Watchdog Timer	System (1.6 second) & Communication
Initial Insulation Resistance	1 G Ω min. @ 500 VDC	Connector	2 x plug-in terminal blocks (#14 ~ 22 AWG)
Relay Response Time (Typical)	On: 3ms Off: 1ms	Isolation Voltage	3,000 VDC
Total Switching Time	10 ms	Supported Protocols	ASCII Command and Modbus/RTU
Relay Output	100Hz	Environment	
Maximum Operating Speed	50 operations/min (at related load)	Humidity	5 ~ 95% RH
		Temperature	Operating: -40 ~ 85°C (-40 ~ 185°F)
			Storage: -40 ~ 85°C (-40 ~ 185°F)

