

# ASIO-4051 – 16 Channel Isolated Digital Input w/ Modbus

02/17/14



Features	
16 Channel Digital Input voltage current	
LED indicators for input state	
(16) Digital Input	
Serial interface to SoftPLC, via Modbus or ADAM-4000 TLM	

Specifications					
Digital Input			General		
<b>Channels</b>	16		<b>Connectors</b>	(2) plug-in terminal blocks (#14~28 AWG)	
<b>Input Voltage</b>	50 V max		<b>Power Consumption</b>	1 W @ 24 VDC	
<b>Input Level</b>	<b>Dry Contact</b>	Logic level 0: open Logic level 1: close to GND		<b>Watchdog Timer</b>	System (1.6 second) & Communication
	<b>Wet Contact</b>	Logic level 0: +3 V max Logic level1: +10 ~ 50 V			
	Digital Input levels 0 and 1 can be inverted.			<b>Supported Protocols</b>	ASCII command and Modbus/RTU
<b>Isolation Voltage</b>	2,500 VDC		<b>LED Indicators</b>	Yes	
<b>Input Resistance</b>	5.2 kΩ		<b>Power Input</b>	Unregulated 10 ~ 30 VDC	
<b>Overvoltage Protection</b>	70 VDC		<b>Module Dimensions</b>	110 x 60 x 27 mm (HxWxD)	
			<b>Construction Material</b>	Impact Resistant ABS plastic	
			<b>Certifications &amp; Compliances</b>	UL, UL(C), CE, FCC rated, ROHS Compliant	

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

