



Features	
7 channels digital input	
8 channel digital output, open collector	
-40 ~ 85°C Extended Operating Temperature	
Serial RS-485 interface to SoftPLC, via Modbus or ADAM-4000 TLM	

Specifications

Digital Input			General	
Channels	7		Certifications	UL, ULc, CE, FCC class A
Input Level	Dry Contact	Logic Level 0: close to GND Logic level 1: Open	Connectors	(2) Plug-in terminal blocks (#14 ~ 22 AWG)
	Wet contact	Logic Level 0: +3 V max Logic level 1: +10 V ~ +30 V	Dimensions	70 x 112 x 25 mm (WxHxD)
	The Digital Input Level 0 and 1 status can be inverted.		Enclosure	ABS + PC
Counter Input	3 kHz (32-bit + 1-bit overflow)		LED Indicators	I/O status
Frequency Input	3 kHz		Mounting	DIN 35 rail, stack, wall
Over Voltage Protection	40VDC		Power Consumption	0.7 W @ 24VDC
			Power Input	Unregulated 10 ~ 48 VDC
			Isolation Voltage	3000 VDC
			Relative Humidity	5 ~ 95%
			Temperature	Operating: -40~85°C (-40 ~ 185°F)
				Storage: -40~85°C (-40 ~ 185°F)
			Supported Protocols	ASCII Command & Modbus RTU
			Watchdog Timer	System (1.6 second) and Communication
			Module Dimensions	110 x 60 x 27 mm (HxWxD)
			Construction Material	Impact Resistant ABS plastic
			Certifications & Compliances	UL, UL(C), CE, FCC rated, ROHS Compliant

Digital Output	
Channels	8, open collector to 40 V (1 A max. load)
Power Dissipation	1 W load max.
RON Maximum	150 mΩ
Pulse Output	1 kHz
Delay Output	High-to-Low Low-to-High