



Features

4 channel relay output, (4) Form C

4 channel digital input

Ethernet ModbusTCP interface to SoftPLC

Specifications

Relay Output		General	
Channels	4 Form C	Ethernet	2-port 10/100 Base-TX (for Daisy Chain)
Contact Rating	250 VAC @ 5A 30 VDC @ 5A	LED Indication	4 RL + 4 DI
Max. Switching Voltage	400 VAC 300 VDC	Protocol	Modbus/TCP, TCP/IP, UDP, HTTP, DHCP
Breakdown Voltage	500 VAC (50/60Hz)	Connector	Plug-in 5P/15P screw terminal blocks
Max. Breakdown Capacity	1250 VA	Power Input	10 ~30 VDC (24 VDC standard)
Frequency of Operation	360 operations/hour with load 72,000 operations/hour without load	Watchdog Timer	System (1.6 seconds) Communication (Programmable)
Set/Reset Time	8 ms/8 ms	Dimensions	110 x 60 x 27 mm
Mechanical Endurance	>15 x 10 ⁶ operations	Protection	Built-in TVS/ESD protection Power Reversal Protection Over Voltage protection: +/-35VDC Isolation Protection: 2500 VDC
Isolation between Contact	1000 Vrms	Power Consumption	4.2 W @ 24 VDC
Insulation Resistance	>10 GΩ @ 500 VDC	Module Dimensions	110 x 60 x 27 mm (HxWxD)
		Construction Material	Impact Resistant ABS plastic
		Certifications & Compliances	CE, FCC rated, ROHS Compliant

Digital Input	
Channels	4
Dry Contact	Logic 0: Open Logic 1: Closed to DI COMGND
Wet Contact	Logic 0: 0 ~ 3 VDC or 0 ~ -3 VDC Logic 1: 10 ~ 30 VDC or -10 ~ -30 VDC
Input Impedance	5.2 kΩ (Wet Contact)
Transition Time	0.2 ms
Frequency Input Range	0.1 ~ 3kHz
Counter Input	3kHz (32 bit + 1 bit overflow)
Keep/Discard Counter Value when power off	
Supports Inverted DI Status	

Environment	
Temperature	Operating: -10 ~ 70°C (-14 ~ 158°F)
	Storage: -20 ~ 80°C (-4 ~ 176°F)
Relative Humidity (non-condensing)	Operating: 20 ~ 95% RH
	Storage: 0 ~ 95% RH

