



**Features**

- 6 Channel Digital Input
- 6 Channel Relay Output (Form A)
- Modbus/TCP & UDP protocols

**Specifications**

Digital Inputs	
<b>Channels</b>	6
<b>Dry Contact</b>	Logic level 0: close to GND Logic level 1: open
<b>Wet Contact</b>	Logic level 0: 0 ~ 3 VDC Logic level 1: 10~30 VDC
<b>Supports 3 kHz Counter Input (32 bit + 1 bit overflow)</b>	
<b>Keep/Discard Counter Value when Power-off</b>	
<b>Supports 3 kHz Frequency Input</b>	
<b>Supports Inverted DI Status</b>	

Relay Output (Form A)	
<b>Channel</b>	6
<b>Contact Rating</b>	AC 250 V @ 5 A DC 30 V @ 5 A
<b>Breakdown Voltage</b>	500 VAC (50/60 Hz)
<b>Relay time</b>	<b>On:</b> 7 ms
	<b>Off:</b> 3 ms
<b>Total Switching time</b>	10 ms
<b>Insulation Resistance</b>	1 GΩ minimum at 500 VDC Protection
<b>Maximum Switching Rate (at rated load)</b>	20 operations/minute
<b>Supports Pulse Output</b>	

Protection	
<b>Power Reversal Protection</b>	
<b>Isolation Protection</b>	2,000 VRMS

General	
<b>Certifications</b>	UL, UL(C), CE, FCC rated, ROHS compliant
<b>Connectors</b>	(1) RJ-45 (LAN) Plug-in screw terminal block (I/O & power)
<b>Dimensions</b>	60 x 110 x 27 mm (WxHxD)
<b>Enclosure</b>	ABS+PC
<b>LAN</b>	10/100 Base-T
<b>LED Indicators</b>	Power and communication
<b>Mounting</b>	DIN 35 rail, stack, wall
<b>Power Consumption</b>	2.5 W @ 24 VDC
<b>Watchdog Timer</b>	System (1.6 second) and Communication (programmable)
<b>Supports Peer-to-Peer</b>	
<b>Supports GCL</b>	
<b>Supports Modbus/TCP, TCP/IP, UDP and HTTP Protocols</b>	
<b>Power Input</b>	Unregulated 10~30 VDC
<b>Relative Humidity (non condensing)</b>	<b>Operating:</b> 20 ~ 95%
	<b>Storage:</b> 0 ~ 95%
<b>Temperature</b>	<b>Operating :</b> -10 ~ 70°C
	<b>Storage:</b> -20 ~ 80°C
<b>Construction Material</b>	Impact resistant ABS plastic

