

SI-W309

8 Channels Digital Input and 8 Channels Digital Output I/O Module



Features



- 8 Channels Digital input
- 8 Channels Digital output
- All Digital input Channels can be used as 32 bit counters
- Support over voltage protection
- Support standard Industrial communication protocol
- Support wide operating temperature -25°C~75°C
- Support wide-ranged voltage DC In (9~50V)

Specifications

System

Communication Interface	RS-485
Baud Rate	9600 bps~115,200 bps (Max)
Communication Protocol	Modbus / RTU
Intra-module Isolation	3000V
Installation	DIN-Rail or Wall Mount
LED Indicator	Power LED, Green R/W LED, Orange Error LED, Red Modbus LED, Green
I ² C Interface	Temperatur / Humidity sensor module
Power Supply	9~50VDC In from terminal block
System Weight	200 g
Dimensions (W x H x D)	115 x 90 x 39 mm
Certification	FCC / CE

Environment

Operating Temperature (Ambient with airflow)	-25°C~75°C (-13°F~167°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Humidity	20%~90%

Applications

- Building Automation
- Factory Automation
- Machine Automation
- Remote Maintenance
- Remote Diagnosis
- Testing Equipment

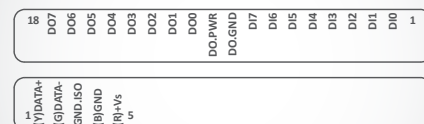
I/O (Digital Input / Counter)

Channels	8
Type	Wet Contact, Source
On Voltage Level	Wet Contact, +3.5~+50VDC
Off Voltage Level	Wet Contact, +1VDC Max.
Input Impedance	10KΩ, 0.5W
Counter	Channels: 8 Max. Count: 32 bits (0~4,294,967,285) Max. Input Frequency: 50Hz Min. Pulse Width: 10ms
Overvoltage Protection	70VDC

I/O (Digital Output)

Channels	8
Type	Sink
Max. Load Current	700mA/channel
Load Voltage	3.5~50VDC
Overvoltage Protection	60VDC
Overload Protection	Yes
Short-circuit Protection	Yes
Power-On Value	Yes, Programmable

Pin Assignments



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