

The DAQ Series' Five Input Module is a distributed data acquisition module with five optically-isolated digital inputs.

The Five-Input module is a robust, full-featured, Ethernet based data acquisition device with five optically-isolated discrete inputs.

The state of the inputs can be monitored over the network using a web-browser, Modbus/TCP, or XML formatted text.

Each input can be used as an event counter capable of generating email messages when user-defined alarm conditions are met.

In addition, the Five-Input Module can communicate peer-to-peer and trigger ControlByWeb relays located throughout the network.

The Five-Input module is fully configured in minutes using a web browser.

No additional software is needed.



Features:

- No programming required
- Built-in web server
- Configurable input status web page
- Modbus/TCP support
- XML formatted status
- Email alarms
- Built-in counters
- Password protected
- Optically isolated inputs
- Selectable TCP ports
- Loss of power flag
- 14-pin removable terminal connector included
- Rugged DIN rail or wall-mount Lexan enclosure
- Two input voltage options:
 - 3-12 VDC
 - 11-28 VDC
- Three power supply options available:
 - 5 VDC
 - 9-28 VDC
 - Power-over-ethernet (802.3af)

Distribué par

Power Requirements:

Voltage:

5V±5% (-5 model or -E model)

9-28VDC (-I models)

Current: 350mA Max

Power Over Ethernet Option: POE Class 1
(0.44 to 3.84 Watt)

I/O: 5 Optically Isolated Inputs

Optically Isolated Input:

Voltage Range: 3-12VDC

Voltage Range: (24-I model): (11-28VDC)

Current: 4.7-25mA

Minimum Hold Time: 62.5mS

Input Isolation: 1500V

Input Functions: Monitor State, Increment Counter, Trigger Email Alerts, Control Remote Relays

Counters:

Number of Counters: 5

Maximum Count: 65535

Counter Rollover: can be set to rollover or stop

Maximum Count Rate: 8Hz

Network: 10/100 Base-T Ethernet Port

Connectors:

Power/Inputs: 14-Position Removable

Network: 8-pin RJ-45

LED Indicators: 8

-Module Powered

-Voltage Applied to Inputs 1-5

-Network linked

-Network activity

Physical:

Operating Temperature: -4° to 158°F
(-20° to 70°C)

Size:

1.41in (35.7mm) wide

3.88in (98.5mm) tall

3.1in (78mm) deep (not including connector)

Weight: 5oz (142 grams)

Enclosure Material: Lexan 940

Flame Rating: UL94 V0

Monitor/Control:

Web Browser, XML, or Modbus/TCP

Password Settings:

Password protection on setup page: Yes

Password protection on control page: Optional

Password Encoding: Base 64

Max password length: 10 characters