

ADAM-6317

ADAM-6350

ADAM-6366

IoT OPC UA Ethernet I/O - AI Module

IoT OPC UA Ethernet I/O - DI/O Module

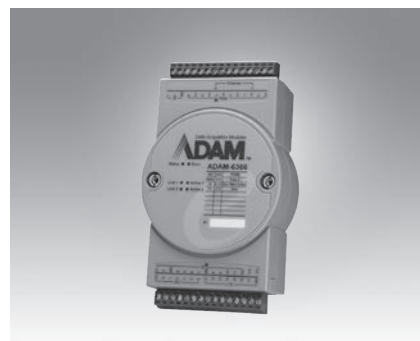
IoT OPC UA Ethernet I/O - SSR Relay Output Module



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Specifications

Analog Input

- Channels 8 (differential)
- Sampling Rate 10 or 100 samples/ second (total)
- Resolution 16 bits
- Input Range 0 ~ 150mV, 0 ~ 500mV, 0 ~ 1V, 0 ~ 5V, 0 ~ 10V, ±150 mV, ±500 mV, ±1V, ±5 V, ±10 V, ±20 mA, 0 ~ 20 mA, 4 ~ 20mA

Digital Input

- Channels 11
- Dry contact logic 0: Open
logic 1: Closed to ground
- Wet contact logic 0: 0 ~ 3 V_{DC} or floating
logic 1: 10 ~ 30 V_{DC}
Support DO type: Sink (NPN) and Source (PNP)
- DI5~DI10 support 3 kHz counter input
- DI5~DI10 support 3 kHz frequency input

Digital Output

- Channels 10
- Output type Sink type, 30 V_{DC}, 0.1A max. per channel
- DO4~DO9 support 3 kHz pulse output

Specifications

Digital Input

- Channels 18
- Dry contact logic 0: Open
logic 1: Closed to ground
- Wet contact logic 0: 0 ~ 3 V_{DC} or floating
logic 1: 10 ~ 30 V_{DC}
Support DO type: Sink (NPN) and Source (PNP)
- DI12~DI17 support 3 kHz counter input
- DI12~DI17 support 3 kHz frequency input

Digital Output

- Channels 18
- Output type Sink type, 30 V_{DC}, 0.1A max. per channel
- DO12~DO17 support 3 kHz pulse output

Specifications

Relay Output

- Channels 6 (Form A)
- Contact rating 0.25A@250V_{AC}
2A@30V_{DC}
- Relay-on time 3 ms
- Relay-off time 5 ms
- Electrical endurance at contact application Resistive, 0.25A@250V_{AC}: 1x10⁶ operations/min.
Resistive, 2A@30V_{DC}: 1x10⁶ operations/min.
- Insulation Resistance 1 GΩ

Digital Input

- Channels 18
- Dry contact logic 0: Open
logic 1: Closed to ground
- Wet contact logic 0: 0 ~ 3 V_{DC} or floating
logic 1: 10 ~ 30 V_{DC}
Support DO type: Sink (NPN) and Source (PNP)
- DI12~DI17 support 3 kHz counter input
- DI12~DI17 support 3 kHz frequency input

Digital Output

- Channels 6
- Output type Sink type, 30 V_{DC}, 0.1A max. per channel
- DO0~DO5 support 3 kHz pulse output

Common Specifications

General

- Power input 10 ~ 30 V_{DC}
- Power Consumption 2.9 W @ 24 V_{DC} (ADAM-6317)
2.8 W @ 24 V_{DC} (ADAM-6350)
4.5 W @ 24 V_{DC} (ADAM-6366)
- LAN 2-port 10/100 Base-T(X) (for Daisy Chain)
- Connectors 2 x RJ-45 (LAN), Plug-in screw terminal block (I/O and power)
- Watchdog System and Communication
- Protocol OPC UA, Modbus

Protection

- Isolation 2,500 V_{DC}
- Power Reversal Protection

OPC UA

- Max Monitored Items 600 (including all sessions)
- Max Sessions 4 (including security or non-security session)
- Max Subscriptions per Session 1
- Support security/certificate management

Modbus/TCP

- Modbus/TCP connection 4

Environment

- Operating Temperature -25° C ~ 70° C
- Storage Temperature -25° C ~ 85° C
- Operating Humidity 20 ~ 95% RH (non-condensing)
- Storage Humidity 0 ~ 95% RH (non-condensing)

Ordering Information

- ADAM-6317-A1 OPC UA and Security Remote I/O - AI Module
- ADAM-6350-A1 OPC UA and Security Remote I/O - DI/O Module
- ADAM-6366-A1 OPC UA and Security Remote I/O - SSR Relay Output Module

Last updated: 5-Jul-2023