# ADAM-6217 ADAM-6224

8-ch Isolated Analog Input Modbus TCP Module

4-ch Isolated Analog Output Modbus TCP Module

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2.1 Ω

20 µs

V. mA

12-bit

Voltage: 2kΩ

Current: 500  $\Omega$ 

0.125 ~ 128 mA/sec

4 (Dry Contact only)

Logic 0: Open Logic 1: Closed to DGND

± 0.3% of FSR (Voltage) at 25°C

± 0.5% of FSR (Current) at 25°C

0.0625 ~ 64 V/sec

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#### ADAM-6217

## **Specifications**

## **Analog Input**

- Channels 8 (differential) Input Impedance > 10 MW (voltage) 120 W (current) mV. V. mA Input Type ±150 mV, ±500 mV, ±1 V, ±5 V, ±10 V, 0 ~ 20 mA, Input Range 4 ~ 20 mA, ±20 mA Span Drift ± 30 ppm/°C Zero Drift ±6µV/°C Resolution 16-bit Accuracy ± 0.1% of FSR (Voltage) at 25°C ± 0.2% of FSR (Current) at 25°C

92 dB

67 dB

200 Vpc

10 sample/second (total)

- Sampling Rate
- CMR @ 50/60 Hz
- NMR @ 50/60 Hz
- Common Mode

## **Ordering Information**

ADAM-6217

8-ch Isolated Analog Input Modbus TCP Module

2-port 10/100 Base-TX (for Daisy Chain)

SNMP (B version), MQTT (B version) Plug-in 5P/15P screw terminal blocks

10 - 30 Vpc (24 Vpc standard)

Built-in TVS/ESD protection

Power Reversal protection

Communication (Programmable)

System (1.6 seconds)

70 x 122 x 27 mm

Modbus TCP, TCP/IP, UDP, HTTP, DHCP, RESTful,

## **Common Specifications**

#### General

- Ethernet
- Protocol
- Connector
- **Power Input**
- Watchdog Timer
- Dimensions
- Protection
- Power Consumption
- Isolation protection: 2500 V<sub>DC</sub> ADAM-6217: 3.5W @ 24 VDC ADAM-6224: 6W @ 24 VDC

#### ADAM-6224



0 ~ 5 V, 0 ~ 10 V,  $\pm$  5 V,  $\pm$  10 V, 0 ~ 20 mA, 4 ~ 20 mA

# **Specifications**

### **Analog Output**

- Channels •
  - **Output Impedance Output Settling Time**
- Driving Load
- Programmable
- Output Slope
- Output Type
- **Output Range**
- Accuracy
- Resolution
- **Current Load Resistor** 0~500Ω
- Drift ± 50 ppm/°C
- **Digital Input**
- Channels
- **Dry Contact**
- Support DI Filter
- **Support Inverted DI Status**
- Support Trigger to Startup or Safety Value

## **Ordering Information**

4-ch Isolated Analog Output Modbus TCP Module

#### **Features**

ADAM-6224

- Daisy chain connection with auto-bypass protection
- Remote monitoring and control with smart phone/pad
- Group configuration capability for multiple module setup
- Flexible user-defined Modbus address
- Intelligent control ability by Peer-to-Peer and GCL function Multiple protocol support: Modbus TCP, TCP/IP, UDP, HTTP, DHCP, RESTful SNMP (B version), MQTT (B version) Web language support: XML, HTML 5, Java Script
- System configuration backup
- User Access Control

#### **Environment**

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- **Operating Temperature** 

  - Storage Temperature
  - **Operating Humidity**
  - Storage Humidity
- -10~70°C (14~158°F) -40 ~ 70°C (-40~158°F) (B version) -20 ~ 80°C (-4 ~ 176°F) -40 ~ 85°C (-4~176°F) (B version) 20~95% RH (non-condensing) 0~95% RH (non-condensing)

All product specifications are subject to change without notice.

