ADAM-6260
ADAM-6266

6-ch Relay Output Modbus TCP Module

4-ch Relay Output Modbus TCP Module with 4-ch DI

ADAM-6260

FCC C€ ☒ ⑩

ADAM-6266

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Specifications

Relay Output

- **Channels**
  ADAM-6260: 5 Form C and 1 Form A
  ADAM-6266: 4 Form C
- **Contact Rating (Resistive)**
  250 V_{AC} @ 5A
  30 V_{DC} @ 5A
- **Max. Switching Voltage**
  400 V_{AC}
  300 V_{DC}
- **Breakdown Voltage** 500 V_{AC} (50/60Hz)
- **Max. Breakdown Capacity** 1250 VA
- **Frequency of Operation**
  360 operations/hour with load
  72,000 operations/hour without load
- **Set/Reset Time** 8 ms/8 ms
- **Mechanical Endurance** > 15 x 10^6 operations
- **Isolation between Contact** 1000 V_{rms}
- **Insulation Resistance** > 10 GΩ @ 500 V_{DC}

Digital Input

- **Channels** ADAM-6266: 4
- **Dry Contact**
  Logic 0: Open
  Logic 1: Closed to DI COM
- **Wet Contact**
  Logic 0: 0 ~ 3 V_{DC} or 0 ~ -3 V_{DC}
  Logic 1: 10 ~ 30 V_{DC} or -10 ~ -30 V_{DC}
  (Dry/Wet Contact decided by Switch)
- **Input Impedance** 5.2 kΩ (Wet Contact)
- **Transition Time** 0.2 ms
- **Frequency Input Range** 0.1 ~ 3kHz
- **Counter Input** 3kHz (32 bit + 1 bit overflow)
- **Keep/Discard Counter Value when power off**
- **Supports Inverted DI Status**

Ordering Information

- **ADAM-6260** 6-ch Relay Output Modbus TCP Module
- **ADAM-6266** 4-ch Relay Output Modbus TCP Module with 4-ch DI

Common Specifications

General

- **Ethernet** 2-port 10/100 Base-TX (for Daisy Chain)
- **LED Indication**
  ADAM-6260: 6 RL
  ADAM-6266: 4 RL + 4 DI
- **Protocol** Modbus/TCP, TCP/IP, UDP, HTTP, DHCP, SNMP, MQTT
- **Connector** Plug-in 5P/15P screw terminal blocks
- **Power Input** 10 - 30 V_{DC} (24 V_{DC} standard)
- **Watchdog Timer**
  System (1.6 seconds)
  Communication (Programmable)
- **Dimensions** 70 x 122 x 27 mm
- **Protection**
  Built-in TVS/ESD protection
  Power Reversal protection
  Over Voltage protection: +/- 35V_{DC}
  Isolation protection: 2500 V_{DC}
- **Power Consumption**
  ADAM-6260: 4.5 W @ 24 V_{DC}
  ADAM-6266: 4.2 W @ 24 V_{DC}

Features

- Daisy chain connection with auto-bypass protection
- Remote monitoring and control with smart phone/pad
- Group configuration capability for multiple module setup
- DI/O LED Indication
- 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, SNMP, MQTT
- Web language support: XML, HTML 5, Java Script
- System configuration backup
- User Access Control

Environment

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

ADVANTECH Ethernet I/O Modules: ADAM-6000

All product specifications are subject to change without notice.