Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
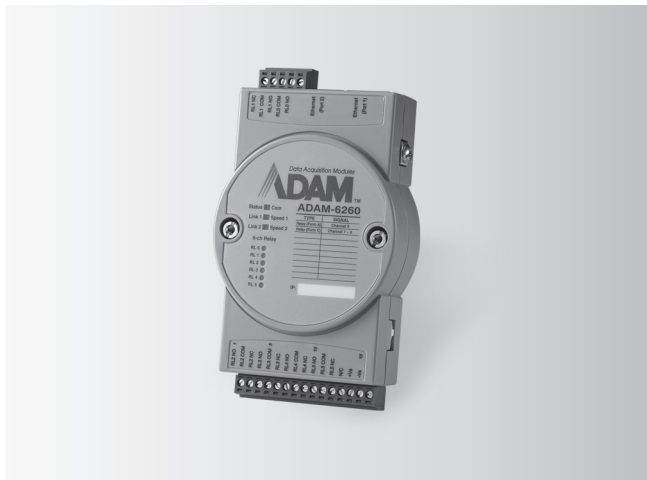
# Contact us

# 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 CE ☒ ⑩



ADAM-6266

FCC CE ☒ ⑩

## 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: +/- 35$V_{DC}$
  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)
- **Storage Temperature**   -20 ~ 80°C (-4 ~ 176°F)
- **Operating Humidity**   20 ~ 95% RH (non-condensing)
- **Storage Humidity**   0 ~ 95% RH (non-condensing)