ADAM-6060
ADAM-6066

6-ch Digital Input and 6-ch Relay Modbus TCP Module

6-ch Digital Input and 6-ch Power Relay Modbus TCP Module



FCC CE RoHS COMPLIANT 2002/95/EC c UL us LISTED E180881 I.T.E.

Specifications

General

- **LAN** 1-port 10/100Base-T(X)
- **Power Consumption** 2 W @ 24 VDC (ADAM-6060)
  2.5 W @ 24 VDC (ADAM-6066)
- **Connectors** 1 x RJ-45 (LAN), Plug-in screw terminal block (I/O and power)
- **Watchdog Timer** System (1.6 second) and Communication (programmable)
- **Power Input** 10 ~ 30 VDC
- **Supports Peer-to-Peer**
- **Supports GCL**
- **Supports Modbus/TCP, TCP/IP, UDP, DHCP,SNMP, RESTful and MQTT Protocol**

Digital Input

- **Channels** 6
- **Dry Contact** Logic level 0: Closed to GND
  Logic level 1: Open
- **Wet Contact** Logic level 0: 3 VDC
  Logic level 1: 10 ~ 30 VDC or floating
  Support DO type: Sink (NPN) only
- **Supports 3 kHz Counter Input (32-bit + 1-bit overflow)**
- **Keep/Discard Counter Value when Power-off**
- **Supports 3 kHz Frequency Input**
- **Supports Inverted DI Status**

Relay Output (Form A)

- **Channels** 6
- **Contact Rating (Resistive)** ADAM-6060: 120 VAC @ 0.5 A
  30 VDC @ 1 A
  ADAM-6066: 250 VAC @ 5 A
  30 VDC @ 3 A
- **Breakdown Voltage** 500 VAC (50/60 Hz)
- **Relay On Time** 7 ms
- **Relay Off Time** 3 ms
- **Total Switching Time** 10 ms
- **Insulation Resistance** 1 GΩ min. at 500 VDC
- **Maximum Switching Rate (at rated load)** 20 operations/minute
- **Supports Pulse Output**

Protection

- **Isolation Voltage** 2,000 VDC
- **Power Reversal Protection**

Environment

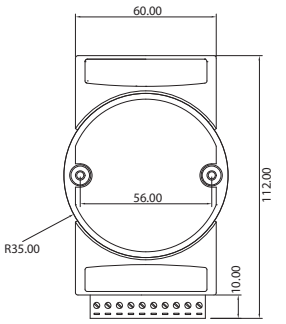
- **Operating Temperature** -40 ~ 70°C (-40~158°F)
- **Storage Temperature** -40 ~ 80°C (-40~176°F)
- **Operating Humidity** 20 ~ 95% RH (non-condensing)
- **Storage Humidity** 0 ~ 95% RH (non-condensing)

Ordering Information

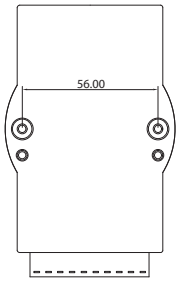
- **ADAM-6060** 6-ch DI and 6-ch Relay Modbus TCP Module
- **ADAM-6066** 6-ch DI and 6-ch Power Relay Modbus TCP Module

ADAM-6000/6200 Series Dimensions

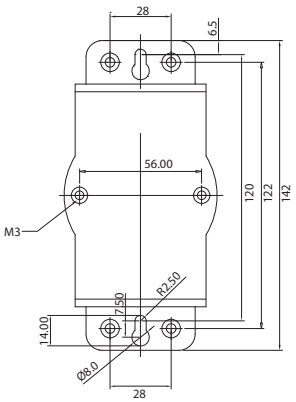
Unit: mm



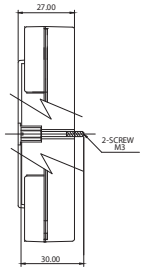
Front View



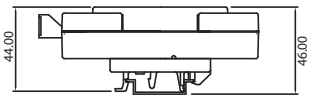
Rear View



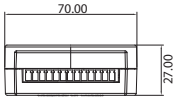
Wall Mounting View



Side View



DIN-Rail Mounting View



Top View

ADAM-6000 Series Common Specifications

General

- **Dimensions (W x H x D)** 70 x 120 x 30 mm
- **Enclosure** ABS+PC
- **Mounting** DIN 35 rail, stack, wall

ADAM-6000 Accessories

- **1652005959-01** 13P 3.81mm 90D(F) terminal plug-in block
- **1652005963-01** 9P 3.81mm 90D(F) terminal plug-in block
- **1997000000** Din-rail mounting kit
- **1999001090** Panel mounting kit

*Already in box, contact our sales for ordering if needed