

# ADAM-6060

## 6-ch Digital Input, 6-ch Relay Output Module



### General

- **Certification:** CE, FCC, UL
- **LAN:** 10/100Base-T(X)
- **Connectors:**
  - 1 x RJ-45 (LAN)
  - 2 x plug-in terminal blocks (#14 ~ 28 AWG)
- **Power Input:** 10 ~ 30 VDC
- **Power Consumption:** 2 W @ 24 VDC
- **Watchdog Timer:** System (1.6 s) & Communication
- **Supports Peer-to-Peer**
- **Supports GCL**
- **Supports Modbus/TCP, TCP/IP, UDP, RESTful Protocols**

### Protection

- **Isolation Protection:** 2000 VDC
- **Power Reversal Protection**

### Environment

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

### Digital Input

- **Channels:** 6
- **Logic level 0:**
  - Dry Contact:** Close to GND
  - Wet Contact:** 0 ~ 3VDC
- **Logic level 1:**
  - Dry Contact:** Open
  - Wet Contact:** 10 ~ 30VDC
- **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

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