

ADAM-6266

4-ch Digital Input, 4-ch Relay Output Module



General

- **Certification:** CE, FCC, UL
- **LAN:** 10/100Base-T(X)
- **Connectors:**
 - 2 x RJ-45 (LAN)
 - 2 x plug-in terminal blocks (#14 ~ 28 AWG)
- **Power Input:** 10 ~ 30 VDC
- **Power Consumption:** 4.2 W @ 24 VDC
- **Watchdog Timer:** System (1.6 s) & Communication
- **Supports Peer-to-Peer**
- **Supports GCL**
- **Supports Modbus/TCP, TCP/IP, UDP, RESTful Protocols**
- **LED Indicators:** 4 Relay Output, 4 Digital Input

Protection

- **Built-in TVS/ESD protection**
- **Isolation Protection:** 2500 VDC
- **Over Voltage protection:** +/- 35VDC
- **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:** 4
- **Logic level 0:**
 - Dry Contact:** Open
 - Wet Contact:** 0 ~ 3VDC, 0 ~ -3VDC
- **Logic level 1:**
 - Dry Contact:** Close to DI COM
 - Wet Contact:** 10 ~ 30VDC, -10 ~ -30 VDC
- **Input Impedance:** 5.2 kΩ (Wet Contact)
- **Transition Time:** 0.2ms
- **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**

Relay Output

- **Channels:** 4
- **Type:** 4 x Form C
- **Contact Rating:**
 - 250 VAC @ 5 A
 - 30 VDC @ 5 A
- **Max Switching Voltage:** 400VAC, 300VDC
- **Breakdown Voltage:** 500VAC (50/60 Hz)
- **Max Breakdown Capacity:** 1250VA
- **Frequency of Operation:**
 - 360 operations/hour with load
 - 72,000 operations/hour without load
- **Set/Reset Time:** 8ms/8ms
- **Mechanical Endurance:** > 15 x 10⁶ operations
- **Isolation between Contact:** 1000Vrms
- **Insulation Resistance:** > 10 GΩ @ 500 VDC