ADAM-6251

16-ch Digital Input Module

Digital Input

- **Channels:** 16
- **Logic level 0:**
    - **Dry Contact:** Open
    - **Wet Contact:** 0 ~ 3VDC, 0 ~ -3VDC
- **Logic level 1:**
    - **Dry Contact:** Close to GND
    - **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**

General

- **Certification:** CE, FCC, UL
- **LAN:** 2-port 10/100Base-T(X) *(for Daisy Chain)*
- **Connectors:**
    - 2 x RJ-45 (LAN)
    - 2 x plug-in terminal blocks (#14 ~ 28 AWG)
- **Power Input:** 10 ~ 30 VDC
- **Power Consumption:** 2.7 W @ 24 VDC
- **Watchdog Timer:** System (1.6 s) & Communication
- **LED Indicators:** 16 x Digital Input
- **Supports Peer-to-Peer**
- **Supports GCL**
- **Supports Modbus/TCP, TCP/IP, UDP, RESTful Protocols**
- **Supports User Defined Modbus Address**

Protection

- **Isolation Protection:** 2000 VDC
- **Over Voltage protection:** +/- 35VDC
- **Built-in TVS/ESD protection**
- **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)