

ADAM-4055

16-ch Isolated Digital Input/Output Module



General

- **Certification:** CE, FCC
- **Connectors:** 2 x plug-in terminal blocks (#14 ~ 28 AWG)
- **Power Input:** Unregulated 10 ~ 30 VDC
- **Power Consumption:**
 - 1 W @ 24 V DC typ.
 - 1.7 W @ 24 V DC max.
- **Watchdog Timer:** System (1.6 s) & Communication
- **Supported Protocols:** ASCII command and Modbus/RTU
- **Isolation Voltage:** 2500VDC
- **LED Indicators:** Yes

Environment

- **Operating Humidity:** 5 ~ 95% RH
- **Operating Temperature:** -10 ~ 70°C (14 ~ 158°F)
- **Storage Temperature:** -25 ~ 85°C (-13 ~ 185°F)

Digital Input

- **Channels:** 8
- **Input Level:**
 - Dry Contact:**
 - Logic level 0: Open
 - Logic level 1: Close to GND
 - Wet Contact:**
 - Logic level 0: 3V max
 - Logic level 1: 10 ~ 50V
- **Overvoltage Protection:** 70VDC

Digital Output

- **Channels:** 8
- **Type:** Open Collector
- **Load Voltage:** up to 40V
- **Max Load Current:** 200mA
- **Power Dissipation:**
 - Channel: 1W max
 - Total: 2.2W (8 Channels)