

ADAM-4050

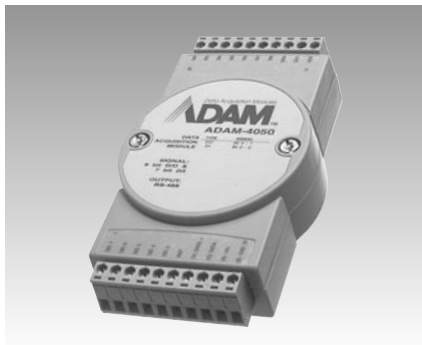
ADAM-4051

ADAM-4052

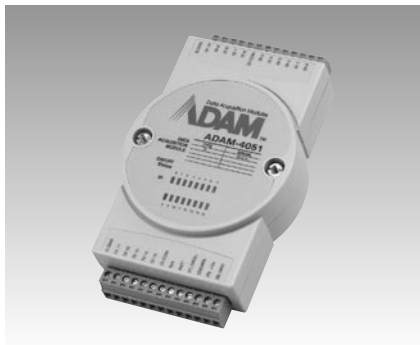
15-channel Digital I/O Module

16-channel Isolated Digital Input Module with LED & Modbus®

8-channel Isolated Digital Input Module



ADAM-4050



ADAM-4051



ADAM-4052



Specifications

General

- **Certifications** CE, FM
- **Connectors** 2 x plug-in terminal blocks (#14 ~ 22 AWG)
- **Power Consumption** 0.4 W @ 24 V_{DC}

Digital Input

- **Channels** 7
Logic level 0: +1 V max.
Logic level 1: 3.5 ~30 V
Pull up current: 0.5 mA,
10 kΩ resistor to +5 V

Digital Output

- **Channels** 8
open collector to 30 V,
30 mA max. load
power dissipation: 300
mW

Specifications

General

- **Certifications** CE, FCC class A
- **Connectors** 2 x plug-in terminal blocks (#14 ~ 28 AWG)
- **LED Indicators** On: Active
Off: Non-active
- **Power Consumption** 1 W @ 24 V_{DC} (Typical)

Digital Input

- **Channels** 16
- **Input Voltage** 50 V max
- **Input Voltage Level** (Configurable)
Dry contact: Logic level 0: close to GND
logic level 1: open
Wet contact: Logic level 0: +3 V max
Logic level 1: +10~ 50 V
- **Optical Isolation** 2,500 V_{DC}
- **Overvoltage Protection** 70 V_{DC}

Specifications

General

- **Connectors** 2 x Plug-in terminal blocks (#14 ~ 22 AWG)
- **Power Consumption** 0.4 W @ 24 V_{DC}

Digital Input

- **Channels** 8
six fully independent
isolated channels.
two isolated channels
with common ground
- **Digital Input Level** Logic level 0: +1 V max.
Logic level 1: +3 ~ 30 V
- **Input Resistance** 3 kΩ @ 0.5 W
- **Isolation Voltage** 5,000 V_{RMS}

Common Specifications

General

- **Dimensions (WxHxD)** 70 x 122 x 30 mm
- **Enclosure** ABS + PC
- **Mounting** DIN 35 rail, stack, wall
- **Power Input** Unregulated 10~30 V_{DC}
- **Watchdog Timer** 1.6 sec. (system)

Environment

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

Ordering Information

- **ADAM-4050** 15-channel Digital I/O Module
- **ADAM-4051** 16-channel Isolated Digital Input Module with LED and Modbus®
- **ADAM-4052** 8-channel Isolated Digital Input Module