

ADAM-4052

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ADAM-4055

Isolated Digital Input Module

16-channel Digital Input Module

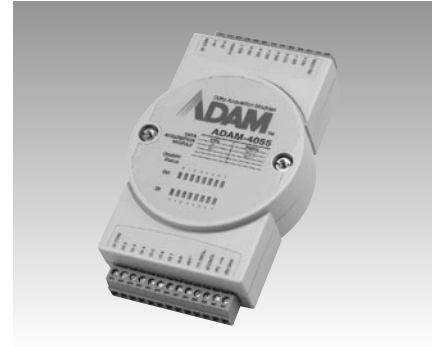
16-channel Isolated Digital I/O Module with LED & Modbus



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Specifications

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
- **Isolation Voltage** 5,000 V_{RMS}
- **Input Resistance** 3 k Ω /0.5 W

Built-in Watchdog Timer

Power

- **Power Requirements** Unregulated +10 ~ +30 V_{DC}
- **Power Consumption** 0.4 W @ 24 V_{DC}

Ordering Information

- **ADAM-4052** Isolated Digital Input Module

Specifications

Digital Input

- **Channels** 16
- **Digital Input Level** **Dry contact**
Logic level 0: close to GND
Logic level 1: open
Wet contact
Logic level 0: +2 V max.
Logic level 1: +4 V ~ +30 V
- **Effective Distance (dry contact only)** 500 m max.

Built-in Watchdog Timer

Power

- **Power Requirements** Unregulated +10 ~ +30 V_{DC}
- **Power Consumption** 1.0 W @ 24 V_{DC}

Ordering Information

- **ADAM-4053** 16-channel Digital Input Module

Specifications

Digital Input/Output

- **Channels** 16
- **I/O Type** 8 DO & 8 DI
- **Digital Output** Open collector to 40 V (200 mA max. load)
- **Digital Input** (Configurable)
Dry Contact:
Logic level 0: open
Logic level 1: close to GND
Wet Contact:
Logic level 0: +3 Vmax
Logic level 1: +10 to 50 V
- **Optical Isolation** 2500 V_{DC}
- **Over Voltage Protection** 70 V_{DC}

Built-in Watchdog Timer

- **Power Consumption** 1 W @ 24 V_{DC} (Typical)
- **LED Indicator** On: Active
Off: Inactive

Ordering Information

- **ADAM-4055** 16-channel Digital I/O Module with LED and Modbus®