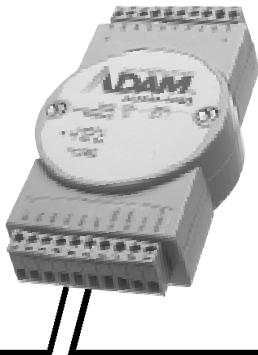


ADAM-4050
ADAM-4052
ADAM-4053

Digital I/O Module
Isolated Digital Input Module
16-Channel Digital Input Module



ADAM-4050 Digital I/O Module

Digital Input

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

Digital Output

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

Built-in Watchdog Timer

Power

- **Power requirements:**
Unregulated +10 ~ +30 V_{DC}
- **Power consumption:** 0.4 W

ADAM-4052 Isolated Digital Input Module

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 V ~ +30 V
- **Isolation voltage:** 5000 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

ADAM-4053 16-Channel Digital Input Module

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