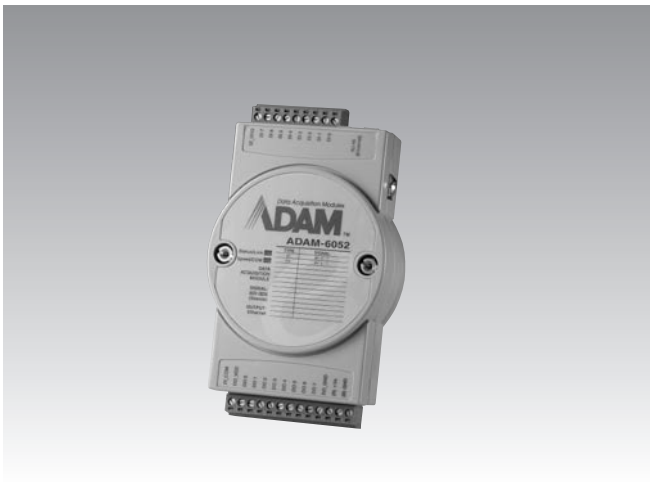
ADAM-6052
ADAM-6060
ADAM-6060W

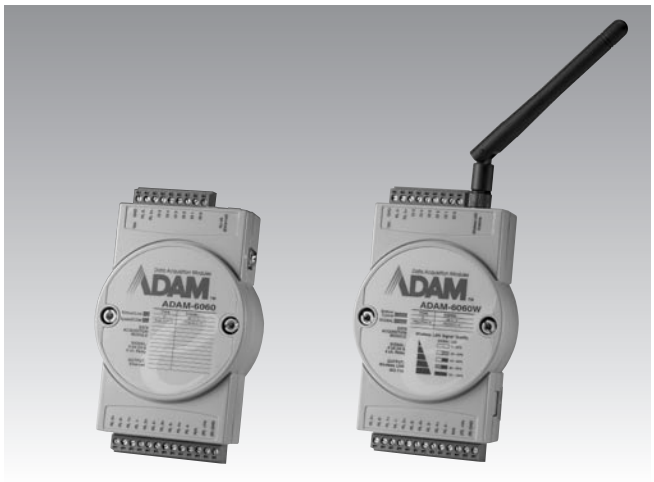
16-ch Source-type Isolated Digital I/O Module

6-ch Digital Input and 6-ch Relay Module

6-ch Wireless Digital Input and 6-ch Relay Module



ADAM-6052



ADAM-6060 ADAM-6060W

Specifications

General

- **LAN** 10/100 Base-T

Digital Input

- **Channels** 8
- **Dry Contact** Logic level 0: close to GND
  Logic level 1: open
- **Wet Contact** Logic level 0 : 0 ~ 3 V_{DC}
  Logic level 1 : 10 ~ 30 V_{DC}

Digital Output

- **Channels** 8
- **Digital Output** 10 ~ 35 V_{DC} (Source Type)
- **Current** 1 A (per channel)
- **Supports 5 kHz Pulse Output**
- **Supports Over Current Protection**

Ordering Information

- **ADAM-6052** 16-ch Source-type Isolated DI/O Module

Specifications

General

- **LAN** ADAM-6060: 10/100 Base-T
  ADAM-6060W: IEEE802.11b WLAN

Digital Input

- **Channels** 6
- **Dry Contact** Logic level 0: close to GND
  Logic level 1: open
- **Wet Contact** Logic level 0 ~ 3 V_{DC}
  Logic level 1: 10 ~ 30 V_{DC}

Relay Output (Form A)

- **Channels** 6
- **Contact Rating (Resistive)** AC: 120 V @ 0.5 A
  DC: 30 V @ 1 A
- **Breakdown Voltage** 500 V_{AC} (50/60 Hz)
- **Relay On Time** 7 ms
- **Relay Off Time** 3 ms
- **Total Switching Time** 10 ms
- **Insulation Resistance** 1 GΩ min. at 500 V_{DC}
- **Maximum Switching Rate (at rated load)** 20 operations/minute
- **Supports Pulse Output**

Ordering Information

- **ADAM-6060** 6-ch DI and 6-ch Relay Module
- **ADAM-6060W** 6-ch Wireless DI and 6-ch Relay Module

Common Specifications

General

- **Power Consumption** 2 W @ 24 V_{DC}
- **Watchdog** System (1.6 second) and Communication (programmable)
- **Power Input** Unregulated 10 ~ 30 V_{DC}
- **Supports Peer-to-Peer**
- **Supports GCL (ADAM-6052 and ADAM-6060)**
- **Supports Modbus/TCP, TCP/IP, UDP and HTTP Protocol**

Digital Input

- **Supports 3 kHz Counter Input (32-bit + 1-bit overflow)**
- **Supports 3 kHz Frequency Input**
- **Supports Inverted DI Status**

Digital Output

- **Supports High-to-Low and Low-to-High Delay Output**

Protection

- **Power Reversal Protection**
- **Isolation Protection** 2000 V_{DC}

Environment

- **Operating Temperature** ADAM-6052 and ADAM-6060: -10 ~ 70° C
  ADAM-6060W: -10 ~ 60° C
- **Storage Temperature** -20 ~ 80° C
- **Humidity** ADAM-6052 and ADAM-6060:
  Operating: 20 ~ 95% RH (non-condensing)
  Storage: 0 ~ 95% RH (non-condensing)
  ADAM-6060W: 5 ~ 95% RH (noncondensing)