

ADAM-5052

ADAM-5055S

ADAM-5056/5056D

8-channel Isolated Digital Input Module with LED

16-channel Isolated Digital I/O Module with LED

16-channel Digital Output Module



ADAM-5052



ADAM-5055S



ADAM-5056
ADAM-5056D



Specifications

General

- **Certifications** CE, FM
- **Connectors** 1 x Plug-in screw terminal (# 14~22 AWG)
- **Power Consumption** 0.21 W (typical)
0.27 W (max.)

Digital Input

- **Channels** 8
- **Input Resistance** 3 k Ω / 0.5 W
- **Logic Level** Logic level 0: 1 V_{max}
Logic level 1: 3.5 ~ 30 V

Protection

- **Isolation Voltage** 5000 V_{RMS}

Ordering Information

- **ADAM-5052** 8-channel Isolated Digital Input Module with LED

Specifications

General

- **Certifications** CE
- **Connectors** 1 x Plug-in screw terminal (# 14~28 AWG)
- **LED Indicators** On: Active
Off: Inactive
- **Power Consumption** 0.68 W (Typical)

Digital I/O

- **Channels** 16
- **Channel I/O Type** 8 DO, 8 DI
- **Logic Level (DI)** Dry contact: Logic level 0: open
Logic level 1: close to GND
Wet contact: Logic level 0: 3 V max.
Logic level 1: 10 ~ 50 V
Open collector to 40 V
200 mA max. load
- **Digital Output**

Protection

- **Isolation Voltage** 2500 V_{DC}
- **Overvoltage Protection** 70 V_{DC} (DI only)

Ordering Information

- **ADAM-5055S** 16-channel Isolated Digital I/O Module with LED

Specifications

General

- **Certifications** CE
FM (ADAM-5056 only)
- **Connectors** 1 x Plug-in screw terminal (# 14~22 AWG)
- **LED Indicators: (ADAM-5056D)** On: output logic level "1"
Off: output logic level "0"
- **Power Consumption** ADAM-5056: 0.25 W (typical); 0.53 W (max.)
ADAM-5056D: 0.5 W (typical); 0.84 W (max.)

Digital Output

- **Channels** 16
- **Digital Output** Open collector to 30 V,
100 mA max. load
- **Operating Voltage** 30 V_{max}
- **Power Dissipation** 450 mW for each channel

Ordering Information

- **ADAM-5056** 16-channel Digital Output Module
- **ADAM-5056D** 16-channel Digital Output Module with LED