

# ADAM-5052

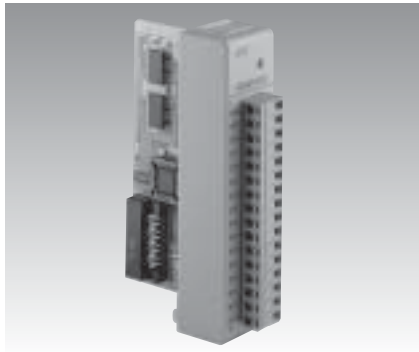
# ADAM-5055S

# 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 $\Omega$  / 0.5 W
- **Logic Level** Logic level 0: 1 V<sub>max</sub>  
Logic level 1: 3.5 ~ 30 V

### Protection

- **Isolation Voltage** 5000 V<sub>RMS</sub>

## 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
- **Digital Output** Open collector to 40 V  
200 mA max. load

### Protection

- **Isolation Voltage** 2500 V<sub>DC</sub>
- **Oversvoltage Protection** 70 V<sub>DC</sub> (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<sub>max</sub>
- **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

- 1 Software
- 2 IPPC
- 3 TPC
- 4 FPM
- 5 ATM & AWS
- 6 DA&C
- 7 cPCI
- 8 ADAM-3000
- 9 Motion Control
- 10 ICOM
- 11 eConnectivity
- 12 UNO
- 13 ADAM-4000
- 14 ADAM-5000
- 15 ADAM-6000
- 16 ADAM-8000
- 17 BAS