

ADAM-5052 ADAM-5055S ADAM-5056 ADAM-5056D

8-channel Isolated Digital Input Module

16-channel Isolated Digital I/O w/ LED Module

16-channel Digital Output Module

16-channel Digital Output w/ LED Module



ADAM-5052



ADAM-5055S



ADAM-5056
ADAM-5056D



Specifications

- **Channels** 8
- **Digital Input Level** Logic level 0: +1 V_{max}
Logic level 1: +3.5 V to +30 V
- **Isolation Voltage** 5000 V_{RMS}
- **Input Resistance** 3 kΩ / 0.5 W
- **Power Consumption** 0.21 W (typical);
0.27 W (max)

Ordering Information

- **ADAM-5052** 8-channel Isolated Digital Input w/LED Module

Specifications

- **Channels** 16
- **I/O Type** 8 DO & 8 DI
- **Digital Output** Open collector to 40 V
200 mA max. load
- **Digital Input** Dry contact:
Logic level 0: open
Logic level 1: close to GND
Wet contact: Logic level
0: +3 V max.
Logic level 1: +10 to 50 V
- **Optical Isolation** 2500 V_{DC}
- **Over Voltage Protection** 70 V_{DC}
- **Power Consumption** 0.68 W (Typical)
- **LED Indicators** On: Active
Off: Non-active

Ordering Information

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

Specifications

- **Channels** 16
- **Operating Voltage** 30 V_{max}
- **Digital Output** Open collector to 30 V,
100 mA max. load
- **Power Consumption** ADAM-5056: 0.25 W
(typical); 0.53 W (max.)
ADAM-5056D: 0.5 W
(typical); 0.84 W (max.)
- **Power Dissipation** 450 mΩ for each
channel
- **LED Indicators: (ADAM-5056D)**
On: output logic level "1"
Off: output logic level "0"
- **Output Status Hold Function (ADAM-5056D)**
- **Certifications** CE
FM (ADAM-5056 only)

Ordering Information

- **ADAM-5056** 16-channel Digital Output Module
- **ADAM-5056D** 16-channel Digital Output w/LED Module