ADAM-5056/D/S
ADAM-5056SO
ADAM-5057S

16-ch Digital Output Module
16-ch Source-type Isolated Digital Output Module with LED
32-ch Isolated Digital Output Module



ADAM-5056
ADAM-5056D
ADAM-5056S



ADAM-5056SO



ADAM-5057S

Specifications

General

- **Certification** CE, FCC class A (ADAM-5056S only)
- **Connectors**
  - ADAM-5056/5056D: 1 x Plug-in screw terminal (# 14 ~ 22 AWG)
  - ADAM-5056S: 1 x Plug-in screw terminal (# 14 ~ 28 AWG)
- **Enclosure** ABS+PC
- **LED Indicators**
  - ADAM-5056D: On: Output logic level 1; Off: Output logic level 0
  - ADAM-5056S: On: Active; Off: Inactive
- **Power Consumption** ADAM-5056:0.53 W (max.); ADAM-5056D: 0.84 W (max.); ADAM-5056S: 0.6 W (max.)

Digital Output

- **Channels** 16
- **Digital Output**
  - ADAM-5056/5056D: Open collector to 30 V, 100 mA max. load
  - ADAM-5056S: Open collector to 40 V, 200 mA max. load (sink)
- **Operating Voltage** ADAM-5056/5056D: 30 V max
- **Power Dissipation** 300 mW for each channel
- **Protection (Only for ADAM-5056S)**
  -Optical Isolation 2500 V_{DC}
  -Overvoltage Protection 70 V_{DC}
  -Power Dissipation 300 mW

Ordering Information

- **ADAM-5056** 16-ch Digital Output Module
- **ADAM-5056D** 16-ch Digital Output Module with LED
- **ADAM-5056S** 16-ch Sink Type Iso. DO Module w/ LED

Specifications

General

- **Certification** CE, FCC class A
- **Connectors** 1 x Plug-in screw terminal (# 14 ~ 28 AWG)
- **Enclosure** ABS+PC
- **LED Indicator** On: Active; Off: Inactive
- **Power Consumption** 0.6 W (Max.)

Digital Output

- **Channels** 16
- **Digital Output** 10 ~ 35 V_{DC}
- **Current** 200 mA max. (per channel)
- **Power Dissipation** Channel : 1 W max. Total : 2.2 W

Protection

- **Optical Isolation** 2,500 V_{DC}
- **Overvoltage Protection** 70 V_{DC}

Ordering Information

- **ADAM-5056SO** 16-ch Source Type Iso. DO Module w/ LED

Specifications

General

- **Certification** CE, FCC class A
- **Connectors** 1 x 40 pin (wiring line)
- **Enclosure** ABS+PC
- **LED Indicator** On: Active; Off: Inactive
- **Power Consumption** 1W (Max.)

Digital Output

- **Channels** 32
- **Digital Output** Must connect with 2 units of ADAM-3920R

Protection

- **Optical Isolation** 2,500 V_{DC}
- **Overvoltage Protection** 70 V_{DC}

Relay Spec. of ADAM-3920R

- **Contact Rating** 10A @ 250 V_{AC}; 10A @ 30 V_{DC}
- **Contact Resistance** 100 mΩ
- **Operation Time** 15 ms
- **Relay Type SPST** (Form A)
- **Release Time** 5 ms max
- **Life Expectancy** 1.7 x 10^5 at related load
- **Insulation Resistance** 1GΩ @ 500 V_{DC}
- **Power Input** +24 V_{DC}
- **Mounting** DIN 35 rail, wall, rack (with mounting kit)

Note: ADAM-5057S must connect with 2 units of ADAM-3920R via PCL-10220

Note: only for ADAM-5550 & 5560 Series

Ordering Information

- **ADAM-5057S** 32-ch Digital Output Module
- **ADAM-3920R** 20-pin Flat Cable Wiring Relay Board
- **PCL-10220** 40-pin IDC to two 20-pin IDC cable, 1m