

ADAM-5056/D/S ADAM-5056S0 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



CE FCC



ADAM-5056S0



CE FCC



ADAM-5057S



CE FCC

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

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-5056S0** 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 10⁵ 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-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

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