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



Specifications

General

- Certifications
- Connectors ADAM-5056/5056D

ADAM-5056S

Enclosure

LED Indicators ADAM-5056D

ADAM-5056S

- Power Consumption
- Off: inactive ADAM-5056:0.53 W (max.) ADAM-5056D: 0.84 W (max.) ADAM-5056S: 0.6 W (max.)

Open collector to 30 V,

Open collector to 40 V,

ADAM-5056/5056D:

30 Vmax

200 mA max. load (sink)

100 mA max. load

CE. FCC class A

1 x Plug-in screw

1 x Plug-in screw

ABS+PC

On: active

16

(ADAM-5056S only)

terminal (# 14 ~ 22 AWG)

terminal (# 14 ~ 28 AWG)

On: output logic level "1"

Off: output logic level "O"

Digital Output

- Channels Digital Output ADAM-5056/5056D

ADAM-5056S

- Operating Voltage
- Power Dissipation 300 mW for each channel

Protection (Only for ADAM-5056S)

- -Optical Isolation 2500 Vpc
- -Overvoltage Protection 70 Vpc -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



CE, FCC class A

(# 14 ~ 28 AWG)

ABS+PC

On: active

16

Off: inactive

10 ~ 35 V_{DC}

2,500 V_{DC}

1 x Plug-in screw terminal

Specifications

General

- Certifications
- Connectors
- Enclosure
- LED Indicator
- Power Consumption 0.6 W (Max.)

Digital Output

- Channels **Digital Output**
- . . Current
- Power Dissipation

Protection

- Optical Isolation Overvoltage
- Protection

Ordering Information

- ADAM-5056SO
- 16-ch Source Type Iso. DO

200 mA max. (per channel)

Total: 2.2 W (8 channels)

Channel : 1 W max.

Module w/ LED



Specifications

General

- Certifications
- Connectors
- Enclosure
- LED Indicator
- Power Consumption 1W (Max.)

ABS+PC

On: active

Off: inactive

CE. FCC class A

1 x 40 pin (wiring line)

Must connect with 2 units

Digital Output

- Channels
- Digital Output
 - - of ADAM-3920R

32

- Protection
- Optical Isolation 2,500 V_{DC}
- Overvoltage $70 V_{\text{DC}}$ Protection

Relay Spec. of ADAM-3920R

- Contact Rating 10A @ 250 V_{AC}
 - 10A @ 30 V_{DC}
- Contact Resistance $100 \, \text{m}\Omega$
- 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 $1G\Omega @ 500 V_{DC}$
- 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 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

 $70 V_{\text{DC}}$