ADAM-4056S/SO
12-channel Sink/Source Type Isolated Digital Output Module

ADAM-4060
4-channel Relay Output Module

ADAM-4068
8-channel Relay Output w/LED Module with Modbus

NEW

ADAM-4056S/SO

ADAM-4060

FM APPROVED

ADAM-4068

Specifications

ADAM-4056S

- Sink Type — Digital Output
- I/O Type — Sink Type Output
- Channels — 12
- Digital Output — Open collector to 40V (200mA max. load)

Isolation

- Optical Isolation — 5,000 V_{DC}

ADAM-4056SO

- Source Type — Digital Output
- I/O Type — Source Type Output
- Channels — 12
- Digital Output — VCC: 10 ~ 35 V_{DC} Current: 1A (per ch.)
- Over Current Detection
- DO Source Power Failure Detection

Isolation

- Optical Isolation: 5,000 V_{DC}
- Built-in Watchdog Timer

Power

- Power Requirement — Unregulated 10~30 V_{DC}
- Power Consumption — 1 W @ 24 V_{DC}

Specifications

Relay Output

- **Channels** — 4-channels relay, two Form A and two Form C
- **Contact Rating** — AC: 125 V @ 0.6 A; 250 V @ 0.3 A DC: 30 V @ 2 A; 110 V @ 0.6 A
- **Breakdown Voltage** — 500 V_{AC} (50/60 Hz)
- **Relay on Time (typical)** — 3 msec.
- **Relay off Time (typical)** — 1 msec.
- **Total Switching Time** — 10 msec.
- **Insulation Resistance** — 1,000 MΩ minimum at 500 V_{DC}

Built-in Watchdog Timer

Power

- **Power Requirements** — Unregulated +10 ~ +30 V_{DC}
- **Power Consumption** — 0.8 W @ 24 V_{DC}

Specifications

Relay Output

- **Channels** — Four form A and four form C
- **Contact Rating** — AC: 125 V @ 0.6 A; 250 V @ 0.3 A DC: 30 V @ 2 A; 110 V @ 0.6 A
- **Breakdown Voltage** — 500 V_{AC} (50/60 Hz)
- **Relay on Time (typical)** — 2 ms
- **Relay off Time (typical)** — 4 ms
- **Insulation Resistance** — 1,000 MΩ minimum at 500 V_{DC}

Built-in Watchdog Timer

- **System and Comm. Watchdog**

Power

- **Power Requirements** — Unregulated +10 ~ +30 V_{DC}
- **Power Consumption** — 0.6 W @ 24 V_{DC}

Ordering Information

- **ADAM-4056S** — 12-channel Sink Type Isolated Digital Output Module
- **ADAM-4056SO** — 12-channel Source Type Isolated Digital Output Module

Ordering Information

- **ADAM-4060** — 4-channel Relay Output Module

Ordering Information

- **ADAM-4068** — 8-channel Relay Output Module w/Modbus