ADAM-4060
ADAM-4068
ADAM-4069

4-ch Relay Output Module

8-ch Relay Output Module with Modbus

8-ch Power Relay Output Module with Modbus

ADAM-4060   FM APPROVED   CE   RoHS COMPLIANT 2002/95/EC

ADAM-4068   FCC CE   RoHS COMPLIANT 2002/95/EC

ADAM-4069   FCC CE   RoHS COMPLIANT 2002/95/EC   c UL us LISTED E188851 IND.

Specifications

General

- **Connectors**   2 x plug-in terminal blocks (#14 ~ 22 AWG)
- **Power Consumption**   0.8 W @ 24 V_{DC}
- **Watchdog Timer**   System (1.6 second)
- **Supported Protocols**   ASCII command

Relay Output

- **Breakdown Voltage**   500 V_{AC} (50/60 Hz)
- **Channels**   2 x Form A
  2 x Form C
- **Contact Rating (Resistive)**   0.6 A @ 125 V_{AC}
  0.3 A @ 250 V_{AC}
  2 A @ 30 V_{DC}
  0.6 A @ 110 V_{DC}
- **Initial Insulation Resistance**   1 G Ω min. at 500 V_{DC}
- **Relay off Time (Typical)**   2 ms
- **Relay on Time (Typical)**   3 ms
- **Maximum Operating Speed**   20 operations/min (at related load)

Specifications

General

- **Connectors**   2 x plug-in terminal blocks (#14 ~ 28 AWG)
- **Power Consumption**   0.6 W @ 24 V_{DC}
- **Watchdog Timer**   System (1.6 second) & Communication
- **Supported Protocols**   ASCII command and Modbus/RTU

Relay Output

- **Breakdown Voltage**   500 V_{AC} (50/60 Hz)
- **Channels**   4 x Form A
  4 x Form C
- **Contact Rating (Resistive)**   0.5 A @ 120 V_{AC}
  0.25 A @ 240 V_{AC}
  1 A @ 30 V_{DC}
  0.3 A @ 110 V_{DC}
- **Initial Insulation Resistance**   1 GΩ min. at 500 V_{DC}
- **Relay off Time (Typical)**   4 ms
- **Relay on Time (Typical)**   3 ms
- **Maximum Operating Speed**   50 operations/min (at related load)

Specifications

General

- **Connectors**   2 x plug-in terminal blocks (#14 ~ 28 AWG)
- **Power Consumption**   2.2 W @ 24 V_{DC}
- **Watchdog Timer**   System (1.6 second) & Communication
- **Supported Protocols**   ASCII command and Modbus/RTU

Relay Output

- **Breakdown Voltage**   1,000 V_{AC} (50/60 Hz)
- **Channels**   4 x Form A
  4 x Form C
- **Contact Rating (Resistive)**   5 A @ 250 V_{AC}
  5 A @ 30 V_{DC}
- **Initial Insulation Resistance**   1 GΩ min. at 500 V_{DC}
- **Relay off Time (Typical)**   5.6 ms
- **Relay on Time (Typical)**   5 ms
- **Maximum Operating Speed**   6 operations/min (at related load)

Common Specifications
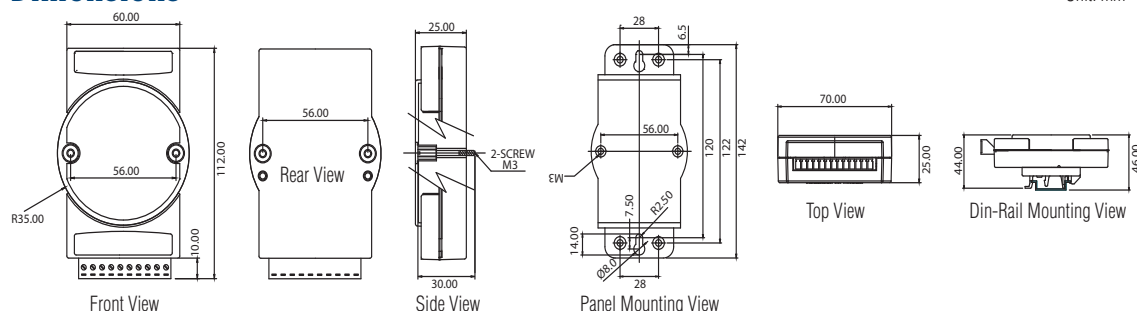
General

- **Power Input**   Unregulated 10 ~ 30 V_{DC}

Environment

- **Operating Humidity**   5 ~ 95% RH
- **Operating Temperature**   -10 ~ 70°C (14 ~ 158°F)
- **Storage Temperature**   -25 ~ 85°C (-13 ~ 185°F)

Ordering Information

- **ADAM-4060-DE**   4-ch Relay Output Module
- **ADAM-4068-BE**   8-ch Relay Output Module with Modbus
- **ADAM-4069-AE**   8-ch Power Relay Output Module with Modbus

Dimensions

Unit: mm

Front View

Rear View

Side View

Panel Mounting View

Top View

Din-Rail Mounting View

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