

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# **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 C E ROHS

# **Specifications**

#### General

Connectors 2 x plug-in terminal blocks (#14 ~ 22 AWG) 0.8 W @ 24 V<sub>DC</sub> Power Consumption Watchdog Timer System (1.6 second) Supported Protocols ASCII command

#### **Relay Output**

Breakdown Voltage

Channels 2 x Form A 2 x Form C Contact Rating 0.6 A @ 125 V<sub>AC</sub> (Resistive) 0.3 A @ 250 V<sub>AC</sub> 2 A @ 30 V<sub>DC</sub> 0.6 A @ 110 V<sub>DC</sub> Initial Insulation 1 G  $\Omega$  min. at 500 V<sub>DC</sub> Resistance

500 V<sub>AC</sub> (50/60 Hz)

Relay off Time 2 ms (Typical) **Relay on Time** 3 ms (Typical)

**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<sub>DC</sub> **Watchdog Timer** System (1.6 second) & Communication Supported Protocols ASCII command and Modbus/RTU

#### **Relay Output**

Breakdown Voltage 500 V<sub>AC</sub> (50/60 Hz) Channels 4 x Form A 4 x Form C Contact Rating 0.5 A @ 120 V<sub>AC</sub> 0.25 A @ 240 V<sub>AC</sub> (Resistive) 1 A @ 30 V<sub>DC</sub> 0.3 A @ 110 V<sub>DC</sub> **Initial Insulation** 1 G $\Omega$  min. at 500 V<sub>DC</sub> Resistance **Relay off Time** 4 ms (Typical)

3 ms

(Typical) Maximum Operating Speed 50 operations/min (at related load)

# **Specifications**

#### General

Connectors 2 x plug-in terminal blocks (#14 ~ 28 AWG) 2.2 W @ 24 V<sub>DC</sub> Power Consumption Watchdog Timer System (1.6 second) & Communication Supported Protocols ASCII command and

Modbus/RTU

#### **Relay Output**

 Breakdown Voltage 1,000 V<sub>AC</sub> (50/60 Hz) Channels 4 x Form A 4 x Form C **Contact Rating** 5 A @ 250 V<sub>AC</sub> (Resistive)  $5~\textrm{A} @ 30~\textrm{V}_\textrm{DC}$ Initial Insulation  $1 \text{ G}\Omega$  min. at  $500 \text{ V}_{DC}$ Resistance

Relay off Time 5.6 ms (Typical) **Relay on Time** 5 ms (Typical)

**Maximum Operating Speed** 6 operations/min (at related load)

# **Common Specifications**

#### General

 Power Input Unregulated 10 ~ 30 V<sub>DC</sub>

#### **Environment**

Relay on Time

• Operating Humidity  $5 \sim 95\%$  RH

Operating -10 ~ 70°C (14 ~ 158°F) Temperature

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

