ADAM-4118 COASTIPC ADAM-4150 ADAM-4168

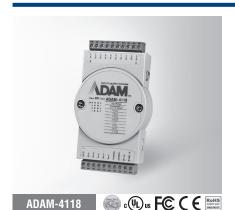


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Robust 8-ch Thermocouple Input Module with Modbus

Robust 15-ch Digital I/O Module with Modbus

Robust 8-ch Relay Output Module with Modbus







Specifications

General

 Certification FCC, CE, UL, UL Class I Division 2

■ Power Consumption 0.5W @ 24 V_{DC}

Analog Input

Channels 8 differential and

independent configuration

channels Voltage: 20 M Ω

 Input Impedance Current: 120 Ω T/C, mV, V, mA

Input Type Input Range

momocoupic					
	J	0 ~ 760°C	R	5	
	K	0 ~ 1,370°C	S	5	

J	0 ~ 760°C	R	500 ~ 1,750°C
K	0 ~ 1,370°C	S	500 ~ 1,750°C
T	-100 ~ 400°C	В	500 ~ 1,800°C
Ε	0~1,000°C		

Voltage mode ±15 mV, ±50 mV,

±100 mV, ±500 mV, ±1 V, ±2.5 V

Current mode ±20 mA, 4 ~ 20 mA Voltage mode: ±0.1% or Accuracy

better Current mode: ±0.2% or

better

Resolution 16-bit

Sampling Rate 10/100 samples/sec (selected by Utility)

CMR @ 50/60 Hz 92 dB NMR @ 50/60 Hz 60 dB

 $\pm 60 \, V_{DC}$ Overvoltage Protection

High Common Mode 200 V_{DC}

Span Drift ±25 ppm/°C (Typical)

Zero Drift

Built-in TVS/ESD Protection

Burnout Detection

Specifications

General

 Certification FCC, CE, UL, UL Class I Division 2

Power Consumption 0.7 W @ 24 V_{DC}

Digital Input

Channels

Input Level

Wet contact:

Dry contact: Logic level 0: Close to GND

Logic level 1: Open Logic level 0: 3 V max

Logic level 1: 10 ~ 30 V

(Note: The Digital Input Level 0 and 1 status can be

Supports 3 kHz Counter Input (32-bit + 1-bit overflow)

Supports 3 kHz Frequency Input

Supports Invert DI Status

Over Voltage Protection $40 V_{DC}$

Digital Output

Channels 8, open collector to 40 V

(0.8A max. load)

 Power Dissipation 1W load max **RON Maximum** $150~\text{m}\Omega$

Supports 1 kHz Pulse Output

Supports High-to-Low Delay Output

Supports Low-to-High Delay Output

Specifications

General

 Certification FCC. CE. UL Power Consumption 1.8 W @ 24 V_{DC}

Relay Output

 Output Channels 8 Form A Contact Rating 0.5 A @ 120 V_{AC} 0.25 A @ 240 V_{AC} (Resistive) 1 A @ 30 V_{DC} 0.3 A @ 110 V_{DC}

 Breakdown Voltage 750 V_{AC} (50/60 Hz) $1 \text{ G} \Omega \text{ min.} @ 500 \text{ V}_{DC}$

Initial Insulation Resistance

Relay Response On: 3ms Off: 1ms Time (Typical)

Total Switching Time 10 ms

Supports 100 Hz pulse output

Maximum Operating 50 operations/min Sneed (at related load)

Common Specifications

General

Power Input Unregulated 10 ~ 48 V_{DC} **Watchdog Timer** System (1.6 second) & Communication

Connector 2 x plug-in terminal blocks (#14 ~ 22 AWG)

Isolation Voltage $3,000\;V_{\text{DC}}$ RS-485, micro USB Interface (B version)

Supported Protocols

ASCII Command and Modbus/RTU

Environment

Operating Humidity 5 ~ 95% RH -40 ~ 85°C **Operating Temperature** (-40 ~ 185°F) Storage Temperature -40 ~ 85°C (-40 ~ 185°F)

Ordering Information

ADAM-4118

ADAM-4150

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ADAM-4168

Robust 8-ch Relay Output Module with Modbus

AD\ANTECH

RS-485 I/O Modules: ADAM-4000

All product specifications are subject to change without notice.