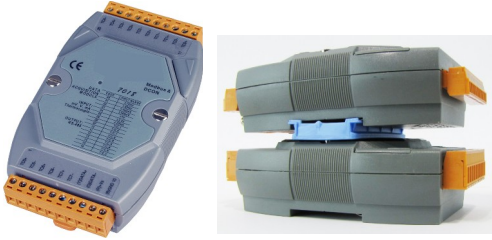


ASIO-7018 – 8 Ch Analog Input, Thermocouple/AI Module, Modbus



Features

- 8-channel Differential or 6-channel Differential And 2-Channel Single-ended Analog Inputs
- Current, Voltage or Thermocouple Input, independently Configurable channels
- Modbus RTU Serial Interface

Specifications

Analog Input		EMS Protection	
Channels	6 Differential / 2 Single-ended or 8 Differential	ESD (IEC 61000-4-2)	±4 kV Contact/Terminal
Wiring	Differential	EFT (IEC 61000-4-4)	±4 kV for Power Line
Sensor Type	TC: J, K, T, E, R, S, B, N, C	Surge (IEC 61000-4-5)	±0.5 kV for Power Line
	Voltage ±15mV, ±50mV, ±100mV, ±500mV, ±1V, ±2.5V	Power	
	Current ±20mA, 0 ~ +20mA, +4 ~ +20mA	Polarity Protection	Yes, Reverse
Resolution	16-bit	Input Range	+10 ~ +30 VDC
Accuracy	0.1% of FSR	Consumption	1.0 W
Sampling Rate	10 Hz (Total)	Isolation	
Input Impedance	> 400 kΩ	Intra-Module Isolation	Field-to-logic 3000 VDC
Protection	25 VDC Common Voltage	Mechanical	
	±120 VDC Over Voltage	Dimensions (L x W x H)	123 mm x 72 mm x 35 mm
Communication		Mounting	DIN-Rail or Wall Mounting
Channels	RS-485	Connectors	Plug-in Screws, Terminal Block
Baud Rate	1200 to 115200 bps	LED Indicator	Power/Communication
Protocol	Modbus RTU	Environment	
Dual Watchdog	1.6 Sec, Communication (Programmable)	Operating Temperature	-25 to +75°C
		Storage Temperature	-40 to +85°C
		Relative Humidity	10 to 95% Non-condensing