

ASIO-7015 – 6 Ch RTD Input Module, Modbus



Features

- 6 RTD Channels
- Each Channel can connect to different sensor Types
- Designed for Long-distance RTD Measurements
- Automatic Accurate Compensation for 3-wire RTD
- Modbus RTU Serial Interface

Specifications

Analog Input		EMS Protection	
Channels	6	ESD (IEC 61000-4-2)	±4 kV Contact/Terminal
Wiring	2/3-Wire	ESD (IEC 61000-4-4)	±4 kV for Power Line
Sensor Type	Pt100, Pt1000, Ni120, Cu50, Cu100, CU1000	Power	
Resolution	16-bit	Polarity Protection	Yes, Reverse
Accuracy	±0.05% of FSR	Input Range	+10 ~ +30 VDC
Sampling Rate	12 Hz (Total)	Consumption	1.1 W
Configuration	Yes, Individual Channel	Isolation	
Protection	120 VDC Over Voltage	Intra-Module Isolation	Field-to-logic 3000 VDC
Detection	Yes, Open Wire	Mechanical	
Measurement	3.2 kΩ, Resistance	Dimensions (L x W x H)	123 mm x 72 mm x 35 mm
Communication		Mounting	DIN-Rail or Wall Mounting
Interface	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