

AT-25002

AT-26003

7-ch RTD module with Modbus TCP

8-ch Thermocouple Input Module with Modbus TCP



No Image Available



No Image Available

AT-25002

Specifications

General

Power Consumption	IDLE: 1.2 W@24V, FULL LOAD: 7.9 W@24V
Supported Protocols	MODBUS TCP
Operating Voltage	9 – 36 VDC
Watchdog Timer	System (2 second)&Communication
Configuration Tool	Web server & Ethernet Utility

RTD

Channels	7 (differential)
Input connections	2/3/4 wire
Input Type	Pt100/Pt1000
Pt100 Temperature range	-200° to 850°C (typical)
Pt1000 Temperature range	-70° to 550°C (typical)
Accuracy	0.5°C (0.05% of Full Scale) max

AT-26003

Specification

General

Power Consumption	IDLE: 1.2 W@24V, FULL LOAD: 7.9 W@24V
Supported Protocols	MODBUS TCP
Operating Voltage	9 – 36 VDC
Watchdog Timer	System (2 second)&Communication
Configuration Tool	Web server & Ethernet Utility

Thermocouple

Channel	8 (differential)		
Input Type	K, J, N, R, S, T, B, and E		
Resolution	19 bit		
Accuracy	±0.7°C (max, -20°C to +85°C) Cold-Junction Accuracy		
Thermocouple Type and Temperature Ranges			
K	0 ~ 1,370°C	S	500 ~ 1,750°C
J	0 ~ 760°C	T	-100 ~ 400°C
N	-270°C to 1300°C	B	500 ~ 1,800°C
R	500 ~ 1,750°C	E	0 ~ 1,000°C

Common Specifications

General

- **Indicator** Power ON, I/O Status, Communication LED's
- **Reset Function** Yes
- **Mounting** Din Rail
- **Material** Mild steel (MS) with powder coating

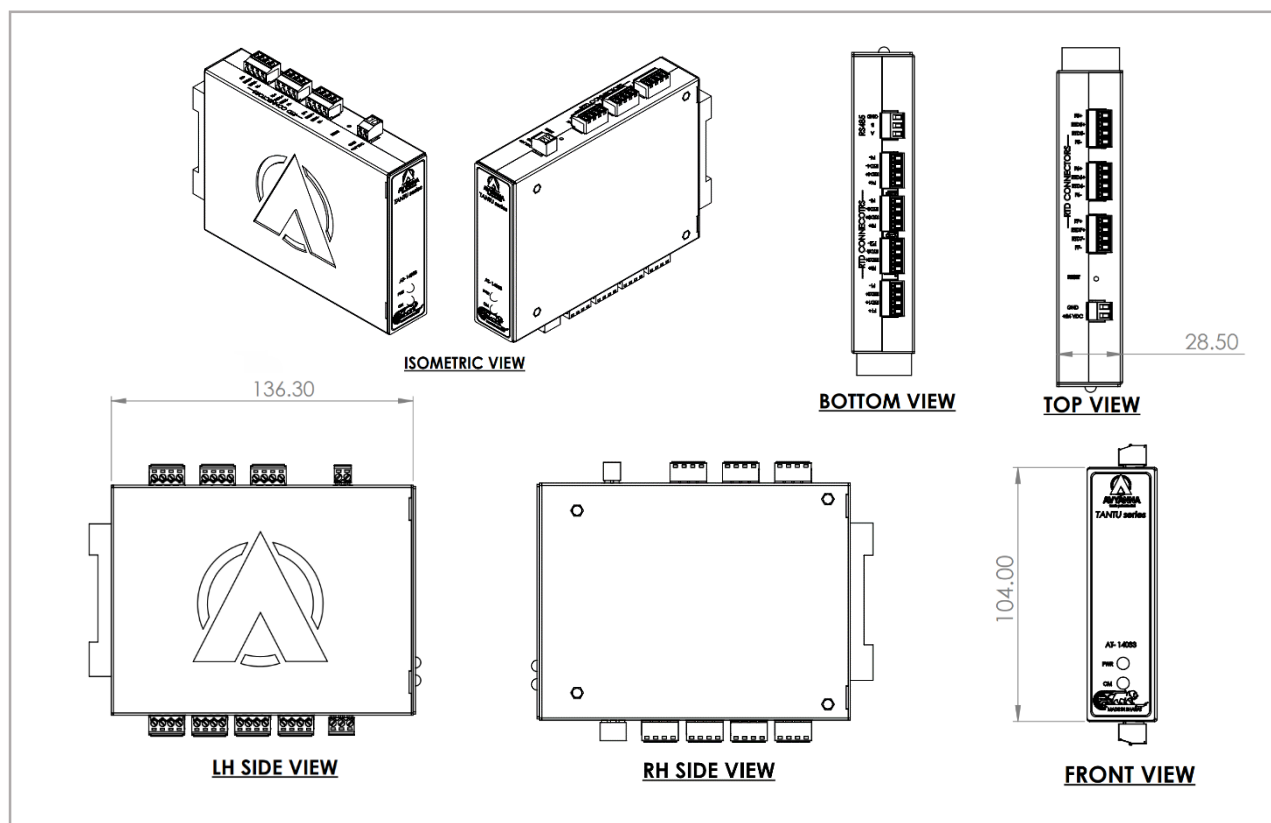
Environment

- **Operating Temperature** 0°C - 60°C
- **Storage Temperature** 0°C - 70°C
- **Operating Humidity** 20-95% RH
- **Certifications** ROHS

Ethernet Interface

- **Network Protocols** MODBUS TCP, TCP/IP, HTTP, DHCP, DNS, UDP, ARP
- **Number of Ports** 1
- **Interface** RJ-45 Female
- **Full Duplex Mode** Support IEEE 802.3x flow control
- **Half Duplex Mode** Support CSMA/CD Protocol
- **Ethernet Port Specification** RJ-45, 10/100 Mbit/s

Dimensions & Drawing



Order Information

Part No.	Description
AT-25002	7-ch RTD Module with Modbus TCP
AT-26003	8-ch Thermocouple Input Module with Modbus TCP