

AT-13433

AT-14033

AT-13005

8 Digital Input-8 Digital Relay Output Module with Modbus RTU

8 Digital Relay Output Module with Modbus RTU

16 Digital Input Module with Modbus RTU



AT-13433

Specifications

General

Power Consumption	1.2 W @ 24 VDC
Supported Protocols	MODBUS RTU
Operating Voltage	9 – 36VDC
Watchdog Timer	System (2 second) & Communication
Configuration Tool	Serial Configuration Utility

Digital Inputs

Channels	8
Isolation voltage	5000Vrms
Logic Level 1	Min. 6v
Logic Level 0	Max. 5v
Type of Inputs	Sinking
Grouping	8 + Common separate for each DI
Max Input current	10 mA per input

Digital Outputs

Channels	8 Relay output
Relay Type	1 form A(SPDT)
Contact Material	AgSnO ₂ , AgNi
Contact Rating	5A 250 VAC/30VDC
Isolation voltage	1500 VDC
Mechanical Life Expectancy	2 x 10 ⁷ operations
Electrical Life Expectancy	5 x 10 ⁴ operations



AT-14033

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AT-13005

Specifications

General

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Supported Protocols	MODBUS RTU
Operating Voltage	9 – 36VDC
Watchdog Timer	System (2 second) & Communication
Configuration Tool	Serial Configuration Utility

Digital Inputs

Channels	8
Isolation voltage	5000Vrms
Logic Level 1	Min. 6v
Logic Level 0	Max. 5v
Type of Inputs	Sinking
Grouping	16 + Common separate for each DI
Max Input current	10 mA per input

Common Specifications

General

- **Power Isolation for RS485** 1.5 kV Galvanic
- **Indicator** Power ON, I/O Status, Communication LED's
- **Reset Function** Yes
- **Mounting** Din Rail
- **Material** Mild steel (MS) with powder coating

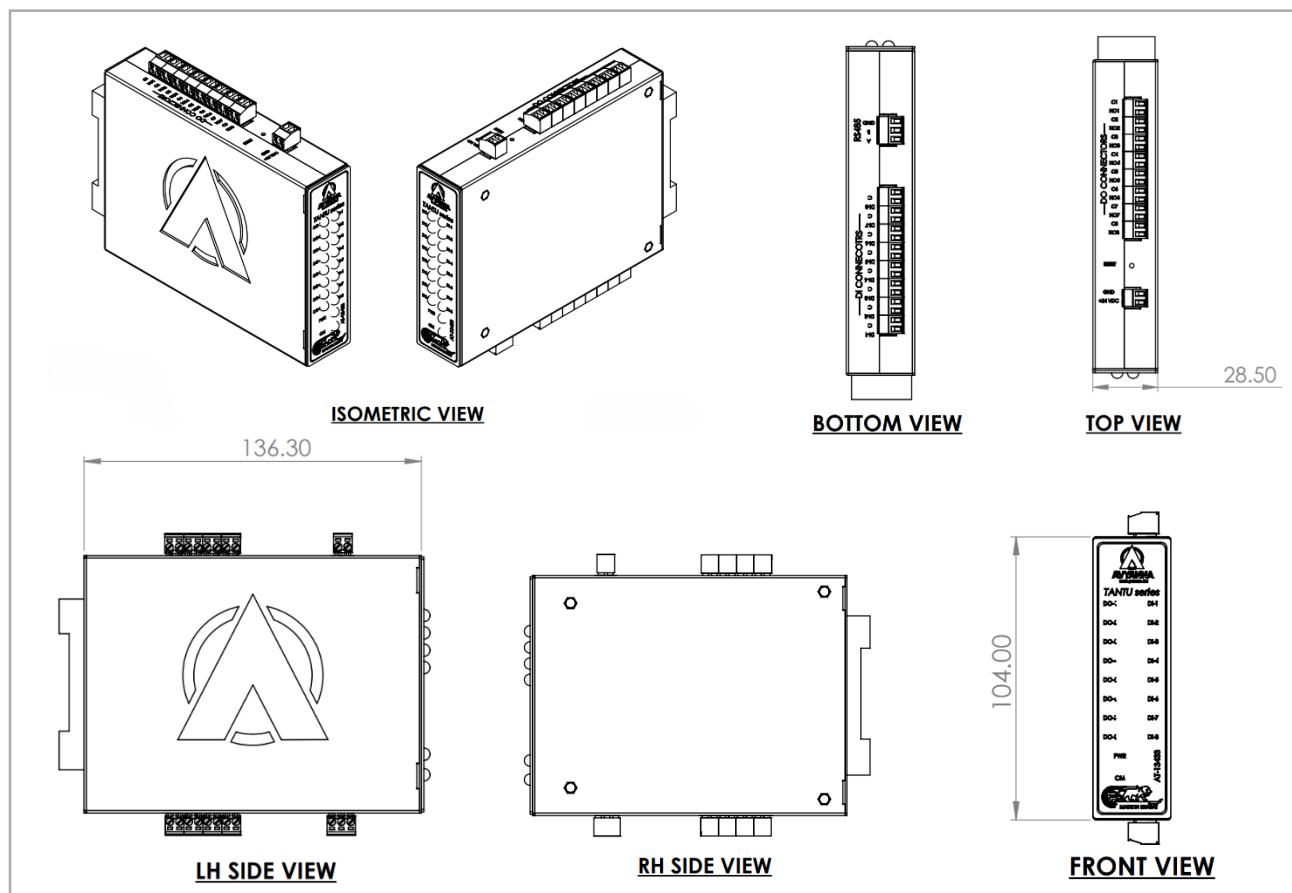
Environment

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

Serial Interface

- **Number of Ports** 1
- **RS-485 Data Direction Control** ADDC (Automatic Data Direction Control)
- **Serial Standard** RS485
- **Baud Rate** Custom (Default 115200)
- **Terminating Resistor for RS-485** 120 ohm
- **Parity** None, Even, Odd
- **Data Bits** Data Bits
- **Stop Bits** 1,2
- **Serial Signal** RS-485: 2W D+, D-,GND
- **Galvanic Isolation** 2.5 kV

Dimensions & Drawing



Order Information

Part No.	Description
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