

A-1112

Fully Isolated RS-485 Analog I/O Remote Modules

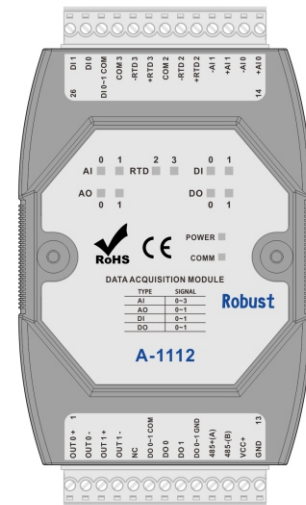
4~20mA / PT-100 Acquisition Module



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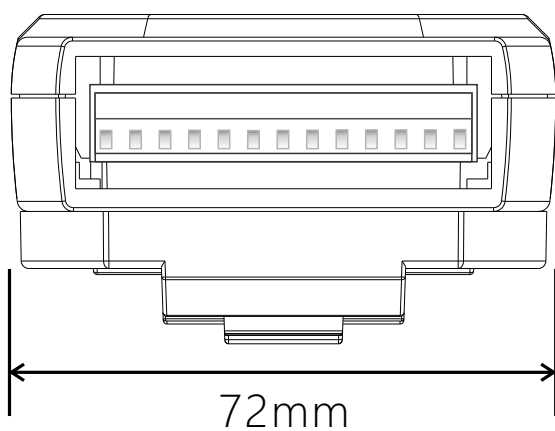
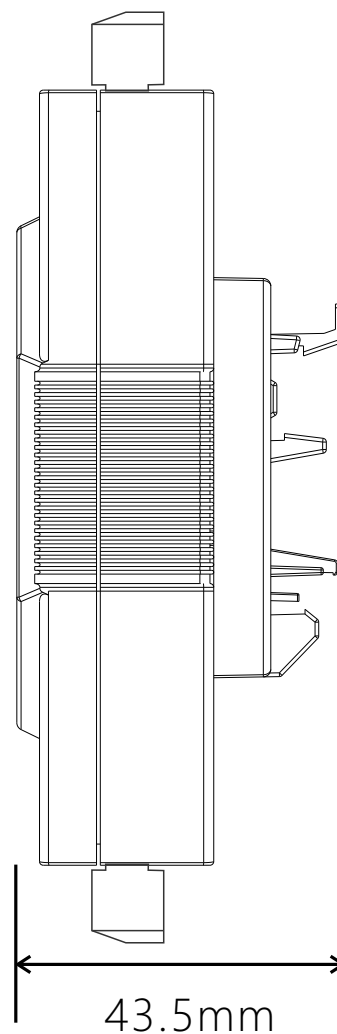
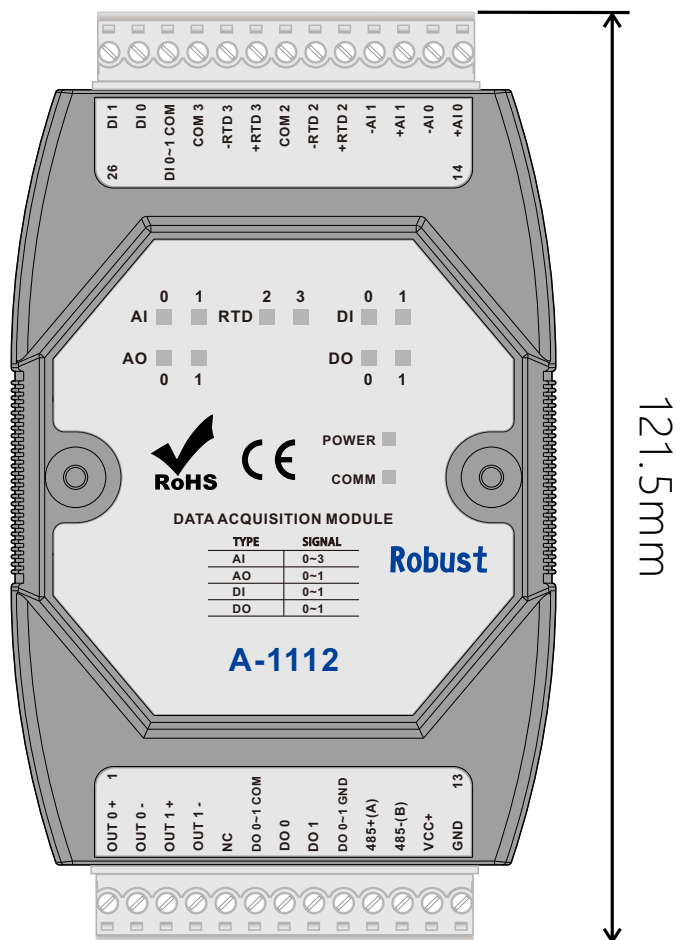
OVERVIEW

- Analog Input 16-bit Resolution
- Analog Output 12-bit Resolution
- Support Analog Input/Output 0/4~20mA
- Support PT-100(-200~ +600℃) Input
- Isolation RS-485 Interface
- Isolation Power Supply
- Isolation Voltage:1500VDC
- Surge/EFT/ESD Protection
- Dual Watchdog Timer
- Low Power Indicator
- Supports Modbus RTU
- Operation Temperature: -20~70 °C



For more information, please refer to
www.szatc.com

Part Number	A-1112
Digital Input	2 (PNP & NPN)
Digital Input Status	Low: <1VDC, High: >5~30VDC
Digital Output	2 (Transistor: Source)
DO Continuous Current	10-40VDC/2A
DI/DO Operation Frequency	10Hz
Analog Input	4 (16-bit)
Analog Input Type	2*0/4~20mA + 2*PT-100(-200 ~ +600℃)
Analog Output	2 (12-bit)
Analog Output Type	0/4~20mA
AI/AO Accuracy	±0.1% / ±1%
Sampling Rate	10Hz (Total)
Impedance	100Ω
CMR @ 50/60 Hz	120 dB
Span Drift	±50 ppm/℃
Zero Drift	±18 μV/℃
Interface	1×RS-485
Baud Rate	1200 ~ 115200bps
Isolation	RS-485 & Power: 1500VDC, DI & DO: 5000VDC
Protocol	MODBUS RTU
Degree Of Protection	IP20
Installation	35mm DIN Rail
Dimension	121.5*72*43.5mm
Operation Temperature	-20 ~ +70℃
Operation Voltage	10~30VDC



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