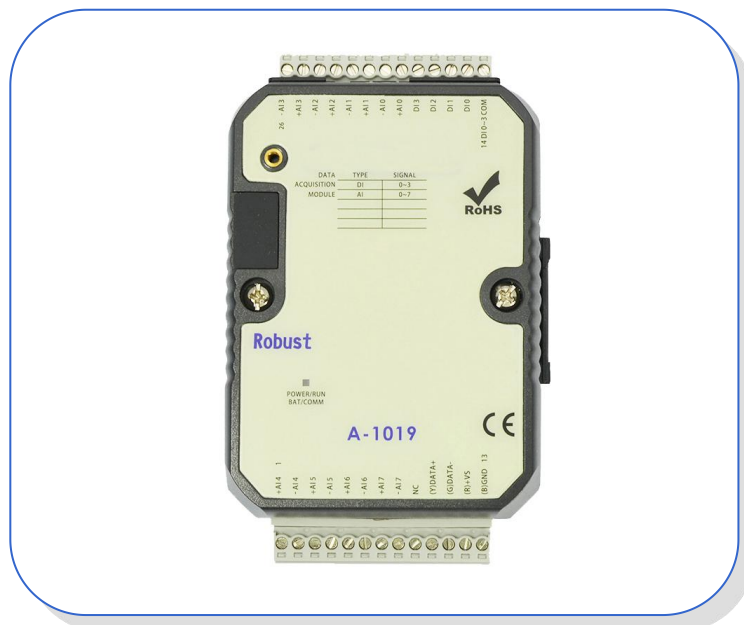


Product Features

- Use for ATC Whole Series Controller
- RS-485 Interface
- Supports Modbus RTU / ASCII
- LED Indicator
- Operation Temperature -20~+75°C
- Isolation Voltage: 5000 V DC
- Surge , EFT And ESD Protection
- Dual Watchdog Timer
- Low Power Indicator
- Operation Range: Up To 1200 Meters
- Free Monitor PC Software "Utility"

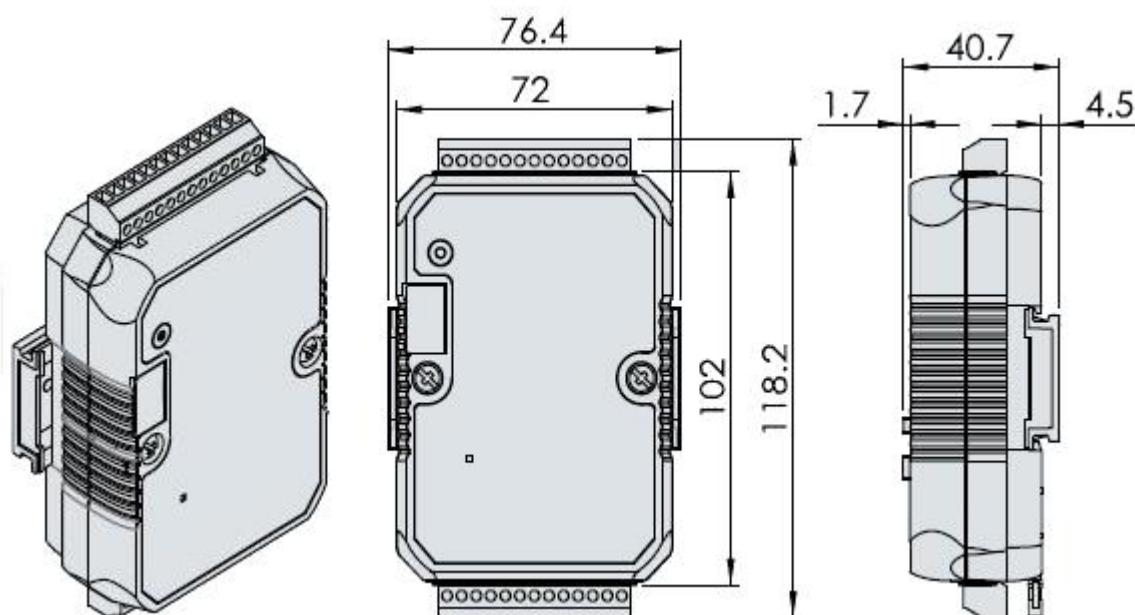


Specifications

Type	A-1019	
Operation Voltage	10 ~ 30VDC/24VAC	
Inputs	4 * Isolation DI	Status Low: <1VDC
		Status High: >5~30VDC
Outputs	-	
Continuous Current	-	
Communication Baud Rate	2400 ~ 921600bps	
Data Bit	8 bits	
Parity	Odd, Even, None	
Stop Bits	1,2 bits	
Communication protocol	MODBUS RTU / MODBUS ASCII	
Isolation	YES (5000VDC)	
Input Operating Frequency	10Hz	
Output Operating Frequency	Transistor: 10Hz	
Analog Inputs	8 (16 bit)	
Analog Input Type	0/4~20mA,J,K,T,E,R,S,B,Thermistor(-270 ~ +1800°C)	
Analog Outputs	-	

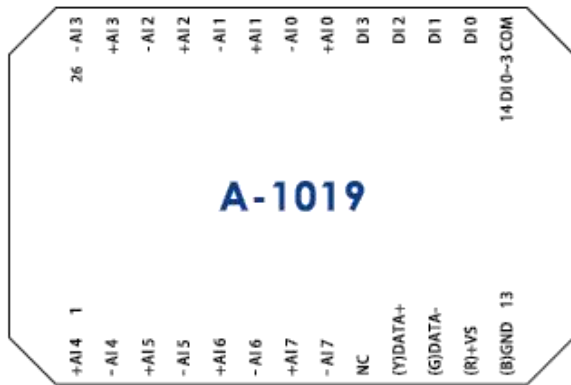
Analog Output Type	-
Input Impedance	Current: 100Ω Voltage: 10MΩ
Analog Input / Output Accuracy	±0.1% / -
Interface	RS-485 + USB
Channel Independent Configuration	Yes
Sampling Rate	10 sample/second (Total)
CMR @ 50/60 Hz	120 dB
Span Drift	± 50 ppm/°C
Temperature Ranges	(J:-210~760°C) (K:-270~1,370°C) (T:-270~400°C) (E:-270~1,000°C) (R:0~1,750°C) (S:0~1,750°C) (B:0~1,800°C) (Thermistor-10K-T2:0~100°C) (Thermistor-10K-T3:0~100°C) (Thermistor-6.8K:-10~100°C) (Thermistor-4.7K:-10~100°C) (Thermistor-3.3K:-20~100°C) (Thermistor-3K:-20~100°C) (Thermistor-2.7K:-20~100°C) (Thermistor-2.252K:-20~100°C) (Thermistor-2.1K:-30~100°C) (Thermistor-2K:-30~100°C)(Thermistor-1.5K:-40~100°C)(Thermistor-1K:-40~100°C)
Operation Temperature	-20 to +75°C
Degree Of Protection	IP20
Installation	35 mm DIN rail / Flush mounting
Dimension (W×H×D)	76.4*118.2*40.7 mm

Dimension

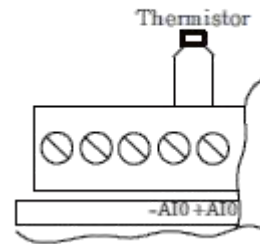


Unit: m

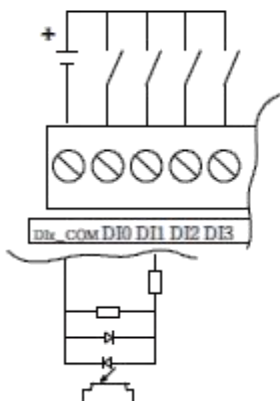
Wiring Diagrams & Pin Out



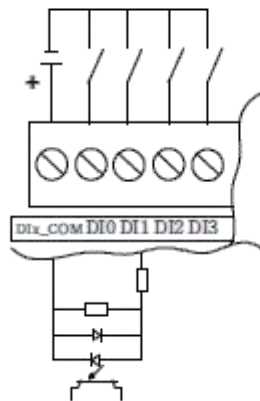
Thermistor Input



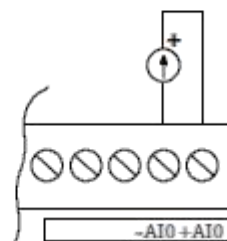
PNP Input



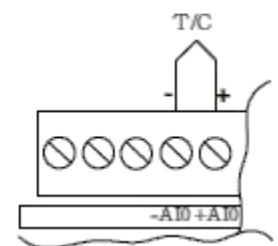
NPN Input



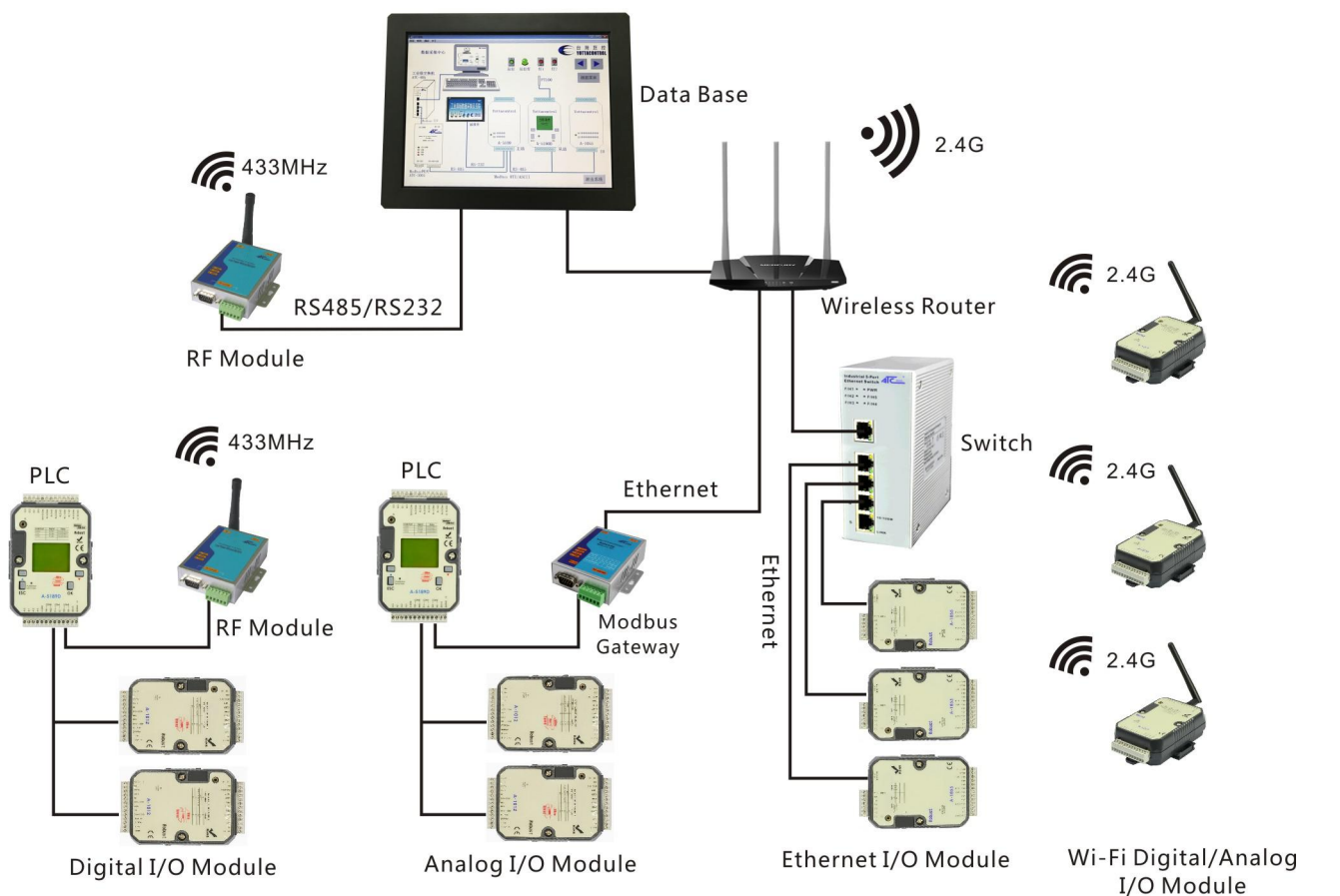
Current Input



Thermocouple Input



Application Diagram



Order Information

Model No	Description	Interface
A-1057	12DO, Source Output, DC Power Supply	RS-485
A-1058	12DO, Sink Output, DC Power Supply	RS-485
A-1068	8DO, Signal Relay Output, DC Power Supply	RS-485
A-1069	8DO, Power Relay Output, DC Power Supply	RS-485
A-1051	16DI, DC Power Supply	RS-485
A-1055	8DI/8DO, Sink Output, DC Power Supply	RS-485
A-1055S	8DI/8DO, Source Output, DC Power Supply	RS-485
A-1060	8DI/4DO, Power Relay Output, DC Power Supply	RS-485
A-1010	8AI(0~10V,10bit)/8AO(0~10V,10bit)/4DO(sink)	RS-485
A-1012	ADIO Remote Modules, LED indicator, DC Power Supply, 2DI, 4AI(0~20/4~20mA + PT-100/1000), 2AO(0~20/4~20mA), 2DO(Transistor)	RS-485*1 USB*1
A-1019	ADIO Remote Modules, LED indicator, DC Power Supply, 4DI, 8AI(0~20/4~20mA,J,K,T,E,R,S,B,Thermistor)	RS-485*1 USB*1

Contact us

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