

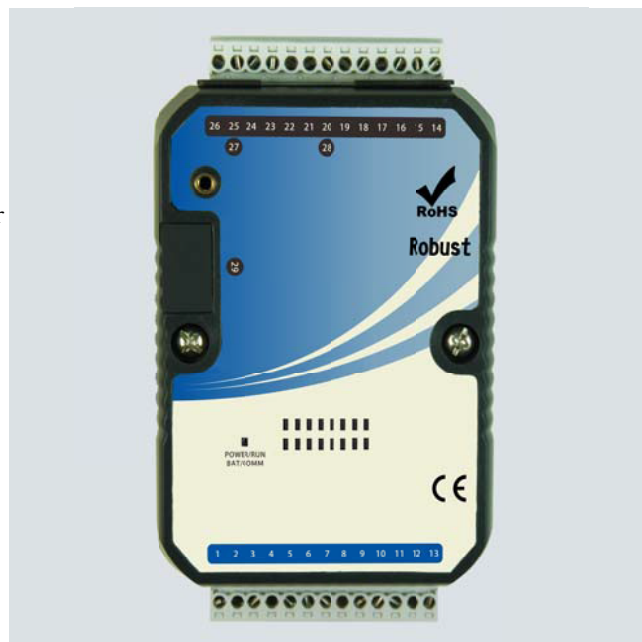
Isolation Remote Modules

Isolation RS-485 Analog I/O Remote Modules

A-1019+

OVERVIEW

- ※ Analog Input 16-bit Resolution
- ※ Isolation Analog Input
- ※ Support Analog Input 0/4 ~20mA
- ※ Isolation Digital Input / Digital Output
- ※ Support J, K, T, E, R, S, B Thermocouple
- ※ Support 10K/6.8K/4.7K/3.3K/2.7K/2.252K/2.1K/2K/1.5K/1K Thermistor
- ※ Burn-out Detection
- ※ Isolation RS-485 Interface
- ※ Hi-Speed RS-485 Interface (Max 115200bps)
- ※ Supports Modbus RTU / ASCII
- ※ LED Indicator
- ※ Operation Temperature -20~+75°C
- ※ Isolation Voltage: 3500 VDC
- ※ Surge , EFT And ESD Protection
- ※ Dual Watchdog Timer
- ※ Low Power Indicator
- ※ Operation Range: Up To 1200 Meters
- ※ Free PC Software “Yotta Utility”



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

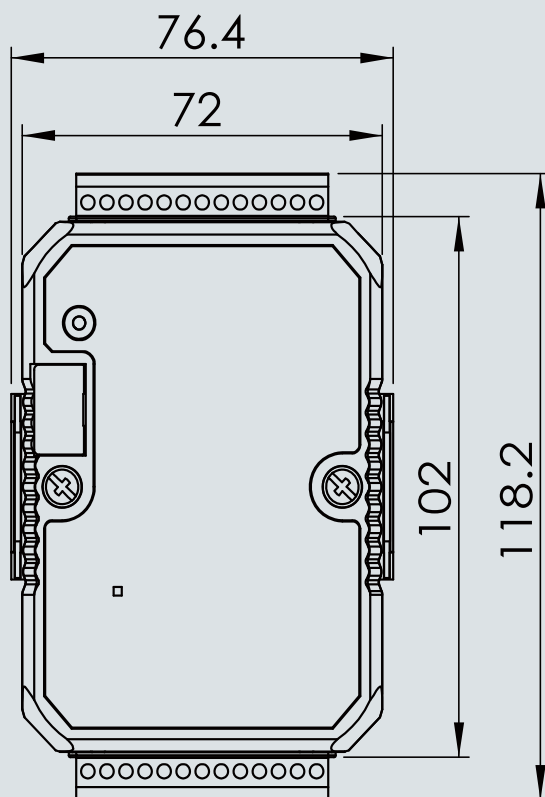
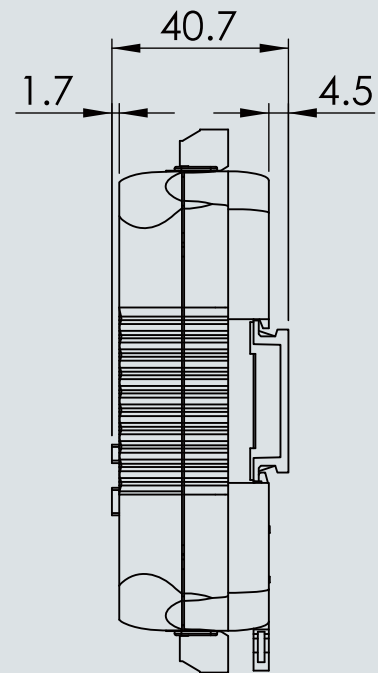
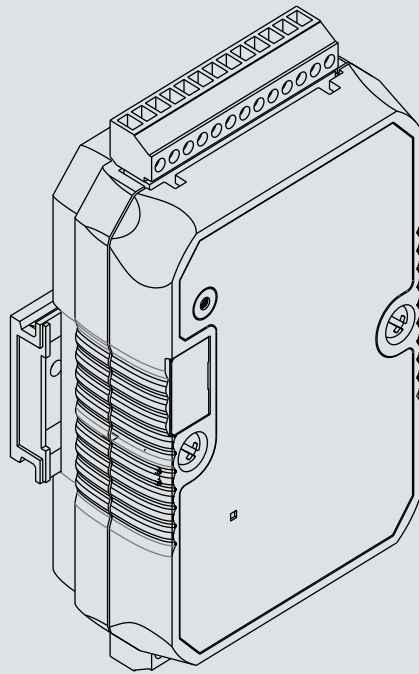
Type	A-1019+
	ADIO
Operation Voltage	10-30VDC/24VAC
Inputs (Isolation)	4*Isolation DI status low:<1VDC status high:>8-30VDC
Outputs (Isolation)	---
Continuous Current	---
Communication Baud Rate	2400-115200bps
Isolation	YES(3500VDC)
Input Operating Frequency	10HZ
Output Operating Frequency	Transistor:10HZ
Operation Temperature	-20 to +75 °C
Degree Of Protection	IP20
Installation	35 mm DIN rail or Flush mounting
Dimension (W x H x D mm)	76.4*118.2*38.5 mm
Analog Inputs	8 (16-bit)
Analog Input Type	0/4~20mA, J, K, T, E, R , S, B, Thermistor (-100 ~ +1800°C)
Analog Outputs	---
Analog Output Type	---
Input Impedance	Current: 100 Ω Voltage : 10 MΩ
Analog Input / Output Accuracy	±0.1% / ---
Interface	RS-485
Channel Independent Configuration	YES
Sampling Rate	10 sample/second (total)
CMR @ 50/60 Hz	120 dB
Span Drift	±50 ppm/°C
Zero Drift	±18 μV/°C
Temperature Ranges	(J:0-760°C) (K:0-1,370°C) (T:-100-400°C) (E:0-1,000°C) (R:500-1,750°C) (S:500-1,750°C) (B:500-1,800°C) (Thermistor-10K-T2:0-100°C) (Thermistor-10K-T3:0-100°C) (Thermistor-6.8K:0-100°C) (Thermistor-4.7K:0-100°C) (Thermistor-3.3K:0-100°C) (Thermistor-3K:0-100°C) (Thermistor-2.7K:0-100°C) (Thermistor-2.252K:0-100°C) (Thermistor-2.1K:0-100°C) (Thermistor-2K:0-100°C) (Thermistor-1.5K:0-100°C) (Thermistor-1K:0-100°C)

Dimension

Remote Modules

Remote Modules

Dimension



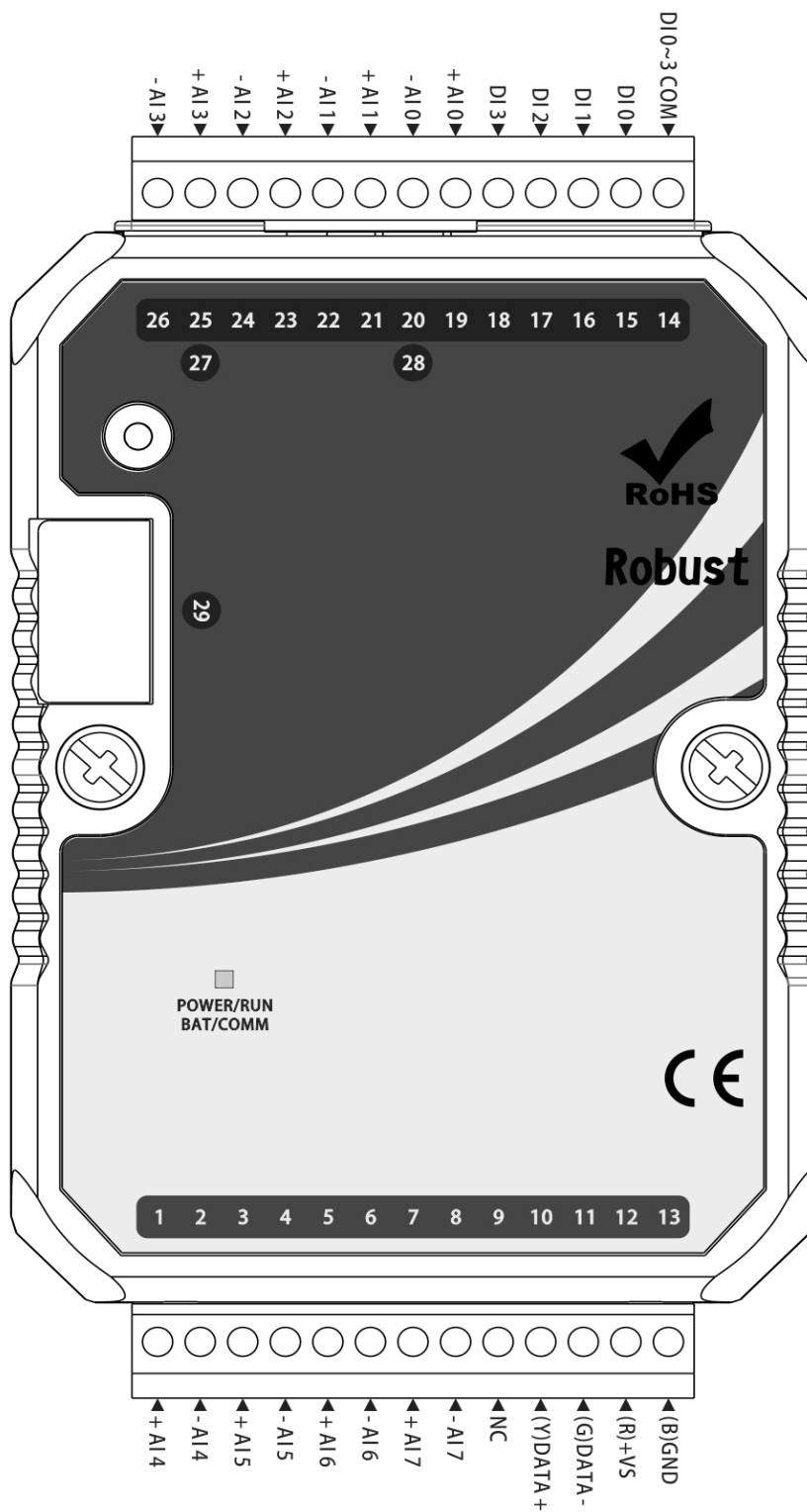
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Pin Assignments

Remote Modules

Remote Modules

Pin Table



Function	
1	+ AI 4
2	- AI 4
3	+ AI 5
4	- AI 5
5	+ AI 6
6	- AI 6
7	+ AI 7
8	- AI 7
9	NC
10	(Y)DATA +
11	(G)DATA -
12	(R)+VS
13	(B)GND
14	DI 0~3 COM
15	DI 0
16	DI 1
17	DI 2
18	DI 3
19	+ AI 0
20	- AI 0
21	+ AI 1
22	- AI 1
23	+ AI 2
24	- AI 2
25	+ AI 3
26	- AI 3
27	NC
28	NC
29	NC

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