

模拟量输入/输出模块

*使用本品前，请仔细阅读使用说明书



Chinese Manuals

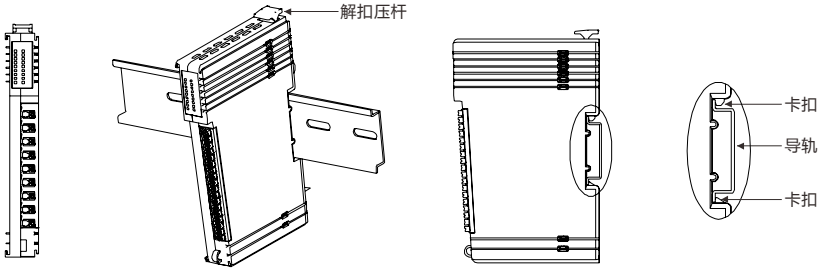
使用安全注意事项：

- 使用时注意不要超过额定电压，否则会造成破裂和烧损等不可预计的后果。
- 接线线缆请与高压线和动力线分开布线。
- 请严格按照接线图正确接线，以免造成安全事故。
- 本产品在易燃、易爆、易腐蚀环境下使用时，请配备相应的IP等级控制柜。
- 请不要私自拆机、修理、改造本产品。

类型和规格			
类型和规格	UT-5100-AI4	UT-5100-AI8	UT-5100-AO4
通道数	4通道电压/4通道电流输入	8通道电压/8通道电流输入	4通道电流输出和4通道电压输出
输入范围	电压输入：±10Vdc/±5Vdc/ 0~5Vdc/0~10Vdc 电流输入：0~20mA/4~20mA	电压输入：0~5Vdc/0~10Vdc 电流输入：0~20mA/4~20mA	电压输出：±10Vdc/±5Vdc/ 0~5Vdc/0~10Vdc 电流输出：0~20mA/4~20mA
功率	5V/60mA(max)	5V/60mA(max)	5V/60mA(max)
分辨率	23 Bit	23 Bit	16 Bit
采样/转换速度	160SPS	160SPS	160SPS
保护电压	12Vdc	12Vdc	电流30Vdc，电压12vdc
工作温度	-40~85℃	-40~85℃	-40~85℃
工作环境湿度	5%-95%(无冷凝)	5%-95%(无冷凝)	5%~95% RH(无冷凝)
防护等级	IP30	IP30	IP30

类型和规格			
类型和规格	UT-5100-TC4	UT-5100-RTD4	
通道数	4通道	4通道	
输入类型	热电偶(J/K/E/T/S/R/B/N)	PT100/PT200/PT500/PT1000	
功率	5V/60mA(max)	5V/75mA(max)	
分辨率	23 Bit	23 Bit	
采样速度	32SPS	32SPS	
保护电压	12Vdc	12Vdc	
工作温度	-40~85℃	-40~85℃	
工作环境湿度	5%~95% RH(无冷凝)	5%~95% RH(无冷凝)	
防护等级	IP30	IP30	

安装注意事项



- 模块插入导轨，直到模块紧贴导轨
- 压紧卡口，确保卡扣完全压住导轨贴图

Analog input/output module

*Please read the instructions carefully before using this product



English Manuals

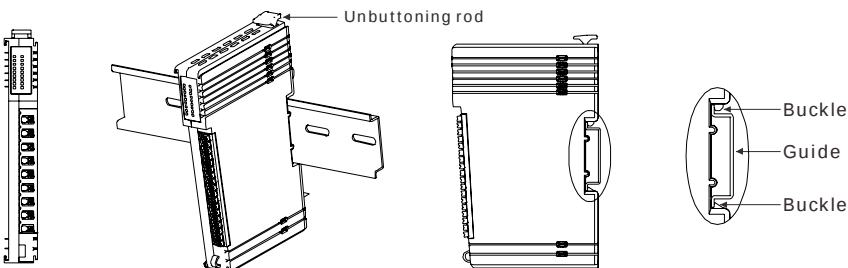
Notes:

- Not to exceed the rated voltage when using, otherwise it will cause unpredictable consequences such as rupture and burning.
- Route cables separately from high-voltage cables and power cables.
- Connect cables correctly according to the wiring diagram to avoid accidents.
- When this product is used in flammable, explosive and corrosive environment, please equip the corresponding IP level control cabinet.
- Please do not disassemble, repair or transform this product by yourself.

Specification			
Spec	UT-5100-AI4	UT-5100-AI8	UT-5100-AO4
Channel	4-ch voltage/4-ch current input	8-ch voltage/8-ch current input	4-ch current output & 4-ch voltage output
Input range	Voltage input: ±10Vdc/±5Vdc/ 0~5Vdc/0~10Vdc Current: 0~20mA/4~20mA	Voltage input: 0~5Vdc/0~10Vdc Current: 0~20mA/4~20mA	Voltage input: ±10Vdc/±5Vdc/ 0~5Vdc/0~10Vdc Current output: 0~20mA/4~20mA
Power	5V/60mA(max)	5V/60mA(max)	5V/60mA(max)
Resolution	23 Bit	23 Bit	16 Bit
Sampling/convertng speed	160SPS	160SPS	160SPS
Protect voltage	12Vdc	12Vdc	Current 30Vdc,voltage 12vdc
Working temperature	-40~85℃	-40~85℃	-40~85℃
Working humidity	5%-95%(non-condensing)	5%-95%(non-condensing)	5%~95% RH(non-condensing)
Protection level	IP30	IP30	IP30

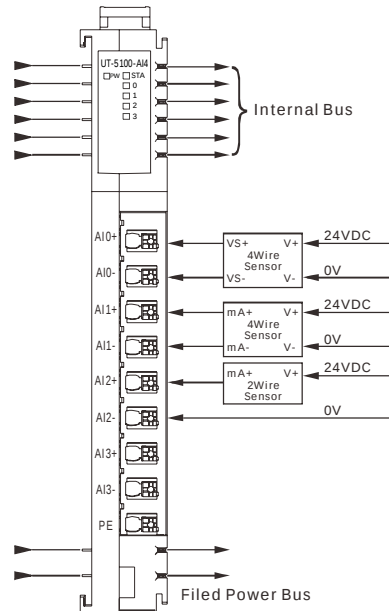
Specification			
Spec	UT-5100-TC4	UT-5100-RTD4	
Channel	4 channels	4 channels	
Input type	Thermocouple(J/K/E/T/S/R/B/N)	PT100/PT200/PT500/PT1000	
Power	5V/60mA(max)	5V/75mA(max)	
Resolution	23 Bit	23 Bit	
Sampling speed	32SPS	32SPS	
Protect voltage	12Vdc	12Vdc	
Working temperature	-40~85℃	-40~85℃	
Working humidity	5%~95% RH(non-condensing)	5%~95% RH(non-condensing)	
Protection level	IP30	IP30	

Installation notes

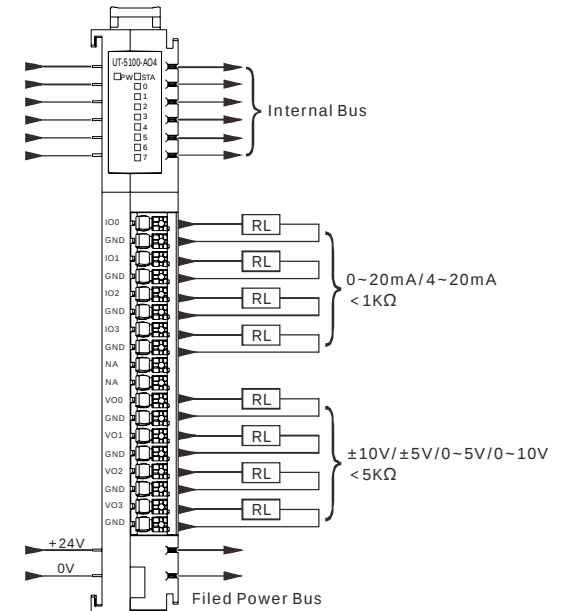


- Insert the module into the din rail until the module is close to it.
- Press the bayonet firmly to ensure that the buckle fully presses the din rail.

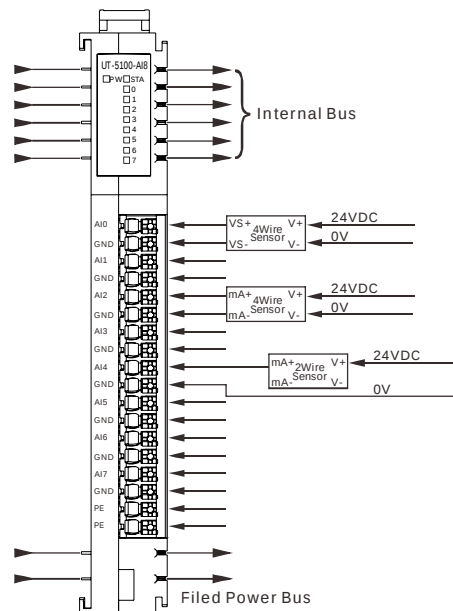
UT-5100-AI4



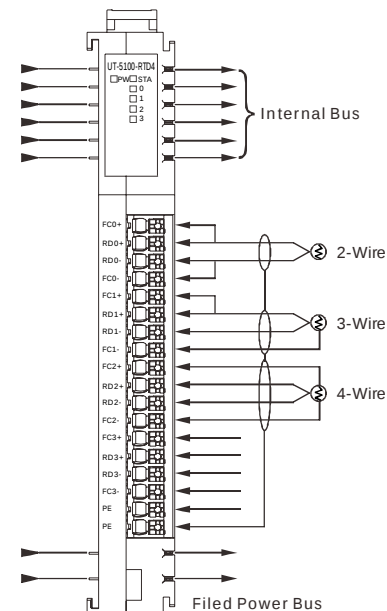
UT-5100-AO4



UT-5100-AI8



UT-5100-RTD4



UT-5100-TC4

