

户外机柜交流空调器-N系列

Outdoor Cabinet AC Air Conditioner-N Series



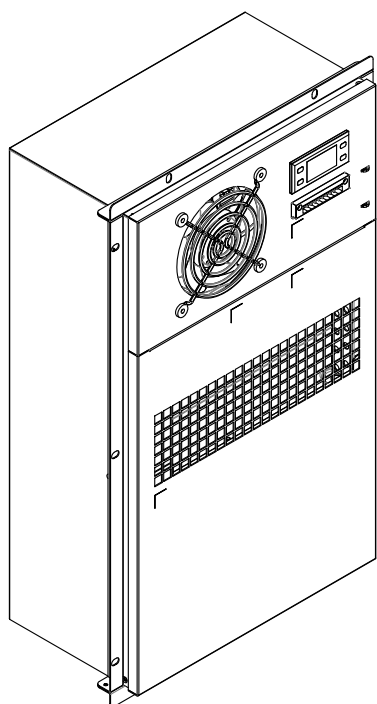
产品简介

应用范围

- 本产品广泛应用于户外通讯机柜、电池柜、电气柜、工业控制柜等需要散热的场合。

设计专长

- 实现遥测、遥信、遥调，可实现多重自动保护和全面的故障自诊断功能；
- 精湛工艺及高质量知名配件确保产品更加稳定可靠；
- 适合T3高温工况、R134a环保制冷剂；
- 多重保护功能、可视化人机界面、RS485接口 (MODBUS-RTU) ；
- LED数码管显示，现场参数可设置；
- 带有冷凝水蒸发功能；
- 干接点告警输出，常开/常闭可选；



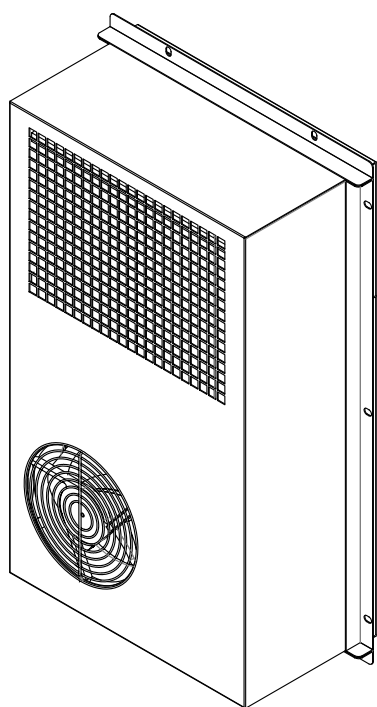
Product Introduction

Range of application

- This series product can be widely used in enclosed area for climate control, such as wireless communication cabinet, battery cabinet, industry control cabinet etc;

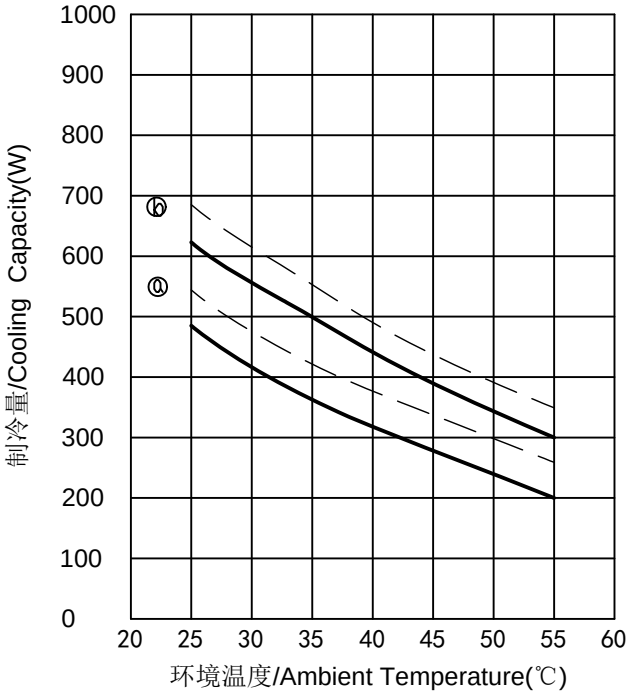
Product Design Feature

- Remote measuring, remote communication, remote control, which can realize multiple automatic protection and comprehensive self-testing function;
- Strict process control and famous components to ensure high quality and reliability of this product;
- Fit for harsh condition (T3), R134a refrigerant ;
- Multiple self-protection design & visible monitoring interface, RS485 communication port (MODBUS-RTU protocol);
- LED display, all the settings can changed at the field;
- The condensate water evaporation function is used;
- Dry contact alarm output, NO/NC optional;



产品名称	Name	户外机柜空调器/Outdoor Cabinet Air Conditioner
型号	Model	1194322
固定方式	Mounting Method	侧装/Side Mounting
电源	Power Supply	230VAC±15% 50Hz/60Hz
启动/额定电流	Starting / Rated Current	7A / 0.95A
前置保险丝电流	Pre Fuse Current	5A
制冷量	Cooling Capacity	500W@L35/L35
功耗	Power Consumption	210W@L35/L35
制冷量	Cooling Capacity	300W@L35/L55
功耗	Power Consumption	260W@L35/L55
内循环风量	Internal Airflow	120 m³/h
工作温度范围	Working Temperature Range	-15℃~+55℃
最大噪音	Max Noise Level	60dB(A)
IP等级	IP Grade	IP55
净重	Net Weight	15kg
制冷剂	Refrigerant	R134a
外形尺寸	Dimensions	550x320x175(mm,HxWxD)
CE和环保	CE&RoHS Compliant	符合/YES
表面处理	Surface Treatment	Outdoor type powder coating,standard color: RAL7035
冷凝水蒸发盒	Integrated Condensate Evaporation	有/YES

冷量曲线/Cooling Capacity Chart

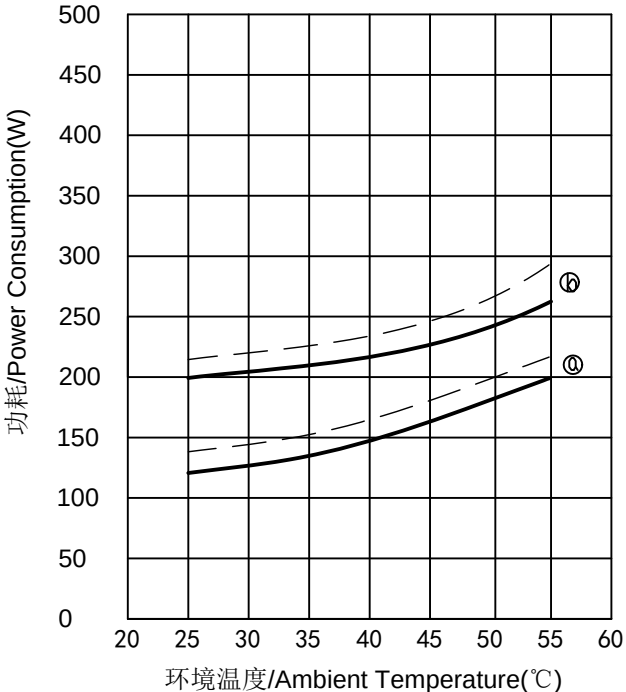


柜内温度
 Cabinet Inside Temperature

①----25℃
 ②----35℃

— 50Hz
 - - 60Hz

功耗曲线/Power Consumption Chart

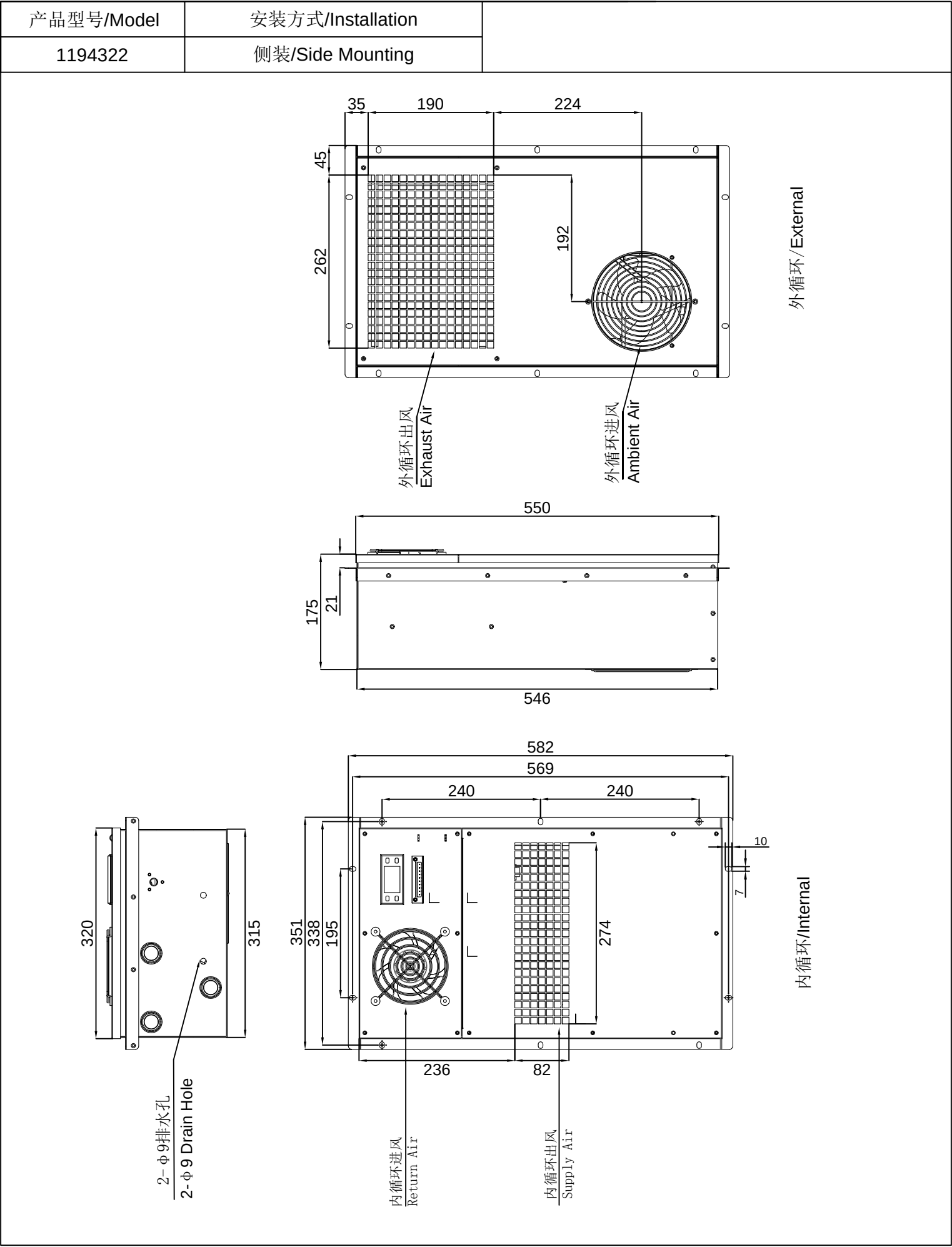


柜内温度
 Cabinet Inside Temperature

①----25℃
 ②----35℃

— 50Hz
 - - 60Hz

外形尺寸 / Product Dimension



产品型号/Model	安装方式/Installation	
1194322	侧装/Side Mounting	

图1-柜门开孔尺寸
 Figure 1-Cabinet Door Cutting Dimension

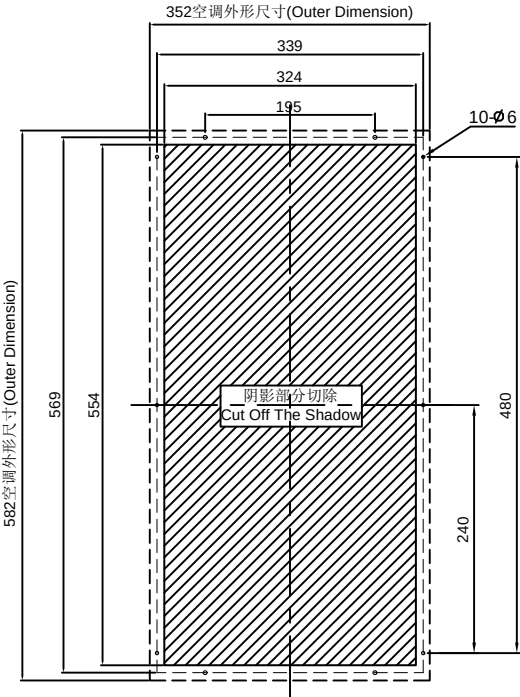


图2-防护罩建议结构
 Figure 2-Air open design of protection cover

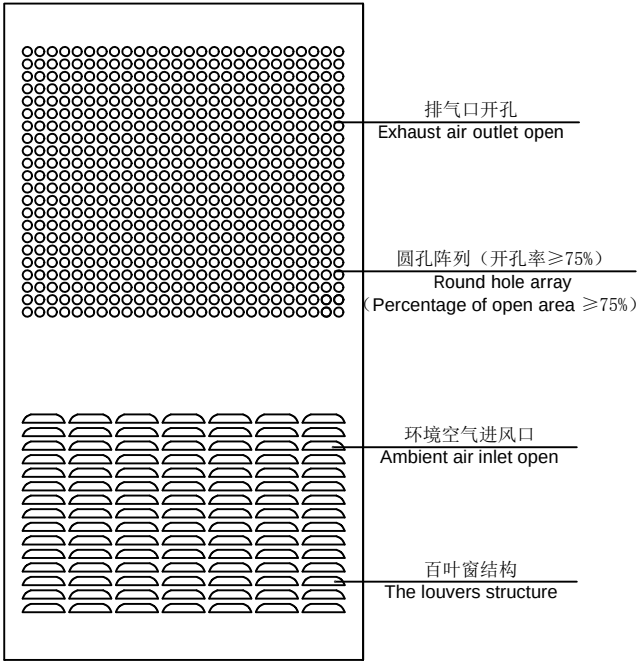
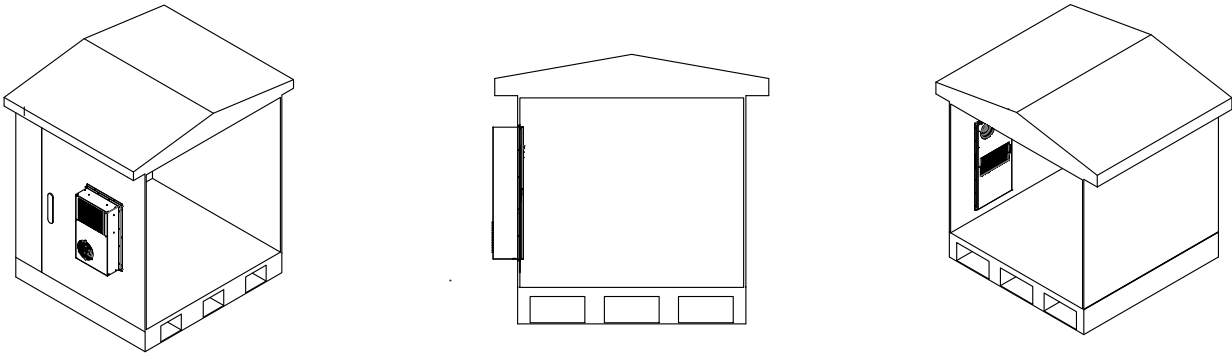


图3-安装示意图
 Figure 3-Installation Instruction



注意：

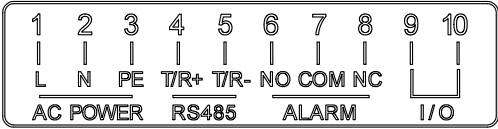
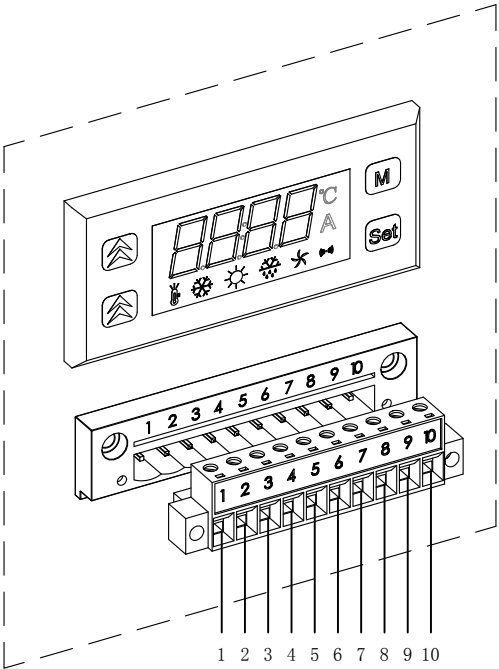
本系列空调安装防护罩请遵循以下规则：

1. 防护罩由客户自备, 防护罩的设计请参考图2;
2. 防护罩进风口和出风口开孔面积应足够大, 以确保足够的循环风量, 这对于延长空调的使用寿命和减少维护频率非常的重要;
3. 防护罩的进出风口应该防止气流短路, 以便空调可以获得最佳的冷却效果。

Attention:

When you install a protection cover for this series air conditioner , please follow the rules below:

- 1.The protection cover can be made by customer self, the design of protection cover please refer to figure 2
2. The inlet and outlet open for ambient air in and exhaust air out should be big enough to ensure enough air volume circulation. This is very important to have the air conditioner running with long lifetime and less service.
3. When you make a protection cover design/installation, make sure the inlet air and outlet air not been short cut, this is also critical to keep unit have best cooling performance.



手操器使用说明:

在正常情况下，手操器显示柜内温度。告警时显示告警代码；

手操器底部为状态栏，不同的指示灯代表不同状态：

- 🔦：闪烁表示空调处于自检状态或温度设置状态；
- ❄️：闪烁表示空调即将进行制冷；常亮表示空调正在进行制冷；
- ☀️：常亮表示空调正在进行制热；
- ✳️：常亮表示外风机正在运行；
- 🔊：闪烁表示有告警发生；

Instructions of display panel:

The display panel shows cabinet temperature under normal circumstance. and shows alarm code when there is a malfunction.

In the bottom is the status bar, different lamp represents different status.

- 🔦：Flashing when self diagnose or temperature setting mode.
- ❄️：Lamp on when cooling;
- ☀️：Lamp on when heating;
- ✳️：Lamp on when external fan is running;
- 🔊：Flashing when alarm.

序号 / Number	符号 / Symble	定义 / Definition	描述 / Description
1	L	交流电源火线 Live line of AC power	/
2	N	交流电源零线 Neutral line of AC power	/
3	PE	交流电源地线 Ground wire of AC power	/
4	TR/+	RS485通讯 485 communication	/
5	TR/-		/
6	NO	干接点告警常开端口 Normal open port of dry contract alarm output	干接点告警： 6、7端口：干接点告警常开状态； 7、8端口：干接点告警常闭状态。 Dry contact alarm: Pin 6&7: Normal open Pin 7&8 :Normal closed
7	COM	干接点告警公共端口 Common port of dry contract alarm output	
8	NC	干接点告警常闭端口 Normal closed port of dry contract alarm output	
9	I/O	外部控制输入端口 External signal input port	外部控制输入接口:接受外部控制信号来控制空调。 External singal input port: Accept external control signal to control the air conditioner.
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