

威 佳

威佳电气，  
每位工程师的专业选择！

# UE-VAF011050

Product Introduction



使用产品前请仔细阅读本使用说明，并请妥善保管

## 1 产品概述

### Product Description

温度控制器 VAF011050

该温度调节器特别适用于控制风扇、加热装置和热交换器，也可以作为信号发生器用于监控控制机柜内部温度。

The temperature regulator is especially suitable for controlling fans, heating devices and heat exchangers, and can also be used as a signal generator to monitor the internal temperature of the control cabinet.

#### 1.1 产品参数 Product Parameters

|   |  |
|---|--|
| 产品重量<br>Product Weight                                    | 90g  |
| 产品尺寸<br>Product Size                                      | 69mm*50mm*46mm                               |
| 温控范围<br>Temperature Range                                 | -10°C ~ 50°C                                 |
| 切换温度公差<br>Switching Temperature Tolerance                 | 7K±4K  |
| 最大切换容量<br>Maximum Switching Capacity                      | 250V / AC, 10(2)A / 120V AC, 15(2)A / DC 30W |
| 导轨安装<br>DIN-Rail Mounting                                 | 35mm   |
| 操作 / 存储的温度范围<br>Temperature Range for Operation / Storage | -20°C ~ +80°C                                |

本温控器为单通道且为常开控制回路：

1. 常开触点：常用于监控过滤器风扇，热交换器或当温度超过设定数值时闭合电路输出信号；
2. 常闭触点：常用于连接加热器，当温度达到设定数值时断开线路。

The thermostat is a single channel and normally open control loop:

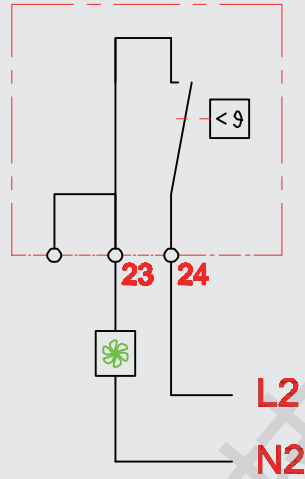
1. Normally open contacts are often used to monitor filter fans, heat exchangers or close circuit output signals when the temperature exceeds the set value;
2. Normally closed contact: it is commonly used to connect heater, and disconnect the line when the temperature reaches the set value.

## 1.2 注意事项 Attention

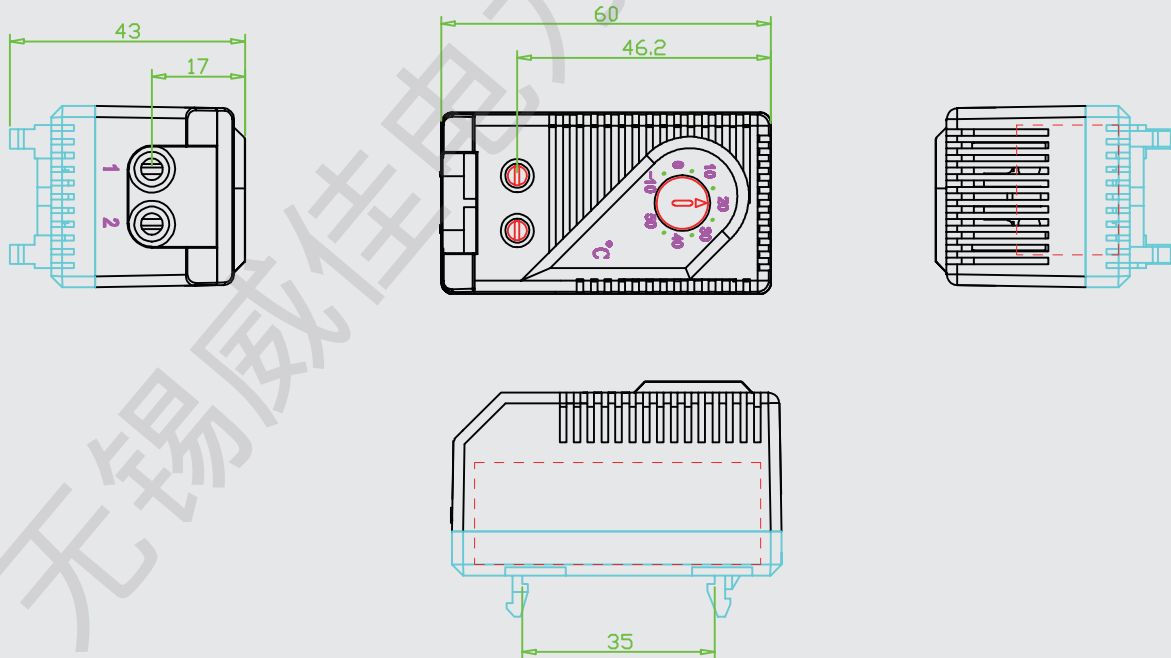
- ▶ 安装，使用前请检查外观以及附件有无损伤确实，核对型号是否一致；
- ▶ 可靠接地，无松动现象，否则会引起故障和人身事故；
- ▶ 接通电源前，检查是否可靠安装，否则会引起损坏；
- ▶ 严禁冲洗，露天淋雨，以及在不符合要求的环境中使用；
- ▶ 特殊定制的产品，如需作为约定工况之外的其它用途使用，使用前请先咨询本公司技术人员，确认后  
方可使用；
- ▶ 设备安装时注意检查插线口，是否有掉入的杂物，必须要将内部清理干净。
- ▶ Before installation and use, please check the appearance and accessories for damage, and check  
whether the models are consistent
- ▶ Reliable grounding, no loosening phenomenon, otherwise it will cause fault and personal accident;
- ▶ Before connecting the power supply, check whether it is installed reliably, otherwise it will cause  
damage;
- ▶ It is strictly forbidden to wash, rain in the open air, and use in the environment that does not meet  
the requirements;
- ▶ For special customized products, if they need to be used for other purposes other than the agreed  
working conditions, please consult the technical personnel of our company before use;
- ▶ When installing the equipment, pay attention to check whether there are falling debris in the socket,  
and clean the interior.

## 2 原理图

### Schematic Diagram



## 2D 图纸 2D Drawing



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