威 佳

威佳电气，
每位工程师的专业选择！

UE-THC020240

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 THC020240

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

产品尺寸 Product Size	67mm*50mm*46mm
温控范围 Temperature Range	-20°C ~ 40°C
温度误差 Temperature error	±4K
回差值 Regression value	7K (例 : 控制器设定值为 25° C，环境温度上升超过设定值后，触点变化，环境温度下降至 18±4° C，触点恢复)
最大切换容量 Maximum Switching Capacity	250V / AC,10A / 120V AC,15A / DC 30W
最小负载能力 Minimum Load Capacity	250V0.2A，120V0.2A(AC)，30W(DC)
导轨安装 DIN-Rail Mounting	35mm
工作 / 存储温度范围 Operating/Storage Temperature Range	-45°C ~ +80°C
盐雾等级 Salt Spray Grade	根据 ISO 9227 标准，中性盐雾实验要求 16h
防护等级 Protection Class	ip20

PS：一个温控器含有两个温度设定：

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。

PS: One thermostat has two temperature settings:

1. Normally open contact: it is often used to monitor the filter, fan, heat exchanger or close the circuit output signal when the temp erature 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.

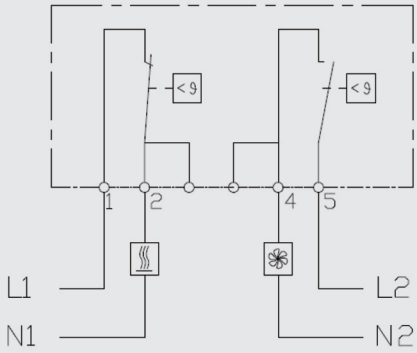
1.2 注意事项 Attention

- 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，以及在不符合的要求的环境中使用；
- 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。

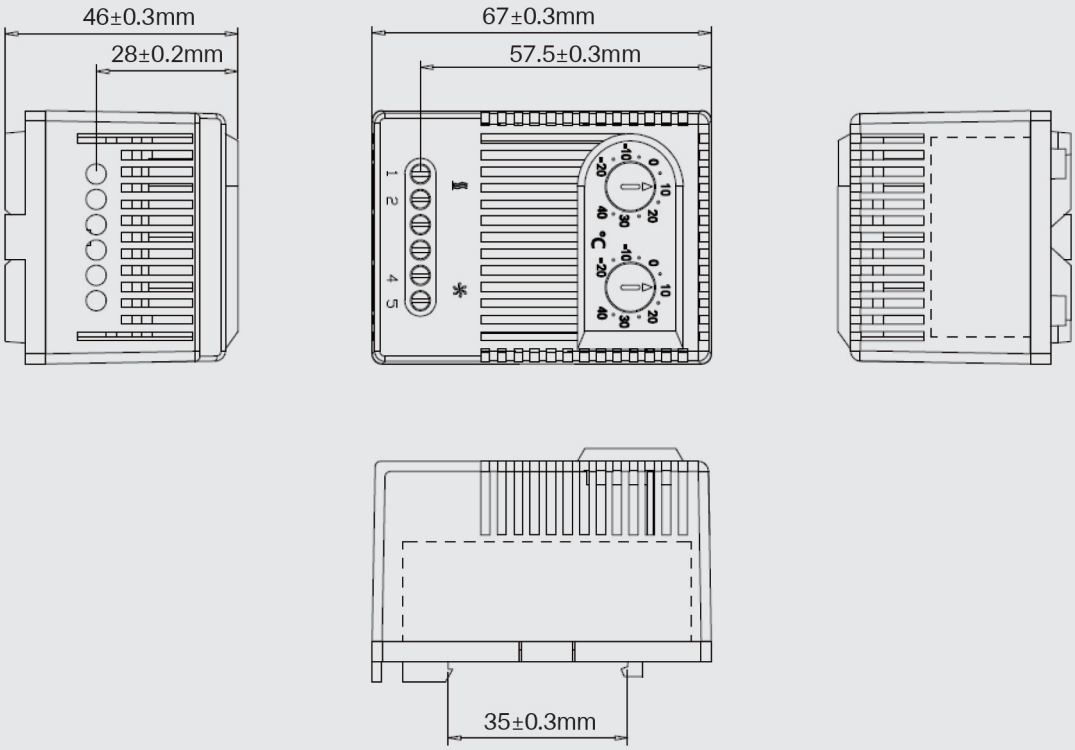
- Before installation and use, please check the appearance and accessories for damage, and check whether the models are consistent
- Reliable grounding, no loosening phenomenon, otherwise it will cause fault and personal accident;
- Before connecting the power supply, check whether it is installed reliably, 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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Vaule Plus,
Professional Choice for Each Engineer!

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