

威 佳

威佳电气,
每位工程师的专业选择!

UE-VAH124090

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

湿度控制器 VAH124090。该湿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湿度。

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

1.1 产品参数 Product Parameters

温度误差 Temperature Difference	± 3%
回差值 Regression value	4%(例：控制器设定值为 50%，环境湿度上升超过设定值后，触点变化，环境湿度下降至 46% ± 3%，触点恢复)
触点类型 Contact Type	转换触点 Change Over Contact
气流速度 Air Velocity	15m/sec
使用寿命 Service Life	100000 循环 100000 Cycles
EMC	ACC.T0 EN55014-1-2, EN61000-3-2, EN61000-3-3
接线方式 Connection Mode	3 极线端子, 夹紧扭矩最大 0.5Nm; 刚性线 2.5, 铜绞线 1.5 The maximum clamping torque of 3-pole terminal is 0.5nm; Rigid wire 2.5, copper strand 1.5
安装方式 Installation Method	35 毫米 DIN 导轨 35mm DIN Rail
外壳材料 Shell Material	UL94V-0 塑料, 浅灰色 Plastic, Light Grey
外观尺寸 Appearance Size	67*57*38mm
重量 Weight	60g
安装场合 Installation Occasion	任意 Arbitrarily
操作, 储存环境 Operation and Storage Environment	0°C ~ 60°C, -20°C ~80°C
工作湿度 Working Humidity	35%RH-95%RH
工作温度 Working Temperature	0°C ~80°C
最小负载能力 Minimum Load Capacity	250V0.2A, 120V0.2A(AC), 30W(DC)
防护等级 Protection Class	ip20

1.2 环境要求 Environmental Requirements

工作环境温度范围 (Working environment temperature range) : $0^{\circ}\text{C} \sim +80^{\circ}\text{C}$

工作环境湿度范围 (Working environment humidity range) : $> 65\%$

运输储存的温度范围 (Temperature range for transportation and storage) : $-20^{\circ}\text{C} \sim +80^{\circ}\text{C}$

运输储存的湿度范围 (Humidity range for transportation and storage) : $< 50\%$

贮存场所通风良好, 空气中不得含有腐蚀性气体。

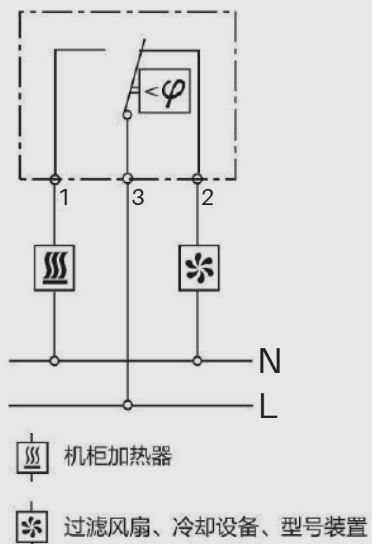
The storage place shall be well ventilated and the air shall not contain corrosive gas.

1.3 注意事项 Attention

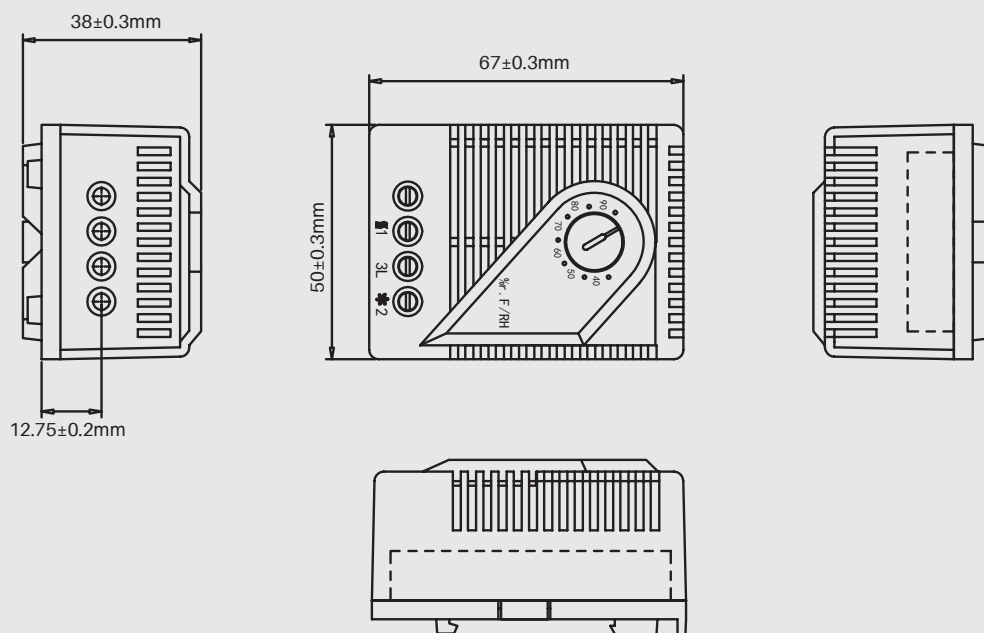
- ▶ 安装, 使用前请检查外观以及附件有无损伤确实, 核对型号是否一致:
- ▶ 可靠接地, 无松动现象, 否则会引起故障和人身事故;
- ▶ 接通电源前, 检查是否可靠安装, 否则会引起损坏;
- ▶ 严禁冲洗, 露天淋雨, 以及在不符合的要求的环境中使用;
- ▶ 特殊定制的产品, 如需作为约定工况之外的其它用途使用, 使用前请先咨询本公司技术人员, 确认后方可使用;
- ▶ 设备安装时注意检查插线口, 是否有掉入的杂物, 必须要将内部清理干净。
- ▶ Before installation and use, please check the appearance and accessories 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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Product Introduction

Vaule Plus,
Professional Choice for Each Engineer!

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