

Product data sheet

Specifications



Automatic humidity controller , Electronic sensing element ,35mm DIN rail installation , CE RoHS , IP20 , ABS , 3A (600W)

Model number: JSK0013

Order number: 2021.011

Technical Parameters

Rated working voltage: 230/115/60/48/24V (AC)

60/48 /24V (DC)

Sensing Element: Electronic

Maximum current of output terminal load:3A (600W)

Maximum switching capacity: 3A/ AC, 230V

Switching tolerances: 4%RH(±3%)

Allow air velocity: 15 m/s

Safety certification: CE RoHS

Protection level: IP20

Electrical connection: Four position pressure wire terminal, standard wire 0.5~2.5mm²

Installation requirements:	35mm DIN rail installation
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Operating/Storage Temperature:	0°C~+80°C
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Materials

Product shell:	ABS
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Product Description

1. Mechanical and electrical humidity controller is a device designed specifically for environmental humidity control, which can accurately detect and adjust the relative humidity level in a specific space. When the relative humidity inside the cabinet exceeds the preset value (such as 65%), the controller will automatically activate the response mechanism. Specifically, in this case, the controller will turn on the circuit connected to the heater, causing the heater to start working to increase the temperature inside the cabinet.

2. By raising the ambient temperature, the maximum moisture content in the air can be effectively reduced, as the saturated vapor pressure increases with temperature, thereby promoting faster evaporation of moisture in the air and achieving the goal of reducing relative humidity. In this way, it is possible to prevent electronic components from being affected by moisture, corrosion, and insulation performance degradation caused by high humidity in humid environments, ensuring that important equipment such as electrical control cabinets maintain suitable and stable operating conditions inside.

3. When the air humidity is lower than the set value, output 3 is closed; When it exceeds the set value, output 4 is closed.

Product drawings

