

Product data sheet

Specifications



Automatic temperature controller ,
Bimetallic sheet ,35mm DIN rail
installation , CE RoHS , IP20 , ABS ,
0°C~+60°C

Model number: JSK0012

Order number: 2021.010

Technical Parameters

Rated working voltage:	230/115/60/48/24V (AC) 60/48 /24V (DC)
Inductive element:	Bimetallic sheet
Electric shock configuration:	Single stage conversion electric shock as an instantaneous switching element
Maximum switching capacity:	250V AC, 10(2)A 120V AC, 15(2)A DC 30W
Temperature Adjustment Range	0°C~+60°C
Switch difference:	Approximately 7K ± 4K

Safety certification:	CE RoHS
Protection level:	IP20
Electrical connection:	Four position pressure wire terminal, standard wire 0.5~2.5mm ²
Installation requirements:	35mm DIN rail installation
Operating/Storage Temperature:	-5°C~+80°C

Materials

Product shell:	ABS
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Product Description

A thermostat has two temperature setting points, corresponding to the functions of normally open contact (NO) and normally closed contact (NC):

1. Normally Open (NO): In the normal operating state of the thermostat, when the temperature rises to the preset value, the normally open contact will transition from the open state to the closed state. In your application case, this feature can be used to monitor the working status of filter fans or heat exchangers. For example, if the ambient temperature exceeds the pre-set safety threshold, the thermostat will close the normally open contacts, send a signal to activate the filtering fan to enhance heat dissipation, or notify the system to take other cooling measures to protect the equipment.

2. Normally Closed (NC): The normally closed contact is in a closed state before reaching the preset temperature; Once the temperature rises and reaches the set value, it will automatically disconnect the circuit. In this application scenario, this normally closed contact is usually associated with the heater and used to control the switch of the heater. Specifically, when the indoor temperature reaches the expected target, the thermostat will disconnect the normally closed contacts, thereby cutting off the power supply to the heater, preventing overheating, and achieving precise temperature control.

Product drawings

