

Product data sheet

Specifications



Heater , PTC Temperature Limiter ,
110-230VAC 50/60Hz , CE RoHS ,
IP20

Model number: JRQ75

Order number: 2020.005

Technical Parameters

Operating Voltage:	110-230VAC 50/60Hz
Heating Element:	PTC Temperature Limiter
Heat Output (at 20°C ambient):	75~80W
Maximum Inrush Current:	4 A
Operating Current:	0.31A
Surface Temperature:	120°C
Safety Certifications:	CE RoHS
Protection Class:	IP20
Electrical Connection:	3-position crimp terminal, standard wire 0.5~2.5mm ²
Installation Requirement:	Vertical
Operating/Storage Temperature:	-45°C~+70°C
Rail Thickness:	1.1mm

Materials

Crimp Terminal: PA66

Housing Material & Rail: Aluminum Alloy

Product Description

This heater model features the following characteristics:

1. **High-efficiency Heat Dissipation:** Leveraging the excellent thermal conductivity of aluminum alloy, it can quickly and uniformly transfer the heat generated by the heating wire to the entire internal space of the cabinet, achieving effective dehumidification and constant temperature control.
2. **Chimney Effect:** Through a well-designed body structure, natural convection is enhanced to form a chimney-like upward heat flow, which helps expel moisture from the cabinet and improves dehumidification efficiency.
3. **Stable & Reliable:** Aluminum profiles generally feature high strength, corrosion resistance, and light weight, ensuring the heater's long-term stable operation in harsh environments.
4. **Easy Installation:** The design of the terminal connector simplifies the connection process between the heater and the power cord, making installation more convenient and efficient, saving time and labor costs.

This type of heater is suitable for various electrical cabinet applications requiring a dry environment. Through intelligent adjustment, it ensures that the temperature inside the cabinet does not fall below the specified minimum limit, effectively protecting electrical components from moisture.

Product drawings

