



Y Series Thermal Fuse High Current Ceramic Thermal Fuse 10A 20A 30A 40A 250V

Our Product Introduction

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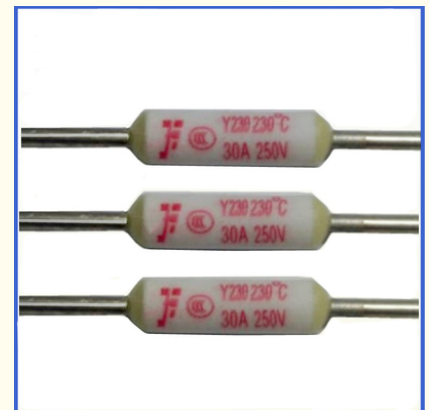
Basic Information

- Place of Origin: China DongGuang
- Brand Name: LinKun
- Certification: RoHS
- Model Number: Y Series
- Minimum Order Quantity: 1000PCS
- Price: Negotiation
- Packaging Details: 1000PCS/Bag
- Delivery Time: 5-7 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union
- Supply Ability: 100,000 pieces/month

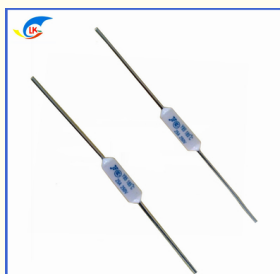
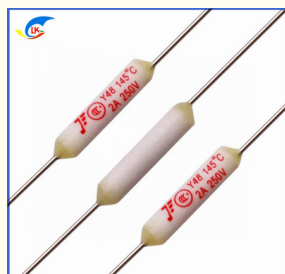


Product Specification

- Type: Thermal Cutoff Fuse
- Rated Current: 1A-40A
- Rated Voltage: 250V
- Case: Ceramic
- Shape: Resistor
- Lead Wire: Axial Lead
- Pin: Copper Wire
- Coating: Resin
- Application: Over-temperature Protection
- High Light: Ceramic Thermal Fuse 10A 20A 30A 40A
- Highlight: **High Current Ceramic Thermal Fuse, 40A Ceramic Thermal Fuse, 20A Thermal Cutoff Fuse**



More Images



Product Description

Product Description:

Electric Fan Motor Axial Ceramic Case Resistor Type Temperature Fuse Thermal Cutoff Fuse

Structure

The thermal fuse is composed of ceramic shell, low melting point alloy wire, special resin, pin copper wire and sealing resin.

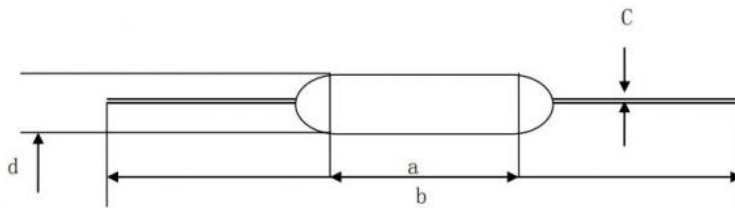
Appearance

The marking must be clear; the sealing resin should fill the mouth and it is acceptable; the lead tin-plated layer is good; there is no oxidized black spot damage; the shell has no damage marks, perforations, etc.

No.	Rated operating temperature Tf(°C)	Hold temperature Tc(°C)	Limit temperature Tm (°C)	Measured operating temperature (°C)	Rated voltage (V)	Rated current In(A)
Y20	115	87	150	112±3	250	2

Dimensions

a	b	c	d
9.5±0.5	80±5	0.5±0.2	2.5±0.1



Name	Thermal Fuse		Applicable Standards	
Test items	Unit	Safety standard	Testing equipment	
Action temperature detection	°C	+0 TF -10	thermotank	
High pressure test	V	1000+2 times the rated voltage	Withstand voltage tester	
Insulation resistance detection	MΩ	2	Digital Megger	
Internal resistance detection	Ω	0.028	Bridge resistance tester	
High pressure test after temperature check	V	500	Withstand voltage tester	
Insulation resistance test after temperature test	MΩ	0.2	Digital Megger	

Distortion detection	Each lead is bent 90° at a distance of 10mm from the thermal fuse, and then twisted in the opposite direction by 180° without damaging the components.	Manual operation
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Experimental Method

The experimental conditions are temperature 25±10°C, humidity 65±15%M

- 1 Action humidity accuracy: Rely on the IEC6091: 1995 inspection method and measure with the built-in silicone oil pool in the thermostat.
- 2 Size: Measure the finished product with a micrometer/vernier ruler.
- 3 Appearance: visual inspection.
- 4 Insulation resistance: Measure the finished product with SP-3A digital megohmmeter, and measure the voltage DC500V.
- 5 Withstand voltage: Use the ZNY-12 withstand voltage test to determine the finished product, which takes 1 minute.
- 6 Tensile force: Measure the finished product with a push-pull tester, and the pin bears 1.5 pounds of pulling force for 10 minutes without damaging the components.
- 7 Torsion: Bend the lead at 10mm at 90°C, and then reverse it at 180°C without damaging the component.

Test Requirements

1. Rated operating temperature (Tf): The temperature at which the thermal fuse is tested according to the standard method to change its conductive state. (The Japanese Electrical Appliances Management Law stipulates that the tolerance range is ±7°C for operation).
2. Measured operating temperature: The temperature fuse is heated in the silicone oil bath at a rate of 0.5-1°C per minute, and the fusing temperature obtained when the detection current is less than 100MA. It is the actual temperature of the thermal fuse.
3. Holding temperature (Tc): The maximum temperature at which the thermal fuse can maintain 168 hours without changing its conductive state when passing the rated current.
4. Limit temperature (Tm): The maximum temperature at which the thermal fuse can withstand 10 minutes without reconnection.
5. Rated voltage (Ur): The highest working voltage of the thermal fuse.

Thermal Cutoff Fuse: A Reliable and High Performance Solution

The Thermal Cutoff Fuse is a temperature sensitive circuit breaker that is designed to protect electrical appliances from overheating and potential fire hazards. It is a crucial safety device that is widely used in various electronic products, such as computers, televisions, air conditioners, and other household appliances.

Product Overview

The Thermal Cutoff Fuse is a small, yet powerful, device that is designed to interrupt the flow of electricity when the rated temperature is exceeded. It is made up of a thermal fuse interlock that consists of a temperature-sensitive metal or alloy strip, which is connected to two electrical leads.

Key Features

Rated Current: The Thermal Cutoff Fuse is available in two different rated currents - 10A and 16A, to cater to various electrical appliances' needs. It can handle high current loads without any risk of failure or damage.

Breaking Capacity: With its high breaking capacity, the Thermal Cutoff Fuse can safely interrupt the flow of electricity and prevent damage to the appliance or surrounding area.

Shape: The Thermal Cutoff Fuse comes in a resistor shape, making it easy to install and fit into different types of electronic products.

Rated Voltage: It is designed to work with a rated voltage of 250V, making it suitable for a wide range of electrical equipment.

Rated Temperature: The Thermal Cutoff Fuse has a rated temperature range of 76°C to 260°C, ensuring reliable protection against overheating in various applications.

Benefits

Longer Lifespan: The Thermal Cutoff Fuse has a longer lifespan compared to other safety devices, making it a cost-effective solution for protecting electrical appliances.

High Performance: It is designed to provide high performance and reliable protection, even in extreme temperatures.

Safe and Reliable: The Thermal Cutoff Fuse is a safe and reliable solution for preventing potential fire hazards caused by overheating in electronic products.

Conclusion

The Thermal Cutoff Fuse is a crucial safety device that offers reliable protection against overheating in electronic products. With its high breaking capacity, multiple rated currents and temperatures, and resistor shape, it can cater to various electrical appliances' needs. Its longer lifespan, high performance, and safety features make it an ideal choice for ensuring the safety and longevity of your electronic devices.

CURRENT FUSE



FUSE LINK AND FUSE BASE



AUTO FUSE



Features:

Product Name: Thermal Cutoff Fuse

Rated Voltage: 250V
 Shape: Resistor
 Breaking Capacity: High
 Rated Current: 10A, 16A
 Usage: Thermal
 Thermal Fuse
 Thermal Cutoff
 Thermal Safety Cutoff
 Temperature Sensitive Circuit Breaker

Technical Parameters:

Thermal Cutoff Fuse	
Case	Metal
Rated Temperature	76°C To 260°C
Breaking Capacity	High
Rated Voltage	250V
Size	62x4mm
Rated Current	10A 16A
Usage	Thermal
Shape	Resistor
Thermal Trip Device	Thermal Cutoff Switch
Thermal Fuse Interlock	

Applications:

Thermal Safety Cutoff - LinKun
 Brand Name: LinKun
 Model Number: RY RYB Series
 Place of Origin: China DongGuang
 Rated Temperature: 76°C to 260°C

Key Features:

Thermal Safety Cutoff
 Cutoff Thermal Link
 Thermal Cutoff Switch
 Thermal Fuse
 Shape: Resistor
 Case: Metal
 Usage: Thermal
 Rated Voltage: 250V

Product Description:

The Thermal Safety Cutoff Fuse, also known as Cutoff Thermal Link or Thermal Cutoff Switch, is a vital component in electrical devices that helps prevent overheating and potential fire hazards. LinKun's RY RYB Series Thermal Cutoff Fuse is designed to interrupt the flow of electricity when the rated temperature is exceeded, protecting the device and its surroundings from damage.

The RY RYB Series Thermal Cutoff Fuse is manufactured in China DongGuang and can operate within a temperature range of 76°C to 260°C. This makes it suitable for a wide range of applications, from household appliances and electronics to industrial equipment.

Product Usage:

The Thermal Safety Cutoff Fuse is typically installed in devices such as hair dryers, coffee makers, and electric heaters. It can also be used in larger appliances like refrigerators, washing machines, and air conditioners. In industrial settings, the Thermal Cutoff Fuse is commonly used in motors, transformers, and power supplies.

The RY RYB Series Thermal Cutoff Fuse is designed to be easy to install and use. Its compact shape, resembling a resistor, allows it to be easily integrated into various devices. The metal case provides durability and protection from external factors. And with a rated voltage of 250V, it can handle a wide range of electrical systems.

Product Benefits:

- Prevents overheating and potential fire hazards
 - Wide temperature range for various applications
 - Compact shape for easy integration
 - Durable metal case for protection
 - Compatible with multiple electrical systems
- Choose LinKun for Your Thermal Safety Needs:

With over 20 years of experience in the industry, LinKun is a trusted manufacturer of high-quality Thermal Cutoff Fuses. Our RY RYB Series Fuse is made with precision and undergoes rigorous testing to ensure its reliability and safety. We are dedicated to providing our customers with the best products and services, and our Thermal Safety Cutoff Fuse is no exception. Choose LinKun for your thermal safety needs and have peace of mind knowing that your devices are protected.

Customization:

Thermal Cutoff Fuse Customization Service

Brand Name: LinKun

Model Number: RY RYB Series

Place of Origin: China DongGuang

Rated Temperature: 76°C to 260°C

Rated Voltage: 250V

Rated Current: 10A, 16A

Size: 62x4mm

Shape: Resistor

Our Thermal Cutoff Fuse is a reliable and high-quality product designed to protect electronic devices from excessive heat and prevent potential hazards. As a leading manufacturer and supplier in China, LinKun offers a customizable service for our Thermal Cutoff Fuse, providing tailored solutions to meet your specific needs and requirements.

Our Thermal Cutoff Fuse, also known as Thermal Shutoff Fusible Link, Thermal Safety Cutoff, or Thermal Trip Device, is designed to automatically cut off the electrical current when the rated temperature is exceeded, ensuring the safety and protection of your electronic devices. With a rated temperature range of 76°C to 260°C, our Thermal Cutoff Fuse can effectively prevent overheating and potential fires.

In addition, our Thermal Cutoff Fuse has a rated voltage of 250V and a rated current of 10A and 16A, making it suitable for a wide range of electronic applications. Its compact size of 62x4mm and resistor shape allows for easy installation and integration into your electronic circuit.

At LinKun, we understand that every customer has unique requirements and specifications. That's why we offer a customization service for our Thermal Cutoff Fuse, allowing you to choose the desired temperature range, voltage, current, size, and shape for your specific application. Our experienced team will work closely with you to ensure that the final product meets your expectations and delivers the best performance.

Choose LinKun as your partner for Thermal Cutoff Fuse customization service and let us help you protect your electronic devices from potential hazards. Contact us now to discuss your customization needs and get a quote.

Packing and Shipping:

Packaging and Shipping

The Thermal Cutoff Fuse is carefully packaged to ensure safe and undamaged delivery to our customers. Each fuse is individually wrapped in protective packaging and then placed in a sturdy carton box. The carton box is then sealed and labeled with the product name, model number, and quantity for easy identification.

For shipping, we offer various options to meet our customers' needs. We work closely with trusted courier services to provide timely and efficient delivery worldwide. Our team also ensures that all necessary customs documents are prepared and included with the shipment to facilitate smooth customs clearance.

We understand the importance of delivering our products on time and in good condition. Therefore, we take all necessary measures to ensure that the Thermal Cutoff Fuse arrives at its destination safely and on schedule.



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