



EMERSON Thermal Cutoff Fuse G4A00072°C-240°C 5A 10A 15A 20A 25A 250V

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MICROTEMP
- Certification: UL CSA VDE CCC
- Model Number: G4A00072°C-240°C
- Minimum Order Quantity: 1000pcs
- Price: Negotiation
- Packaging Details: PE bag, Bulk
- 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

- Product Name: Microtemp Thermal Fuse
- Shape: Resistor
- Type: Resistor Thermal Cutoff
- Rated Voltage: 250V
- Rated Current: 5A To 25A
- Function: Over-Heat And Over-Current Protection
- Leads: Axial Lead
- Rated Temperature: 72°C To 240°C
- Usage: Thermal
- High Light: 5A Microtemp Thermal Fuse, 240C Microtemp Thermal Fuse
- Highlight: 250V Thermal Cutoff Fuse, Thermal Cutoff Fuse 10A



More Images



Product Description

EMERSON Thermal Fuse G4A00072°C-240°C Thermal Fuse 5A 10A 15A 20A 25A 250V

Product Description:

MICROTEMP, the original thermal fuse from Therm-O-Disc, offers the broadest combination of globally certified temperatures and electrical loads, as well as the broadest range of packages, mountings and design configurations on the market today.

Features

- Globally certified temperatures and electrical loads
- One-shot operation cuts off electrical power
- Current interruption capacity up to 25 amps @ 250VAC
- Low resistance
- Compact size
- RoHS compliant

Operating Principle

The active trigger mechanism of the thermal fuse is an exclusively formulated, electrically nonconductive pellet. Under normal operating temperatures, the solid pellet holds spring loaded contacts closed. When a predetermined temperature is reached, the pellet melts, allowing the compression spring to relax. The trip spring then slides the contact away from the lead and the circuit is opened. After the thermal fuse opens a circuit, the fuse needs to be replaced. This replacement procedure must include correction of the fault condition before the product is operated again.

Applications

- Major Appliance
- Portable Appliance
- HVAC
- Water Heater
- Hair Care
- Other

	G4	G5	Z6	G6	G7	G8	S9
Typical			16A	16A			
Resistive Rating at 250VAC	10A	20A	Higher Tm Than G6	More Temperature Ratings Than Z6	5A	25A	15A

144	129	300	129	410	129	300	129	175	119	410	134	380
152	137	205	137	410	127	205	137	175	-	-	142	380
158	143	240	143	410	-	-	143	200	-	-	-	-
167	152	210	152	410	-	-	152	200	152	410	157	380
172	157	310	157	410	-	-	157	200	-	-	-	-
184	169	240	169	410	169	210	169	200	169	410	174	380
190	175	350	175	410	-	-	175	270	-	-	-	-
192	177	210	177	350	167	210	177	210	177	350	-	-
205	190	310	190	410	-	-	-	-	-	-	-	-
216	200	450	200	410	-	-	-	-	-	-	-	-
229	200	450	200	410	200	375	-	-	200	410	200	380
240	200	450	200	410	200	450	-	-	200	410	200	380
257	220	470	-	-	-	-	-	-	-	-	-	-

Tf = Functioning open temperature +0/-50 C

Th = Maximum temperature of the thermal fuse, measured at the case end, at which the thermal fuse can be maintained for a period of at least 168 hours without opening

Tm = Maximum overshoot temperature. Temperature up to which the open thermal fuse will not change state

NOTES:

- It is advised that TCOs are not exposed to continuous operating temperatures in excess of Tf -25°C
- Comparative tracking index (all primary TCOs): 250VAC
- G4, G5, G6, G7 and G8 series TCOs with Tf ≥175°C comply with UL conductive heat aging (CHAT) requirements.

Electrical Current & Voltage Rating

S e r i e s	G4		G5	G6	Z6	G7		G8	S9
	Resistive	Inductive	Resistive	Resistive	Resistive	Resistive	Inductive	Resistive	Resistive
A g e n c y									
U L / C S A	21A/240 VAC5	8A/250VA C	20A/250 VAC				4.5A/250V AC4	20A/277VA C	
	10A/250 VAC	14A/120V AC	25A/120 VAC	16A/250V AC	16A/250VA C	5A/250VAC	4.5A/120V AC4	25A/250VA C	
	15A/120 AC		21A/240 VAC			5A/24VDC			
	5A/24VD C		20A/277 VAC						
V D E	10A/250 VAC	8A/250VA C	20A/250 VAC	16A/250V AC	16A/250VA C	5A/250VAC	4.5A/250V AC	25A/250VA C	
C C C	5A/24VD C	8A/250VA C	20A/250 VA	16A/250V AC	16A/250VA C	5A/24VDC	4.5A/250V AC	25A/250VA C	

	10A/250 VAC				5A/250VAC			
P S E J E T S J E T K O r e a	10A/250 VAC	15A250V AC	15A250VA C	16A/250VA C	5A/250VAC		25A/250V	15A/250V AC
	30A/16V DC2				15A/16VDC3			50A/16V DC2
	10A/250 VAC	16A/250 VAC			5A/250VAC			

- 1 For S JET ratings for Japan replace "G" with "S" as first letter of nomenclature
- 2 Load agency approved for 172C and 240C temperatures only
- 3 Load agency approved for 152C temperature only
- 4 Except for 184C rating
- 5 For CSA only

CURRENT FUSE



FUSE LINK AND FUSE BASE



CURRENT PCB FUSE HOLDER



PTF-60



PTF-78



PTF-10



PTF15



646



BLX-A



BHC1



MF563



254



BH503



CQ-2000V



H3-45A



H3-67



H3-68



H3-76



H3-78



154



556



557



559



560



562



570



H80-A1

Features:

Product Name: Thermal Cutoff Fuse
 Usage: Thermal
 Rated Voltage: 250V
 Rated Current: 10A, 16A
 Breaking Capacity: High
 Case: Metal
 Temperature Sensitive Circuit Breaker
 Thermal Cutoff Switch
 Thermal Shutoff Fusible Link

Technical Parameters:

Product Name	Thermal Cutoff Fuse
Shape	Resistor
Size	62x4mm
Breaking Capacity	High
Rated Voltage	250V
Usage	Thermal
Rated Current	10A, 16A
Rated Temperature	76°C to 260°C
Case	Metal
Features	Thermal Fuse Protector, Thermal Overload Switch, Thermal Trip Device

Applications:

Thermal Cutoff Fuse - LinKun RY RYB Series

Brand Name: LinKun
 Model Number: RY RYB Series
 Place of Origin: China DongGuang
 Usage: Thermal
 Rated Temperature: 76°C to 260°C
 Rated Voltage: 250V
 Size: 62x4mm
 Case: Metal
 Product Description

The LinKun RY RYB Series Thermal Cutoff Fuse is a reliable and efficient solution for thermal overload protection in various electrical appliances. This thermal fuse is designed to cut off the circuit when the temperature reaches a certain level, preventing potential fire hazards and protecting your appliances.

Application

The Thermal Cutoff Fuse is suitable for a wide range of electrical appliances, including but not limited to:

Refrigerators

Microwaves

Washing machines

Dryers

Vacuum cleaners

Electric heaters

It is also commonly used in industrial machinery and equipment for temperature control and circuit protection.

Features

High-quality and durable metal case for better heat dissipation and protection against physical damage.

Compact size (62x4mm) for easy installation and space-saving.

Rated temperature range of 76°C to 260°C, providing reliable protection for a wide range of appliances.

Rated voltage of 250V, suitable for various electrical systems.

Designed and manufactured in China DongGuang, ensuring high-quality and cost-effective products.

Compliant with international safety standards, including UL, CSA, and RoHS.

Working Principle

The Thermal Cutoff Fuse works by using a thermal fuse interlock, also known as a cutoff thermal link. When the temperature reaches the rated level, the thermal fuse will melt and break the circuit, preventing further heating and potential fire hazards.

Usage

The Thermal Cutoff Fuse is easy to install and use. Simply connect it in series with the circuit that needs protection, and it will automatically cut off the circuit when the temperature exceeds the rated level. It is a one-time use fuse and needs to be replaced after activation.

Benefits

Provides reliable protection for your electrical appliances against potential fire hazards.

Prevents damage to your appliances due to overheating, saving you repair and replacement costs.

Ensures safety and peace of mind for you and your family.

Cost-effective solution compared to other thermal protection devices.

Conclusion

The LinKun RY RYB Series Thermal Cutoff Fuse is an essential safety device for various electrical appliances and industrial equipment. With its high-quality, durability, and compliance with safety standards, it is the top choice for thermal overload protection and circuit protection. Choose LinKun for reliable and efficient temperature control and circuit protection!

Customization:

Customized Services for Thermal Cutoff Fuse

Brand Name: **LinKun**

Model Number: **RY RYB Series**

Place of Origin: **China Dongguang**

Case: **Metal**

Rated Temperature: **76°C to 260°C**

Rated Voltage: **250V**

Usage: **Thermal**

Rated Current: **10A, 16A**

Key Features: Temperature Sensitive Circuit Breaker, Thermal Safety Cutoff, Thermal Overload Switch

Packing and Shipping:

Thermal Cutoff Fuse: Packaging and Shipping

Our Thermal Cutoff Fuse comes in a sturdy and protective packaging to ensure safe delivery to our customers. Each fuse is individually packaged for added protection during shipping.

Packaging Details

The Thermal Cutoff Fuse is packaged in a sealed plastic bag, with each fuse placed in a small box for easy storage and handling. The boxes are then placed in a larger carton box with bubble wrap and foam for added protection.

Shipping Options

We offer various shipping options for our customers to choose from, depending on their needs and location. These include:

Standard shipping - Delivery within 5-7 business days

Expedited shipping - Delivery within 2-3 business days

International shipping - Delivery time varies depending on location

Once the order is processed and shipped, customers will receive a tracking number to monitor the status of their delivery.

We take great care in packaging and shipping our products to ensure they arrive in perfect condition. If there are any issues with your order, please contact our customer service team for assistance.

Thank you for choosing our Thermal Cutoff Fuse. We hope it provides reliable and efficient protection for your electronic devices.



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