



Metal Oxide Resistor Resistors For Overvoltage Protectors 35mm 42mm 52mm 240 280V/Mm The Single-Chip DC Reference Voltag

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: LIN KUN
- Certification: RoHS UL
- Model Number: High performance metal oxide resistor
- Minimum Order Quantity: 1000 pieces
- Price: Negotiation
- Packaging Details: Negotiation
- Delivery Time: 20-30 days
- Supply Ability: 100,000 pieces/month

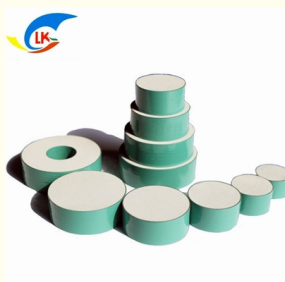


Product Specification

- Rated Voltage U_r : 0.28-4.5kV
- Reference Current, I_{ref} : 1 MA
- Leakage Current I_L At 50 75% DC Reference Voltage:
- Maximum Residual 1.3-12. 5 KV Voltage U_{res} At Nominal Discharge Current:
- Continuous Operating 0.24-3.6kV Voltage:
- Power Frequency $\geq 0.28-0.45$ KA Reference Voltage, U_{ref} :
- DC Reference Voltage $\geq 0.6-6.3$ KA U_{ref} :



More Images



Product Description

product description

This series of resistors are mainly used to assemble overvoltage protectors, resistor-capacitor absorbers, and combined arresters of various voltage levels. According to the characteristics and requirements of such protector products, they are specially designed and developed for such products. The voltage gradient range is generally The resistor diameter is 240~280V/mm. The diameters of the resistors are mainly 52mm, 42mm, and 35mm. The heights are diverse and can be flexibly determined according to customer needs. The single-chip DC reference voltage range is 3.0kV~8.8kV.



Resistor sheets for overvoltage protectors

Model	Diameter (mm)	Height (mm)	DC reference current U _{1mA} (kV)	Maximum residual voltage ratio (at 8/20us 5kA)	Current surge withstand capability	
					4/10us(k A)	2ms(A)
D4	42±0.5	13±1	3.2 3.7	1.70	100	300
		15±1	3.8 4.3			
		17±1	4.4 4.9			
		19±1	5.0 5.4			
		21±1	5.5 5.9			
		23±1	6.0 6.6			
		25±1	6.7 7.2			
		31±1	7.8 8.6			
D5	52±0.5	13±1	3.2 3.7	1.63	100	500
		15±1	3.8 4.3			
		17±1	4.4 4.9			
		19±1	5.0 5.4			
		21±1	5.5 5.9			
		23±1	6.0 6.6			

		25±1	6.7 7.2			
		31±1	7.8 8.6			

MOV varistor is a kind of Metal Oxide Resistor specially designed for overvoltage protection and surge absorbing. It is a 7mm series varistor surge absorber with a nominal discharge current (8/20US)In of 1.5-5kA, rated voltage Ur of 0.28-4.5kV, reference current Iref of 1 MA, and maximum residual voltage Ures at nominal discharge current of 1.3-12. 5 KV. It is designed to effectively reduce and absorb the surge voltage, thus providing excellent protection against overvoltage and offering reliable and secure power supply. The MOV varistor is highly reliable and has an extremely low failure rate, making it an ideal choice for overvoltage protection.

Features:

- Product Name: MOV varistor
- MOV 10mm series varistor surge absorber
- MOV 20mm series varistor surge absorber
- MOV 20mm series varistor surge absorber
- Metal oxide resistor.: MOV32x31
- Continuous operating voltage: 0.24-3.6kV
- Power frequency reference voltage, Uref: ≥0.28-0.45 KA
- Leakage current IL at 75% DC reference voltage: 50
- Maximum residual voltage Ures at nominal discharge current: 1.3-12. 5 KV

Technical Parameters:

Parameter	Value
Product Name	MOV Varistor
Metal Oxide Resistor	MOV32x31
Maximum residual voltage Ures at nominal discharge current	1.3-12.5 KV
DC reference voltage Uref	≥0.6-6.3 KA
Leakage current IL at 75% DC reference voltage	50
Continuous operating voltage	0.24-3.6kV
Nominal discharge current (8/20US)In	1.5-5kA
Reference current, Iref	1 MA
Rated voltage Ur	0.28-4.5kV
MOV 25mm series varistor surge absorber	Yes
MOV 7mm series varistor surge absorber	Yes
MOV 20mm series varistor surge absorber	Yes

Applications:

LIN KUN High performance metal oxide resistor is a surge absorbing varistor, which is designed to provide overvoltage protection. This product has a DC reference voltage Uref of ≥0.6-6.3 KA, a reference current Iref of 1 MA, and a continuous operating voltage of 0.24-3.6kV. In addition, its nominal discharge current (8/20US)In is 1.5-5kA. This MOV series varistor surge absorber is available in both 20mm and 10mm series, making it suitable for a wide range of applications. This metal oxide resistor is perfect for protecting sensitive electronic devices against power surge, overvoltage, and other overcurrent events. Its robust construction ensures superior performance in the toughest environments. Furthermore, its high-quality components and advanced technology guarantee reliable protection and long-term operation. LIN KUN High performance metal oxide resistor is the perfect solution for overvoltage protection. With its superior performance and reliable protection, it is sure to meet the needs of any application that requires surge absorbing varistor.

Customization:

- LIN KUN High Performance Metal Oxide Resistor
- Brand Name: LIN KUN
- Model Number: High Performance Metal Oxide Resistor
- Place of Origin: China
- Product Name: MOV Varistor
- Metal Oxide Resistor: MOV32x31
- Power Frequency Reference Voltage, Uref: ≥0.28-0.45 KA
- Reference Current, Iref: 1 MA

Continuous Operating Voltage: 0.24-3.6kV

MOV 14mm Series Varistor Surge Absorber

MOV 20mm Series Varistor Surge Absorber

MOV 10mm Series Varistor Surge Absorber

Support and Services:

We provide technical support and service for MOV varistor in the form of online support, phone support, and email support. Our team of experts are available to answer any questions you may have about MOV varistor products. We also offer troubleshooting help and installation guidance.

We are constantly updating our support documentation and providing new resources to customers. Our goal is to ensure that you are getting the best possible service and support for your MOV varistor products.

If you ever have any problems with your MOV varistor products, please feel free to contact us. We are here to help.

Packing and Shipping:

Packaging and Shipping for MOV varistor:

The MOV varistor is securely packaged in an anti-static bag before being placed in a cardboard box. The box is then sealed with tape and labeled with the product name and model number. The box is then shipped to the customer using a reliable carrier.

FAQ:

Q1: What is MOV varistor?

A1: MOV varistor is a high performance metal oxide resistor produced by LIN KUN, which is made in China.

Q2: What advantages does MOV varistor have?

A2: MOV varistor has the advantages of high surge current capacity, good stability over a wide temperature range and high protection level.

Q3: What is the operating temperature range of MOV varistor?

A3: The operating temperature range of MOV varistor is -40°C to +125°C.

Q4: What type of MOV varistor does LIN KUN provide?

A4: LIN KUN provides MOV varistor with different sizes and rated voltages which are suitable for different application.

Q5: Does LIN KUN provide custom service?

A5: Yes, LIN KUN provides custom service to meet customer's special requirements.



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