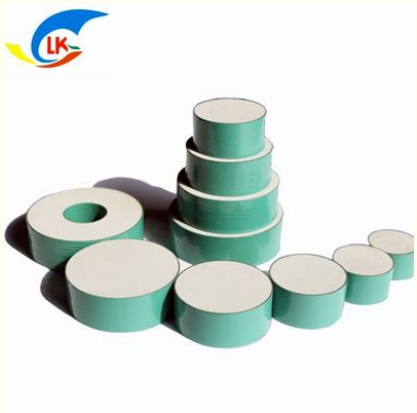
MOV32x31 Resistor Sheets for Various Types and Levels of AC Arresters

Our Product Introduction

Basic Information

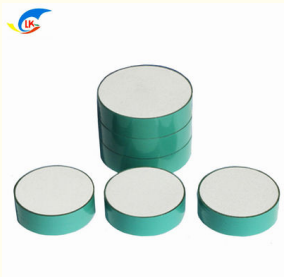
- Place of Origin: China
- Brand Name: LIN KUN
- Certification: RoHS UL
- Model Number: High performance metal oxide resistor
- Minimum Order Quantity: 1000 pieces
- Price: Negotiation
- Packaging Details: Negotiation
- Delivery Time: 20-30 days
- Supply Ability: 100,000 pieces/month



Product Specification

- Rated Voltage Ur: 0.28-4.5kV
- Maximum Residual Voltage Ures At Nominal Discharge Current: 1.3-12. 5 KV
- Power Frequency Reference Voltage, Uref: ≥0.28-0.45 KA
- DC Reference Voltage Uref: ≥0.6-6.3 KA
- Product Name: MOV Varistor
- Metal Oxide Resistor.: MOV32x31
- Leakage Current IL At 75% DC Reference Voltage: 50
- Nominal Discharge 1.5-5kA

More Images



Product Description

Resistor sheet for AC arrester

product description
Metal oxide resistors are semiconductor ceramic components made of zinc oxide as the main raw material. Their resistance changes nonlinearly with changes in applied voltage. Metal oxide resistors are mainly used to assemble various types and levels of lightning arresters. They are the core components of metal oxide arresters. Their quality directly determines the performance of the arrester.
The metal oxide resistors produced by our company have the characteristics of large current capacity, high protection performance, good non-linear characteristics, beautiful appearance, and various specifications. The voltage gradient range is generally 200~230V/mm, and the diameter and height can be customized according to the customer's requirements. The demand can be determined flexibly. The maximum diameter of the resistor can be up to 138mm, and the maximum height can be up to 41mm.

Product Description:

Dongguan Linkun Electronic Technology Co., Ltd.
Metal oxide resistor parameters

Specification	diameter	high	DC reference voltage (U1mA)	Maximum residual voltage ratio (8/20us)	Current surge withstand capability		Recommended rated voltage	Recommended continuous operating voltage	Line discharge level
					4/10us	2ms			
	mm	mm	k V		kA	A	k V	k V	
D28xH25mm	28±1	25±0.5	5.7±0.3	1.8@5kA	50	120	3.8	3.0	
D28xH31mm	28±1	31±1	6.7±0.3				4.5	3.6	
D30xH18mm	30±1	18±0.5	4.6±0.3	1.77@5kA	65	150	3.0	2.4	
D30xH21mm	30±1	21±0.5	4.6±0.3				3.0	2.4	

D30xH25mm	30±1	25±0.5	5.7±0.3					3.8	3.0	
D30xH31mm	30±1	31±1	6.7±0.3					4.5	3.6	
D32xH3mm	32±1	3±0.2	0.7±0.1	1.63@1.5kA	10	75		0.3	0.2	
D32xH6mm	32±1	6±0.3	1.4±0.2					0.5	0.4	Low voltage and distribution type
D32xH21mm	32±1	21±0.5	4.6±0.3					3.0	2.4	
D32xH25mm	32±1	25±0.5	5.7±0.3	1.76@5kA	65	180		3.8	3.0	
D32xH31mm	32±1	31±1	6.7±0.3					4.5	3.6	

D35xH3mm	35±1	3±0.2	0.7±0.1	1.63@1.5kA	10	75	0.3	0.2	
D35xH6mm	35±1	6±0.3	1.4±0.2				0.5	0.4	
D35xH21mm	35±1	21±0.5	4.6±0.3	1.73@5kA	65	200	3.0	3.0	
D35xH25mm	35±1	25±0.5	5.7±0.3				3.8	3.6	
D35xH31mm	35±1	31±1	6.7±0.3				4.5	2.4	
D40xH21mm	40±1	21±0.5	4.6±0.3	1.80@10kA		300	3.0	3.0	
D40xH25mm	40±1	25±0.5	5.7±0.3				3.8	3.6	

D40xH31mm	40±1	31±1	6.7±0.3		100		4.5	2.4	Class-1
D42xH21mm	42±1	21±0.5	4.6±0.3				3.0	3.0	
D42xH25mm	42±1	25±0.5	5.7±0.3	1.78@10kA		400	3.8	3.6	
D42xH31mm	42±1	31±1	6.7±0.3				4.5	2.4	
D46xH21mm	46±1	21±0.5	4.6±0.3				3.0	3.0	
D46xH25mm	46±1	25±05	5.7±0.3	1.77@10kA		550	3.8	3.6	

D46xH31mm	46±1	31±1	6.7±0.3					4.5	2.4	
D48xH21mm	48±1	21±0.5	4.6±0.3	1.76@10kA	100	600		3.8	3.0	Class-2
D48xH25mm	48±1	25±0.5	5.7±0.3					3.8	3.6	
D48xH31mm	48±1	31±1	6.7±0.3					4.5	2.4	
D52xH21mm	52±1	21±0.5	4.6±0.3					3.0	3.6	
D52xH25mm	52±1	25±0.5	5.7±0.3	1.75@10kA		700		3.8	2.4	

D52xH31mm	52±1	31±1	6.7±0.3				4.5	3.0	
D56xH21mm	56±1	21±0.5	4.6±0.3	1.73@10kA	100	750	3.0	2.4	Class-3
D56xH25mm	56±1	25±0.5	5.7±0.3				3.8	3.0	
D56xH31mm	56±1	31±1	6.7±0.3				4.5	3.6	
D60xH21mm	60±1	21±0.5	4.6±0.3	1.68@10kA		800	3.0	2.4	
D70xH21mm	70±1	21±0.5	4.6±0.3	1.67@10kA		1000	3.0	2.4	

D75xH22mm	75±1	22±0.5	4.6±0.3	1.66@10kA		1200-1500	3.0	2.4	
D78xH22mm	78±1	22±0.5	4.6±0.3	1.65@10kA	100	1500-1800	3.0	2.4	Class-4
D85xH22mm	85±1	22±0.5	4.6±0.3	1.63@10kA	120	1800	3.0	2.4	
D95xH22mm	95±1	22±0.5	4.6±0.3	1.60@10kA	120	2000	3.0	2.4	Class-5

MOV varistor is a metal oxide resistor device that provides excellent surge absorption performance for applications in AC and DC power systems. It is used to protect electronics from transient overvoltages caused by lightning, static discharge, inductive loading, and other transients. This series of MOV varistors are designed to provide superior surge absorption performance for a wide range of rated voltage, up to 4.5kV. It has a low leakage current at 75% of the DC reference voltage, and a rated current of 1mA. The reference current, Iref, is 1mA, and the power frequency reference voltage, Uref, is at least 0.28-0.45 KA. It features a robust and reliable construction with MOV32x31 metal oxide resistors. This series of MOV varistors are available in 10mm and 14mm sizes for a variety of different applications.

Features:

Product Name: MOV varistor

Metal oxide resistor.: MOV32x31

Power frequency reference voltage, Uref: ≥0.28-0.45 KA

DC reference voltage Uref: ≥0.6-6.3 KA

Rated voltage Ur: 0.28-4.5kV

Function: Overvoltage protection, surge absorbing varistor

Product type: MOV 5mm series varistor surge absorber

Technical Parameters:

Product name	MOV Varistor
Metal oxide resistor	MOV32x31
Rated voltage Ur	0.28-4.5kV
Leakage current IL at 75% DC reference voltage	50

Maximum residual voltage Ures at nominal discharge current	1.3-12. 5 KV
Nominal discharge current (8/20US)In	1.5-5kA
DC reference voltage Uref	≥0.6-6.3 KA
Reference current, Iref	1 MA
Power frequency reference voltage, Uref	≥0.28-0.45 KA
Continuous operating voltage	0.24-3.6kV
Keywords	MOV 10mm series varistor surge absorber, MOV 7mm series varistor surge absorber, Overvoltage protection, surge absorbing varistor

Applications:

MOV Varistor Application Scenarios
MOV Varistor, produced by LIN KUN, is a high performance metal oxide resistor for overvoltage protection. It is available in both 5mm and 20mm series with continuous operating voltage of 0.24-3.6kV. This product is widely used in surge absorbing varistor applications, with DC reference voltage Uref≥0.6-6.3KA and power frequency reference voltage Uref≥0.28-0.45KA. MOV Varistor is suitable for various scenarios, such as telecommunications equipment, computers, office automation, solar power systems, medical equipment, high voltage motors, and UPS power supply. It can also be used in the automotive industry, aviation industry, industrial control, smart grid, and many other areas.
LIN KUN MOV Varistor can effectively prevent and absorb lightning surges and surges caused by switching operations of power equipment, thus ensuring the electrical safety and reliability of the electrical system. It plays a key role in the protection of electrical and electronic systems from overvoltage or transient surges.

Customization:

MOV Varistor with High Performance
Brand Name: LIN KUN
Model Number: High performance metal oxide resistor
Place of Origin: China
Nominal discharge current (8/20US)In: 1.5-5kA
Continuous operating voltage: 0.24-3.6kV
DC reference voltage Uref: ≥0.6-6.3 KA
Rated voltage Ur: 0.28-4.5kV
Features:
Overvoltage protection
Surge absorbing varistor
MOV 25mm series varistor surge absorber
MOV 14mm series varistor surge absorber

Support and Services:

MOV varistor provides technical support and services to customers. Our technical support team is available to answer any questions you may have about using our product. We also provide a range of services, such as repair and maintenance, to ensure that your MOV varistor is in top condition. Our team is dedicated to providing the highest level of customer service, and we are always available to help you with any issue you may have.

Packing and Shipping:

Packaging and Shipping for MOV varistor
MOV varistors are packaged in standard cardboard boxes and can also be packaged in shrink film if requested. All goods are shipped using standard couriers and tracking numbers are provided upon request.

FAQ:

Q: What is MOV Varistor?
A: MOV Varistor is a kind of high performance metal oxide resistor made by LIN KUN. It has the characteristics of high surge capability, low clamping voltage, high energy capability and fast response time.
Q: Where is MOV Varistor made?
A: MOV Varistor is made in China.

Q: What are the advantages of MOV Varistor?
A: MOV Varistor has the advantages of high surge capability, low clamping voltage, high energy capability and fast response time.
Q: What is the model number of MOV Varistor?
A: The model number of MOV Varistor is High performance metal oxide resistor.
Q: What is the brand name of MOV Varistor?
A: The brand name of MOV Varistor is LIN KUN.

Dongguan Linkun Electronic Technology Co., Ltd.

13423305709 huangju@lk-ptc.com lk-thermistor.com

Room 101, No. 21, Huayuanzai Road, Chongmei, Chashan Town, Dongguan City, Guangdong Province