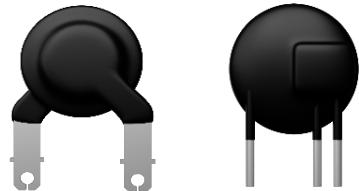


## MOV Series



### ◆ Product Introduction

The professional surge protection varistor acts as a "voltage safety valve" for circuit systems. Using zinc oxide as its core material, it rapidly responds to transient overvoltage threats caused by lightning strikes and power grid fluctuations. Its operation is highly intelligent: when the circuit voltage remains below the threshold (varistor voltage), it exhibits high resistance (up to megaohm level) with only microampere-level leakage current, ensuring normal equipment operation. Once the voltage exceeds the limit, its resistance instantly drops to ohm level, responding within nanoseconds to divert surge currents and clamp the voltage to a safe range. After the surge subsides, it automatically returns to its high-resistance state.

### ◆ Features

1. Extremely fast response speed, no delay protection
2. Accurate voltage clamping and controllable protection range
3. Strong current carrying capacity, capable of absorbing large energy surges
4. Non polarized design, suitable for both AC and DC scenarios
5. Small size, low cost, easy integration
6. T-MOV solves the risk of thermal runaway and fire caused by MOV aging

### ◆ Applications

1. Power configuration equipment
2. Communication power supply
3. Lighting
4. New energy equipment

## ◆ 编码原则

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Product type			body size		pressure-sensitive voltage		pressure-sensitive		pin type		appearance		internal control code		
CVA	Varistor	14	φ14mm	180	18x10 <sup>3</sup> V=18V	J	±5%	A	Two legged type	KG	straight foot			B	bulk
		20	φ20mm	241	24x10 <sup>3</sup> V=240V	K	±10%	B	Three legged type	KO	Outside kink			E	boxed
		25	φ25mm	621	62x10 <sup>3</sup> V=620V					KI	Inner bend foot			H	scroll binding
		34	34*34mm	102	102x10 <sup>3</sup> V=1000V										

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Product type			body size		pressure-sensitive voltage		pressure-sensitive		pin type		appearance		internal control code		
CVT	Thermal protection type varistor	14	φ14mm	180	18x10 <sup>3</sup> V=18V	J	±5%	A	Two legged type	KG	straight foot			B	bulk
		20	φ20mm	241	24x10 <sup>3</sup> V=240V	K	±10%	B	Three legged type	KO	Outside kink			E	boxed
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