

# High Voltage Surge Arrester

High-voltage surge arresters protect electrical equipment from transient overvoltages. They feature a stacked disc design with alternating insulating and semiconducting layers, and are designed for outdoor applications.



## Product Overview

### Reliable Overvoltage Protection

This high-voltage surge arrester is engineered to protect electrical transmission and distribution systems from damaging over-voltage conditions. Available in both silicone polymer composite and porcelain housings, these units are designed for easy installation and low-maintenance operation. The system provides enhanced reliability against lightning strikes and switching surges, ensuring the continuity of your electrical infrastructure.

## Technical Specifications

### Available Current Ratings

- 5kA series
- 10kA series
- 20kA series

### Voltage Rating Range

0.22-500kV (Porcelain), 0.22-220kV (Composite)

## Working Conditions

### Ambient Temperature

**-40 °C**

Min Temp

**40 °C**

Max Temp

### Environmental Operating Limits

Parameter	Limit
Max Altitude	≤ 2000m
Frequency	48Hz - 62Hz
Max Wind Speed	35m/s
Earthquake Intensity	< 8 degree

## Product Features

### Housing Materials

Silicone Polymer Composite • Porcelain