

High Voltage Lightning Arrester

High voltage lightning arresters protect electrical equipment from transient overvoltages. The arresters divert surge currents to ground, limiting the voltage across protected equipment.



Overview

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These high-voltage lightning arresters are engineered to safeguard critical electrical equipment from transient overvoltages triggered by lightning strikes or switching surges. Featuring a robust stacked disc design, they provide superior insulation and extended creepage distance for reliable performance. By effectively diverting surge currents to the ground, these units limit voltage stress across protected equipment, ensuring long-term operational integrity in power distribution and transmission systems.

Technical Specifications

Primary Function

- Protection against lightning strikes
- Protection against switching surges
- Transient overvoltage limitation
- Surge current diversion

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|-------------------------------|---------------------|
| Design Type | Stacked disc design |
| Construction Materials | Porcelain, Polymer |

Application

Deployment Areas

Power Distribution • Power Transmission

Connectivity

- Electrical system terminals
- Grounding terminals