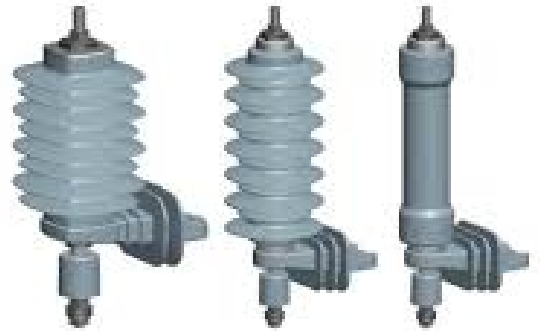


SURGE PROTECTOR

DESCRIPTION

The CEET medium voltage surge protector is an essential protection device for medium voltage electrical networks, designed to limit transient overvoltages caused by lightning or network operations.

It diverts the overvoltages to the ground while ensuring the continuity of the power supply. This device is characterized by its reliability, fast response, and its ability to protect sensitive equipment.



SPECIFICATION

- Nominal voltage: 10 kV to 36 kV.
- Energy absorption capacity: Up to 10 kA (8/20 μ s).
- Leakage current: < 1 mA.
- Response time: < 25 ns.
- Resistance to climatic conditions: IEC 60099-4 standard.
- Operating temperature: -40 °C to +85 °C.
- Installation: Vertical or horizontal mounting, with the option to fix on poles or metal structures.
- Simple and quick installation.
- High durability and low maintenance.
- Compact and lightweight design.

MATERIAL

- Body made of high-performance insulating material (silicone or EPDM).
- Internal structure based on zinc oxide (ZnO) varistors: to absorb overvoltages, and connection terminals made of conductive alloy.

The materials ensure excellent electrical insulation, high flexibility, and resistance to corrosion and UV rays.

APPLICATION

- Indoor or outdoor use.
- Suitable for electrical distribution networks, substations, wind and solar farms, as well as industrial infrastructures.