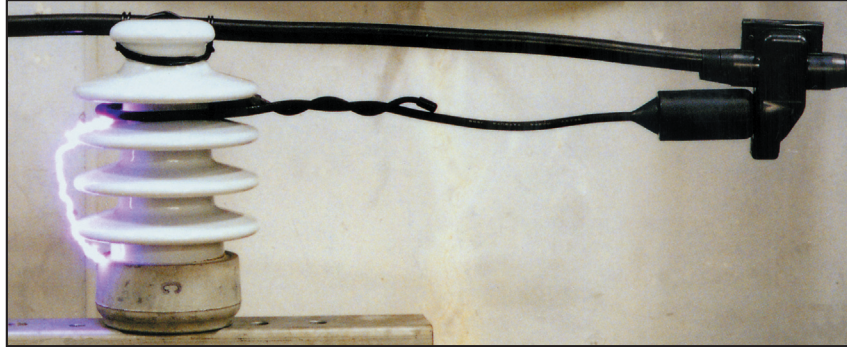




OH Line Hardware

Lightning Protection Ring



Description:

Covered conductors are vulnerable to "burn down" by power frequency current after the insulation is punctured by a lightning flashover.

The Lightning Protection Ring prevents burndown by directing the lightning flashover across the airgap and quenching the arc using a ZnO arrester element. The airgap isolates the LPR from earth, contributing to superior reliability over a conventional lightning arrester.

The Lightning Protection Ring employs a ZnO element for superior current limiting function.

The Lightning Protection Ring is used to protect distribution line equipment, (insulator, switch and transformer etc.). Provided the insulation is correctly coordinated, a downlead to earth is not necessary on a wood pole.

Features:

- Easy to install live-line
- No arc-gaps to set
- One unit for 11kV and 22kV systems
- Bonded polymer housing prevents water ingress
- High reliability
- No exposed metalwork - prevents wildlife flashover

Installation:

- Select insulator shed for correct airgap
- Wrap discharge lead around insulator below the correct shed
- Extend discharge lead and fit clamp around cable
- Screw contact bolt home to pierce insulation to conductor
- Clip insulating cover over clamp

Code: LPR
