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Disc Insulators

Description

- **Standard :** IEC 60383
- **Material :** Brown Glazed Porcelain
- **Failing Load :** 70 kN
- **Min. Creepage Distance :** 295 mm
- **Wet Power Frequency withstand voltage (1 min) :** 40 kV
- **Dry Lightning Impulse withstand voltage (1.2/50 µs) :** 110 kVp
- **Min. Power Frequency puncture withstand voltage :** 110 kV

Specification

- ✓ Consists of number of porcelain discs connected in series by metal links in the form of a string.
- ✓ Conductor is suspended at the bottom end of the string and the upper part is connected to the cross-arm of the tower.
- ✓ Number of discs depend on the working voltage.
- ✓ The disc insulator shall be of open profile aerodynamic type to permit a large degree of self-cleaning by wind, rain, etc

Application

- ✓ Used for suspending and supporting high voltage transmission lines.
- ✓ String does not become useless even in the event of damage of one disc.
- ✓ Suspension arrangement provides greater flexibility to the line hence mechanical stresses is lesser on the insulator.

Disclaimer: Data provided here are to be used as Indicative, preliminary technical information. Detailed technical submittals will be provided upon request.
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