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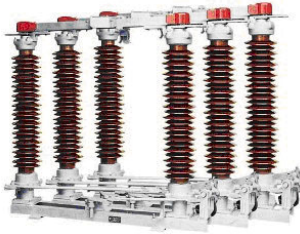
Chapter 2

Post Insulator types

2.4 Post insulator for apparatus

By Orient Power

Post insulator for apparatus



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post insulator which is divided according to its using place.

Post insulator for apparatus is widely used in the switchgear, so it's also called switchgear post insulator.

Post insulator for apparatus has porcelain post insulator and composite post insulator as per the material.

Design tests for porcelain post insulator for apparatus:

- ✧ Low –frequency wet withstand
- ✧ Critical-impulse flashover
- ✧ Impulse withstand
- ✧ Radio-influence voltage
- ✧ Thermal shock
- ✧ Compression strength
- ✧ Torsional strength

Composite post insulator for apparatus:

Composite post insulator for apparatus has indoor and outdoor type. As the composite insulator have the below advantages:

- Light weight and small volume
- Anti-pollution
- High mechanical strength
- Good performance of hydrophobicity

Now most of composite post insulator have replace the porcelain post insulator as there have more advantages in materials and performance.

More insulator information ,welcome to visit Orient power other chapters.