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Chapter 2

Composite Insulator Types

2.8 Hollow Bushing Insulator

By Orient Power

Hollow Bushing Insulator



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Hollow bushing insulator is one of hollow insulator.

Composite hollow bushing insulator voltage range is from 1kv~1000KV.

Application places for composite hollow bushing insulator:

- ✧ Switchgear
- ✧ Current and voltage converters
- ✧ Insulator bushings
- ✧ Surge arresters
- ✧ Cable end ferrules

The components for composite hollow bushing insulator:

Injection used LSR silicone rubber

Coiled FRP tubes for combined pressure and bending stress.

flanges

Reference Standards:

IEC61462, IEC 616742, IEEE 693, NEMA SG4

Color of composite hollow bushing insulator: red, gray, grey, brown and so on.

Types of hollow bushing insulator: entrance bushings, apparatus bushings, disconnectors, wall bushing and so on.

Compared with porcelain bushing insulator:

- ✧ Composite hollow insulator have light weight
- ✧ good aging resistance and anti-pollution performance
- ✧ easy to clean and transportation
- ✧ easy to installation