Chapter 2
Composite Insulator Types

2.8 Hollow Bushing Insulator

By Orient Power
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, disconnector, 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