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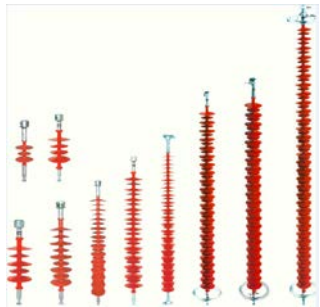
Chapter 1

Insulator Definition

1.2 Types of insulators

By Orient Power

Types of insulators



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Types of insulators according to insulator material:

- Ceramic insulator: made by porcelain
- Composite insulator: made by silicone rubber
- Plastic insulator: made by HDPE
- Glass insulator: made by glass

Types of insulators according to insulator voltage:

- High voltage insulator: >1kv-1000kv
- Medium voltage insulator: 6kv-36kv
- Low voltage insulator: <1kv

Types of insulators according to application:

- Transmission line insulator
- Distribution line insulator
- Substation insulator
- Insulator for electrical apparatus
- Insulators for electric railway and subway

Types of insulators according to insulator usage:

- Suspension insulator
- Pin type insulator
- line post insulator
- pin post insulator
- cross arm insulator
- shackle insulator
- spool insulator
- guy strain insulator
- station post insulator
- hollow bushing insulator
- cutout insulator

more detailed information about types of insulators can be found on orient website.