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Chapter 3

Suspension Type Insulators

3.6 Tri-Shed Suspension Insulator

By Orient Power

Tri - Shed Suspension Insulator



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Anti-pollution type disc suspension insulator profiles:

- Bell type insulator
- Double shed suspension insulator
- Tri-shed disk suspension insulator

Tri - shed suspension insulator definition:

It is the same as double shed insulator, but has larger Creepage distance and can be used on even more polluted areas.

The shed design is smooth and without ribs, and open type. The shed of the insulator is also called "aerodynamic model".

Advantage of tri - shed suspension insulator:

- Low rate of natural pollution accumulation
- Higher Creepage distance to make it have better anti-pollution ability
- Better self-clean ability under rain and snow

Suitable areas for tri-shed suspension insulator:

- High polluted areas
- High altitude areas
- Desert area, dry areas
- Both AC and DC transmission lines

More information about different types of suspension insulator can be found on Orient website.