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Chapter 1

LV Insulator Definition

1.2 MV stay insulator

By Orient Power

MV stay insulator



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What is MV stay insulator?

MV stay insulator is a special insulator which is used on overhead line, we called guy strain insulator too.

The main function of stay insulator is fixing telegraph pole or electric pole and tensioning conduct wire and insulation.

MV stay insulator voltage:

- 11kv
- 33kv

The color of stay insulator

- Brown
- White
- Grey
- Blue (Australia use blue stay insulator)

The shape of guy stain insulator

The shape of stay insulator are various, following are three shapes of guy stain insulator

- Four horns stay insulator
- Eight horns stay insulator
- Oval eye, egg type

The standard of stay insulator

We can divide stay insulator into two standards by the different of country: American and African.

ANSI C29.4 :ANSI 54-, 54-2, 54-3, 54-4

AS : GY1, GY2, GY3, GY4

African : EP1008 and EP522