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Chapter 3

Line Post Insulator Type

3.1 Tie top line post insulator

By Orient Power

Tie top line post insulator



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Tie top line post insulator is one of line post insulator. It's named according the connection way with conductor wire.

Tie top line post insulator have porcelain tie top line post insulator and composite tie top line post insulator according to the material.

Porcelain tie top line post insulator:

Standard: ANSI C29.7

Color: brown, grey, gray, white

Type of ceramic tie top line post insulator:

ANSI57-1, ANSI57-2, ANSI57-3, ANSI57-4,
ANSI57-5

Neck types for porcelain tie top line post insulator:

F neck: ANSI57-1, ANSI57-2, ANSI57-3

N neck: ANSI57-4, ANSI 57-5

Composite tie top line post insulator:

Standard: ANSIC29.17, IEC61109

Color: Red, gray, grey

Composite line post insulator has good performance of hydrophobicity and anti-pollution, high mechanical strength and can be installed easily, so it can replace the porcelain line post insulator very well.

Voltage class of tie top line post insulator:

11kV, 22kV, 33kV, 69kV, 132kV

Cantilever strength of tie top line post insulator:

4kN, 6kN, 8kN, 10kN, 12.5kN