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Chapter 1

Pin Insulator Definition

1.4 ANSI porcelain pin insulator types

By Orient Power

ANSI porcelain pin insulator types



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ANSI porcelain pin insulator types can be classified as ANSI C29.5 55 series, ANSI C29.6 56 series, C29.1 for test requirement.

✚ ANSI C29.5 55 series porcelain pin insulators:

- **Model:** ANSI55-1, ANSI55-2, ANSI55-3, ANSI55-4, ANSI55-5, ANSI55-6 (ANSI55-3, ANSI55-4, ANSI55-5 are frequently used)
- **Color:** brown, grey, white(grey color is most frequently used, some countries require brown)
- **Neck:** C-neck, F-neck, K-neck, J-neck, and the size is 57mm, 78mm, 89mm, 102mm
- **Applied voltage:** ANSI 29.6 is used on the 15-25kv distribution lines

✚ ANSI C29.6 56 series porcelain pin insulators:

- **Model:** ANSI56-1, ANSI56-2, ANSI56-3, ANSI56-4, ANSI56-5
- **Color:** brown, grey, white (grey color is most frequently used, some countries require brown)
- **Neck:** The type and size of the neck is the same as the ANSI C29.5 55 series.
- **Applied voltage:** ANSI 29.6 is used on the 25-35kv distribution lines

The ANSI porcelain pin type insulator also can have semi-conductor glaze if there is a requirement, it is assembled with spindle (lead head spindle) or insulator pin.