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Chapter 1

Post Insulator Definition

1.4 Post insulator specification

By Orient Power

Post insulator specification



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Post insulator is an insulator of generally column shape, and is intended to give rigid support to a live part which is insulated from earth or from another live part.

Post insulator voltage is from 15KV to 750KV, usually manufactured according to IEC, ANSI, BS and other standards.

According to the material, post insulator can be divided into:

- Porcelain post insulator
- Composite post insulator

According to the using place, there are:

- Station post insulator
- Post for electrical apparatus

Strength for post insulator:

4KN, 6KN, 8KN, 10KN, 12.5KN, 16KN,

Main specifications for porcelain post insulator:

✧ **According to ANSI C29.9:**

TR-202, TR-205, TR-208, TR-210, TR-214, TR-216, TR-286, TR-287, TR-288, TR-289, TR-291, TR-304, TR-312, TR-362, TR-369, TR391...

✧ **According to IEC60273:**

C4-125, C4-150, C4-170, C4-200, C4-250, C6-325, C6-450, C6-550, C6-650, C8-750, C10-950, C10-1050, C12.5-1550, C10-1675C C10-1800, C10-2100, C10-2550...

Post insulator is widely used in the power stations, substations and electrical equipment devices.