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Chapter 1

Composite Insulator Definition

1.9 Composite Insulator Standard

By Orient Power

Composite Insulator Standard



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In order to further improve the development of insulator manufacturers, the related technology, society organizations and groups formulate unified common standards.

Insulator standards include IEC, ANSI, GB/T, BS etc. List some standards of composite insulators as follow.

IEC61109, GB/T 19519. Composite insulators for AC overhead lines with a nominal voltage greater than 1 000 V - Definitions, test methods and acceptance criteria

IEC62217: Polymeric insulators for indoor and outdoor use with a nominal voltage >1000V-general definitions, test methods and acceptance criteria

IEC/TS 61462:1998. Hollow insulator, definition, test methods and acceptance criteria, design recommendations

ANSI C29.1. Electrical insulator, definition, test methods

ANSI C29.13-2000. American National Standard for Insulators-Composite Distribution Deadend Type

GB/T 20142. Composite line post insulators for AC overhead lines with a nominal voltage greater than 1 000 V - Definitions, test methods and acceptance criteria