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Chapter 3

Pin Insulator Assembly

3.5 Top fitting for composite pin insulator

By Orient Power

Top fitting for composite pin insulator



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Composite pin type insulator is with end fitting of the top to replace the porcelain head type.

Tie top composite pin insulator:

Since composite insulator is small size on the fiberglass core rod, and therefore, the top fitting is also smaller than porcelain type. As long as the insulator can be fitted with the conductor size, smaller size tie top composite pin insulator is acceptable. And save cost of the insulator.

Since most of the time, the composite pin insulator is to replace the porcelain pin insulator or glass pin type insulator, the neck dimension of traditional ones are also required by customers.

C neck

F neck

BS 78mm neck

Clamp top composite pin insulator:

This is a way to replace the porcelain clamp top vertical line post insulator. with a small clamp top, the conductor can be fixed on to the clamp, and easily by change the size of the clamp, the composite pin insulator can be assembled with all types of conductors, it is easy and reduce the cost of the whole pin insulators and it is construction.

Picture one left is a tie top polymer pin insulator.

Picture two left is a clamp top polymer pin insulator.