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Chapter 3

Pin Insulator Assembly

3.1 Cross arm type for pin insulator

By Orient Power

Cross arm type for pin insulator



What is a cross arm?

Cross arm is the most important components for power tower structure or wooden pole, cement pole structure.

Its function is to set up the power insulators and electrical fittings, so that it can support the conductor, lightning wires, and make them keep certain safe distance.

Crossarm types:

- ✚ Iron cross arm:
 - angle bar crossarm
 - channel bar cross arm
- ✚ wooden cross arm
- ✚ insulator crossarm:
 - porcelain insulator cross arm
 - composite insulator crossarm

Pin insulator spindle types choice for crossarm:

short insulator pin or spindle for iron crossarm

long insulator pin or spindle for wooden crossarm

Treatment of crossarm:

iron cross arm: need hot dip galvanized or painted to avoid to get rusty

wooden cross arm: need preservative treatment

Pin insulator enquiry need give type of crossarm, so that the spindle can be confirmed whether it is long or short. It is decided by the customer.



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