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Chapter 3

Pin Insulator Assembly

3.2 Pin insulator spindle

By Orient Power

Pin insulator spindle



Pin insulator has two types: ANSI pin type insulator, IEC pin type insulator, each type insulator need different type of spindle, since the thread type the insulator is different. Pin insulator spindle is also called insulator pin.

Three types of pin insulator spindle:

- ✓ Steel head spindle
- ✓ Lead head spindle
- ✓ Plastic head spindle

Steel head spindle for pin type insulator:

Suitable for IEC, BS standard insulators, the insulators are assembled with zinc sleeve.

Small head spindle, head size: 18.3mm

Big head spindle: head size: 27.8mm

Lead head spindle for pin insulator:

Suitable for ANSI standard insulators, the insulators are porcelain thread type, without zinc sleeve.

1" head lead spindle

1-3/8" head lead spindle

Plastic head spindle: protect the porcelain thread with plastic material.

Assembly with crossarm:

- ✓ Short spindle for steel crossarm
- ✓ Long spindle for wooden crossarm



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