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Chapter 3

LV Insulator Assembly

3.1 Bracket for spool and shackle insulator

By Orient Power

Bracket for spool and shackle insulator



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Bracket often used with spool and shackle insulator in low voltage transmission and distribution line. We can see it in telegraph pole.

The shapes of bracket

Bracket for spool and shackle insulator also known as D- bracket, because the shape looks like the capital form of English word “D”,

The main function of bracket

Both spool and shackle insulators have an axial mounting hole, the D-brackets are used to fix on shackle and spool insulators at the low voltage line, the other end of bracket fixed on the wooden pole.

Material

Most of the bracket material is steel hot dip galvanized but some of the bracket materials are aluminum alloy and stainless steel.

Different types bracket have various applications to meet different demands such as J93 is heavier and stronger than similar brackets

More information about bracket for shackle and spool insulator please pay attention to Orient Power website.