



Silicone Polymer Suspension Insulator

Catalog ID: 07H9L7T

Silicone Polymer Suspension Insulator is one kind of power line hardware. It is used in power line transmission and distribution system.

Material is hydrophobic silicone polymer

Other types of insulator include Suspension insulators, Pin insulators, Strain Insulators, Stay Insulators, Spool insulators, Porcelain Insulators.



PRODUCT DETAILS

General

Fitting – Ground End	Y-Clevis
Fitting – Live Line End	ANSI Ball
Material	Silicone Rubber
Material – End Fitting	Ductile Iron
Number of Sheds	84
Shed Style	Uniform
Strength Rating – Ultimate	30000 lb (13607.77 kg)
Tensile Strength	30 kip, 5/8 in (16 mm)
Tensile Strength – Routine	15000 lb (6803.89 kg)

Dimensions

Diameter – Shed(s)	2.9 in (73.66 mm)
Length – Effective	102.42 in (3601.47 mm)
Rod Diameter	0.625 in (15.88 mm)
Thickness – Housing	> 3MM

Electrical Ratings

Arc Distance – Dry	90.6 in (2302 mm)
Creep and Leakage Distance	231 in (5867 mm)
Critical Impulse Flashover (CIFO) – Negative	1300 kV
Critical Impulse Flashover (CIFO) – Positive	1275 kV
Flashover Voltage – 60 Hz Dry	880 kV
Flashover Voltage – 60 Hz Wet	805 kV
Voltage Rating	230 kV
Withstand Voltage – 60 Hz Wet	565 kV

Withstand Voltage – Lightning Impulse (Negative)	1475 kV
Withstand Voltage – Lightning Impulse (Positive)	1450 kV

RESOURCES AND DOWNLOADS

Specifications	Download PDF
Technical Drawings	Download PDF

For further technical assistance, please contact us

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