

Composite Insulator Series



Line Post Insulator

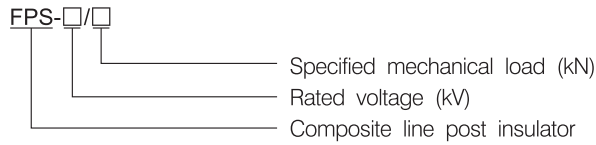
1 General

1.1 Ratings: up to 36kV.

1.2 Application: for lines supporting, suspending and insulation of power transmission & distribution system.

1.3 Standard: IEC 61109: 2008, IEC 61952: 2003, ANSI, etc.

2 Type Designation



3 Working Condition

3.1 Ambient air temperature: $-50^{\circ}\text{C} \sim +50^{\circ}\text{C}$

3.2 Altitude: $\leq 3000\text{m}$

3.3 Frequency: $\leq 100\text{Hz}$

4 Main Technical Parameter

Model	Rated voltage (kV)	Specified mechanical load (kN)	Spacing H (mm)	Arcing distance (>mm)	Minimum creepage distance (\geq mm)	Lightening impulse withstand voltage (\geq kV _p)	wet power frequency withstand voltage (\geq kV _{r.m.s.})	Fig. NO.
FPS-12/5	12	5	510	215	450	100	45	1
FPS-12/10	12	10	540	215	400	100	45	2
FPS-24/5	24	5	555	240	480	120	50	3
FPS-36/5	36	5	635	325	1015	180	75	4
FPS-36/10	36	10	675	350	1000	180	75	5

This series of products has two mounting methods: vertical and horizontal, with different structure height. Dimensions of horizontal mounting are as follow: diameter of mounting holes: 22mm, distance of mounting holes: 245mm~305mm.

5 Overall and Installation Dimension

