

HUBBELL
Power Systems

CATALOG

Porcelain Pin Type Insulators

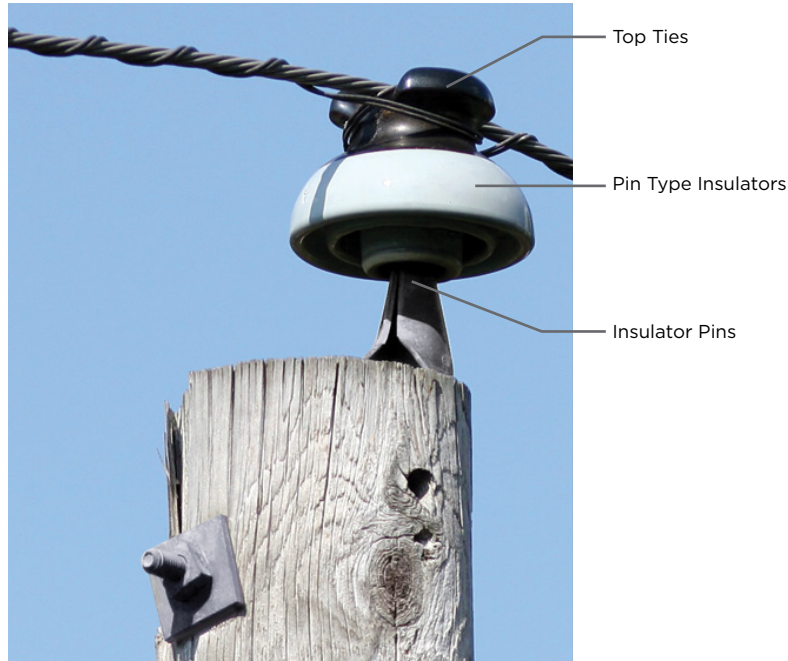


Products You Can Depend On



Porcelain pin-type insulators represent a practical solution for your distribution requirements, accommodating low to medium voltage lines. These insulators are engineered to endure physical stress and various environmental conditions, thereby extending their operational lifespan. They are designed to function optimally across varied weather scenarios, making them suitable for power distribution networks in both urban and rural settings.

Another Option For Your Distribution Needs



Top Ties

Top Ties are designed to provide a uniform, resistive conductive attachment of covered conductors to pin type insulators in top tie applications.

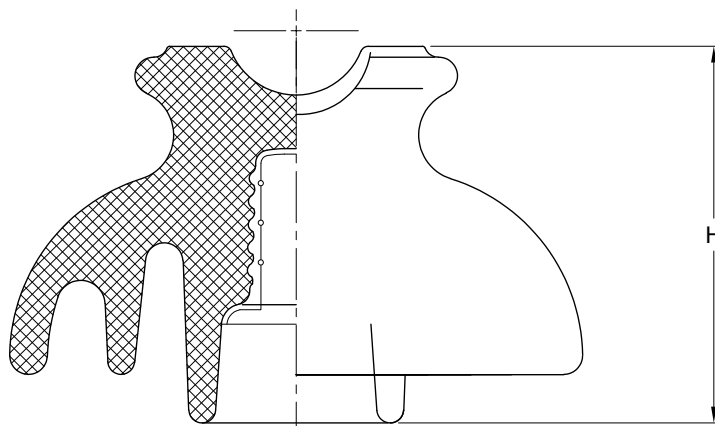
Pin Type Insulators

- Single piece design
- Compact design
- Available through the distribution center
- Tested to industry standard

Insulator Pins

Insulator pins are used to support pin type insulator with the internal thread mounted on crossarms.

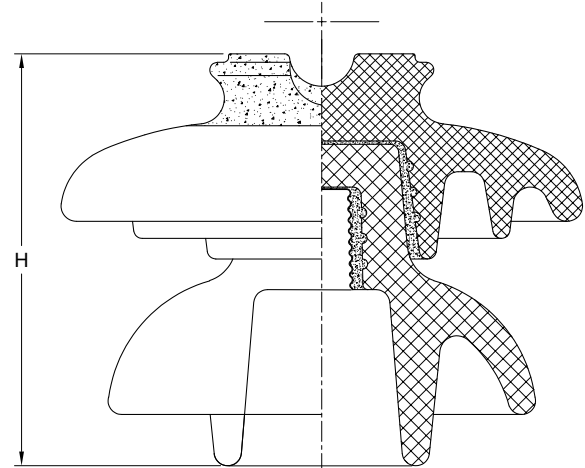
Porcelain Pin Type Mechanical Characteristics



Mechanical Characteristics

Catalog Number	ANSI Class	ANSI C29.5 & C29.6 Neck Type	Cantilever Strength lbs (kN)	Maximum Height (H) Inches (mm)	Minimum Pin Height inches (mm)	Pinhole Diameter inches (mm)	Dry Arc Distance inches (mm)	Leakage Distance inches (mm)	Standard Package Quantity	Weight Per Unit lbs (kg)
PSPT552	55-2	C	2500 (11.1)	3.25 (83)	4.0 (102)	1.0 (25.4)	3.4 (86)	5.0 (127)	40	1.6 (0.73)
PSPT553	55-3	C	2500 (11.1)	3.75 (95.3)	5.0 (127)	1.0 (25.4)	4.5 (114)	7.0 (178)	18	2.4 (1.09)
PSPT554	55-4	F	3000 (13.3)	4.37 (111)	5.0 (127)	1.0 (25.4)	5.0 (127)	9.0 (228)	12	4.1 (1.86)
PSPT555	55-5	F	3000 (13.3)	4.9 (124)	6.0 (152)	1.0 (25.4)	6.25 (159)	12.0 (305)	8	6.4 (2.90)
PSPT556	55-6	J	3000 (13.3)	5.5 (140)	7.5 (191)	1.0 (25.4)	8.0 (203)	15.0 (381)	4	9.1 (4.15)
PSPT557	55-7	J	3000 (13.3)	5.5 (140)	7.5 (191)	1 -3/8 (34.9)	8.0 (203)	15.0 (381)	4	9.5 (4.31)
PSPT561	56-1	J	2500 (11.1)	5.75 (146)	6.0 (152.4)	1 -3/8 (34.9)	7.0 (178)	13.0 (330)	6	7.9 (3.58)
PSPT562	56-2	K	3000 (13.3)	6.5 (165)	7.0 (178)	1 -3/8 (34.9)	8.3 (210)	17.0 (432)	4	6.0 (2.72)
PSPT563	56-3	K	3000 (13.3)	7.30 (183)	8.0 (203)	1 -3/8 (34.9)	9.5 (241)	21.0 (533)	3	18.7 (8.5)
PSPT564	56-4	K	3000 (13.3)	9.5 (241)	10.0 (254)	1 -3/8 (34.9)	11.25 (286)	27.0 (686)	2	23.8 (10.8)

Porcelain Pin Type Electrical Characteristics



Electrical Characteristics

Catalog Number	Typical System Voltage (kV)	Low Frequency Flashover Dry (kV)	Low Frequency Flashover Wet (kV)	Critical Impulse Flashover Positive (kV)	Critical Impulse Flashover Negative (kV)	Low Frequency Puncture Voltage (kV)	Low Frequency Test Voltage RMS to Ground (kV)	Maximum RIV at 1000 kHz (μV)
PSPT552	7.2	45	25	70	85	70	5	50
PSPT553	13.2	55	30	90	110	90	10	50
PSPT554	13.2	65	35	105	130	95	10	50
PSPT555	13.2	80	45	130	150	115	15	100
PSPT556	23	100	50	150	170	135	22	100
PSPT557	23	100	50	150	170	135	22	100
PSPT561	23	95	60	150	190	130	15	100
PSPT562	23	110	70	175	225	145	22	100
PSPT563	34.5	125	80	200	265	165	30	100
PSPT564	46	140	95	225	310	185	30	200

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Hubbell Power Systems, Inc. (HPS) manufactures a wide variety of transmission, distribution, substation, OEM and telecommunications products used by utilities.

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