

PORCELAIN STATION POST INSULATORS

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Porcelain Station Post Insulators for systems from 13.8 kV up to 400 kV according to CFE 52810-32 specification. EPRECSA trademark.

Short description			CP-8125	CP-8-150	CP-8-170	CP-8-200	CP-8-250	CP-6-550	CP-6-650	CP-6-1050	CP-6-1175	CP-6-1300	CP-6-1425	CP-6-1550
Rated System Voltage (kV)			13.8	23	23	34.5	34.5	115	115	230	230	230	400	400
Max. Design Voltage (kV)			15.5	27	27	38	38	123	123	245	245	245	420	420
Insulation Withstand Voltage	Lightning impulse (kV)		135	171	170	225	261	654	730	1 246.1	1 175	1 300	1 741	1 802
	Switching Impulse in Wet (kV)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	750	850	950	950	1 154
	Power Frequency in Wet (kV)		67	77	70	134	95	230	275	460	N/A	N/A	N/A	N/A
Radio-Interference	Power Frequency Voltage Test (kV)		10	15	15	22	22	71	90	141	141	242	255	255
	Max. μV to 1000 kHz		6.72	6.2	100	5.85	5.85	5.34	143.6	3.95	500	500	500.5	500.5
Mechanical Failing load	Bending (N)		9 900	12 500	8 000	12 323	8 560	10 190	12 470	6 050	6 000	6 000	6 500	6 710
	Torsion (N.m)		2 818	5 708	2 000	3 452	2 840	8 840	8 000	7 990	3 000	3 000	6 500	6 500
Dimensions	Creepage Distance (mm)	Type II	455	712	675	990	1 030	3 400	3 900	6 500	6 125	6 125	11 050	10 830
		Type III	550	860	850	1 250	1 230	3 813	3 813	7 950	7 595	7 595	13 780	13 633
	Insulator Height (mm)		305	355	445	475	560	1 120	1 500	2 300	2 650	2 900	3 150	3 350
	Diameter of the insulated part (mm)	Type II	150	180	195	193	190	212	225	245	450	450	255	270
		Type III	170	195	205	210	212	245	235	250	450	450	325	309
	Diameter between centers of top base		76	76	76	76	127	127	127	127	127	127	127	127
Diameter between centers of bottom		76	76	76	76	127	127	127	127	254	254	254	254	254
Recommended altitude of instalation (m.a.s.l)			0-1 500	0-1 500	1 501-2 500	0-1 500	1 501-2 500	0-1 500	1 501 - 2 500	0-1 000	1 001-1 500	1 501-2 500	1 001-1 500	1 501-2 500

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