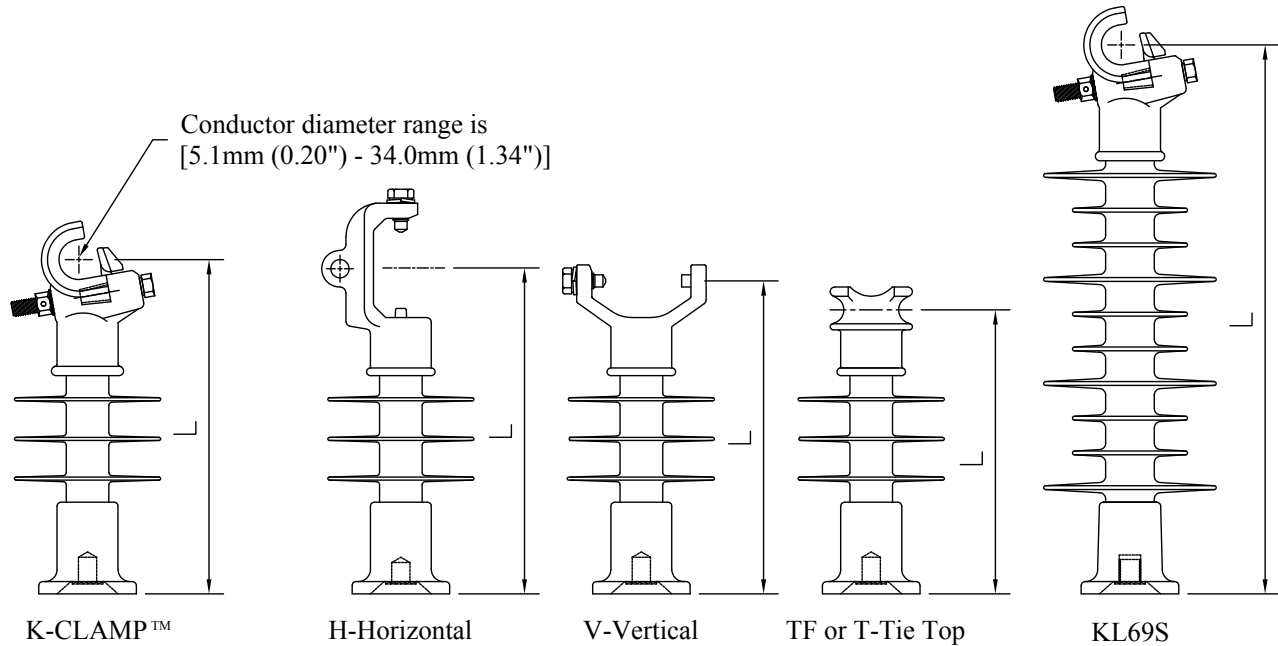


LINE POST INSULATORS



TECHNICAL DATA

SPECIFICATION	UNIT	CATALOGUE NUMBER*							
		KL15S_	KL28S_	KL35S_	KL46S_	KL69S_P	KL69S_	KL69S_P1	
Voltage Class	kV	15	28	35	46	69	69	69	
CSA Class	-	LP15	-	LP28M	LP46	LP46M	LP46M	LP69M	
ANSI Class	-	51-1C, 51-1F, 51-11, 51-21, 51-31	51-2C, 51-2F, 51-12, 51-22 51-32	51-3C, 51-3F, 51-13, 51-23, 51-33	51-4C, 51-4F, 51-14, 51-24, 51-34	51-15, 51-25, 51-35	51-15, 51-25, 51-35	51-16, 51-26, 51-36	
Section Length (L)***	mm (in)	297 (11.7)	348 (13.7)	424 (16.7)	500 (19.7)	571 (22.5)	619 (24.4)	694 (27.3)	
Dry Arcing Distance	mm (in)	138 (5.4)	184 (7.2)	264 (10.4)	339 (13.3)	445 (17.5)	478 (18.8)	551 (21.7)	
Leakage Distance	mm (in)	275 (10.8)	420 (16.5)	657 (25.9)	860 (33.9)	1171 (46.1)	1121 (44.1)	1511 (59.5)	
Positive Critical Impulse Flashover	kV	130	160	195	240	300	310	360	
Low-Frequency Flashover	Dry	kV	75	95	120	145	190	205	235
	Wet		42	65	85	115	150	160	190
Radio Influence Voltage (RIV) at 1000 kHz	Test	kV	10	15	22	30	30	30	45
	Max	µV	2.5	2.5	2.5	2.5	2.5	2.5	6
Specified Tensile Load (STL)	kN (lb)	22 (5000)	22 (5000)	22 (5000)	22 (5000)	22 (5000)	22 (5000)	22 (5000)	
Specified Cantilever Load (SCL)	kN (lb)	12.5 (2800)	12.5 (2800)	12.5 (2800)	12.5 (2800)	12.0 (2700)	14.0 (3150)	11.0 (2475)	
Max. Design Cantilever Load (MDCL)	kN (lb)	6 (1350)	6 (1350)	6 (1350)	6 (1350)	6.0 (1350)	7.0 (1575)	5.5 (1240)	
Number of Sheds	-	2	3	5	6	10	10	13	
Approx. Weight	kg (lb)	4.1 (9.0)	4.3 (9.5)	4.8 (10.5)	5.8 (12.8)	7.0 (15.4)	10.1 (22.2)	8.4 (18.4)	
Standard Packaging	-	3	3	3	3	3	2	2	

* Ordering Information

To catalogue number, add suffix **H** for horizontal, **V** for vertical, **T** for C-neck Tie-top, **TF** for the F-neck Tie-top, or **K** for K-CLAMP™. The standard base thread is 3/4"-10 UNC, except for KL69S_P1 it has 7/8"-9 UNC. Different base threads are available upon request.

** For KL69S_P & KL69S_P1 insulators with 3/4" threaded base, a minimum Grade 5 bolt or stud must be used.

*** Section lengths are for K-CLAMP™ insulators. For others refer to Section Length Adjustment Table under End Fittings.



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