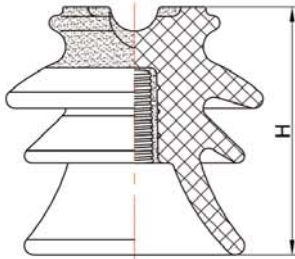


# POWER SYSTEM

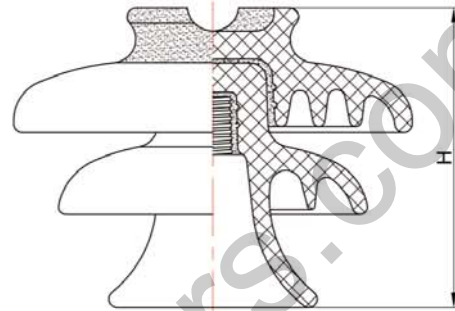


## 3.3 Pin type insulators BS standard

Type	Unit	P-11-Y		P-15-Y	
Figure No.		3.3.1			
Insulator type		Plain	Radio Freed	Plain	Radio Freed
Nominal system voltage	kV	11		15	
Total creepage distance	mm	254		298	
Protect creepage distance	mm	102		133	
Height "H"	mm	130		137	
Cantilever strength	kN	11		11	
Power-frequency flashover voltage	Dry	75		80	
	Wet	50		55	
50% impulse flashover voltage	Positive	115		130	
	Negative	150		175	
Power-frequency puncture voltage	kV	150		150	
Radio-influence voltage data	Test voltage to ground	15	15	15	15
	Maximum RIV at 1,000kHz	8.000	100	8.000	100
Dimension of pin head		Small Steel Head			
Net weight	kg	1.7		2.0	
Applicable standard		BS 137			



▪ FIG 3.3.1



▪ FIG 3.3.2

Pin type insulators

3.3 Pin type insulators BS standard

P-22-Y		P-33-Y		P-33-Y		P-44-Y	
3.3.1				3.3.2			
Plain	Radio Freed	Plain	Radio Freed	Plain	Radio Freed	Plain	Radio Freed
22		33		33		44	
432		630		699		864	
200		381		381		483	
165		280		244		318	
11		11		11		14	
100		130		130		155	
60		85		95		110	
160		185		215		240	
205		260		290		305	
145		185		210		250	
22	22	22	22	30	30	44	44
12.000	100	16.000	200	16.000	200	25.000	200
Large Steel Head specified in B.S							
2.3		11.5		10.0		13.6	
BS 137							