

Support Insulator Part Number Cheat Sheet

General Structure: [1] - [2–4] - [5–8] - [9] [10] [11] - [12–14]

Example: N-015-0230-BSG-105

Position	Meaning	Codes / Values
1	Material Type / Manufacturer	N = Epoxy I = Porcelain
2–4	Voltage Class (kV)	002 = 2.5 kV 005 = 5 kV 008 = 8 kV 015 = 15 kV 020 = 20 kV 025 = 25 kV 035 = 35 kV
5–8	Creepage Distance (mm)	Four-digit number, e.g., 0230 = 230 mm
9	Composition Type	A = Indoor Epoxy B = Outdoor Epoxy (Cycloaliphatic) P = Porcelain
10	Insert Material	B = Brass A = Aluminum Z = Zinc-coated steel (12L14) S = 304 SST C = Copper
11	Color	B = Brown G = Gray R = Red K = Black
12	Center Insert Size	0 = None 1 = $\frac{1}{2}$ " 2 = $\frac{5}{8}$ " 3 = $\frac{3}{8}$ " 4 = $\frac{3}{4}$ "
13–14	Insert Counts (Top & Bottom)	Two digits: number of inserts on top and bottom (e.g., 05 = 5 top, 5 bottom)

Center Insert Configuration "O" - None							
							
	Top 1	2	2A	3	3A	4	5
	Bottom 1						
	2	02	11			14	
	3						
	4	23	23			04	
	5						

Center Insert Size/Configuration								
		1 = 1/2"	2 = 5/8"		3 = 3/8"		4 = 3/4"	
								
		Top						
		1	2	2A	3	3A	4	5
	Bottom							
	1	01	06	06	07	07	08	09
	2	10			12	13		15
	3	16	17	18	03	19	20	21
	4	22			24	24		25
	5	26	27	27	28	28	29	05

Examples

Example Part #	Breakdown
N-015-0230-BSG-105	N = Epoxy 015 = 15 kV 0230 = 230 mm creepage B = Outdoor Epoxy S = 304 SST inserts G = Gray 105 = ½" center insert, 5 top / 5 bottom
N-015-0230-BSG-225	N = Epoxy 015 = 15 kV 0230 = 230 mm creepage B = Outdoor Epoxy S = 304 SST inserts G = Gray 225 = ¾" center insert, 5 top / 4 bottom