

82 & 83 SERIES BUSHING NUMBERING SYSTEM

B-82111 = 15 kV, 110BIL, 1200 AMP WITH 10.00 MIN. OIL LEVEL OR C.T. POCKET LENGTH (RED B.C.)

No.	kV	BIL
82 SERIES	15	110
1	15	110
2	25	150
3	34.5	200
4	46	250
5	69	350
6	92	450
7	115	550
8	138	650
9	161	750
83 SERIES	180	800
1	196	900
2	230	1050
3		1175
4	345	1300
5		1425
6		1550
7		1675
8	500	1800
9		1925

No.	CURRENT RATING (AMP)
0	400
1	1200
2	2000
3	3000
4	
5	1600
6	
7	
8	
9	600

No.	MIN. OIL LEVEL OR C.T. POCKET
0	MISC.
1	10.00
2	16.50
3	21.00
4	10.00
5	16.50
6	21.00
7	1.00
8	
9	

No's 1 - 3 APPLIES TO A REDUCED B.C.

No's 4 - 6 APPLIES TO A NEMA B.C.

No. 7 APPLIES TO A GROUND SLEEVE IS AIR TO GAS

SUFFIX	DESCRIPTION	SUFFIX	DESCRIPTION
1	OUTDOOR AIR TO INDOOR AIR	16	
2	OUTDOOR AIR TO OUTDOOR AIR	17	
3	OIL TO OIL	18	
4	INDOOR AIR TO INDOOR AIR	19	
5		20	
6	TIN PLATED STUD	21	
7	ASKAREL RESISTANCE COATING	22	6.50" B.C., LOWER LENGTH ERC, 2.00" THREAD
8	HIGH CREEPAGE	23	
9	HIGH ALTITUDE	24	
10	AIR TO OIL, HORIZONTAL MOUNTING WITH TANK	25	FRENCH NAME PLATE , FRENCH INSTRUCTIONS
11	AIR TO INDOOR AIR, HORIZONTAL MOUNTING WITH TANK	26	
12	OIL OR SF6 GAS TO OIL OR SF6 GAS	27	
13	OIL TO SF6 GAS OR OIL	28	
14		29	
15		30	

SUFFIX	DESCRIPTION	SUFFIX	DESCRIPTION
31		86	1"-14 THREAD BOTTOM, 1 1/2"-12 THREAD AT TOP
32		87	1 3/4"-12 THREAD TOP AND BOTTOM TERMINALS
33		88	1 1/4"-12 THREAD TOP AND BOTTOM TERMINALS
37		89	3"-12 THREAD TERMINAL ADAPTOR BOTH ENDS
38		90	1"-14 THREAD BOTTOM TERMINAL
39		91	3/4"-16 THRED BOTTOM TERMINAL, SPECIAL CURRENT RATING
40		92	1.50"-12 THREAD TOP AND BOTTOM TERMINALS
41	FOR HYDRO QUEBEC, FRENCH NAME PLATE, FRENCH INSTRUCTIONS	93	2"-12 THREAD BOTTOM TERMINAL
42		94	1 1/2" O.D. COMPRESSION TERMINAL BOTH ENDS, 7.25" B.C. IN PLACE OF 6.00"
43		95	SPECIAL BLADE DESIGN AT BOTTOM END
44		96	1 1/8" THREAD BOTTOM TERMINAL
45		97	2"-12 THREADED TOP AND BOTTOM TERMINALS, LONGER ABOVE AND BELOW FLANGE
46		98	COMBINATION OF -82 AND 1 1/2"-12 THREAD TOP TERMINAL
47		99	OIL OR SF6 GAS TO OIL OR SF6 GAS, 1.12" DIAMETER HOLES ON MOUNTING FLANGE
48		100	NO GROUND SLEEVE, 145 kV, AIR TO SF6 GAS
49		101	.50" LONGER THREAD LENGTH AT BOTTOM TERMINAL
50	PROPOSED NEMA STANDARD, 15 kV	102	COPPER CONDUCTOR, OIL OR SF6 GAS TO OIL OR SF6 GAS, SMOOTH TOP TERMINAL DESIGN WITH VENT HOLE IN FLANGE
51	PROPOSED NEMA STANDARD, 600AMP, 15 kV	103	3 HOLE FLANGE
52	115 kV, 2500AMP, 13.00" GROUND SLEEVE, OIL TO OIL	104	COMBINATION OF -55, 1 1/4"-12 BOTTOM TERMINAL ADAPTOR
53	NO PORCELAIN, GLASS OR TOP CAP	105	1000 AMP CURRENT RATING, 7/8"-12 THREADED BOTTOM TERMINAL
54	1.00" GROUND SLEEVE AND Ø13.50" GROUND SLEEVE	106	3/4"-10 THREADED TOP TERMINAL, AND CSA DRAW LEAD TERMINAL
55	7.25" B.C. IN PLACE OF 6.00" B.C.	107	1.25 G.E. CANADA FLANGE DESIGN, G.E. CANADA NAME PLATE, STAMPED USING G.E. CANADA CATALOG NUMBER, LONGER ABOVE AND BELOW FLANGE LENGTHS
56	7.50" GROUND SLEEVE, 9.00" INSULATION, 2.00" THREAD	108	COMBINATION OF -25 AND -107
57	7.50" GROUND SLEEVE, 9.00" INSULATION, 1.75" THREAD	109	BRASS FLANGE
58	THRU STUD - .88" DIAMETER	110	COMBINATION OF -10, -91, AND LONGER BELOW FLANGE LENGTH
59	EXPERIMENTAL COPPER STUD 1.25"	111	COMBINATION OF -12 AND 2"-12 THREAD TOP AND BOTTOM TERMINALS
60	EXPERIMENTAL ALUMINUM STUD 1.50"	112	COMBINATION OF -107 AND 2.40" DIAMETER "D" MAX.
61	AIR TO OIL, HORIZONTAL MOUNTING WITH TANK, 7.25" B.C. IN PLACE OF 6.00" B.C.	113	COMBINATION OF -25 AND -112
62	1.00" GROUND SLEEVE, SAME AS -54	114	COMBINATION OF -3, 1 1/2"-12 TOP TERMINAL AND DRAW LEAD TERMINAL
63	1.00" GROUND SLEEVE, 15.75" B.C., 23.00" BELOW FLANGE	115	COMPRESSION TYPE TOP TERMINAL, LONGER BELOW FLANGE
64	GAS TO OIL, DOUBLE FLANGE	116	1.25 DEGREE G.E. FLANGE DESIGN, LONGER ABOVE AND BELOW FLANGE, 2.40" DIA, "D" MAX. (Ref. -107)
65	RATING 5 kV, 3150AMPS	117	COMBINATION OF -10, 2.00" LONGER BELOW FLANGE, .94" DIA. SMOOTH BOTTOM TERMINAL
66	1.00" GROUND SLEEVE, COPPER CONDUCTOR, HIGH CREEPAGE	118	2 1/4"-12 THREAD TOP AND BOTTOM TERMINALS, 1.00 LONGER BELOW FLANGE LENGTH
67	SPECIAL BOTTOM TERMINAL	119	2"-12 THREAD TOP AND BOTTOM TERMINALS, .75" LONGER BELOW FLANGE LENGTH
68	SPECIAL BOTTOM TERMINAL	120	.88"-12 THREADED BOTTOM TERMINAL
69	SLOTTED FLANGE MOUNTING HOLES	121	OIL OR SF6 GAS TO OIL OR SF6 GAS WITH SMOOTH TOP TERMINAL
70	LIGHT GRAY No. 70 GLAZE	122	SQUARE FLANGE
71		123	1 1/2"-12 UNF-2A THREADED AT OIL END
72	UPPER PORCELAIN CONDUCTIVE GLAZE, SPECIAL kV APPLICATION MARKED ON DRAWING	124	COMBINATION OF -10 AND -122
73	NO PORCELAIN, GLASS OR TOP CAP W/ POWER FACTOR TAP	125	.62" LONGER ABOVE FLANGE, 1.00" LONGER BELOW FLANGE, 2.88" DIA. "P" DIMENSION, FLUOROCARBON O-RINGS AND SILICONE GASKETS
74	.62" DIAMETER FLANGE MOUNTING HOLES	126	COMBINATION OF -41 AND -116
75	SPECIAL TERMINAL - BOTH ENDS	127	2"-12 THREAD TOP AND BOTTOM TERMINALS, 1.00" LONGER BELOW FLANGE LENGTH
76	OIL-LESS, OUTDOOR AIR TO INDOOR AIR, DERATED kV	128	1/2"-13 THREAD BOTTOM END, JAM NUTS INCLUDED
77	3 HOLE FLANGE, 5.75" B.C., LOWER LENGTH = 16.00"	129	1 1/8"-12 THREAD TOP AND BOTTOM TERMINALS, 1.69" SHORTER BELOW FLANGE LENGTH, 3 HOLES .69" DIA. ON 5.75 B.C., 115 DEGREE SPACING, SPECIAL FLANGE MOUNTING SURFACE
78	1 1/2"-12 THREAD TOP TERMINAL	130	.62" LONGER ABOVE FLANGE LENGTH, Ø2.88" "P" DIMENSION
79	4 HOLE FLANGE, 1"-14 THREAD, 8.25" B.C.	131	2 1/4 -12 THREAD TOP TERMINAL
80	SIEMENS NAME PLATE	132	3300 AMP SPECIAL CURRENT RATING
81	G.E. FLANGE DESIGN	133	COMBINATION OF -10, 2-12 THREAD TOP & BOTTOM, SILVER PLATED BOTTOM TERMINAL
82	LONGER THREAD LENGTH AT BOTTOM TERMINAL		
83	1"-14 THREAD AT TOP AND BOTTOM		
84	1 1/4"-12 BOTTOM THREAD, 3.75" MIN. USABLE, 2.00" SMOOTH TOP TERMINAL		
85	1 1/8"-12THREAD AT BOTH ENDS, 3 HOLE MOUNTING FLANGE		