

Style numbers and technical data for housings

Vertical mounting styles with standard creepage distance

Surge Arrester IEEE Ratings V_r / V_{MCOV} (kV)	Style Number	Creepage Distance inches (mm)	Strike Distance inches (mm)	BIL 1.2/50 μ s dry kV _{peak}	Weight (Mass) lbs (kg)	A max inches (mm)	Fig
3.0 / 2.55	Q003SA002A	11.2 (284)	7.7 (197)	120	18 (8.2)	14.42 (367)	1
4.0 / 3.40	Q004SA003A	11.2 (284)	7.7 (197)	120	18 (8.2)	14.42 (367)	1
5.0 / 4.25	Q005SA004A	11.2 (284)	7.7 (197)	120	18 (8.2)	14.42 (367)	1
6.0 / 5.10	Q006SA005A	11.2 (284)	7.7 (197)	120	18 (8.2)	14.42 (367)	1
7.0 / 5.95	Q007SA006A	11.2 (284)	7.7 (197)	120	18 (8.2)	14.42 (367)	1
8.0 / 6.80	Q008SA007A	11.2 (284)	7.7 (197)	120	18 (8.2)	14.42 (367)	1
9.0 / 7.65	Q009SA008B	11.2 (284)	7.7 (197)	120	18 (8.2)	14.42 (367)	1
10 / 8.40	Q010SA008B	11.2 (284)	7.7 (197)	120	18 (8.2)	14.42 (367)	1
12 / 10.2	Q012SA010A	23.6 (599)	11.6 (297)	175	22 (10)	18.36 (466)	1
15 / 12.7	Q015SA012A	23.6 (599)	11.6 (297)	175	22 (10)	18.36 (466)	1
18 / 15.3	Q018SA015A	23.6 (599)	11.6 (297)	175	22 (10)	18.36 (466)	1
21 / 17.0	Q021SA017B	23.6 (599)	11.6 (297)	175	22 (10)	18.36 (466)	1
24 / 19.5	Q024SA019A	42 (1067)	17.6 (447)	250	33 (15)	24.27 (616)	1
27 / 22.0	Q027SA022A	42 (1067)	17.6 (447)	250	33 (15)	24.27 (616)	1
30 / 24.4	Q030SA024A	42 (1067)	17.6 (447)	250	33 (15)	24.27 (616)	1
33 / 27.0	Q033SA027A	42 (1067)	17.6 (447)	250	33 (15)	24.27 (616)	1
36 / 29.0	Q036SA029A	42 (1067)	17.6 (447)	250	33 (15)	24.27 (616)	1
39 / 31.5	Q039SA031B	42 (1067)	17.6 (447)	250	33 (15)	24.27 (616)	1
42 / 34.0	Q042SA034B	42 (1067)	17.6 (447)	250	33 (15)	24.27 (616)	1
45 / 36.5	Q045SA037A	66.7 (1694)	25.5 (647)	350	47 (22)	32.14 (816)	1
48 / 39.0	Q048SA039A	66.7 (1694)	25.5 (647)	350	47 (22)	32.14 (816)	1
51 / 41.0	Q051SA041A	66.7 (1694)	25.5 (647)	350	47 (22)	32.14 (816)	1
54 / 42.0	Q054SA042A	66.7 (1694)	25.5 (647)	350	47 (22)	32.14 (816)	1
55 / 44.0	Q055SA044A	66.7 (1694)	25.5 (647)	350	47 (22)	32.14 (816)	1
60 / 48.0	Q060SA048A	66.7 (1694)	25.5 (647)	350	47 (22)	32.14 (816)	1
66 / 53.0	Q066SA053A	66.7 (1694)	25.5 (647)	350	47 (22)	32.14 (816)	1
72 / 57.0	Q072SA057A	84 (2134)	35.7 (907)	500	62 (29)	42.38 (1076)	2
75 / 60.0	Q075SA060A	84 (2134)	35.7 (907)	500	62 (29)	42.38 (1076)	2
78 / 63.0	Q078SA063A	84 (2134)	35.7 (907)	500	62 (29)	42.38 (1076)	2
81 / 65.0	Q081SA065A	84 (2134)	35.7 (907)	500	62 (29)	42.38 (1076)	2
84 / 68.0	Q084SA068A	84 (2134)	35.7 (907)	500	62 (29)	42.38 (1076)	2
90 / 70.0	Q090SA070A	108.7 (2761)	43.6 (1107)	600	76 (35)	50.25 (1276)	2
94 / 73.0	Q094SA073A	108.7 (2761)	43.6 (1107)	600	76 (35)	50.25 (1276)	2
96 / 76.0	Q096SA076B	108.7 (2761)	43.6 (1107)	600	76 (35)	50.25 (1276)	2
102 / 82.0	Q102SA082B	108.7 (2761)	43.6 (1107)	600	76 (35)	50.25 (1276)	2
108 / 84.0	Q108SA084D	108.7 (2761)	43.6 (1107)	600	76 (35)	50.25 (1276)	2
108 / 88.0	Q108SA088B	108.7 (2761)	43.6 (1107)	600	76 (35)	50.25 (1276)	2
114 / 92.0	Q114SA092B	133.4 (3398)	51.5 (1307)	700	90 (41)	58.12 (1476)	2
120 / 98.0	Q120SA098D	133.4 (3398)	51.5 (1307)	700	90 (41)	58.12 (1476)	2
129 / 104	Q129SA104B	133.4 (3398)	51.5 (1307)	700	90 (41)	58.12 (1476)	2
132 / 106	Q132SA106D ¹	133.4 (3398)	51.5 (1307)	700	90 (41)	58.12 (1476)	2
132 / 106	Q132SA106E	133.4 (3398)	39.7 (1009)	700	94 (43)	58.62 (1489)	3
138 / 111	Q138SA111B	150.7 (3828)	50.0 (1269)	850	109 (50)	68.86 (1749)	4
144 / 115	Q144SA115C	150.7 (3828)	50.0 (1269)	850	109 (50)	68.86 (1749)	4
150 / 121	Q150SA121B	150.7 (3828)	50.0 (1269)	850	109 (50)	68.86 (1749)	4
168 / 131	Q168SA131C	175.4 (4455)	57.8 (1469)	950	123 (56)	76.73 (1949)	4
172 / 140	Q172SA140C	175.4 (4455)	57.8 (1469)	950	123 (56)	76.73 (1949)	4
180 / 144	Q180SA144B	200.1 (5082)	65.7 (1669)	1050	137 (63)	84.61 (2149)	4
192 / 152	Q192SA152C	200.1 (5082)	65.7 (1669)	1050	137 (63)	84.61 (2149)	4
198 / 160	Q198SA160B	200.1 (5082)	65.7 (1669)	1050	137 (63)	84.61 (2149)	4

¹ For 145 kV maximum systems only