

VariSTAR™ Surge Arrester Cross Reference Tables

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Powering Business Worldwide

Intermediate-Class Cross Reference

UltraSIL Polymer-Housed VariSTAR Type UI Current to Previous Designs

UltraSIL VariSTAR Type UI				Porcelain Type ZAF1 (Discontinued June 1, 2011)
Current Long Form	Current Short Form	Long Form (Old Design)	Short Form (Old Design)	
UIAA003002A0645A11	UIAA003A	UI0030020631A11	UI003A	AZF1A3
UIAA006005A0645A11	UIAA006A	UI0030020631A11	UI006A	AZF1A60
UIAA009007A0845A11	UIAA009A	UI0090070831A11	UI009A	AZF1A9
UIAA010008A0845A11	UIAA010A	UI0100080831A11	UI010A	AZF1A10
UIAA012010A0845A11	UIAA012A	UI0120101031A11	UI012A	AZF1A12
UIAA015012A0845A11	UIAA015A	UI0150121231A11	UI015A	AFZ1A15
UIAA018015A1045A11	UIAA018A	UI0180151231A11	UI018A	AZF1A18
UIAA021017A1045A11	UIAA021A	UI0210171231A11	UI021A	AZF1A21
UIAA024019A1245A11	UIAA024A	UI0240191431A11	UI024A	AZF1A24
UIAA027022A1445A11	UIAA027A	UI0270221631A11	UI027A	AZF1A27
UIAA030024A1445A11	UIAA030A	UI0300241831A11	UI030A	AZF1A30
UIAA033027A1645A11	UIAA033A	UI0330271831A11	UI033A	AZF1A33
UIAA036029A1645A11	UIAA036A	UI0360291831A11	UI036A	AZF1A36
UIAA039031A1845A11	UIAA039A	UI0390312031A11	UI039A	AZF1A39
UIAA045036A2045A11	UIAA045A	UI0450362231A11	UI045A	AZF1A45
UIAA048039A2245A11	UIAA048A	UI0480392631A11	UI048A	AZF1A48
UIAA054042A2245A11	UIAA054A	UI0540422631A11	UI054A	AZF1A54
UIAA060048A2645A11	UIAA060A	UI0600483031A11	UI060A	AZF1A60
UIAA072057A2845A11	UIAA072A	UI0720574031A11	UI072A	AZF1A72
UIAA090070A3845A11	UIAA090A	UI0900704631A11	UI090A	AZF1A90
UIAA096076A4045A11	UIAA096A	UI0960764831A11	UI096A	AZF1A96
UIAA108084A4445A11	UIAA108A	UI1080845431A11	UI108A	AZF1A108
USAA120098A5245A11	USAA120A	US1200986045A11	US120A	AZF1A120

Note: Standard line terminal for the UltraSIL Polymer-Housed Intermediate-Class arrester is now the 4-hole-style NEMA connector.

Competitor Cross Reference Table to UltraSIL Polymer-Housed VariSTAR Type UI Intermediate-Class Surge Arresters

Arrester		Eaton	Hubbell		McLean	ABB
			PVIA	PVI-LP	ZIP	XPI-III
Rating	MCOV	Single impulse Energy Rating (of MCOV)				
(kV rms)		3.9 kJ/kV	3.6 kJ/kV	5.1 kJ/kV	5.0 kJ/kV	3.6 kJ/kV
3	2.55	UIAA003A (UIAA003002A0645A11)	3000033001	3008033001	ZIP003-1111	U003SA002B
6	5.1	UIAA006A (UIAA006005A0645A11)	3000053001	3008053001	ZIP006-1111	U006SA005B
9	7.65	UIAA009A (UIAA009007A0845A11)	3000083001	3008083001	ZIP009-1111	U009SA007B
10	8.4	UIAA010A (UIAA010008A0845A11)	3000093001	3008093001	ZIP010-1111	U010SA008B
12	10.2	UIAA012A (UIAA012010A0845A11)	3000103001	3008103001	ZIP012-1111	U012SA010B
15	12.7	UIAA015A (UIAA015012A0845A11)	3000133001	3008133001	ZIP015-1111	U015SA012B
18	15.3	UIAA018A (UIAA018015A1045A11)	3000153001	3008153001	ZIP018-1111	U018SA015B
21	17.0	UIAA021A (UIAA021017A1045A11)	3000173001	3008173001	ZIP021-1111	U021SA017B
24	19.5	UIAA024A (UIAA024019A1245A11)	3000193001	3008193001	ZIP024-1111	U024SA019B
27	22	UIAA027A (UIAA027022A1445A11)	3000223001	3008223001	ZIP027-1111	U027SA022B
30	24.4	UIAA030A (UIAA030024A1445A11)	3000243001	3008243001	ZIP030-1111	U030SA024B
33	27.5	UIAA033A (UIAA033027A1645A11)	-	-	ZIP033-1111	U036SA029B
36	29	UIAA036A (UIAA036029A1645A11)	3000293001	3008293001	ZIP036-1111	-
39	31.5	UIAA039A (UIAA039031A1845A11)	3000313001	3008313001	ZIP039-1111	-
42	34	UIAA042A (UIAA042034A1845A11)	-	-	ZIP042-1111	-
45	36.5	UIAA045A (UIAA045036A2045A11)	3000363001	3008363001	ZIP045-1111	-
48	39	UIAA048A (UIAA048039A2245A11)	3000393001	3008393001	ZIP048-1111	-
54	42	UIAA054A (UIAA054042A2245A11)	3000423001	3008423001	ZIP054-1111	-
60	48	UIAA060A (UIAA060048A2645A11)	3000483001	3008483001	ZIP060-1111	-
66	53	UIAA066A (UIAA066053A2645A11)	-	-	ZIP066-1111	-
72	57	UIAA072A (UIAA072057A2845A11)	3000573001	3008573001	ZIP072-1111	-
90	70	UIAA090A (UIAA090070A3845A11)	3000703001	-	ZIP090-1111	-
96	76	UIAA096A (UIAA096076A4045A11)	3000763001	-	ZIP096-1111	-
108	84	UIAA108A (UIAA108084A4445A11)	3000843001	-	ZIP108-1111	-

Note: Hubbell and Joslyn arrester part numbers may contain a four-digit suffix which references different mounting or connector options. For more information, please contact your regional product specialist.

Station-Class Polymer Cross Reference

UltraSIL Polymer-Housed VariSTAR Station-Class Surge Arresters Current Design Part Numbers

Arrester		Eaton		
Rating	MCOV	Current Design		
(kV rms)		3.9 kJ/kV	6.2 kJ/kV	10.0 kJ/kV
3	2.55	USAA003A (USAA003002A0845A11)	UHAA003A (UHAA003002A0845A11)	UXAA003A (UXAA003002A0845A11)
6	5.1	USAA006A (USAA006005A1045A11)	UHAA006A (UHAA006005A1045A11)	UXAA006A (UXAA006005A1045A11)
9	7.65	USAA009A (USAA009007A1045A11)	UHAA009A (UHAA009007A1045A11)	UXAA009A (UXAA009007A1045A11)
10	8.4	USAA010A (USAA010008A1045A11)	UHAA010A (UHAA010008A1045A11)	UXAA010A (UXAA010008A1045A11)
12	10.2	USAA012A (USAA012010A1245A11)	UHAA012A (UHAA012010A1245A11)	UXAA012A (UXAA012010A1245A11)
15	12.7	USAA015A (USAA015012A1245A11)	UHAA015A (UHAA015012A1245A11)	UXAA015A (UXAA015012A1245A11)
18	15.3	USAA018A (USAA018015A1445A11)	UHAA018A (UHAA018015A1445A11)	UXAA018A (UXAA018015A1445A11)
21	17.0	USAA021A (USAA021017A1445A11)	UHAA021A (UHAA021017A1445A11)	UXAA021A (UXAA021017A1445A11)
24	19.5	USAA024A (USAA024019A1645A11)	UHAA024A (UHAA024019A1645A11)	UXAA024A (UXAA024019A1645A11)
27	22	USAA027A (USAA027022A1645A11)	UHAA027A (UHAA027022A1645A11)	UXAA027A (UXAA027022A1645A11)
30	24.4	USAA030A (USAA030024A1845A11)	UHAA030A (UHAA030024A1845A11)	UXAA030A (UXAA030024A1845A11)
33	27.5	USAA033A (USAA033027A1845A11)	UHAA033A (UHAA033027A1845A11)	UXAA033A (UXAA033027A1845A11)
36	29	USAA036A (USAA036029A1845A11)	UHAA036A (UHAA036029A1845A11)	UXAA036A (UXAA036029A1845A11)
39	31.5	USAA039A (USAA039031A2245A11)	UHAA039A (UHAA039031A2245A11)	UXAA039A (UXAA039031A2245A11)
42	34	USAA042A (USAA042034A2245A11)	UHAA042A (UHAA042034A2245A11)	UXAA042A (UXAA042034A2245A11)
45	36.5	USAA045A (USAA045036A2445A11)	UHAA045A (UHAA045036A2445A11)	UXAA045A (UXAA045036A2445A11)
48	39	USAA048A (USAA048039A2645A11)	UHAA048A (UHAA048039A2645A11)	UXAA048A (UXAA048039A2645A11)
54	42	USAA054A (USAA054042A2645A11)	UHAA054A (UHAA054042A2645A11)	UXAA054A (UXAA054042A2645A11)
60	48	USAA060A (USAA060048A2845A11)	UHAA060A (UHAA060048A2845A11)	UXAA060A (UXAA060048A2845A11)
66	53	USAA066A (USAA066053A3045A11)	UHAA066A (UHAA066053A3045A11)	UXAA066A (UXAA066053A3045A11)
72	57	USAA072A (USAA072057A3245A11)	UHAA072A (UHAA072057A3245A11)	UXAA072A (UXAA072057A3245A11)
78	62	USAA078A (USAA078062A4045A11)	UHAA078A (UHAA078062A4045A11)	UXAA078A (UXAA078062A4045A11)
84	68	USAA084A (USAA084068A4445A11)	UHAA084A (UHAA084068A4445A11)	UXAA084A (UXAA084068A4445A11)
90	70	USAA090A (USAA090070A4645A11)	UHAA090A (UHAA090070A4645A11)	UXAA090A (UXAA090070A4645A11)
96	76	USAA096A (USAA096076A4845A11)	UHAA096A (UHAA096076A4845A11)	UXAA096A (UXAA096076A4845A11)
108	84	USAA108A (USAA108084A5245A11)	UHAA108A (UHAA108084A5245A11)	UX1AA08A (UXAA108084A5245A11)
120	98	-	USAA120A (USAA120098A5645A11)	UHAA120A (UHAA120098A5645A11)
132	106	-	USAA132A (USAA132106A6045A11)	UHAA132A (UHAA132106A6045A11)
138	111	-	USAA138A (USAA138111A6445A11)	UHAA138A (UHAA138111A6445A11)
144	115	-	USAA144A (USAA144115A6445A11)	UHAA144A (UHAA144115A6445A11)
162	130	-	USAA162A (USAA162130A8045A11)	UHAA162A (UHAA162130A8045A11)
168	131	-	USAA168A (USAA168131A8245A11)	UHAA168A (UHAA168131A8245A11)
172	140	-	USAA172A (USAA172140A8445A11)	UHAA172A (UHAA172140A8445A11)
180	144	-	USAA180A (USAA180144A8645A11)	UHAA180A (UHAA180144A8645A11)
192	152	-	USAA192A (USAA192152A8845A11)	UHAA192A (UHAA192152A8845A11)
198	160	-	USAA198A (USAA198160A9245A11)	UHAA198A (UHAA198160A9245A11)
204	165	-	USAA204A (USAA204165A9445A11)	UHAA204A (UHAA204165A9445A11)
216	174	-	USAA216A (USAA216174AA645A11)	UHAA216A (UHAA216174AA645A11)
228	180	-	USAA228A (USAA228180AB045A11)	UHAA228A (UHAA228180AB045A11)
234	187	-	-	-
240	190	-	USAA240A (USAA240190AB245A11)	UHAA240A (UHAA240190AB245A11)

Arrester		Eaton		
Rating	MCOV	Single impulse Energy Rating (of MCOV)		
(kV rms)		3.4 kJ/kV	5.5 kJ/kV	8.9 kJ/kV
3	2.55	US003A (US0030020845A11)	UH003A (UH0030020845A11)	UX003A (UX0030020845A11)
6	5.1	US006A (US0060051045A11)	UH006A (UH0060051045A11)	UX006A (UX0060051045A11)
9	7.65	US009A (US0090071045A11)	UH009A (UH0090071045A11)	UX009A (UX0090071045A11)
10	8.4	US010A (US0100081045A11)	UH010A (UH0100081045A11)	UX010A (UX0100081045A11)
12	10.2	US012A (US0120101245A11)	UH012A (UH0120101245A11)	UX012A (UX0120101245A11)
15	12.7	US015A (US0150121445A11)	UH015A (UH0150121445A11)	UX015A (UX0150121445A11)
18	15.3	US018A (US0180151445A11)	UH018A (UH0180151445A11)	UX018A (UX0180151445A11)
21	17.0	US021A (US0210171645A11)	UH021A (UH0210171645A11)	UX021A (UX0210171645A11)
24	19.5	US024A (US0240191845A11)	UH024A (UH0240191845A11)	UX024A (UX0240191845A11)
27	22	US027A (US0270221845A11)	UH027A (UH0270221845A11)	UX027A (UX0270221845A11)
30	24.4	US030A (US0300242045A11)	UH030A (UH0300242045A11)	UX030A (UX0300242045A11)
33	27.5	US033A (US0330272245A11)	UH033A (UH0330272245A11)	UX033A (UX0330272245A11)
36	29	US036A (US0360292245A11)	UH036A (UH0360292245A11)	UX036A (UX0360292245A11)
39	31.5	US039A (US0390312245A11)	UH039A (UH0390312245A11)	UX039A (UX0390312245A11)
42	34	US042A (US0420342445A11)	UH042A (UH0420342445A11)	UX042A (UX0420342445A11)
45	36.5	US045A (US0450362645A11)	UH045A (UH0450362645A11)	UX045A (UX0450362645A11)
48	39	US048A (US0480392645A11)	UH048A (UH0480392645A11)	UX048A (UX0480392645A11)
54	42	US054A (US0540422845A11)	UH054A (UH0540422845A11)	UX054A (UX0540422845A11)
60	48	US060A (US0600483045A11)	UH060A (UH0600483045A11)	UX060A (UX0600483045A11)
66	53	US066A (US0660534045A11)	UH066A (UH0660534045A11)	UX066A (UX0660534045A11)
72	57	US072A (US0720574445A11)	UH072A (UH0720574445A11)	UX072A (UX0720574445A11)
78	62	US078A (US0780624845A11)	UH078A (UH0780624845A11)	UX078A (UX0780624845A11)
84	68	US084A (US0840684845A11)	UH084A (UH0840684845A11)	UX084A (UX0840684845A11)
90	70	US090A (US0900705045A11)	UH090A (UH0900705045A11)	UX090A (UX0900705045A11)
96	76	US096A (US0960765245A11)	UH096A (UH0960765245A11)	UX096A (UX0960765245A11)
108	84	US108A (US1080845845A11)	UH108A (UH1080845845A11)	UX108A (UX1080845845A11)
120	98	-	US120A (US1200986045A11)	UH120A (UH1200986045A11)
132	106	-	US132A (US1321067645A11)	UH132A (UH1321067645A11)
138	111	-	US138A (US1381117845A11)	UH138A (UH1381117845A11)
144	115	-	US144A (US1441157845A11)	UH144A (UH1441157845A11)
162	130	-	US162A (US1621308645A11)	UH162A (UH1621308645A11)
168	131	-	US168A (US1681318645A11)	UH168A (UH1681318645A11)
172	140	-	US172A (US1721408845A11)	UH172A (UH1721408845A11)
180	144	-	US180A (US1801449045A11)	UH180A (UH1801449045A11)
192	152	-	US192A (US192152A445A11)	UH192A (UH192152A445A11)
198	160	-	US198A (US198160A845A11)	UH198A (UH198160A845A11)
204	165	-	US204A (US204165B045A11)	UH204A (UH204165B045A11)
216	174	-	US216A (US216174B445A11)	UH216A (UH216174B445A11)
228	180	-	US228A (US228180B645A11)	UH228A (UH228180B645A11)
234	187	-	-	-
240	190	-	US240A (US240190C045A11)	UH240A (UH240190C045A11)

Competitor Cross Reference Station-Class Polymer-Housed Surge Arresters

Arrester		Current Design		
Rating	MCOV			
(kV rms)		3.9 kJ/kV	6.2 kJ/kV	10.0 kJ/kV
3	2.55	USAA003A (USAA003002A0845A11)	UHAA003A (UHAA003002A0845A11)	UXAA003A (UXAA003002A0845A11)
6	5.1	USAA006A (USAA006005A1045A11)	UHAA006A (UHAA006005A1045A11)	UXAA006A (UXAA006005A1045A11)
9	7.65	USAA009A (USAA009007A1045A11)	UHAA009A (UHAA009007A1045A11)	UXAA009A (UXAA009007A1045A11)
10	8.4	USAA010A (USAA010008A1045A11)	UHAA010A (UHAA010008A1045A11)	UXAA010A (UXAA010008A1045A11)
12	10.2	USAA012A (USAA012010A1245A11)	UHAA012A (UHAA012010A1245A11)	UXAA012A (UXAA012010A1245A11)
15	12.7	USAA015A (USAA015012A1245A11)	UHAA015A (UHAA015012A1245A11)	UXAA015A (UXAA015012A1245A11)
18	15.3	USAA018A (USAA018015A1445A11)	UHAA018A (UHAA018015A1445A11)	UXAA018A (UXAA018015A1445A11)
21	17.0	USAA021A (USAA021017A1445A11)	UHAA021A (UHAA021017A1445A11)	UXAA021A (UXAA021017A1445A11)
24	19.5	USAA024A (USAA024019A1645A11)	UHAA024A (UHAA024019A1645A11)	UXAA024A (UXAA024019A1645A11)
27	22	USAA027A (USAA027022A1645A11)	UHAA027A (UHAA027022A1645A11)	UXAA027A (UXAA027022A1645A11)
30	24.4	USAA030A (USAA030024A1845A11)	UHAA030A (UHAA030024A1845A11)	UXAA030A (UXAA030024A1845A11)
33	27.5	USAA033A (USAA033027A1845A11)	UHAA033A (UHAA033027A1845A11)	UXAA033A (UXAA033027A1845A11)
36	29	USAA036A (USAA036029A1845A11)	UHAA036A (UHAA036029A1845A11)	UXAA036A (UXAA036029A1845A11)
39	31.5	USAA039A (USAA039031A2245A11)	UHAA039A (UHAA039031A2245A11)	UXAA039A (UXAA039031A2245A11)
42	34	USAA042A (USAA042034A2245A11)	UHAA042A (UHAA042034A2245A11)	UXAA042A (UXAA042034A2245A11)
45	36.5	USAA045A (USAA045036A2445A11)	UHAA045A (UHAA045036A2445A11)	UXAA045A (UXAA045036A2445A11)
48	39	USAA048A (USAA048039A2645A11)	UHAA048A (UHAA048039A2645A11)	UXAA048A (UXAA048039A2645A11)
54	42	USAA054A (USAA054042A2645A11)	UHAA054A (UHAA054042A2645A11)	UXAA054A (UXAA054042A2645A11)
60	48	USAA060A (USAA060048A2845A11)	UHAA060A (UHAA060048A2845A11)	UXAA060A (UXAA060048A2845A11)
66	53	USAA066A (USAA066053A3045A11)	UHAA066A (UHAA066053A3045A11)	UXAA066A (UXAA066053A3045A11)
72	57	USAA072A (USAA072057A3245A11)	UHAA072A (UHAA072057A3245A11)	UXAA072A (UXAA072057A3245A11)
78	62	USAA078A (USAA078062A4045A11)	UHAA078A (UHAA078062A4045A11)	UXAA078A (UXAA078062A4045A11)
84	68	USAA084A (USAA084068A4445A11)	UHAA084A (UHAA084068A4445A11)	UXAA084A (UXAA084068A4445A11)
90	70	USAA090A (USAA090070A4645A11)	UHAA090A (UHAA090070A4645A11)	UXAA090A (UXAA090070A4645A11)
96	76	USAA096A (USAA096076A4845A11)	UHAA096A (UHAA096076A4845A11)	UXAA096A (UXAA096076A4845A11)
108	84	USAA108A (USAA108084A5245A11)	UHAA108A (UHAA108084A5245A11)	UX1AA08A (UXAA108084A5245A11)
120	98	-	USAA120A (USAA120098A5645A11)	UHAA120A (UHAA120098A5645A11)
132	106	-	USAA132A (USAA132106A6045A11)	UHAA132A (UHAA132106A6045A11)
138	111	-	USAA138A (USAA138111A6445A11)	UHAA138A (UHAA138111A6445A11)
144	115	-	USAA144A (USAA144115A6445A11)	UHAA144A (UHAA144115A6445A11)
162	130	-	USAA162A (USAA162130A8045A11)	UHAA162A (UHAA162130A8045A11)
168	131	-	USAA168A (USAA168131A8245A11)	UHAA168A (UHAA168131A8245A11)
172	140	-	USAA172A (USAA172140A8445A11)	UHAA172A (UHAA172140A8445A11)
180	144	-	USAA180A (USAA180144A8645A11)	UHAA180A (UHAA180144A8645A11)
192	152	-	USAA192A (USAA192152A8845A11)	UHAA192A (UHAA192152A8845A11)
198	160	-	USAA198A (USAA198160A9245A11)	UHAA198A (UHAA198160A9245A11)
204	165	-	USAA204A (USAA204165A9445A11)	UHAA204A (UHAA204165A9445A11)
216	174	-	USAA216A (USAA216174A9645A11)	UHAA216A (UHAA216174A9645A11)
228	180	-	USAA228A (USAA228180A9845A11)	UHAA228A (UHAA228180A9845A11)
234	187	-	-	-
240	190	-	USAA240A (USAA240190AB245A11)	UHAA240A (UHAA240190AB245A11)

Note: Hubbell and Joslyn arrester part numbers may contain a four-digit suffix which references different mounting or connector options. For more information, please contact your regional product specialists.

Arrester		Hubbell			McLean	ABB			
Rating	MCOV	PVNA	PVN	SVN	ZSP	XPS	PEXLIM R	PEXLIM Q	PEXLIM P
		5.1 kJ/kV	7.3 kJ/kV	11.5 kJ/kV	4.5 kJ/kV	4.5 kJ/kV	5.1 kJ/kV	7.8 kJ/kV	12.0 kJ/kV
						-5.6 kJ/kV			
(kV rms)									
3	2.55	310703	310003	-	ZSP0003	Q003SA002AS	-	-	-
6	5.1	310705	310005	-	ZSP0006	Q006SA005AS	-	-	-
9	7.65	310708	310008	-	ZSP0009	Q009SA007AS	-	-	-
10	8.4	310709	310009	-	ZSP0010	Q010SA008AS	-	-	-
12	10.2	310710	310010	-	ZSP0012	Q012SA010AS	-	-	-
15	12.7	310713	310013	-	ZSP0015	Q015SA012AS	-	-	-
18	15.3	310715	310015	-	ZSP0018	Q018SA015AS	R018-YV024	-	P018-XV024
21	17.0	310717	310017	-	ZSP0021	Q021SA017AS	R021-YV024	-	P021-XV024
24	19.5	310719	310019	-	ZSP0024	Q024SA019AS	R024-YV024	Q024-XV024	P024-XV024
27	22	310722	310022	-	ZSP0027	Q027SA022AS	R027-YV024	-	-
30	24.4	310724	310024	-	ZSP0030	Q030SA024AS	R030-YV036	Q030-XV036	P030-XV036
33	27.5	-	-	-	-	-	R033-YV036	Q033-XV036	P033-XV036
36	29	310729	310029	-	ZSP0036	Q036SA029AS	R036-YV036	Q036-XV036	P036-XV036
39	31.5	310731	310031	-	ZSP0039	Q039SA031AS	R039-YV036	-	P039-XV036
42	34	-	-	-	-	-	R042-YV036	Q042-XV052	P042-XV052
45	36.5	310736	310036	-	ZSP0045	Q045SA036AS	R045-YV036	Q045-XV052	P045-XV052
48	39	310739	310039	-	ZSP0048	Q048SA039AS	R048-YV036	Q048-XV052	P048-XV052
54	42	310742	310042	SVN054GA042AA	ZSP0054	Q054SA042AS	R054-YH072	Q054-XV052	P054-XV052
60	48	310748	310048	SVN060GA048AA	ZSP0060	Q060SA048AS	R060-YH072	Q060-XV052	P060-XV052
66	53	-	-	-	ZSP0066	-	R066-YV072	Q066-XV052	P066-XV052
72	57	310757	310057	SVN072GA057AA	ZSP0072	Q072SA057AS	R072-YV072	Q072-XV052	P072-XV052
78	62	-	-	-	-	-	R078-YV100	Q078-XV100	P078-XV100
84	68	-	-	-	-	-	R084-YV100	Q084-XV100	P084-XV100
90	70	-	310070	SVN090GA070AA	ZSP0090	Q090SA070AS	R090-YV100	Q090-XV100	P090-XV100
96	76	-	310076	SVN096GA076AA	ZSP0096	Q096SA076BS	R096-YV100	Q096-XV100	P096-XV100
108	84	-	310084	SVN108GA084AA	ZSP0108	Q108SA084BS	R108-YH145	Q108-XH123	P108-XH123
120	98	-	310098	SVN120GA098AA	ZSP0120	Q120SA098BS	R120-YH120	Q120-XH123	P120-XH123
132	106	-	310106	SVN132GA106AA	ZSP0132	Q132SA106BS	R132-YH170	Q132-XH170	P132-XH170
138	111	-	-	-	ZSP0138	-	R138-YH170	Q1438-XH170	P138-XH170
144	115	-	310115	SVN144GA115AA	ZSP0144	Q144SA115BS	R144-YH170	Q144-XH170	P144-XH170
162	130	-	-	-	-	-	-	Q162-XV170	P162-XV170
168	131	-	310131	SVN168GA131AA	-	Q168SA131BS	-	Q168-XV170	P168-XV170
172	140	-	310140	SVN172GA140AA	ZSP0172	Q172SA140BS	-	Q172-XV170	P172-XV170
180	144	-	310144	SVN180GA144AA	ZSP0180	Q180SA144BS	-	Q180-XV170	P180-XM245
192	152	-	310152	SVN192GA152AA	ZSP0192	Q192SA152BS	-	Q192-XV170	P192-XM245
198	160	-	-	-	-	-	-	Q198-XH245	P198-XH245
204	165	-	-	-	-	-	-	Q204-XH245	P204-XH245
216	174	-	-	-	-	Q216SA173BS	-	Q216-XH300	P216-XH300
228	180	-	310178	SVN228GA180AA	-	Q228SA178BS	-	Q228-XH300	P228-XH300
234	187	-	-	-	-	Q234SA187BS	-	Q234-XH300	P234-XH300
240	190	-	-	-	-	Q240SA190BS	-	Q240-XH300	P240-XH300

Competitor Cross Reference Station-Class Polymer-Housed Surge Arresters

Arrester		Current Design		
Rating	MCOV			
(kV rms)		3.9 kJ/kV	6.2 kJ/kV	10.0 kJ/kV
3	2.55	USAA003A (USAA003002A0845A11)	UHAA003A (UHAA003002A0845A11)	UXAA003A (UXAA003002A0845A11)
6	5.1	USAA006A (USAA006005A1045A11)	UHAA006A (UHAA006005A1045A11)	UXAA006A (UXAA006005A1045A11)
9	7.65	USAA009A (USAA009007A1045A11)	UHAA009A (UHAA009007A1045A11)	UXAA009A (UXAA009007A1045A11)
10	8.4	USAA010A (USAA010008A1045A11)	UHAA010A (UHAA010008A1045A11)	UXAA010A (UXAA010008A1045A11)
12	10.2	USAA012A (USAA012010A1245A11)	UHAA012A (UHAA012010A1245A11)	UXAA012A (UXAA012010A1245A11)
15	12.7	USAA015A (USAA015012A1245A11)	UHAA015A (UHAA015012A1245A11)	UXAA015A (UXAA015012A1245A11)
18	15.3	USAA018A (USAA018015A1445A11)	UHAA018A (UHAA018015A1445A11)	UXAA018A (UXAA018015A1445A11)
21	17.0	USAA021A (USAA021017A1445A11)	UHAA021A (UHAA021017A1445A11)	UXAA021A (UXAA021017A1445A11)
24	19.5	USAA024A (USAA024019A1645A11)	UHAA024A (UHAA024019A1645A11)	UXAA024A (UXAA024019A1645A11)
27	22	USAA027A (USAA027022A1645A11)	UHAA027A (UHAA027022A1645A11)	UXAA027A (UXAA027022A1645A11)
30	24.4	USAA030A (USAA030024A1845A11)	UHAA030A (UHAA030024A1845A11)	UXAA030A (UXAA030024A1845A11)
33	27.5	USAA033A (USAA033027A1845A11)	UHAA033A (UHAA033027A1845A11)	UXAA033A (UXAA033027A1845A11)
36	29	USAA036A (USAA036029A1845A11)	UHAA036A (UHAA036029A1845A11)	UXAA036A (UXAA036029A1845A11)
39	31.5	USAA039A (USAA039031A2245A11)	UHAA039A (UHAA039031A2245A11)	UXAA039A (UXAA039031A2245A11)
42	34	USAA042A (USAA042034A2245A11)	UHAA042A (UHAA042034A2245A11)	UXAA042A (UXAA042034A2245A11)
45	36.5	USAA045A (USAA045036A2445A11)	UHAA045A (UHAA045036A2445A11)	UXAA045A (UXAA045036A2445A11)
48	39	USAA048A (USAA048039A2645A11)	UHAA048A (UHAA048039A2645A11)	UXAA048A (UXAA048039A2645A11)
54	42	USAA054A (USAA054042A2645A11)	UHAA054A (UHAA054042A2645A11)	UXAA054A (UXAA054042A2645A11)
60	48	USAA060A (USAA060048A2845A11)	UHAA060A (UHAA060048A2845A11)	UXAA060A (UXAA060048A2845A11)
66	53	USAA066A (USAA066053A3045A11)	UHAA066A (UHAA066053A3045A11)	UXAA066A (UXAA066053A3045A11)
72	57	USAA072A (USAA072057A3245A11)	UHAA072A (UHAA072057A3245A11)	UXAA072A (UXAA072057A3245A11)
78	62	USAA078A (USAA078062A4045A11)	UHAA078A (UHAA078062A4045A11)	UXAA078A (UXAA078062A4045A11)
84	68	USAA084A (USAA084068A4445A11)	UHAA084A (UHAA084068A4445A11)	UXAA084A (UXAA084068A4445A11)
90	70	USAA090A (USAA090070A4645A11)	UHAA090A (UHAA090070A4645A11)	UXAA090A (UXAA090070A4645A11)
96	76	USAA096A (USAA096076A4845A11)	UHAA096A (UHAA096076A4845A11)	UXAA096A (UXAA096076A4845A11)
108	84	USAA108A (USAA108084A5245A11)	UHAA108A (UHAA108084A5245A11)	UX1A08A (UXAA108084A5245A11)
120	98	-	USAA120A (USAA120098A5645A11)	UHAA120A (UHAA120098A5645A11)
132	106	-	USAA132A (USAA132106A6045A11)	UHAA132A (UHAA132106A6045A11)
138	111	-	USAA138A (USAA138111A6445A11)	UHAA138A (UHAA138111A6445A11)
144	115	-	USAA144A (USAA144115A6445A11)	UHAA144A (UHAA144115A6445A11)
162	130	-	USAA162A (USAA162130A8045A11)	UHAA162A (UHAA162130A8045A11)
168	131	-	USAA168A (USAA168131A8245A11)	UHAA168A (UHAA168131A8245A11)
172	140	-	USAA172A (USAA172140A8445A11)	UHAA172A (UHAA172140A8445A11)
180	144	-	USAA180A (USAA180144A8645A11)	UHAA180A (UHAA180144A8645A11)
192	152	-	USAA192A (USAA192152A8845A11)	UHAA192A (UHAA192152A8845A11)
198	160	-	USAA198A (USAA198160A9245A11)	UHAA198A (UHAA198160A9245A11)
204	165	-	USAA204A (USAA204165A9445A11)	UHAA204A (UHAA204165A9445A11)
216	174	-	USAA216A (USAA216174A645A11)	UHAA216A (UHAA216174A645A11)
228	180	-	USAA228A (USAA228180AB045A11)	UHAA228A (UHAA228180AB045A11)
234	187	-	-	-
240	190	-	USAA240A (USAA240190AB245A11)	UHAA240A (UHAA240190AB245A11)

Note: Hubbell and Joslyn arrester part numbers may contain a four-digit suffix which references different mounting or connector options. For more information, please contact your regional product specialists.

Arrester		GE TRANQUELL XEP	BOWTHORPE HSR	SIEMENS			
Rating	MCOV			3EQ1....-1/LD1	3EQ1....-1/LD2	3EQ1....-1/LD3	3EQ1....-2/LD2
(kV rms)		4.9 kJ/kV	4.5 kJ/kV	4.5 kJ/kV	5.0 kJ/kV	5.5 kJ/kV	5.0 kJ/kV
3	2.55	9L11XPA003S	-	-	-	-	-
6	5.1	9L11XPA006S	HSRA6L1E1M0	-	-	-	-
9	7.65	9L11XPA009S	HSRA9L1E1M0	-	-	-	-
10	8.4	9L11XPA010S	HSRA10.5L1E1M0	-	-	-	-
12	10.2	9L11XPA012S	HSRA12L1E1M0	-	-	-	-
15	12.7	9L11XPA015S	HSRA15L1E1M0	-	-	-	-
18	15.3	9L11XPA018S	HSRB18L1E1M0	-	-	-	-
21	17.0	9L11XPA021S	HSRB21L1E1M0	-	-	-	-
24	19.5	9L11XPA024S	HSRB24L1E1M0	-	-	-	-
27	22	9L11XPA027S	HSRB27L1E1M0	-	-	-	-
30	24.4	9L11XPA030S	HSRB30L1E1M0	-	-	-	-
33	27.5	-	-	-	-	-	-
36	29	9L11XPA036S	HSRC36L1E1M0	3EQ1036-1PL1-1/LD1	3EQ1036-1PL2-1/LD2	3EQ1036-1PL3-1/LD3	3EQ1036-1PL2-1/LD2
39	31.5	9L11XPA039S	HSRC39L1E1M0	-	-	-	-
42	34	-	HSRC42L1E1M0	-	-	-	-
45	36.5	9L11XPA045S	HSRC45L1E1M0	3EQ1045-1PL1-1/LD1	3EQ1045-1PL2-1/LD2	3EQ1045-1PL3-1/LD3	3EQ1045-1PL2-1/LD2
48	39	9L11XPA048S	2HSRB48L1E1M0	-	-	-	-
54	42	9L11XPA054S	-	-	-	-	-
60	48	9L11XPA060S	2HSRB60L1E1M0	3EQ1060-1PL1-1/LD1	3EQ1060-1PL2-1/LD2	3EQ1060-1PL3-1/LD3	3EQ1060-1PL2-1/LD2
66	53	9L11XPA066S	-	-	-	-	-
72	57	9L11XPA072S	2HSRC71L1E1M0	-	-	-	-
78	62	-	-	-	-	-	-
84	68	-	2HSRC84L1E1M0	-	-	-	-
90	70	9L11XPA090S	-	-	-	-	-
96	76	9L11XPA096S	3HSRC96L1E1M0	3EQ1096-1PL1-1/LD1	3EQ1096-1PL2-1/LD2	3EQ1096-1PL3-1/LD3	3EQ1096-1PL2-1/LD2
108	84	9L11XPA108S	3HSRC108L1E1M0	3EQ1108-1PL1-1/LD1	3EQ1108-1PL2-1/LD2	3EQ1108-1PL3-1/LD3	3EQ1108-1PL2-1/LD2
120	98	9L11XPA120S	3HSRC120L1E1M0	3EQ1120-1PL1-1/LD1	3EQ1120-1PL2-1/LD2	3EQ1120-1PL3-1/LD3	3EQ1120-1PL2-1/LD2
132	106	9L11XPA132S	-	3EQ1132-1PL1-1/LD1	3EQ1132-1PL2-1/LD2	3EQ1132-1PL3-1/LD3	3EQ1132-1PL2-1/LD2
138	111	-	-	-	-	-	-
144	115	9L11XPA144S	-	3EQ1144-1PL1-1/LD1	3EQ1144-1PL2-1/LD2	3EQ1144-1PL3-1/LD3	3EQ1144-1PL2-1/LD2
162	130	-	-	-	-	-	-
168	131	-	-	-	-	-	-
172	140	-	-	-	-	-	-
180	144	-	-	3EQ1180-1PL1-1/LD1	3EQ1180-1PL2-1/LD2	3EQ1180-1PL3-1/LD3	3EQ1180-1PL2-1/LD2
192	152	-	-	3EQ1192-1PL1-1/LD1	3EQ1192-1PL2-1/LD2	3EQ1192-1PL3-1/LD3	3EQ1192-1PL2-1/LD2
198	160	-	-	3EQ1198-1PL1-1/LD1	-	-	-
204	165	-	-	-	-	-	-
216	174	-	-	-	-	-	-
228	180	-	-	-	-	-	-
234	187	-	-	-	-	-	-
240	190	-	-	-	3EQ1240-1PL2-1/LD2	-	3EQ1240-1PL2-1/LD2

Competitor Cross Reference Station-Class Polymer-Housed Surge Arresters

Arrester		Current Design		
Rating	MCOV			
(kV rms)		3.9 kJ/kV	6.2 kJ/kV	10.0 kJ/kV
3	2.55	USAA003A (USAA003002A0845A11)	UHAA003A (UHAA003002A0845A11)	UXAA003A (UXAA003002A0845A11)
6	5.1	USAA006A (USAA006005A1045A11)	UHAA006A (UHAA006005A1045A11)	UXAA006A (UXAA006005A1045A11)
9	7.65	USAA009A (USAA009007A1045A11)	UHAA009A (UHAA009007A1045A11)	UXAA009A (UXAA009007A1045A11)
10	8.4	USAA010A (USAA010008A1045A11)	UHAA010A (UHAA010008A1045A11)	UXAA010A (UXAA010008A1045A11)
12	10.2	USAA012A (USAA012010A1245A11)	UHAA012A (UHAA012010A1245A11)	UXAA012A (UXAA012010A1245A11)
15	12.7	USAA015A (USAA015012A1245A11)	UHAA015A (UHAA015012A1245A11)	UXAA015A (UXAA015012A1245A11)
18	15.3	USAA018A (USAA018015A1445A11)	UHAA018A (UHAA018015A1445A11)	UXAA018A (UXAA018015A1445A11)
21	17.0	USAA021A (USAA021017A1445A11)	UHAA021A (UHAA021017A1445A11)	UXAA021A (UXAA021017A1445A11)
24	19.5	USAA024A (USAA024019A1645A11)	UHAA024A (UHAA024019A1645A11)	UXAA024A (UXAA024019A1645A11)
27	22	USAA027A (USAA027022A1645A11)	UHAA027A (UHAA027022A1645A11)	UXAA027A (UXAA027022A1645A11)
30	24.4	USAA030A (USAA030024A1845A11)	UHAA030A (UHAA030024A1845A11)	UXAA030A (UXAA030024A1845A11)
33	27.5	USAA033A (USAA033027A1845A11)	UHAA033A (UHAA033027A1845A11)	UXAA033A (UXAA033027A1845A11)
36	29	USAA036A (USAA036029A1845A11)	UHAA036A (UHAA036029A1845A11)	UXAA036A (UXAA036029A1845A11)
39	31.5	USAA039A (USAA039031A2245A11)	UHAA039A (UHAA039031A2245A11)	UXAA039A (UXAA039031A2245A11)
42	34	USAA042A (USAA042034A2245A11)	UHAA042A (UHAA042034A2245A11)	UXAA042A (UXAA042034A2245A11)
45	36.5	USAA045A (USAA045036A2445A11)	UHAA045A (UHAA045036A2445A11)	UXAA045A (UXAA045036A2445A11)
48	39	USAA048A (USAA048039A2645A11)	UHAA048A (UHAA048039A2645A11)	UXAA048A (UXAA048039A2645A11)
54	42	USAA054A (USAA054042A2645A11)	UHAA054A (UHAA054042A2645A11)	UXAA054A (UXAA054042A2645A11)
60	48	USAA060A (USAA060048A2845A11)	UHAA060A (UHAA060048A2845A11)	UXAA060A (UXAA060048A2845A11)
66	53	USAA066A (USAA066053A3045A11)	UHAA066A (UHAA066053A3045A11)	UXAA066A (UXAA066053A3045A11)
72	57	USAA072A (USAA072057A3245A11)	UHAA072A (UHAA072057A3245A11)	UXAA072A (UXAA072057A3245A11)
78	62	USAA078A (USAA078062A4045A11)	UHAA078A (UHAA078062A4045A11)	UXAA078A (UXAA078062A4045A11)
84	68	USAA084A (USAA084068A4445A11)	UHAA084A (UHAA084068A4445A11)	UXAA084A (UXAA084068A4445A11)
90	70	USAA090A (USAA090070A4645A11)	UHAA090A (UHAA090070A4645A11)	UXAA090A (UXAA090070A4645A11)
96	76	USAA096A (USAA096076A4845A11)	UHAA096A (UHAA096076A4845A11)	UXAA096A (UXAA096076A4845A11)
108	84	USAA108A (USAA108084A5245A11)	UHAA108A (UHAA108084A5245A11)	UX1AA08A (UXAA108084A5245A11)
120	98	-	USAA120A (USAA120098A5645A11)	UHAA120A (UHAA120098A5645A11)
132	106	-	USAA132A (USAA132106A6045A11)	UHAA132A (UHAA132106A6045A11)
138	111	-	USAA138A (USAA138111A6445A11)	UHAA138A (UHAA138111A6445A11)
144	115	-	USAA144A (USAA144115A6445A11)	UHAA144A (UHAA144115A6445A11)
162	130	-	USAA162A (USAA162130A8045A11)	UHAA162A (UHAA162130A8045A11)
168	131	-	USAA168A (USAA168131A8245A11)	UHAA168A (UHAA168131A8245A11)
172	140	-	USAA172A (USAA172140A8445A11)	UHAA172A (UHAA172140A8445A11)
180	144	-	USAA180A (USAA180144A8645A11)	UHAA180A (UHAA180144A8645A11)
192	152	-	USAA192A (USAA192152A8845A11)	UHAA192A (UHAA192152A8845A11)
198	160	-	USAA198A (USAA198160A9245A11)	UHAA198A (UHAA198160A9245A11)
204	165	-	USAA204A (USAA204165A9445A11)	UHAA204A (UHAA204165A9445A11)
216	174	-	USAA216A (USAA216174A645A11)	UHAA216A (UHAA216174A645A11)
228	180	-	USAA228A (USAA228180AB045A11)	UHAA228A (UHAA228180AB045A11)
234	187	-	-	-
240	190	-	USAA240A (USAA240190AB245A11)	UHAA240A (UHAA240190AB245A11)

Note: Hubbell and Joslyn arrester part numbers may contain a four-digit suffix which references different mounting or connector options. For more information, please contact your regional product specialists.

Arrester		SIEMENS			
Rating	MCOV	3EQ1...-2/LD3	3EL2	3EQ4	3EQ4
(kV rms)		8.0 kJ/kV	8.0 kJ/kV	8.0 kJ/kV	10.0 kJ/kV
3	2.55	-	-	-	-
6	5.1	-	-	-	-
9	7.65	-	-	-	-
10	8.4	-	-	-	-
12	10.2	-	-	-	-
15	12.7	-	-	-	-
18	15.3	-	-	-	-
21	17.0	-	-	-	-
24	19.5	-	-	-	-
27	22	-	-	-	-
30	24.4	-	3EL2030-23F31-4NH5	-	-
33	27.5	-	-	-	-
36	29	3EQ1036-1PL3-1/LD3	3EL2036-23F31-4NH5	-	-
39	31.5	-	3EL2039-23F31-4NH5	-	-
42	34	-	-	-	-
45	36.5	3EQ1045-1PL3-1/LD3	3EL2045-23F31-4NH5	-	-
48	39	-	3EL2048-23F31-4NH5	-	-
54	42	-	3EL2054-23F31-4NH5	-	-
60	48	3EQ1060-1PL3-1/LD3	3EL2060-23F31-4NH5	-	-
66	53	-	-	-	-
72	57	-	3EL2072-23J31-4NH5	-	-
78	62	-	-	-	-
84	68	-	-	-	-
90	70	-	3EL2090-23J31-4NH5	-	-
96	76	3EQ1096-1PL3-1/LD3	3EL2096-23J31-4NH5	3EQ4096-2PN31-4NA0	-
108	84	3EQ1108-1PL3-1/LD3	3EL2108-23M31-4NH5	-	-
120	98	3EQ1120-1PL3-1/LD3	3EL2120-23M31-4NH5	3EQ4120-2PN31-4NA0	3EQ4120-3PN41-4NA0
132	106	3EQ1132-1PL3-1/LD3	3EL2132-2xQ32-4NH5	-	-
138	111	-	-	-	-
144	115	3EQ1144-1PL3-1/LD3	3EL2144-2xQ32-4NH5	3EQ4144-2PN31-4NA0	3EQ4144-3PN41-4NA0
162	130	-	-	-	-
168	131	-	3EL2168-2xJ32-4NH5	-	-
172	140	-	3EL2172-2xJ32-4NH5	-	-
180	144	3EQ1180-1PL3-1/LD3	3EL2180-2xJ32-4NH5	-	-
192	152	3EQ1192-1PL3-1/LD3	3EL2192-2xJ32-4NH5	3EQ4192-2PR31-4NA0	3EQ4192-3PR41-4NA0
198	160	-	-	3EQ4198-2PR31-4NA0	3EQ4198-3PR41-4NA0
204	165	-	-	-	-
216	174	-	-	-	-
228	180	-	3EL2228-2xW32-4NH5	-	-
234	187	-	-	-	-
240	190	3EQ1240-1PL3-1/LD3	3EL2240-2xM32-4NH5	-	-

Competitor Cross Reference Station-Class Porcelain-Housed Surge Arrester

Arrester		Eaton			Hubbell		
Rating	MCOV	Single and Double Impulse Energy Rating (of MCOV)					
(kV rms)	3.4 kJ/kV		5.6 kJ/kV		8.9 kJ/kV		
	5.5 kJ/kV	8.9 kJ/kV	14.5 kJ/kV	7.3 kJ/kV	7.3 kJ/kV	11.5 kJ/kV	
3	2.55	AZES001G002003	AZEH001G002003	AZEX041G002003	217003-3001	216003-3001	-
6	5.1	AZES001G005006	AZEH001G005006	AZEX041G005006	217005-3001	216005-3001	-
9	7.65	AZES001G007009	AZEH001G007009	AZEX041G007009	217008-3001	219508-3001	-
10	8.4	AZES002G008010	AZEH002G008010	AZEX042G008010	217009-3001	219509-3001	-
12	10.2	AZES002G010012	AZEH002G010012	AZEX042G010012	218510-3001	219510-3001	-
15	12.7	AZES002G012015	AZEH002G012015	AZEX042G012015	217013-3001	219513-3001	-
18	15.3	AZES003G015018	AZEH003G015018	AZEX043G015018	217015-3001	216015-3001	-
21	17.0	AZES003G017021	AZEH003G017021	AZEX043G017021	218507-3001	219517-3001	-
24	19.5	AZES003G019024	AZEH003G019024	AZEX043G019024	218519-3001	219519-3001	-
27	22	AZES004G022027	AZEH004G022027	AZEX044G022027	-	216022-3001	-
30	24.4	AZES004G024030	AZEH004G024030	AZEX044G024030	-	216024-3001	-
33	27.5	AZES004G027033	AZEH004G027033	AZEX044G027033	-	-	-
36	29	AZES004G029036	AZEH004G029036	AZEX044G029036	-	219529-3001	-
39	31.5	AZES005G031039	AZEH005G031039	AZEX045G031039	-	216031-3001	-
42	34	AZES005G034042	AZEH005G034042	AZEX045G034042	-	-	-
45	36.5	AZES005G036045	AZEH005G036045	AZEX045G036045	-	219536-3001	-
48	39	AZES005G039048	AZEH005G039048	AZEX045G039048	-	219539-3001	-
54	42	AZES006G042054	AZEH006G042054	AZEX046G042054	-	-	219542-5001
60	48	AZES006G048060	AZEH006G048060	AZEX046G048060	-	-	219548-5001
66	53	AZES007G053066	AZEH007G053066	AZEX047G053066	-	-	-
72	57	AZES007G057072	AZEH007G057072	AZEX047G057072	-	-	219557-5001
78	62	AZES008G062078	AZEH008G062078	AZEX048G062078	-	-	-
84	68	AZES008G068084	AZEH008G068084	AZEX048G068084	-	-	-
90	70	AZES008G070090	AZEH008G070090	AZEX048G070090	-	-	219570-5001
96	76	AZES008G076096	AZEH008G076096	AZEX048G076096	-	-	219576-5001
108	84	AZES009G084108	AZEH009G084108	AZEX049G084108	-	-	219584-5001
120	98	-	AZES009G098120	AZEH049G098120	-	-	217598-5001
132	106	-	AZES012G106132	AZEH052G106132	-	-	219606-5001
138	111	-	AZES012G111138	AZEH052G111138	-	-	-
144	115	-	AZES013G115144	AZEH053G115144	-	-	219615-5001
162	130	-	AZES014G130162	AZEH054G130162	-	-	-
168	131	-	AZES015G131168	AZEH055G131168	-	-	219631-5001
172	140	-	AZES021G140172	AZEH061G140172	-	-	217740-5001
180	144	-	AZES022G144180	AZEH062G144180	-	-	217744-5001
192	152	-	AZES022G152192	AZEH062G152192	-	-	217752-5001
198	160	-	AZES023G160198	AZEH063G160198	-	-	-
204	165	-	AZES024G165204	AZEH064G165204	-	-	-
216	174	-	AZES024G174216	AZEH064G174216	-	-	-
228	180	-	AZES025G180228	AZEH065G182228	-	-	217780-5001
240	190	-	AZES025G190240	AZEH065G190240	-	-	-
258	209	-	-	AZES067G209258	-	-	217909-5001
264	212	-	-	AZES067G212264	-	-	217912-5001
276	220	-	-	AZES069G220276	-	-	217920-5001
288	230	-	-	AZES069G230288	-	-	-
294	235	-	-	AZES070G235294	-	-	-
300	239	-	-	AZES070G239300	-	-	-
312	245	-	-	AZES071G245312	-	-	217945-5001
330	267	-	-	AZES074G267330	-	-	-
336	269	-	-	AZES074G269336	-	-	-
360	289	-	-	AZES075G289360	-	-	-

Note: Hubbell and ABB arrester part numbers may contain a suffix which references different mounting or connector options. For more information, please contact your regional product specialist.

Arrester		ABB				
Rating	MCOV	EXLIM R	EXLIM Q-E	EXLIM Q-D	EXLIM P	EXLIM T
(kV rms)	Single and Double Impulse Energy Rating (of MCOV)					
	5.0 kJ/kV	7.8 kJ/kV	7.8 kJ/kV	10.8 kJ/kV	15.4 kJ/kV	
3	2.55	-	-	-	-	-
6	5.1	-	-	-	-	-
9	7.65	-	-	-	-	-
10	8.4	-	-	-	-	-
12	10.2	-	-	-	-	-
15	12.7	-	-	-	-	-
18	15.3	-	-	-	-	-
21	17.0	-	-	-	-	-
24	19.5	R024-CV036	Q024-EV036	-	-	-
27	22	R027-CV036	Q027-EV036	-	-	-
30	24.4	R030-CV036	Q030-EV036	-	P030-GV036	-
33	27.5	R033-CV036	Q033-EV036	-	P033-GV036	-
36	29	R036-CV036	Q036-EV036	-	P036-GV036	-
39	31.5	R039-CV036	Q039-EV036	-	P039-GV036	-
42	34	R042-CV052	Q042-EV052	-	P042-GH052	-
45	36.5	R045-CV052	Q045-EV052	-	P045-GH052	-
48	39	R048-CV052	Q048-EV052	-	P048-GH052	-
54	42	R054-CV052	Q054-EV052	-	P054-GH052	-
60	48	R060-CV052	Q060-EV052	-	P060-GH052	-
66	53	R066-CM072	Q066-EV072	-	P066-GV072	-
72	57	R072-CM072	Q072-EV072	-	P072-GV072	-
78	62	R078-CH100	Q078-EV072	-	P078-GV072	-
84	68	R084-CH100	Q084-EH100	-	P084-GV072	-
90	70	R090-CH100	Q090-EH100	-	P090-GH123	-
96	76	R096-CH100	Q096-EH100	-	P096-GH123	-
108	84	R090-CH145	Q108-EH145	-	P108-GH123	-
120	98	R120-CH145	Q120-EH145	-	P120-GH123	-
132	106	R132-CH145	Q132-EH145	Q132-DH170	P132-GH123	-
138	111	R138-CH145	Q138-EH145	Q138-DH170	P138-GH123	-
144	115	R144-CH145	Q144-EH145	Q144-DH170	P144-GH170	-
162	130	R162-CH170	Q162-EH170	Q162-DH170	P162-GH170	-
168	131	R168-CH170	Q168-EH170	Q168-DH170	P168-GH170	-
172	140	-	Q172-EH170	-	-	-
180	144	-	Q180-EH245	Q180-DH245	P180-GH245	T180-BH245
192	152	-	Q192-EH245	Q192-DH245	P192-GH245	T192-BH245
198	160	-	Q198-EH245	Q198-DH245	P198-GH245	T198-BH245
204	165	-	Q204-EH245	-	P204-GH245	T204-BH245
216	174	-	Q216-EH245	Q216-DV245	P216-GH245	T216-BH245
228	180	-	Q228-EH245	Q228-DV245	P228-GM300	T228-BM300
240	190	-	-	Q240-DM300	P240-GM300	T240-BM300
258	209	-	-	Q258-DM300	P258-GM300	T258-BM362
264	212	-	-	Q264-DM300	P264-GM300	T264-BM362
276	220	-	-	Q276-DM362	P276-GM362	T276-BM362
288	230	-	-	Q288-DM362	P288-GM362	T288-BM362
294	235	-	-	-	-	-
300	239	-	-	-	-	-
312	245	-	-	-	-	-
330	267	-	-	Q330-DM420	P330-GM420	T330-BM420
336	269	-	-	Q336-DM420	P336-GM420	T336-BM420
360	289	-	-	Q360-DM420	P360-GM420	T360-BM420

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