



June, 1988
Supersedes Technical Data 36-631,
pages 1-8, dated January 16, 1980
Mailed to: E, D, C/36-600B

Outdoor Dropout Type
200-400-800
4.8 to 34.5 kV

Type RDB High Voltage Power Fuses

Price List Index

Orders for this equipment should carry a Q50, Q57, W34 suffix.

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Comparison of Expulsion Fuse Interrupting Ratings

kV	Westinghouse	S&C
	RDB-200	SM-4
4.16	19000	17200
7.2	16600	17200
14.4	14400	12500
25.0	10500	9400
34.5	6900	6250
	RDB-400	SM-5
4.16	37500	37500
7.2	29400	28000
13.8	36000	34000
14.4	29400	25000
25.0	21000	20000
34.5	16800	17500

Above values are symmetrical amps.

Ordering Information

Example 1: Required one (1) RDB-400, 23.0 kV dropout type mounting with station post insulators complete with fuse holder and 200E refill.

To obtain the proper equipment follow this procedure:

Select mounting from Table "A"
S#140D341G13. From Table "C" select RDB-400-C fuse holder S#310C131G03 and from Table "D" select 200E refill S#423D815A68.

Ordering information on TOPS should contain this breakdown:

- Item 1 - one (1) RDB-400 mounting
S#140D341G13
- 2 - one (1) fuse holder
S#310C131G03
- 3 - one (1) refill 200E
S#423D815A68

Example 2: Required one (1) RDB-800, 14.4 kV dropout type mounting with station post insulators complete with fuse holder and refills.

Follow same procedure as example 1 selecting mounting from Table "A", RDB-800-B fuse holders from Table "C" and refills from Table "D".

Ordering information on TOPS should contain this breakdown:

- Item 1 - one (1) RDB-800 mounting
S#140D342G12
- 2 - two (2) fuse holders
S#310C131G02
- 3 - two (2) refills 400E
S#423D815A47

Further Information:

Description: Descriptive Bulletin 36-632
Application: Application Data 36-635
Dimensions: Technical Certification Section
36-632A
Prices: Price List 36-609

Terminals: Terminals are not included in the fuse mounting price. Each fuse mounting includes a NEMA standard (2) hole terminal pad.



Table A: RDB Outdoor Dropout Type Mounting – 180° Opening Front Connected (No Returns)

Type	kV Nominal	Max. Design	BIL kV	Amps Max.	Insulators Type (Gray)	TR No.	Use With Fuse Holder Type	Mounting Style Number	Ramad
RDB-200	4.8/7.2	8.25	95	200	Station Post	202	RDB-200-A	140D340G11	44289
	①4.8/7.2	8.25	110	200	Station Post	205		140D340G16	44323
RDB-200	14.4	15.5	110	200	Station Post	205	RDB-200-B	140D340G12	44338
	①14.4	15.5	150	200	Station Post	208		140D340G17	44353
RDB-200	23.0	25.8	150	200	Station Post	208	RDB-200-C	140D340G13	44366
	①23.0	25.8	200	200	Station Post	210		140D340G18	44377
RDB-200	34.5	38.0	200	200	Station Post	210	RDB-200-D	140D340G14	44385
	①34.5	38.0	250	200	Station Post	214		140D340G19	44436
RDB-400	4.8/7.2	8.25	95	400	Station Post	202	RDB-400-A	140D341G11	44460
	①4.8/7.2	8.25	110	400	Station Post	205		140D341G16	44505
RDB-400	14.4	15.5	110	400	Station Post	205	RDB-400-B	140D341G12	44520
	①14.4	15.5	150	400	Station Post	208		140D341G17	44534
RDB-400	23.0	25.8	150	300	Station Post	208	RDB-400-C	140D341G13	44542
	①23.0	25.8	200	300	Station Post	210		140D341G18	44548
RDB-400	34.5	38.0	200	300	Station Post	210	RDB-400-D	140D341G14	44552
	①34.5	38.0	250	300	Station Post	214		140D341G19	44568
RDB-800	4.8/7.2	8.25	95	720	Station Post	202	RDB-800-A	140D342G11	44584
	①4.8/7.2	8.25	110	720	Station Post	205		140D342G16	44639
RDB-800	14.4	15.5	110	720	Station Post	205	RDB-800-B	140D342G12	44654
	①14.4	15.5	150	720	Station Post	208		140D342G17	44664
RDB-800	23.0	25.8	150	540	Station Post	208	RDB-800-C	140D342G13	44734
	①23.0	25.8	200	540	Station Post	210		140D342G18	44742
RDB-800	34.5	38.0	200	540	Station Post	210	RDB-800-D	140D342G14	44751
	①34.5	38.0	250	540	Station Post	214		140D342G19	44783

① Denotes insulators with next higher BIL.

Live Parts Above Insulators for RDB Outdoor 180° Dropout Mountings (No Returns)

Type of Mounting	Type of Fuse	Nominal kV	Style Number	Ramad
Dropout	RDB-200	4.8/34.5	140D340G20	45146
Dropout	RDB-400	4.8/34.5	140D341G20	45148
Dropout	RDB-800	4.8/34.5	140D342G20	45208

**Table B: RDB Underhung Outdoor Dropout Type Mounting – 90° Opening Front Connected (No Returns)**

Type	kV		BIL kV	Amps Max.	Insulators		Use With Fuse Holder Type	Mounting Style Number	Ramad
	Nominal	Max. Design			Type (Gray)	TR No.			
RDB-200	4.8/7.2	8.25	95	200	Station Post	202	RDB-200-A	140D349G11	42216
	① 4.8/7.2	8.25	110	200	Station Post	205		140D349G16	42221
RDB-200	14.4	15.5	110	200	Station Post	205	RDB-200-B	140D349G12	42217
	① 14.4	15.5	150	200	Station Post	208		140D349G17	42222
RDB-200	23.0	25.8	150	200	Station Post	208	RDB-200-C	140D349G13	42218
	① 23.0	25.8	200	200	Station Post	210		140D349G18	42226
RDB-200	34.5	38.0	200	200	Station Post	210	RDB-200-D	140D349G14	42220
	① 34.5	38.0	250	200	Station Post	214		140D349G19	42227
RDB-400	4.8/7.2	8.25	95	400	Station Post	202	RDB-400-A	140D346G11	42238
	① 4.8/7.2	8.25	110	400	Station Post	205		140D346G16	42244
RDB-400	14.4	15.5	110	400	Station Post	205	RDB-400-B	140D346G12	42239
	① 14.4	15.5	150	400	Station Post	208		140D346G17	42246
RDB-400	23.0	25.8	150	300	Station Post	208	RDB-400-C	140D346G13	42242
	① 23.0	25.8	200	300	Station Post	210		140D346G18	42249
RDB-400	34.5	38.0	200	300	Station Post	210	RDB-400-D	140D346G14	42243
	① 34.5	38.0	250	300	Station Post	214		140D346G19	42251
RDB-800	4.8/7.2	8.25	95	720	Station Post	202	RDB-800-A	140D354G11	42263
	① 4.8/7.2	8.25	110	720	Station Post	205		140D354G16	42267
RDB-800	14.4	15.5	110	720	Station Post	205	RDB-800-B	140D354G12	42264
	① 14.4	15.5	150	720	Station Post	208		140D354G17	42268
RDB-800	23.0	25.8	150	540	Station Post	208	RDB-800-C	140D354G13	42265
	① 23.0	25.8	200	540	Station Post	210		140D354G18	42269
RDB-800	34.5	38.0	200	540	Station Post	210	RDB-800-D	140D354G14	42266
	① 34.5	38.0	250	540	Station Post	214		140D354G19	42270

① Denotes insulators with next higher BIL.

Live Parts Above Insulators for RDB Outdoor Underhung Dropout Mountings (No Returns)

Type of Mounting	Type of Fuse	Nominal kV	Style Number	Ramad
Underhung	RDB-200	7.2/34.5	140D349G20	45215
Underhung	RDB-400	7.2/34.5	140D346G20	45216
Underhung	RDB-800	7.2/34.5	140D354G20	45224



Table C: Outdoor RDB Dropout Type Fuse Holders (No Returns)

Type	kV	Max. Amps	Style Number	Ramad
RDB-200-A	4.8/7.2	200	309C558G05	15538
RDB-200-B	14.4	200	309C558G06	15539
RDB-200-C	23.0	200	309C558G07	15542
RDB-200-D	34.5	200	309C558G08	15543
RDB-400-A	4.8/7.2	400	310C131G01	15545
RDB-400-B	14.4	400	310C131G02	15546
RDB-400-C	23.0	300	310C131G03	15547
RDB-400-D	34.5	300	310C131G04	15549
RDB-800-A	4.8/7.2	720	310C131G01	15545
RDB-800-B	14.4	720	310C131G02	15546
RDB-800-C	23.0	540	310C131G03	15547
RDB-800-D	34.5	540	310C131G04	15549

① RDB-800 requires two (2) fuse holders and E-ampere rating of refills must be derated 10%.
Note: E-ampere fuse refills are listed in Tables "D" and "E" pages 5-6 of T.D. 36-631.

**Table D: Standard RBA-RDB-200 Fuse Refill
Minimum Order Quantity (3) (No Returns)**

kV Rating	Amps	Style Number	Ramad
7.2	1/2E	None	
	3E	None	
	5E	None	
	7E	None	
	10E	423D814A05	15239
	15E	423D814A06	15240
	20E	423D814A07	15242
	25E	423D814A08	15243
	30E	423D814A09	15244
	40E	423D814A10	15245
	50E	423D814A11	15246
	65E	423D814A12	15247
	80E	423D814A13	15248
	100E	423D814A14	15250
	125E	423D814A15	15251
	150E	423D814A16	15252
	200E	423D814A18	15253
			
			
			
14.4	1/2E	None	
	3E	None	
	5E	None	
	7E	None	
	10E	423D814A25	15254
	15E	423D814A26	15255
	20E	423D814A27	15256
	25E	423D814A28	15259
	30E	423D814A29	15260
	40E	423D814A30	15261
	50E	423D814A31	15263
	65E	423D814A32	15264
	80E	423D814A33	15268
	100E	423D814A34	15269
	125E	423D814A35	15271
	150E	423D814A36	15272
	200E	423D814A38	15276
			
			
			
23.0	1/2E	None	
	3E	None	
	5E	None	
	7E	None	
	10E	423D814A45	15277
	15E	423D814A46	15278
	20E	423D814A47	15279
	25E	423D814A48	15280
	30E	423D814A49	15284
	40E	423D814A50	15285
	50E	423D814A51	15286
	65E	423D814A52	15287
	80E	423D814A53	15288
	100E	423D814A54	15292
	125E	423D814A55	15293
	150E	423D814A56	15294
	200E	423D814A58	15295
			
			
			
34.5	1/2E	None	
	3E	None	
	5E	None	
	7E	None	
	10E	423D814A65	15296
	15E	423D814A66	73441
	20E	423D814A67	15297

**Standard RBA-RDB-400 Fuse Refill
Minimum Order Quantity (3) (No Returns)**

kV Rating	Amps	Style Number	Ramad
7.2	1/2E	423D815A01	15319
	3E	423D815A02	15320
	5E	423D815A03	15324
	7E	423D815A04	15327
	10E	423D815A05	15332
	15E	423D815A06	15334
	20E	423D815A07	15335
	25E	423D815A08	15337
	30E	423D815A09	15340
	40E	423D815A10	15341
	50E	423D815A11	15343
	65E	423D815A12	15344
	80E	423D815A13	15348
	100E	423D815A14	15351
	125E	423D815A15	15352
	150E	423D815A16	15356
	200E	423D815A18	15358
	250E	423D815A19	15359
	300E	423D815A20	15360
	400E	423D815A22	15362
14.4	1/2E	423D815A26	15364
	3E	423D815A27	15367
	5E	423D815A28	15368
	7E	423D815A29	15369
	10E	423D815A30	15370
	15E	423D815A31	15371
	20E	423D815A32	15372
	25E	423D815A33	15375
	30E	423D815A34	15376
	40E	423D815A35	15377
	50E	423D815A36	15381
	65E	423D815A37	15383
	80E	423D815A38	15384
	100E	423D815A39	15385
	125E	423D815A40	15386
	150E	423D815A41	15388
	200E	423D815A43	15389
	250E	423D815A44	15391
	300E	423D815A45	15392
	400E	423D815A47	15394
23.0	1/2E	423D815A51	15396
	3E	423D815A52	73783
	5E	423D815A53	15397
	7E	423D815A54	46144
	10E	423D815A55	15398
	15E	423D815A56	73787
	20E	423D815A57	73788
	25E	423D815A58	15399
	30E	423D815A59	15400
	40E	423D815A60	15401
	50E	423D815A61	15402
	65E	423D815A62	15403
	80E	423D815A63	15404
	100E	423D815A64	15405
	125E	423D815A65	15406
	150E	423D815A66	15407
	200E	423D815A68	15408
	250E	423D815A69	15410
	300E	423D815A70	15412
	400E	None	
34.5	1/2E	423D815A76	15413
	3E	423D815A77	73789
	5E	423D815A78	15414
	7E	423D815A79	73790
	10E	423D815A80	73791
	15E	423D815A81	15416
	20E	423D815A82	73792

Ⓢ Use these refills for 2.4 and 4.9 kV.

Note: When refills are used in conjunction with RBA-RDB-800 fuse holders the E ampere rating must be derated by 10%.

(Continued on Page 6)



Table D, Continued: Standard RBA-RDB-200 Fuse Refill
Minimum Order Quantity (3) (No Returns)

kV Rating	Amps	Style Number	Ramada
34.5 Continued	25E	423D814A68	15302
	30E	423D814A69	15303
	40E	423D814A70	15305
	50E	423D814A71	15308
	65E	423D814A72	15309
	80E	423D814A73	15310
	100E	423D814A74	15311
	125E	423D814A75	15313
	150E	423D814A76	15317
	200E	423D814A78	15318
			
			
			
			

Standard RBA-RDB-400 Fuse Refill
Minimum Order Quantity (3) (No Returns)

kV Rating	Amps	Style Number	Ramada
34.5 Continued	25E	423D815A83	15417
	30E	423D815A84	73793
	40E	423D815A85	73794
	50E	423D815A86	73795
	65E	423D815A87	15418
	80E	423D815A88	15419
	100E	423D815A89	15422
	125E	423D815A90	15424
	150E	423D815A91	15426
	200E	423D815A93	15427
	250E	423D815A94	15429
	300E	423D815A95	15430+
	400E	None	

Table E: Time-Lag RBA-RDB-200 Fuse Refills (Min. Order Qty. - 3)
(No Return)

kV Rating	Amps	Style Number	Ramada
① 7.2	20E	449D671A07	58544
	25E	449D671A08	58546
	30E	449D671A09	59098
	40E	449D671A10	59102
	50E	449D671A11	59104
	65E	449D671A12	15432
	80E	449D671A13	15433
	100E	449D671A14	59105
	125E	449D671A15	59108
	150E	449D671A16	59109
	200E	449D671A18	15434
14.4	20E	449D671A27	15438
	25E	449D671A28	59110
	30E	449D671A29	15439
	40E	449D671A30	15442
	50E	449D671A31	15444
	65E	449D671A32	15446
	80E	449D671A33	59112
	100E	449D671A34	15447
	125E	449D671A35	59113
	150E	449D671A36	59114
	200E	449D671A38	15449
23.0	20E	449D671A47	59116
	25E	449D671A48	59118
	30E	449D671A49	59119
	40E	449D671A50	59120
	50E	449D671A51	59121
	65E	449D671A52	59122
	80E	449D671A53	59123
	100E	449D671A54	59125
	125E	449D671A55	59128
	150E	449D671A56	59129
	200E	449D671A58	59130
34.5	20E	449D671A67	59131
	25E	449D671A68	59133
	30E	449D671A69	59134
	40E	449D671A70	59137
	50E	449D671A71	59138
	65E	449D671A72	59140
	80E	449D671A73	59144
	100E	449D671A74	59149
	125E	449D671A75	59150
	150E	449D671A76	59151
	200E	449D671A78	59153

Time-Lag RBA-RDB-400 Fuse Refills (Min. Order Qty. - 3)
(No Return)

kV Rating	Amps	Style Number	Ramada
① 7.2	20E	449D672A07	59154
	25E	449D672A08	59156
	30E	449D672A09	59157
	40E	449D672A10	59158
	50E	449D672A11	59159
	65E	449D672A12	59160
	80E	449D672A13	59161
	100E	449D672A14	59162
	125E	449D672A15	59163
	150E	449D672A16	15450
	200E	449D672A18	15451
	250E	449D672A19	42307
	300E	449D672A20	42308
	400E	449D672A21	42309
14.4	20E	449D672A32	59164
	25E	449D672A33	59165
	30E	449D672A34	59166
	40E	449D672A35	59167
	50E	449D672A36	59170
	65E	449D672A37	59174
	80E	449D672A38	59178
	100E	449D672A39	59179
	125E	449D672A40	59182
	150E	449D672A41	59709
	200E	449D672A43	59711
	250E	449D672A44	42310
	300E	449D672A45	42312
	400E	449D672A46	42314
23.0	20E	449D672A57	59713
	25E	449D672A58	59714
	30E	449D672A59	59715
	40E	449D672A60	59716
	50E	449D672A61	59717
	65E	449D672A62	59718
	80E	449D672A63	59720
	100E	449D672A64	59721
	125E	449D672A65	59724
	150E	449D672A66	59725
	200E	449D672A68	59726
	250E	449D672A69	42315
	300E	449D672A70	42317
34.5	20E	449D672A82	59727
	25E	449D672A83	59728
	30E	449D672A84	59729
	40E	449D672A85	59731
	50E	449D672A86	59732
	65E	449D672A87	59733
	80E	449D672A88	59734
	100E	449D672A89	59735
	125E	449D672A90	59736
	150E	449D672A91	59738
	200E	449D672A93	59739
	250E	449D672A94	42319
	300E	449D672A95	42320

① Use these refills for 2.5 and 4.8 kV.

Note: When refills are used in conjunction with RBA-RDB-800 fuse holders the E-ampere rating must be derated by 10%.