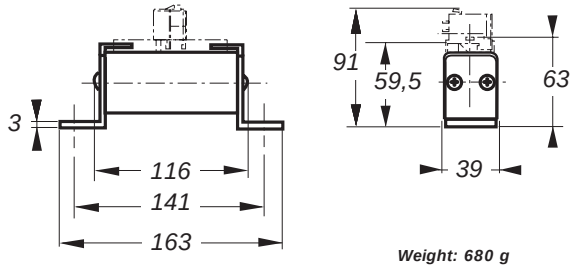
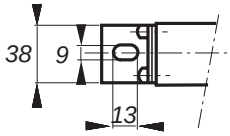
DC Square-body Fuses
Sizes 70- 72 - 2x72
SR 1200V DC

Size 70
SRF from 20 to 215 A

Dimensions



Weight: 680 g



Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Max. I^2t @ 1000 V L/R = 15 ms (A^2S)	Max. I^2t @ 1000 V L/R = 45 ms (A^2S)	Designation	Ref. Number	Catalog Number
70	20	@ 1200 V DC 100 kA L/R = 15 ms	4.5	10	180	310	CC 12 SRF 70 QF 0020	C076638	D70SF120V20QF
	25		7	15.5	180	310	CC 12 SRF 70 QF 0025	S079435	D70SF120V25QF
	32		8.5	18.5	350	610	CC 12 SRF 70 QF 0032	T079436	D70SF120V32QF
	40		10	22	580	1000	CC 12 SRF 70 QF 0040	V079437	D70SF120V40QF
	50		12	26	1030	1800	CC 12 SRF 70 QF 0050	W079438	D70SF120V50QF
	63		15	33	1600	2800	CC 12 SRF 70 QF 0063	X079439	D70SF120V63QF
	80		18.5	37.5	3100	5400	CC 12 SRF 70 QF 0080	Y079440	D70SF120V80QF
	100		21.5	44.5	5800	10000	CC 12 SRF 70 QF 0100	Z079441	D70SF120V100QF
	125		28	54	9200	16000	CC 12 SRF 70 QF 0125	A079442	D70SF120V125QF
	160		34	64	19200	33200	CC 12 SRF 70 QF 0160	B079443	D70SF120V160QF
	200		35	65.5	45000	78500	CC 12 SRF 70 QF 0200	C079444	D70SF120V200QF
	215		46	89	55000	95000	CC 12 SRF 70 QF 0215	D079445	D70SF120V215QF

Microswitch: MC 3E 1-5N Ref. Number : D310020

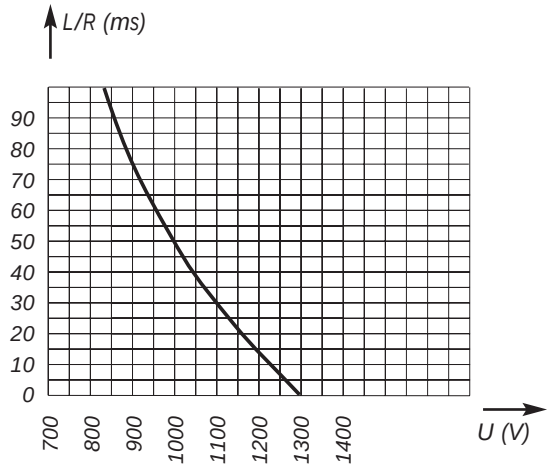
Pack: *1 piece*

DC Square-body Fuses
Sizes 70- 72 - 2x72
SR 1200V DC

Size 70
SRF from 20 to 215 A

Electrical characteristics

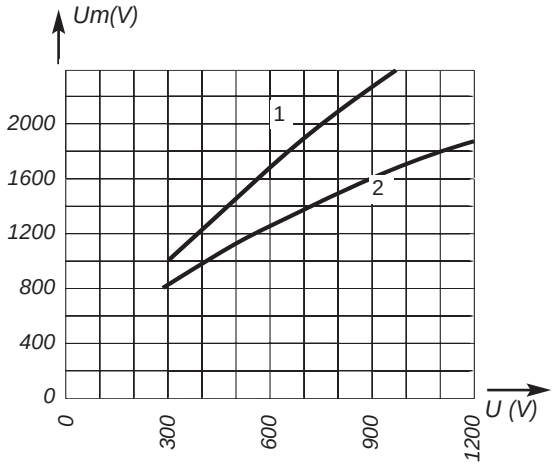
DC applications data



Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):
900 V with breaking capacity of 100 kA

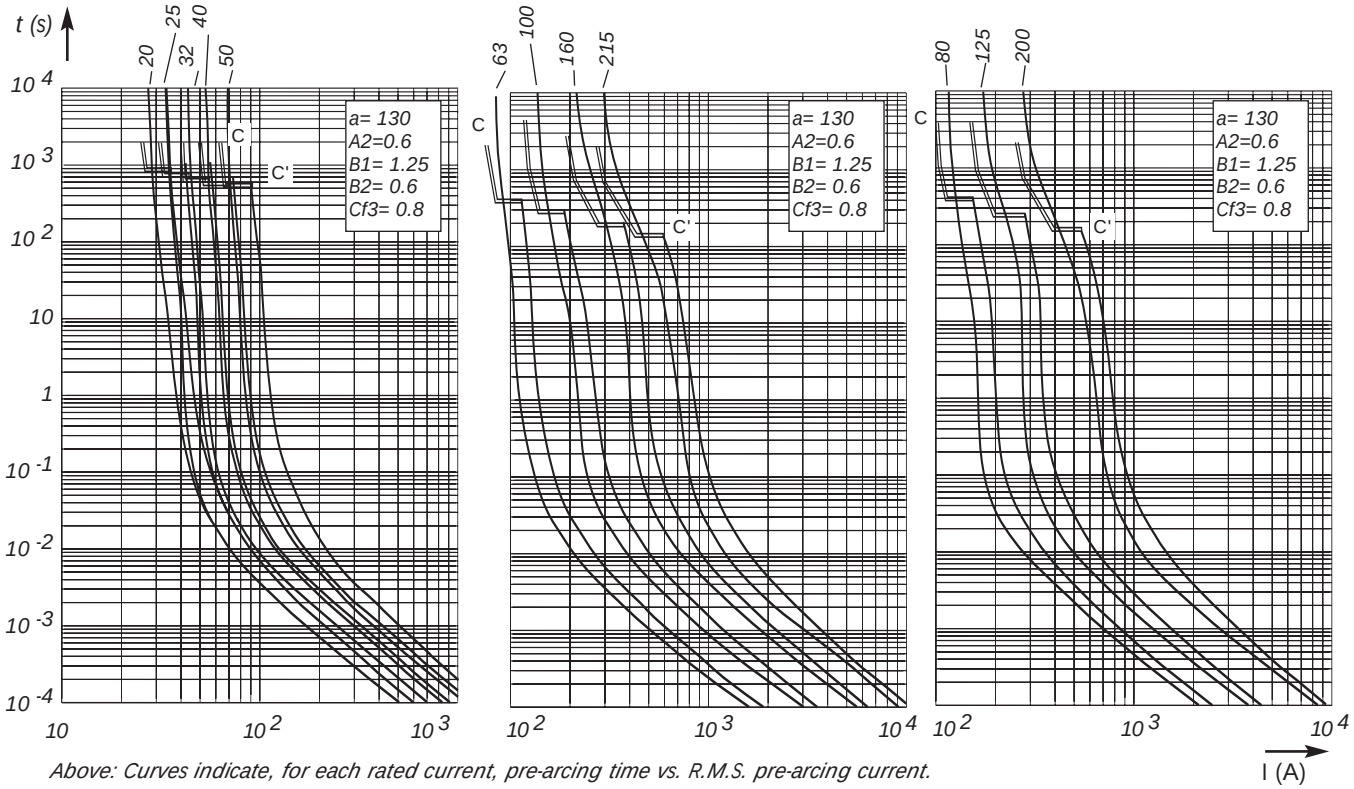
Peak arc voltage vs. working voltage



1 : L/R = 45 ms
2 : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage,which may appear across fuse terminals, vs. DC working voltage

Time vs. current characteristics

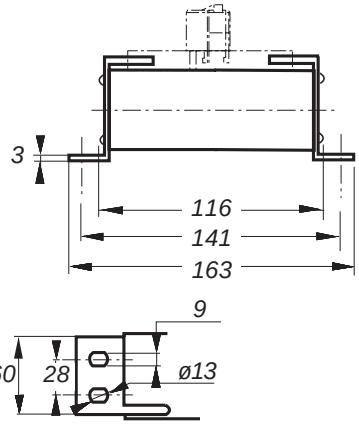


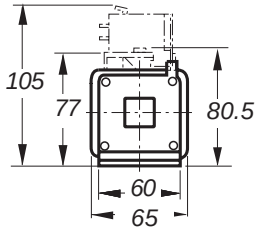
Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

DC Square-body Fuses
Sizes 70- 72 - 2x72
SR 1200V DC

Size 72
SRG from 160 to 420 A

Dimensions





weight : 1151 g

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Max. I^2t @ 1000 V L/R = 15 ms (A^2S)	Max. I^2t @ 1000 V L/R = 45 ms (A^2S)	Designation	Ref. Number	Catalog Number
72	160	@ 1200 V DC 100 kA L/R = 15 ms	41	77.5	12000	20000	CC 12 SRG 72 QF 0160	K079428	D72SG120V160QF
	200		48	88	21000	36000	CC 12 SRG 72 QF 0200	L079429	D72SG120V200QF
	250		57	96	45500	78500	CC 12 SRG 72 QF 0250	M079430	D72SG120V250QF
	315		60	110	90000	154000	CC 12 SRG 72 QF 0315	N079431	D72SG120V315QF
	400		66	129	182000	314000	CC 12 SRG 72 QF 0400	P079432	D72SG120V400QF
	420		67	131	220000	380000	CC 12 SRG 72 QF 0420	Q079433	D72SG120V420QF

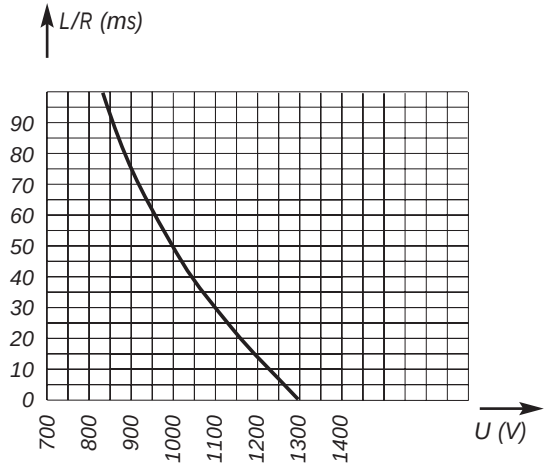
Microswitch: MC 3E 1-5N Ref. Number: D310020

Pack: *1 piece*

DC Square-body Fuses
Sizes 70- 72 - 2x72
SR 1200V DC

Size 72
SRG from 160 to 420 A

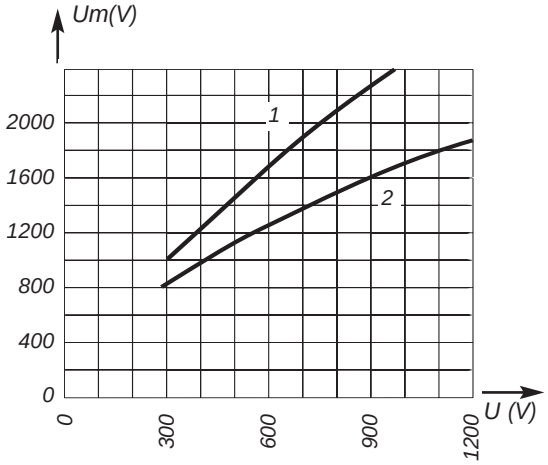
Electrical characteristics
DC applications data



Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltag

Max. AC voltage (50/60 Hz):
900 V with breaking capacity of 100 kA

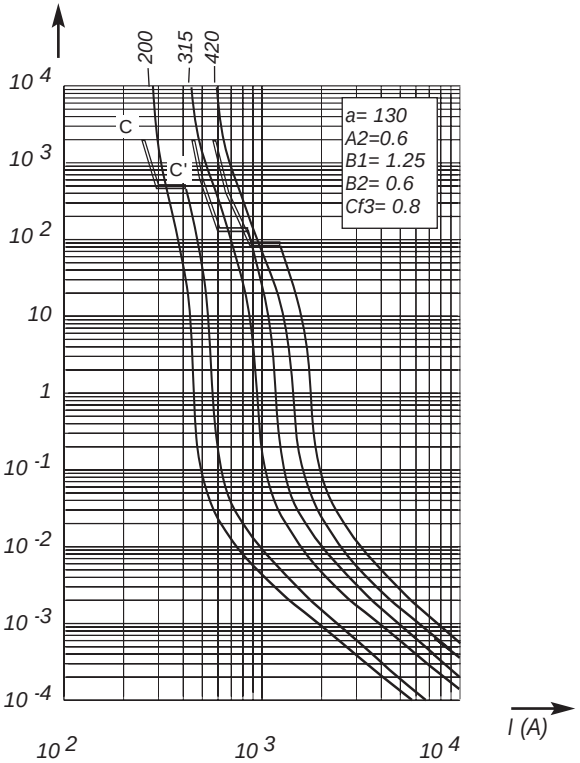
Peak arc voltage vs. working voltage

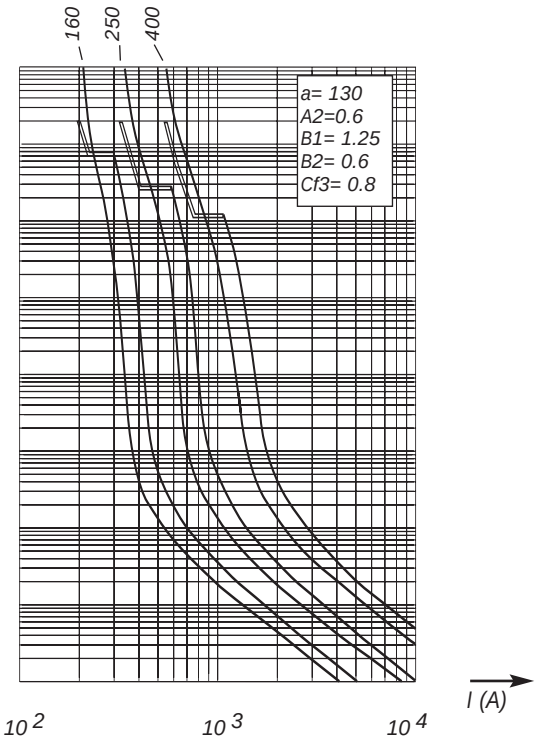


1 : L/R = 45 ms
2 : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across the fuse terminals, vs. DC working voltage

Time vs. current characteristics



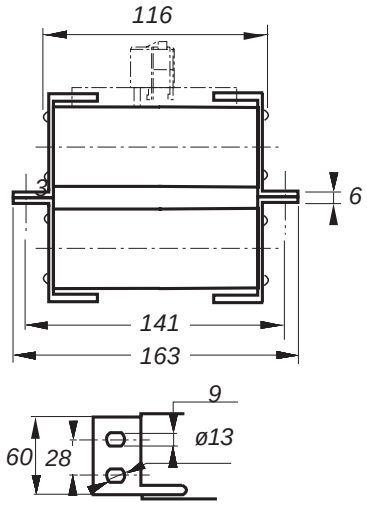


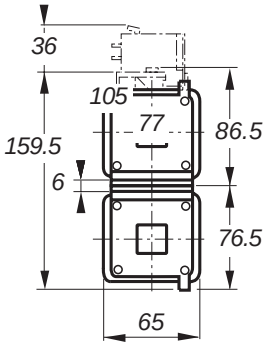
Above, left and right: These curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

DC Square-body Fuses
Sizes 70- 72 - 2x72
SR 1200V DC

Size 2x72
SRG from 500 to 840 A

Dimensions





weight : 2400 g

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Max. I^2t @ 1000 V L/R = 15 ms (A^2S)	Max. I^2t @ 1000 V L/R = 45 ms (A^2S)	Designation	Ref. Number	Catalog Number
	500		120	202	182000	314000	CC 12 SRG 272 QF 500	P077983	D 272 SG 120V 500 QF
	630	@ 1200 V DC	126	230	360000	616000	CC 12 SRG 272 QF 630	F079447	D 272 SG 120V 630 QF
2x72	800	100 kA	139	270	728000	$1.25\ 10^6$	CC 12 SRG 272 QF 800	G079448	D 272 SG 120V 800 QF
	840	L/R = 15 ms	142	275	880000	$1.53\ 10^6$	CC 12 SRG 272 QF 840	H079449	D 272 SG 120V 840 QF

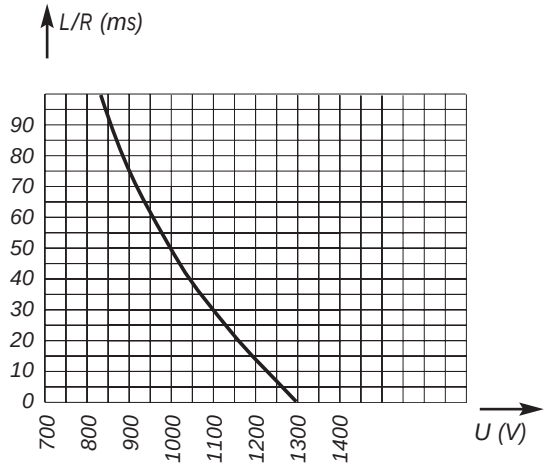
Microswitch: MC 3E 1-5N Ref. Number: D310020

Pack: *1 piece*

DC Square-body Fuses
Sizes 70- 72 - 2x72
SR 1200V DC

Size 2x72
SRG from 500 to 840 A

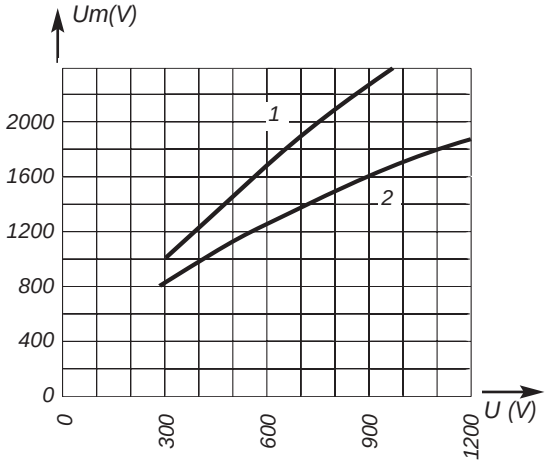
Electrical characteristics
DC applications data



Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltag

Max. AC voltage (50/60 Hz):
900 V with breaking capacity of 100 kA

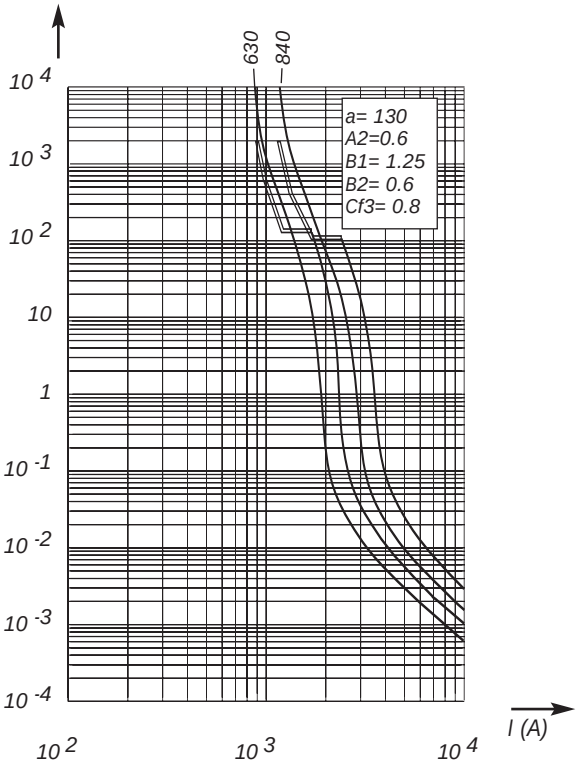
Peak arc voltage vs. working voltage

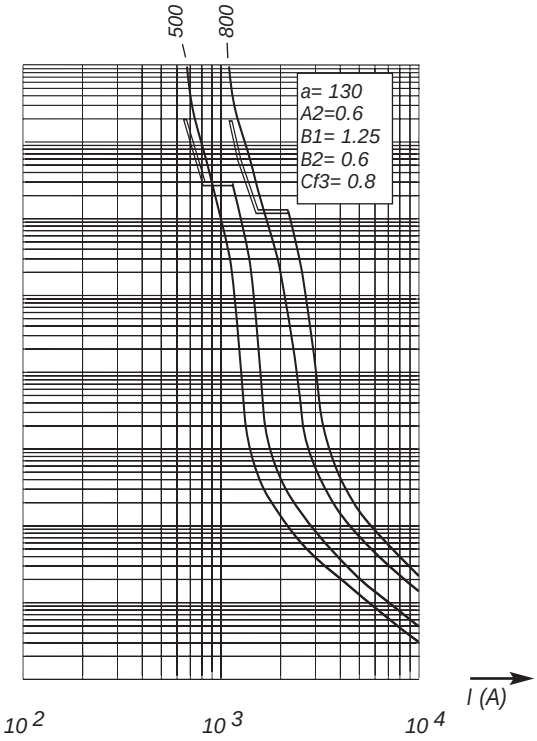


1 : L/R = 45 ms
2 : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across the fuse terminals, vs. DC working voltage

Time vs. current characteristics



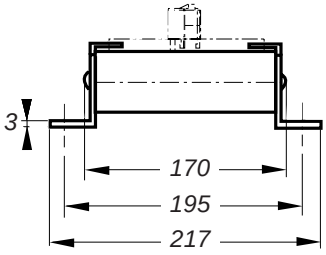


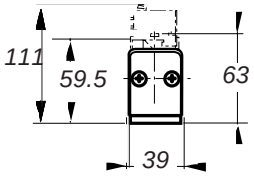
Above, left and right: These curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

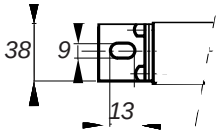
DC Square-body Fuses
Sizes 120- 122 - 2x122
SR 2000V DC

Size 120
SRC from 20 to 215 A

Dimensions







Weight : 900 g

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Max. I^2t @ 1600 V L/R = 15 ms (A^2S)	Max. I^2t @ 1600 V L/R = 45 ms (A^2S)	Designation	Ref. Number	Catalog Number
120	20	@ 2000 V= 100 kA L/R = 15 ms	8	16	180	310	CC 20 SRC 120 QF 0020	J079450	D120SC20C20QF
	25		12.5	25	180	310	CC 20 SRC 120 QF 0025	K079451	D120SC20C25QF
	32		14.5	29.5	350	610	CC 20 SRC 120 QF 0032	L079452	D120SC20C32QF
	40		17.5	36	580	1000	CC 20 SRC 120 QF 0040	M079453	D120SC20C40QF
	50		20.5	42	1030	1800	CC 20 SRC 120 QF 0050	N079454	D120SC20C50QF
	63		26	53.5	1600	2800	CC 20 SRC 120 QF 0063	P079455	D120SC20C63QF
	80		30	61.5	3100	5400	CC 20 SRC 120 QF 0080	Q079456	D120SC20C80QF
	100		35	70.5	5800	10000	CC 20 SRC 120 QF 0100	R079457	D120SC20C100QF
	125		43	87.5	9200	16000	CC 20 SRC 120 QF 0125	S079458	D120SC20C125QF
	160		49	99	19200	33200	CC 20 SRC 120 QF 0160	T079459	D120SC20C160QF
	200		49.5	101	45000	78500	CC 20 SRC 120 QF 0200	V079460	D120SC20C200QF
	215		52	106	55000	95000	CC 20 SRC 120 QF 0215	W079461	D120SC20C215QF

Microswitch: MCR 3E 1-5N BS Ref. Number : G310023

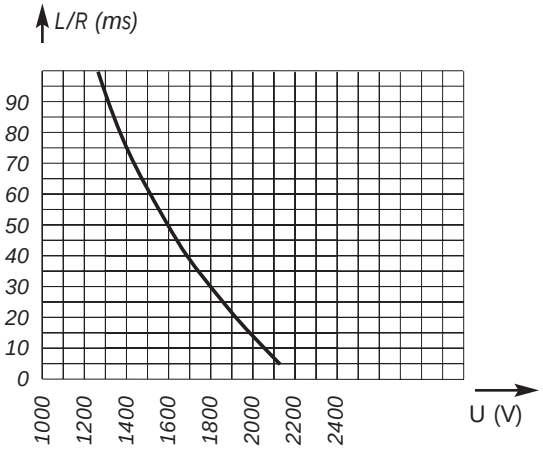
Pack: *1 piece*

DC Square-body Fuses
Sizes 120- 122 - 2x122
SR 2000V DC

Size 120
SRC from 20 to 215 A

Electrical characteristics

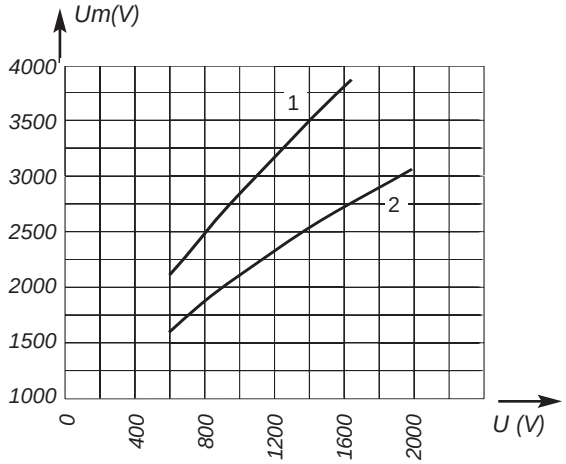
DC applications data



Above: Curve indicates the maximum permissible value of time constant L/R as a function of the DC working voltage

Max. AC voltage (50/60 Hz):
1500 V with breaking capacity of 100 kA

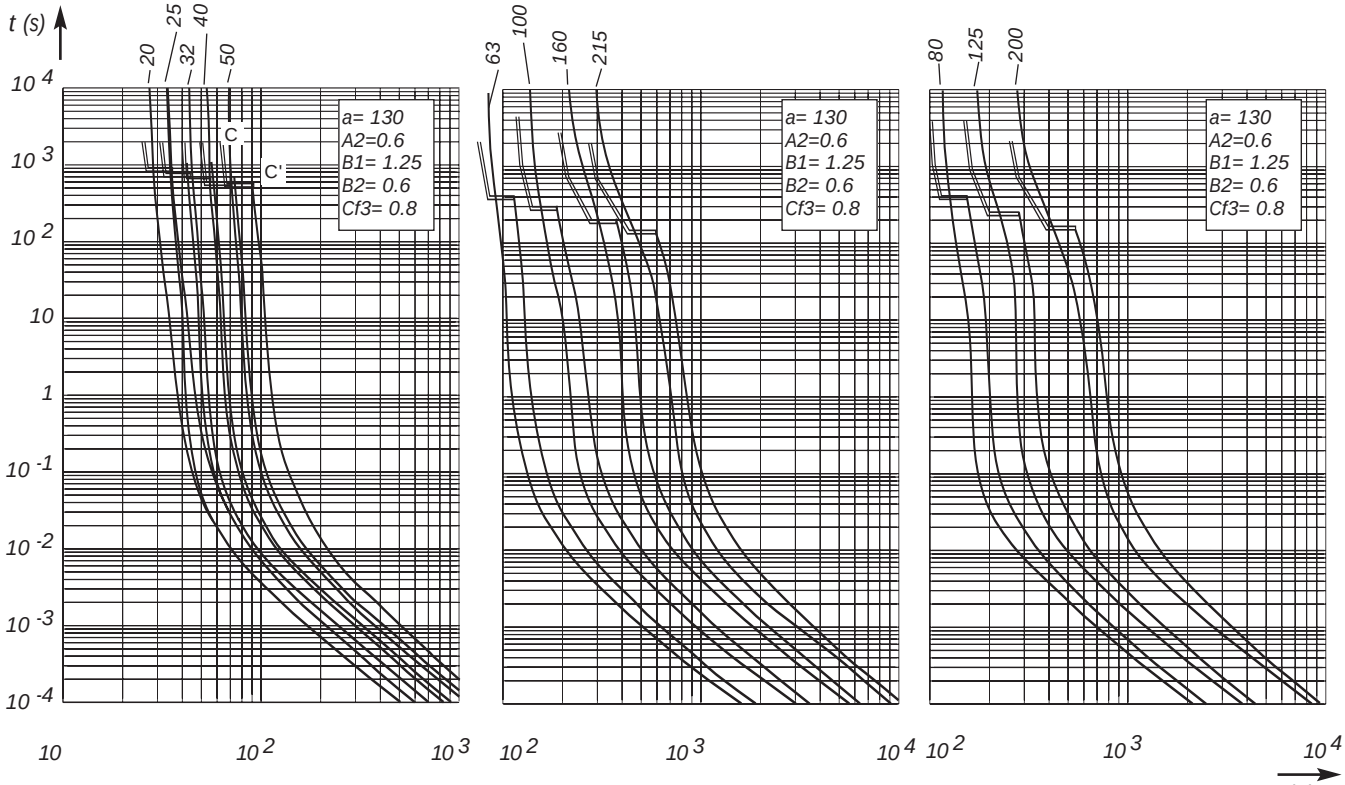
Peak arc voltage vs. working voltage



1 : L/R = 45 ms
2 : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across the fuse terminals, vs. DC working voltage

Time vs. current characteristics

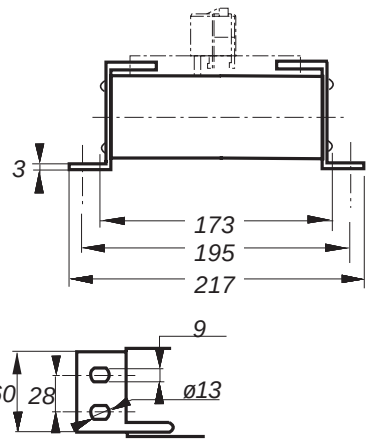


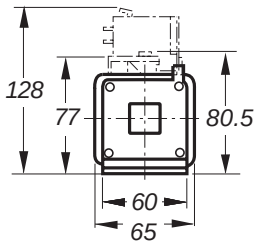
Above, left to right: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current

DC Square-body Fuses
Sizes 120- 122 - 2x122
SR 2000V DC

Size 122
SRD from 160 to 400 A

Dimensions





Weight : 1810 g

Main Characteristics

Size	Current rating I_N(A)	Breaking capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Max. I^2t @ 1600 V L/R = 15 ms (A^2S)	Max. I^2t @ 1600 V L/R = 45 ms (A^2S)	Designation	Ref. Number	Catalog Number
		@ 1800 V DC							
	60	100 kA	52.5	100	15000	25000	CC 20 SRD 122 QF 0160	D076639	D122SD20C160QF
	200	L/R = 30 ms	61.5	118	26000	44000	CC 20 SRD 122 QF 0200	X079462	D122SD20C200QF
122	250	@ 2000 V	69	131	50000	87000	CC 20 SRD 122 QF 0250	Y079463	D122SD20C250QF
	315	DC	74	150	117000	200000	CC 20 SRD 122 QF 0315	Z079464	D122SD20C315QF
	400	100k A	87	175	219000	380000	CC 20 SRD 122 QF 0400	A079465	D122SD20C400QF
		L/R = 15 ms							

Microswitch: MCR 3E 1-5N BS Ref. Number : G310023

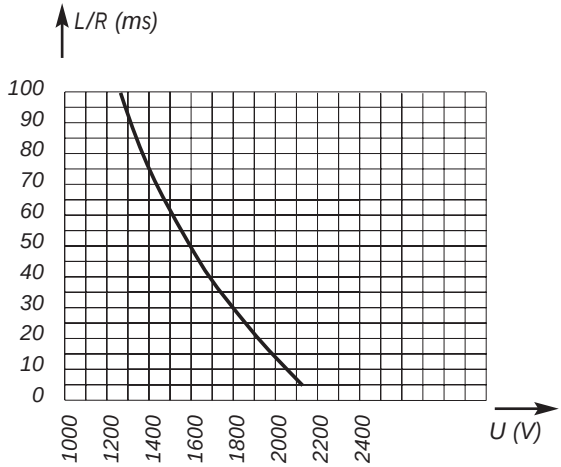
Pack: *1 piece*

DC Square-body Fuses
Sizes 120- 122 - 2x122
SR 2000V DC

Size 122
SRD from 160 to 400 A

Electrical characteristics

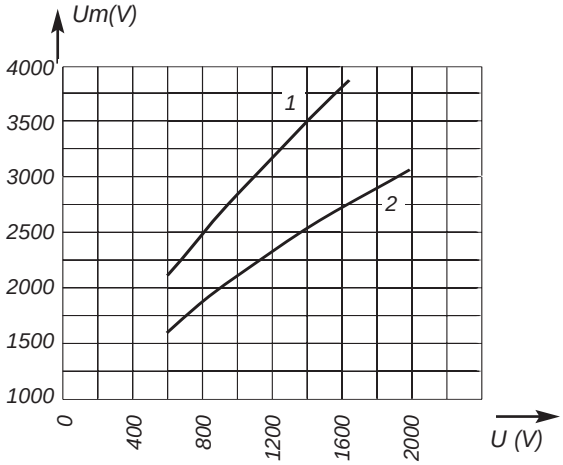
DC applications data



Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):
1500 V with breaking capacity of 100 kA

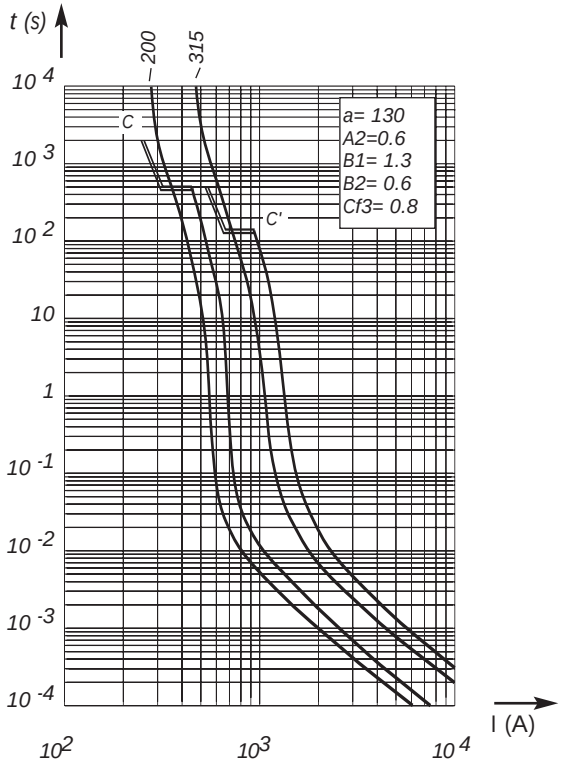
Peak arc voltage vs. working voltage

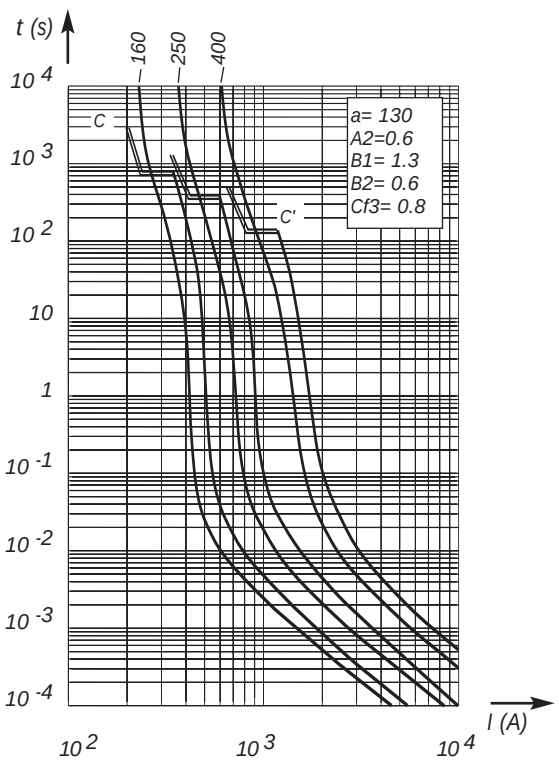


1 : L/R = 45 ms
2 : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across fuse terminals, vs. DC working voltage

Time vs. current characteristics



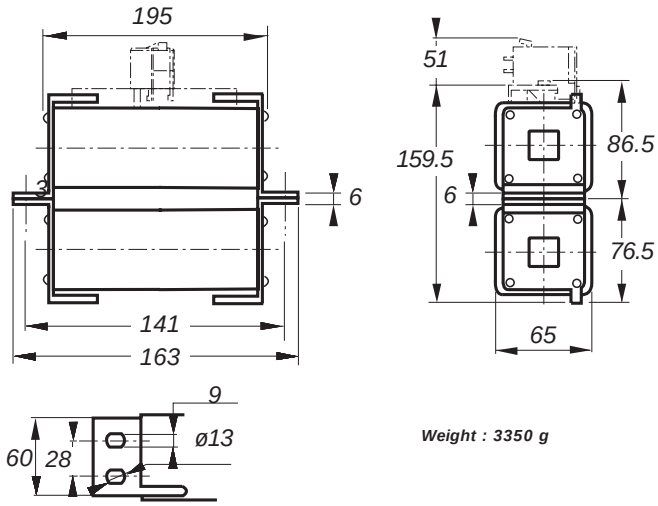


Above, left and right: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

DC Square-body Fuses
Sizes 120- 122 - 2x122
SR 2000V DC

Size 2x122
SRD from 500 to 800 A

Dimensions



Weight : 3350 g

Main Characteristics

Size	Current rating I_N(A)	Breaking capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Max. I^2t @ 1600 V L/R = 15 ms (A^2S)	Max. I^2t @ 1600 V L/R = 45 ms (A^2S)	Designation	Ref. Number	Catalog Number
2x122	500	@ 1800 V DC 100 kA L/R = 30 ms @ 2000 V DC 100k A L/R = 15 ms	145	274	200000	348000	CC 20 SRD 2122 QF 500	E076640	D2122SD20C500QF
	630		155	314	468000	800000	CC 20 SRD 2122 QF 630	F076641	D2122SD20C630QF
	800		182	367	876000	1.520000	CC 20 SRD 2122 QF 800	V096066	D2122SD20C800QF

Microswitch: MCR 3E 1-5N BS Ref. Number : G310023

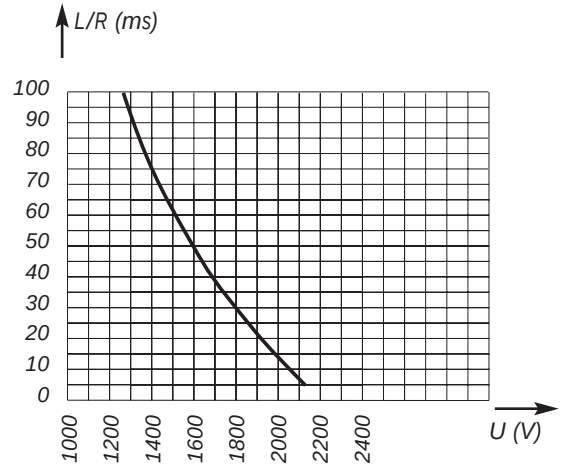
Pack: *1 piece*

DC Square-body Fuses
Sizes 120- 122 - 2x122
SR 2000V DC

Size 2x122
SRD from 500 to 800 A

Electrical characteristics

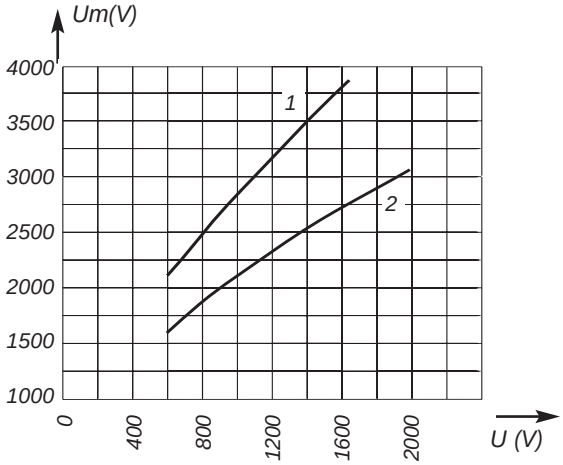
DC applications data



Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):
1500 V with breaking capacity of 100 kA

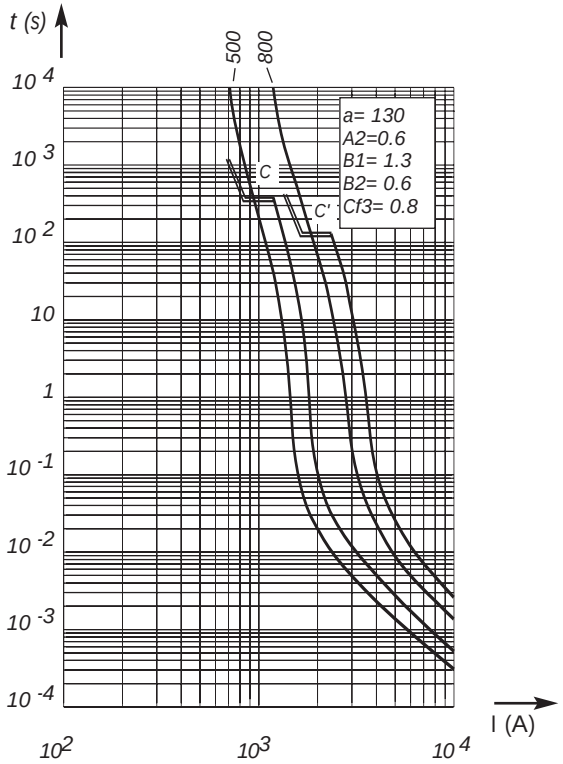
Peak arc voltage vs. working voltage

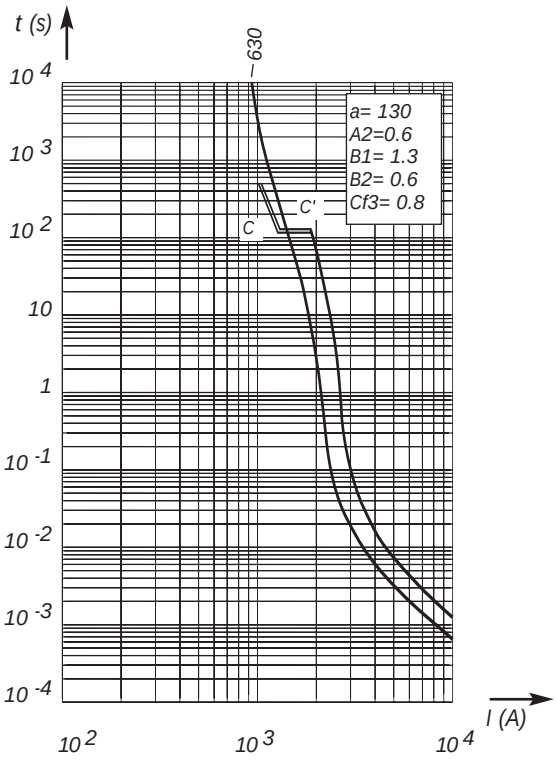


1 : L/R = 45 ms
2 : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across fuse terminals, vs. DC working voltage

Time vs. current characteristics



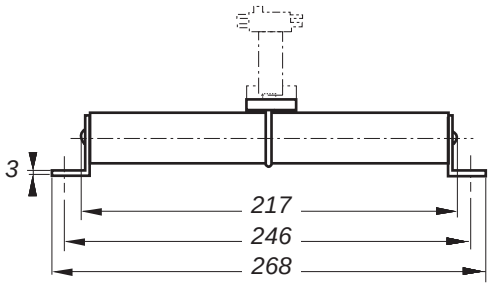


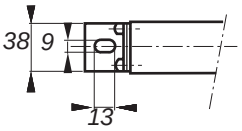
Above, left and right: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

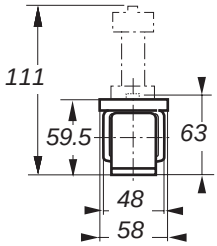
DC Square-body Fuses
Sizes 300 - 302 - 2x302
gR Brackets size 300 - 1750 to 2000V DC

gRC-gRE from 6 to 125 A

Dimensions







Weight: 1150 g

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Designation	Ref. Number	Catalog Number
300	6	@ 1750 V DC 30 kA L/R = 30 ms	3.4	6	CC 17,5 gRC 300 QF 0006	P083733	D300GC17C6QF
	8		4.4	8	CC 17,5 gRC 300 QF 0008	Q083734	D300GC17C8QF
	10		5.8	10.6	CC 17,5 gRC 300 QF 0010	M089435	D300GC17C10QF
	12		6	11	CC 17,5 gRC 300 QF 0012	R087898	D300GC17C12QF
	16		6.7	12	CC 17,5 gRC 300 QF 0016	N089436	D300GC17C16QF
	20	@ 2000 V DC 30 kA L/R = 30 ms	7.9	14	CC 20 gRC 300 QF 0020	R086932	D300GC20C20QF
	25		10	18	CC 20 gRC 300 QF 0025	S086933	D300GC20C25QF
	32		13.5	24	CC 20 gRC 300 QF 0032	T086934	D300GC20C32QF
	40		16	29	CC 20 gRC 300 QF 0040	V086935	D300GC20C40QF
	50		19	34	CC 20 gRC 300 QF 0050	W086936	D300GC20C50QF
	63		23.5	42.5	CC 20 gRC 300 QF 0063	X086937	D300GC20C63QF
	80		28.5	51.5	CC 20 gRC 300 QF 0080	Y086938	D300GC20C80QF
	80	@ 2000 V DC 30 kA L/R = 14 ms	22	40	CC 20 gRE 300 QF 0080	P075752	D300GE20C80QF
	100		28	50	CC 20 gRE 300 QF 0100	Q075753	D300GE20C100QF
	125	@ 1800 V= 100 kA L/R = 20 ms	30	55	CC 20 gRE 300 QF 0125	R075754	D300GE20C125QF

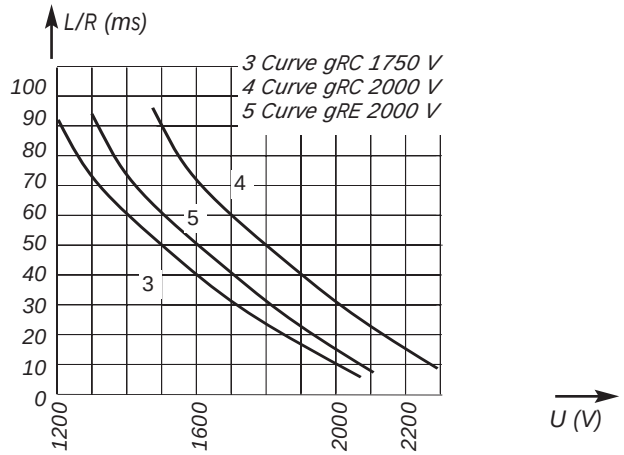
Microswitch: MC R 3E 1-5N Ref. Number: G310023

Pack: *1 piece*

DC Square-body Fuses
Sizes 300 - 302 - 2x302
gR Brackets size 300 - 1750 to 2000V DC

gRC-gRE from 6 to 125 A

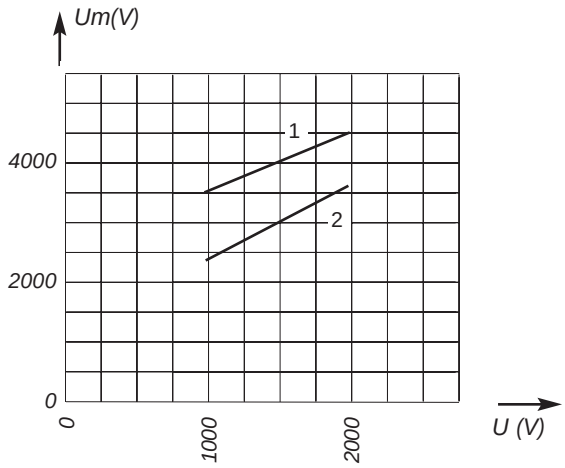
Electrical characteristics
DC applications data



Above: Curves indicate maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):
1,700 V with breaking capacity of 80 kA

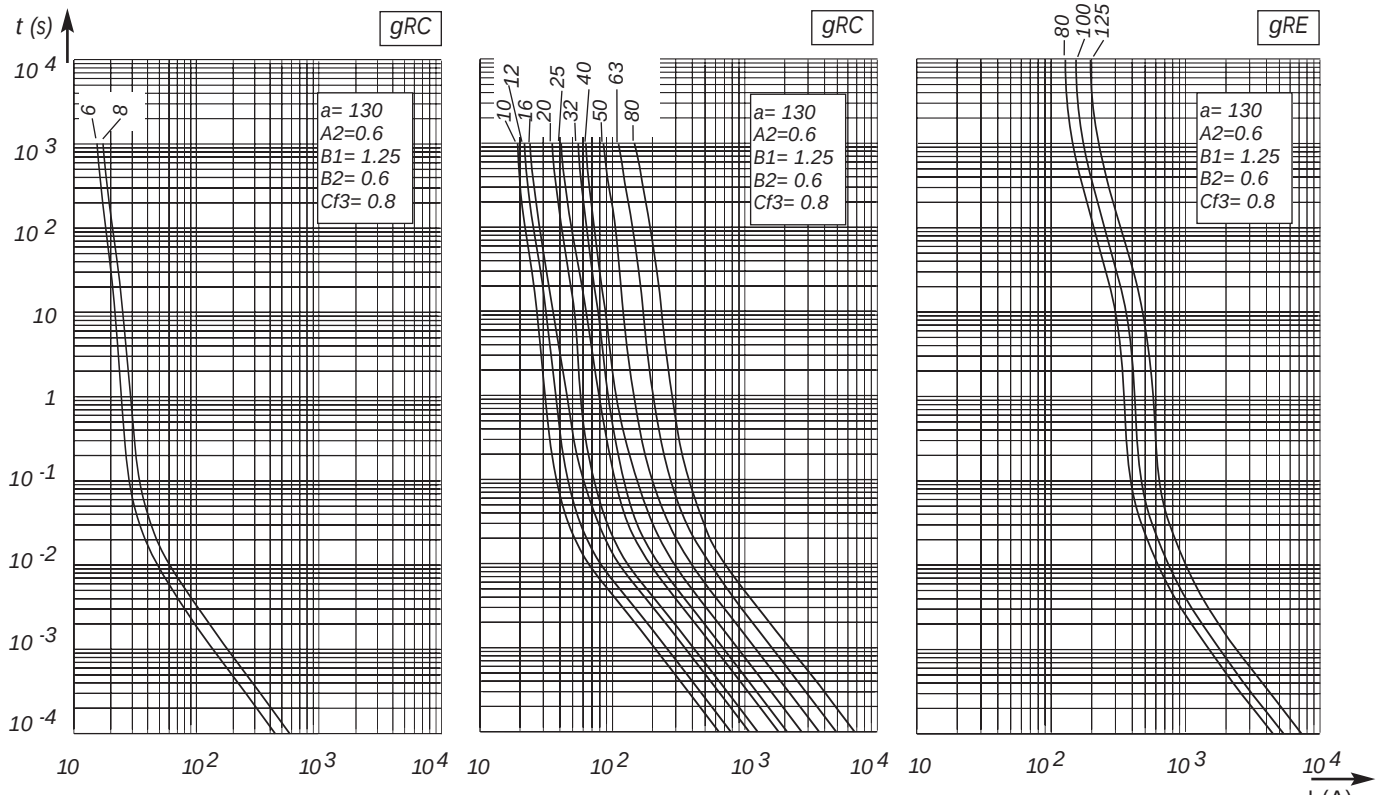
Peak arc voltage
vs. working voltage



1 Curve gRC : L/R = 30 ms
2 Curve gRE : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across fuse terminals, vs. DC working voltage

Time vs. current characteristics



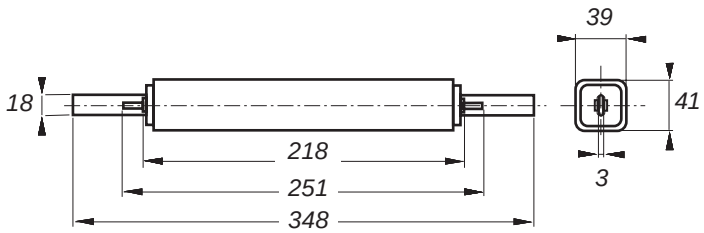
Above, left to right: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current

± 10% tolerance for mean pre-arcing current

DC Square-body Fuses
Sizes 300 - 302 - 2x302
gR Blades size 300 - 1750 to 2000V DC

Size 300
gRC from 10 to 80 A

Dimensions



Weigth: 1050 g

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Designation	Ref. Number	Catalog Number
300	10	@ 1750 V DC	5.8	10.6	CC 17000 CV3 gRC 300PSP 10	Y088870	D 300 GC 17C 10P
	12	30 kA	6	11	CC 17000 CV3 gRC 300PSP 12	X081026	D 300 GC 17C 12P
	16	L/R = 30 ms	6.7	12	CC 17000 CV3 gRC 300PSP 16	L086996	D 300 GC 17C 16P
	20		7.9	14	CC 20000 CV3 gRC 300PSP 20	K086995	D 300 GC 20C 20P
	25		10	18	CC 20000 CV3 gRC 300PSP 25	Q081894	D 300 GC 20C 25P
	32	@ 2000 V DC	13.5	24	CC 20000 CV3 gRC 300PSP 32	J086994	D 300 GC 20C 32P
	40	30 kA	16	29	CC 20000 CV3 gRC 300PSP 40	M086997	D 300 GC 20C 40P
	50	L/R = 30 ms	19	34	CC 20000 CV3 gRC 300PSP 50	G086992	D 300 GC 20C 50P
	63		23.5	42.5	CC 20000 CV3 gRC 300PSP 63	F086991	D 300 GC 20C 63P
	80		28.5	51.5	CC 20000 CV3 gRC 300PSP 80	E086990	D 300 GC 20C 80P

Pack: *1 piece*

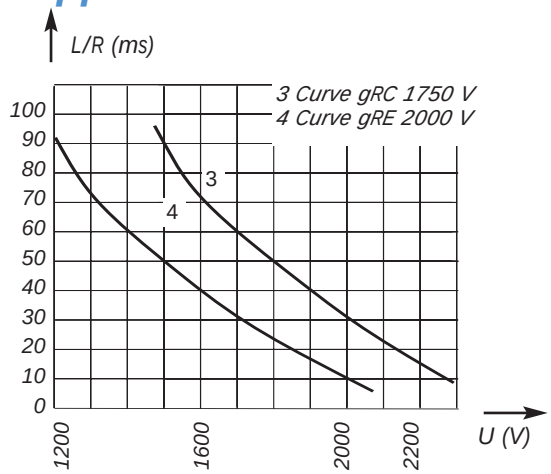
Microswitch MC 2R 3E 1-5N BS Reference number: J310025

DC Square-body Fuses
Sizes 300 - 302 - 2x302
gR Blades size 300 - 1750 to 2000V DC

Size 300
gRC-gRE from 200 to 560 A

Electrical characteristics

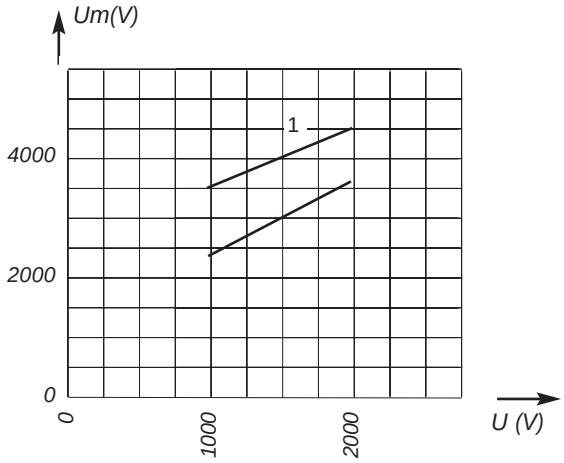
DC applications data



Above: Curves indicate maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):
1700 V with breaking capacity of 80 kA

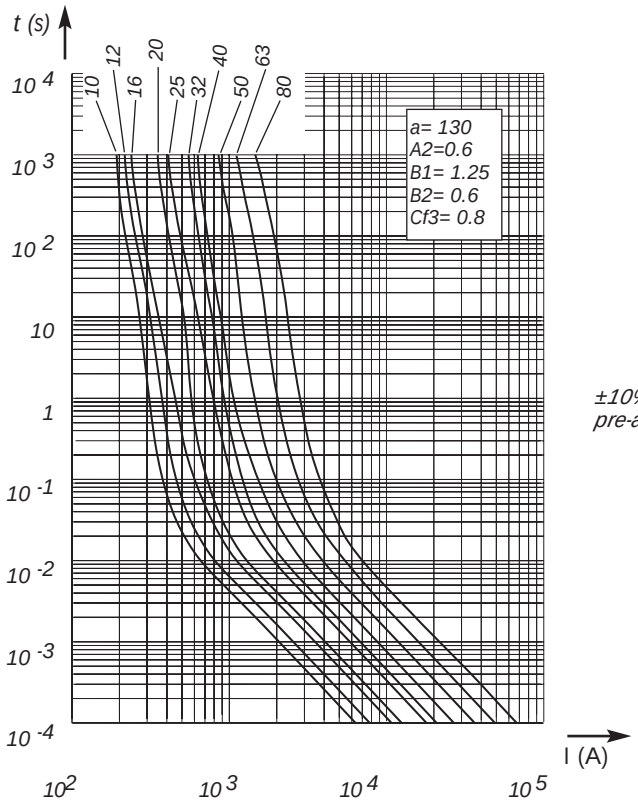
Peak arc voltage vs. working voltage



1 Curve gRC : L/R = 30 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across the fuse terminals, vs. DC working voltage

Time vs. current characteristics



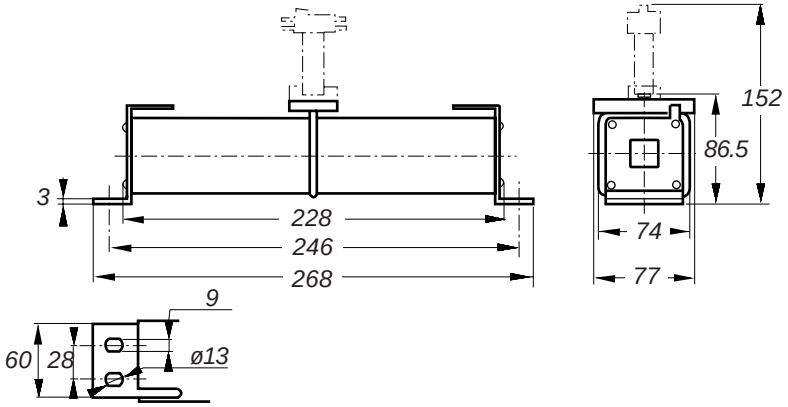
±10% tolerance for mean pre-arcing current

Above, left and right: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current

DC Square-body Fuses
Sizes 300 - 302 - 2x302
gR Brackets size 302 - 2000V DC

gRC-gRE from 100 to 280 A

Dimensions



Weigth: 4400 g

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Designation	Ref. Number	Catalog Number
	100	@ 2000 V DC	30	58.5	CC 20 gRC 302 QF 0100	N086929	D302GC20C100QF
	125	30 kA	37	72	CC 20 gRC 302 QF 0125	P086930	D302GC20C125QF
	160	L/R = 30 ms	47.5	93	CC 20 gRC 302 QF 0160	Q086931	D302GC20C160QF
		@ 2000 V DC					
302	160	30 kA	42	70	CC 20 gRE 302 QF 0160	S075755	D302GE20C160QF
	200	L/R = 14 ms	48	80	CC 20 gRE 302 QF 0200	T075756	D302GE20C200QF
	250		57	95	CC 20 gRE 302 QF 0250	V075757	D302GE20C250QF
	280	@ 1800 V DC	60	100	CC 20 gRE 302 QF 0280	W075758	D302GE20C280QF
		100 kA					
		L/R = 20 ms					

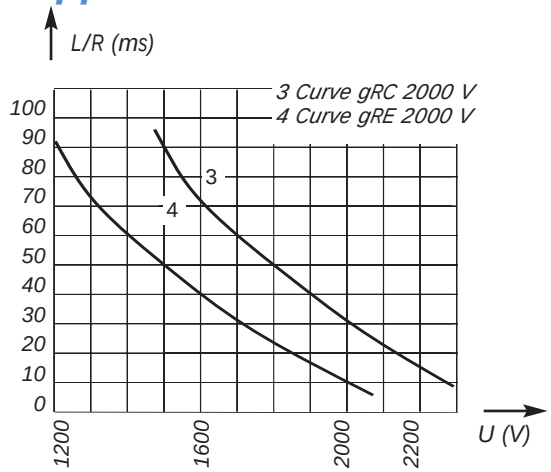
Microswitch MC 2R 3E 1-5N BS Reference number: J310025

DC Square-body Fuses
Sizes 300 - 302 - 2x302
gR Brackets size 302 - 2000V DC

gRC-gRE from 100 to 280 A

Electrical characteristics

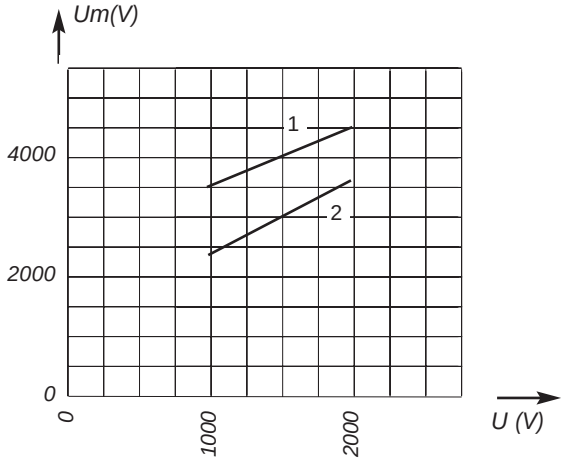
DC applications data



Above: Curves indicate maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):
1700 V with breaking capacity of 80 kA

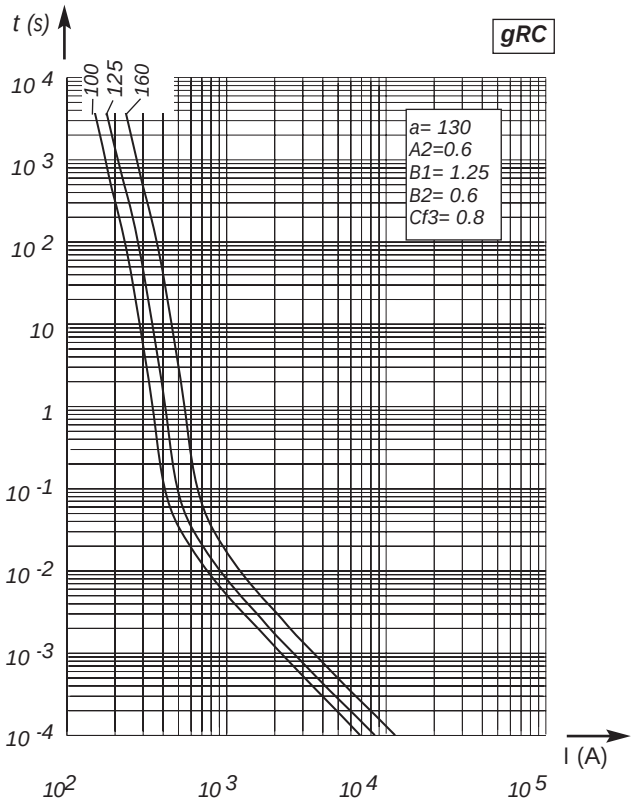
Peak arc voltage vs. working voltage



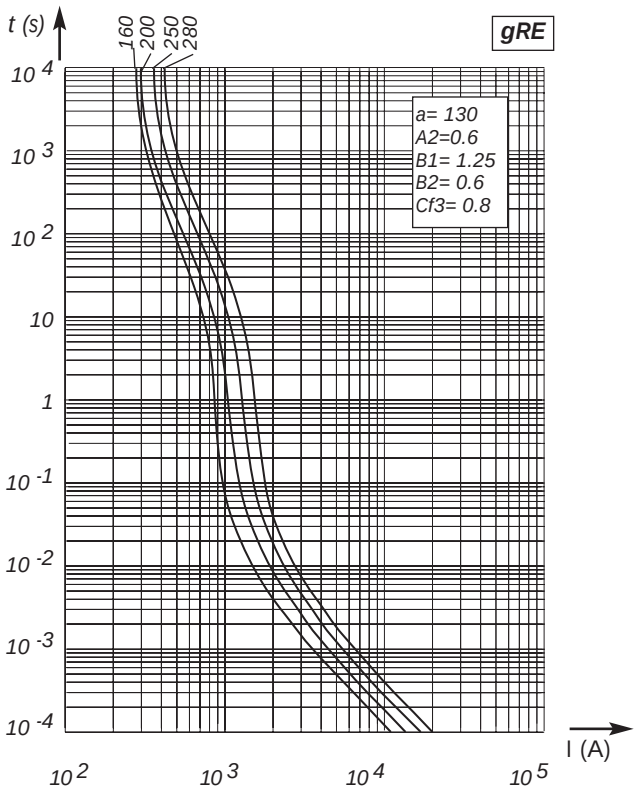
1 Curve gRC : L/R = 30 ms
2 Curve gRE : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across the fuse terminals, vs. DC working voltage

Time vs. current characteristics



Above, left and right: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current

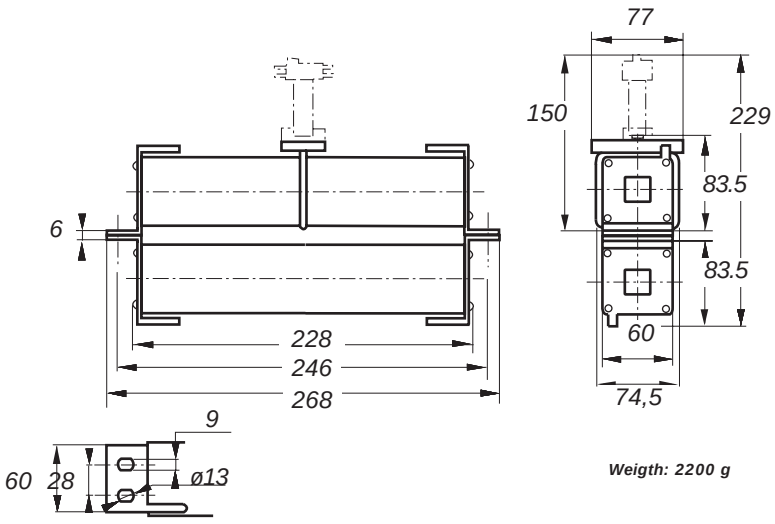


±10% tolerance for mean pre-arcing current

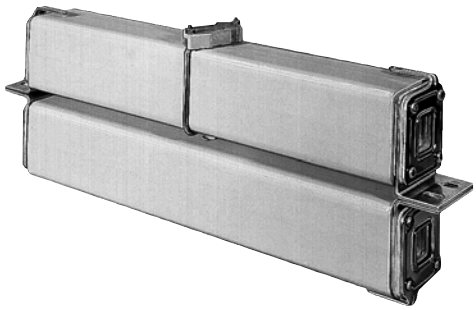
DC Square-body Fuses
Sizes 300 - 302 - 2x302
gR Blades size 2x302 - 2000V DC

gRC-gRE from 200 to 560 A

Dimensions



Weigth: 2200 g



Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Designation	Ref. Number	Catalog Number
2x302	200	@ 2000 V DC 30 kA L/R = 30 ms	60	117	CC 20 gRC 2302 QF 200	B079903	D2302GC20C200QF
	250		74	144	CC 20 gRC 2302 QF 250	C079904	D2302GC20C250QF
	315	@ 2000 V DC 30 kA L/R = 14 ms	84	140	CC 20 gRE 2302 QF 315	X075759	D2302GE20C315QF
	400		96	160	CC 20 gRE 2302 QF 400	Y075760	D2302GE20C400QF
	500		115	190	CC 20 gRE 2302 QF 500	Z075761	D2302GE20C500QF
	560	@ 1800 V DC 100 kA L/R = 20 ms	120	200	CC 20 gRE 2302 QF 560	A075762	D2302GE20C560QF

Pack: *1 piece*

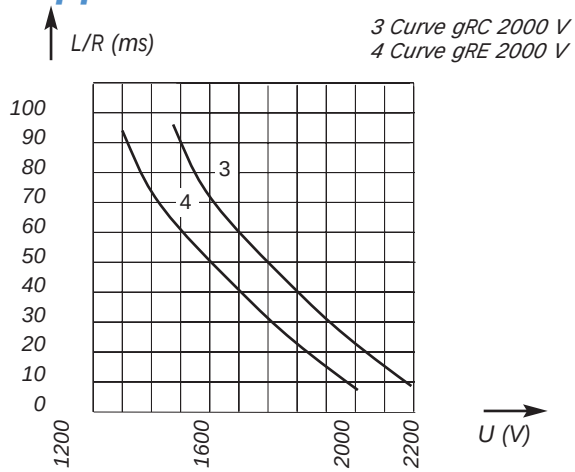
Microswitch MC 2R 3E 1-5N BS Reference number: J310025

DC Square-body Fuses
Sizes 300 - 302 - 2x302
gR Blades size 2x302 - 2000V DC

gRC-gRE from 200 to 560 A

Electrical characteristics

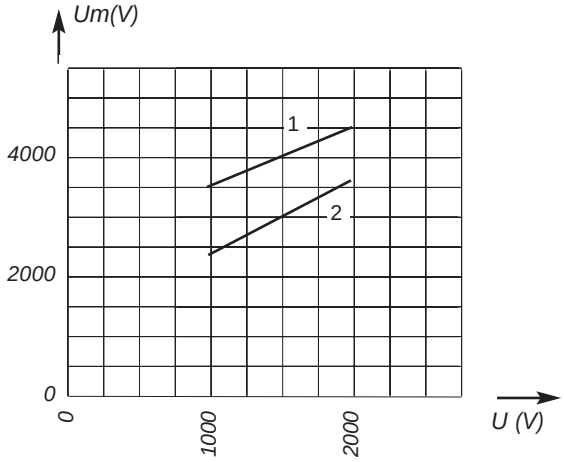
DC applications data



Above: Curves indicate maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):
1700 V with breaking capacity of 80 kA

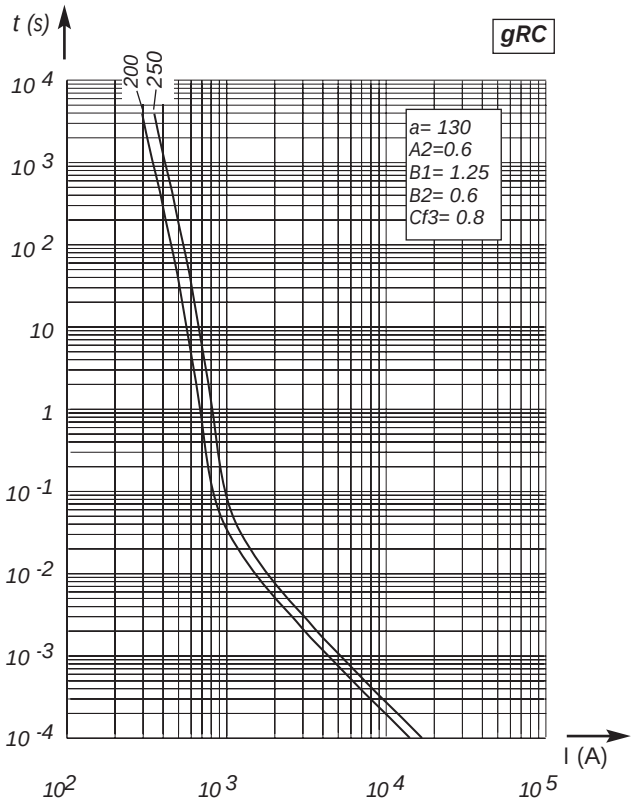
Peak arc voltage vs. working voltage



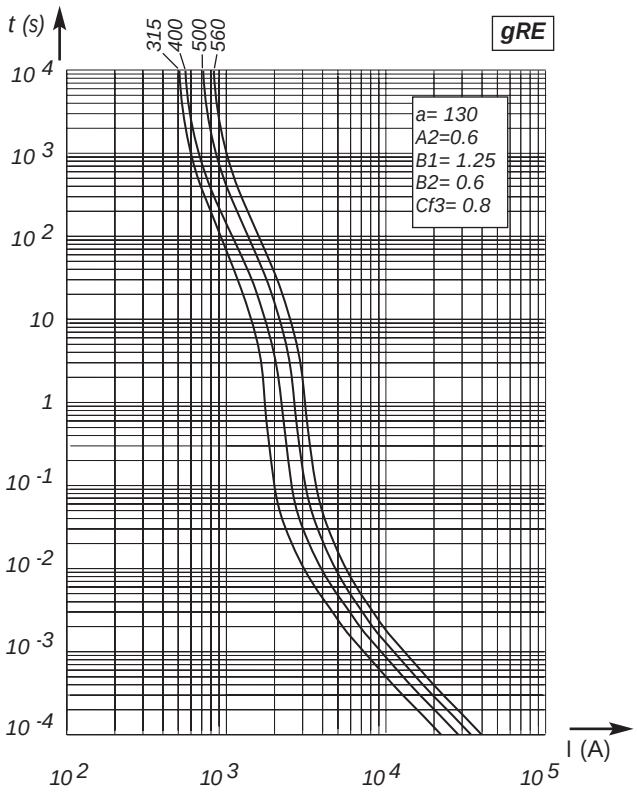
1 Curve gRC : L/R = 30 ms
2 Curve gRE : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across the fuse terminals, vs. DC working voltage

Time vs. current characteristics



Above, left and right: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current

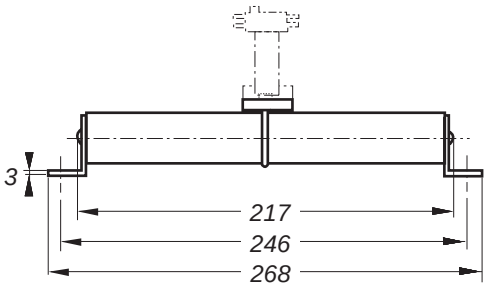


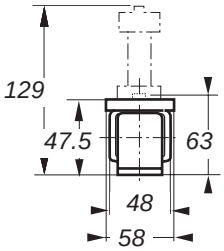
±10% tolerance for mean pre-arcing current

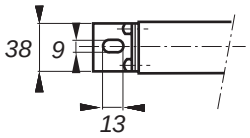
DC Square-body Fuses
Sizes 300 - 302 - 2x302
SR Brackets size 300 - 2400V DC

SRE from 20 to 180 A

Dimensions







Weight: 1150 g

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Max. I^2t @ 2000 V L/R = 15 ms (A^2S)	Max. I^2t @ 2000 V L/R = 45 ms (A^2S)	Designation	Ref. Number	Catalog Number
300	20	@ 2400 V DC 100 kA L/R = 15 ms @ 2000 V DC 100 kA L/R = 45 ms	18	36	150	260	CC 24 SRE 300 QF 0020	X075299	D300SE24C20QF
	25		21	42	260	460	CC 24 SRE 300 QF 0025	W075298	D300SE24C25QF
	32		22	43	310	540	CC 24 SRE 300 QF 0032	G079471	D300SE24C32QF
	40		26	51	530	920	CC 24 SRE 300 QF 0040	H079472	D300SE24C40QF
	50		32	62	750	1300	CC 24 SRE 300 QF 0050	J079473	D300SE24C50QF
	63		35	69	1650	2900	CC 24 SRE 300 QF 0063	K079474	D300SE24C63QF
	80		38	75	3700	6500	CC 24 SRE 300 QF 0080	L079475	D300SE24C80QF
	100		41	80	8000	14000	CC 24 SRE 300 QF 0100	M079476	D300SE24C100QF
	125		49	95	14000	25000	CC 24 SRE 300 QF 0125	N079477	D300SE24C125QF
	160		50	96	34000	60000	CC 24 SRE 300 QF 0160	P079478	D300SE24C160QF
	180		51	98	57000	100000	CC 24 SRE 300 QF 0180	Q079479	D300SE24C180QF

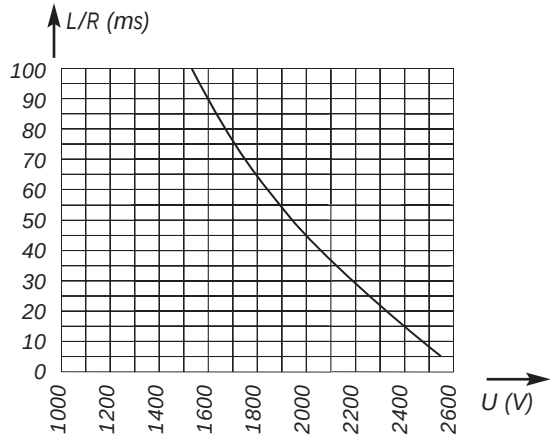
Pack: *1 piece*

Microswitch MC 2R 3E 1-5N BS Ref. Number: J310025

DC Square-body Fuses
Sizes 300 - 302 - 2x302
SR Brackets size 300 - 2400V DC

SRE from 20 to 180 A

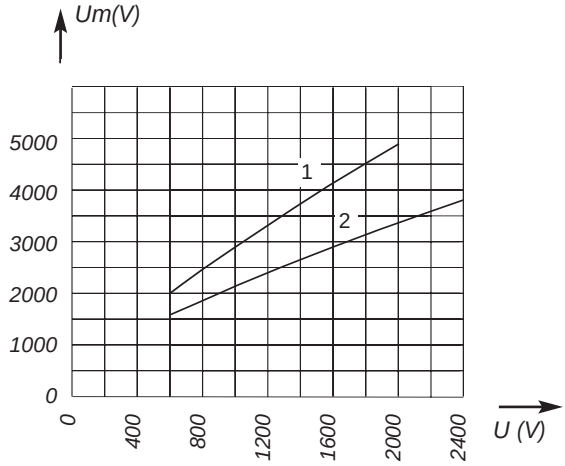
Electrical characteristics
DC applications data



Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):
2000 V with breaking capacity of 80 kA

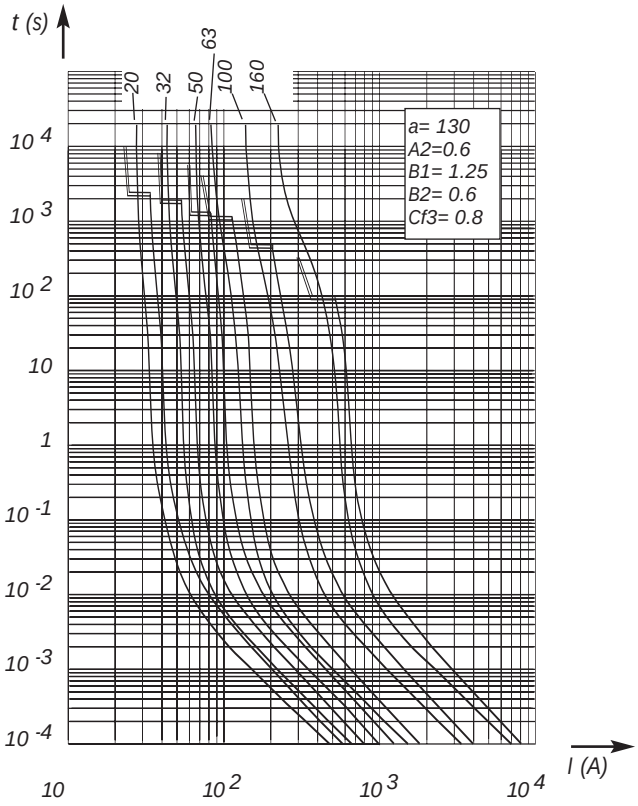
Peak arc voltage
vs. working voltage

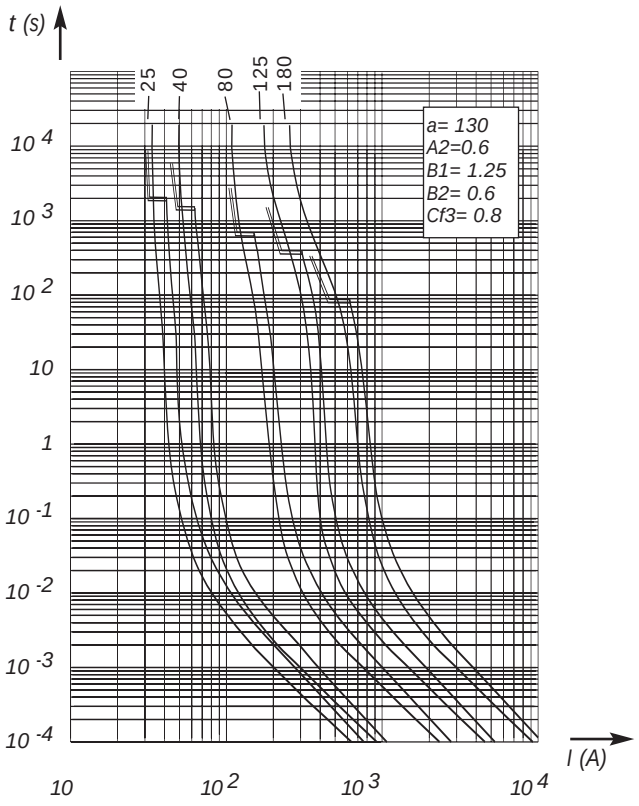


1 : L/R = 45 ms
2 : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across fuse terminals, vs. DC working voltage

Time vs. current characteristics



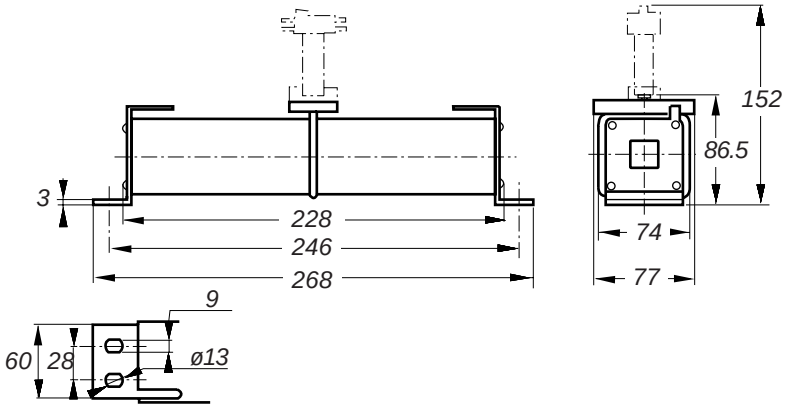


Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

DC Square-body Fuses
Sizes 300 - 302 - 2x302
SR Brackets size 302 - 2400V DC

SRD - SRF from 160 to 400 A

Dimensions



Weigth: 1830 g

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Max. I^2t @ 2000 V L/R = 15 ms (A^2S)	Max. I^2t @ 2000 V L/R = 45 ms (A^2S)	Designation	Ref. Number	Catalog Number
302	160	@ 2400 V DC	71	142	18,500	32,000	CC 24 SRD 302 QF 0160	J 076644	D302SD24C160QF
	200	100 kA	76	149	38,000	66,000	CC 24 SRD 302 QF 0200	R079480	D302SD24C200QF
	250	L/R = 15 ms	90	179	68,000	120,000	CC 24 SRD 302 QF 0250	S079481	D302SD24C250QF
	315		94	186	150,000	250,000	CC 24 SRD 302 QF 0315	T079482	D302SD24C315QF
	350	@ 2000 V DC	95	187	230,000	400,000	CC 24 SRD 302 QF 0350	V079483	D302SD24C350QF
	400	100 kA	96	188	195,000	325,000	CC 24 SRF 302 QF 0400	V075297	D302SF24C400QF
		L/R = 45 ms							

Microswitch MC 2R 3E 1-5N BS Ref. Number: J310025

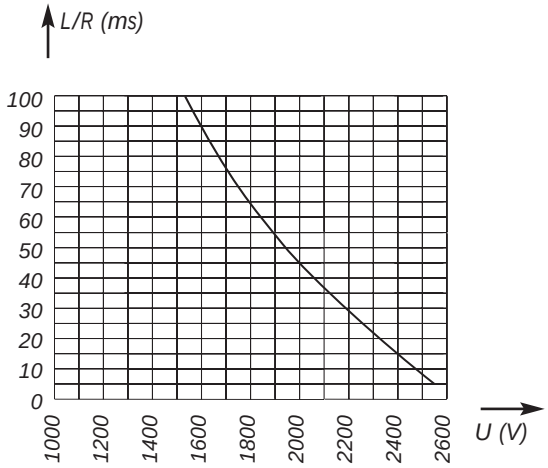
Pack: *1 piece*

DC Square-body Fuses
Sizes 300 - 302 - 2x302
SR Brackets size 302 - 2400V DC

SRD - SRF from 160 to 400 A

Electrical characteristics

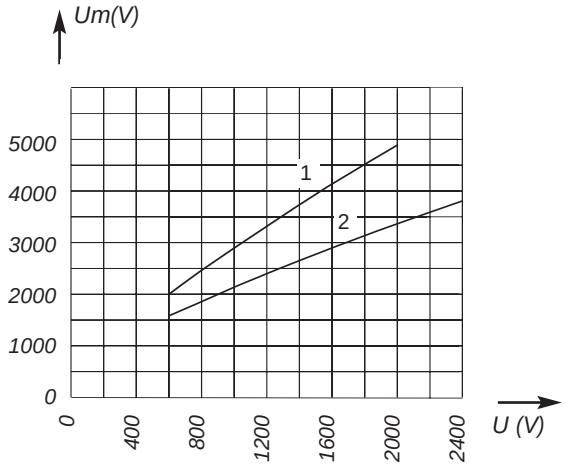
DC applications data



Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):
2000 V with breaking capacity of 80 kA

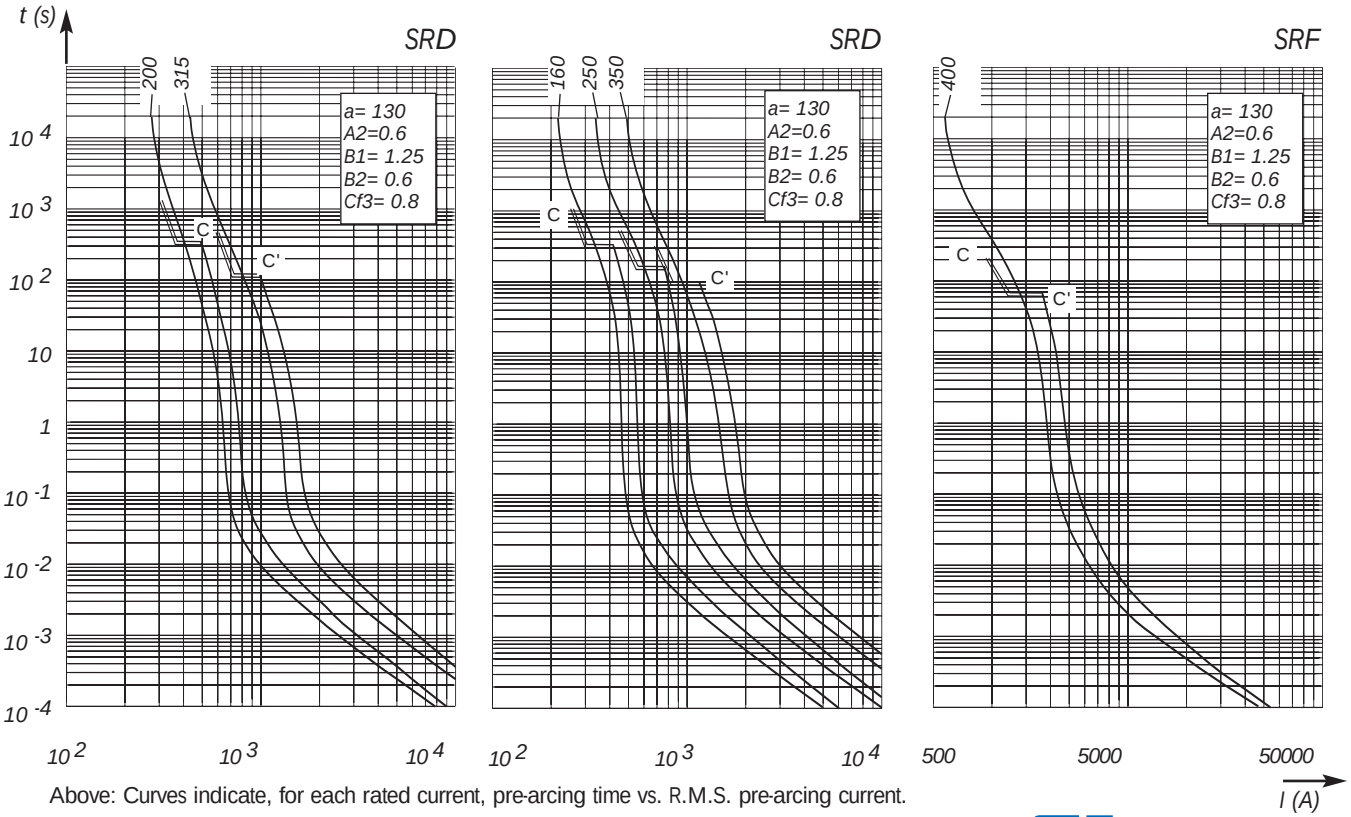
Peak arc voltage vs. working voltage



1 : L/R = 45 ms
2 : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across fuse terminals, vs. DC working voltage

Time vs. current characteristics

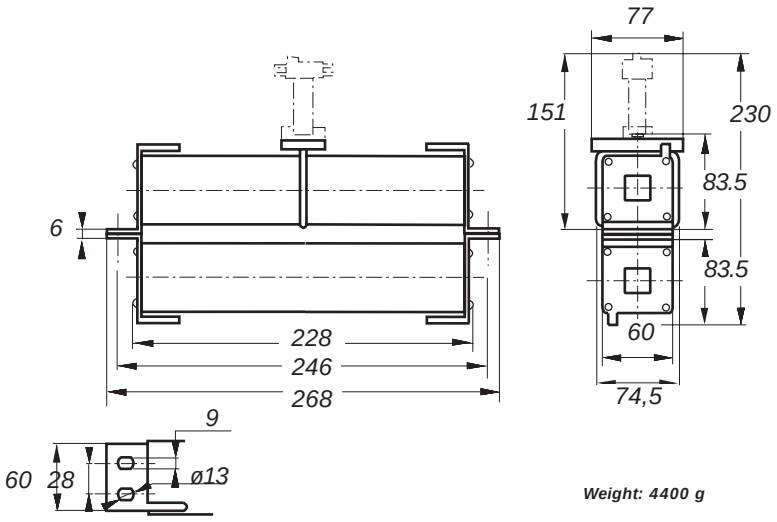


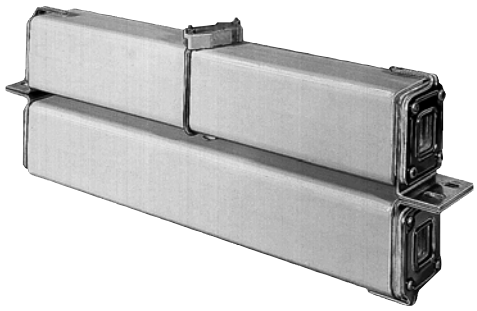
Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

DC Square-body Fuses
Sizes 300 - 302 - 2x302
SR size 2x302 - 2400V DC

SRD - SRF from 400 to 800 A

Dimensions





Weight: 4400 g

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Max. I^2t @ 2000 V L/R = 15 ms (A^2S)	Max. I^2t @ 2000 V L/R = 45 ms (A^2S)	Designation	Ref. Number	Catalog Number
	400	@ 2400 V DC	160	313	155,000	265,000	CC 24 SRD 2302 QF 400	K084925	D2302SD24C400QF
	500	100 kA	189	376	275,000	480,000	CC 24 SRD 2302 QF 500	L084926	D2302SD24C500QF
	630	L/R = 15 ms	197	390	600,000	10^6	CC 24 SRD 2302 QF 630	M084927	D2302SD24C630QF
2x302	700	@ 2000 V DC	200	393	920,000	$1.6\ 10^6$	CC 24 SRD 2302 QF 700	N084928	D2302SD24C700QF
	800	100 kA L/R = 45 ms	205	395	780,000	$1.3\ 10^6$	CC 24 SRF 2302 QF 800	T075296	D2302SF24C800QF

Microswitch MC 2R 3E 1-5N BS Ref. Number: J310025

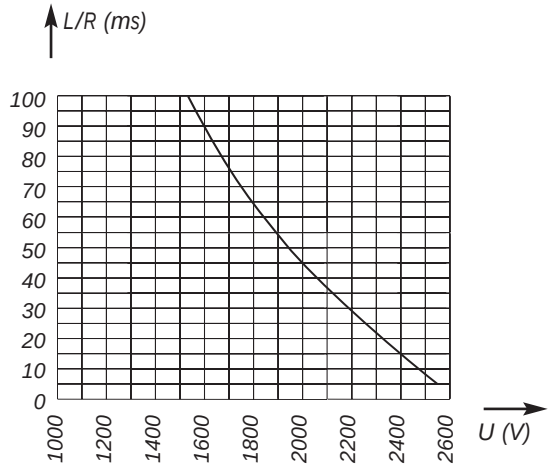
Pack: *1 piece*

DC Square-body Fuses
Sizes 300 - 302 - 2x302
SR size 2x302 - 2400V DC

SRD - SRF from 400 to 800 A

Electrical characteristics

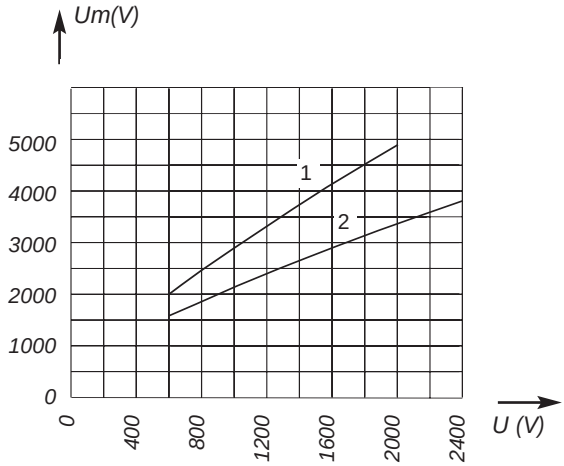
DC applications data



Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):
2000 V with breaking capacity of 80 kA

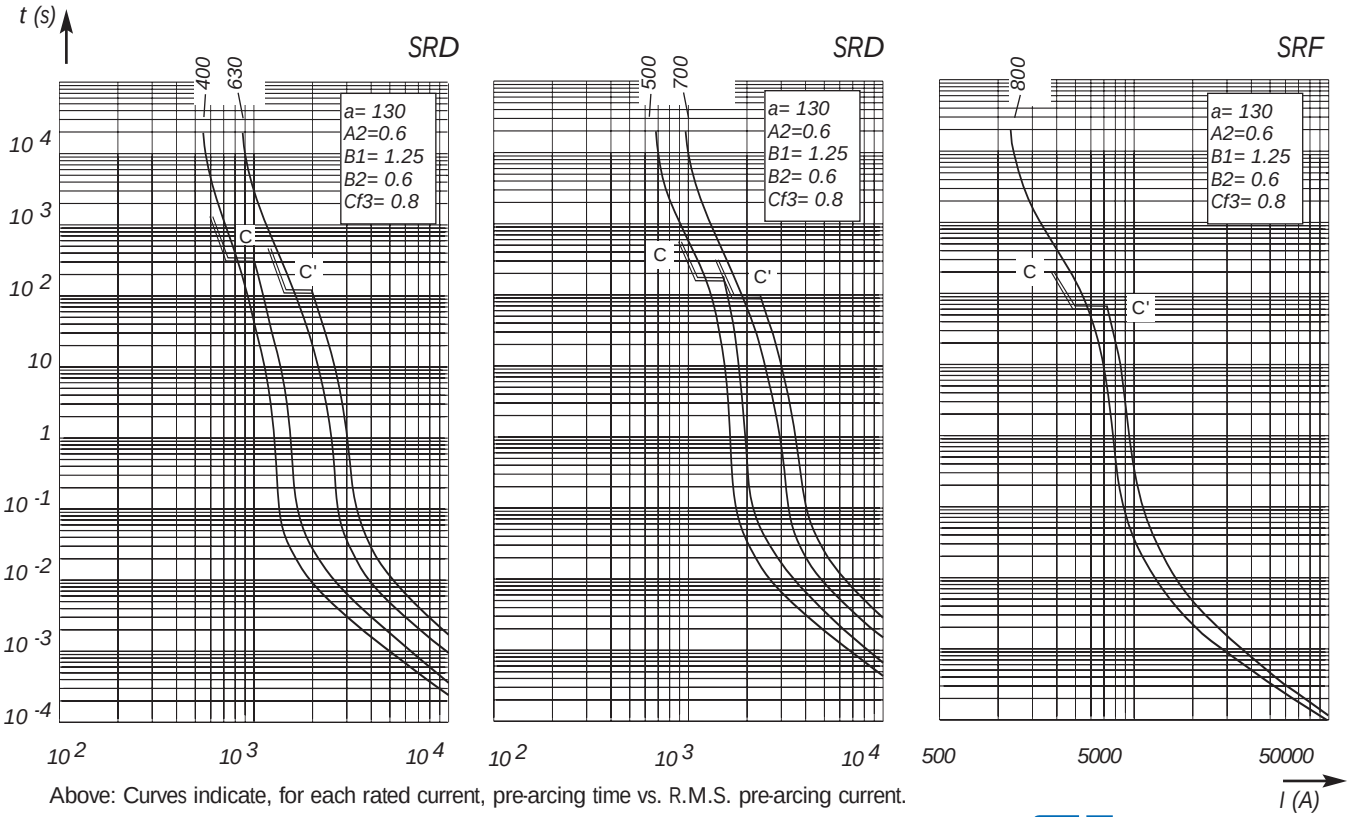
Peak arc voltage vs. working voltage



1 : L/R = 45 ms
2 : L/R = 15 ms

Above: Curves indicate for various time constants L/R the peak arc voltage which may appear across fuse terminals, vs. DC working voltage

Time vs. current characteristics



Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.