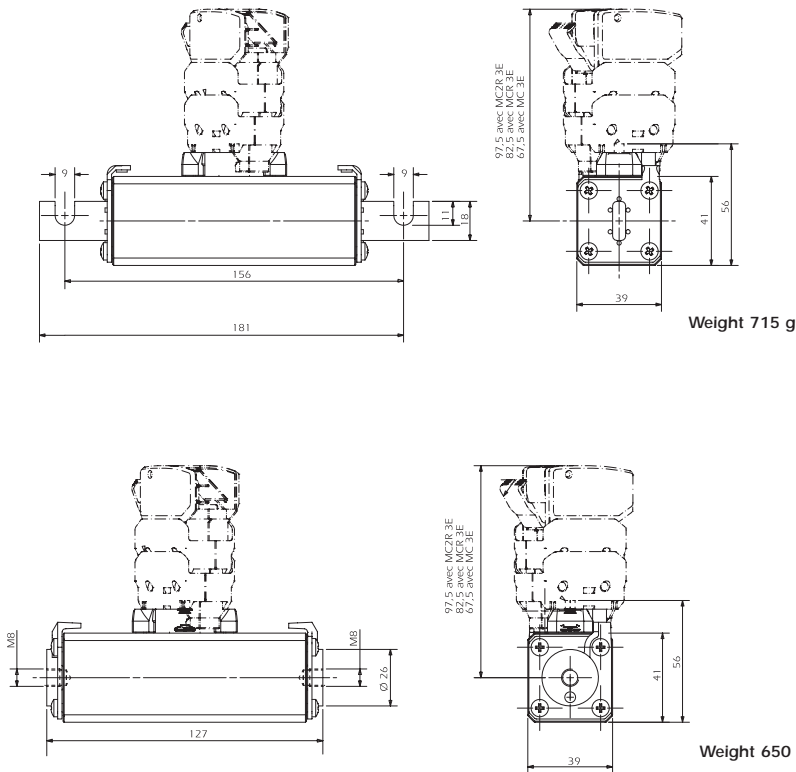


DC Square-body Fuses Sizes 120 to 123 gR 750V DC

Size 120
gRC from 200 to 250 A

Dimensions



Main Characteristics

Size	Current rating I _N (A)	Breaking capacity	Watts loss		Max. I ² t		Designation	Ref. Number	Catalog Number
			0.8 I _N (W)	I _N (W)	@ 900 V = L/R 40 ms IP = 10 I _N (A ² S)	IP = 50 I _N (A ² S)			
120	50	@ 750 V= 100k A L/R = 100 ms	4.4	8.1	42500	8500	CC 7,5 gRC 120 EF 0050	Y084776	D120GC75V50EF
	63		5.7	10.4	75500	15000	CC 7,5 gRC 120 EF 0063	R085207	D120GC75V63EF
	80		7.3	13.4	125000	24500	CC 7,5 gRC 120 EF 0080	Q085206	D120GC75V80EF
	100		9.1	16.7	200000	40000	CC 7,5 gRC 120 EF 0100	P085205	D120GC75V100EF
	125		11.5	21	315000	62500	CC 7,5 gRC 120 EF 0125	R086242	D120GC75V125EF
	160		15	27	485000	100000	CC 7,5 gRC 120 EF 0160	N085204	D120GC75V160EF
	50	@ 900 V= 100k A L/R = 40 ms	4.4	8.1	42500	8500	CC 7,5 gRC 120 TTF 0050	B220824	D120GC75V50TF
	63		5.7	10.4	75500	15000	CC 7,5 gRC 120 TTF 0063	Q082400	D120GC75V63TF
	80		7.3	13.4	125000	24500	CC 7,5 gRC 120 TTF 0080	Z090435	D120GC75V80TF
	100		9.1	16.7	200000	40000	CC 7,5 gRC 120 TTF 0100	R082401	D120GC75V100TF
	125		11.5	21	315000	62500	CC 7,5 gRC 120 TTF 0125	P085251	D120GC75V125TF
	160		15	27	485000	100000	CC 7,5 gRC 120 TTF 0160	R085253	D120GC75V160TF

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

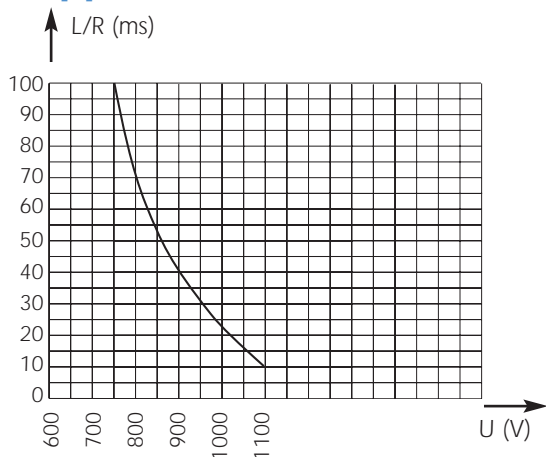
Pack: 1 piece



DC Square-body Fuses Sizes 120 to 123 gR 750V DC

size 120
gRC from 200 to 250 A

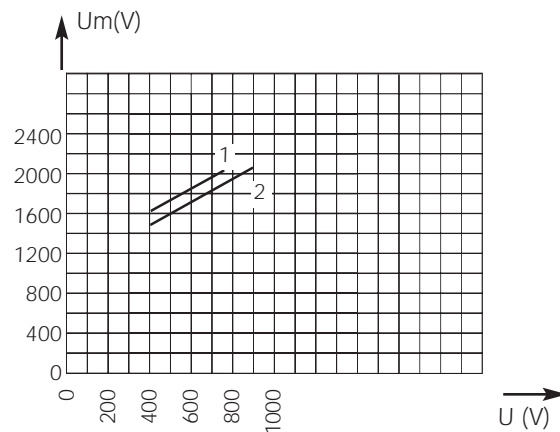
Electrical characteristics DC applications data



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

Max. AC voltage (50/60 Hz):
1250 V with breaking capacity of 170 kA

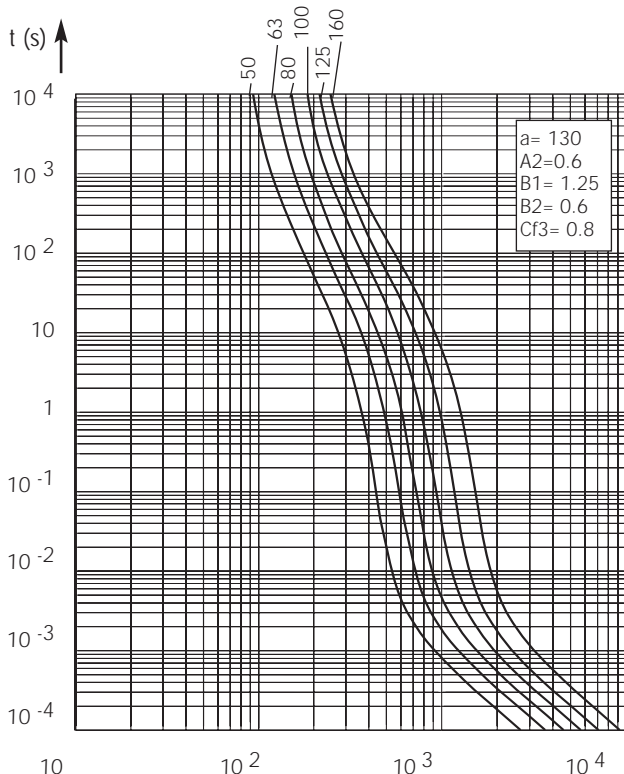
Peak arc voltage vs. working voltage



1 : L/R = 100 ms
2 : L/R = 40 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



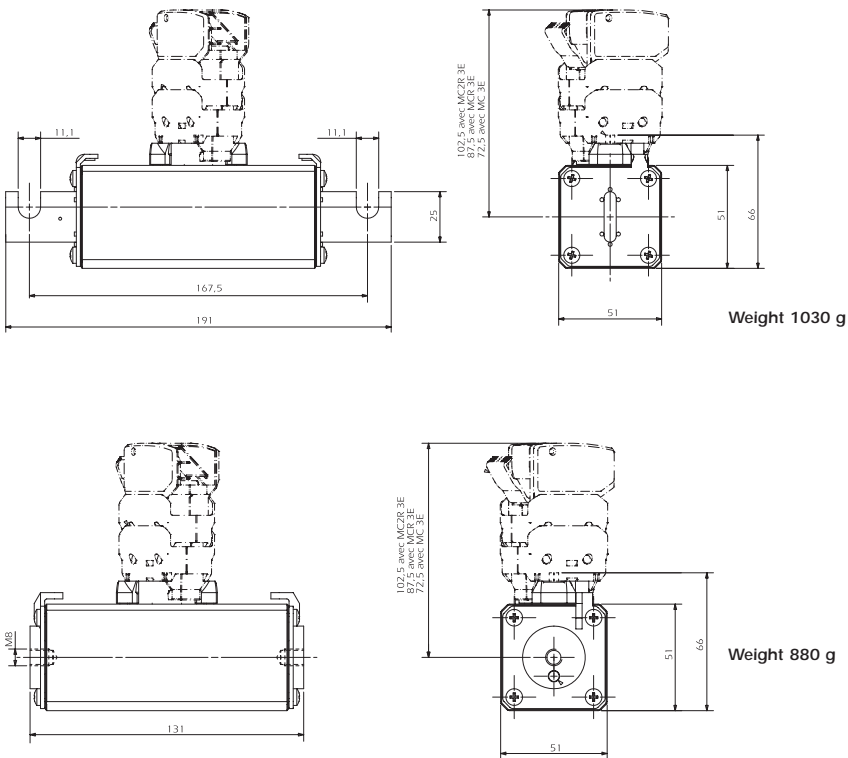
± 7% tolerance for mean pre-arcing current

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

DC Square-body Fuses Sizes 120 to 123 gR 750V DC

Sizes 121
gRC from 200 to 250 A

Dimensions



Main Characteristics

Size	Current rating I_N (A)	Breaking Capacity	Watts loss		Max. I^2t		Designation	Ref. Number	Catalog Number
			$0.8 I_N$ (W)	I_N (W)	@ 900 V = L/R 40 ms $IP = 10 I_N$ (A ² S)	$IP = 50 I_N$ (A ² S)			
121	200	@750 V DC	20.5	37.5	755000	150000	CC 7,5 gRC 121 EF 0200	A086710	D121GC75V200EF
	250	100 kA L/R = 100 ms	25.5	46.7	1250000	250000	CC 7,5 gRC 121 EF 0250	M085203	D121GC75V250EF
	200	@ 900 V DC	20.5	37.5	755000	150000	CC 7,5 gRC 121 TTF 0200	N085250	D121GC75V200TF
	250	100 kA L/R = 40 ms	25.5	46.7	1250000	250000	CC 7,5 gRC 121 TTF 0250	Q085252	D121GC75V250TF

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

Pack: 1 piece

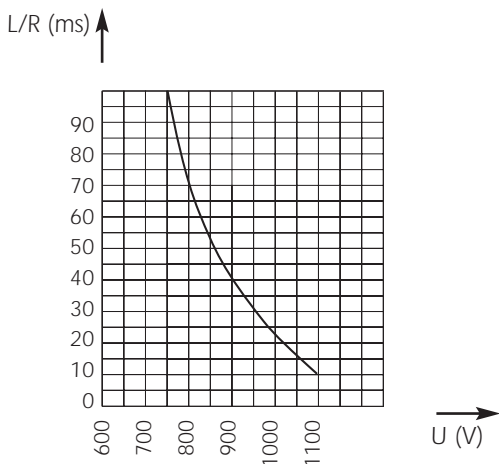


DC Square-body Fuses Sizes 120 to 123 gR 750V DC

Sizes 121
gRC from 200 to 250 A

Electrical characteristics

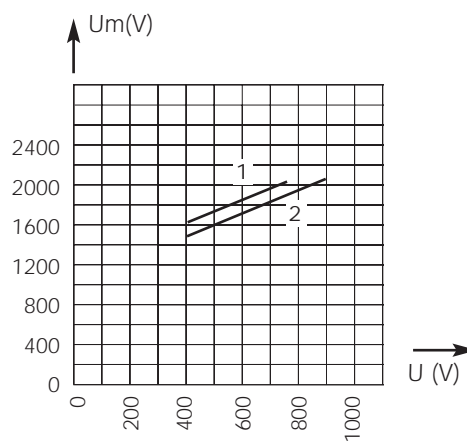
DC applications data



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

Max. AC voltage (50/60 Hz):
1250 V with breaking capacity of 170 kA

Peak arc voltage vs. working voltage

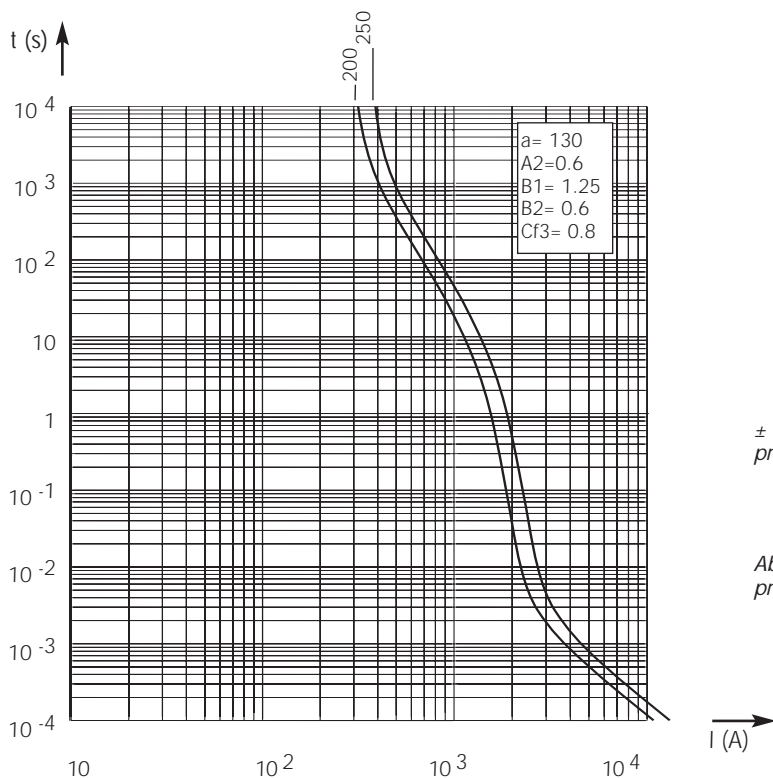


1 : $L/R = 100$ ms

2 : $L/R = 40$ 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



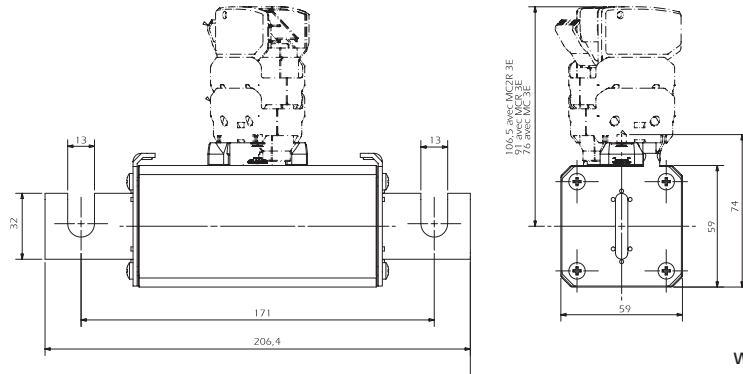
$\pm 7\%$ tolerance for mean pre-arcing current

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

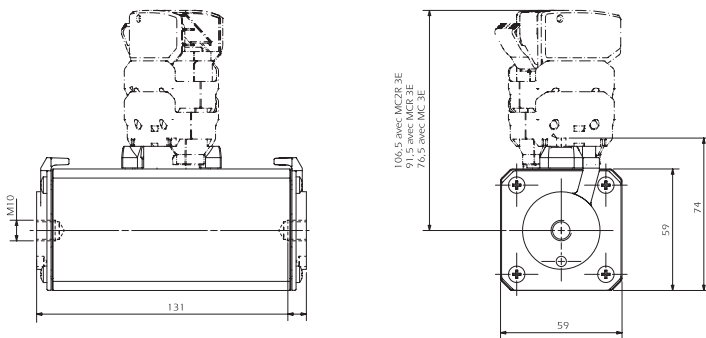
DC Square-body Fuses Sizes 120 to 123 gR 750V DC

Size 122
gRC-gRD from 250 to 500 A

Dimensions



Weight: 1300 g



Weight: 1150 g



Main Characteristics

Size	Current rating I_N (A)	Breaking Capacity	Watts loss		Max. I^2t		Designation	Ref. Number	Catalog Number
			0.8 I_N (W)	I_N (W)	@ 900 V = L/R 40 ms I^2t (A ² S)	P = 50 I_N (A ² S)			
122	250	@750 V DC 100 kA L/R = 100 ms	25.5	46.7	1.25 10 ⁶	250,000	CC 7,5 gRC 122 EF 0250	A087331	D122GC75V250EF
	315		31.5	58	2 10 ⁶	400,000	CC 7,5 gRC 122 EF 0315	B087332	D122GC75V315EF
	350		35	64.5	2.5 10 ⁶	500,000	CC 7,5 gRC 122 EF 0350	W221141	D122GC75V350EF
	400		40.5	74.5	3.1 10 ⁶	600,000	CC 7,5 gRC 122 EF 0400	L089388	D122GC75V400EF
	450		49	90	4 10 ⁶	800,000	CC 7,5 gRD 122 EF 0450	P220951	D122GD75V450EF
	500*		52	95	6.2 10 ⁶ *	1.2 10 ⁶ *	CC 7,5 gRD 122 EF 0500*	Q220952	D122GD75V500EF
	250	@ 900 V DC 100 kA L/R = 40 ms	25.5	46.7	1.25 10 ⁶	250,000	CC 7,5 gRC 122 TTF 0250	B090437	D122GC75V250TF
	315		31.5	58	2 10 ⁶	400,000	CC 7,5 gRC 122 TTF 0315	M085249	D122GC75V315TF
	350		35	64.5	2.5 10 ⁶	500,000	CC 7,5 gRC 122 TTF 0350	G220898	D122GC75V350TF
	400		40.5	74.5	3.1 10 ⁶	600,000	CC 7,5 gRC 122 TTF 0400	C090438	D122GC75V400TF
	450		49	90	4 10 ⁶	800,000	CC 7,5 gRD 122 TTF 0450	R220953	D122GD75V450TF
	500*		52	95	6.2 10 ⁶ *	1.2 10 ⁶ *	CC 7,5 gRD 122 TTF 0500*	S220954	D122GD75V500TF

* Max. I^2t @ 800 V=, L/R=40 ms and Breaking capacity = 100 kA @ 750VDC/50ms

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

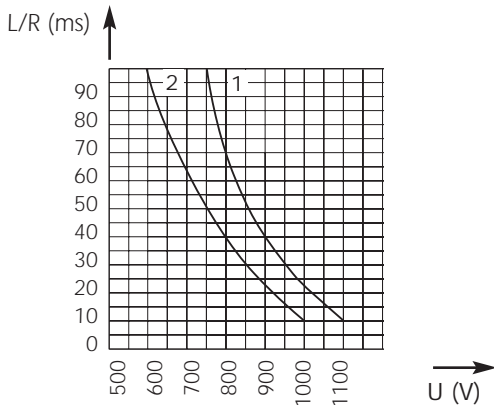
Pack: 1 piece



DC Square-body Fuses Sizes 120 to 123 gR 750V DC

Size 122
gRC-gRD from 250 to 500 A

Electrical characteristics DC applications data

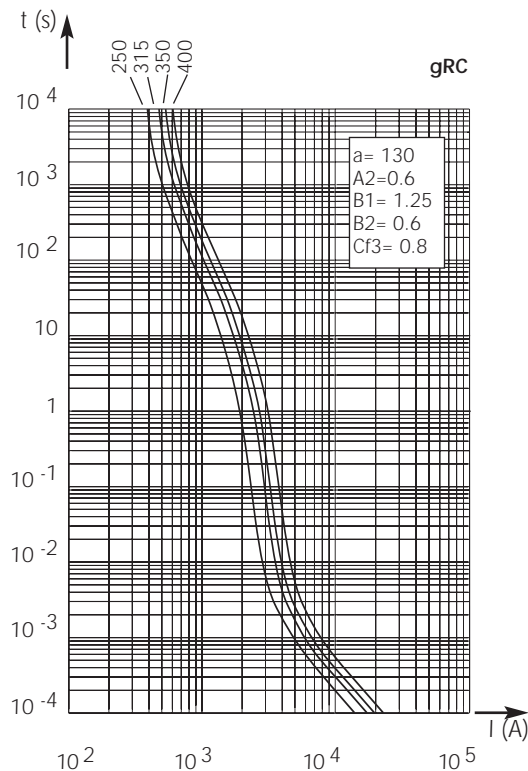


1: curve gRC - gRD 450A
2: curve gRD 500A

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

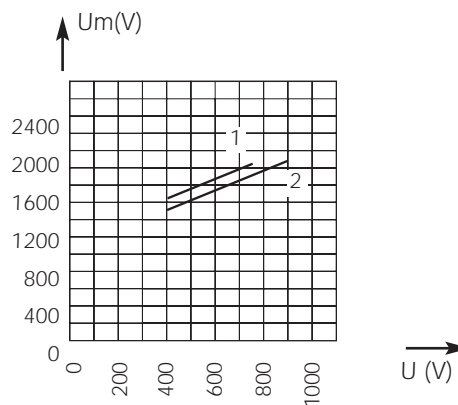
Max. AC voltage (50/60 Hz):
1250 V with breaking capacity of 170 kA

Time vs. current characteristics



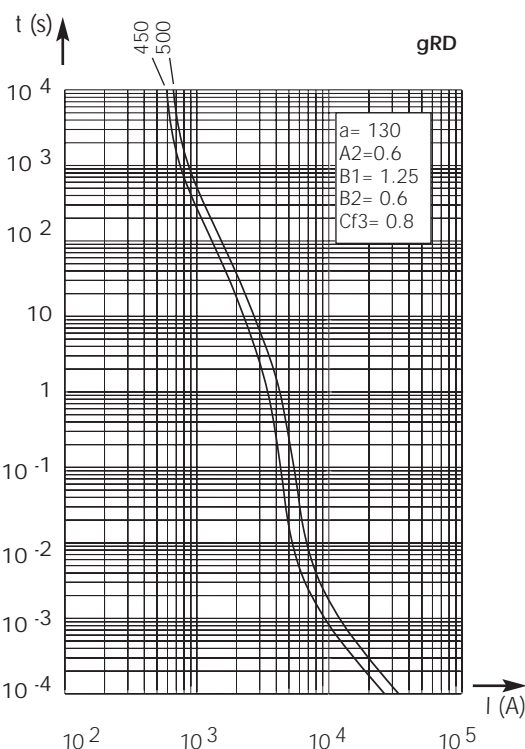
Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

Peak arc voltage vs. working voltage



1: $L/R = 100$ ms
2: $L/R = 40$ ms

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

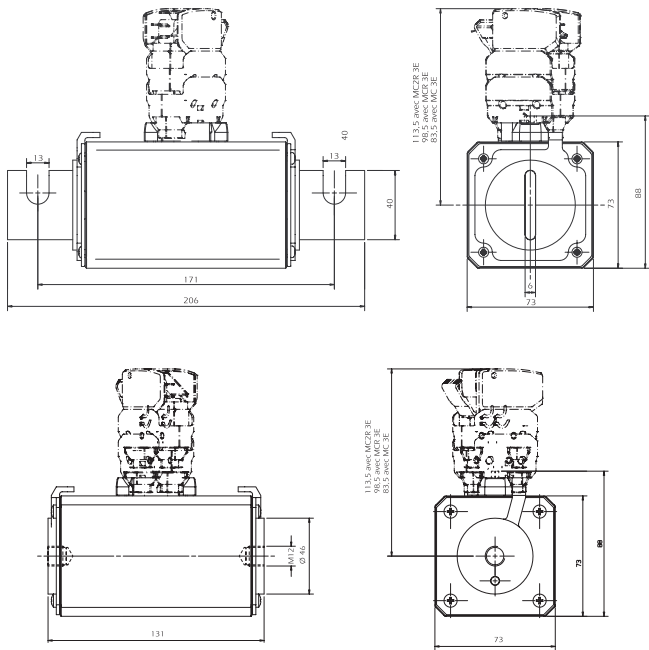


$\pm 7\%$ tolerance for mean pre-arcing current

DC Square-body Fuses Sizes 120 to 123 gR 750V DC

Size 123 gRB-gRC-gRD from 500 to 800 A

Dimensions



Weight: 2100 g



Weight: 1900 g



Main Characteristics

Size	Current rating I_N (A)	Breaking capacity	Watts loss		Max. I^2t		Designation	Ref. Number	Catalog Number	
			0.8 I_N (W)	I_N (W)	@ 900 V = L/R 40 ms $I_p = 10 I_N$ (A ² s)	$I_p = 50 I_N$ (A ² s)				
123	500	@ 750 V DC 100 kA L/R = 100 ms	51	93.5	5 10 ⁶	1 10 ⁶	CC 7,5 gRC 123 EF 0500	M089389	D123GC75V500EF	
		@ 900 V DC 100 kA L/R = 40 ms	51	93.5	5 10 ⁶	1 10 ⁶	CC 7,5 gRC 123 TTF 0500	D090439	D123GC75V500TF	
	630 700 750	@ 750 V DC 100 kA L/R = 50 ms	See max. operating current next page	74 82 82	74 82 82	maximum I^2t (A ² s) @ 800 V = L/R 40 ms $I_p = 10 I_N$ $I_p = 50 I_N$		CC 7,5 gRB 123 EF 0630	B098556	D123GB75V630EF
						10 10 ⁶	2 10 ⁶	CC 7,5 gRB 123 EF 0700	Q078191	D123GB75V700EF
						10 10 ⁶	2 10 ⁶	CC 7,5 gRD 123 EF 0750	F220943	D123GD75V750EF
						7.5 10 ⁶	1.5 10 ⁶	CC 7,5 gRB 123 TTF 0630	C098557	D123GB75V630TF
						10 10 ⁶	2 10 ⁶	CC 7,5 gRB 123 TTF 0700	F090441	D123GB75V700TF
						10 10 ⁶	2 10 ⁶	CC 7,5 gRD 123 TTF 0750	H220945	D123GB75V750TF
	800	@ 660 V DC 100 kA L/R = 50 ms	See max. operating current next page	90 90	90 90	maximum I^2t (A ² s) @ 660 V = L/R 30 ms $I_p = 10 I_N$ $I_p = 50 I_N$		CC 6.6 gRB 123 EF 0800	G220944	D123GB66V800EF
						12.15 10 ⁶	2.6 10 ⁶	CC 6.6 gRB 123 TTF 0800	J220946	D123GB66V800TF

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

Pack: 1 piece



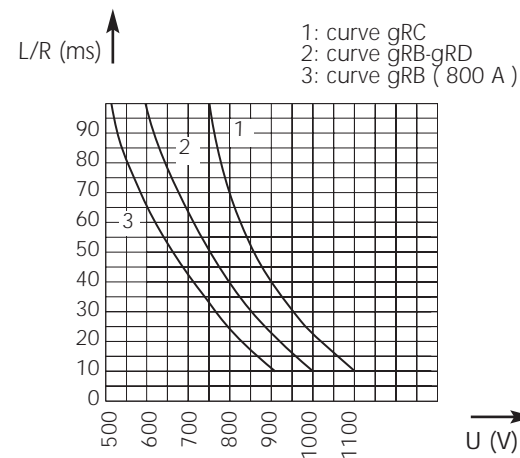
DC Square-body Fuses Sizes 120 to 123 gR 750V DC



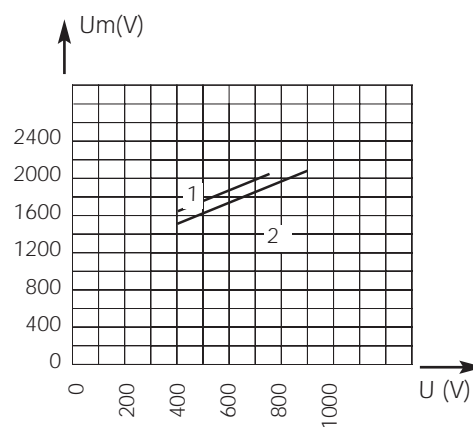
Size 123
gRB-gRC-gRD from 500 to 800 A

Electrical characteristics

DC applications data



Peak arc voltage vs. working voltage



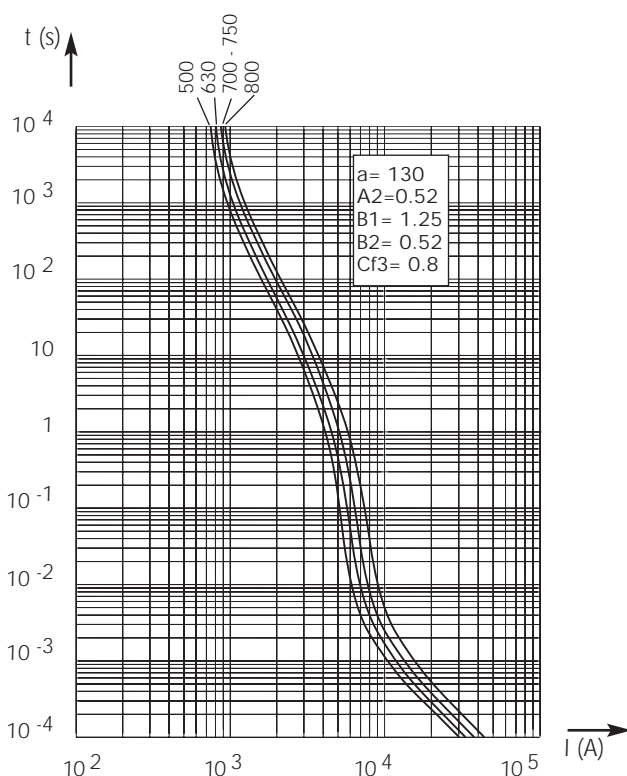
Above: Curves indicate maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):
1250 V with breaking capacity of 170 kA

1: L/R = 100 ms
2: L/R = 40 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



Current rating (A)	630	550	Maximum operating current (A)
	700	600	
	750	600	
	800	650	

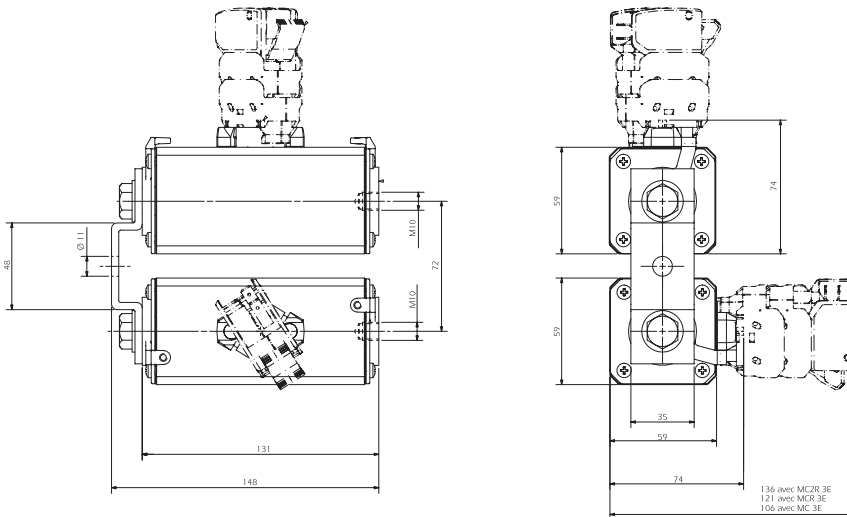
± 7% tolerance for mean pre-arcing current

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

DC Square-body Fuses Sizes 2x122 - 2x123 gR 750V DC

Size 2x122
gRC - gRD from 500 to 900 A

Dimensions



Weight: 2825 g

Main Characteristics

Size	Current rating I_N (A)	Breaking Capacity	Watts loss		Max. I^2t		Designation	Ref. Number	Catalog Number
			$0.8 I_N$ (W)	I_N (W)	@ 900 V = L/R 40 ms $I_P = 10 I_N$ (A ² S)	P = 50 I_N (A ² S)			
2x122	500	@ 900V DC 100 kA L/R = 40 ms	51	94	5 10 ⁶	1 10 ⁶	CC 7,5 gRC 2122 TTF 0500	Q 090473	D2122GC75V500TF
	630		63	116	8 10 ⁶	1.6 10 ⁶	CC 7,5 gRC 2122 TTF 0630	R 090474	D2122GC75V630TF
	800		81	149	12.4 10 ⁶	2.4 10 ⁶	CC 7,5 gRC 2122 TTF 0800	S 090475	D2122GC75V800TF
	900		98	180	16 10 ⁶	3.2 10 ⁶	CC 7,5 gRD 2122 TTF 0900	T 220955	D2122GD75V900TF
	1000*	@ 750 V DC 100 kA L/R = 100 ms	104	190	25 10 ⁶ *	4.8 10 ⁶ *	CC 7,5 gRD 2122 TTF 1000*	V 220956	D2122GD75V10CTF

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

* Max I^2t @ 800V = 750 VDC 100 kA L/R = 50 ms and breaking capacity @750 VDC 100 kA L/R = 50 ms

Pack: 1 piece

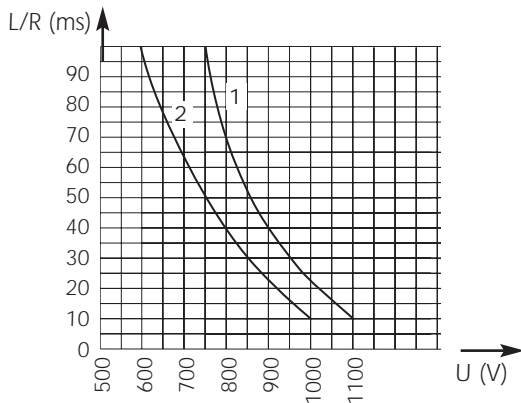


DC Square-body Fuses Sizes 2x122 - 2x123 gR 750V DC

Size 2x122

gRC - gRD from 500 to 900 A

Electrical characteristics DC applications data

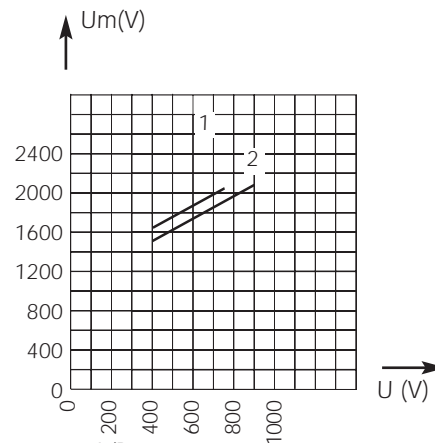


1 : curve gRC - gRD 900
2 : curve gRD 1000

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

Max. AC voltage (50/60 Hz):
1250 V with breaking capacity of 170 kA

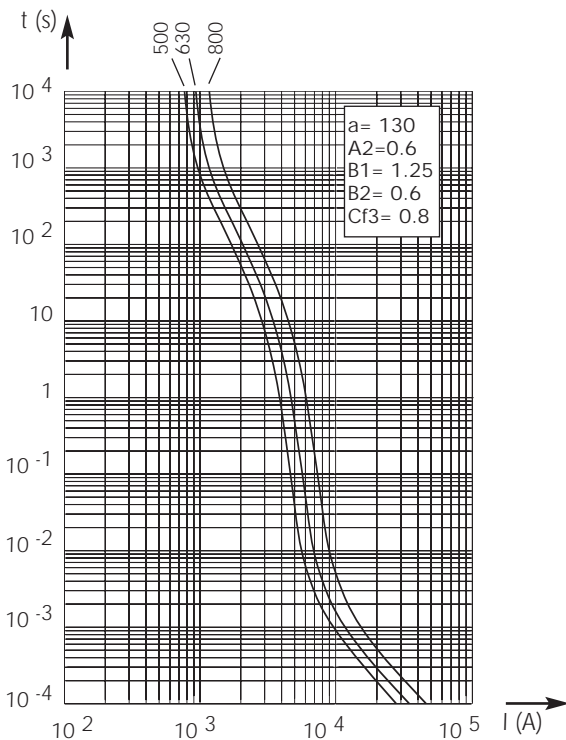
Peak arc voltage vs. working voltage



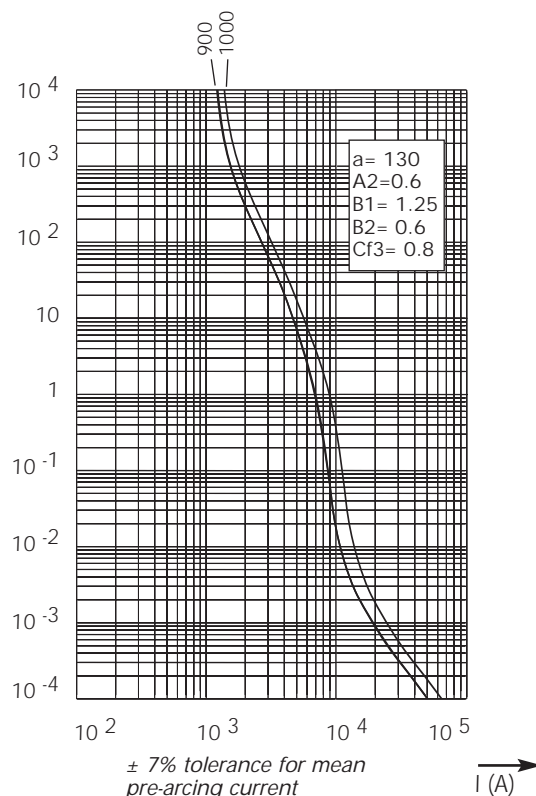
1 : $L/R = 100$ ms
2 : $L/R = 40$ ms

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



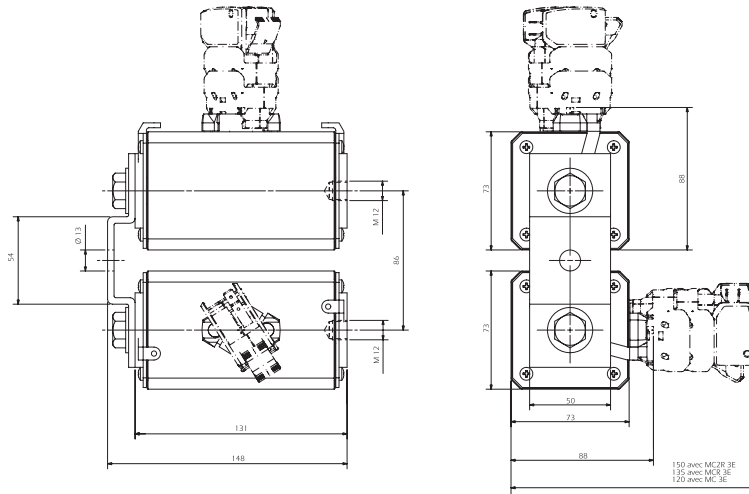
Above, left and right: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.



DC Square-body Fuses Sizes 2x122 - 2x123 gR 750V DC

Size 2x123
gRC-gRB-gRD from 1000 to 1600 A

Dimensions



Weight: 4190 g

Main Characteristics

Size	Current rating I_N (A)	Breaking Capacity	Watts loss		Max. I^2t @ 900 V = L/R 40 ms $I_p = 10 I_N$ $I_p = 50 I_N$ (A ² S)		Designation	Ref. Number	Catalog Number
			0.8 I_N (W)	I_N (W)					
2x123	1000	@ 750 V DC 100 kA L/R = 100 ms @ 900 V DC 100 kA L/R = 40 ms	102	187	20 10 ⁶	4 10 ⁶	CC 7,5 gRC 2123 TTF 1000	Z 090481	D2123GC75V10CTF
					maximum I^2t (A ² s) @ 800 V = L/R 40 ms $I_p = 10 I_N$ $I_p = 50 I_N$				
	1250	@ 750 V DC 100 kA	148		30 10 ⁶	6 10 ⁶	CC 7,5 gRB 2123 TTF 1250	D 098558	D2123GB75V12CTF
	1400	100 kA	164		40 10 ⁶	8 10 ⁶	CC 7,5 gRB 2123 TTF 1400	B 090483	D2122GB75V14CTF
	1500	L/R = 50 ms	164		40 10 ⁶	8 10 ⁶	CC 7,5 gRD 2123 TTF 1500	K 220947	D123GD75V1500TF
			74	See max. operating current next page	maximum I^2t (A ² s) @ 660 V = L/R 30 ms $I_p = 10 I_N$ $I_p = 50 I_N$				
			82						
			82						
	1600	@ 660 V DC 100 kA L/R = 50 ms	180		48.6 10 ⁶	10.10 ⁶	CC 6.6 gRB 2123 TTF 1600	L 220948	D123GB66V1600TF

Microswitch: MC 3E 2-5N Reference Number: D310020

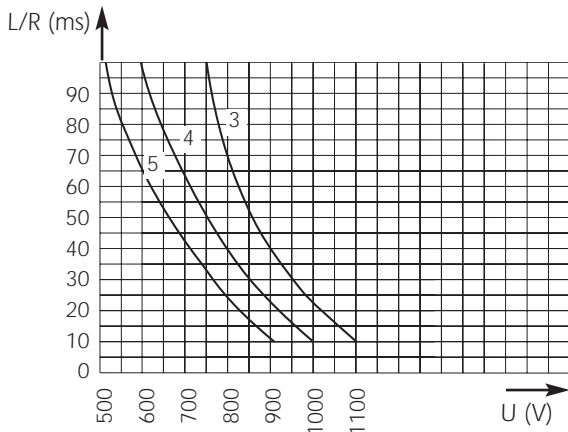
Pack: 1 piece



DC Square-body Fuses Sizes 2x122 - 2x123 gR 750V DC

Size 2x123
gRC-gRB-gRD from 1000 to 1600 A

Electrical characteristics DC applications data

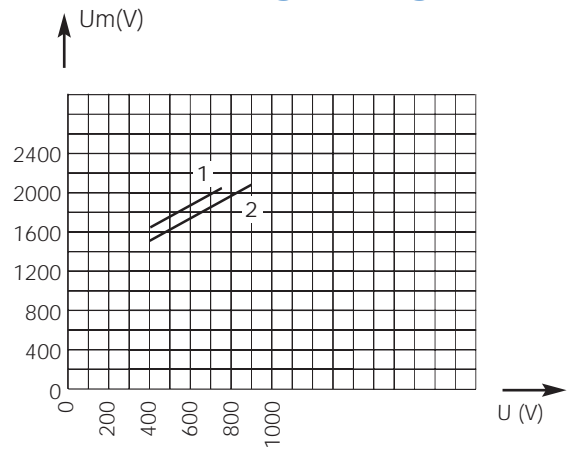


3: curve gRC
4: curve gRD
5: curve gRB 1600 A

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

Max. AC voltage (50/60 Hz):
1250 V with breaking capacity of 170 kA

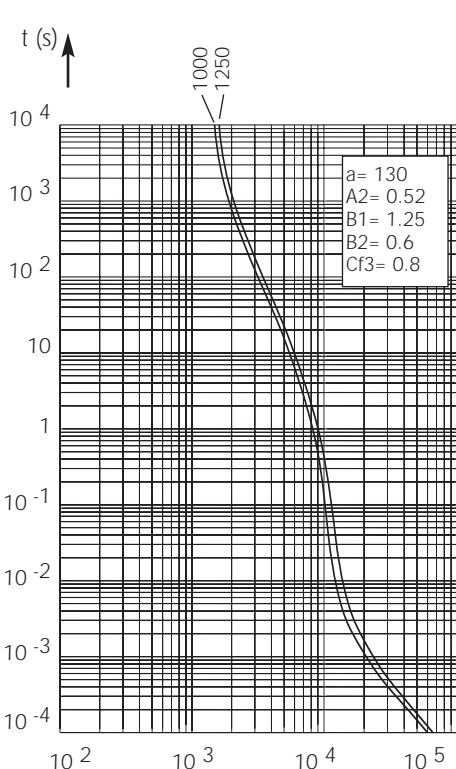
Peak arc voltage vs. working voltage



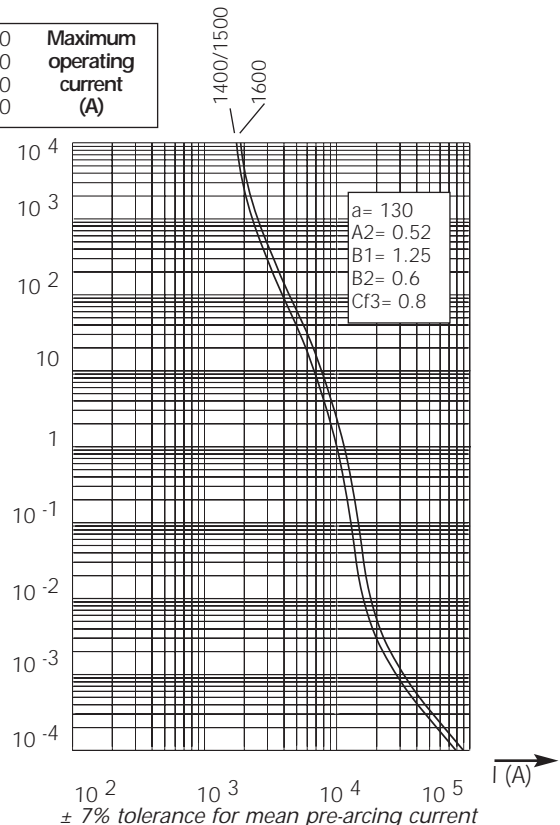
1: L/R = 100 ms
2: L/R = 40 ms

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



Current rating (A)	1250	1100	Maximum operating current (A)
	1400	1200	
	1500	1200	
	1600	1300	



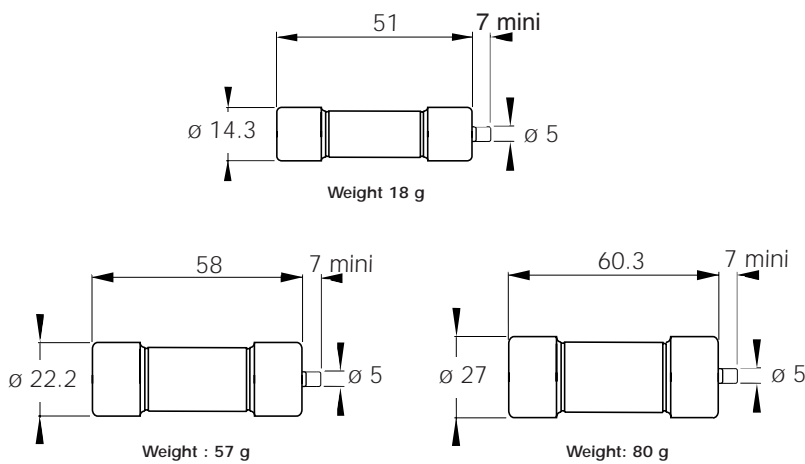
Above, left and right: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

± 7% tolerance for mean pre-arcing current

DC Ferrule Fuses 14x51, 22x58, 27x60 gLB 440V DC

gLB from 2 to 160 A

Dimensions



Trip force: 4.5N at 0 mm - 2.5N at 7mm

Main Characteristics

Size	Current rating I_N (A)	Breaking Capacity	Watts loss		Designation	Reference Number	Catalog Number
			0.8 I_N (W)	I_N (W)			
14x51	2	@ 440 V DC 100 kA L/R = 30 ms	0.29	0.5	CC 4.421 CP gLB 14x51/2	E075720	FD14GB44V2T
	6		0.74	1.3	CC 4.421 CP gLB 14x51/6	Q094084	FD14GB44V6T
	8		1.1	1.8	CC 4.421 CP gLB 14x51/8	F075721	FD14GB44V8T
	10		1.1	1.9	CC 4.421 CP gLB 14x51/10	G075722	FD14GB44V10T
	12		1.2	2.0	CC 4.421 CP gLB 14x51/12	R094085	FD14GB44V12T
	16		1.2	2.1	CC 4.421 CP gLB 14x51/16	H075723	FD14GB44V16T
	20		1.4	2.5	CC 4.421 CP gLB 14x51/20	L221132	FD14GB44V20T
	25		1.6	2.8	CC 4.421 CP gLB 14x51/25	J075724	FD14GB44V25T
	32		2.4	4.2	CC 4.421 CP gLB 14x51/32	S098410	FD14GB44V32T
	40		2.9	5.0	CC 4.421 CP gLB 14x51/40	T098687	FD14GB44V40T
22x58	50	@ 440 V DC 100 kA L/R = 30 ms	3.3	5.7	CC 4.421 CP gLB 14x51/50	H076620	FD14GB44V50T
	50		3.9	6.7	CC 4.421 CP gLB 22x58/50	L076968	FD22GB44V50T
	63		4.9	8.5	CC 4.421 CP gLB 22x58/63	M221133	FD22GB44V63T
	80		6.2	10.8	CC 4.421 CP gLB 22x58/80	J098563	FD22GB44V80T
	100		7.5	13.2	CC 4.421 CP gLB 22x58/100	K099507	FD22GB44V100T
27x60	125	@ 440 V DC 100 kA L/R = 30 ms	12.6	22	CC 4.421 CP gLB 27x60/125	H098562	FD27GB44V125T
	160		13.8	24.2	CC 4.421 CP gLB 27x60/160	M075704	FD27GB44V160T

Minimum trip indicator operating voltage: 20 V

See Fuse Blocks, Fuse Holders and Fuse clips

Pack: 10 pieces



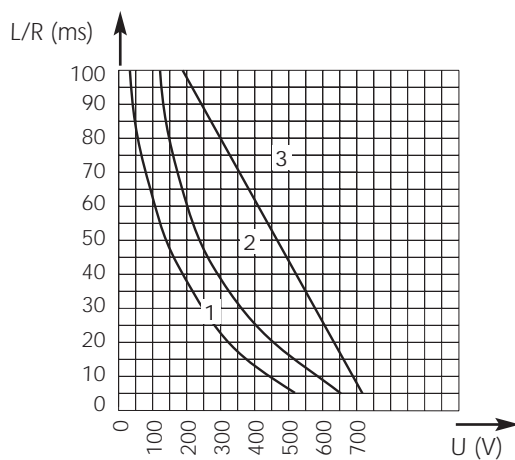
DC Ferrule Fuses 14x51, 22x58, 27x60 gLB 440V DC



gLB from 2 to 160 A

Electrical characteristics

DC applications data

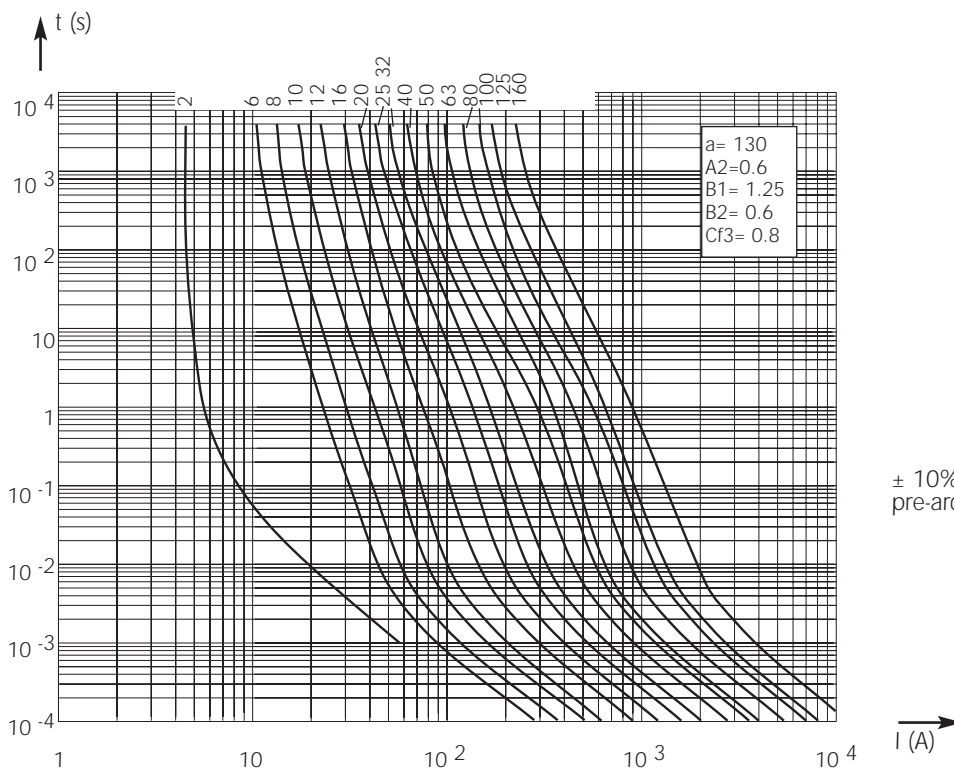


Left: Curves indicate maximum permissible value of time constant L/R as a function of DC working voltage

- 1- Size 14x51
- 2- Size 22x58
- 3- Size 27x60

Max. AC voltage (50/60 Hz): 500 V with breaking capacity of 100 kA

Time vs. current characteristics



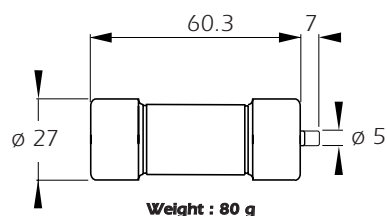
± 10% tolerance for mean pre-arcing current

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

DC Ferrule Fuses 27x60 gRB 660V DC

gRB from 0.8 to 110 A

Dimensions



Trip force: 4.5N at 0 mm - 2.5N at 7 mm



Main Characteristics

Size	Current rating I_N (A)	Breaking Capacity	Watts loss		Designation	Reference Number	Catalog Number
			0.8 I_N (W)	I_N (W)			
27x60	0.8	@ 660 V DC 50 kA L/R = 15 ms	0.25	0.4	CC 6.621 CP gRB 27x60/0.8	H098585	FD27GRB66V0,8T
	1		0.25	0.4	CC 6.621 CP gRB 27x60/1	J098586	FD27GRB66V1T
	1.5		0.35	0.6	CC 6.621 CP gRB 27x60/1.5	K098587	FD27GRB66V1,5T
	2		0.4	0.7	CC 6.621 CP gRB 27x60/2	P098591	FD27GRB66V2T
	3.15		0.6	1	CC 6.621 CP gRB 27x60/3.15	Q098592	FD27GRB66V3,15T
	4		0.6	1	CC 6.621 CP gRB 27x60/4	R098593	FD27GRB66V4T
	5		0.7	1.1	CC 6.621 CP gRB 27x60/5	T098595	FD27GRB66V5T
	6.3		0.8	1.3	CC 6.621 CP gRB 27x60/6.3	Z098600	FD27GRB66V6,3T
	8		1.2	2	CC 6.621 CP gRB 27x60/8	L076301	FD27GRB66V8T
	10		1.3	2.3	CC 6.621 CP gRB 27x60/10	M076302	FD27GRB66V10T
	12		1.4	2.4	CC 6.621 CP gRB 27x60/12	L075703	FD27GRB66V12T
	16		1.9	3.3	CC 6.621 CP gRB 27x60/16	N076303	FD27GRB66V16T
	20		2.4	4.1	CC 6.621 CP gRB 27x60/20	C077006	FD27GRB66V20T
	25		2.8	4.7	CC 6.621 CP gRB 27x60/25	M075635	FD27GRB66V25T
	32		3.5	6	CC 6.621 CP gRB 27x60/32	P076304	FD27GRB66V32T
	40		4.7	8	CC 6.621 CP gRB 27x60/40	Q076305	FD27GRB66V40T
50	4.8	8.3	CC 6.621 CP gRB 27x60/50	R076306	FD27GRB66V50T		
63	5.6	9.6	CC 6.621 CP gRB 27x60/63	P079961	FD27GRB66V63T		
80	6.4	11.2	CC 6.621 CP gRB 27x60/80	S079964	FD27GRB66V80T		
100	7.4	12.9	CC 6.621 CP gRB 27x60/100	T099400	FD27GRB66V100T		
110	7.7	13.7	CC 6.621 CP gRB 27x60/110	S076307	FD27GRB66V110T		

Minimum trip indicator operating voltage: 20 V

See Fuse Blocks, Fuse Holders and Fuse clips

Pack: 3 and 10 pieces

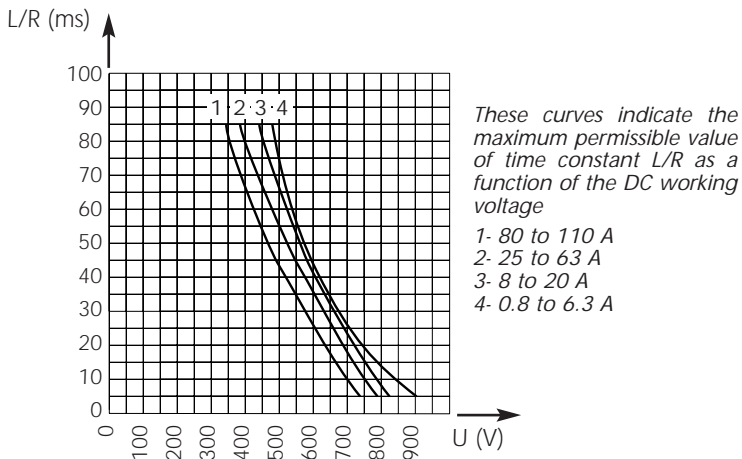


DC Ferrule Fuses 27x60 gRB 660V DC



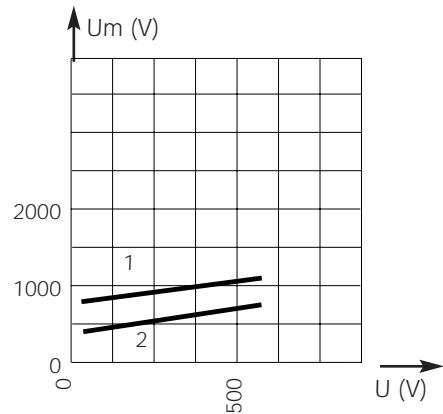
gRB from 0.8 to 110 A

Electrical characteristics DC applications data



Max. AC voltage (50/60 Hz):
660 V with 50 kA breaking capacity for $I_N \leq 6.3A$
660 V with 200 kA breaking capacity for $I_N > 6.3A$

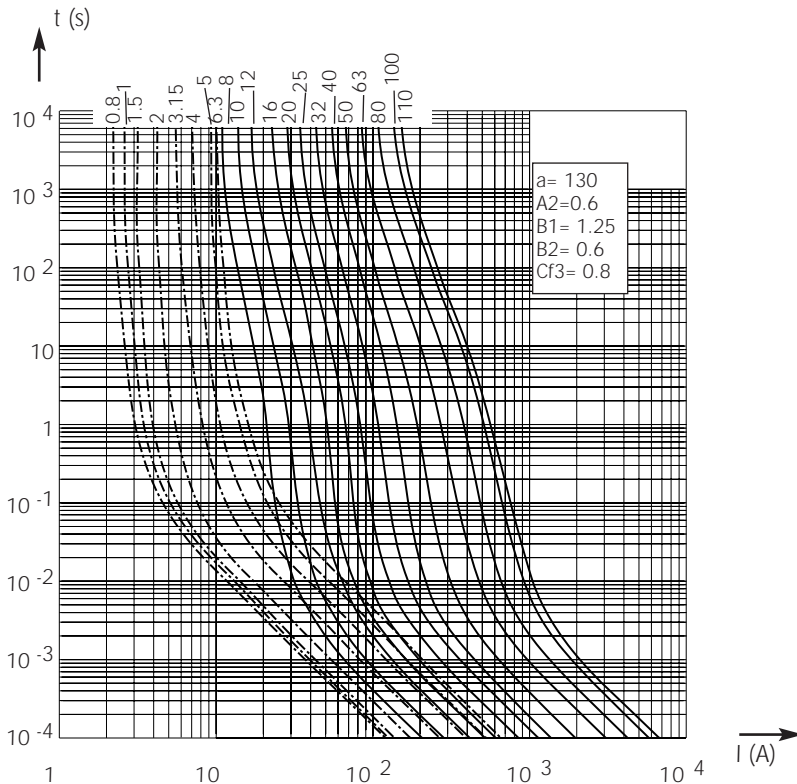
Peak arc voltage vs. working voltage



1- L/R = 60 ms
2- L/R = 30 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



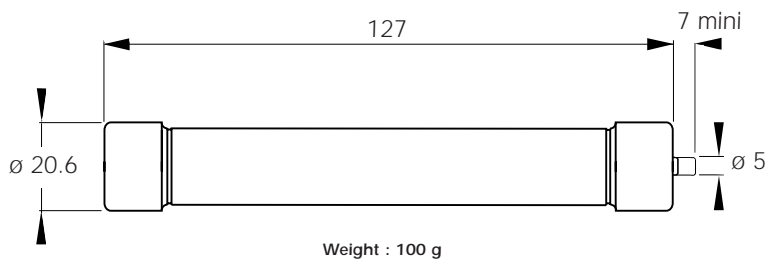
± 10% tolerance for mean pre-arcing current

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

DC Ferrule Fuses 20x127 gR 1000V DC

gRB-gRC from 6 to 63A

Dimensions



Trip force: 4.5N at 0 mm - 2.5N at 7 mm



Main Characteristics

Size	Current rating I_N (A)	Breaking Capacity	Watts loss		Designation	Reference Number	Catalog Number
			0.8 I_N (W)	I_N (W)			
20x127	6	@ 1000 V DC 100 kA L/R = 20 ms	2.0	3.5	CC 1051 CP gRB 20x127/6 D 100 gRB 006 VI	Z088020	FD20GB100V6T
	8		2.2	3.8	CC 1051 CP gRB 20x127/8 D 100 gRB 008 VI	T088774	FD20GB100V8T
	10		2.4	4.2	CC 1051 CP gRB 20x127/10 D 100 gRB 010 VI	A089493	FD20GB100V10T
	12		3.0	5.3	CC 1051 CP gRB 20x127/12 D 100 gRB 012 VI	B089494	FD20GB100V12T
	16		3.7	6.6	CC 1051 CP gRB 20x127/16 D 100 gRB 016 VI	C089495	FD20GB100V16T
	20		4.4	7.7	CC 1051 CP gRB 20x127/20 D 100 gRB 020 VI	D089496	FD20GB100V20T
	25		5.1	9	CC 1051 CP gRB 20x127/25 D 100 gRB 025 VI	E089497	FD20GB100V25T
	32		6.0	10.5	CC 1051 CP gRB 20x127/32 D 100 gRB 032 VI	F089498	FD20GB100V32T
	40		7.3	13.2	CC 1051 CP gRC 20x127/40 D 100 gRC 040 VI	S086795	FD20GC100V40T
	50		8.5	15.5	CC 1051 CP gRC 20x127/50 D 100 gRC 050 VI	F086186	FD20GC100V50T
	63*		9.6	17.4	CC 1051 CP gRC 20x127/63* D 100 gRC 063 VI*	F083656*	FD20GC100V63T

Minimum trip indicator operating voltage: 50 V

* Use R.M.S. current less than 56 A when mounting in Fuse-disconnector
See Fuse Blocks, Fuse Holders and Fuse clips

Pack: 3 and 10 pieces



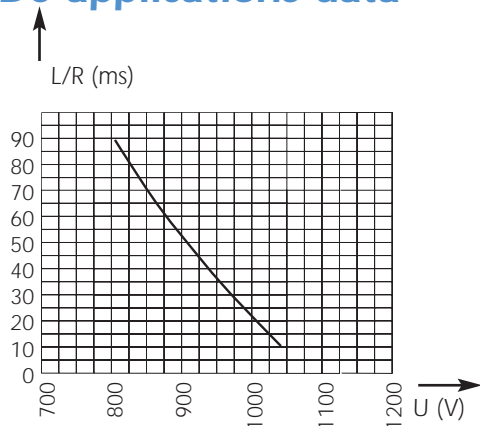
DC Ferrule Fuses 20x127 gR 1000V DC



gRB-gRC from 6 to 63A

Electrical characteristics

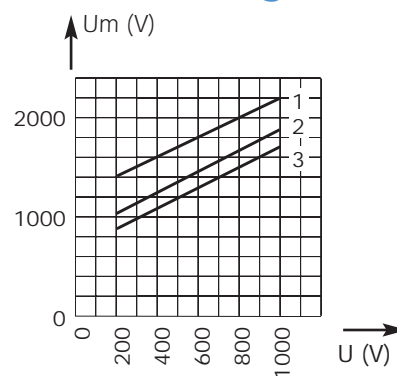
DC applications data



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

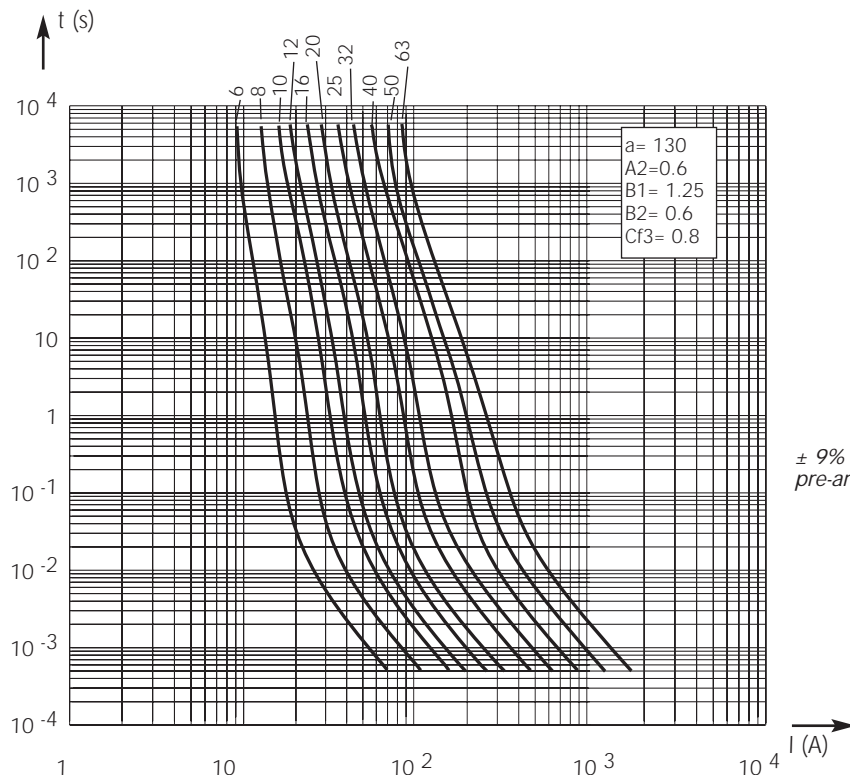
Peak arc voltage vs. working voltage



- 1- $L/R = 50$ ms
- 2- $L/R = 25$ ms
- 3- $L/R = 15$ 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



$\pm 9\%$ tolerance for mean pre-arcing current

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