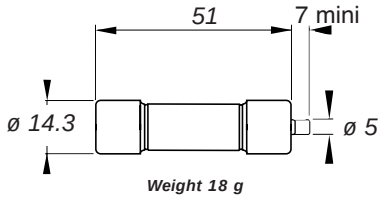
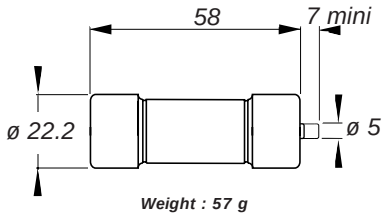
DC Ferrule Fuses
14x51, 22x58, 27x60
gLB 440V DC

gLB from 2 to 160 A

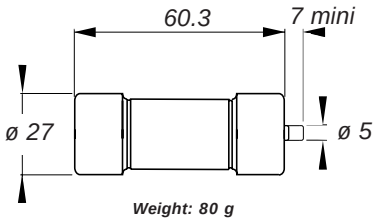
Dimensions



Weight 18 g



Weight : 57 g



Weight: 80 g

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

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Designation	Reference Number	Catalog Number
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
	50		3.3	5.7	CC 4.421 CP gLB 14x51/50	H076620	FD14GB44V50T
22x58	50	@ 440 V DC 100 kA L/R = 30 ms	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

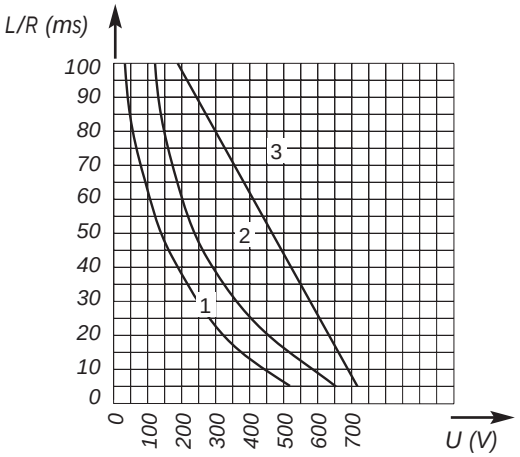
Pack: *10 pieces*

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

gLB from 2 to 160 A

Electrical characteristics

DC applications data

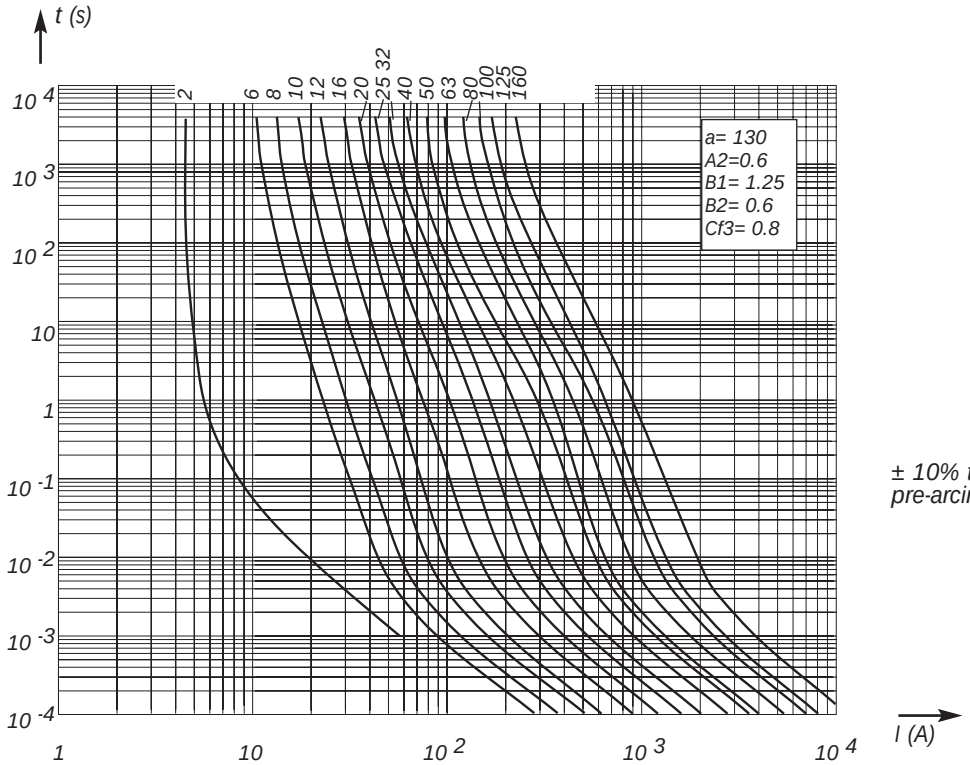


Left: Curves indicate maximum permissible value of time constant L/R as a function of DC working voltage

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



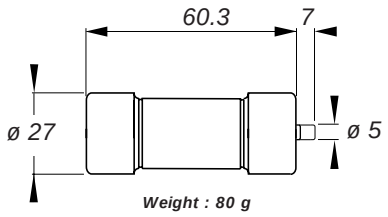
± 10% tolerance for mean pre-arcing current

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 0.8 I_N (W)	Watts loss I_N (W)	Designation	Reference Number	Catalog Number
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

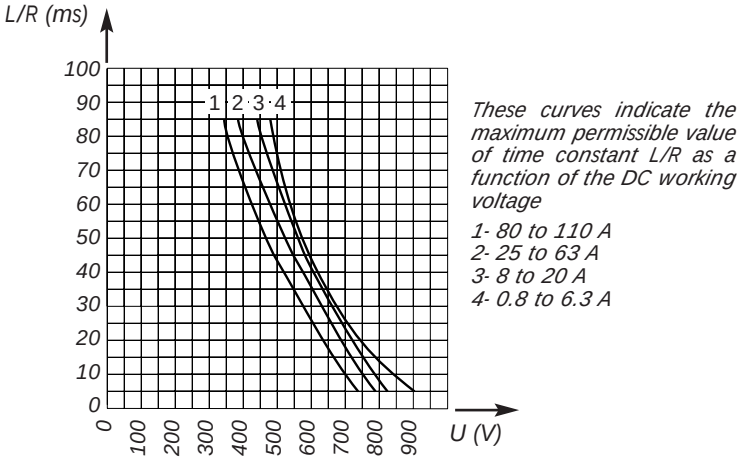
See Fuse Blocks, Fuse Holders and Fuse clips

Pack: *3 and 10 pieces*

DC Ferrule Fuses
27x60
gRB 660V DC

gRB from 0.8 to 110 A

Electrical characteristics
DC applications data

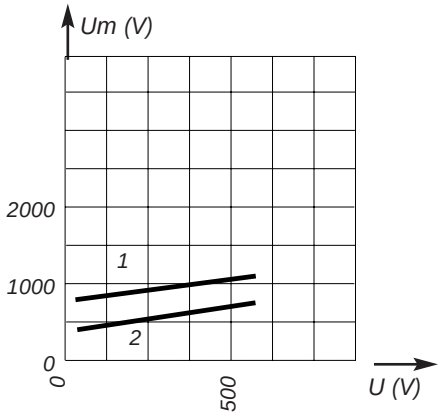


These curves indicate the maximum permissible value of time constant L/R as a function of the DC working voltage

1- 80 to 110 A
2- 25 to 63 A
3- 8 to 20 A
4- 0.8 to 6.3 A

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 $I_N > 6.3A$

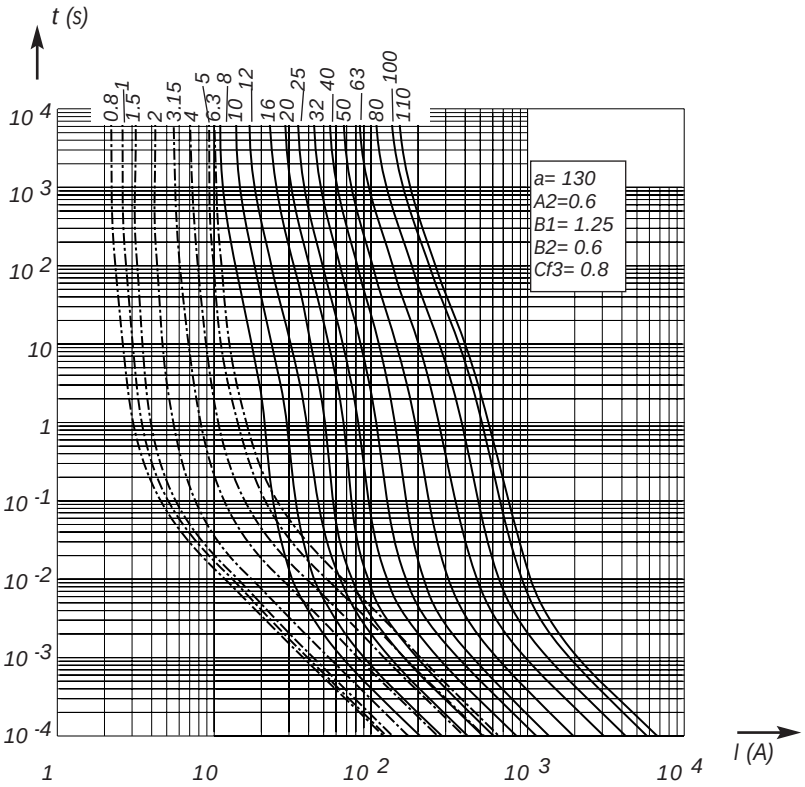
Peak arc voltage
vs. working voltage



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



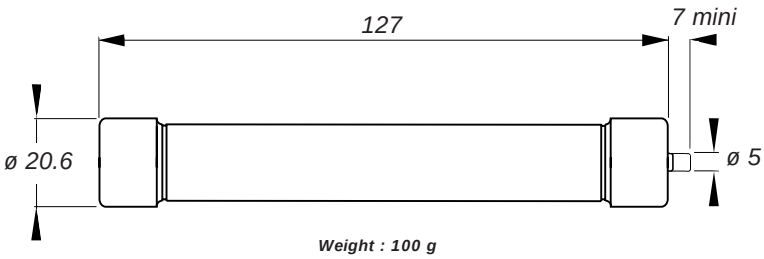
± 10% tolerance for mean pre-arcing current

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



Weight : 100 g

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

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Designation	Reference Number	Catalog Number
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

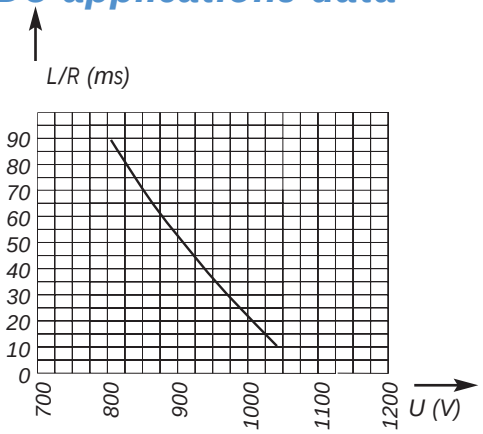
Pack: *3 and 10 pieces*

DC Ferrule Fuses
20x127
gR 1000V DC

gRB-gRC from 6 to 63A

Electrical characteristics

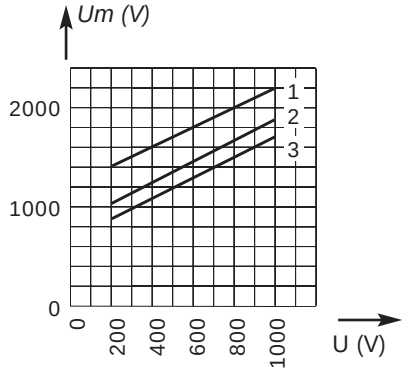
DC applications data



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

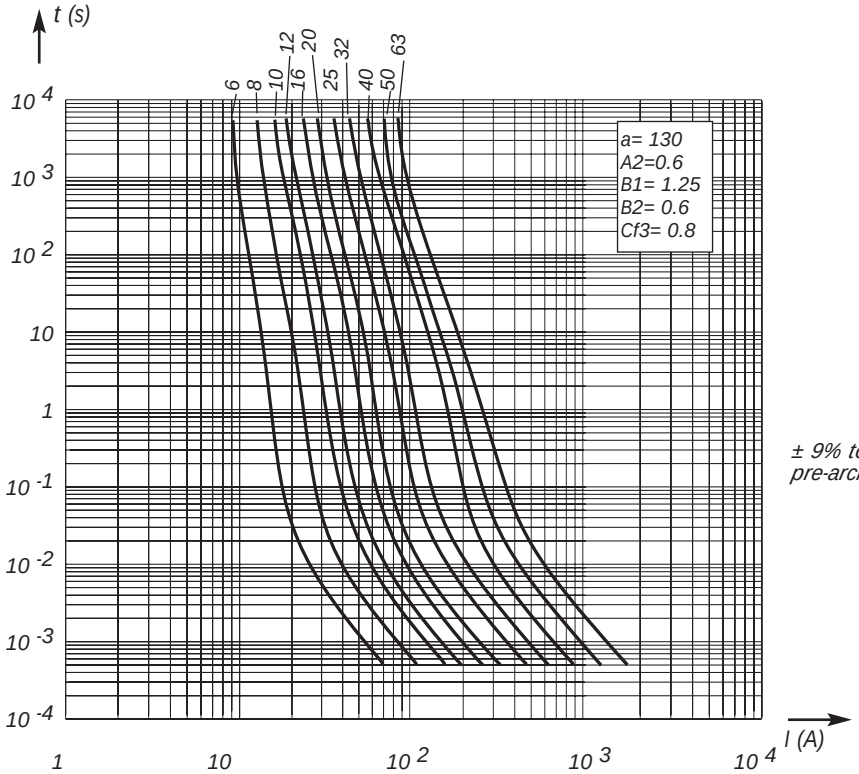
Peak arc voltage vs. working voltage



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 accross the fuse terminals, vs. DC working voltage

Time vs. current characteristics



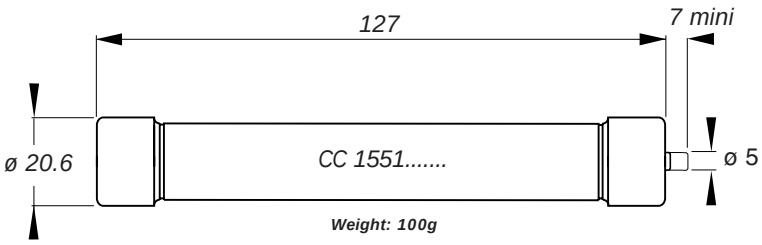
± 9% tolerance for mean pre-arcing current

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

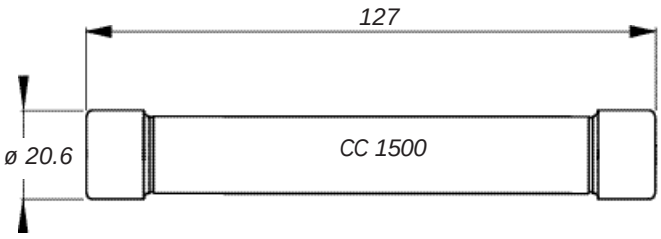
DC Ferrule Fuses 20x127 gR 1500V DC

gRB - gRD from 0.8 to 25 A

Dimensions



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



Main Characteristics

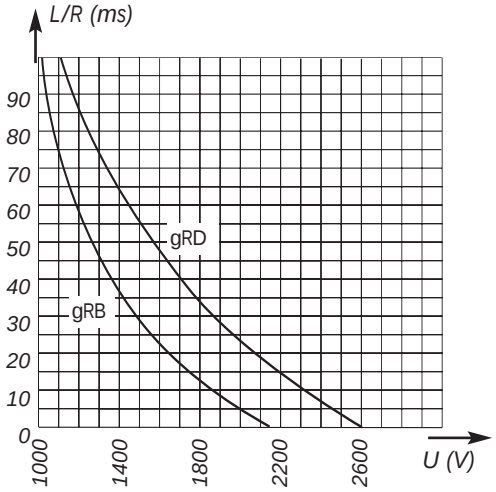
Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Designation	Ref. Number	Catalog Number
	0.8		0.5	0.9	CC 1551 CP gRB 20x127/0.8	D 150 gRB 0.8 VI(1)	E075743	FD20GB150V0,8T
	1		0.5	0.9	CC 1551 CP gRB 20x127/1	D 150 gRB 001 VI(1)	F075744	FD20GB150V1T
	1.5	@ 1000 V DC	0.8	1.4	CC 1551 CP gRB 20x127/1.5	D 150 gRB 01.5 VI(1)	G075745	FD20GB150V1,5T
	2	100 kA	0.9	1.6	CC 1551 CP gRB 20x127/2	D 150 gRB 002 VI(1)	B088367	FD20GB150V2T
	3.15	L/R = 100 ms	1.2	2.1	CC 1551 CP gRB 20x127/3.15	D 150 gRB 3.15VI(1)	H075746	FD20GB150V3,15T
	4		1.3	2.1	CC 1551 CP gRB 20x127/4	D 150 gRB 004 VI(1)	J075747	FD20GB150V4T
	5		1.4	2.3	CC 1551 CP gRB 20x127/5	D 150 gRB 005 VI(1)	C088368	FD20GB150V5T
	0.8	@ 1500 V DC	0.5	0.9	CC 1500 CP gRB 20x127/0.8	D 150 gRB 0.8 V	J081842	FD20GB150V0,8
	1	30 kA	0.5	0.9	CC 1500 CP gRB 20x127/1	D 150 gRB 001 V	R079894	FD20GB150V1
	1.5	L/R = 20 ms	0.8	1.4	CC 1500CP gRB 20x127/1.5	D 150 gRB 01.5 V	K081843	FD20GB150V1,5
	2		0.9	1.6	CC 1500 CP gRB 20x127/2	D 150 gRB 002 V	Y099243	FD20GB150V2
20x127	3.15		1.2	2.1	CC 1500 CP gRB 20x127/3.15	D 150 gRB 3.15 V	L081844	FD20GB150V3,15
	4		1.3	2.1	CC 1500CP gRB 20x127/4	D 150 gRB 004 V	Z099244	FD20GB150V4
	5		1.4	2.3	CC 1500 CP gRB 20x127/5	D 150 gRB 005 V	A099245	FD20GB150V5
	6		3.4	6.3	CC 1500 CP gRD 20x127/6	D 150 gRD 006 V	E082804	FD20GD150V6
	8		3.3	6.0	CC 1500 CP gRD 20x127/8	D 150 gRD 008 V	Z080867	FD20GD150V8
	10	@ 1500 V DC	3.5	6.1	CC 1500 CP gRD 20x127/10	D 150 gRD 010 V	F081655	FD20GD150V10
	12	30 kA	3.9	6.8	CC 1500 CP gRD 20x127/12	D 150 gRD 012 V	B080593	FD20GD150V12
	16	L/R = 55 ms	5	8.9	CC 1500 CP gRD 20x127/16	D 150 gRD 016 V	Q081457	FD20GD150V16
	20		5.3	9.6	CC 1500 CP gRD 20x127/20	D 150 gRD 020 V	D082803	FD20GD150V20
	25		6.6	12	CC 1500 CP gRD 20x127/25	D 150 gRD 025 V	A080431	FD20GD150V25

Minimum trip indicator operating voltage: 50 V
(1) Rating 0,8 to 5A with trip indicator arc. UL Recognized
See Fuse Blocks, Fuse Holders and Fuse clips
Pack: *3 and 10 pieces*

DC Ferrule Fuses
20x127
gR 1500V DC

gRB - gRD from 0.8 to 25 A

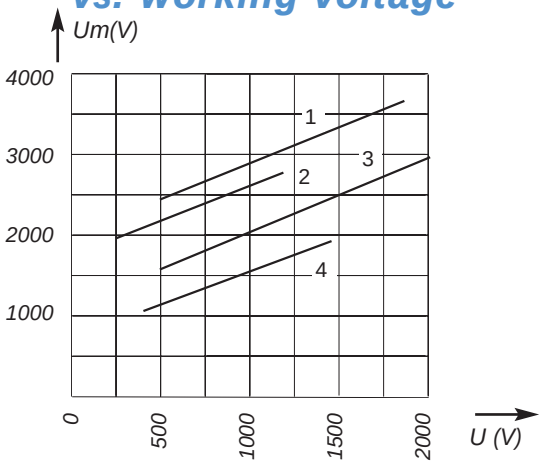
Electrical characteristics
DC applications data



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

Max. AC voltage (50/60 Hz):
2500 V with breaking capacity of 50 kA

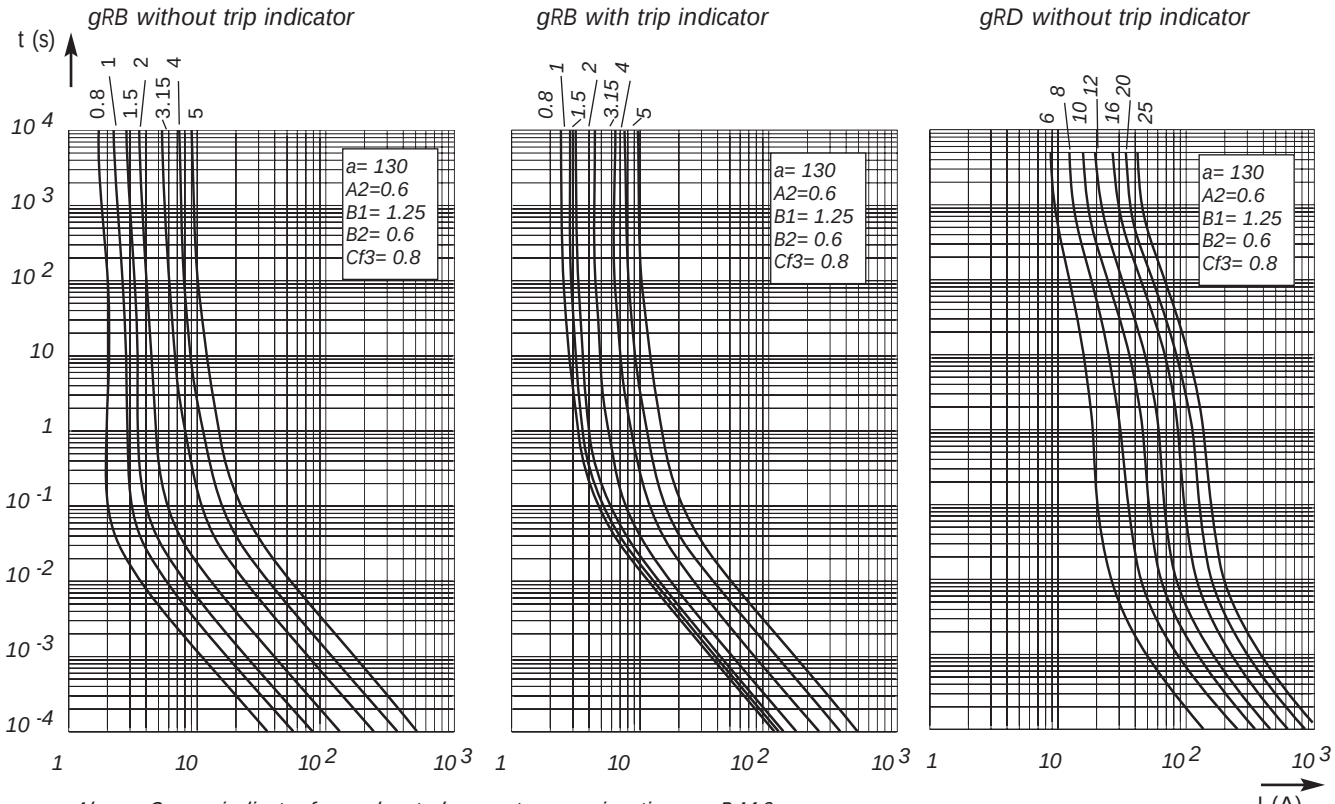
Peak arc voltage
vs. working voltage



Curve 1: gRD @ L/R = 30 ms
Curve 2: gRB @ L/R = 60 ms
Curve 3: gRD @ L/R = 15 ms
Curve 4: gRB @ L/R = 30 ms

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

Time vs. current characteristics



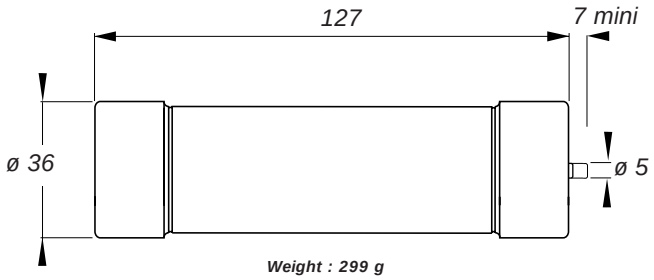
Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

± 9% tolerance for mean pre-arcing current

DC Ferrule Fuses
36x127
gR 1000V DC

1000 V DC
gRB-gRC from 25 to 100 A
Size 36x127

Dimensions



Weight : 299 g

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

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Designation	Reference Number	Catalog Number
36x127	25	1000 V 100 kA 20 ms	5.3	9.4	CC 1051 CP gRB 36x127/25	H 083980	FD36GB100V25T
	32		6.4	11.5	CC 1051 CP gRB 36x127/32	R 086495	FD36GB100V32T
	40		6.5	11.6	CC 1051 CP gRB 36x127/40	G 089499	FD36GB100V40T
	50		8.7	15.4	CC 1051 CP gRB 36x127/50	H 089500	FD36GB100V50T
	63	1000 V 100 kA 20 ms	10.5	18.8	CC 1051 CP gRC 36x127/63	J 089501	FD36GC100V63T
	80		11.9	21.5	CC 1051 CP gRC 36x127/80	A 083651	FD36GC100V80T
	100		13.2	24.1	CC 1051 CP gRC 36x127/100	Z 083650	FD36GC100V100T

Minimum trip indicator operating voltage: 50 V

See Fuse Blocks, Fuse Holders and Fuse clips

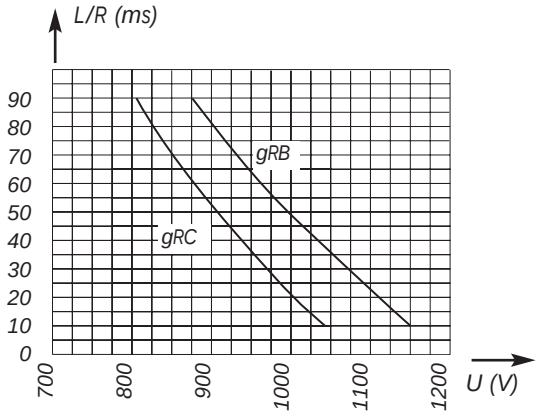
Pack: *3 pieces*

DC Ferrule Fuses
36x127
gR 1000V DC

gRB-gRC from 25 to 100 A

Electrical characteristics

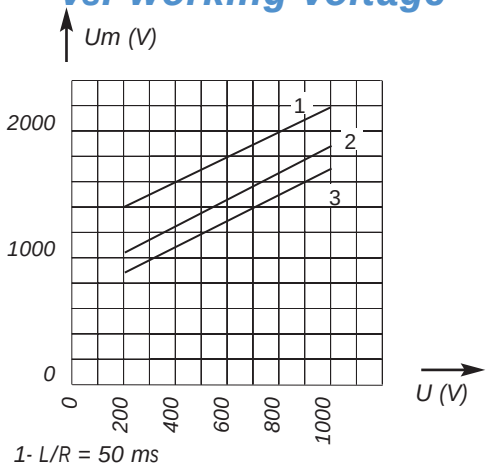
DC applications data



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

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

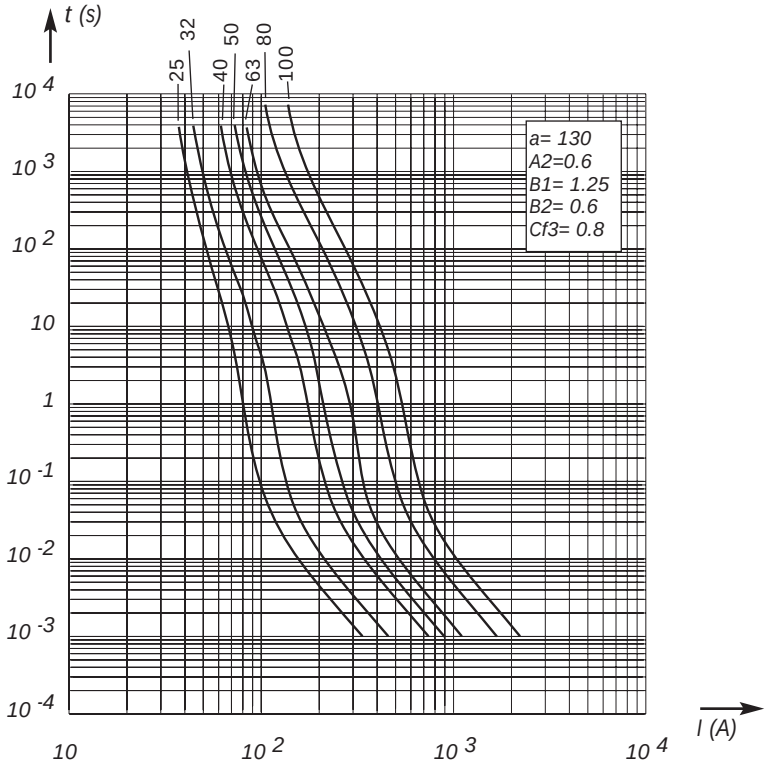
Peak arc voltage vs. working voltage



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 fuse terminals, vs. DC working voltage

Time vs. current characteristics



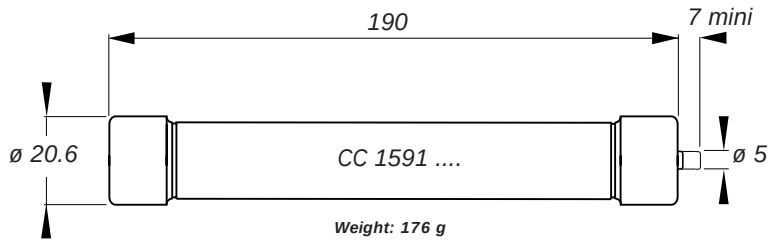
±7% tolerance for mean pre-arcing current

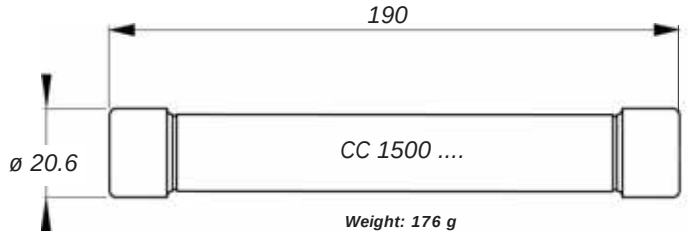
Above: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

DC Ferrule Fuses 20x190 gR 1500V DC

gRC from 6 to 32 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 0.8 I_N (W)	Watts loss I_N (W)	Designation	Reference Number	Catalog Number
20x190	6	@ 1500 V DC 60 kA L/R = 40 ms	4.8	7.8	CC 1591 CP gRC 20x190/6	D083102	FD20GC150V6T
	8		5.3	8.8	CC 1591 CP gRC 20x190/8	V083738	FD20GC150V8T
	10		6.5	10.5	CC 1591 CP gRC 20x190/10	G087245	FD20GC150V10T
	12		7.0	11.5	CC 1591 CP gRC 20x190/12	Y080429	FD20GC150V12T
	16		8.0	13	CC 1591 CP gRC 20x190/16	N088378	FD20GC150V16T
	20		9.5	15	CC 1591 CP gRC 20x190/20	Q087345	FD20GC150V20T
	25		12	19.5	CC 1591 CP gRC 20x190/25	Z080430	FD20GC150V25T
	32		16	26	CC 1591 CP gRC 20x190/32	G085911	FD20GC150V32T
	6		4.8	7.8	CC 1500 CP gRC 20x190/6	Z089469	FD20GC150V6
	8		5.3	8.8	CC 1500 CP gRC 20x190/8	A089470	FD20GC150V8
	10		6.5	10.5	CC 1500 CP gRC 20x190/10	B089471	FD20GC150V10
	12		7.0	11.5	CC 1500 CP gRC 20x190/12	C089472	FD20GC150V12
	16		8.0	13	CC 1500 CP gRC 20x190/16	D089473	FD20GC150V16
	20		9.5	15	CC 1500 CP gRC 20x190/20	E089474	FD20GC150V20
	25		12	19.5	CC 1500 CP gRC 20x190/25	F089475	FD20GC150V25
	32		16	26	CC 1500 CP gRC 20x190/32	G089476	FD20GC150V32

Minimum trip indicator operating voltage: 90 V

See Fuse Blocks, Fuse Holders and Fuse clips

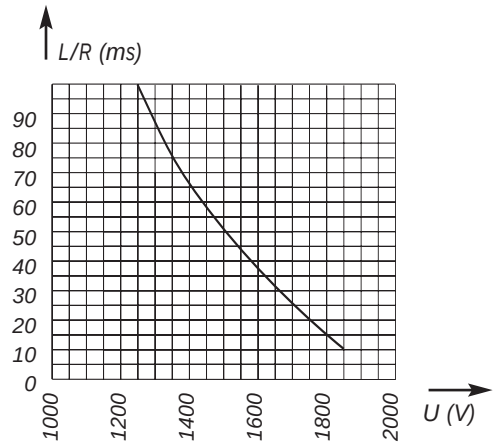
Pack: *1 piece*

DC Ferrule Fuses
20x190
gR 1500V DC

gRC from 6 to 32 A

Electrical characteristics

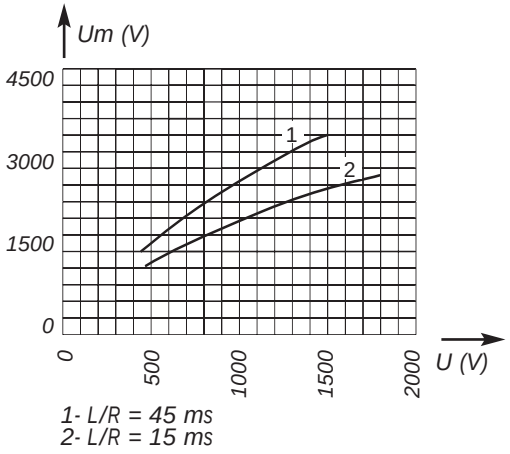
DC applications data



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

Max. AC voltage (50/60 Hz):
3000 V with breaking capacity of 50 kA

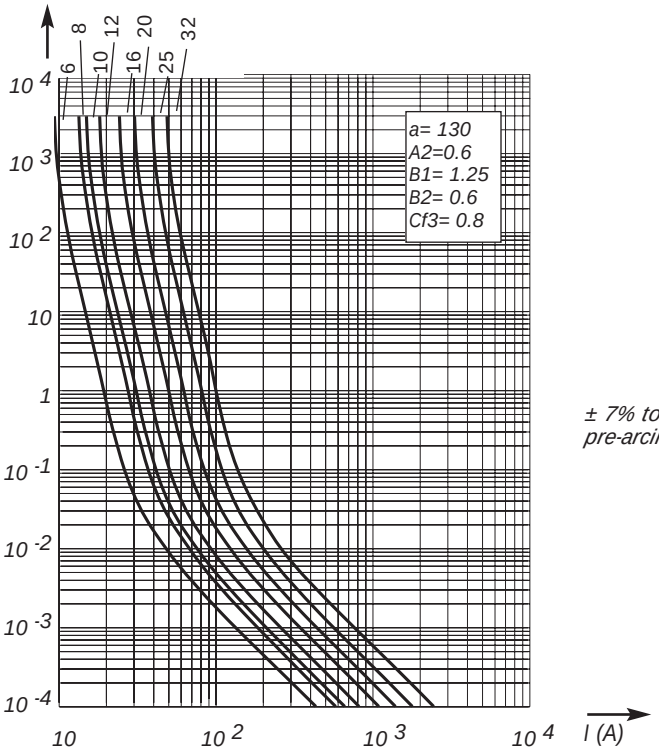
Peak arc voltage vs. working voltage



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

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

Time vs. current characteristics



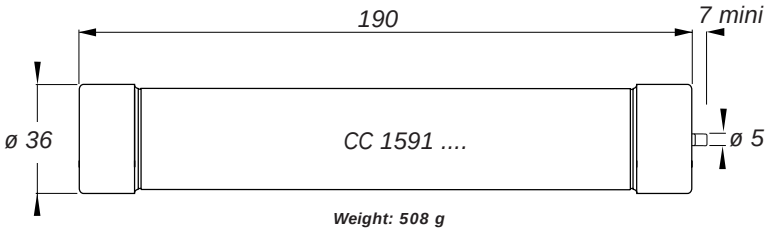
± 7% tolerance for mean pre-arcing current

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

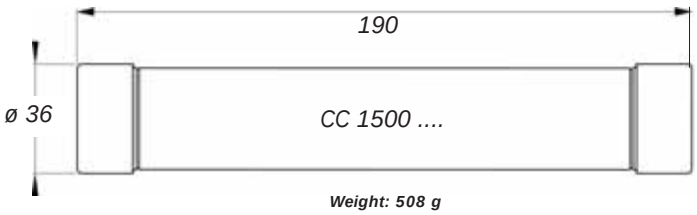
DC Ferrule Fuses
36x190
gR 1500V DC

gRC - gRD from 40 to 100 A

Dimensions



Weight: 508 g



Weight: 508 g

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

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Designation	Reference Number	Catalog Number
36x190	40	@ 1500 V DC 60 kA L/R = 60 ms	14	26	CC 1591 CP gRC 36x190/40	M 080419	FD36GC150V40T
	50		16.5	30	CC 1591 CP gRC 36x190/50	N 080420	FD36GC150V50T
	63		20.6	38	CC 1591 CP gRC 36x190/63	P 080421	FD36GC150V63T
	80		18	33	CC 1591 CP gRD 36x190/80	N 221134	FD36GD150V80T
	100		23	42	CC 1591 CP gRD 36x190/100	Y 220154	FD36GD150V100T
	40	@ 1500 V DC 100 kA L/R = 30 ms	14	26	CC 1500 CP gRC 36x190/40	H 089477	FD36GC150V40
	50		16.5	30	CC 1500 CP gRC 36x190/50	J 089478	FD36GC150V50
	63		20.6	38	CC 1500 CP gRC 36x190/63	K 089479	FD36GC150V63
	80		18	33	CC 1500 CP gRD 36x190/80	Q 078007	FD36GD150V80
	100		23	42	CC 1500 CP gRD 36x190/100	K 078025	FD36GD150V100

Minimum trip indicator operating voltage: 90 V

See Fuse Blocks, Fuse Holders and Fuse clips

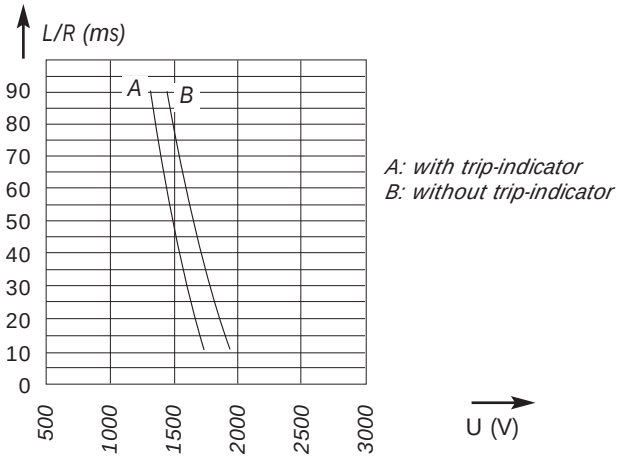
Pack: *1 piece*

DC Ferrule Fuses
36x190
gR 1500V DC

gRC - gRD from 40 to 100 A

Electrical characteristics

DC applications data

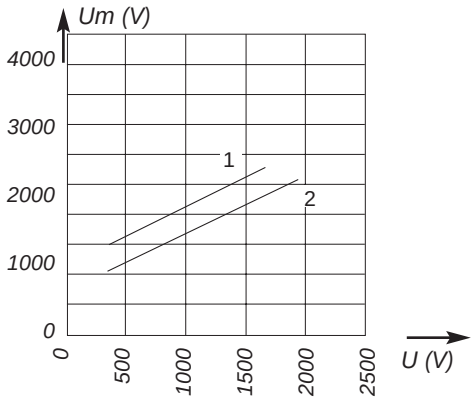


A: with trip-indicator
B: without trip-indicator

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

Max. AC voltage (50/60 Hz):
3000 V with breaking capacity of 50 kA

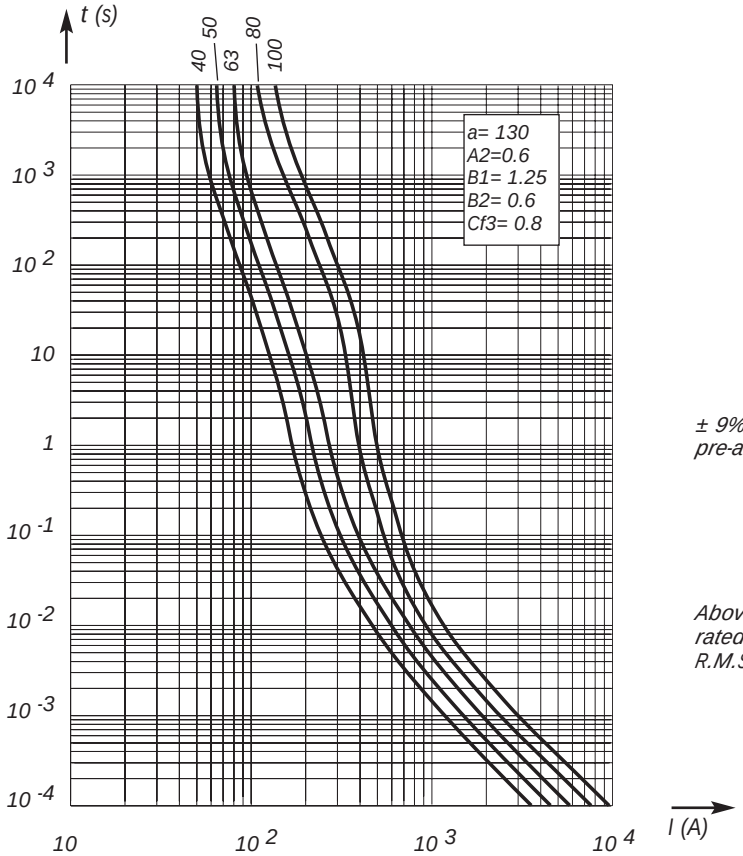
Peak arc voltage vs. working voltage



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



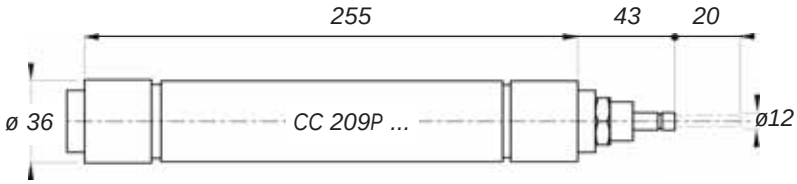
± 9% tolerance for mean pre-arcing current

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

DC Ferrule Fuses
36x250
gR 2000V DC

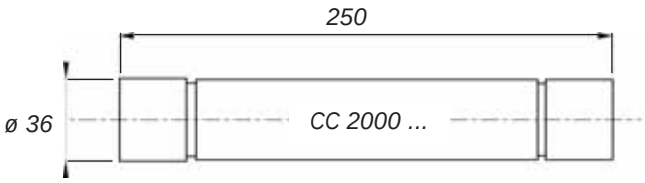
gRB from 0.8 to 40 A

Dimensions

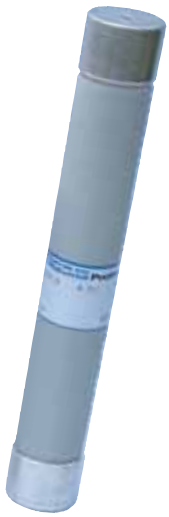


Trip force: 15 N at 20 mm

Weight 667 g



Weight 610 g



Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Designation	Reference Number	Catalog Number
	0.8		1	1.8	CC 2000 CP gRB 36x250/0.8	P 221135	FD36GB200V0,8
	1		1.1	2	CC 2000 CP gRB 36x250/1	R 093096	FD36GB200V1
	1.5		1.8	3	CC 2000 CP gRB 36x250/1.5	S 093097	FD36GB200V1,5
	2		2	3.3	CC 2000 CP gRB 36x250/2	T 093098	FD36GB200V2
	3.15		2.8	5	CC 2000 CP gRB 36x250/3.15	V 093099	FD36GB200V3,15
	4		4	7	CC 2000 CP gRB 36x250/4	N 084951	FD36GB200V4
	5		5	8.8	CC 2000 CP gRB 36x250/5	Q 221136	FD36GB200V5
	6		5.3	9	CC 2000 CP gRB 36x250/6	S 084955	FD36GB200V6
	8		6	10	CC 2000 CP gRB 36x250/8	V 090339	FD36GB200V8
	10		7	12	CC 2000 CP gRB 36x250/10	H 093157	FD36GB200V10
	12	@ 2000 V DC	7.6	13	CC 2000 CP gRB 36x250/12	W 093100	FD36GB200V12
36x250	16	30 kA	10.5	18	CC 2000 CP gRB 36x250/16	X 093101	FD36GB200V16
	20	L/R = 20 ms	10	17.5	CC 2000 CP gRB 36x250/20	H 086257	FD36GB200V20
	25		12	21	CC 2000 CP gRB 36x250/25	Y 081441	FD36GB200V25
	32		15.2	26	CC 2000 CP gRB 36x250/32	X 081440	FD36GB200V32
	40		19.6	33.6	CC 2000 CP gRB 36x250/40	W 081439	FD36GB200V40
	10		7.0	12	CC 209P CP gRB 36x250/10	L 084949	FD36GB200V10K
	12		7.6	13	CC 209P CP gRB 36x250/12	M 098497	FD36GB200V12K
	20		10	17.5	CC 209P CP gRB 36x250/20	M 084950	FD36GB200V20K
	25		12	21	CC 209P CP gRB 36x250/25	R 087461	FD36GB200V25K
	32		15.2	26	CC 209P CP gRB 36x250/32	L 081131	FD36GB200V32K
	40		19.6	33.6	CC 209P CP gRB 36x250/40	W 087373	FD36GB200V40K

Minimum trip indicator operating voltage: 90 V

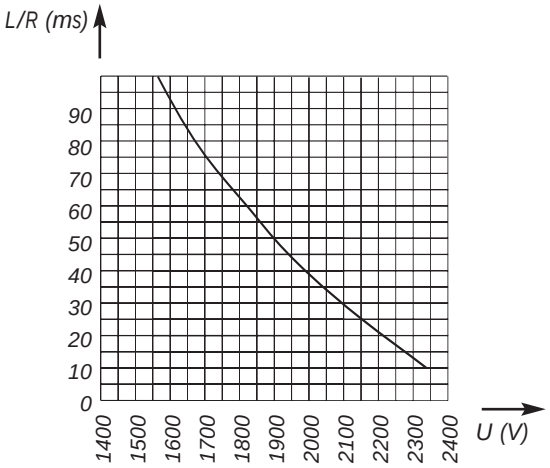
See Fuse Blocks, Fuse Holders and Fuse clips

Pack: *1 piece*

DC Ferrule Fuses
36x250
gR 2000V DC

gRB from 0.8 to 40 A

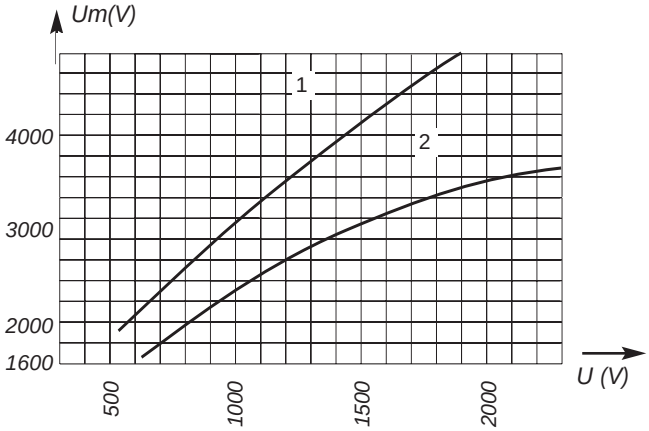
Electrical characteristics
DC applications data



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

Max. AC voltage (50/60 Hz):
3000 V with breaking capacity of 50 kA

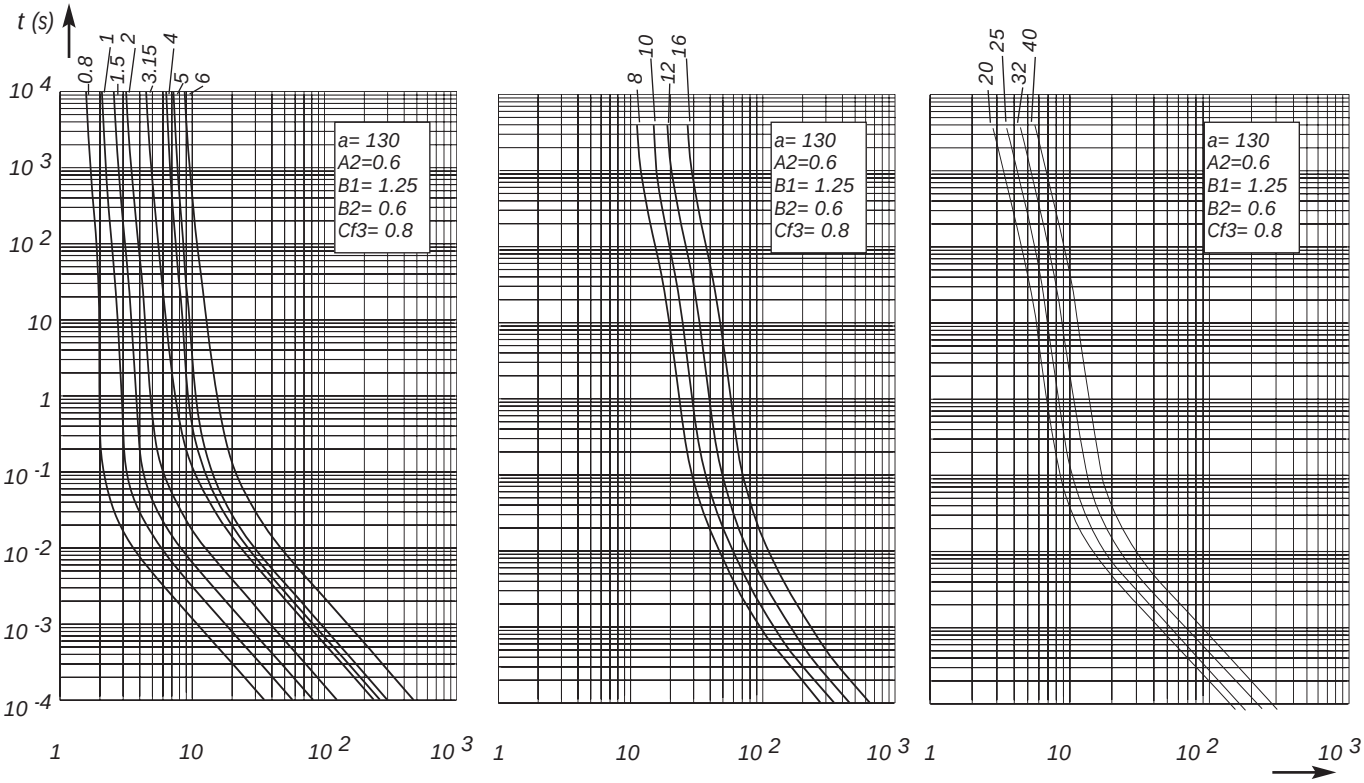
Peak arc voltage
vs. working voltage



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



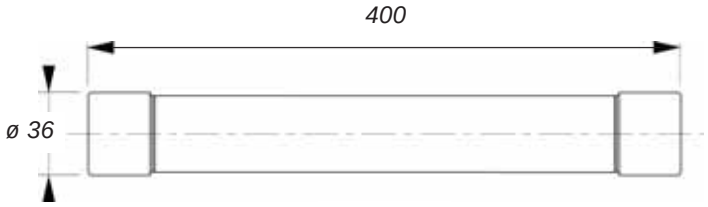
Above: These curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

± 10% tolerance for mean pre-arcing current

DC Ferrule Fuses 36x400 gR 4000V DC

gRC from 0.8 to 20 A

Dimensions



Weight: 840 g

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Designation	Reference Number	Catalog Number
36x400	0.8	@ 4000 V DC 30 kA L/R = 20 ms	1.5	2.5	CC 4000 CP gRC 36x400/0.8	Z 220293	FD36GC400V0,8
	1		1.6	2.7	CC 4000 CP gRC 36x400/1	R 221137	FD36GC400V1
	1.5		2.4	4.1	CC 4000 CP gRC 36x400/1.5	S 221138	FD36GC400V1,5
	2		3.0	5.0	CC 4000 CP gRC 36x400/2	Z 089423	FD36GC400V2
	3.15		3.9	6.4	CC 4000 CP gRC 36x400/3.15	T 221139	FD36GC400V3,15
	4		6.0	10	CC 4000 CP gRC 36x400/4	A 089424	FD36GC400V4
	5		9.6	16	CC 4000 CP gRC 36x400/5	Y 098461	FD36GC400V5
	6		11	19	CC 4000 CP gRC 36x400/6	E 099847	FD36GC400V6
	8*		12	22	CC 4000 CP gRC 36x400/8	V 221140	FD36GC400V8
	10*		13	23	CC 4000 CP gRC 36x400/10	G 098469	FD36GC400V10
	12*		15	26	CC 4000 CP gRC 36x400/12	C 098396	FD36GC400V12
	16*		15	27	CC 4000 CP gRC 36x400/16	Z 083052	FD36GC400V16
	20*		18.6	33	CC 4000 CP gRC 36x400/20	F 099848	FD36GC400V20

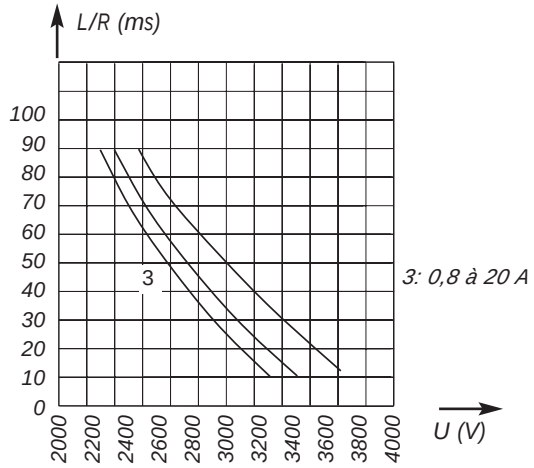
See Fuse Blocks, Fuse Holders and Fuse clips
** Minimum breaking current = 5 IN*

Pack: *1 piece*

DC Ferrule Fuses
36x400
gR 4000V DC

gRC from 0.8 to 20 A

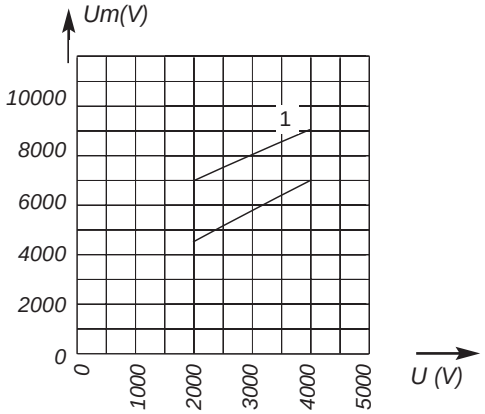
Electrical characteristics
DC applications data



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

Max. AC voltage (50/60 Hz): *4000 V with breaking capacity of 50 kA*

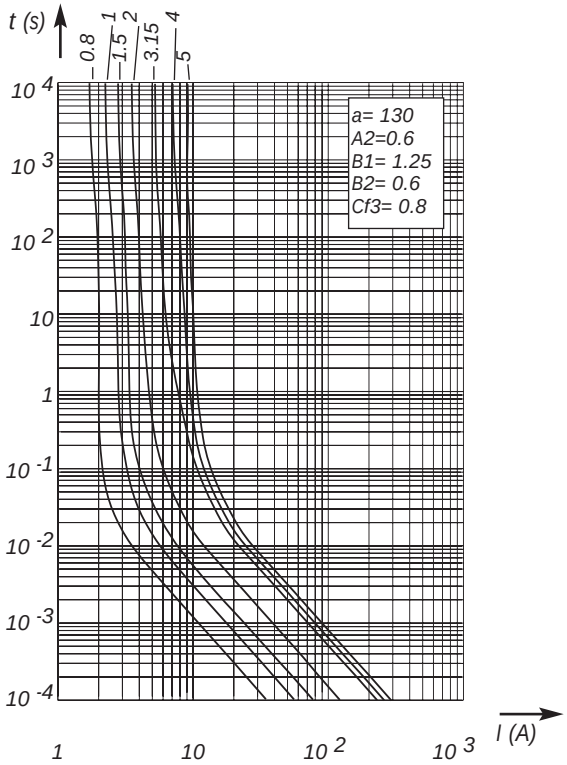
Peak arc voltage
vs. working voltage

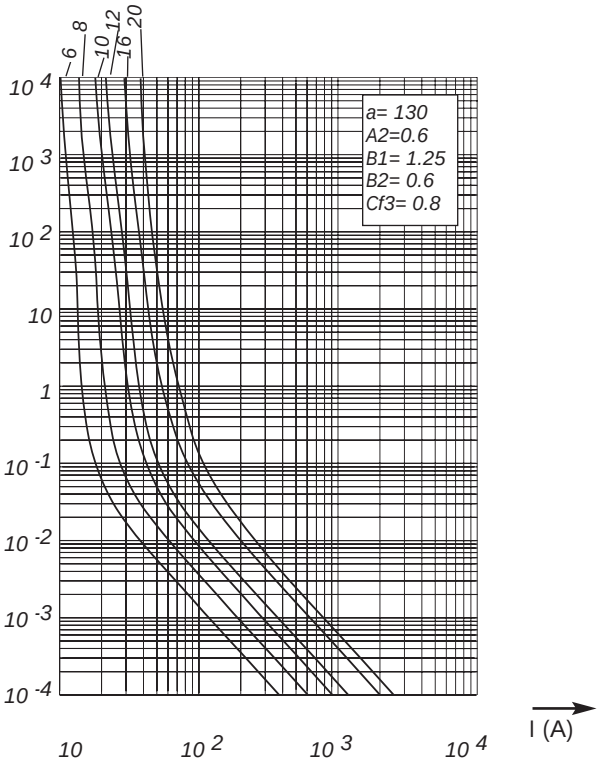


1 : L/R = 30 ms

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





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