

Protistor® size 14x51 gLB 440VDC

PRODUCT RANGE

Size 14x51 gLB 440VDC with striker

Catalog number	Item number	Rated voltage DC (IEC)	Rated current I _n	Rated breaking capacity DC @10ms	Rated breaking capacity DC @30ms	Power dissipation at 0.8 I _n	Power dissipation at I _n	Package	Weight
FD14GB44V2T	E075720	440 V	2 A	100 kA	40 kA	0.6 W	1 W	10	19 g
FD14GB44V6T	Q094084	440 V	6 A	100 kA	40 kA	1 W	1.7 W	10	19 g
FD14GB44V8T	F075721	440 V	8 A	100 kA	40 kA	1.1 W	1.8 W	10	19 g
FD14GB44V10T	G075722	440 V	10 A	100 kA	40 kA	1.2 W	1.9 W	10	19 g
FD14GB44V12T	R094085	440 V	12 A	100 kA	40 kA	1.3 W	2.1 W	10	19 g
FD14GB44V16T	H075723	440 V	16 A	100 kA	40 kA	1.5 W	2.5 W	10	19 g
FD14GB44V20T	L221132	440 V	20 A	100 kA	40 kA	1.7 W	3 W	10	19 g
FD14GB44V25T	J075724	440 V	25 A	100 kA	40 kA	2 W	3.5 W	10	19 g
FD14GB44V32T	S098410	440 V	32 A	100 kA	40 kA	2.5 W	4.3 W	10	19 g
FD14GB44V40T	T098687	440 V	40 A	100 kA	40 kA	3 W	5.1 W	10	19 g
FD14GB44V50T	H076620	440 V	50 A	100 kA	40 kA	3.5 W	6 W	10	19 g

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

Protistor® size 22x58 gLB 440VDC

PRODUCT RANGE

Size 22x58 gLB 440VDC with striker

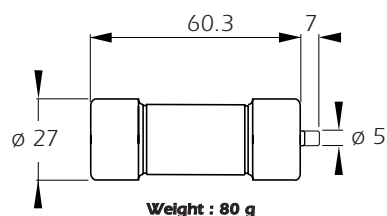
Catalog number	Item number	Rated voltage DC (IEC)	Rated current I _n	Rated breaking capacity DC @10ms	Rated breaking capacity DC @30ms	Power dissipation at 0.8 I _n	Power dissipation at I _n	Package	Weight
FD22GB44V50T	L076968	440 V	50 A	100 kA	40 kA	4.2 W	7.1 W	10	56 g
FD22GB44V63T	M221133	440 V	63 A	100 kA	40 kA	5.1 W	8.7 W	10	56 g
FD22GB44V80T	J098563	440 V	80 A	100 kA	40 kA	6.3 W	11 W	10	56 g
FD22GB44V100T	K099507	440 V	100 A	100 kA	40 kA	7.6 W	13.5 W	10	56 g

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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



Protistor® size 20x127 gR (GRB/C/D)

1000 to 1500VDC

PRODUCT RANGE



FD20GB100V6T

Size 20x127 gR 1000VDC with striker

Catalog number	Item number	Rated voltage DC (IEC)	Rated current I _n	Rated breaking capacity DC	Power dissipation at I _n	Package	Weight
FD20GB100V6T	Z088020	1000 V	6 A	100 kA	3.5 W	10	97 g
FD20GB100V8T	T088774	1000 V	8 A	100 kA	3.8 W	10	97 g
FD20GB100V10T	A089493	1000 V	10 A	100 kA	4.2 W	10	97 g
FD20GB100V12T	B089494	1000 V	12 A	100 kA	5.3 W	10	97 g
FD20GB100V16T	C089495	1000 V	16 A	100 kA	6.6 W	10	97 g
FD20GB100V20T	D089496	1000 V	20 A	100 kA	7.7 W	10	97 g
FD20GB100V25T	E089497	1000 V	25 A	100 kA	9 W	10	97 g
FD20GB100V32T	F089498	1000 V	32 A	100 kA	10.5 W	10	97 g
FD20GC100V40T	S086795	1000 V	40 A	100 kA	13.2 W	10	97 g
FD20GC100V50T	F086186	1000 V	50 A	100 kA	15.5 W	10	97 g
FD20GC100V63T	F083656	1000 V	63 A	100 kA	17.4 W	10	97 g

Size 20x127 gR 1000VDC without striker

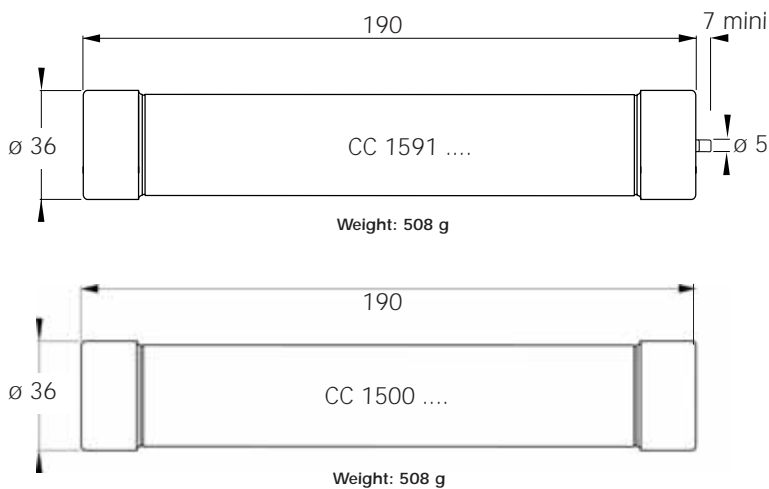
Catalog number	Item number	Rated voltage DC (IEC)	Rated current I _n	Rated breaking capacity DC	Power dissipation at I _n	Package	Weight
FD20GB100V6	N089482	1000 V	6 A	100 kA	3.5 W	10	0.1 kg
FD20GB100V8	P089483	1000 V	8 A	100 kA	3.8 W	10	0.1 kg
FD20GB100V10	Q089484	1000 V	10 A	100 kA	4.2 W	10	0.1 kg
FD20GB100V12	R089485	1000 V	12 A	100 kA	5.3 W	10	0.1 kg
FD20GB100V16	S089486	1000 V	16 A	100 kA	6.6 W	10	0.1 kg
FD20GB100V20	T089487	1000 V	20 A	100 kA	7.7 W	10	0.1 kg
FD20GB100V25	V089488	1000 V	25 A	100 kA	9 W	10	0.1 kg
FD20GB100V32	W089489	1000 V	32 A	100 kA	10.5 W	10	0.1 kg
FD20GC100V40	Z087054	1000 V	40 A	100 kA	13.2 W	10	0.1 kg
FD20GC100V50	K083660	1000 V	50 A	100 kA	15.5 W	10	0.1 kg
FD20GC100V63	J083659	1000 V	63 A	100 kA	17.4 W	10	0.1 kg

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DC Ferrule Fuses 36x190 gR 1500V DC

gRC - gRD from 40 to 100 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)			
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

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