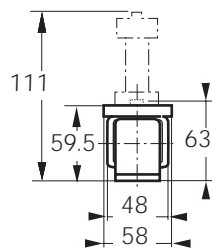
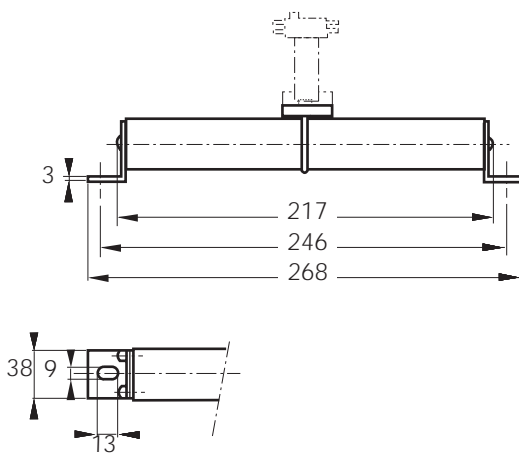


DC Square-body Fuses Sizes 300 - 302 - 2x302 gR Brackets size 300 - 1750 to 2000V DC

gRC-gRE from 6 to 125 A

Dimensions



Weight: 1150 g

Main Characteristics

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



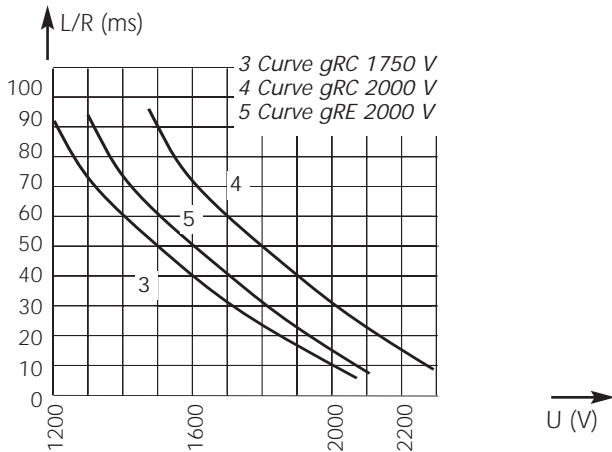
DC Square-body Fuses

Sizes 300 - 302 - 2x302

gR Brackets size 300 - 1750 to 2000V DC

gRC-gRE from 6 to 125 A

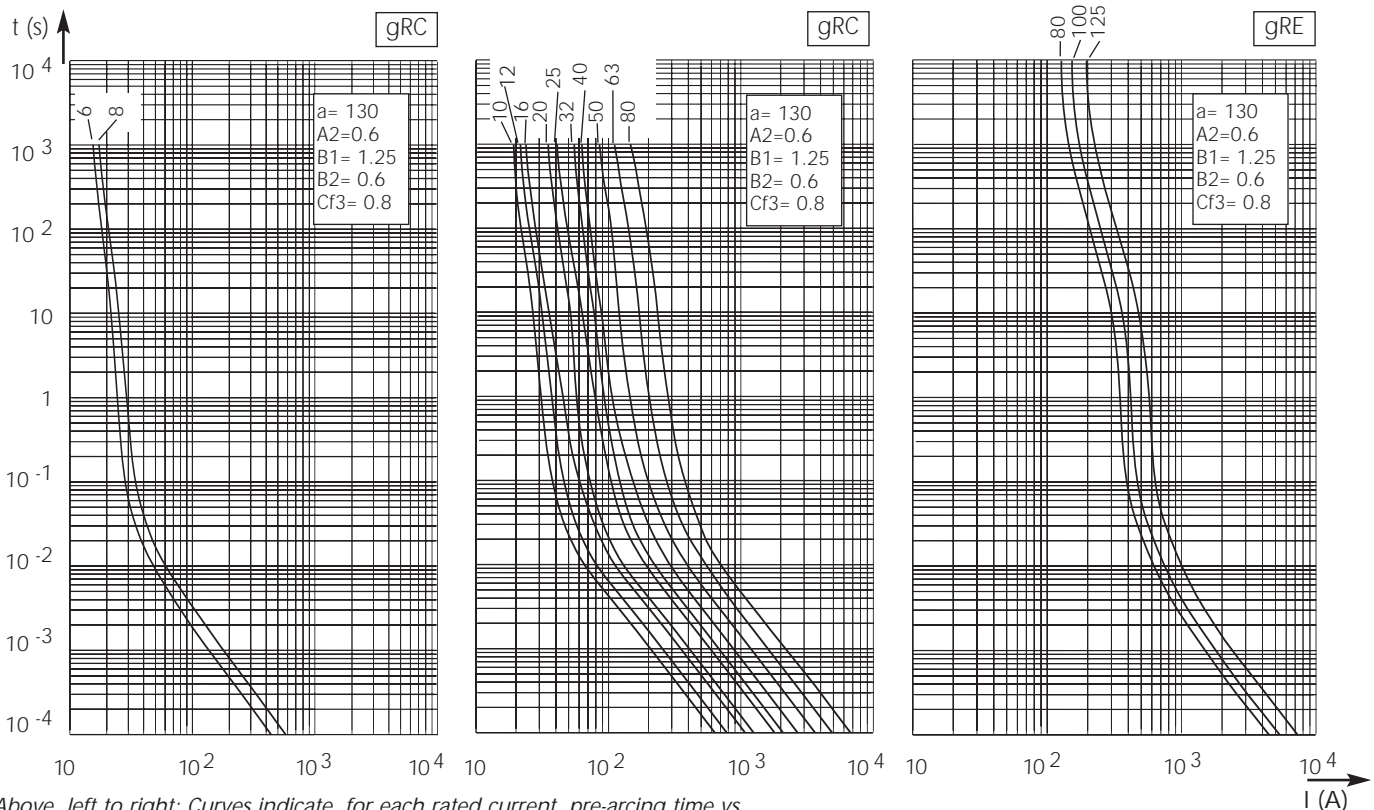
Electrical characteristics DC applications data



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

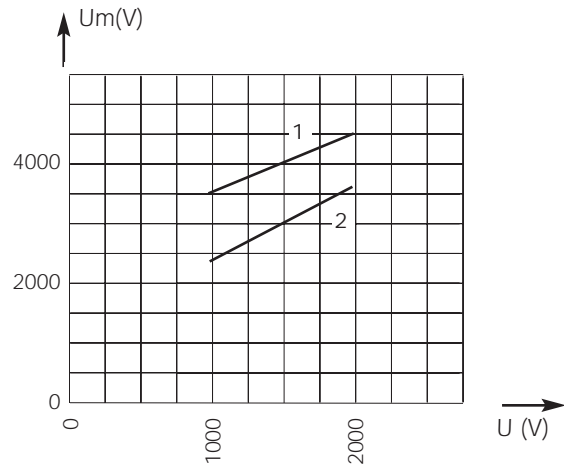
Time vs. current characteristics



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

$\pm 10\%$ tolerance for mean pre-arcing current

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