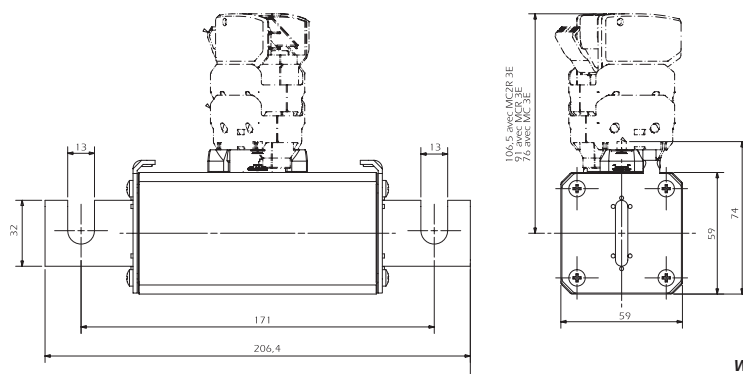


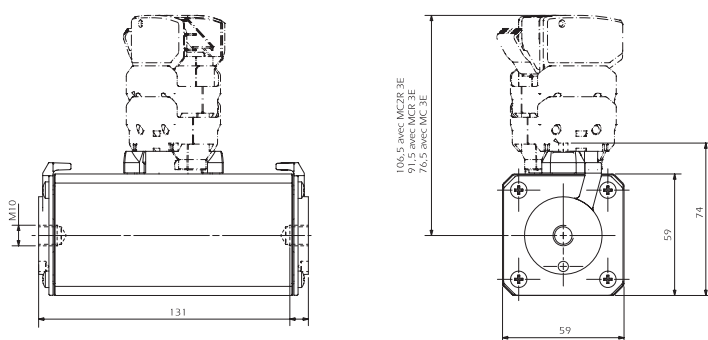
DC Square-body Fuses Sizes 120 to 123 gR 750V DC

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 $0.8 I_N$ (W)	I_N (W)	Max. I^2t @ 900 V = L/R 40 ms $I_P = 10 I_N$ (A ² S)	$P = 50 I_N$ (A ² S)	Designation	Ref. Number	Catalog Number
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



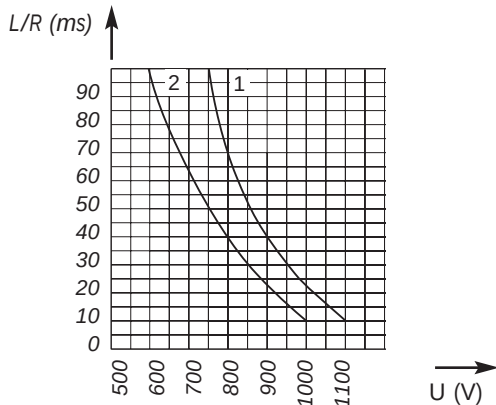
DC Square-body Fuses Sizes 120 to 123 gR 750V DC

Size 122

gRC-gRD from 250 to 500 A

Electrical characteristics

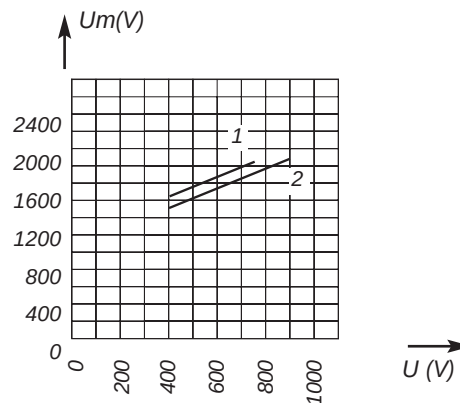
DC applications data



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

Peak arc voltage vs. working voltage



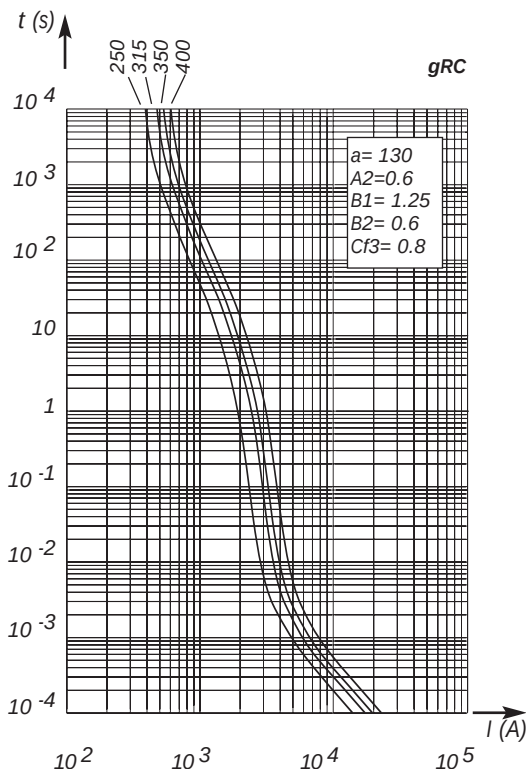
1: $L/R = 100$ ms
2: $L/R = 40$ ms

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

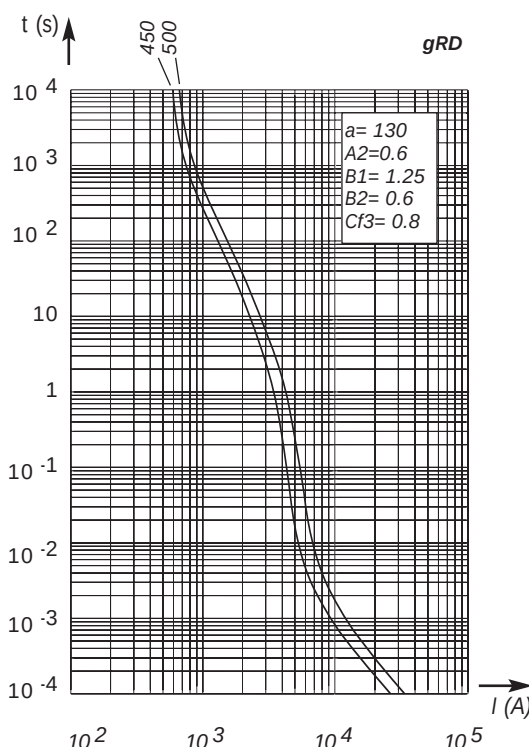
Max. AC voltage (50/60 Hz):

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.



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