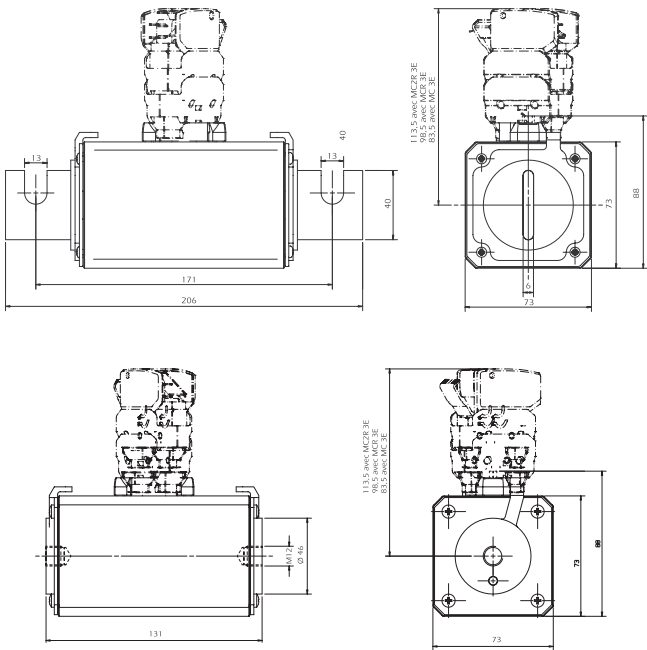


DC Square-body Fuses Sizes 120 to 123 gR 750V DC

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
						CC 7,5 gRB 123 EF 0700	Q078191	D123GB75V700EF		
						CC 7,5 gRD 123 EF 0750	F220943	D123GD75V750EF		
						CC 7,5 gRB 123 TTF 0630	C098557	D123GB75V630TF		
						CC 7,5 gRB 123 TTF 0700	F090441	D123GB75V700TF		
						CC 7,5 gRD 123 TTF 0750	H220945	D123GB75V750TF		
	800	@ 660 V DC 100 kA L/R = 50 ms		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
						CC 6.6 gRB 123 TTF 0800	J220946	D123GB66V800TF		

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

Pack: 1 piece



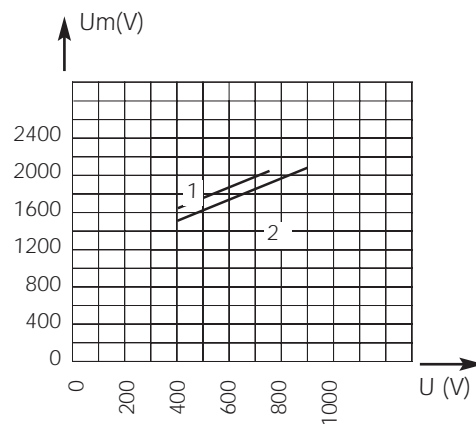
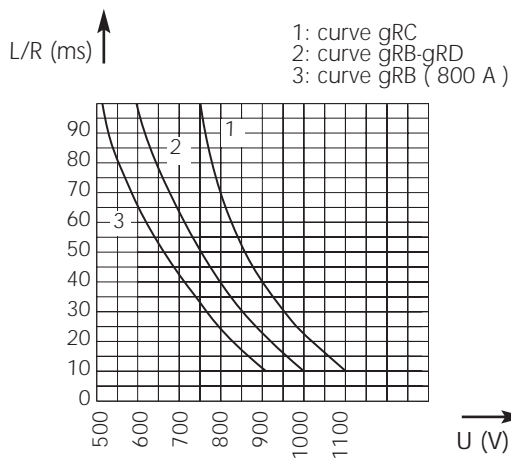
DC Square-body Fuses Sizes 120 to 123 gR 750V DC

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

Electrical characteristics

DC applications data

Peak arc voltage vs. working voltage



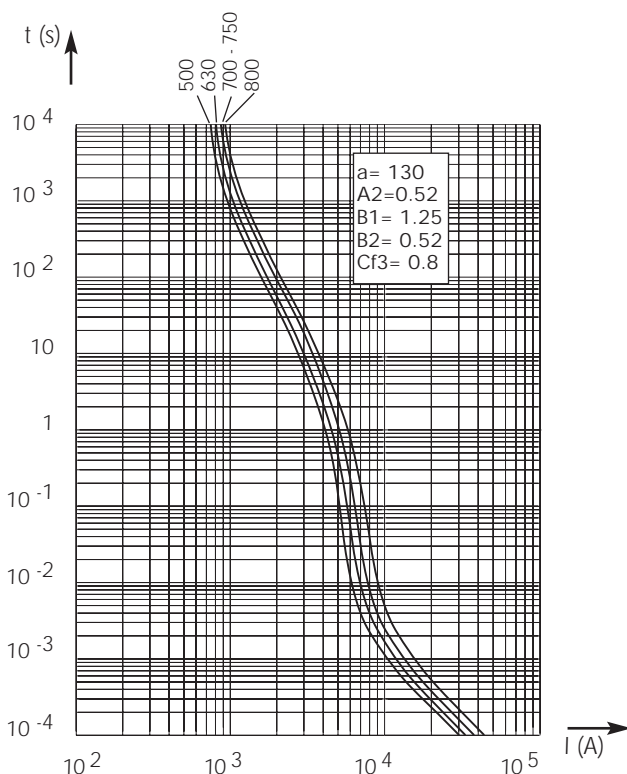
Above: Curves indicate maximum permissible value of time constant L/R as a function of DC working voltage

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

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

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