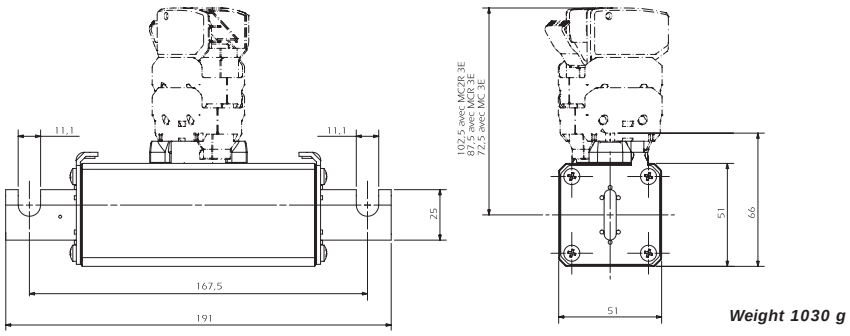
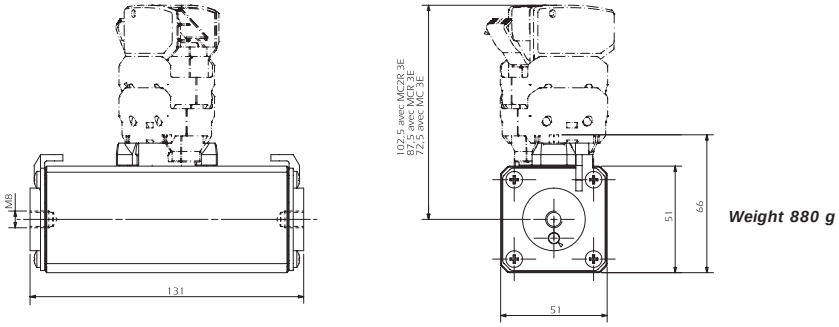
DC Square-body Fuses
Sizes 120 to 123
gR 750V DC

Sizes 121
gRC from 200 to 250 A

Dimensions



Weight 1030 g



Weight 880 g

Main Characteristics

Size	Current rating I_N(A)	Breaking Capacity	Watts loss 0.8 I_N (W)	Watts loss I_N (W)	Max. I^2t @ 900 V = L/R 40 ms IP = 10 I_N (A^2S)	Max. I^2t @ 900 V = L/R 40 ms IP = 50 I_N (A^2S)	Designation	Ref. Number	Catalog Number
121	200	@750 V DC 100 kA L/R = 100 ms	20.5	37.5	755000	150000	CC 7,5 gRC 121 EF 0200	A086710	D121GC75V200EF
	250		25.5	46.7	1250000	250000	CC 7,5 gRC 121 EF 0250	M085203	D121GC75V250EF
	200	@ 900 V DC 100 kA L/R = 40 ms	20.5	37.5	755000	150000	CC 7,5 gRC 121 TTF 0200	N085250	D121GC75V200TF
	250		25.5	46.7	1250000	250000	CC 7,5 gRC 121 TTF 0250	Q085252	D121GC75V250TF

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

Pack: *1 piece*

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Sizes 120 to 123
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Sizes 121
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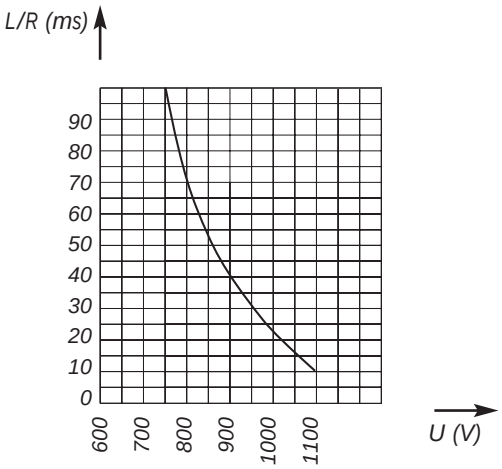
Electrical characteristics

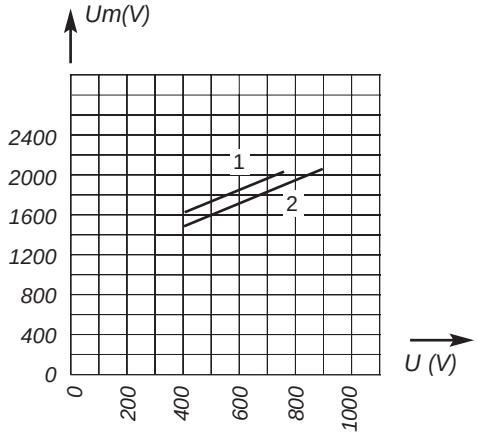
DC applications data



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

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

Peak arc voltage vs. working voltage

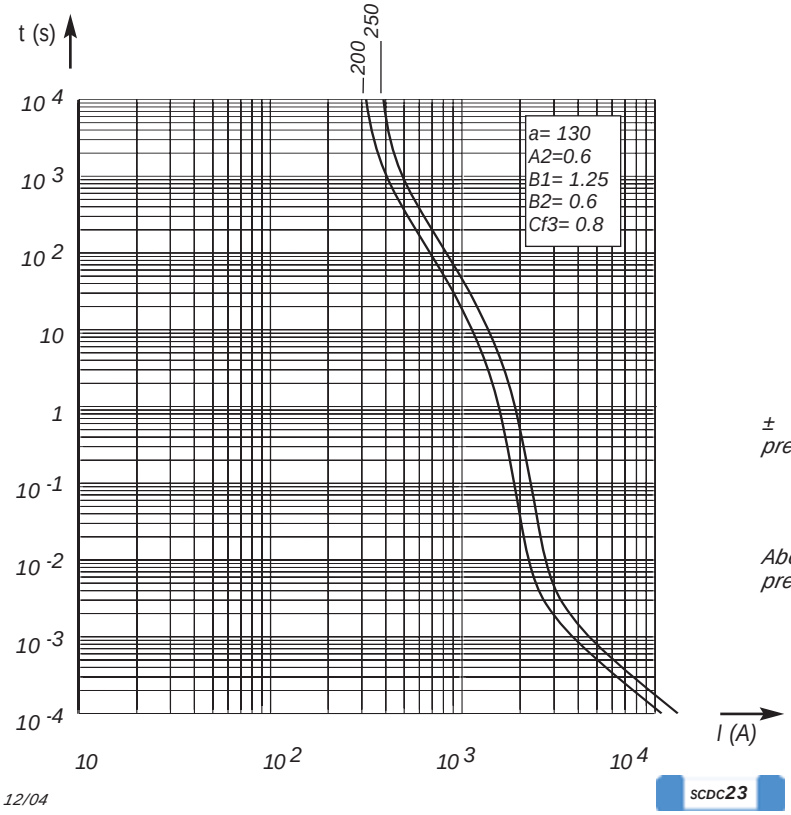


1 : L/R = 100 ms

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

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.