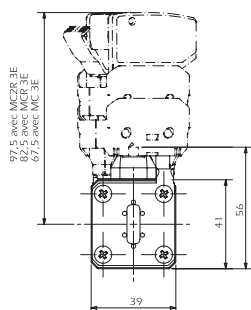
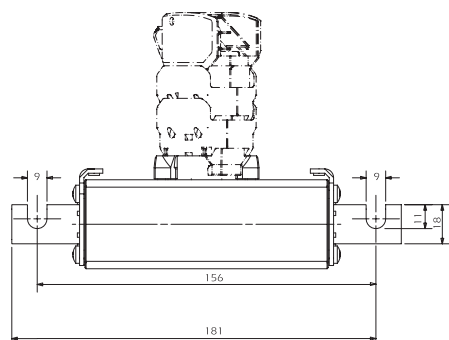


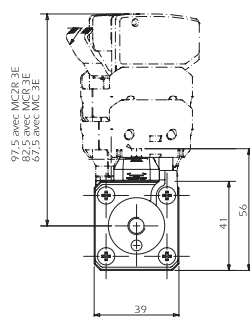
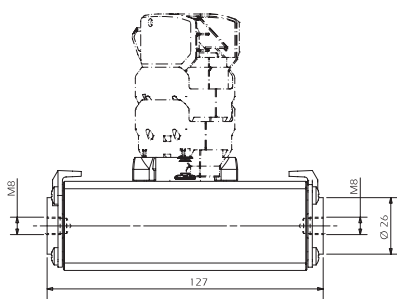
DC Square-body Fuses Sizes 120 to 123 gR 750V DC

Size 120
gRC from 50 to 160 A

Dimensions



Weight 715 g



Weight 650 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 $IP = 10 I_N$ (A ² S)	$IP = 50 I_N$ (A ² S)			
120	50	@ 750 V= 100k A L/R = 100 ms	4.4	8.1	42500	8500	CC 7,5 gRC 120 EF 0050	Y084776	D120GC75V50EF
	63		5.7	10.4	75500	15000	CC 7,5 gRC 120 EF 0063	R085207	D120GC75V63EF
	80		7.3	13.4	125000	24500	CC 7,5 gRC 120 EF 0080	Q085206	D120GC75V80EF
	100		9.1	16.7	200000	40000	CC 7,5 gRC 120 EF 0100	P085205	D120GC75V100EF
	125		11.5	21	315000	62500	CC 7,5 gRC 120 EF 0125	R086242	D120GC75V125EF
	160		15	27	485000	100000	CC 7,5 gRC 120 EF 0160	N085204	D120GC75V160EF
	50	@ 900 V= 100k A L/R = 40 ms	4.4	8.1	42500	8500	CC 7,5 gRC 120 TTF 0050	B220824	D120GC75V50TF
	63		5.7	10.4	75500	15000	CC 7,5 gRC 120 TTF 0063	Q082400	D120GC75V63TF
	80		7.3	13.4	125000	24500	CC 7,5 gRC 120 TTF 0080	Z090435	D120GC75V80TF
	100		9.1	16.7	200000	40000	CC 7,5 gRC 120 TTF 0100	R082401	D120GC75V100TF
	125		11.5	21	315000	62500	CC 7,5 gRC 120 TTF 0125	P085251	D120GC75V125TF
	160		15	27	485000	100000	CC 7,5 gRC 120 TTF 0160	R085253	D120GC75V160TF

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

Pack: 1 piece

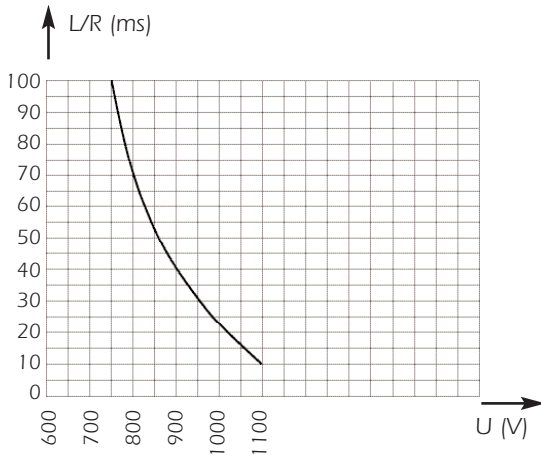
Protistor DC fuses



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

size 120
gRC from 50 to 160 A

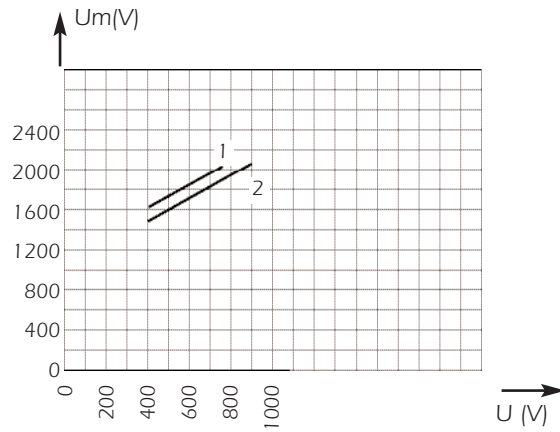
Electrical characteristics DC applications data



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

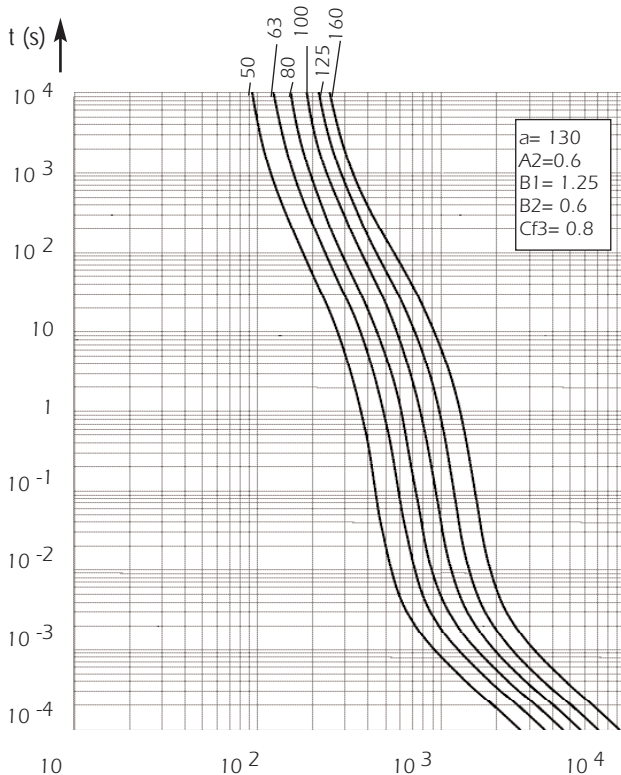
Peak arc voltage vs. working voltage



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.