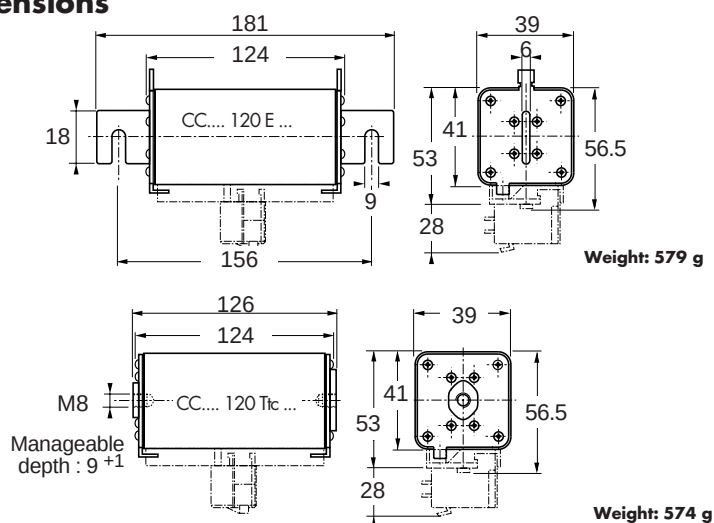




750 V DC
gRC from 50 to 160 A
Size 120

Dimensions

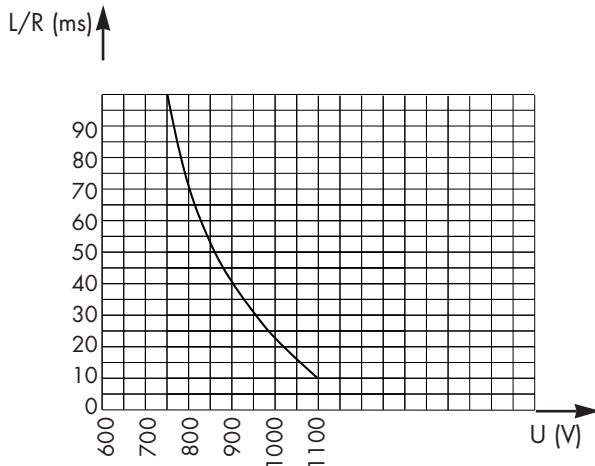


MAIN CHARACTERISTICS

Size	Current rating I_N (A)	Interrupting rating	maximum I_{2t} @ 900 V = L/R 40 ms		Watt Losses		Code	Part Number	Pack.
			$I_p = 10 I_N$	$I_p = 50 I_N$	$0.8 I_N$	I_N			
120	50	@ 750 V= 100k A L/R = 100 ms	42500	8500	4.4	8.1	CC 7 Bodk C3 gRC 120 E 50	Y 084776	1 piece
	63		75500	15000	5.7	10.4	CC 7 Bodk C3 gRC 120 E 63	R 085207	
	80		125000	24500	7.3	13.4	CC 7 Bodk C3 gRC 120 E 80	Q 085206	
	100		200000	40000	9.1	16.7	CC 7 Bodk C3 gRC 120 E 100	P 085205	
	125		315000	62500	11.5	21	CC 7 Bodk C3gRC 120 E 125	R 086242	
	160		485000	100000	15	27	CC 7 Bodk C3 gRC 120 E 160	N 085204	
	50	@ 900 V= 100k A L/R = 40 ms	42500	8500	4.4	8.1	CC 7 Bodk C3 gRC 120 Ttc 50	B 220824	
	63		75500	15000	5.7	10.4	CC 7 Bodk C3 gRC 120 Ttc 63	Q 082400	
	80		125000	24500	7.3	13.4	CC 7 Bodk C3 gRC 120 Ttc 80	Z 090435	
	100		200000	40000	9.1	16.7	CC 7 Bodk C3 gRC 120 Ttc 100	R 082401	
	125		315000	62500	11.5	21	CC 7 Bodk C3 gRC 120 Ttc 125	P 085251	
	160		485000	100000	15	27	CC 7 Bodk C3 gRC 120 Ttc 160	R 085253	

The fuse has to be fitted with a 12 EDV adaptor which overlaps the trip indicator : Part # of 12 EDV: L 096012
Microswitch: MC 3E 2-5 Part # : L 091550

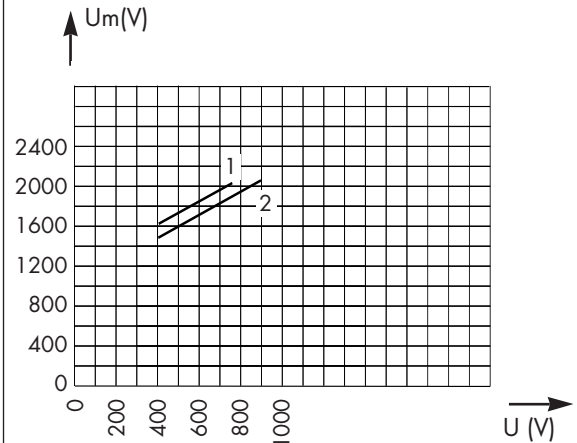
D.C applications data



This curves indicates the maximum permissible value of time constant L/R as a function of the D.C. working voltage

Max. A.C. voltage (50/60 Hz):
1,250 V with interrupting rating of 170 kA

Peak arc voltage vs. working voltage

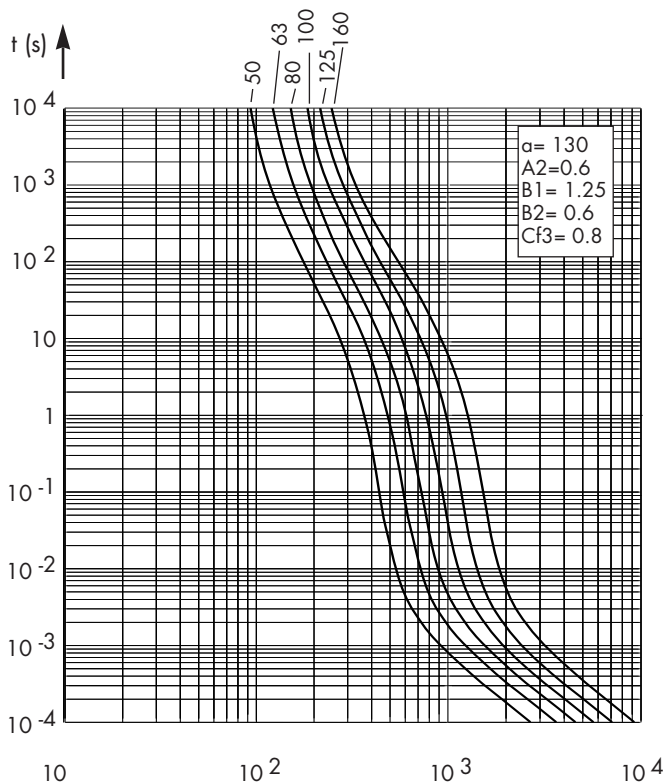


1 : L/R = 100 ms

2 : L/R = 40 ms

These curves indicate for various time constants L/R the peak arc voltage, which may appear across the fuse terminals, vs. D.C. working voltage

Time vs. current characteristics



These curves indicate, for each rated current, the pre-arcing time vs. the R.M.S. pre-arcing current.

± 7% tolerance for the mean pre-arcing current

FERRAZ

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