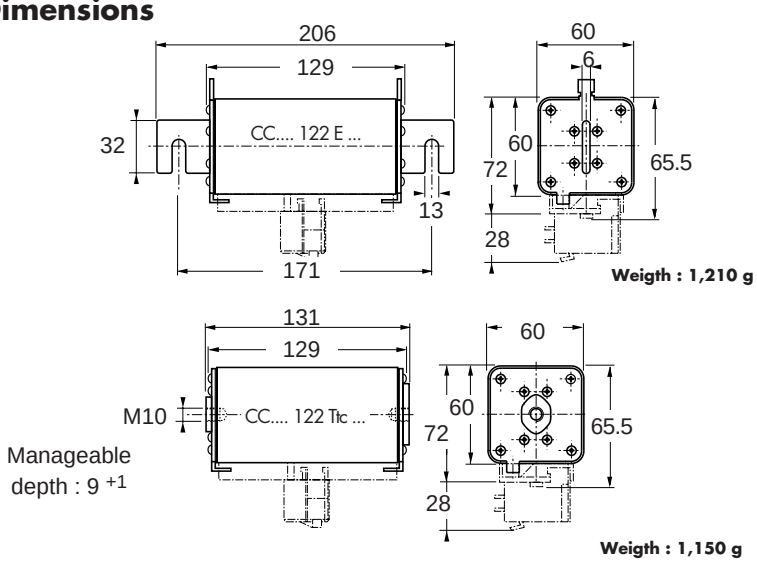
FERRAZ

PROTISTOR ® FUSES

750 V DC
gRC-gRD from 250 to 500 A
Size 122

Dimensions



MAIN CHARACTERISTICS

Size	Current rating I_N(A)	Interrupting rating	maximum I2t @ 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			
122	250	@ 750 V DC 100k A L/R = 100 ms	1.25 10^6	250,000	25.5	46.7	CC 7 Bodk C3 gRC 122 E 250	A 087331	1 piece
	315		2 10^6	400,000	31.5	58	CC 7 Bodk C3 gRC 122 E 315	B 087332	
	350		2.5 10^6	500,000	35	64.5	CC 7 Bodk C3 gRC 122 E 350	W 221141	
	400		3.1 10^6	600,000	40.5	74.5	CC 7 Bodk C3 gRC 122 E 400	L 089388	
	450		4 10^6	800,000	49	90	CC 7 Bodk C3 gRD 122 E 450	P 220951	
	500		6.2 10^6*	1.2 10^6*	52	95	CC 7 Bodk CA gRD 122 E 500	Q 220952	
	250	@ 900 V DC 100k A L/R = 40 ms	1.25 10^6	250,000	25.5	46.7	CC 7 Bodk C3 gRC 122 Ttc 250	B 090437	1 piece
	315		2 10^6	400,000	31.5	58	CC 7 Bodk C3 gRC 122 Ttc 315	M 085249	
	350		2.5 10^6	500,000	35	64.5	CC 7 Bodk C3 gRC 122 Ttc 350	G 220898	
	400		3.1 10^6	600,000	40.5	74.5	CC 7 Bodk C3 gRC 122 Ttc 400	C 090438	
	450		4 10^6	800,000	49	90	CC 7 Bodk C3 gRD 122 Ttc 450	R 220953	
	500		6.2 10^6*	1.2 10^6*	52	95	CC 7 Bodk CA gRD 122 Ttc 500	S 220954	

* Max. I2t @ 800 V=, L/R=40 ms

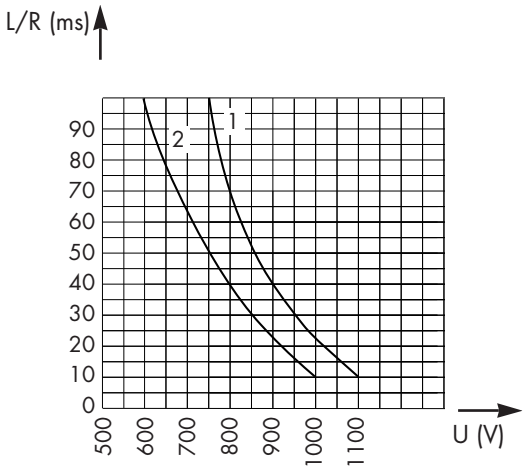
The fuse has to be fitted with a 12 EDV adaptor which overlaps the trip indicator : Part # of 12 EDV: L 096012
Microswitch: MC 3E 2-5 Part # : L 091550

Publication: Y600114-07/95
CP3P2 / 3P 32014 GB
RA 0014 A

GROUPE CARBONE LORRAINE

ELECTRICAL CHARACTERISTICS

D.C applications data

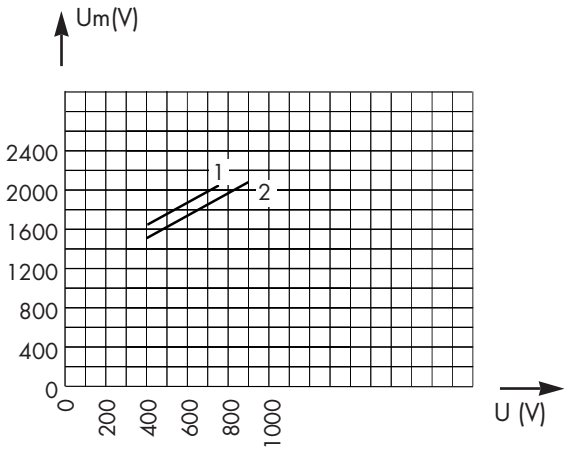


1 : curve gRC - gRD 450A
2 : curve gRD 500A

These curves indicate 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

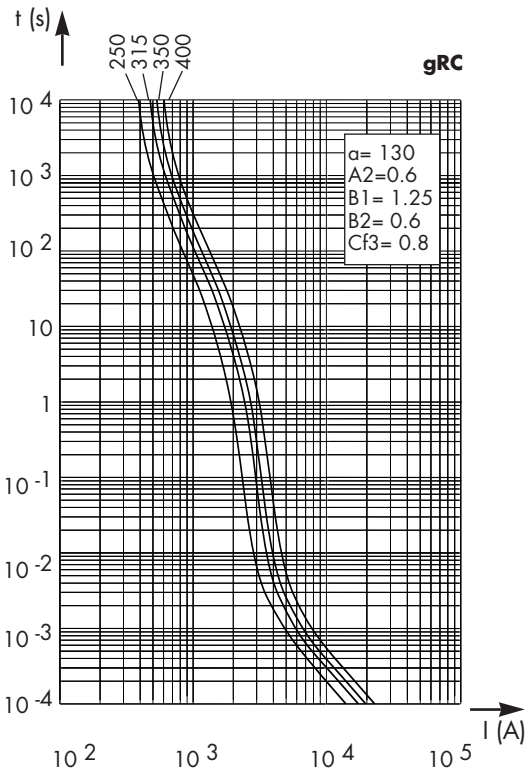
Peak arc voltage vs. working voltage



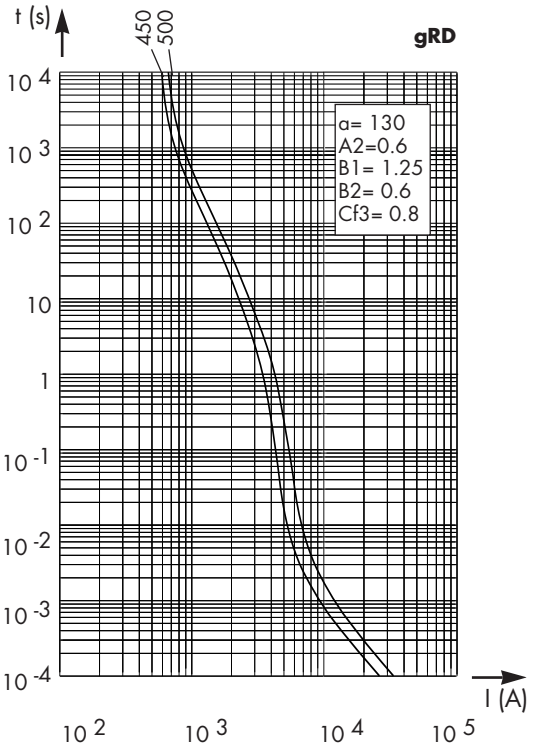
1 : L/R = 100 ms
2 : L/R = 40 ms

These curves indicate for various time constants L/R the peak arc voltage, which may appear accross 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

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N° Identification CEE : FR 429 555 11 217