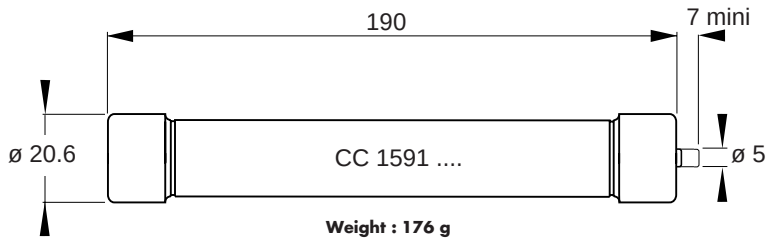
FERRAZ

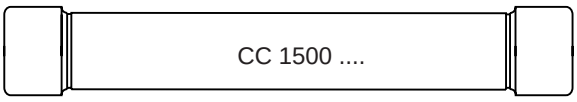
PROTISTOR ® FUSES

1500 V DC
gRC from 6 to 32 A
Size 20 x190

Dimensions



Weight : 176 g



Weight 176 g

Trip force : 4.5N at 0 mm - 2.5N at 7 mm

MAIN CHARACTERISTICS

Size	Current rating I_N (A)	Interrupting rating	Watt losses 0.8 I_N	Watt losses I_N	Code	Part number	Pack.
20 x190	6	@ 1500 V DC 60 kA L/R = 40 ms	4.8	7.8	CC 1591 CP gRC 20x190/6	D 083102	10 pieces
	8		5.3	8.8	CC 1591 CP gRC 20x190/8	V 083738	
	10		6.5	10.5	CC 1591 CP gRC 20x190/10	G 087245	
	12		7.0	11.5	CC 1591 CP gRC 20x190/12	Y 080429	
	16		8.0	13	CC 1591 CP gRC 20x190/16	N 088378	
	20		9.5	15	CC 1591 CP gRC 20x190/20	Q 087345	
	25		12	19.5	CC 1591 CP gRC 20x190/25	Z 080430	
	32		16	26	CC 1591 CP gRC 20x190/32	G 085911	
	6		4.8	7.8	CC 1500 CP gRC 20x190/6	Z 089469	
	8		5.3	8.8	CC 1500 CP gRC 20x190/8	A 089470	
	10		6.5	10.5	CC 1500 CP gRC 20x190/10	B 089471	
	12		7.0	11.5	CC 1500 CP gRC 20x190/12	C 089472	
	16		8.0	13	CC 1500 CP gRC 20x190/16	D 089473	
	20		9.5	15	CC 1500 CP gRC 20x190/20	E 089474	
	25		12	19.5	CC 1500 CP gRC 20x190/25	F 089475	
	32		16	26	CC 1500 CP gRC 20x190/32	G 089476	

Minimum trip voltage : 90 V

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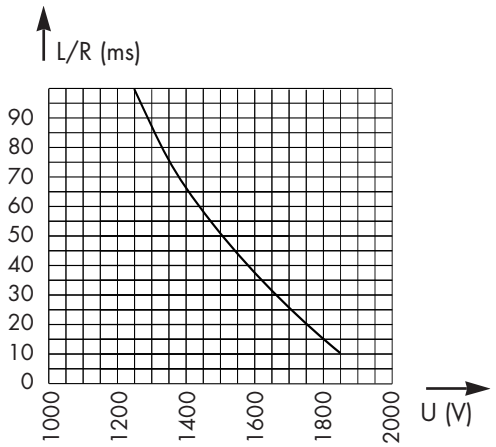
CP3P2 / 3P 32008 GB
RA 0008 A

GROUPE CARBONE LORRAINE

ELECTRICAL CHARACTERISTICS

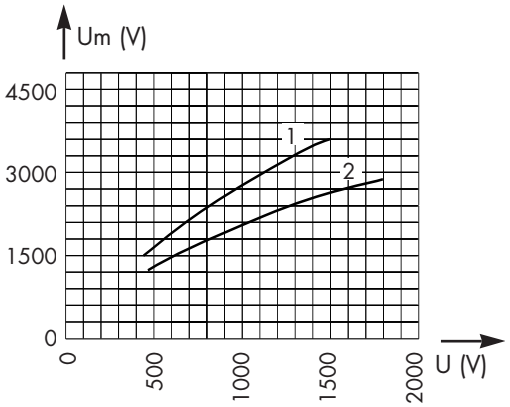
D.C applications data



This curve 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):
3,000 V with interrupting rating of 50 kA

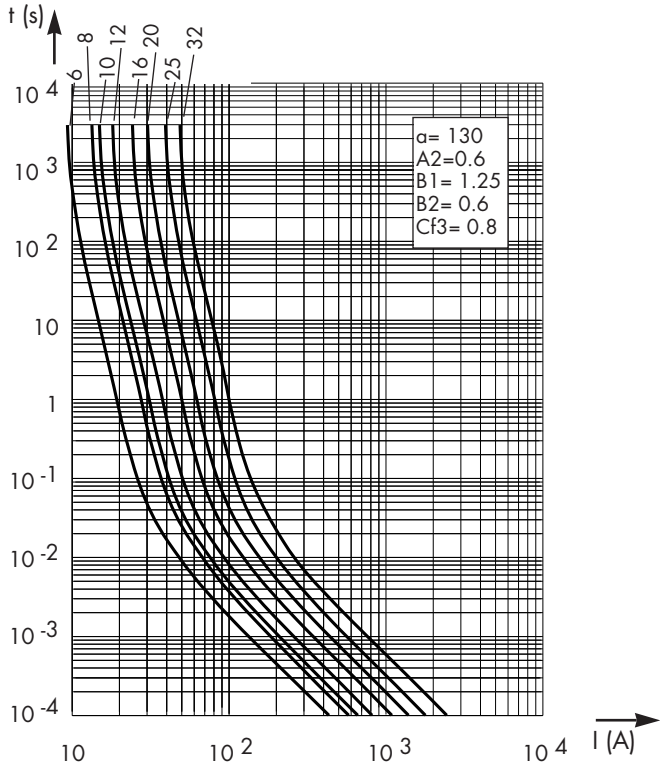
Peak arc voltage vs. working voltage



1- L/R = 45 ms
2- L/R = 15 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



± 7% tolerance for the mean pre-arcing current

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

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FERRAZ

28, rue Saint Philippe
B.P. 3025 - 69391 Lyon Cedex 03-France
Tél. 33 (0)4 72 22 66 11
Fax. 33 (0)4 72 22 67 13

Rue de Vaucanson
69720 Saint-Bonnet de Mure - France
Tél. 33 (0)4 72 22 66 11
Fax. 33 (0)4 72 22 66 12

N° Identification CEE : FR 429 555 11 217