

1500V DC

FERRULE FUSES/SPECIAL PURPOSE



Ratings

Features/Benefits



- **Blown Fuse** indicator striker .8 to 5A
- **20x127** ceramic cylindrical body
- **Full range** D.C. operation

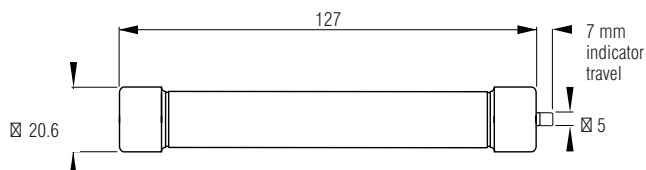
CC 1551 CP gRB

- 0.8 to 5 Amps
- 1000vdc at 100kA
- L/R = 100mSec

CC 1500 CP gRB

- 0.8 to 5 Amps
- 1000vdc 30kA
L/R = 30mSec
- Max AC Voltage
(50/60Hz)
2500V @ 50k A I.R.

➤ Dimensions



Indicator Trip Force: 4.5N (1lb) at 0mm-2.5N (1/2lb) at 7mm (1/4") - when so equipped*

APPLICATIONS DATA

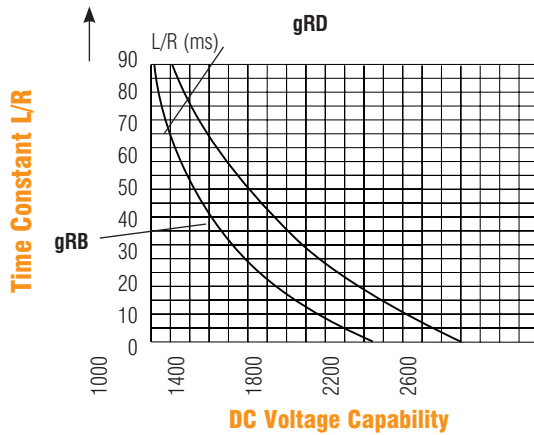
SIZE (mm)	CURRENT RATING I _N (A)	INTERRUPTING RATING	WATTS LOSS		CATALOG NUMBER		REF. NUMBER
			0.8 I _N	I _N	NEW	OLD	
20 x 127	0.8	@ 1000V DC 100kA L/R = 100ms	0.5	0.9	CC 1551 CP gRB 20x127/0.8	D 150 gRB 0.8 VI	E075743
	1		0.5	0.9	CC 1551 CP gRB 20x127/1	D 150 gRB 001 VI	F075744
	1.5		0.8	1.4	CC 1551 CP gRB 20x127/1.5	D 150 gRB 01.5 VI	G075745
	2		0.9	1.6	CC 1551 CP gRB 20x127/2	D 150 gRB 002 VI	B088367
	3.15		1.2	2.1	CC 1551 CP gRB 20x127/3.15	D 150 gRB 3.15 VI	H075746
	4		1.3	2.1	CC 1551 CP gRB 20x127/4	D 150 gRB 004 VI	J075747
	5		1.4	2.3	CC 1551 CP gRB 20x127/5	D 150 gRB 005 VI	C088368
	0.8	@ 1500V DC 30kA L/R = 30ms	0.5	0.9	CC 1500 CP gRB 20x127/0.8	D 150 gRB 0.8 V	J081842
	1		0.5	0.9	CC 1500 CP gRB 20x127/1	D 150 gRB 001 V	R079894
	1.5		0.8	1.4	CC 1500 CP gRB 20x127/1.5	D 150 gRB 01.5 V	K081843
	2		0.9	1.6	CC 1500 CP gRB 20x127/2	D 150 gRB 002 V	Y099243
	3.15		1.2	2.1	CC 1500 CP gRB 20x127/3.15	D 150 gRB 3.15 V	L081844
	4		1.3	2.1	CC 1500 CP gRB 20x127/4	D 150 gRB 004 V	Z099244
	5		1.4	2.3	CC 1500 CP gRB 20x127/5	D 150 gRB 005 V	A099245
	6	@ 1500V DC 30kA L/R = 55ms	3.4	6.3	CC 1500 CP gRD 20x127/6	D 150 gRB 006 V	E082804
	8		3.3	6.0	CC 1500 CP gRD 20x127/8	D 150 gRB 008 V	Z080867
	10		3.5	6.1	CC 1500 CP gRD 20x127/10	D 150 gRB 010 V	F081655
	12		3.9	6.8	CC 1500 CP gRD 20x127/12	D 150 gRB 012 V	B080593
	16		5	8.9	CC 1500 CP gRD 20x127/16	D 150 gRB 016 V	Q081457
	20		5.3	9.6	CC 1500 CP gRD 20x127/20	D 150 gRB 020 V	D082803
	25		6.6	12	CC 1500 CP gRD 20x127/25	D 150 gRB 025 V	A080431

*Blown fuse indicator minimum trip voltage: 50V

1500V DC

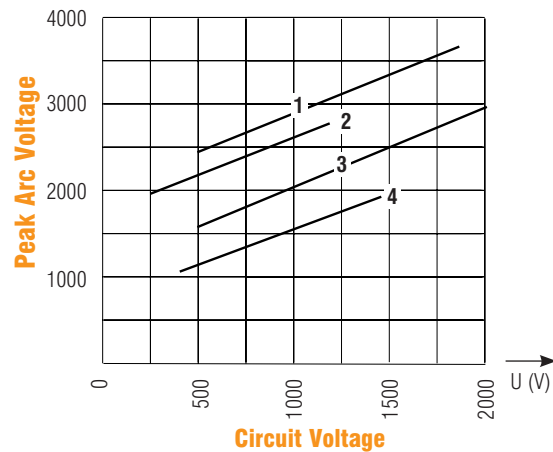
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DC Voltage Capability vs. Time Constant



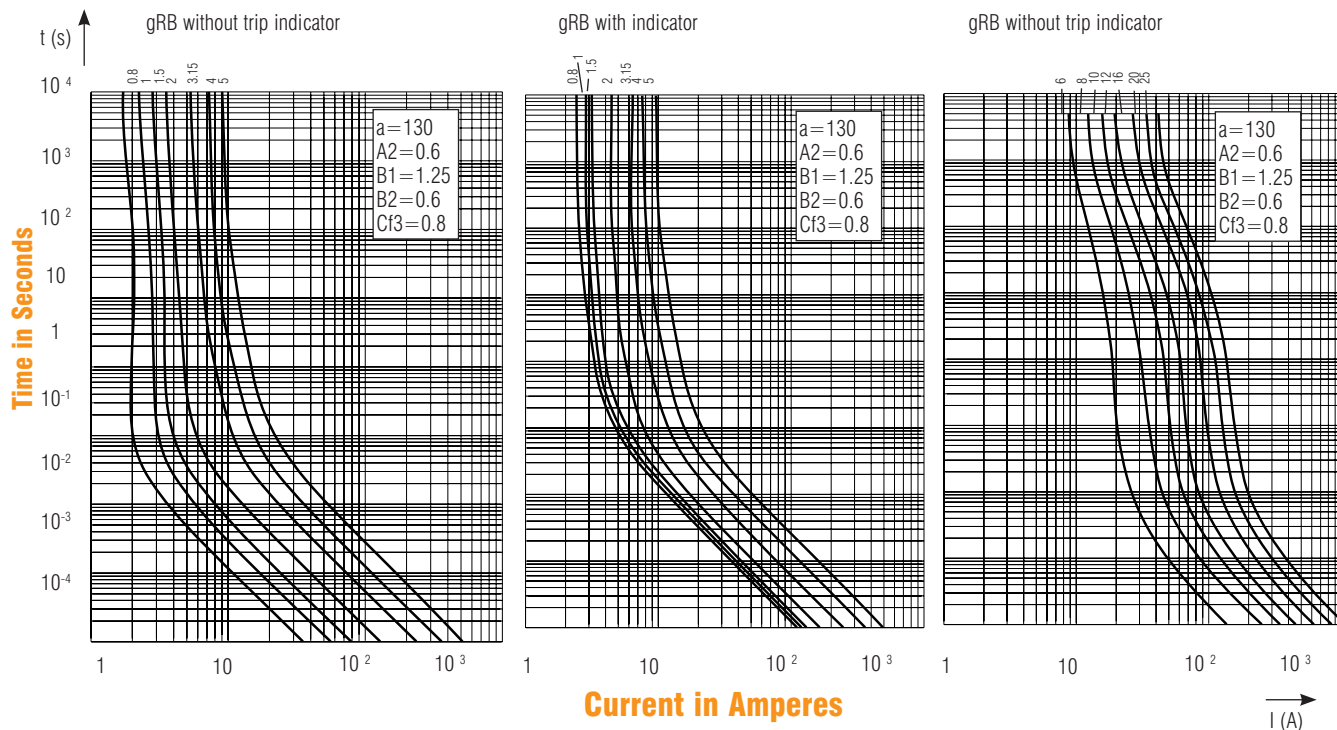
Above: Curves indicate maximum permissible value of time constant L/R as a function of DC working voltage.

Peak Arc Voltage vs. Working Voltage



Curve 1: gRD @ $L/R = 30ms$
 Curve 2: gRB @ $L/R = 60ms$
 Curve 3: gRD @ $L/R = 15ms$
 Curve 4: gRB @ $L/R = 30ms$

Melting Time-Current Data



Above: Curves indicate, for each rated current, pre-arcing (melting) time vs. R.M.S. pre-arcing (melting) current.
 $\pm 9\%$ tolerance for mean pre-arcing (melting) current