

Protistor® size 20x127 gR (gRB/C/D) 1000 to 1500VDC

IEC High-Speed Cylindrical Fuse-Links DC Protection

SPECIAL PURPOSE

SEMICONDUCTOR PROTECTION FUSES



RATINGS:

- **Volts:** 1000VDC
- **Amps:** 6 to 63A
- **IR:** 100kA I.R.
- **L/R:** 20mSec
- Max. AC Voltage (50/60Hz) 1500V@100kA I.R.

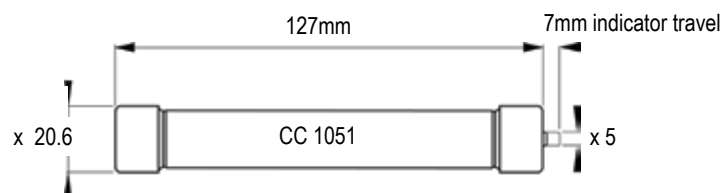
CATALOG NUMBERS, RATINGS

Size (Mm)	Current Rating I _N (A)	Interrupting Rating	Watts Loss		Catalog Number		Ref. No.
			0.8 I _N	I _N	New	Old	
20 x 127	6	@ 1000V DC 100kA L/R = 20ms	2.0	3.5	CC 1051 CP gRB 20x127/6	D 100 gRB 006 VI	Z088020
	8		2.2	3.8	CC 1051 CP gRB 20x127/8	D 100 gRB 008 VI	T088774
	10		2.4	4.2	CC 1051 CP gRB 20x127/10	D 100 gRB 010 VI	A089493
	12		3.0	5.3	CC 1051 CP gRB 20x127/12	D 100 gRB 012 VI	B089494
	16		3.7	6.6	CC 1051 CP gRB 20x127/16	D 100 gRB 016 VI	C089495
	20		4.4	7.7	CC 1051 CP gRB 20x127/20	D 100 gRB 020 VI	D089496
	25		5.1	9	CC 1051 CP gRB 20x127/25	D 100 gRB 025 VI	E089497
	32		6.0	10.5	CC 1051 CP gRB 20x127/32	D 100 gRB 032 VI	F089498
	40		7.3	13.2	CC 1051 CP gRC 20x127/40	D 100 gRB 040 VI	S086795
	50		8.5	15.5	CC 1051 CP gRC 20x127/50	D 100 gRB 050 VI	F086186
	63		9.6	17.4	CC 1051 CP gRC 20x127/63	D 100 gRB 063 VI	F083656

Blown fuse indicator minimum trip voltage: 50 V

•Use R.M.S. current less than 56 A when mounting in fuse holder.

DIMENSIONS



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

FEATURES/BENEFITS:

- Full range DC operation
- 20x127mm ceramic cylindrical body
- Blown-fuse indicator striker

APPROVALS:

- UL recognized component File E76491



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SPECIAL PURPOSE

SEMICONDUCTOR PROTECTION FUSES



RATINGS:

CC 1551 CP gRB

- **Volts:** 1500VDC
- **Amps:** 0.8 to 5A
- **IR:** 100kA I.R. DC
- **L/R:** 100mSec

CC 1500 CP gRB

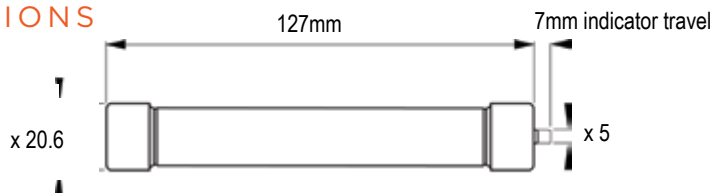
- **Volts:** 1500VDC
- **Amps:** 0.8 to 25 Amps
- **IR:** 30kA I.R. DC
- **L/R:** 30mSec (.8 to 5A)
- **L/R:** 55mSec (6 to 25A)
- Max AC Voltage (50/60Hz)
2500@50k A.I.R.

CATALOG NUMBERS, RATINGS

Size (mm)	Current Rating I _n (A)	Interrupting Rating	Watts Loss		Catalog Number		Ref. No.
			0.8 I _N	I _N	New	Old	
20 x 127	0.8	@ 1500V DC 30kA L/R = 30ms	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	@ 1500V DC 100kA L/R = 3.4ms	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		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	@ 1000V DC 100kA L/R = 100ms	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		3.4	6.3	CC 1500 CP gRD 20x127/6	D 150 gRB 006 V	E082804
	8	@ 1500V DC 30kA L/R = 55ms	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: 50 V

DIMENSIONS



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

FEATURES/BENEFITS:

- Blown fuse indicator striker .8 to 5A
- 20x127mm ceramic cylindrical body
- Full range DC operation