1000 V DC
gRB-gRC from 25 to 100 A
Size 36x127

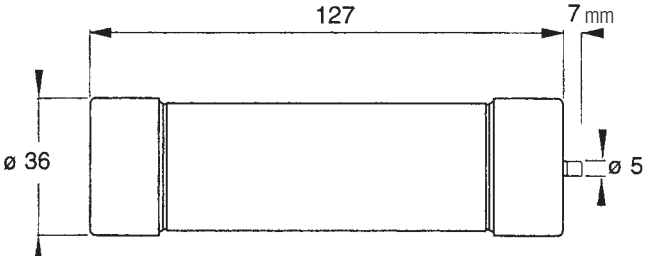
Ratings

- 25 to 100 Amps
- 1000VDC at 100kA I.R. L/R=20mSec
- Max AC Voltage (50/60Hz) 1500V @100k A I.R.

Features/Benefits

- **Full Range** D.C. operation
- **36x127mm** ceramic cylindrical body
- **Blown Fuse** indicator striker

Dimensions



Trip force: 4.5N (1lb) at 0 mm - 2.5N (1/2) at 7 mm

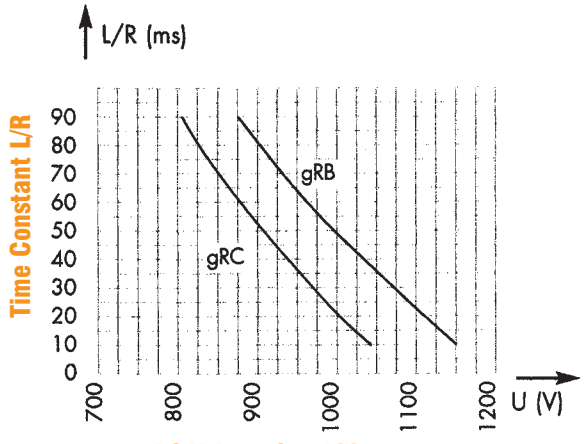
MAIN CHARACTERISTICS

SIZE	CURRENT RATING I_N(A)	INTERRUPTING RATING	WATTS LOSS		CATALOG NUMBER	REF. NUMBER
			0.8I_N	I_N		
36 x 127	25	@ 1000 VDC 100kA L/R = 20 ms	5.3	9.4	CC 1051 CP gRB 36x127/25	H 083980
	32		6.4	11.5	CC 1051 CP gRB 36x127/32	R 086495
	40		6.5	11.6	CC 1051 CP gRB 36x127/40	G 089499
	50		8.7	15.4	CC 1051 CP gRB 36x127/50	H 089500
	63		10.5	18.8	CC 1051 CP gRC 36x127/63	J 089501
	80		11.9	21.5	CC 1051 CP gRC 36x127/80	A 083651
	100		13.2	24.1	CC 1051 CP gRC 36x127/100	Z 083650

Blown fuse indicator minimum trip voltage: 50 V

ELECTRICAL CHARACTERISTICS

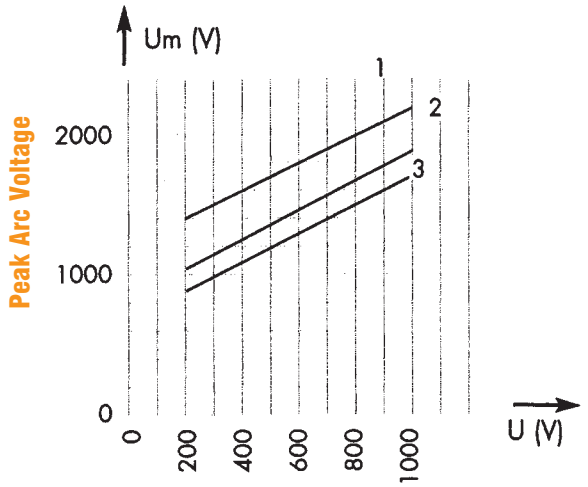
DC Voltage Capabilities vs. Time Constant



DC Voltage Capability

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

Peak Arc Voltage vs. Working Voltage

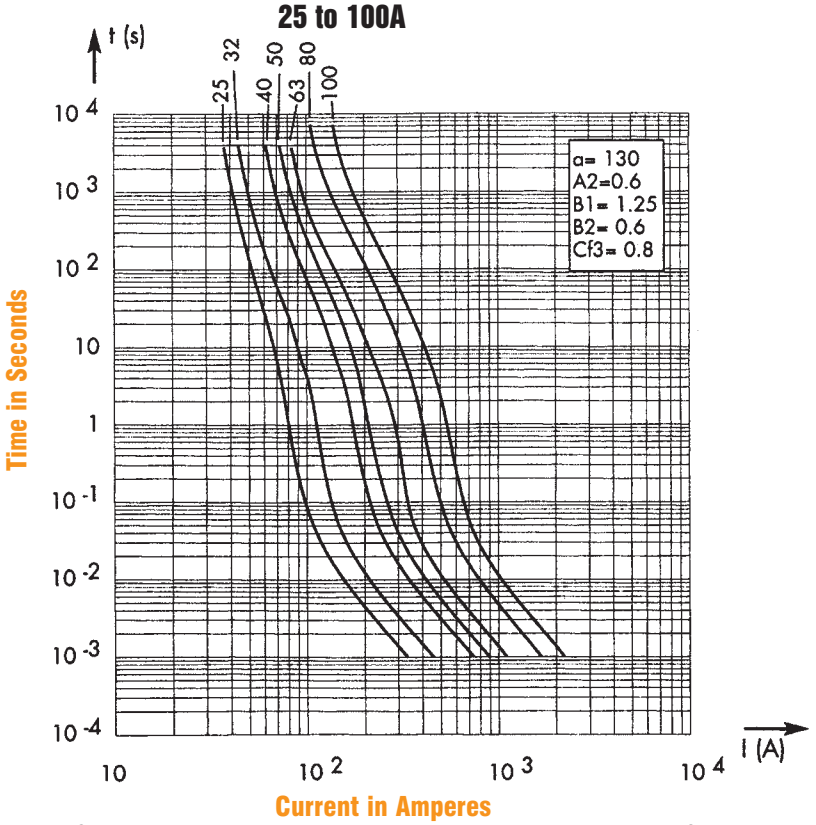


Circuit Voltage

1- L/R = 50 ms
2- L/R = 25 ms
3- L/R = 15 ms

G

Time vs. Current Characteristics



Current in Amperes

± 7% tolerance for mean pre-arcing (melting) current

Above Curves indicate, for each rated current, pre-arcing time vs. R.M.S pre-arcing (melting) current