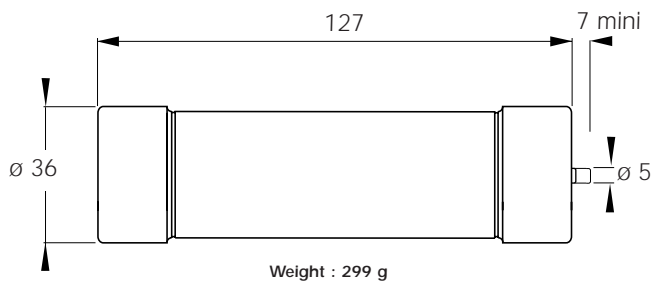


## DC Ferrule Fuses 36x127 gR 1000V DC

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

### Dimensions



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



### Main Characteristics

Size	Current rating $I_N$ (A)	Breaking Capacity	Watts loss		Designation	Reference Number	Catalog Number
			0.8 $I_N$ (W)	$I_N$ (W)			
36x127	25	1000 V	5.3	9.4	CC 1051 CP gRB 36x127/25	H 083980	FD36GB100V25T
	32	100 kA	6.4	11.5	CC 1051 CP gRB 36x127/32	R 086495	FD36GB100V32T
	40	20 ms	6.5	11.6	CC 1051 CP gRB 36x127/40	G 089499	FD36GB100V40T
	50		8.7	15.4	CC 1051 CP gRB 36x127/50	H 089500	FD36GB100V50T
	63	1000 V	10.5	18.8	CC 1051 CP gRC 36x127/63	J 089501	FD36GC100V63T
	80	100 kA	11.9	21.5	CC 1051 CP gRC 36x127/80	A 083651	FD36GC100V80T
	100	20 ms	13.2	24.1	CC 1051 CP gRC 36x127/100	Z 083650	FD36GC100V100T

Minimum trip indicator operating voltage: 50 V

See Fuse Blocks, Fuse Holders and Fuse clips

Pack: 3 pieces





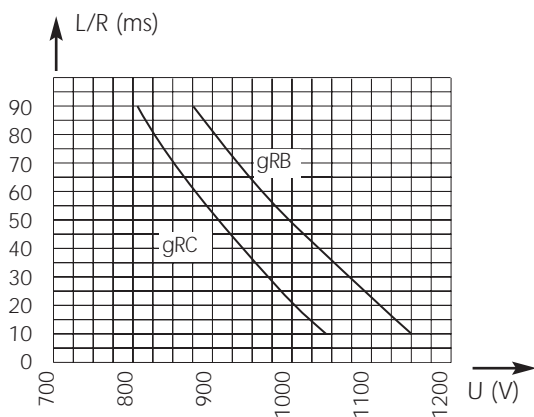
## DC Ferrule Fuses 36x127 gR 1000V DC



gRB-gRC from 25 to 100 A

### Electrical characteristics

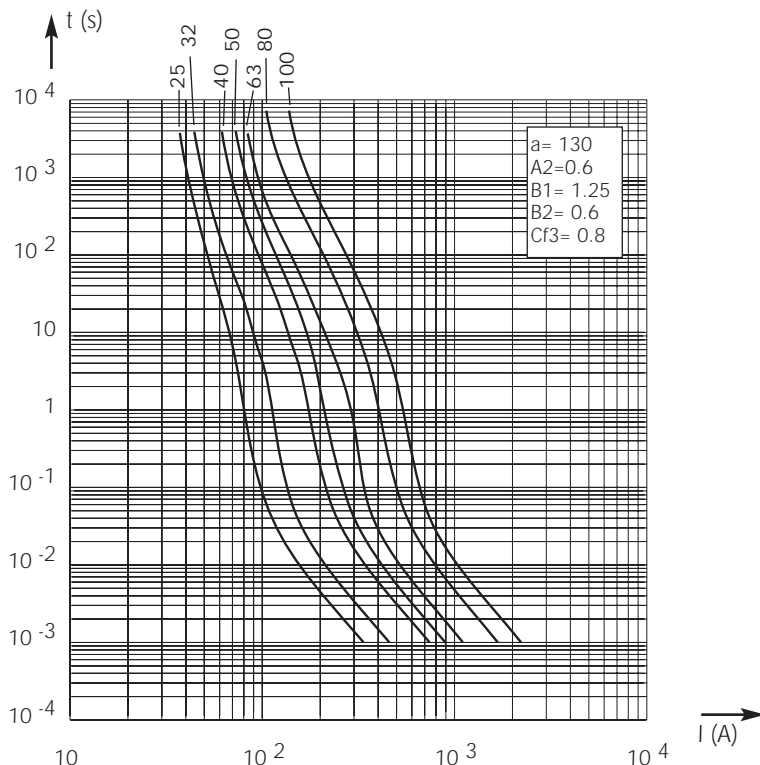
#### DC applications data



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

**Max. AC voltage (50/60 Hz):**  
1500 V with breaking capacity of 100 kA

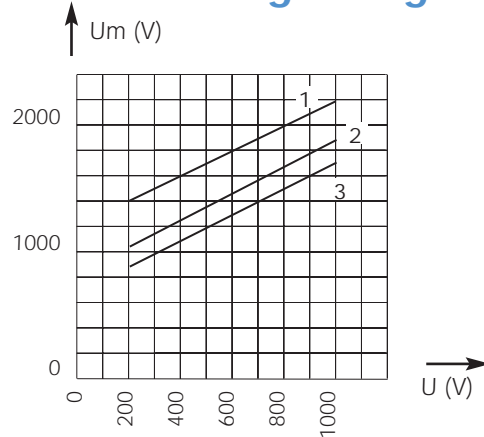
#### Time vs. current characteristics



$\pm 7\%$  tolerance for mean pre-arcing current

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

#### Peak arc voltage vs. working voltage



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

Above: Curves indicate for various time constants  $L/R$  the peak arc voltage which may appear across fuse terminals, vs. DC working voltage