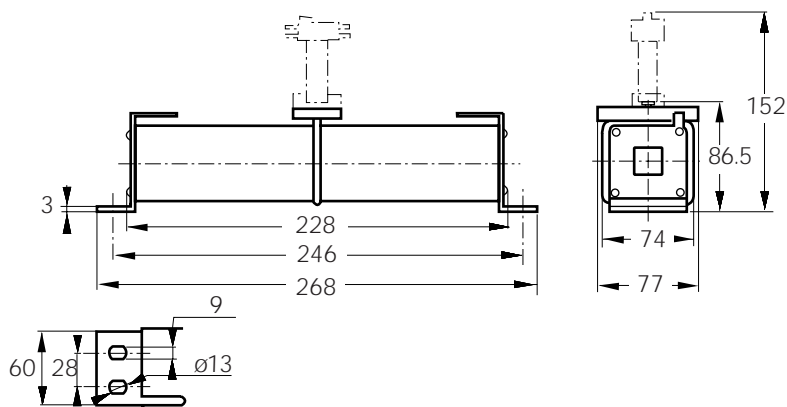


# Protistor DC fuses

## DC Square-body Fuses Sizes 300 - 302 - 2x302 gR Brackets size 302 - 2000V DC

gRC-gRE from 100 to 280 A

### Dimensions



Weight: 2200 g



### Main Characteristics

Size	Current rating $I_N$ (A)	Breaking Capacity	Watts loss		Designation	Ref. Number	Catalog Number
			$0.8 I_N$ (W)	$I_N$ (W)			
	100	@ 2000 V DC	30	58.5	CC 20 gRC 302 QF 0100	N086929	D302GC20C100QF
	125	30 kA	37	72	CC 20 gRC 302 QF 0125	P086930	D302GC20C125QF
	160	L/R = 30 ms	47.5	93	CC 20 gRC 302 QF 0160	Q086931	D302GC20C160QF
302	160	@ 2000 V DC	42	70	CC 20 gRE 302 QF 0160	S075755	D302GE20C160QF
	200	30 kA	48	80	CC 20 gRE 302 QF 0200	T075756	D302GE20C200QF
	250	L/R = 14 ms	57	95	CC 20 gRE 302 QF 0250	V075757	D302GE20C250QF
	280	@ 1800 V DC	60	100	CC 20 gRE 302 QF 0280	W075758	D302GE20C280QF
		100 kA					
		L/R = 20 ms					

Microswitch MC 2R 3E 1-5N BS Reference number: J310025



Shah & Shah Enterprise

[www.shahent.co.in](http://www.shahent.co.in)

# Protistor DC fuses

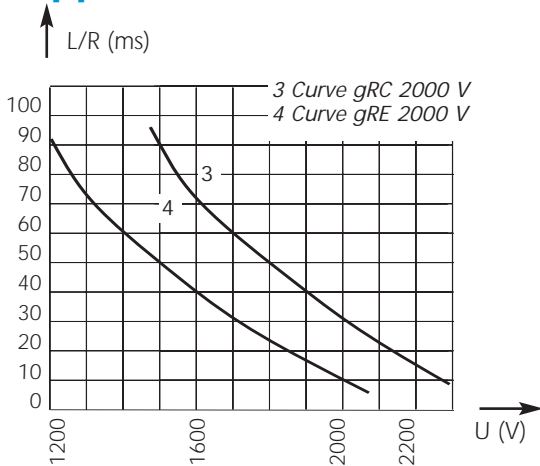
DC Square-body Fuses  
 Sizes 300 - 302 - 2x302  
 gR Brackets size 302 - 2000V DC



gRC-gRE from 100 to 280 A

## Electrical characteristics

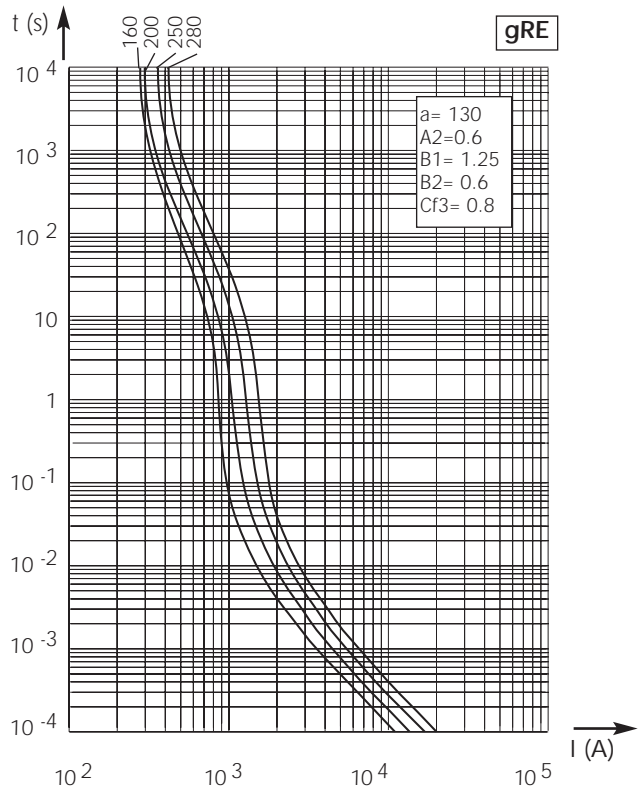
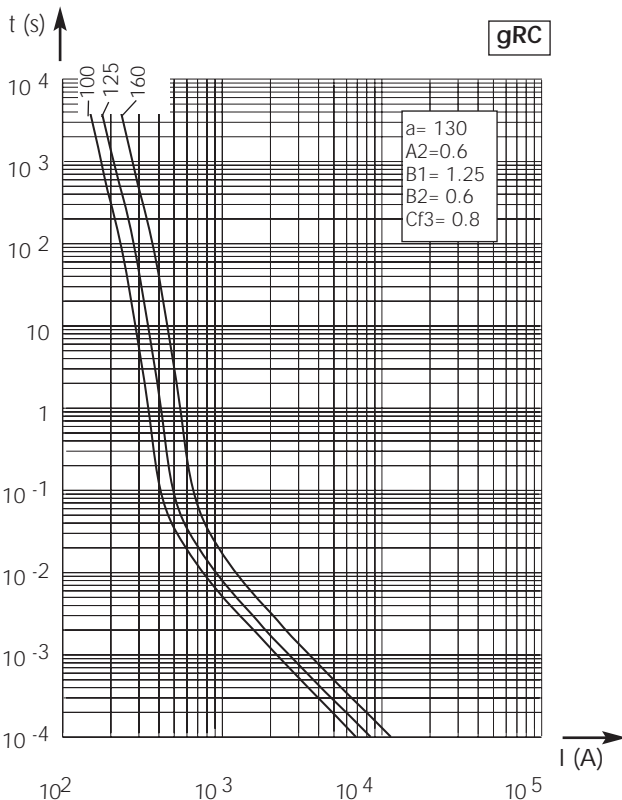
### DC applications data



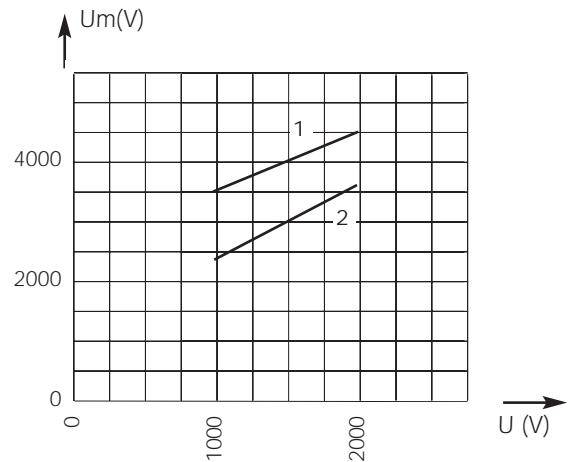
Above: Curves indicate maximum permissible value of time constant L/R as a function of DC working voltage

Max. AC voltage (50/60 Hz):  
 1700 V with breaking capacity of 80 kA

### Time vs. current characteristics



### Peak arc voltage vs. working voltage



1 Curve gRC : L/R = 30 ms  
 2 Curve gRE : L/R = 15 ms

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

±10% tolerance for mean pre-arcing current