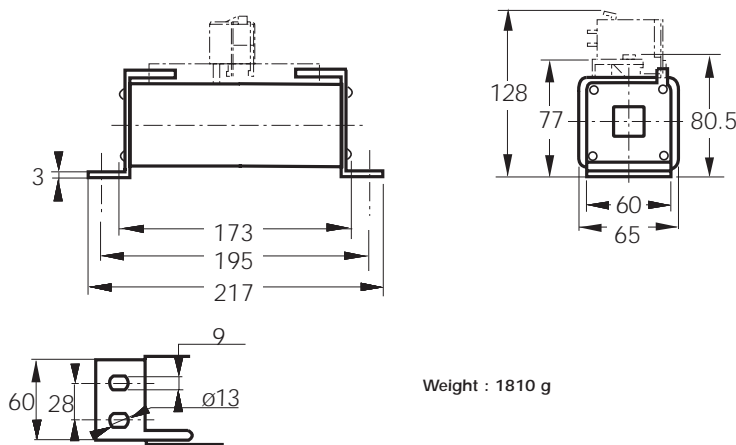


## DC Square-body Fuses Sizes 120- 122 - 2x122 SR 2000V DC

Size 122  
SRD from 160 to 400 A

### Dimensions



Weight : 1810 g



### Main Characteristics

Size	Current rating $I_N$ (A)	Breaking capacity	Watts loss		Max. $I^2t$ @ 1600 V		Designation	Ref. Number	Catalog Number
			0.8 $I_N$ (W)	$I_N$ (W)	L/R = 15 ms (A <sup>2</sup> S)	L/R = 45 ms (A <sup>2</sup> S)			
122	60	@ 1800 V DC 100 kA	52.5	100	15000	25000	CC 20 SRD 122 QF 0160	D076639	D122SD20C160QF
	200	L/R = 30 ms	61.5	118	26000	44000	CC 20 SRD 122 QF 0200	X079462	D122SD20C200QF
	250	@ 2000 V	69	131	50000	87000	CC 20 SRD 122 QF 0250	Y079463	D122SD20C250QF
	315	DC	74	150	117000	200000	CC 20 SRD 122 QF 0315	Z079464	D122SD20C315QF
	400	100k A	87	175	219000	380000	CC 20 SRD 122 QF 0400	A079465	D122SD20C400QF
			L/R = 15 ms						

Microswitch: MCR 3E 1-5N BS Ref. Number : G310023

Pack: 1 piece

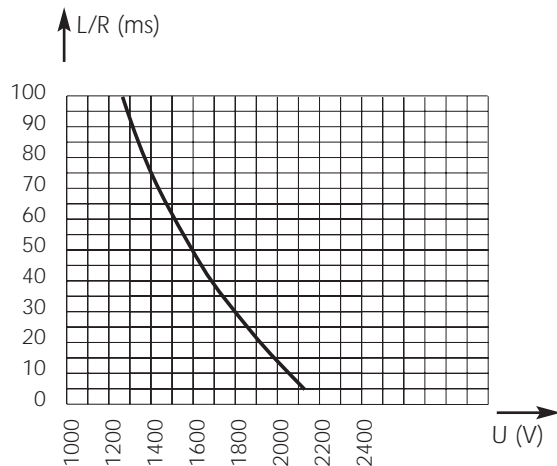


## DC Square-body Fuses Sizes 120- 122 - 2x122 SR 2000V DC

Size 122  
SRD from 160 to 400 A

### Electrical characteristics

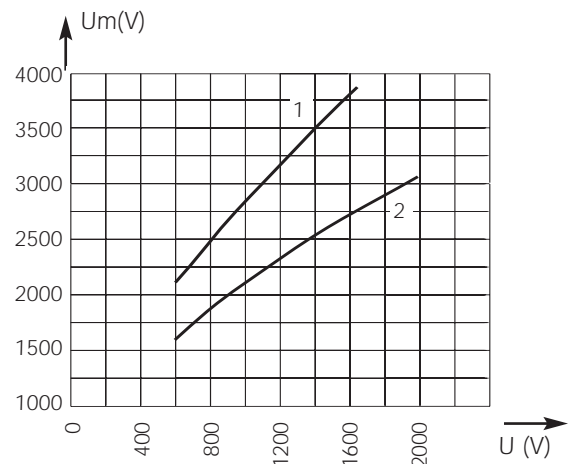
#### DC applications data



Above: Curve indicates 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

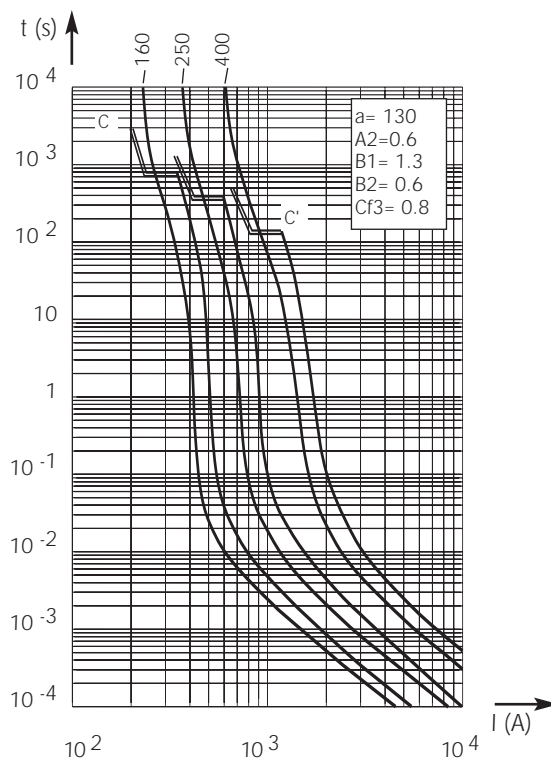
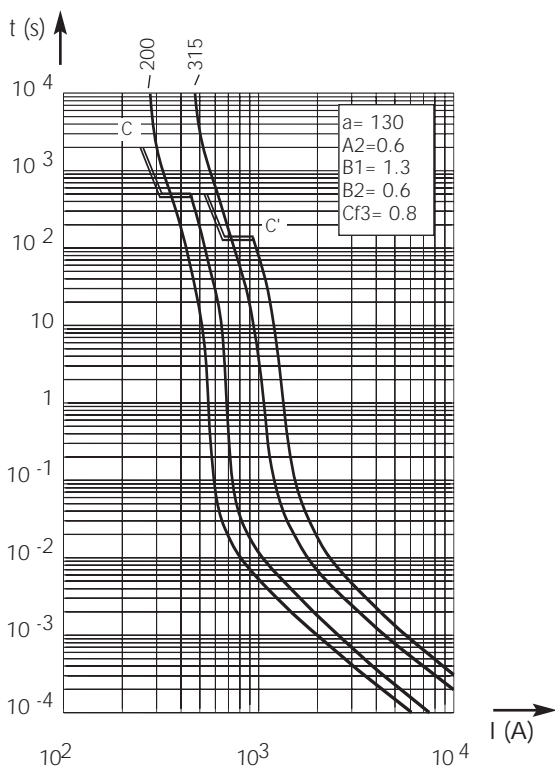
#### Peak arc voltage vs. working voltage



1 :  $L/R = 45$  ms  
2 :  $L/R = 15$  ms

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

#### Time vs. current characteristics

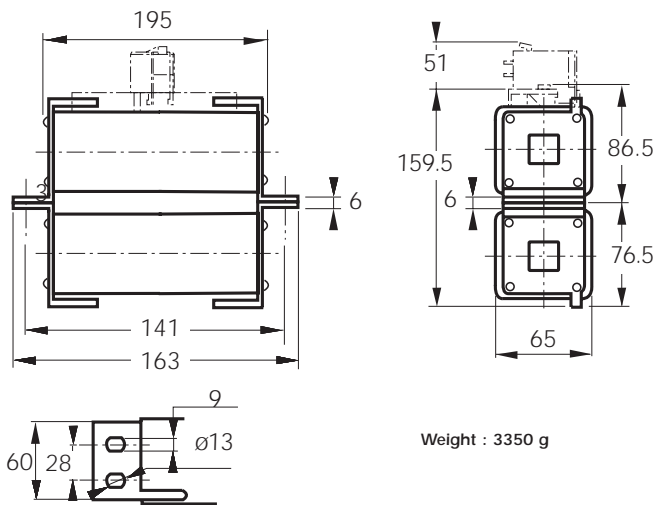


Above, left and right: Curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current.

## DC Square-body Fuses Sizes 120- 122 - 2x122 SR 2000V DC

Size 2x122  
SRD from 500 to 800 A

### Dimensions



### Main Characteristics

Size	Current rating $I_N$ (A)	Breaking capacity	Watts loss		Max. $I^2t$ @ 1600 V		Designation	Ref. Number	Catalog Number
			0.8 $I_N$ (W)	$I_N$ (W)	L/R = 15 ms (A <sup>2</sup> S)	L/R = 45 ms (A <sup>2</sup> S)			
2x122	500	@ 1800 V DC 100 kA	145	274	200000	348000	CC 20 SRD 2122 QF 500	E076640	D2122SD20C500QF
	630	L/R = 30 ms @ 2000 V DC	155	314	468000	800000	CC 20 SRD 2122 QF 630	F076641	D2122SD20C630QF
	800	100k A L/R = 15 ms	182	367	876000	1.520000	CC 20 SRD 2122 QF 800	V096066	D2122SD20C800QF

Microswitch: MCR 3E 1-5N BS Ref. Number : G310023

Pack: 1 piece

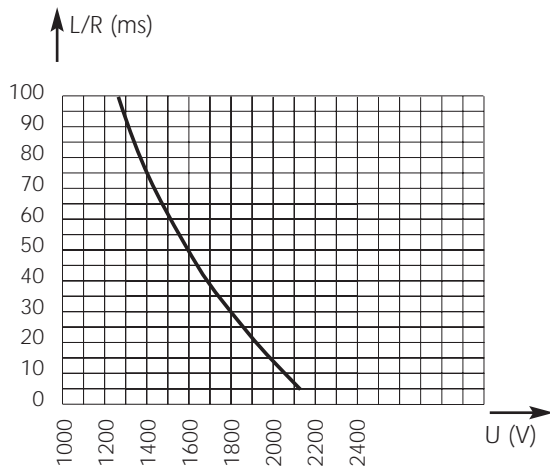


## DC Square-body Fuses Sizes 120- 122 - 2x122 SR 2000V DC

Size 2x122  
SRD from 500 to 800 A

### Electrical characteristics

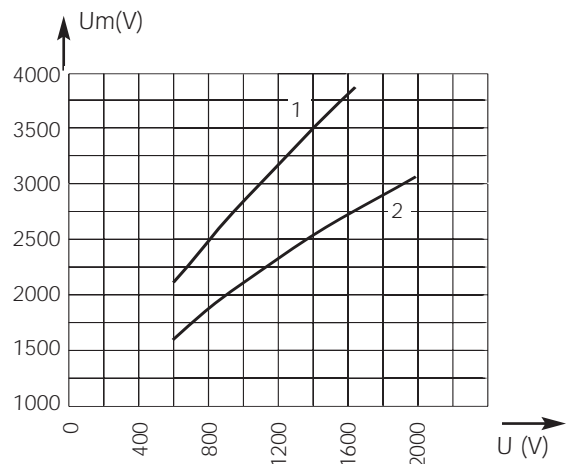
#### DC applications data



Above: Curve indicates 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

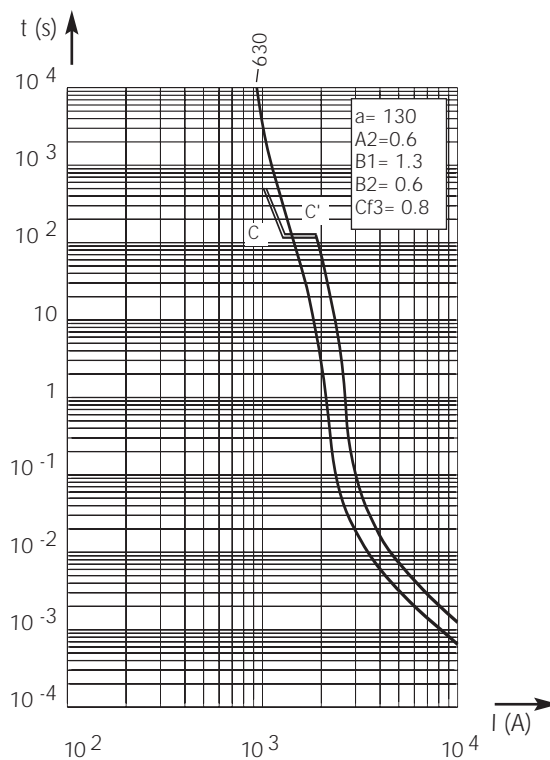
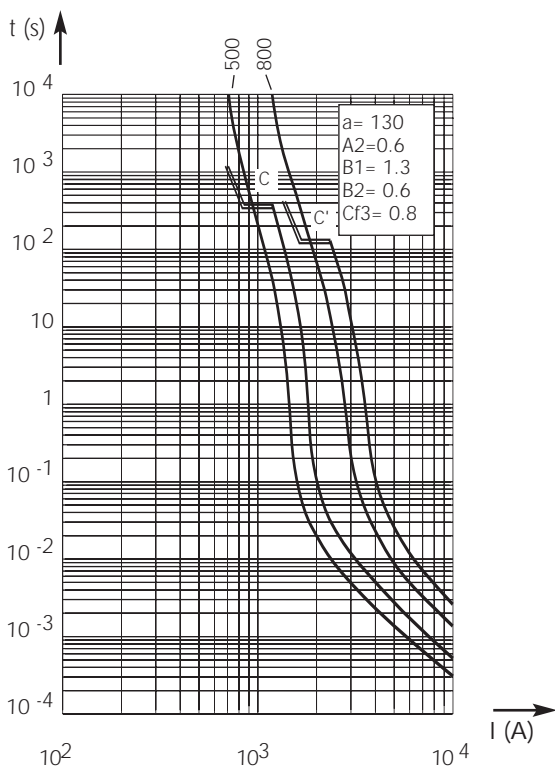
#### Peak arc voltage vs. working voltage



1 : L/R = 45 ms  
2 : 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

#### Time vs. current characteristics



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