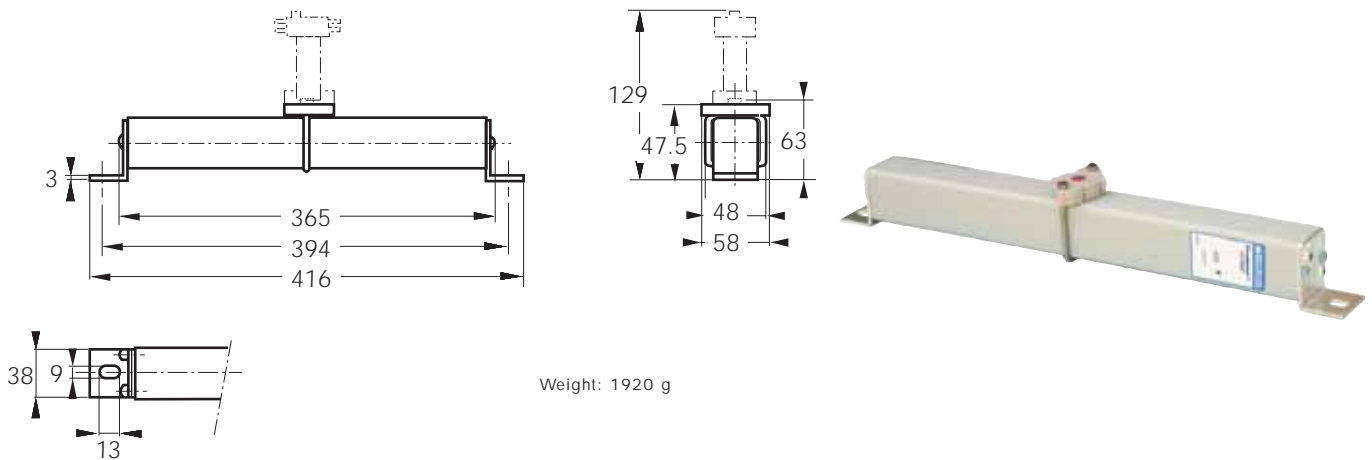


DC Square-body Fuses Sizes 600 - 602 - 2x602 SR Brackets size 600 - 3500 to 4200 V DC

4000-4200 V DC
 SRE from 40 to 150 A

Dimensions



Main Characteristics

| Size | Current rating I_N (A) | Breaking Capacity | Watts loss | | Max. I^2t @ 3500 V | | Designation | Ref. Number | Catalog Number | |
|------|-----------------------------|----------------------|------------------|--------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------|----------------|----------------|
| | | | 0.8 I_N (W) | I_N (W) | L/R = 15 ms (A ² S) | L/R = 45 ms (A ² S) | | | | |
| 600 | 40 | @ 4000 V DC | 50 | 100 | 480 | 850 | CC 42 SRE 600 QF 0040 | C079490 | D600SE42C40QF | |
| | | 60 kA L/R = 25 ms | | | | | | | | |
| | 50 | @ 4200 V DC | 60 kA | 52 | 103 | 1050 | 800 | CC 42 SRE 600 QF 0050 | D079491 | D600SE42C50QF |
| | | | 63 | 57 | 114 | 2100 | 3500 | CC 42 SRE 600 QF 0063 | E079492 | D600SE42C63QF |
| | | | 80 | 65 | 128 | 3500 | 6000 | CC 42 SRE 600 QF 0080 | F079493 | D600SE42C80QF |
| | | | 100 | 70 | 140 | 8000 | 13500 | CC 42 SRE 600 QF 0100 | G079494 | D600SE42C100QF |
| | | | 125 | 75 | 147 | 16500 | 28000 | CC 42 SRE 600 QF 0125 | H079495 | D600SE42C125QF |
| | | | 150 | 78 | 155 | 31000 | 55000 | CC 42 SRE 600 QF 0150 | V079667 | D600SE42C150QF |

Microswitch MC 2R 1-5NBS Ref. Number: J310025

Pack: 1 piece



DC Square-body Fuses

Sizes 600 - 602 - 2x602

SR Brackets size 600 - 3500 to 4200 V DC

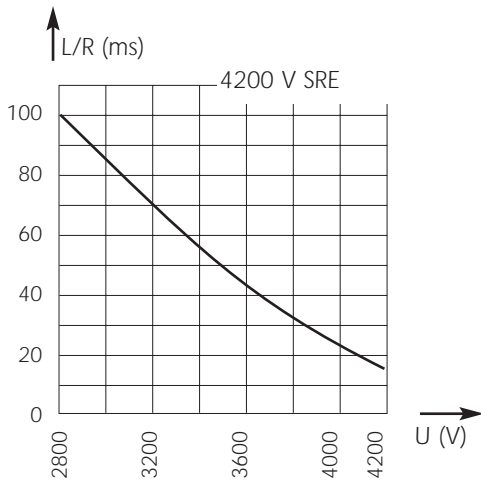


4000-4200 V DC

SRE from 40 to 150 A

Electrical characteristics

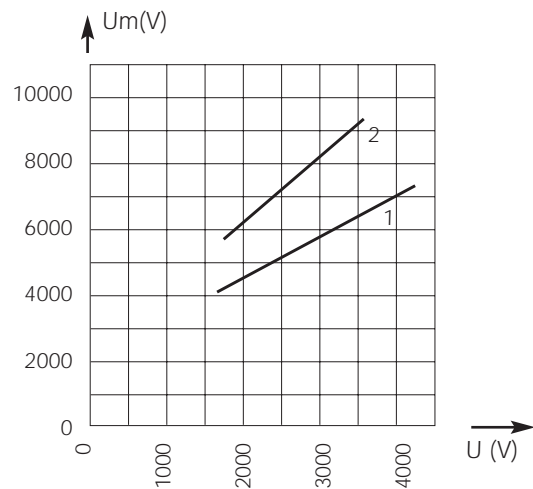
DC applications data



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

Max. AC voltage (50/60 Hz):
3800 V with breaking capacity of 50 kA

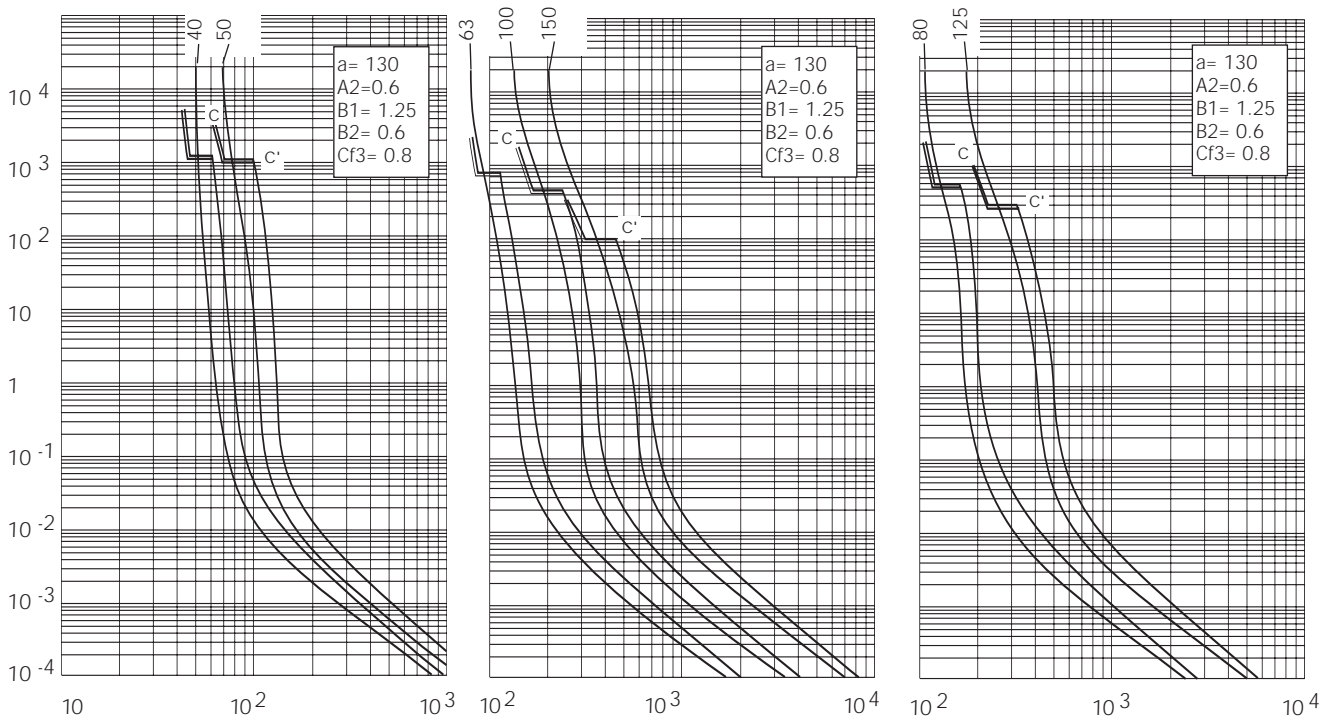
Peak arc voltage vs. working voltage



1 : $L/R = 15 \text{ ms}$ 4200 V SRE
2 : $L/R = 45 \text{ ms}$ 4200 V SRE

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