



600 V - 660 V AC
URGD - from 63 up to 250A
Size: 27x60

EXTREMELY HIGH INTERRUPTING RATING FUSES:
PROTECTION OF POWER SEMI CONDUCTORS ACCORDING
TO 269.1 AND 4 IEC STANDARD

600 V - 660 V AC VOLTAGE RATING

aR- CLASS ACCORDING TO VDE 636-23 AND IEC 269.4

MODEL ACCORDING TO NF C 63210 AND 63211
WITH BUILT-IN BLOWN FUSE INDICATION



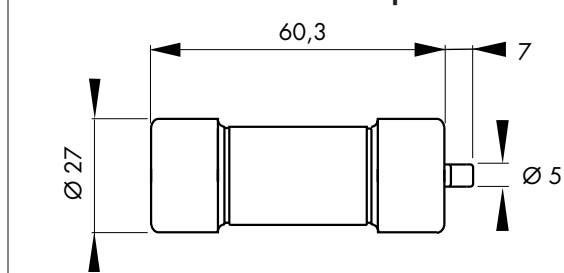
MAIN CHARACTERISTICS

Voltage rating U_N (VAC)	Class	Current rating I_N (A)	pre-arcing $I^2_t @ 1 \text{ ms}$ I^2_{tp} (A ² s)	Total clearing $I^2_t @ U_N$ I^2_{tf} (A ² s)	Watt losses		Tested interrupting rating
					$0.8 I_N$	I_N	
660 V	URGD	63	405	1840	12	22	200 kA @ 660 V
		80	860	3750	13.5	24.6	
		100	1620	6800	15	27	
		125	3425	13600	16	29.5	
		160	6480	24600	17	32.5	
		200	13700	61500	18.5	35.7	
600 V	URGD	250	29600	107000	21	40	200 kA @ 600 V

Minimum operating voltage for trip-indicator: 20 V

PART #s

27x60 - With blown fuse trip-indicator

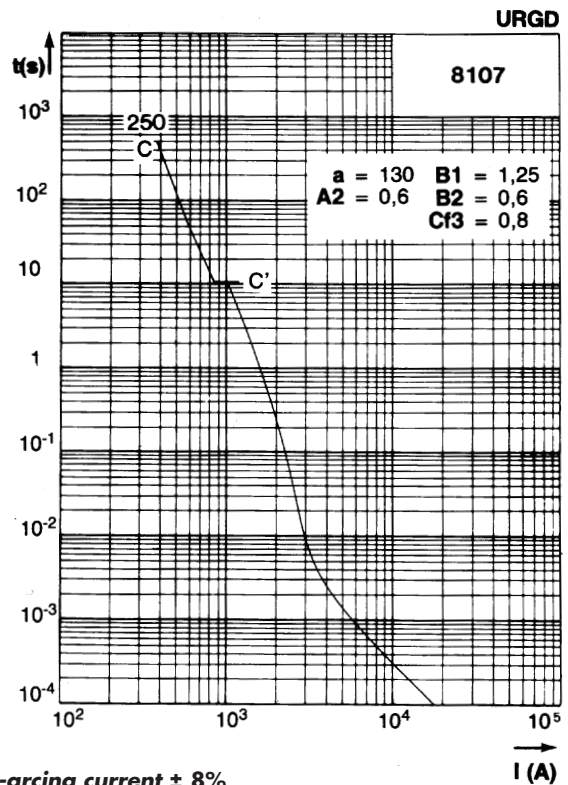
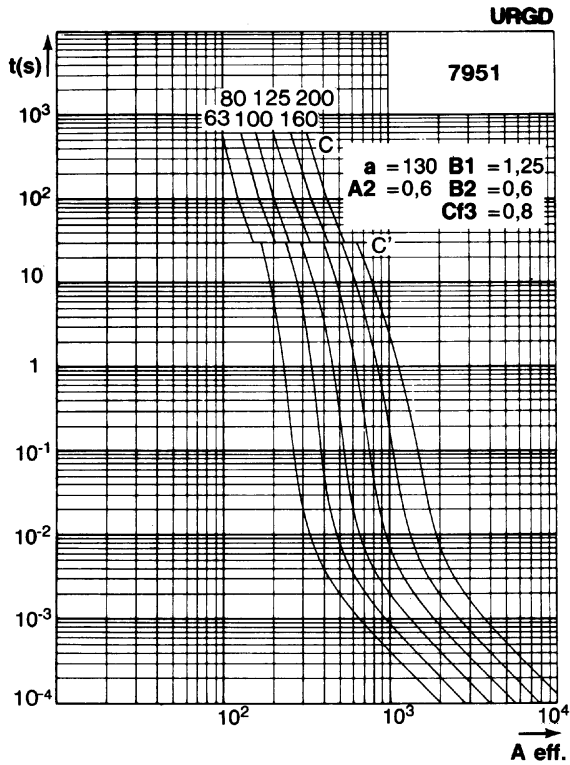


Type	Voltage	Current rating	Code	Part #
URGD	660 V	63 A	6.621 CP URGD 27x60/ 63	A 076820
		80 A	6.621 CP URGD 27x60/ 80	B 076821
		100 A	6.621 CP URGD 27x60/100	C 076822
		125 A	6.621 CP URGD 27x60/125	D 076823
		160 A	6.621 CP URGD 27x60/160	E 076824
		200 A	6.621 CP URGD 27x60/200	F 076825
URGD	600 V	250 A	621 CP URGD 27x60/250	W 076264

Fuses, mounted in clips, fuse-holders, fuse disconnectors see data sheets part #s : N 600312 - J 600 354



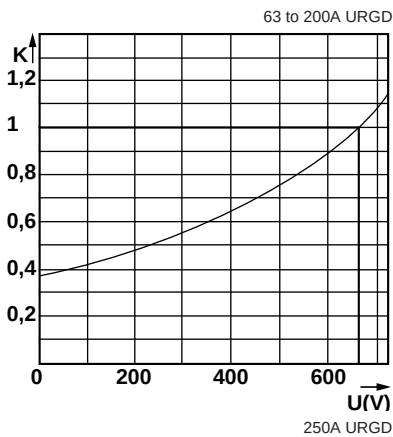
Time vs current characteristics



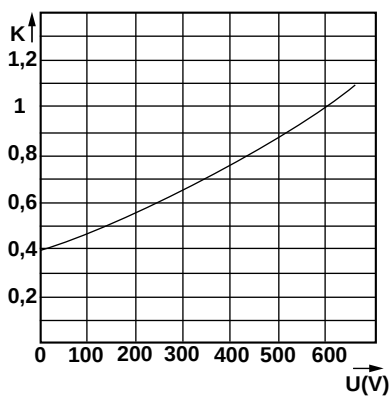
Tolerance for the mean pre-arcing current $\pm 8\%$

These curves indicate, for each rated current, the pre-arcing time vs. the R.M.S. pre-arcing current.

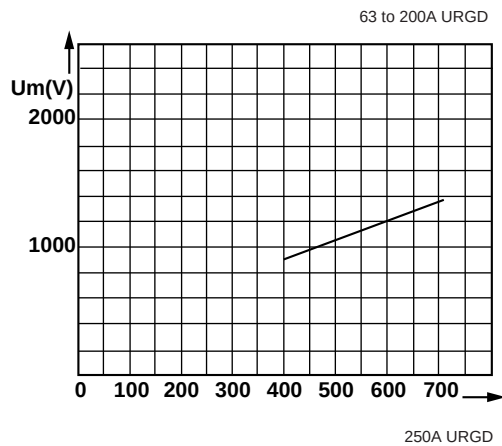
Corrective factor



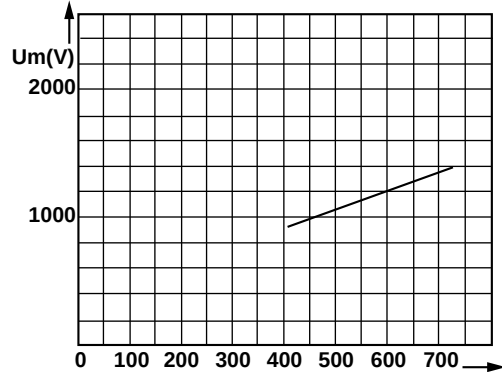
These mean curves show the variation of the total clearing time (t^2t_f) and the total clearing duration t_f as a function of operating voltage U .



Peak arc voltage



This curve shows the peak value U_m of the arc voltage which appears across the fuse link as a function of the operating voltage U @ $\cos \varphi = 0.15$.



FERRAZ

28, rue Saint Philippe
B.P. 3025 - 69391 Lyon Cedex 03-France
Tél. 33 (0)4 72 22 66 11
Fax. 33 (0)4 72 22 67 13

Rue de Vaucanson
69720 Saint-Bonnet de Mure - France
Tél. 33 (0)4 72 22 66 11
Fax. 33 (0)4 72 22 66 12

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