



660 V - 1000 V AC
URB - URQ from 32 up to 250 A
Size: 27x60

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

660 V - 1000 V AC VOLTAGE RATING

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

MODEL ACCORDING TO NF C 63210 AND 63211
WITH BUILT-IN BLOWN TRIP-INDICATOR

UL RECOGNIZED 



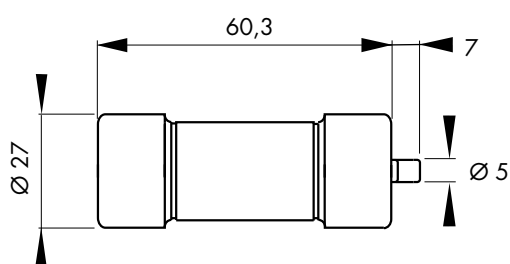
MAIN CHARACTERISTICS

Voltage rating U_N (VAC)	Class	Current rating I_N (A)	Pre-arcing I^2_t @ 1 ms I^2_{tp} (A ² s)	Total clearing I^2_t @ U_N I^2_{tt} (A ² s)	Watt losses		Tested interrupting rating
					0,8 I_N	I_N	
660 V	URQ	50	110	610	8.4	16	200 kA @ 660 V
		63	155	860	11.1	21	
		80	350	1880	12.6	24	
		100	625	3210	14.2	27	
		125	1400	6970	15.7	30	
		160	3150	15000	17.7	34	
		200	6580	30000	19.4	38	
		250	15570	63000	22.6	45	
1000 V	URB	32	33	250	7.4	14.5	100 kA @ 1000 V
		40	60	450	8.7	17	
		50	110	840	9.7	19	
		63	200	1470	11.3	22	
		80	435	3300	12.3	24	
		100	975	6000	14	27	
		125	1910	12500	16	31	
		160	3890	26700	18	35	
		170	4710	36000	19	37	

* Minimum operating voltage for trip-indicator: 20 V



27x60 - With blown fuse trip-indicator

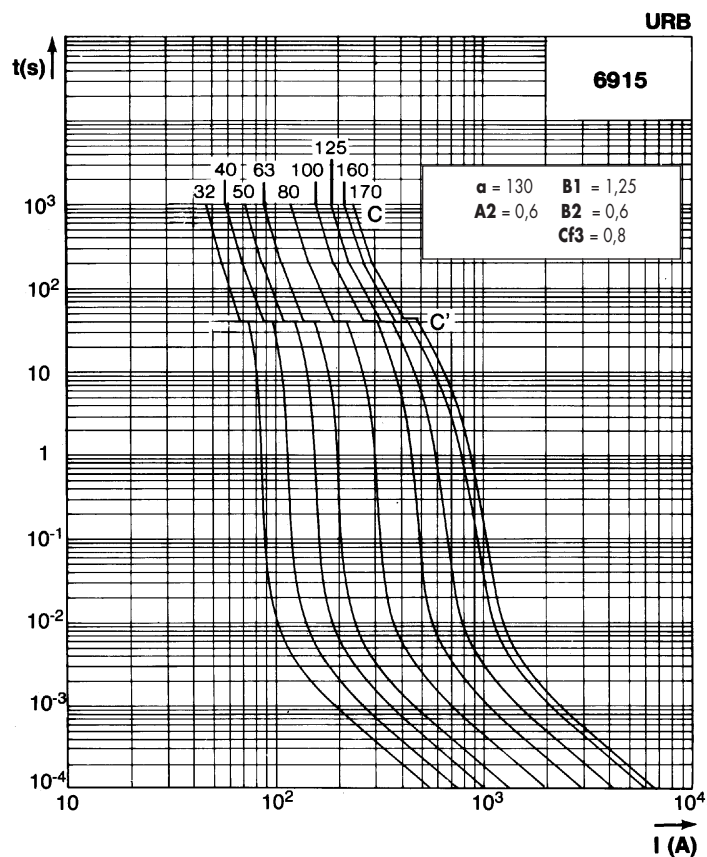
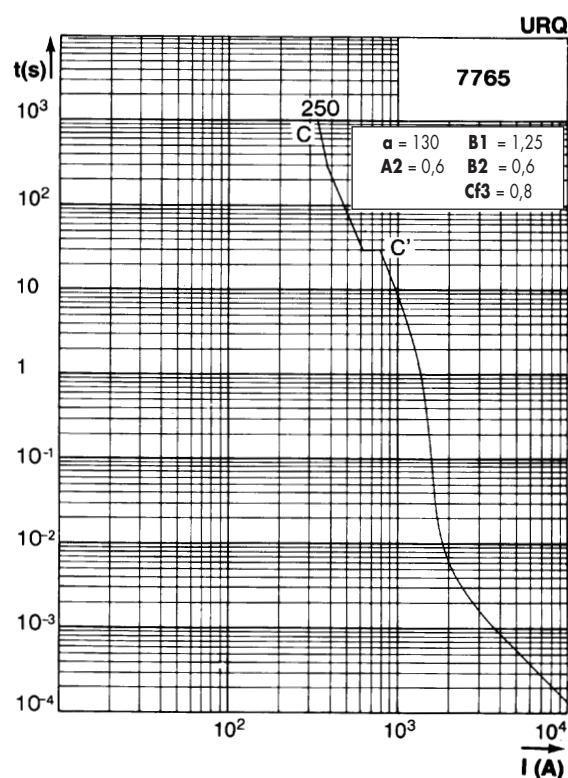
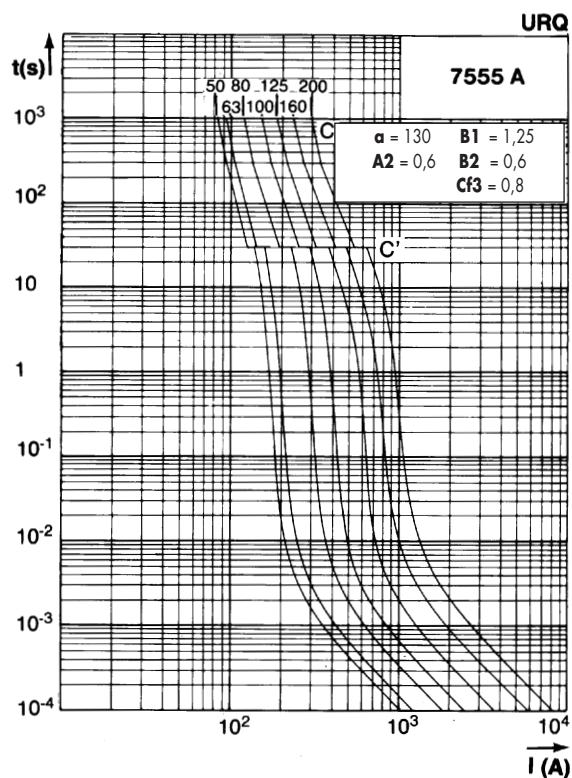


Type	Voltage	Current rating	Code	Part #
URQ	660 V	50 A	6.621 CP URQ 27x60/ 50	N 075958
		63 A	6.621 CP URQ 27x60/ 63	V 076309
		80 A	6.621 CP URQ 27x60/ 80	W 076310
		100 A	6.621 CP URQ 27x60/100	R 078330
		125 A	6.621 CP URQ 27x60/125	S 078331
		160 A	6.621 CP URQ 27x60/160	X 076311
		200 A	6.621 CP URQ 27x60/200	T 078332
		250 A	6.621 CP URQ 27x60/250	T 076308
URB	1000 V	32 A	1021 CP URB 27x60/ 32	S 081298
		40 A	1021 CP URB 27x60/ 40	R 081297
		50 A	1021 CP URB 27x60/ 50	Q 081296
		63 A	1021 CP URB 27x60/ 63	P 081295
		80 A	1021 CP URB 27x60/ 80	N 081294
		100 A	1021 CP URB 27x60/100	M 081293
		125 A	1021 CP URB 27x60/125	L 081292
		160 A	1021 CP URB 27x60/160	K 081291
		170 A	1021 CP URB 27x60/170	Z 080338

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

ELECTRICAL CHARACTERISTICS

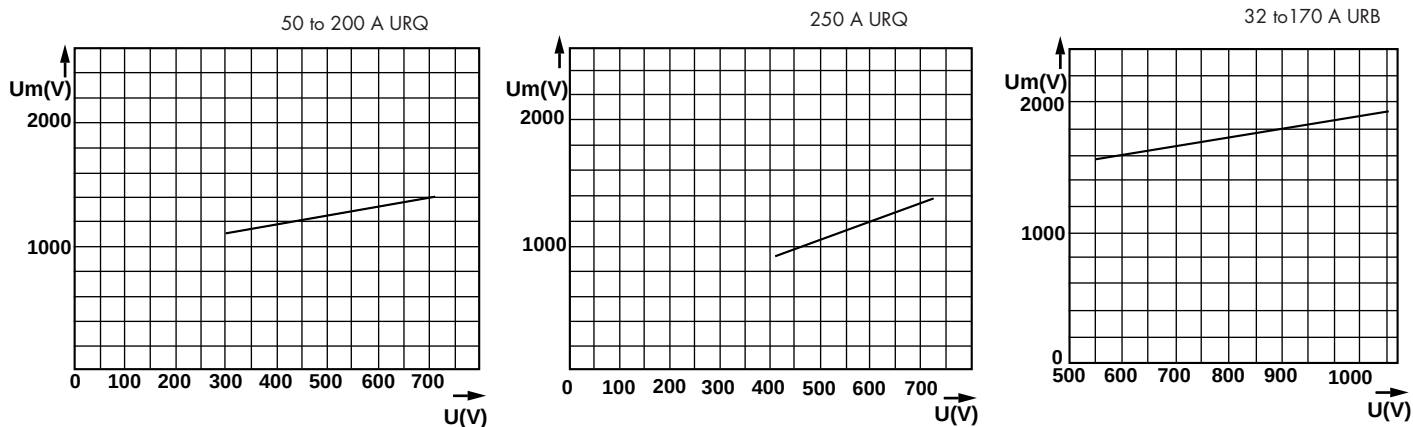
Time vs current characteristics



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

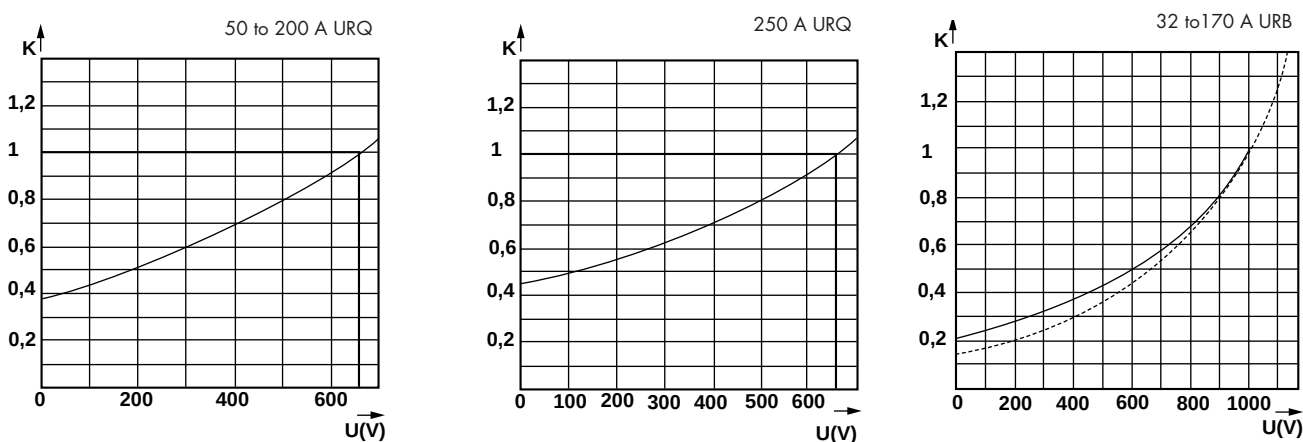
For each rated current tolerance for the mean pre-arcing current $\pm 8\%$.

Peak arc voltage



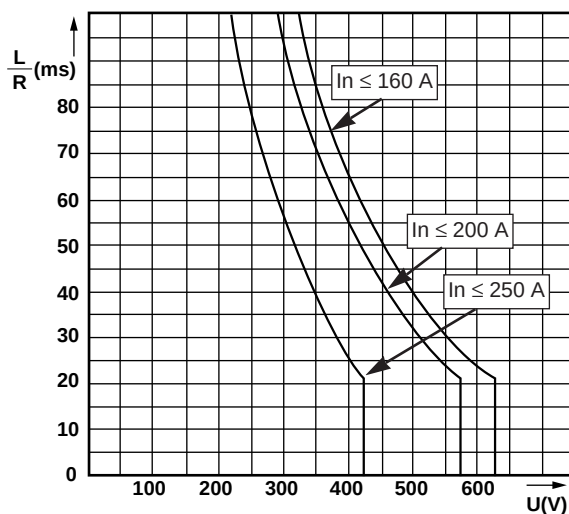
This curve shows the peak value U_m of the arc voltage which appears across the fuse link as a function of the operating voltage U @ $\cos \varphi = 0.15$.

Corrective factor



The 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 .

D.C. Applications data



This curve indicate the permissible value of time constant L/R as a function of the D.C. working voltage

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