



600 V - 660 V AC
URGB - URG A - from 8 up to 100 A
Sizes: 14x51 - 22x58

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

αR CLASS ACCORDING TO VDE 636-23 AND IEC 269.4

TWO MODELS ACCORDING TO NF C 63210 AND 63211
WITH AND WITHOUT BLOWN FUSE BUILT-IN
TRIP-INDICATOR FOR SIZES 14 x 51 AND 22 x 58



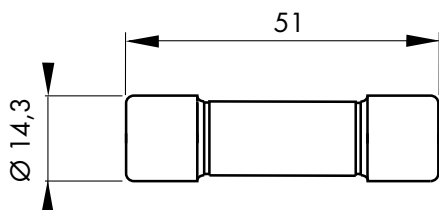
MAIN CHARACTERISTICS

Voltage rating U_N (VAC)	Size	Class	Current rating I_N (A)	Pre-arcing $I^2t @ 1 \text{ ms}$ I^2t_p (A ² s)	Total clearing $I^2t @ A^2_s$ 660 V		Watt losses		Tested interrupting rating
					$I_p \leq 30 I_N$	$I_p > 30 I_N$	$0,8 I_N$	I_N	
660 V	14 x 51	URGB	8	3.3	20	17	1.45	2.7	200 kA @ 660 V
			10	6.0	37	30	1.85	3.4	
			12	9.3	75	60	2.5	4.6	
			16	15.6	95	75	3.4	6.2	
			20	30.0	175	145	4	7.4	
			25	53.5	300	250	4.7	8.6	
			32	100	550	460	5.7	10.6	
			40	214	1150	940	6.2	11.5	
			50	480	2550	2070	7	13	
	22 x 58	URGA	25	45	210		4.7	8.5	200 kA @ 660 V
			32	84	400		5.7	10.3	
			40	150	700		7.1	12.8	
			50	270	1270		8.7	15.7	
			63	595	2770		9.8	17.7	
			80	1165	5500		12	21.7	
			100*	2150	9000*		14.2	25.6	
									600 V

*Operating voltage limited to 600 V for the model with blown fuse trip-indicator / Total clearing $I^2t @ 600 \text{ V} = 9000 \text{ A}^2_s$
Minimum operating voltage for built-in trip-indicator: 20 V

REFERENCES

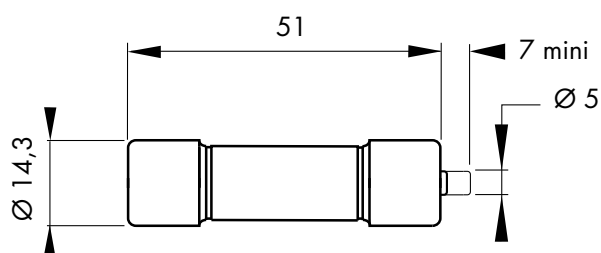
14x51 - Without blown fuse indicator



Weight: 18 g
Packaging: 10 pieces

Current Rating	Code	Part #
8 A	6 600 CP URGB 14.51/8	T 078033
10 A	6.600 CP URGB 14.51/10	V 078034
12 A	6.600 CP URGB 14.51/12	W 078035
16 A	6.600 CP URGB 14.51/16	X 078036
20 A	6.600 CP URGB 14.51/20	Y 078037
25 A	6.600 CP URGB 14.51/25	Z 078038
32 A	6.600 CP URGB 14.51/32	A 078039
40 A	6.600 CP URGB 14.51/40	B 078040
50 A	6.600 CP URGB 14.51/50	C 078041

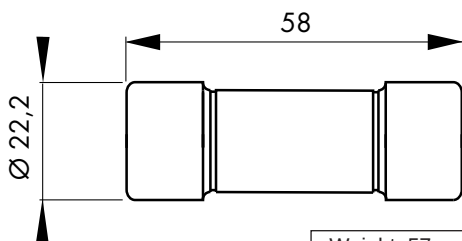
14x51 - With blown fuse trip-indicator



Weight: 18 g
Packaging: 10 pieces

Current Rating	Code	Part #
8 A	6.621 CP URGB 14.51/8	D 078042
10 A	6.621 CP URGB 14.51/10	E 078043
12 A	6.621 CP URGB 14.51/12	F 078044
16 A	6.621 CP URGB 14.51/16	G 078045
20 A	6.621 CP URGB 14.51/20	H 078046
25 A	6.621 CP URGB 14.51/25	J 078047
32 A	6.621 CP URGB 14.51/32	K 078048
40 A	6.621 CP URGB 14.51/40	L 078049
50 A	6.621 CP URGB 14.51/50	M 078050

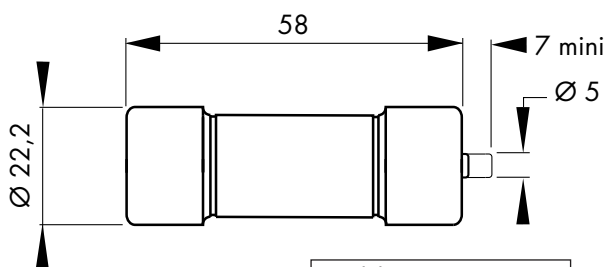
22x58 - Without blown fuse trip-indicator



Weight: 57 g
Packaging: 10 pieces

Current Rating	Code	Part #
25 A	6.600 CP URG A 22.58/25	C 095245
32 A	6.600 CP URG A 22.58/32	D 095246
40 A	6.600 CP URG A 22.58/40	E 095247
50 A	6.600 CP URG A 22.58/50	F 095248
63 A	6.600 CP URG A 22.58/63	G 095249
80 A	6.600 CP URG A 22.58/80	H 095250
100 A	6.600 CP URG A 22.58/100	N 078051

22x58 - With blown fuse trip-indicator

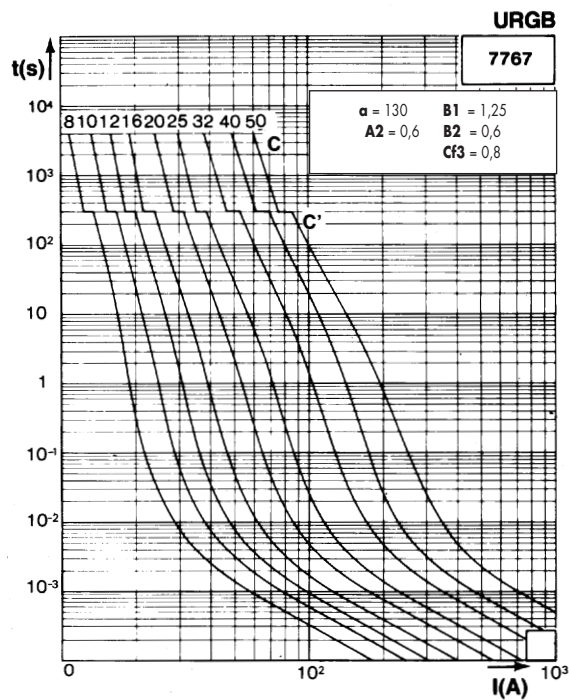


Weight: 57 g
Packaging: 10 pieces

Current Rating	Code	Part #
25 A	6.621 CP URG A 22.58/25	T 095260
32 A	6.621 CP URG A 22.58/32	V 095261
40 A	6.621 CP URG A 22.58/40	W 095262
50 A	6.621 CP URG A 22.58/50	X 095263
63 A	6.621 CP URG A 22.58/63	Y 095264
80 A	6.621 CP URG A 22.58/80	Z 095265
100 A	621 CP URG A 22.58/100	N 098222

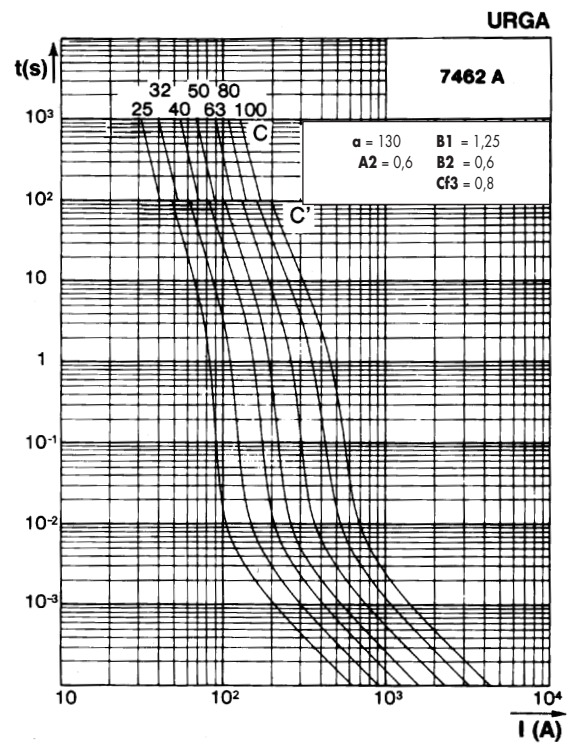
Fuses, mounted in clips, fuse holders, fuse disconnectors see data sheets part #s : N 600312 - F 600282 - J 600308 - L 600310

Time vs current characteristics



Tolerance of the mean pre-arcing current $\pm 10\%$

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



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

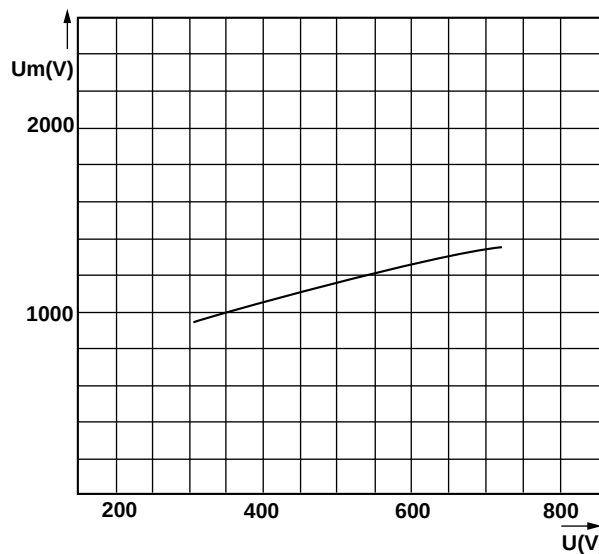
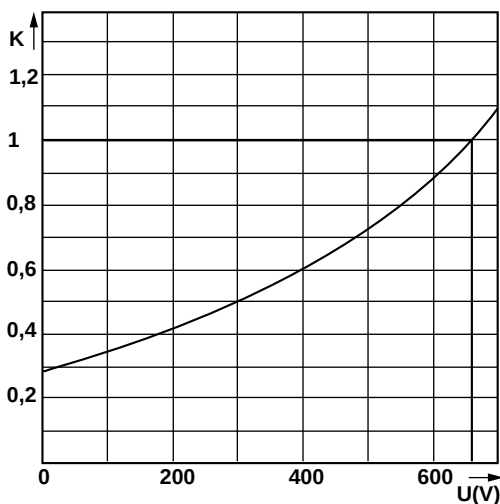
Corrective factor - Peak arc voltage

Corrective
factor

Peak arc
voltage

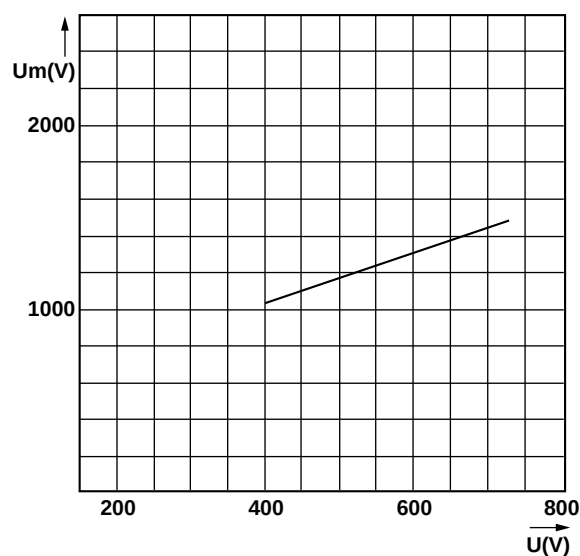
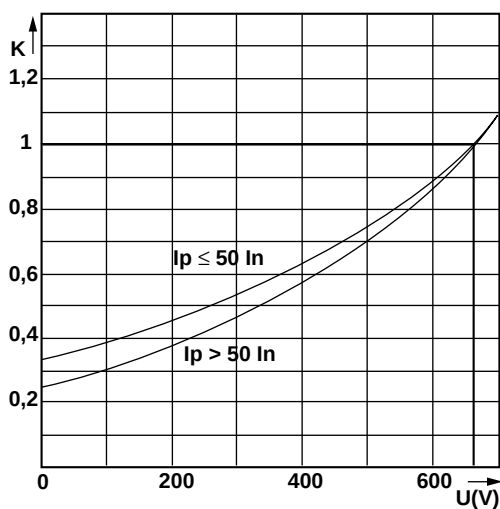
URGB

URGB



URGA

URGA



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 .

These curves show 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

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