

FRENCH CYLINDRICAL URB/URD/URL

SEMICONDUCTOR PROTECTION FUSES



PROTISTOR® FUSES

600V AC URD from 0.10 up to 0.80A**

500V AC URB/URD/URL from 1 up to 30A

SIZE: 10 X 38

Features/Benefits

- **Extremely high Interrupting rating Fuses:**
Protection of power Semiconductors according to IEC 269.1 and 4
- **500-600V AC Voltage Rating**
- **aR Class** according to VDE 636-23 and IEC 269.4
- **Without blown fuse indication** according to NF C 63210 and 63211 - 0.10 up to 0.80A**
- **With built in Trip-Indicator** (1 up to 30A)
Ferraz Specialty*



APPLICATIONS DATA

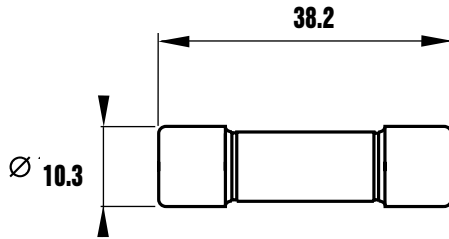
Voltage rating U_N (V AC)	Class	Current rating I_N (A)	Melting $I^2_t @ 1 \text{ ms}$ I^2_{tp} (A ² s)	Total clearing $I^2_t @ U_N$ I^2_{tp} (A ² s)	Watt losses		Tested interrupting rating	
					$0.8 I_N$	I_N		
600 V without blown fuse indication 	URD	100 mA	/	$1.2 \cdot 10^{-3}$	0.23	0.4	200 kA @ 600 V	
		125 mA		$2.3 \cdot 10^{-3}$	0.25	0.44		
		160 mA		$5.2 \cdot 10^{-3}$	0.28	0.48		
		200 mA		$8 \cdot 10^{-3}$	0.34	0.58		
		250 mA		$18 \cdot 10^{-3}$	0.35	0.60		
		315 mA		$33 \cdot 10^{-3}$	0.42	0.73		
		400 mA		$56 \cdot 10^{-3}$	0.46	0.80		
		500 mA		0.100	0.46	0.80		
		630 mA		0.18	0.52	0.90		
		800 mA		0.44	0.58	1		
500 V with trip-indicator	URD	1 A	0.49	1.3	0.4	0.7	50 kA @ 500 V	
		1.25 A	0.13	1.7	0.52	0.91		
		1.6 A	0.31	2.2	0.58	1		
		2 A	0.65	3.1	0.63	1.1		
		2.5 A	1.65	5.9	0.63	1.1		
		3.15 A	2.80	9	0.86	1.5		
	URB	4 A	5.30	16	1.1	1.8	50 kA @ 500 V	
		5 A	12.7	36	1.1	1.8		
		6 A	1.3	47	0.73	1.35		
		8 A	2.3	80	0.83	1.55		
		10 A	3.6	110	1	1.9		
		12 A	5.25	150	1.3	2.3		
	URL	16 A	9.30	200	1.7	3.1	50 kA @ 500 V	
		20 A	16	290	1.7	3.2		
		25 A	37	580	2.9	4.25		50 kA @ 500 V
		30 A	58	900	3.5	5.1		

* minimum operating voltage for trip-indicator:20 V

** higher ratings 1 to 30 A see A070 gRB 30 T13

PART NUMBERS

10.3x38 - Without blown fuse indicator

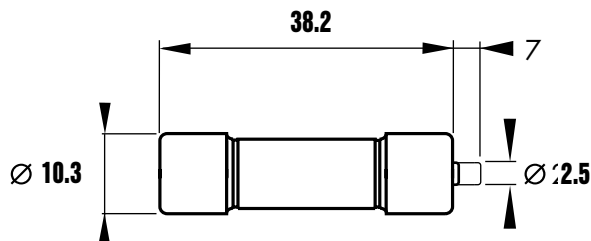


CURRENT RATING	CATALOG NO.	REF #
100 mA	A060URD0.100T13	H077632
125 mA	A060URD0.125T13	J077633
160 mA	A060URD0.160T13	K077634
200 mA	A060URD0.200T13	L077635
250 mA	A060URD0.250T13	M077636
315 mA	A060URD0.315T13	N077637
400 mA	A060URD0.400T13	P077638
500 mA	A060URD0.500T13*	Q077639
630 mA	A060URD0.630T13*	R077640
800 mA	A060URD0.800T13*	S077641

* UL Recognized



10.3x38 - With blown fuse trip-indicator



CURRENT RATING	CATALOG NO.	PART #
1A	A050URD001T13 I	P076925
1.25A	A050URD001.2T13 I	H076597
1.6A	A050URD001.6T13 I	G076596
2A	A050URD002T13 I	Q076926
2.5A	A050URD002.5T13 I	F076595
3.15A	A050URD003T13 I	R076927
4A	A050URD004T13 I	S076928
5A	A050URD005T13 I	T076929
6A	A050URB006T13 I	V076930
8A	A050URB008T13 I	W076931
10A	A050URB010T13 I	X076932
12A	A050URB012T13 I	Y076933
16A	A050URB016T13 I	Z076034
20A	A050URB020T13 I	A076935
25A	A050URL025T13 I	B076936
30A	A050URL030T13 I	C076937