



BRITISH STANDARD
250 V - URE - URGs - URZ
From 5 to 180 A
Sizes 10x28 - 17x27

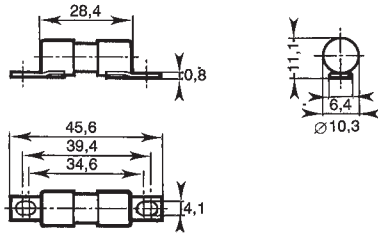
- EXTREMELY HIGH INTERRUPTING RATING FUSES:
PROTECTION OF POWER SEMI CONDUCTORS ACCORDING
TO 269.1 AND 4 IEC STANDARD
- 250 V VOLTAGE RATING ACCORDING TO IEC 33
- gR CLASS (RATINGS FROM 5 to 32 A)
ACCORDING TO VDE 636-23 AND IEC 269.4
- aR CLASS (RATINGS FROM 7 to 180 A) ACCORDING TO
VDE 636-23 AND IEC 269.4
- TWO MODELS COMPLYING WITH BS 88-4
 - WITHOUT INDICATOR
 - WITH SEPARATED TRIP-INDICATOR (SIZE 17x27)



MAIN CHARACTERISTICS

Voltage rating U_N (V)	Size	Class	Current rating I_N (A)	pre-arcing I_{2t}^p @ 1 ms I_{2t}^p (A ² s)	Total clearing I_{2t}^2 @ U_N A ² s		Watt losses		Tested interrupting rating
					$I_p \leq 30 I_N$	$I_p > 30 I_N$	$0.8 I_N$	I_N	
250 V	10x28	URE	5	1.3	10	11	0.6	1	160 kA @ 250 V
			6	1.8	13	15	0.7	1.2	
			10	2.4	18	20	1.2	2.1	
			12	4.3	28	33	1.6	2.8	
			15	6.7	41	48	2.0	3.5	
			20	15.0	85	100	2.2	4.0	
			25	27.0	135	160	2.6	4.7	
			32	53.0	240	280	3.0	5.4	
	17x27	URGS	7	1.3	8,5	9,8	0.56	1	160 kA @ 250 V
			10	4.5	21	23,8	0.84	1.5	
			12	5.9	27	31	1.1	2.0	
			16	11.2	50	59	1.7	3.0	
			20	15.6	80	100	2.2	3.9	
			25	30.0	130	160	2.7	4.8	
			30	45.0	195	235	3.2	5.6	
			35	63.0	270	330	3.7	6.5	
			50	180.0	790	940	4.9	8.8	
			60	250.0	1100	1310	5.8	10.4	
			75	380.0	1670	1990	7.2	13.6	
			80	480.0	2100	2530	7.25	13.7	
		URZ	100	730.0	3350	4060	6.5	11.5	160 kA @ 250 V
			125	850.0	5720	6920	6.7	12.3	
			150	1250.0	7930	9590	7.4	13.6	
			160	1730.0	9600	11700	8.8	15.6	
			180	2090.0	14500	17500	9.5	17	

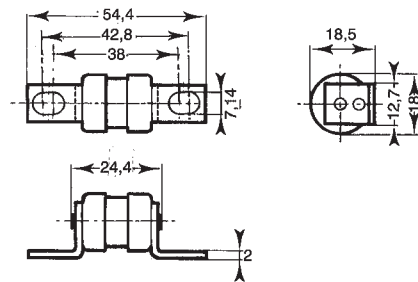
CP 10x28 - Without trip-indicator



**BS 88 part 4
requires
respectively
Ø 8.7 and 8.8

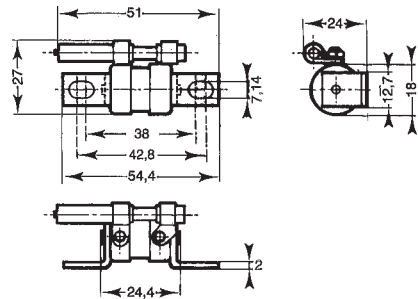
Size	Code	Part #	Pack.
10x28	2.5 URE 10/5	M 082489	10 (100 g)
	2.5 URE 10/6	E 097478	
	2.5 URE 10/10	L 082488	
	2.5 URE 10/12	P 097487	
	2.5 URE 10/15	K 082487	
	2.5 URE 10/20	J 082486	
	2.5 URE 10/25	X 097494	
	2.5 URE 10/32	N 081984	

CP 17x27 - Without trip-indicator



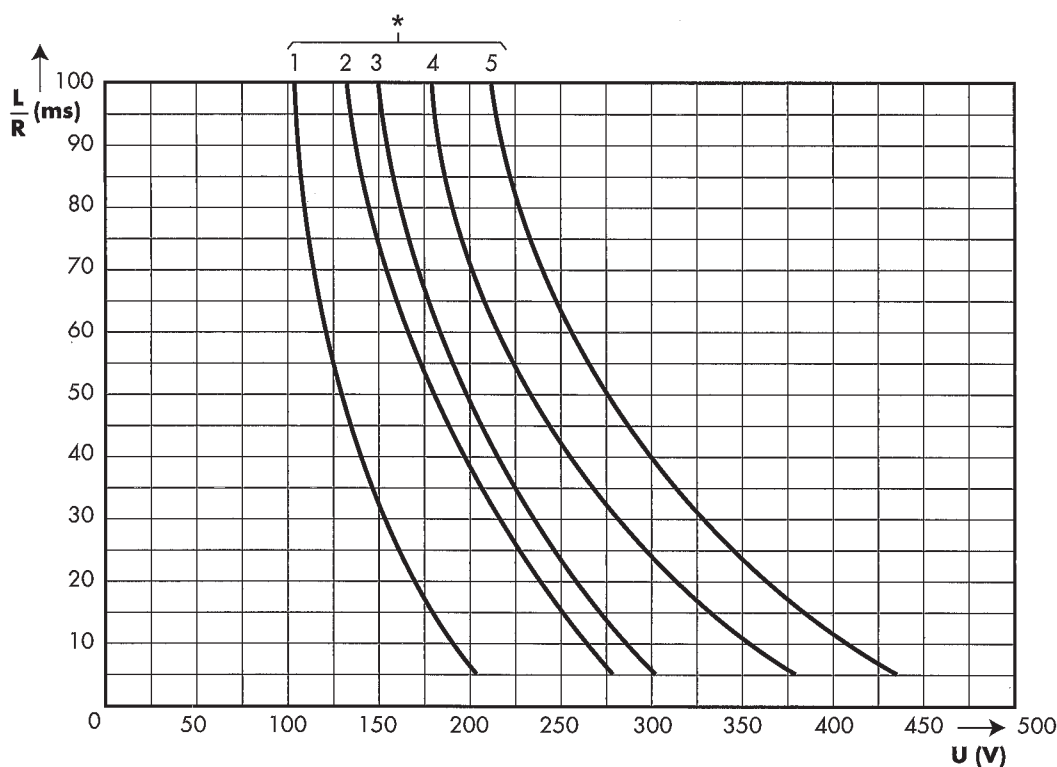
Size	Code	Part #	Pack.
17x27	2.5 URGs 17/7	M 076647	10 (860 g)
	2.5 URGs 17/10	N 076648	
	2.5 URGs 17/12	P 076649	
	2.5 URGs 17/16	Q 076650	
	2.5 URGs 17/20	L 097507	
	2.5 URGs 17/25	R 076651	
	2.5 URGs 17/30	S 076652	
	2.5 URGs 17/35	T 076653	
	2.5 URGs 17/50	V 076654	
	2.5 URGs 17/60	W 076655	
	2.5 URGs 17/75	X 076656	
	2.5 URGs 17/80	Z 085559	
	2.5 URZ 17/100	Y 085558	
	2.5 URZ 17/125	G 097526	
	2.5 URZ 17/150	W 085556	
	2.5 URZ 17/160	F 097527	
	2.5 URZ 17/180	N 097532	

CP 17x27 - With separated trip-indicator



Size	Code	Part #	Pack.
17x27	2.5 URGs 17 P 7	P 097533	10 (930 g)
	2.5 URGs 17 P 10	Q 097534	
	2.5 URGs 17 P 12	S 097536	
	2.5 URGs 17 P 16	X 097540	
	2.5 URGs 17 P 20	B 097544	
	2.5 URGs 17 P 25	D 097546	
	2.5 URGs 17 P 30	E 097547	
	2.5 URGs 17 P 35	F 097548	
	2.5 URGs 17 P 50	J 097551	
	2.5 URGs 17 P 60	H 081082	
	2.5 URGs 17 P 75	K 097552	
	2.5 URGs 17 P 80	L 097553	
	2.5 URZ 17 P 100	P 097556	
	2.5 URZ 17 P 125	Q 097557	
	2.5 URZ 17 P 150	R 097558	
	2.5 URZ 17 P 160	S 097559	
	2.5 URZ 17 P 180	T 097560	

Microswitch MC 6.3 GR 2.5 N - Park# Y310015 - See technical data: Y 600413

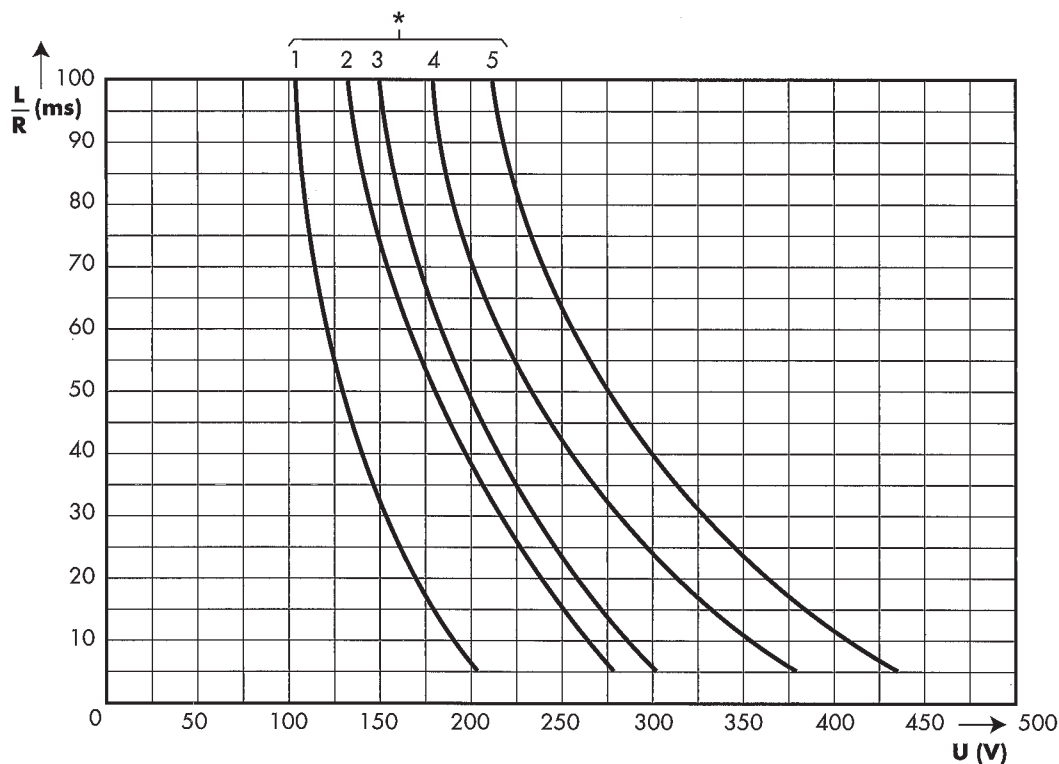


- These curves indicate the permissible value of time constant L/R as a function of the D.C. working voltage.
- The I_{pm} values give the minimum DC interrupting current in amps.

Curves # and I_{pm} for each rating			
Class	Rated current	*	I_{pm} (A)
URE	5	5	40
	6	5	50
	10	5	55
	12	5	80
	15	5	100
	20	5	130
	25	5	175
URGS	32	5	255
	7	5	40
URZ	100	4	190
	125	3	250
	150	2	300
	160	2	330
	180	1	400

For URGS class fuses, consult us.

D.C. Applications data



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- The I_{pm} values give the minimum DC interrupting current in amps.

Curves # and I_{pm} for each rating			
Class	Rated current	*	I_{pm} (A)
URE	5	5	40
	6	5	50
	10	5	55
	12	5	80
	15	5	100
	20	5	130
	25	5	175
	32	5	255
URGS	7	5	40
URZ	100	4	190
	125	3	250
	150	2	300
	160	2	330
	180	1	400

For URGS class fuses, consult us.

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