

# URR/URGL/URU/URGM SEMICONDUCTOR PROTECTION FUSES



## PROTISTOR® FUSES

### 660V

### URR/URGL/URU/URGM from 75 to 800A

### SIZES: 36 X 55 & 2 X 36 X 55

#### Features/Benefits

- **Extremely high Interrupting rating Fuses:**  
Protection of power Semiconductors according to IEC 269.1 and 4
- **660V Voltage Rating** according to IEC 33
- **gR Class** Ratings from 75 to 800A according to VDE 636-23 and IEC 269.4
- **Three Models** complying with BS 88-4
  - without indicator
  - with external trip-indicator
  - with built in trip-indicator



## APPLICATIONS DATA

Voltage rating $U_N$ (V)	Size	Class	Current rating $I_N$ (A)	pre-arcing $I_{2t}$ @ 1 ms $I_{2t_p}^2$ (A <sup>2</sup> s)	Total clearing $I^2t$ @ $U_N$ A <sup>2</sup> s		Watt losses		Tested interrupting rating
					$I_p \leq 50 I_N$	$I_p > 50 I_N$	$0.8 I_N$	$I_N$	
660 V	36x55	URR	75	350	1800	2000	9.7	19.5	200 kA @ 660 V
			110	1180	6000	6700	11.3	22.8	
			200	3900	18500	20500	21.8	41.4	
			250	8760	41000	46000	23.6	44.1	
			50	180	860	990	7.3	14.0	
		URGL	65	335	1600	1840	8.8	17.1	
			85	480	3450	4000	12.2	23.5	
			90	720	4100	4700	13.2	25.5	
			150	2880	12600	14500	18.9	35.3	
			180	5350	22500	25500	19.1	35.7	
	2x36x55	URU	200	4700	24000	27000	18.4	33.0	200 kA @ 660 V
			235	6920	34500	39000	21.0	37.6	
			400	21200	100000	110000	34.8	62.3	
			500	35000	164000	184000	47.2	88.2	
			630	97300	515000	575000	41.1	73.2	
	2x36x55	URGM	175	2880	13800	16000	24.7	47.6	200 kA @ 660 V
			300	13700	60000	68000	31.5	59.0	
			325	21400	90000	102000	30.0	54.0	
			355	25200	106000	120000	33.1	62.0	
			450	65600	300000	340000	34.6	63.8	
500			85600	390000	440000	37.4	69.0		
630			152000	630000	720000	45.4	85.2		
710			193000	760000	860000	51.8	97.0		
800			282000	1.06 10 <sup>6</sup>	1.22 10 <sup>6</sup>	53.4	100.0		

# URR/URGL/URU/URGM SEMICONDUCTOR PROTECTION FUSES

## PART NUMBERS

**CP 36x55 - Without trip-indicator**

SIZE	CATALOG NO.	REF #	PACK.
36x55	6.6 URGL 36/50	X 097103	6 (1240 g)
	6.6 URGL 36/65	H 097113	
	6.6 URR 36/75	H 097136	
	6.6 URGL 36/85	M 097163	
	6.6 URGL 36/90	N 097164	
	6.6 URR 36/110	P 097165	
	6.6 URGL 36/150	Q 097166	
	6.6 URGL 36/180	R 097167	
	6.6 URR 36/200	S 097168	
	6.6 URGL 36/200	T 097169	
	6.6 URR 36/250	V 097170	
	6.6 URGL 36/250	W 097171	
	6.6 URGL 36/280	A 097175	
	6.6 URGL 36/315	B 097176	
6.6 URGL 36/355	C 097177		
6.6 URGL 36/400	D 097178		

**CP 36x55 - With built-in trip-indicator**

Microswitch MC 36 GR 2.5 N - Ref. P 092496

SIZE	CATALOG NO.	REF #	PACK.
36x55	6.6 URGL 36 T 50	N 097210	6 (1240 g)
	6.6 URGL 36 T 65	K 097230	
	6.6 URR 36 T 75	H 099965	
	6.6 URGL 36 T 85	M 097255	
	6.6 URGL 36 T 90	N 097256	
	6.6 URR 36 T 110	R 099973	
	6.6 URGL 36 T 150	Z 082178	
	6.6 URGL 36 T 180	P 097257	
	6.6 URR 36 T 200	A 085560	
	6.6 URGL 36 T 200	R 097259	
	6.6 URR 36 T 250	W 097263	
	6.6 URGL 36 T 250	X 097264	
	6.6 URGL 36 T 280	Y 097265	
	6.6 URGL 36 T 315	Z 097266	
	6.6 URGL 36 T 355	A 097267	
	6.6 URGL 36 T 400	C 097269	

**CP 36x55 - With separated trip-indicator**

Microswitch MC 6.3 GR 2.5 N - Ref. Y 310015

SIZE	CATALOG NO.	REF #	PACK.
36x55	6.6 URGL 36 P 90	H 097182	6 (1300 g)
	6.6 URR 36 P 110	J 097183	
	6.6 URGL 36 P 150	K 097184	
	6.6 URGL 36 P 180	L 097185	
	6.6 URR 36 P 200	M 097186	
	6.6 URGL 36 P 200	N 097187	
	6.6 URR 36 P 250	P 097188	
	6.6 URGL 36 P 250	Q 097189	
	6.6 URGL 36 P 280	R 097190	
	6.6 URGL 36 P 315	V 097193	
	6.6 URGL 36 P 355	Y 097196	
	6.6 URGL 36 P 400	M 097209	

**CP 2x36x55 - Without trip-indicator**

SIZE	CATALOG NO.	REF #	PACK.
2x36x55	6.6 URGM 236/175	D 097270	3 (1200 g)
	6.6 URU 236/200	F 097272	
	6.6 URU 236/235	J 097275	
	6.6 URGM 236/300	K 097276	
	6.6 URGM 236/325	R 097282	
	6.6 URGM 236/355	S 097283	
	6.6 URU 236/400	T 097284	
	6.6 URGM 236/450	Y 097288	
	6.6 URGM 236/500	Z 097289	
	6.6 URU 236/500	A 097290	
	6.6 URGM 236/630	B 097291	
	6.6 URU 236/630	R 097351	
	6.6 URGM 236/710	S 097352	
	6.6 URGM 236/800	Y 097357	

**CP 2x36x55 - With built-in trip-indicator**

Microswitch MC 36 GR 2.5 N - Ref. P 092496

SIZE	CATALOG NO.	REF #	PACK.
2x36x55	6.6 URGM 236 T 175	F 097456	3 (1200 g)
	6.6 URU 236 T 200	G 097457	
	6.6 URU 236 T 235	A 082179	
	6.6 URGM 236 T 300	S 085553	
	6.6 URGM 236 T 325	J 097459	
	6.6 URGM 236 T 355	N 097463	
	6.6 URU 236 T 400	P 097464	
	6.6 URGM 236 T 450	Q 097465	
	6.6 URGM 236 T 500	R 097466	
	6.6 URU 236 T 500	S 097467	
	6.6 URGM 236 T 630	V 097469	
	6.6 URU 236 T 630	W 097470	
	6.6 URGM 236 T 710	C 097476	
	6.6 URGM 236 T 800	D 097477	