6,9 gRB-URB European Semiconductor Fuses

690V
gRB-URB FROM 12 TO 100A
Size: 17 x 49



Features/Benefits:

- Extremely high Interrupting rating
- Protection of power semiconductors as per IEC standard 269.4
- 690V rating as per IEC 33
- gR class [current rating 12 to 90A] as per VDE 636-23
  -Full range protection
  -Improved safety and protection
  -Allows selective coordination
- aR class [current rating 100A] according to VDE 636-23 and IEC 269.4
- Connections as per:
  -German Standard DIN 43653/00C
  -British Standard BS 88-4
- These fuses are UL recognized

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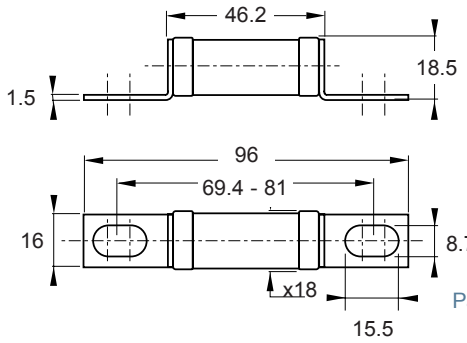
Applications Data

Voltage Rating UN(V)	Class	Current Rating I_N(A)	Melting I^2t @ 1 ms (A^2s)	Total Clearing I^2t @ Rated Voltage (A^2s)	Watts Loss 0.8 I_N	Watts Loss I_N	Tested Interrupting Rating	Estimated Interrupting Rating
690	gRB	12	4.2	30	1.95	3.5	200 k A @ 690 V	300 k A @ 690 V
		16	9.6	65	2.2	4.0		
		20	17.1	110	3.0	5.5		
		25	26.8	170	4.4	8.0		
		32	52.5	330	5.0	9.0		
		35	69	430	5.2	9.5		
		40	96	610	5.8	10.5		
		45	130	820	6.3	11.5		
		50	154	970	7.2	13		
		55	210	1320	7.4	13.5		
		63	310	1950	8.0	14.5		
		75	520	3250	8.8	16		
		80	620	3900	9.4	17		
		90	840	5300	11	20		
690	URB	100	965	6150	13	23.5		

Minimum operating voltage for separate trip-indicator: 20 V

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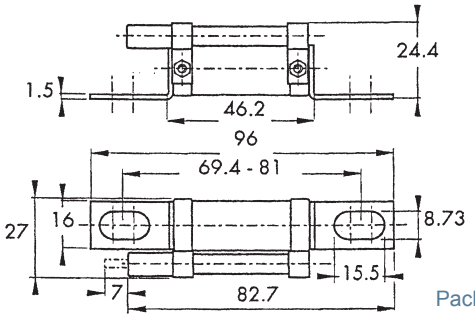
German Standard without Blown Fuse Indication



Weight: 40 g
Packaging: 10 pieces

Current Rating	Description	Catalog No.
12	6,9 gRB 17 DO8/12	M220972
16	6,9 gRB 17 DO8/16	N220973
20	6,9 gRB 17 DO8/20	P220974
25	6,9 gRB 17 DO8/25	Q22097a5
32	6,9 gRB 17 DO8/32	R220976
35	6,9 gRB 17 DO8/35	S220977
40	6,9 gRB 17 DO8/40	T220978
45	6,9 gRB 17 DO8/45	V220979
50	6,9 gRB 17 DO8/50	W220980
55	6,9 gRB 17 DO8/55	X220981
63	6,9 gRB 17 DO8/63	Y220982
75	6,9 gRB 17 DO8/75	Z220983
80	6,9 gRB 17 DO8/80	A220984
90	6,9 gRB 17 DO8/90	B220985
100	6,9 URB 17 DO8/100	C220986

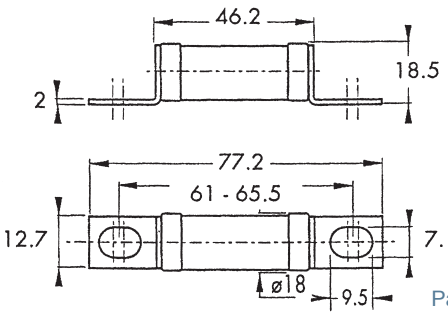
German Standard with Separate Blown Fuse Trip-Indicator DIN 43623/00C



Weight: 40 g
Packaging: 10 pieces

Current Rating	Description	Catalog No.
12	6,9 gRB 17 DO8P 12	X221004
16	6,9 gRB 17 DO8P 16	Y221005
20	6,9 gRB 17 DO8P 20	Z221006
25	6,9 gRB 17 DO8P 25	A221007
32	6,9 gRB 17 DO8P 32	B221008
35	6,9 gRB 17 DO8 P 35	C221009
40	6,9 gRB 17 DO8P 40	D221010
45	6,9 gRB 17 DO8P 45	E221011
50	6,9 gRB 17 DO8P 50	F221012
55	6,9 gRB 17 DO8P 55	G221013
63	6,9 gRB 17 DO8P 63	H221014
75	6,9 gRB 17 DO8P 75	J221015
80	6,9 gRB 17 DO8P 80	K221016
90	6,9 gRB 17 DO8P 90	L221017
100	6,9 URB 17 DO8P 100	M221018

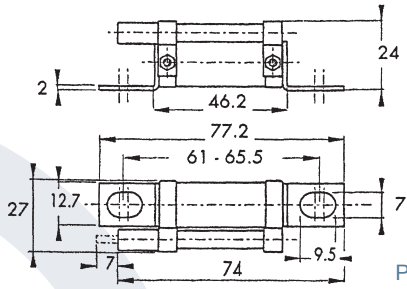
British Standard without Blown Fuse Indication



Weight: 37 g
Packaging: 10 pieces

Current Rating	Description	Catalog No.
12	6,9 gRB 17/12	W220957
16	6,9 gRB 17/16	X220958
20	6,9 gRB 17/20	Y220959
25	6,9 gRB 17/25	Z220960
32	6,9 gRB 17/32	A220961
35	6,9 gRB 17/35	B220962
40	6,9 gRB 17/40	C220963
45	6,9 gRB 17/45	D220964
50	6,9 gRB 17/50	E220965
55	6,9 gRB 17/55	F220966
63	6,9 gRB 17/63	G220967
75	6,9 gRB 17/75	H220968
80	6,9 gRB 17/80	J220969
90	6,9 gRB 17/90	K220970
100	6,9 URB 17/100	L220971

British Standard with Separate Blown Fuse Trip-Indicator BS 88-4



Weight: 37 g
Packaging: 10 pieces

Current Rating	Description	Catalog No.
12	6,9 gRB 17P12	D220987
16	6,9 gRB 17P16	E220988
20	6,9 gRB 17P20	F220989
25	6,9 gRB 17P25	G220990
32	6,9 gRB 17P32	H220991
35	6,9 gRB 17P35	J220992
40	6,9 gRB 17P40	K220993
45	6,9 gRB 17P45	L220994
50	6,9 gRB 17P50	M220995
55	6,9 gRB 17P55	N220996
63	6,9 gRB 17P63	P220997
75	6,9 gRB 17P75	Q220998
80	6,9 gRB 17P80	R220999
90	6,9 gRB 17P90	S221000
100	6,9 URB 17P100	T221001