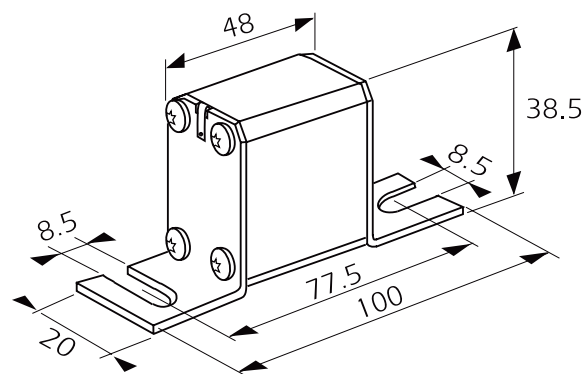


Protistor® Square-body Fuses PSC gR/aR sizes 000/00 gR/aR - 500 to 690 VAC DIN 000

German standard with blown fuse indicator



Current rating	Designation	Ref. Number	I/I_N^* fuse base	Catalog Number
16	6,9 gRB 000 D08V/016	C330190	1	DN000GB69V16V
20	6,9 gRB 000 D08V/020	P330017	1	DN000GB69V20V
25	6,9 gRB 000 D08V/025	Q330018	1	DN000GB69V25V
32	6,9 gRB 000 D08V/032	R330019	1	DN000GB69V32V
40	6,9 gRB 000 D08V/040	S330020	1	DN000GB69V40V
50	6,9 gRB 000 D08V/050	T330021	1	DN000GB69V50V
63	6,9 gRB 000 D08V/063	V330022	1	DN000GB69V63V
80	6,9 gRB 000 D08V/080	G330102	1	DN000GB69V80V
100	6,9 gRB 000 D08V/100	Q330110	1	DN000GB69V100V
125	6,9 gRB 000 D08V/125	R330111	0,9	DN000GB69V125V
80	6,9 URB 000 D08V/080	W330023	1	DN000UB69V80V
100	6,9 URB 000 D08V/100	X330024	1	DN000UB69V100V
125	6,9 URB 000 D08V/125	Y330025	0,95	DN000UB69V125V
160	6,9 URB 000 D08V/160	Z330026	0,85	DN000UB69V160V
200	6,9 URB 000 D08V/200	A330027	0,85	DN000UB69V200V
250	6,9 URB 000 D08V/250	B330028	0,8	DN000UB69V250V
315	6,9 URB 000 D08V/315	C330029	0,7	DN000UB69V315V
350	5 URB 000 D08V/350	W330115	0,7	DN000UB69V350V
400	5 URB 000 D08V/400	E330192	0,65	DN000UB69V400V



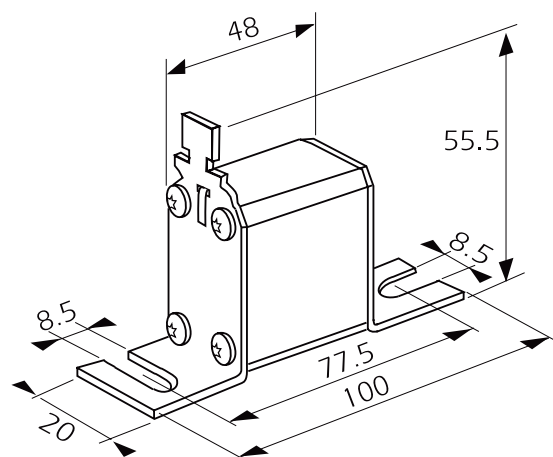
Weight: 130 g
Packaging: 6 pieces

Fuse base: SI 000 DIN 80 Ref. Number : C 20710

German standard with trip-indicator



Current rating	Designation	Ref. Number	I/I_N^* fuse base	Catalog Number
16	6,9 gRB 000 D08L/016	X330277	1	DN000GB69V16L
20	6,9 gRB 000 D08L/020	J330173	1	DN000GB69V20L
25	6,9 gRB 000 D08L/025	K330174	1	DN000GB69V25L
32	6,9 gRB 000 D08L/032	L330175	1	DN000GB69V32L
40	6,9 gRB 000 D08L/040	M330176	1	DN000GB69V40L
50	6,9 gRB 000 D08L/050	N330177	1	DN000GB69V50L
63	6,9 gRB 000 D08L/063	P330178	1	DN000GB69V63L
80	6,9 gRB 000 D08L/080	Q330179	1	DN000GB69V80L
100	6,9 gRB 000 D08L/100	R330180	1	DN000GB69V100L
125	6,9 gRB 000 D08L/125	S330181	0,9	DN000GB69V125L
80	6,9 URB 000 D08L/080	T330182	1	DN000UB69V80L
100	6,9 URB 000 D08L/100	V330183	1	DN000UB69V100L
125	6,9 URB 000 D08L/125	W330184	0,95	DN000UB69V125L
160	6,9 URB 000 D08L/160	X330185	0,85	DN000UB69V160L
200	6,9 URB 000 D08L/200	Y330186	0,85	DN000UB69V200L
250	6,9 URB 000 D08L/250	Z330187	0,8	DN000UB69V250L
315	6,9 URB 000 D08L/315	A330188	0,7	DN000UB69V315L
350	5 URB 000 D08L/350	B330189	0,7	DN000UB69V350L
400	5 URB 000 D08L/400	F330193	0,65	DN000UB69V400L



Weight: 130 g
Packaging: 6 pieces

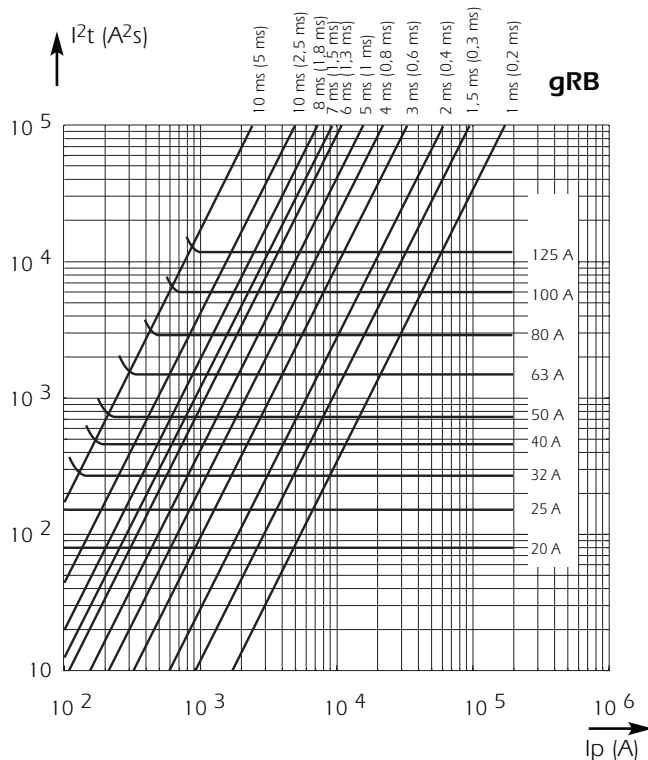
Microswitch
MC 4L 2-5 B6 + PRES Ref. Number : F210156
MC 4L 2-5 B2 + PRES Ref. Number : G210157
Fuse base: SI 000 DIN 80 Ref. Number : C 20710

Semiconductor (AC) fuses

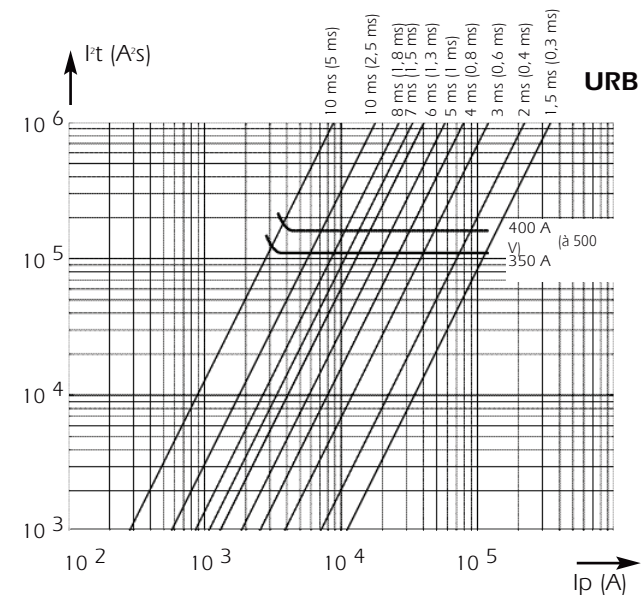
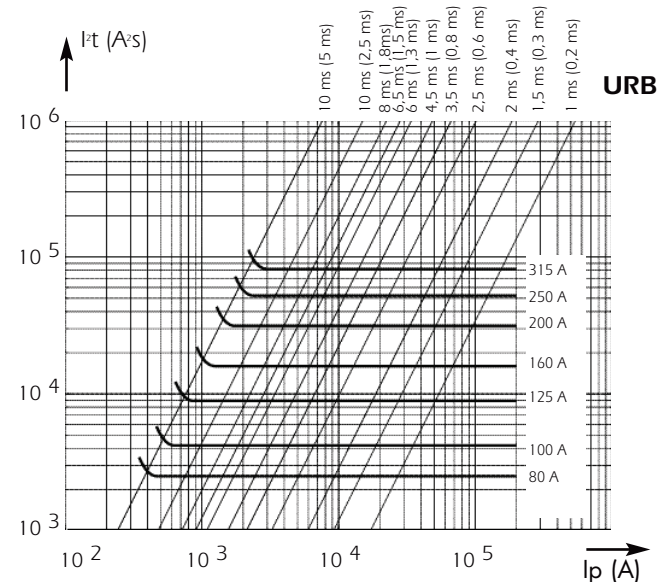


Protistor® Square-body Fuses PSC gR/aR sizes 000/00 gR/aR - 500 to 690 VAC DIN 000

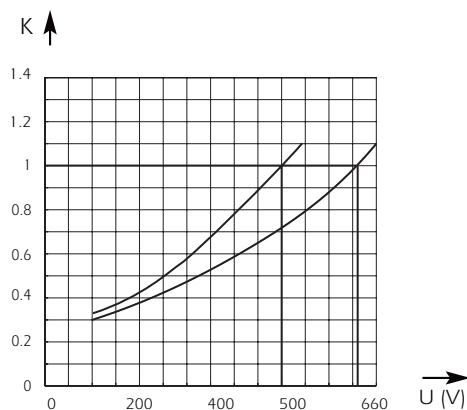
Total clearing I^2t



Above: Horizontal curves show, for each rated current, values of total clearing I^2t (I^2t_{tt}) as a function of prospective current I_p . @ UN with $\cos \phi = 0.15$. Oblique lines indicate total clearing duration T_t , with associated pre-arcing duration in brackets.

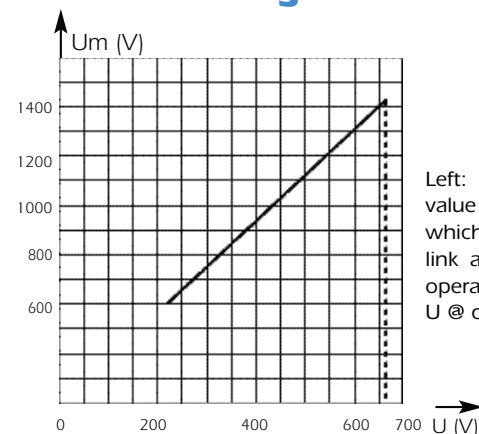


I^2t corrective factor



Above: Mean curves show variation of total clearing time (I^2t) and total clearing duration T_t as a function of operating voltage U .

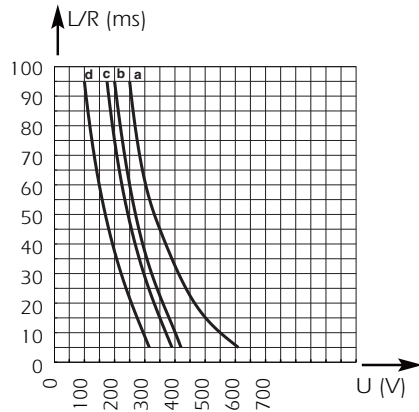
Peak arc voltage



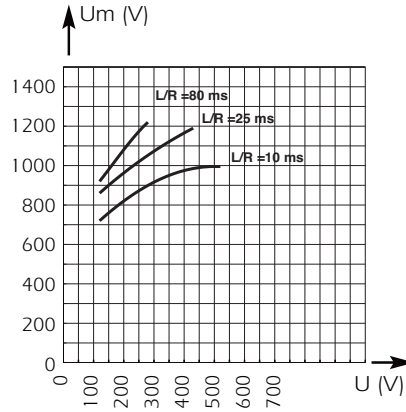
Left: Curve shows peak value U_m of arc voltage which appears across fuse link as a function of the operating voltage U @ $\cos \phi = 0.15$

Protistor® Square-body Fuses PSC gR/aR sizes 000/00 gR/aR - 500 to 690 VAC DIN 000

DC Application data



Above: Curves indicate permissible value of time constant L/R as a function of DC working voltage.
Curve a: Ratings from 20 to 160 A
Curve b: Rating 200 A
Curve c: Ratings from 250 to 315 A
Curve d: Ratings from 350 to 400 A

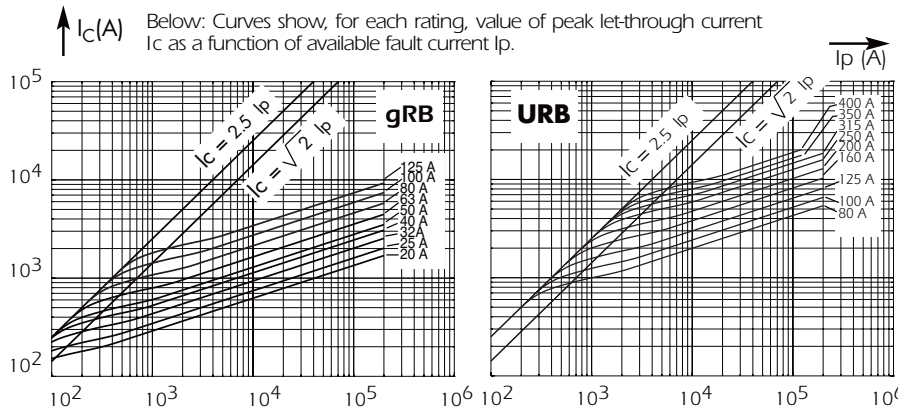


Above: Curves indicate peak arc voltage U_m which may appear across fuse terminals at working voltage U .

Rated current (A)	Curve	I_{pm} (A)
20	a	60
25	a	65
32	a	90
40	a	120
50	a	150
63	a	200
80	a	270
100	a	370
125	a	500
160	a	700
200	b	1200
250	c	1800
315	c	2200
350	d	2600
400	d	3100

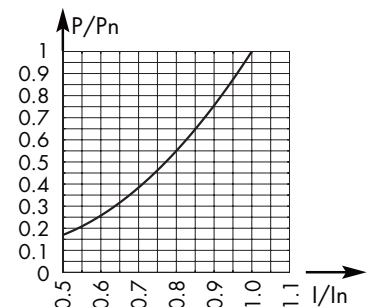
I_{pm} values give minimum DC interrupting current in amps.

Current limitation curves



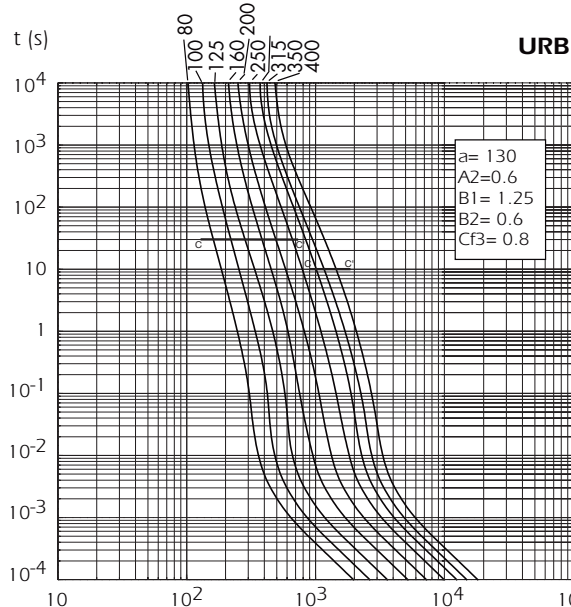
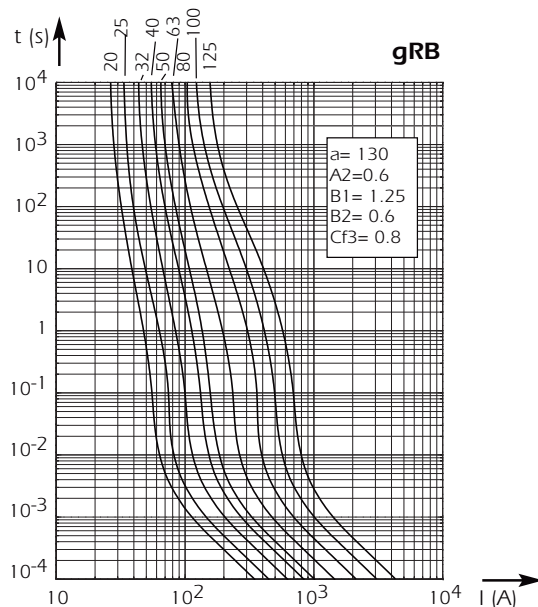
Below: Curves show, for each rating, value of peak let-through current I_c as a function of available fault current I_p .

Watts loss



Above: Curve enables computation of power losses P for an IN-rated fuse as a function of R.M.S. current I (as a multiple of I_N for steady state operation)

Time vs current characteristics



Left: Curves show, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current

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