Square Body – DIN 43 653

690V/700V (IEC/U.L.) **40-2000A**

Electrical Characteristics					Ordering Information						Curves
Size	Rated Current RMS-Amps	I^2t (A^2S) Pre-arc	I^2t (A^2S) Clearing at 660V	Watts Loss	-/80 Visual Indicator	-TN/80 Type T Indicator for Micro	-/110 Visual Indicator	-TN/110 Type T Indicator for Micro	Carton Qty.	Carton Weight (kg)	BIF #
	40	40	270	9	170M3008	170M3058	170M3158	170M3208			
	50	77	515	11	170M3009	170M3059	170M3159	170M3209			
	63	115	770	14	170M3010	170M3060	170M3160	170M3210			
	80	185	1250	18	170M3011	170M3061	170M3161	170M3211			
	100	360	2450	21	170M3012	170M3062	170M3162	170M3212			
	125	550	3700	26	170M3013	170M3063	170M3163	170M3213			
	160	1100	7500	30	170M3014	170M3064	170M3164	170M3214			
	200	2200	15000	35	170M3015	170M3065	170M3165	170M3215			
1*	250	4200	28500	40	170M3016	170M3066	170M3166	170M3216	5	1.50	17056314
	315	7000	46500	50	170M3017	170M3067	170M3167	170M3217			
	350	10000	68500	55	170M3018	170M3068	170M3168	170M3218			
	400	15000	105000	60	170M3019	170M3069	170M3169	170M3219			
	450	21000	140000	65	170M3020	170M3070	170M3170	170M3220			
	500	27000	180000	70	170M3021	170M3071	170M3171	170M3221			
	550	300	-2515(70)-221		180000M30710 TJT*[(550)-2998(28000)-2513(190000)-2515(80)-2213(170M5011)-1898(170M5061)-1765(170M5						

- Interrupting rating 200kA (Estimated 300kA)RMS Symmetrical.
- Watts loss provided at rated current.
- Rated voltage (IEC) †600V ‡550V (Consult Bussmann for U.L. Recognition/ CSA Component Acceptance status.)
- Microswitch indicator ordered separately.

1 kg = 2.2 lbs. 1 lb = 0.45 kg

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Electrical Characteristics

Total Clearing I^2t

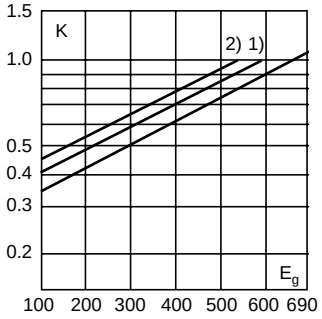
The total clearing I^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I^2t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g, (RMS).

Arc Voltage

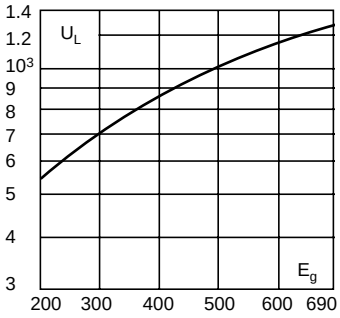
This curve gives the peak arc voltage, U_L, which may appear across the fuse during its operation as a function of the applied working voltage, E_g, (RMS) at a power factor of 15%.

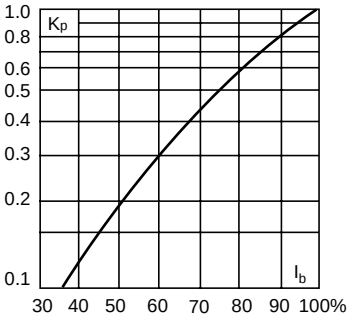
Power Losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the power losses at load currents lower than the rated current. The correction factor, K_p, is given as a function of the RMS load current, I_b, in % of the rated current.



1) Rated voltage 600V
2) Rated voltage 550V





Dimensions

DIN 43 653: Type -/80, -TN/80, -/110, -TN/110

Size	A	B	B§	C	C§	D	E	H
1*	50	104	134	78	108	58	45	22
1	50	108	138	78	108	66	53	25
2	50	108	138	78	108	75	61	25
3	51	109	139	78	108	90	76	30

§Valid for fuses type -/110, -TN/110
Dimension in mm.
1mm = 0.0394• 1• = 25.4mm