

Square body fuse links

170M - Sizes 1* to 3, DIN 43653, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Specifications

Description

Square body DIN 43653 bolted tags high speed fuse links, for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters.

Technical data

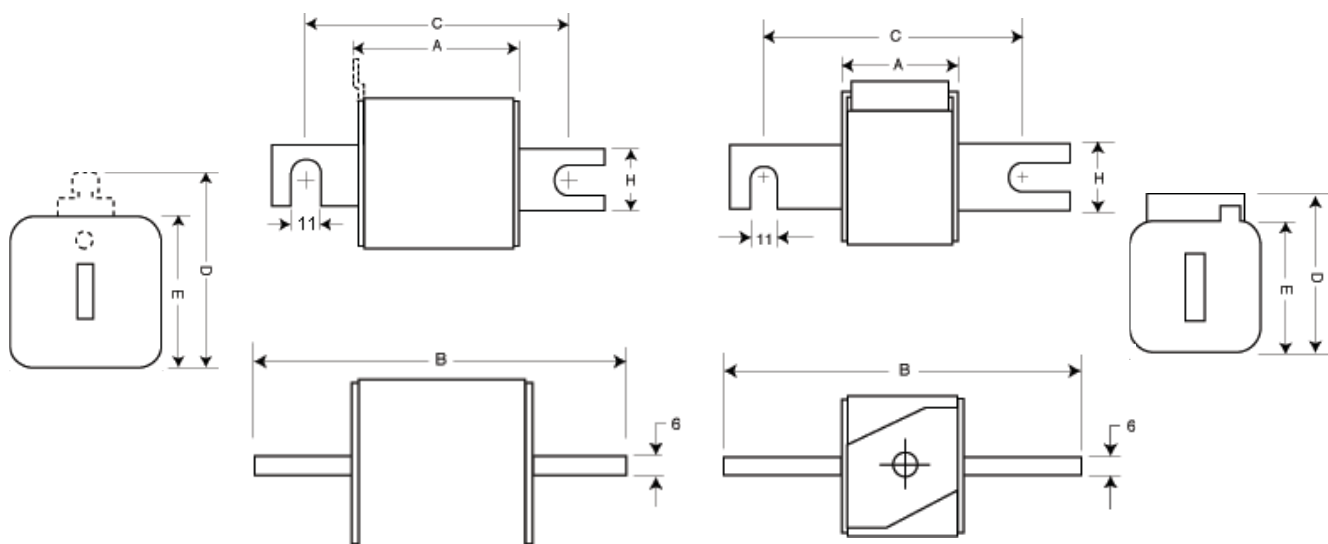
- Rated voltage:
 - 690 V a.c. (IEC)
 - 700 V a.c. (UL)
- Rated current: 40 A to 2000 A
- Breaking capacity: 200 kA RMS Sym
- Operating class: aR



Standards / Agency information

CE, Designed and tested to IEC60269 Part 4. Consult Eaton for UL Recognition/CSA Component Acceptance status. CCC except where noted.

Dimensions (mm)



Type -/80, -TN/80, -/110, -TN/110

Size	A	B	B ¹	C	C ¹	D ²	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

Type -KN/80, -KN/110

Size	A	B	B ³	C	C ³	D	E	H
1*	50	104	134	78	108	59	45	22
1	50	108	138	78	108	69	53	25
2	50	108	138	78	108	77	61	25
3	51	109	139	78	108	92	76	30

¹ Valid for fuse links type -/110, -TN/110.

² Valid for Fuse type -TN/80 and -TN/110.

1mm = 0.0394"

³ Valid for fuse links type -KN/110.

1mm = 0.0394"

Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

170M - Sizes 1* to 3, DIN 43653, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Catalogue numbers

Fuse link body size	Rated voltage	I _t (A ² Sec)				Catalogue numbers						
		Rated current (Amps)	Pre-arcing	Clearing at 660 V a.c.	Watts loss (W)	-/80 Visual indicator	-TN/80 Type T indicator for micro	-KN/80 Type K indicator for micro	-/110 Visual indicator	-TN/110 Type T indicator for micro	-KN/110 Type K indicator for micro	
1*	690 V a.c. (IEC)	40	40	270	9	170M3008	170M3058	170M3108	170M3158	170M3208	170M3258	
		50	77	515	11	170M3009	170M3059	170M3109	170M3159	170M3209	170M3259	
		63	115	770	14	170M3010	170M3060	170M3110	170M3160	170M3210	170M3260	
		80	185	1250	18	170M3011	170M3061	170M3111	170M3161	170M3211	170M3261	
		100	360	2450	21	170M3012	170M3062	170M3112	170M3162	170M3212	170M3262	
		125	550	3700	26	170M3013	170M3063	170M3113	170M3163	170M3213	170M3263	
		160	1100	7500	30	170M3014	170M3064	170M3114	170M3164	170M3214	170M3264	
		200	2200	15,000	35	170M3015	170M3065	170M3115	170M3165	170M3215	170M3265	
	700 V a.c. (UL)	250	4200	28,500	40	170M3016	170M3066	170M3116	170M3166	170M3216	170M3266	
		315	7000	46,500	50	170M3017	170M3067	170M3117	170M3167	170M3217	170M3267	
		350	10,000	68,500	55	170M3018	170M3068	170M3118	170M3168	170M3218	170M3268	
		400	15,000	105,000	60	170M3019	170M3069	170M3119	170M3169	170M3219	170M3269	
		450	21,000	140,000	65	170M3020	170M3070	170M3120	170M3170	170M3220	170M3270	
		500	27,000	180,000	70	170M3021	170M3071	170M3121	170M3171	170M3221	170M3271	
		550	34,000	230,000	75	170M3022	170M3072	170M3122	170M3172	170M3222	170M3272	
		630	48,500	325,000	80	170M3023	170M3073	170M3123	170M3173	170M3223	170M3273	
1	690 V a.c. (IEC)	200	1650	11,500	45	170M4008	170M4058	170M4108	170M4158	170M4208	170M4258	
		250	3100	21,000	55	170M4009	170M4059	170M4109	170M4159	170M4209	170M4259	
		315	6200	42,000	58	170M4010	170M4060	170M4110	170M4160	170M4210	170M4260	
		350	8500	59,000	60	170M4011	170M4061	170M4111	170M4161	170M4211	170M4261	
		400	13,500	91,500	65	170M4012	170M4062	170M4112	170M4162	170M4212	170M4262	
		450	17,000	120,000	70	170M4013	170M4063	170M4113	170M4163	170M4213	170M4263	
		500	25,000	170,000	72	170M4014	170M4064	170M4114	170M4164	170M4214	170M4264	
		550	34,000	230,000	75	170M4015	170M4065	170M4115	170M4165	170M4215	170M4265	
	700 V a.c. (UL)	630	52,000	350,000	80	170M4016	170M4066	170M4116	170M4166	170M4216	170M4266	
		700	69,500	465,000	85	170M4017	170M4067	170M4117	170M4167	170M4217	170M4267	
		800	105,000	725,000	95	170M4018	170M4068	170M4118	170M4168	170M4218	170M4268	
		900	155,000	850,000	100	170M4019 ¹	170M4069 ¹	170M4119 ¹	170M4169 ¹	170M4219 ¹	170M4269 ¹	
		400	11,000	74,000	65	170M5008	170M5058	170M5108	170M5158	170M5208	170M5258	
		450	15,500	105,000	70	170M5009	170M5059	170M5109	170M5159	170M5209	170M5259	
		500	21,500	145,000	75	170M5010	170M5060	170M5110	170M5160	170M5210	170M5260	
		550	28,000	190,000	80	170M5011	170M5061	170M5111	170M5161	170M5211	170M5261	
2	690 V a.c. (IEC)	630	41,000	275,000	90	170M5012	170M5062	170M5112	170M5162	170M5212	170M5262	
		700	60,500	405,000	95	170M5013	170M5063	170M5113	170M5163	170M5213	170M5263	
		800	86,000	575,000	105	170M5014	170M5064	170M5114	170M5164	170M5214	170M5264	
		900	125,000	840,000	110	170M5015	170M5065	170M5115	170M5165	170M5215	170M5265	
		1000	180,000	1,250,000	115	170M5016	170M5066	170M5116	170M5166	170M5216	170M5266	
	700 V a.c. (UL)	1100	245,000	1,600,000	120	170M5017	170M5067	170M5117	170M5167	170M5217	170M5267	
		1250	365,000	2,400,000	130	170M5018	170M5068	170M5118	170M5168	170M5218	170M5268	
		500	14,000	95,000	95	170M6008	170M6058	170M6108	170M6158	170M6208	170M6258	
		550	19,500	135,000	100	170M6009	170M6059	170M6109	170M6159	170M6209	170M6259	
		630	31,000	210,000	105	170M6010	170M6060	170M6110	170M6160	170M6210	170M6260	
3	690 V a.c. (IEC)	700	44,500	300,000	110	170M6011	170M6061	170M6111	170M6161	170M6211	170M6261	
		800	69,500	465,000	115	170M6012	170M6062	170M6112	170M6162	170M6212	170M6262	
		900	100,000	670,000	120	170M6013	170M6063	170M6113	170M6163	170M6213	170M6263	
		1000	140,000	945,000	125	170M6014	170M6064	170M6114	170M6164	170M6214	170M6264	
		1100	190,000	1,300,000	130	170M6015	170M6065	170M6115	170M6165	170M6215	170M6265	
		1250	290,000	1,950,000	140	170M6016	170M6066	170M6116	170M6166	170M6216	170M6266	
	700 V a.c. (UL)	1400	370,000	2,450,000	155	170M6017	170M6067	170M6117	170M6167	170M6217	170M6267	
		1500	460,000	3,100,000	160	170M6018	170M6068	170M6118	170M6168	170M6218	170M6268	
		1600	580,000	3,900,000	160	170M6019	170M6069	170M6119	170M6169	170M6219	170M6269	
		1800	880,000	5,250,000	165	170M6020 ²	170M6070 ²	170M6120	170M6170 ²	170M6220 ²	170M6270	
		600 V a.c. IEC / 550 V a.c. UL	1800	880,000	5,250,000	165	170M6020 ²	170M6070 ²	170M6120	170M6170 ²	170M6220 ²	170M6270
		550 V a.c. IEC/UL	2000	1,150,000	6,350,000	175	170M6021	170M6071	170M6121	170M6171	170M6221	170M6271

Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

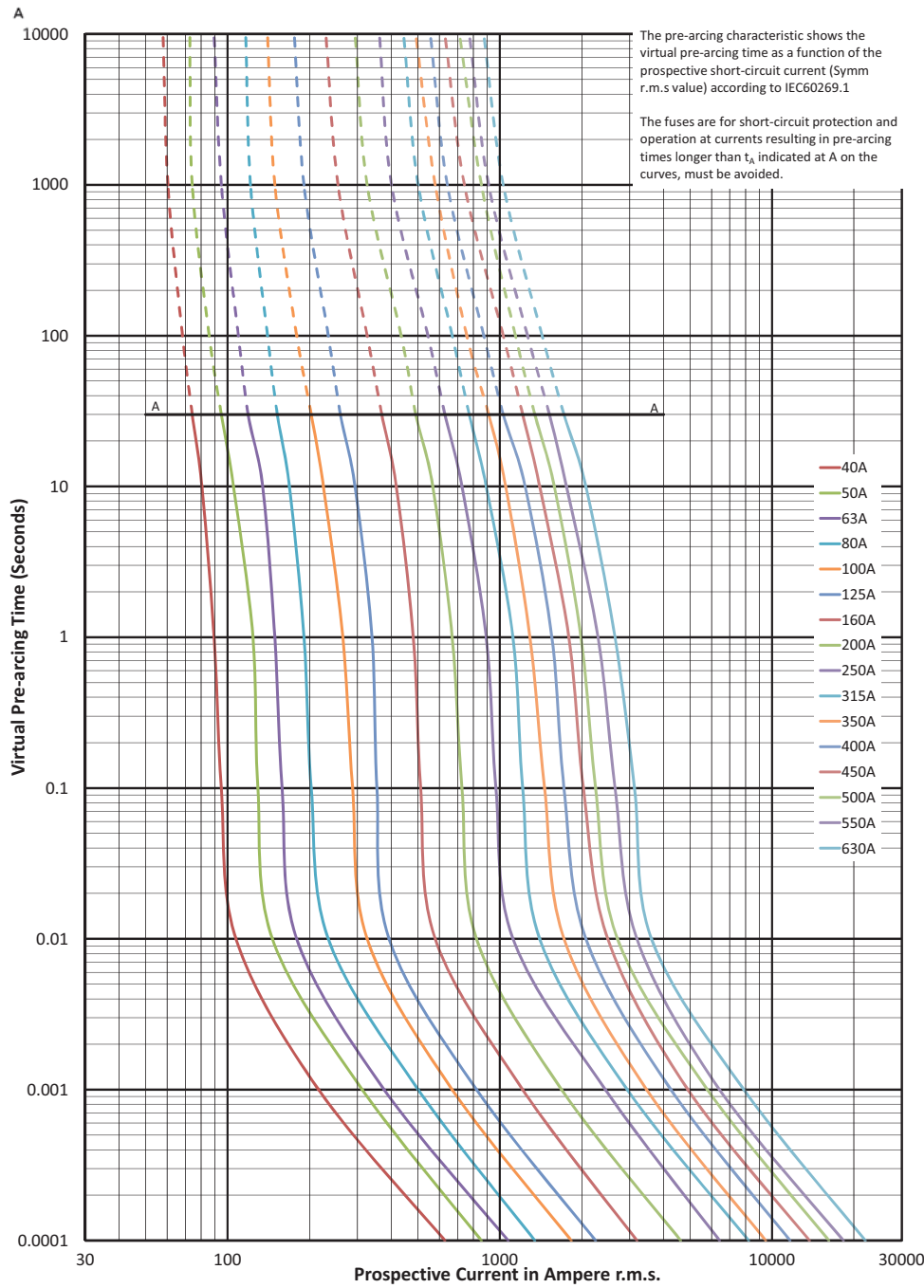
¹ Not UL Approved IEC

² Rated at 750 V d.c. 12XIn 130 kA when two fuses connected in series

Square body fuse links

170M - Sizes 1* to 3, DIN 43653, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Time-current curve - Size 1*, 40 A to 630 A

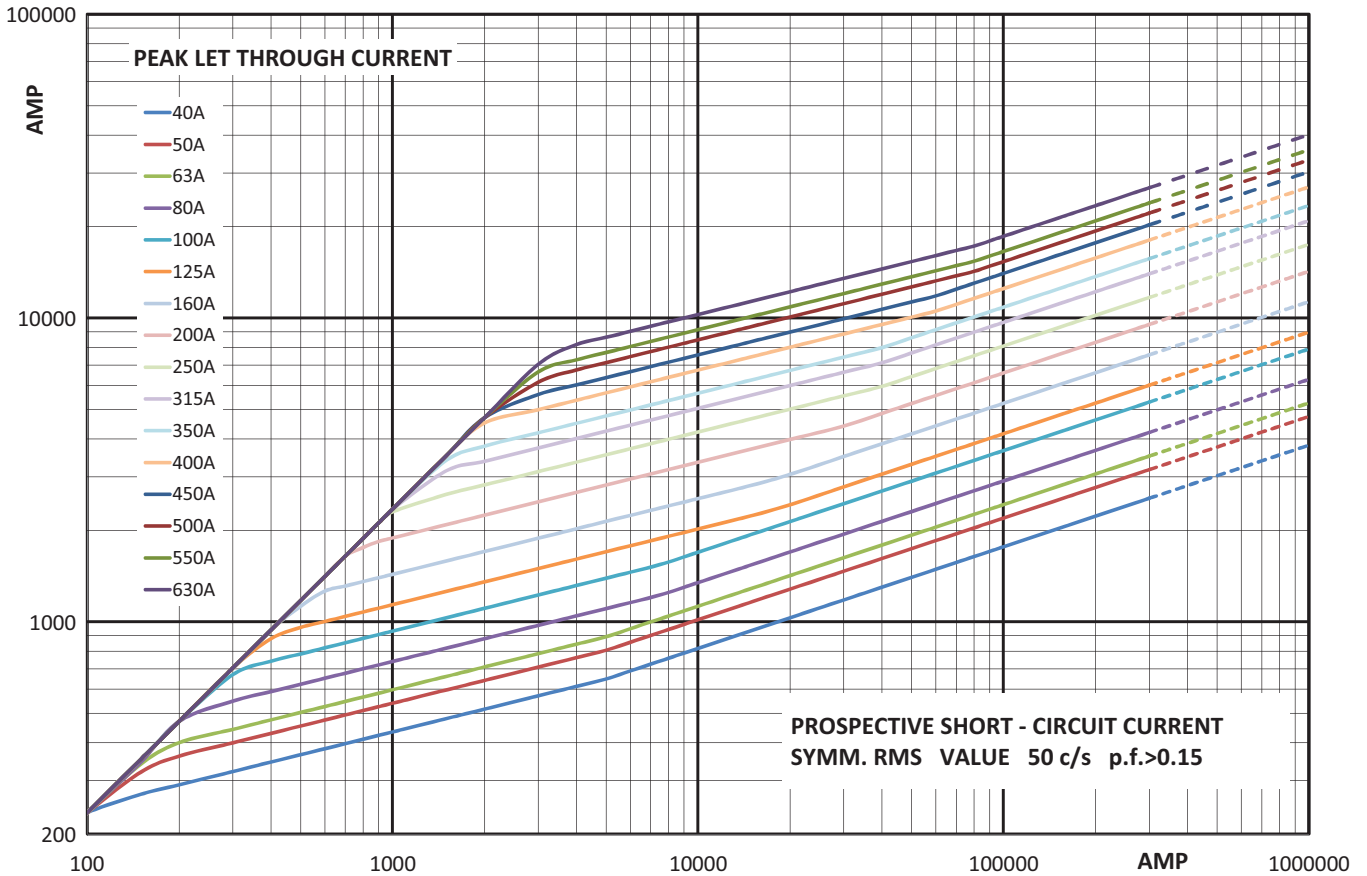


$K_b = 1$ $N = 1,5$

Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

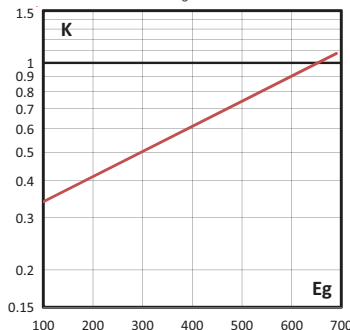
170M - Sizes 1* to 3, DIN 43653, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Cut-off curve - Size 1*, 40 A to 630 A



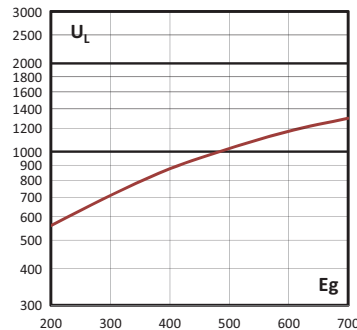
Total clearing I²t

The total clearing I²t at rated voltage and at a power factor of 15 percent are given in the electrical characteristics. For other voltages, the clearing I²t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g, (RMS).



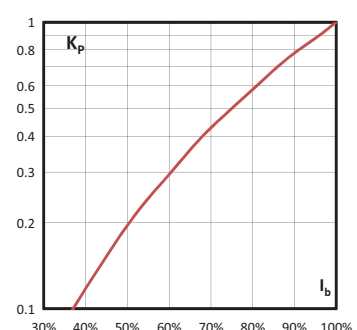
Arc voltage

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 percent.



Watts losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the watts 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 percent of the rated current.

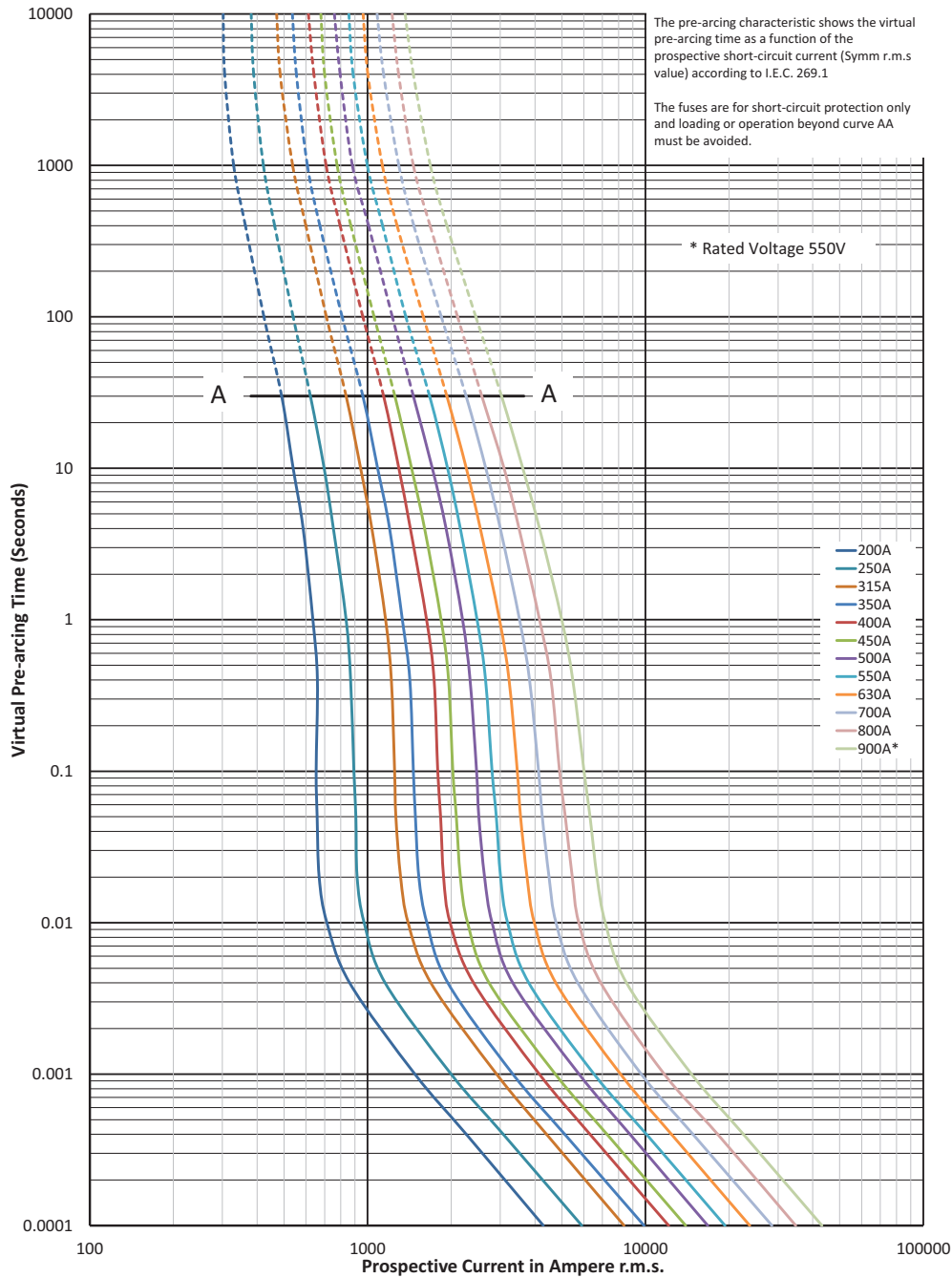


Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

Square body fuse links

170M - Sizes 1* to 3, DIN 43653, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Time-current curve - Size 1, 200 A to 900 A

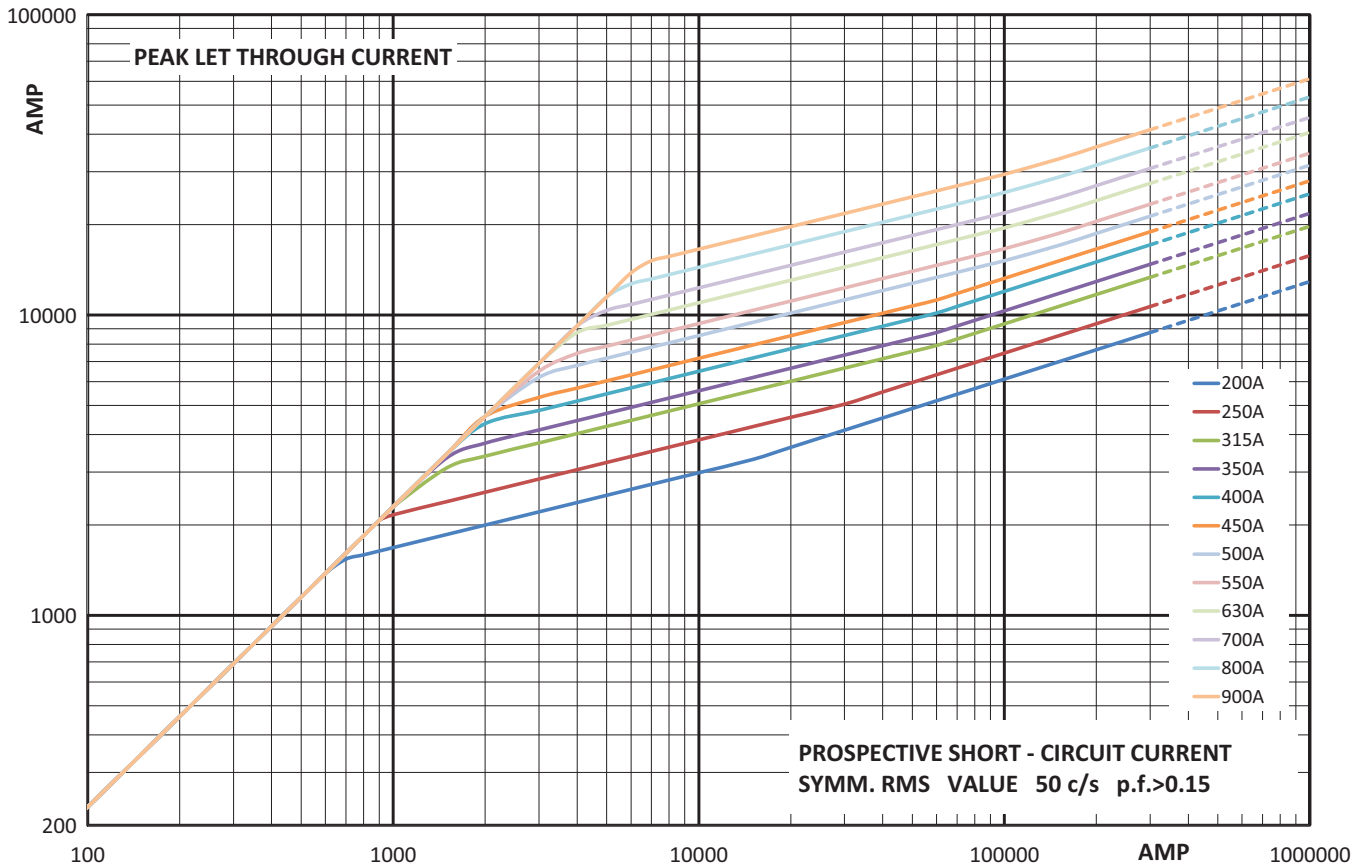


$K_b = 1$ $N = 1.5$

Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

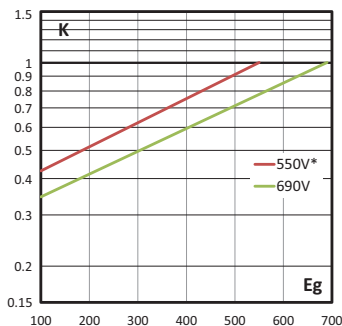
170M - Sizes 1* to 3, DIN 43653, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Cut-off curve - Size 1, 200 A to 900 A



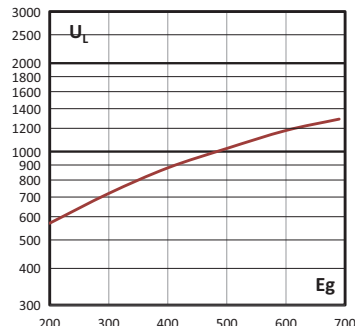
Total clearing I^2t

The total clearing I^2t at rated voltage and at a power factor of 15 percent 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).



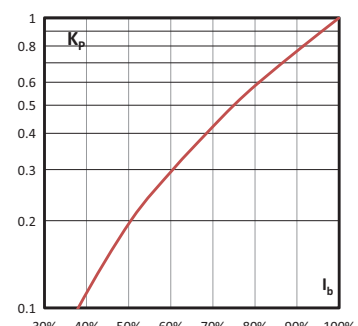
Arc voltage

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 percent.



Watts losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the watts 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 percent of the rated current.

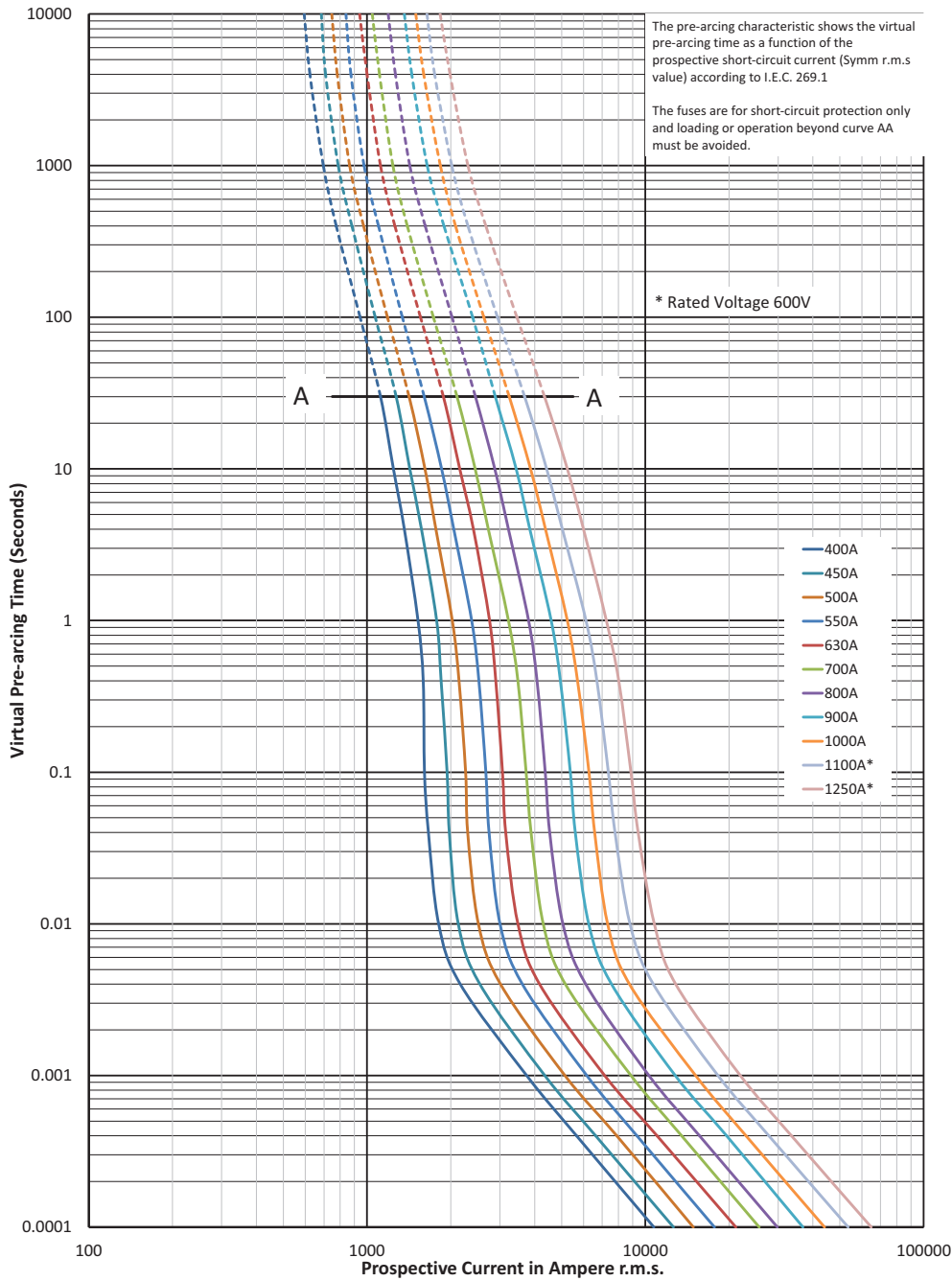


Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

Square body fuse links

170M - Sizes 1* to 3, DIN 43653, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Time-current curve - Size 2, 400 A to 1250 A

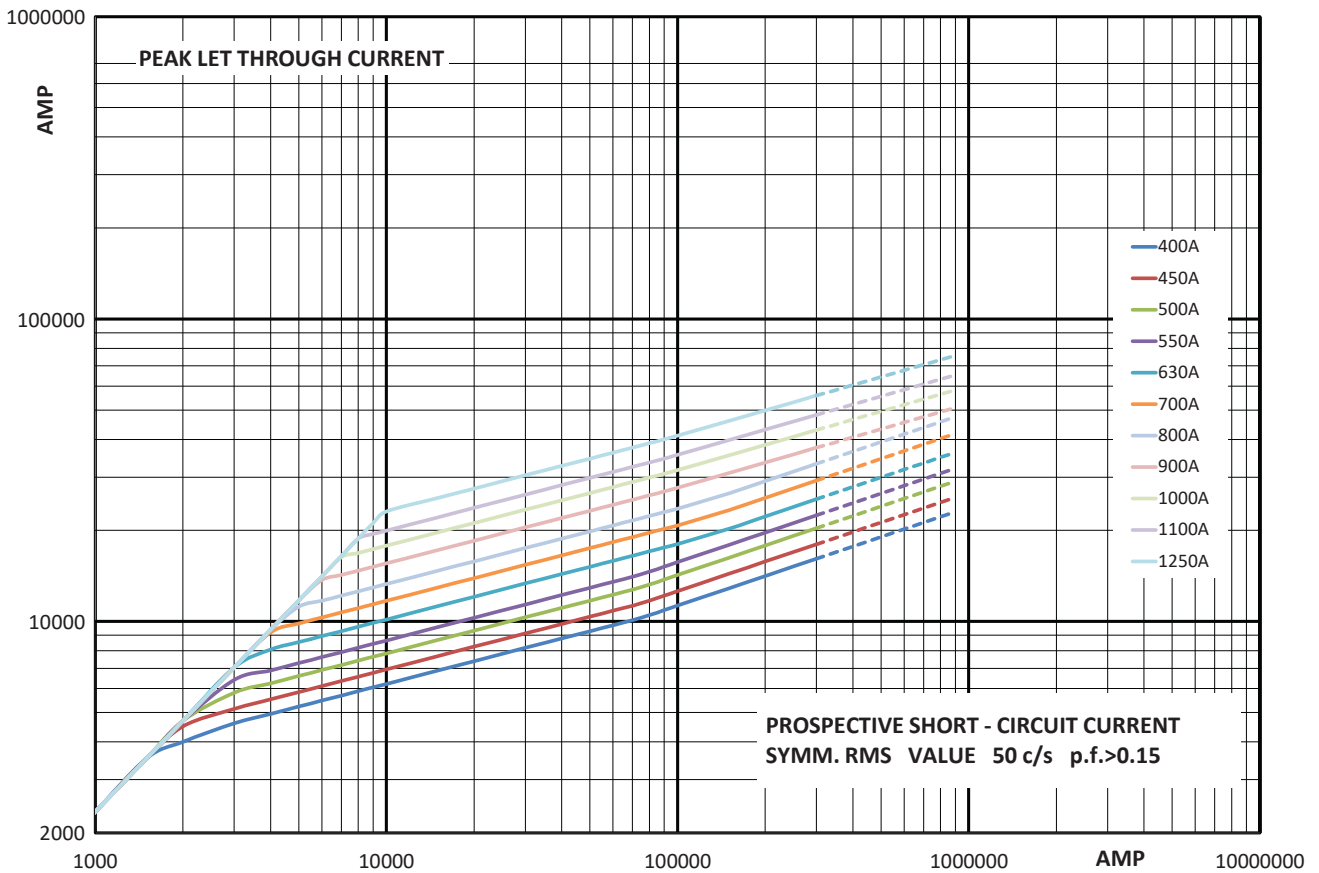


$K_b = 1$ $N = 1.5$

Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

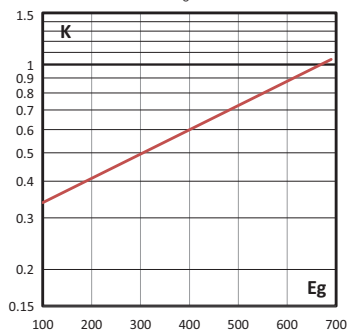
170M - Sizes 1* to 3, DIN 43653, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Cut-off curve - Size 2, 400 A to 1250 A



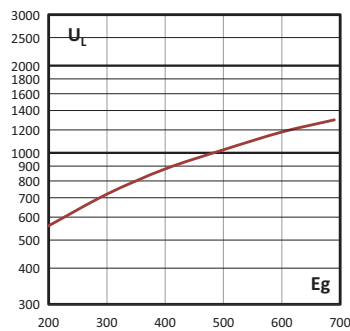
Total clearing I^2t

The total clearing I^2t at rated voltage and at a power factor of 15 percent 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).



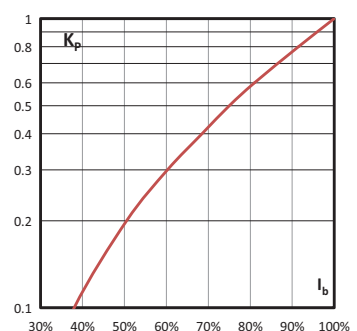
Arc voltage

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 percent.



Watts losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the watts 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 percent of the rated current.

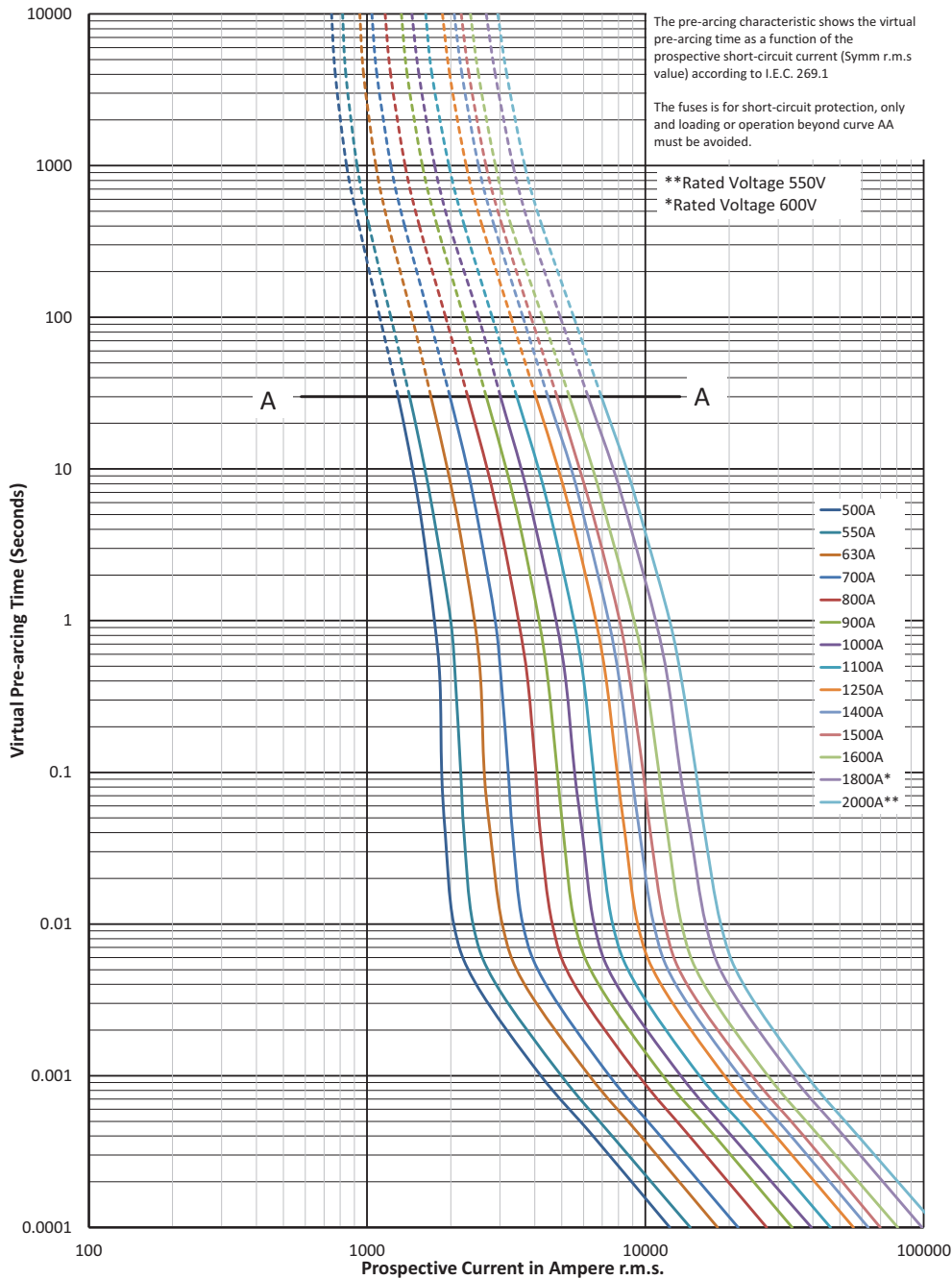


Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

Square body fuse links

170M - Sizes 1* to 3, DIN 43653, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

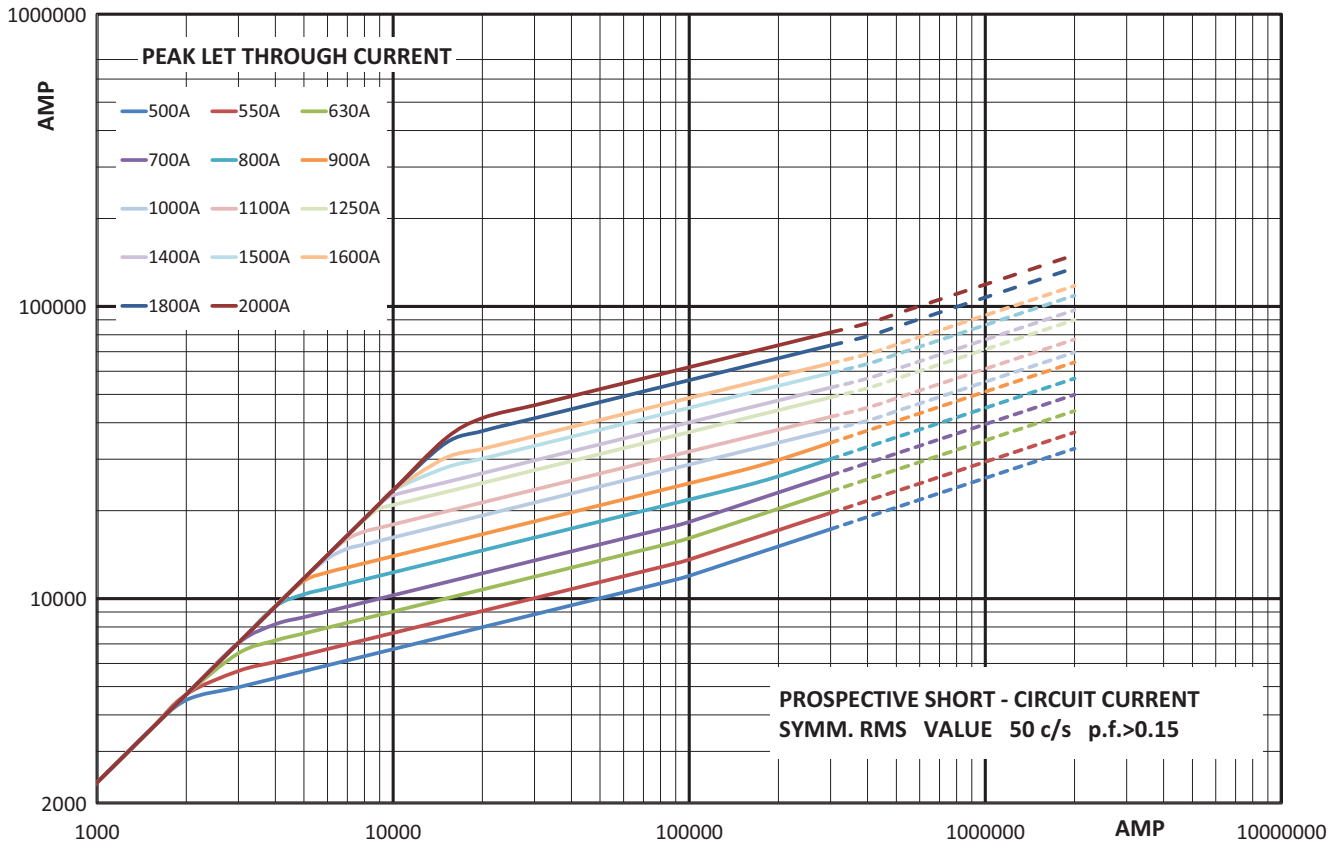
Time-current curve - Size 3, 500 A to 2000 A



$K_b = 1$ $N = 1.5$

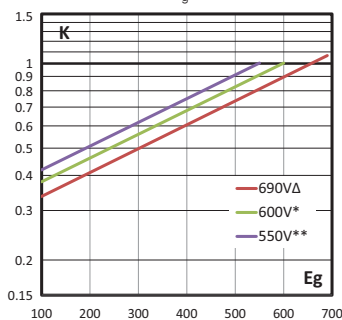
170M - Sizes 1* to 3, DIN 43653, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Cut-off curve - Size 3, 500 A to 2000 A



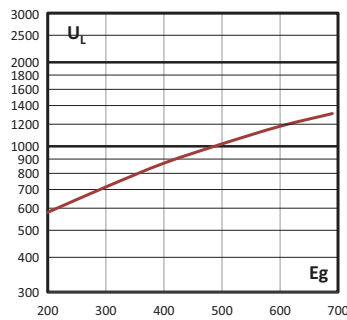
Total clearing I²t

The total clearing I²t at rated voltage and at a power factor of 15 percent are given in the electrical characteristics. For other voltages, the clearing I²t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g, (RMS).



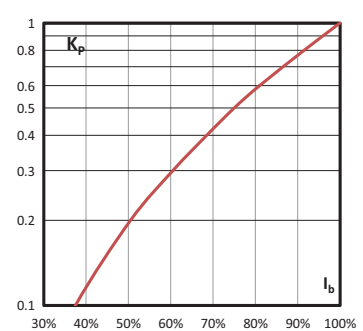
Arc voltage

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 percent.



Watts losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the watts 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 percent of the rated current.



Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

170M - Sizes 1* to 3, Flush end contact, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Specifications

Description

Square body flush end contact high speed fuse links, for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters.

Technical data

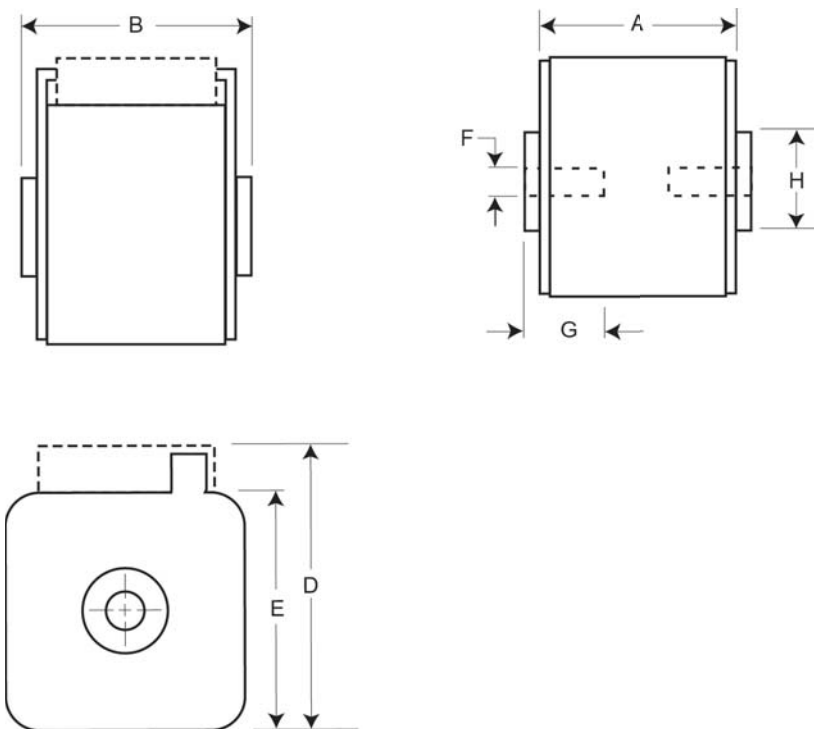
- Rated voltage: see table page 192
- Rated current: 40 A to 2000 A
- Breaking capacity: 200 kA RMS Sym
- Operating class: aR

Standards / Agency information

CE, Designed and tested to IEC 60269 Part 4. Consult Eaton for UL Recognition, CSA Component Acceptance Status and CCC approvals



Dimensions (mm)



Size	A	B	D ³	E	F	F ¹ (in)	G min	H
1*	50	51	59	45	M8	5/16" -18 UNC-2B	5	N17
1	50	51	69	53	M8	5/16" -18 UNC-2B	8	N20
2	50	51 (400 - 1000 A) 65 (1100 and 1250 (A))	77	61	M10	3/8" -16 UNC-2B	10	N24
3	51	53 (500 - 1500 A) 65 (1600 - 2000 A)	92	76	M12	1/2" -13 UNC-2B	10	N30

¹ Valid for fuse links type -G- & -GKN/.

³ Valid for fuse links type -BKN/ and -GKN/.

Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

Square body fuse links

170M - Sizes 1* to 3, Flush end contact, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Fuse link body size	Rated voltage	Rated current (Amps)	I ² t (A ² Sec)			Catalogue numbers				
			Pre-arcing	Clearing at 660 V a.c.	Watts loss (W)	-B/- visual indicator	-BKN/- Type K indicator for micro	-G/- visual indicator	-GKN/- Type K indicator for micro	
1*	690 V a.c. (IEC) 700 V a.c. (UL)	40	40	270	9	170M3408	170M3458	170M3508	170M3558	
		50	77	515	11	170M3409	170M3459	170M3509	170M3559	
		63	115	770	14	170M3410	170M3460	170M3510	170M3560	
		80	185	1250	18	170M3411	170M3461	170M3511	170M3561	
		100	360	2450	21	170M3412	170M3462	170M3512	170M3562	
		125	550	3700	26	170M3413	170M3463	170M3513	170M3563	
		160	1100	7500	30	170M3414	170M3464	170M3514	170M3564	
		200	2200	15,000	35	170M3415	170M3465	170M3515	170M3565	
		250	4200	28,500	40	170M3416	170M3466	170M3516	170M3566	
		315	7000	46,500	50	170M3417	170M3467	170M3517	170M3567	
		350	10,000	68,500	55	170M3418	170M3468	170M3518	170M3568	
		400	15,000	105,000	60	170M3419	170M3469	170M3519	170M3569	
		450	21,000	140,000	65	170M3420	170M3470	170M3520	170M3570	
		500	27,000	180,000	70	170M3421	170M3471	170M3521	170M3571	
		550	34,000	230,000	75	170M3422	170M3472	170M3522	170M3572	
		630	48,500	325,000	80	170M3423	170M3473	170M3523	170M3573	
1	690 V a.c. (IEC) 700 V a.c. (UL)	200	1650	11,500	45	170M4408	170M4458	170M4508	170M4558	
		250	3100	21,000	55	170M4409	170M4459	170M4509	170M4559	
		315	6200	42,000	58	170M4410	170M4460	170M4510	170M4560	
		350	8500	59,000	60	170M4411	170M4461	170M4511	170M4561	
		400	13,500	91,500	65	170M4412	170M4462	170M4512	170M4562	
		450	17,000	120,000	70	170M4413	170M4463	170M4513	170M4563	
		500	25,000	170,000	72	170M4414	170M4464	170M4514	170M4564	
		550	34,000	230,000	75	170M4415	170M4465	170M4515	170M4565	
		630	52,000	350,000	80	170M4416	170M4466	170M4516	170M4566	
		700	69,500	465,000	85	170M4417	170M4467	170M4517	170M4567	
2	690 V a.c. (IEC) 700 V a.c. (UL)	800	105,000	725,000	95	170M4418	170M4468	170M4518	170M4568	
		900	155,000	850,000	100	170M4419	170M4469	170M4519	170M4569	
		400	11,000	74,000	65	170M5408	170M5458	170M5508	170M5558	
		450	15,500	105,000	70	170M5409	170M5459	170M5509	170M5559	
		500	21,500	145,000	75	170M5410	170M5460	170M5510	170M5560	
		550	28,000	190,000	80	170M5411	170M5461	170M5511	170M5561	
		630	41,000	275,000	90	170M5412	170M5462	170M5512	170M5562	
		700	60,500	405,000	95	170M5413	170M5463	170M5513	170M5563	
		800	86,000	575,000	105	170M5414	170M5464	170M5514	170M5564	
		900	125,000	840,000	110	170M5415	170M5465	170M5515	170M5565	
3	690 V a.c. (IEC) 700 V a.c. (UL)	1000	180,000	1,250,000	115	170M5416	170M5466	170M5516	170M5566	
		600 V a.c. (IEC) 700 V a.c. (UL)	1100	245,000	1,600,000	120	170M5417	170M5467	170M5517	170M5567
		1250	365,000	2,400,000	130	170M5418	170M5468	170M5518	170M5568	
		500	14,000	95,000	95	170M6408	170M6458	170M6508	170M6558	
		550	19,500	135,000	100	170M6409	170M6459	170M6509	170M6559	
		630	31,000	210,000	105	170M6410	170M6460	170M6510	170M6560	
		700	44,500	300,000	110	170M6411	170M6461	170M6511	170M6561	
		800	69,500	465,000	115	170M6412	170M6462	170M6512	170M6562	
		900	100,000	670,000	120	170M6413	170M6463	170M6513	170M6563	
		1000	140,000	945,000	125	170M6414	170M6464	170M6514	170M6564	
3	690 V a.c. (IEC) 700 V a.c. (UL)	1100	190,000	1,300,000	130	170M6415	170M6465 ¹	170M6515	170M6565	
		1250	290,000	1,950,000	140	170M6416	170M6466	170M6516	170M6566	
		1400	370,000	2,450,000	155	170M6417	170M6467 ¹	170M6517	170M6567	
		1500	460,000	3,100,000	160	170M6418	170M6468	170M6518	170M6568	
		1600	580,000	3,900,000	160	170M6419	170M6469	170M6519	170M6569	
		600 V a.c. (IEC) / 500 V a.c. (UL)	1800	880,000	5,250,000	165	170M6420 ²	170M6470	170M6520 ²	170M6570
		550 V a.c. (IEC) / 500 V a.c. (UL)	2000	1,150,000	6,350,000	175	170M6421	170M6471	170M6521	170M6571

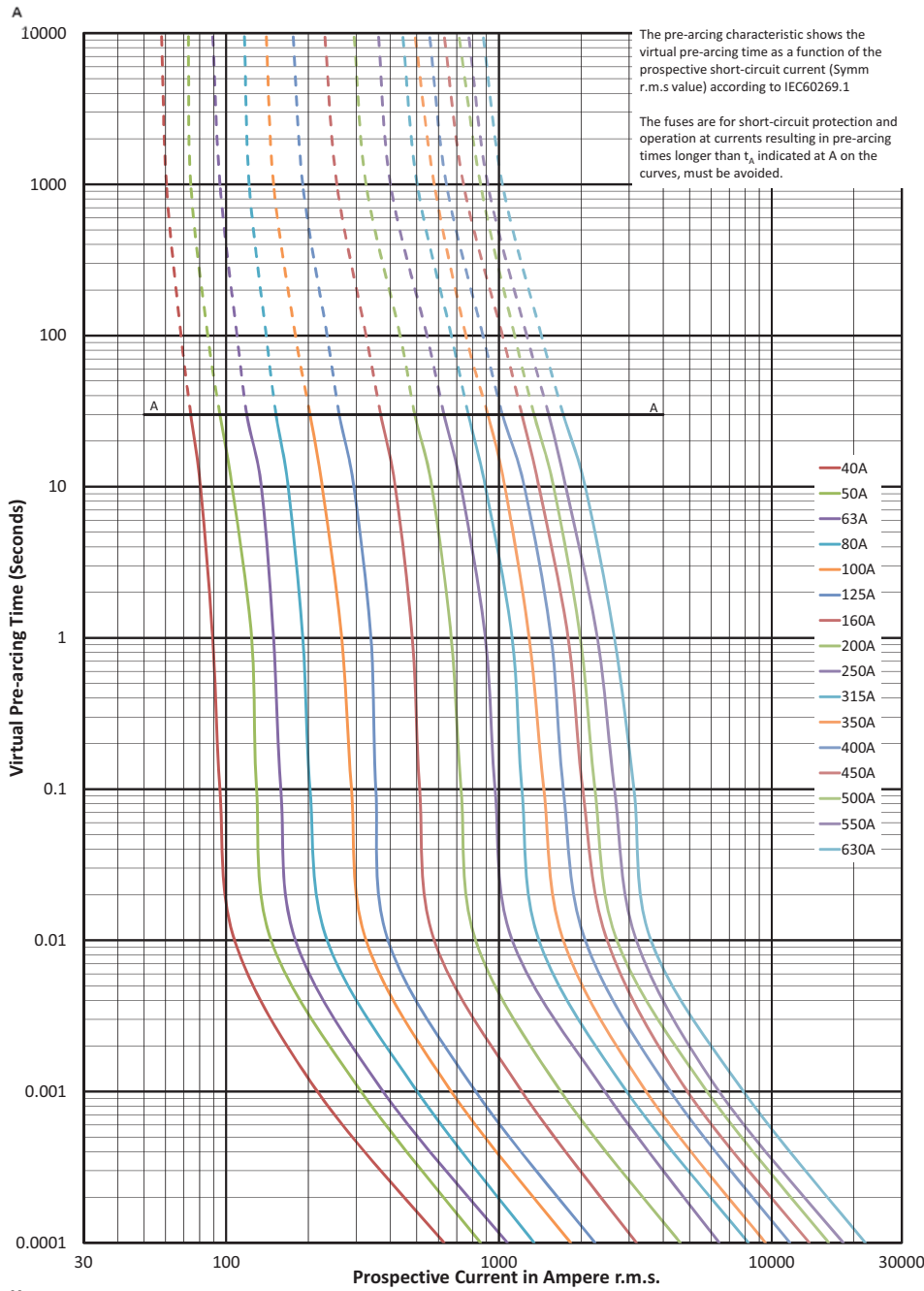
¹ 170M6465 and 170M6467 rated at 800 V d.c. UL 85kA 3ms TC when two fuses are connected in series

² 170M6420 and 170M6520 rated at 750 V d.c. 12XIn 130 kA when two fuses are connected in series

Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

170M - Sizes 1* to 3, Flush end contact, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Time-current curve - Size 1*, 40 A to 630 A



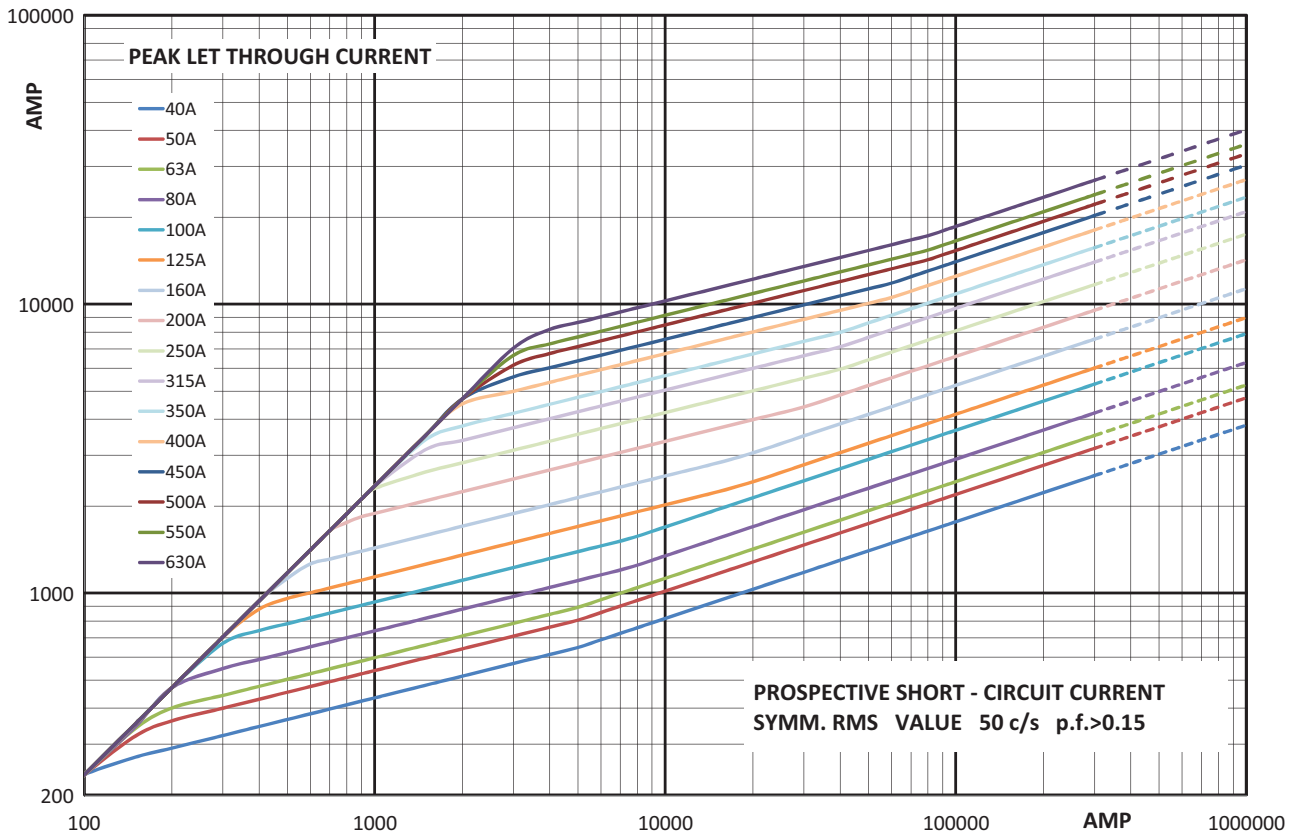
$K_b = 1 \quad N = 1,5$

Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

Square body fuse links

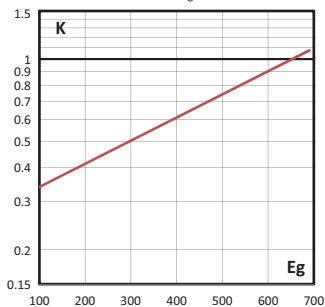
170M - Sizes 1* to 3, Flush end contact, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Cut-off curve - Size 1*, 40 A to 630 A



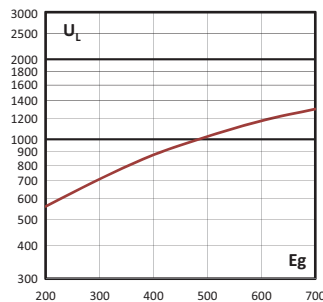
Total clearing I^2t

The total clearing I^2t at rated voltage and at a power factor of 15 percent 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).



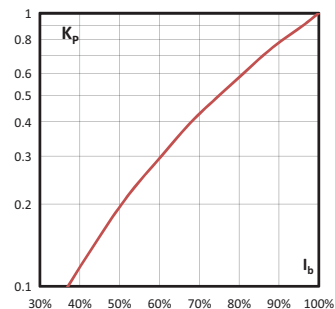
Arc voltage

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 percent.



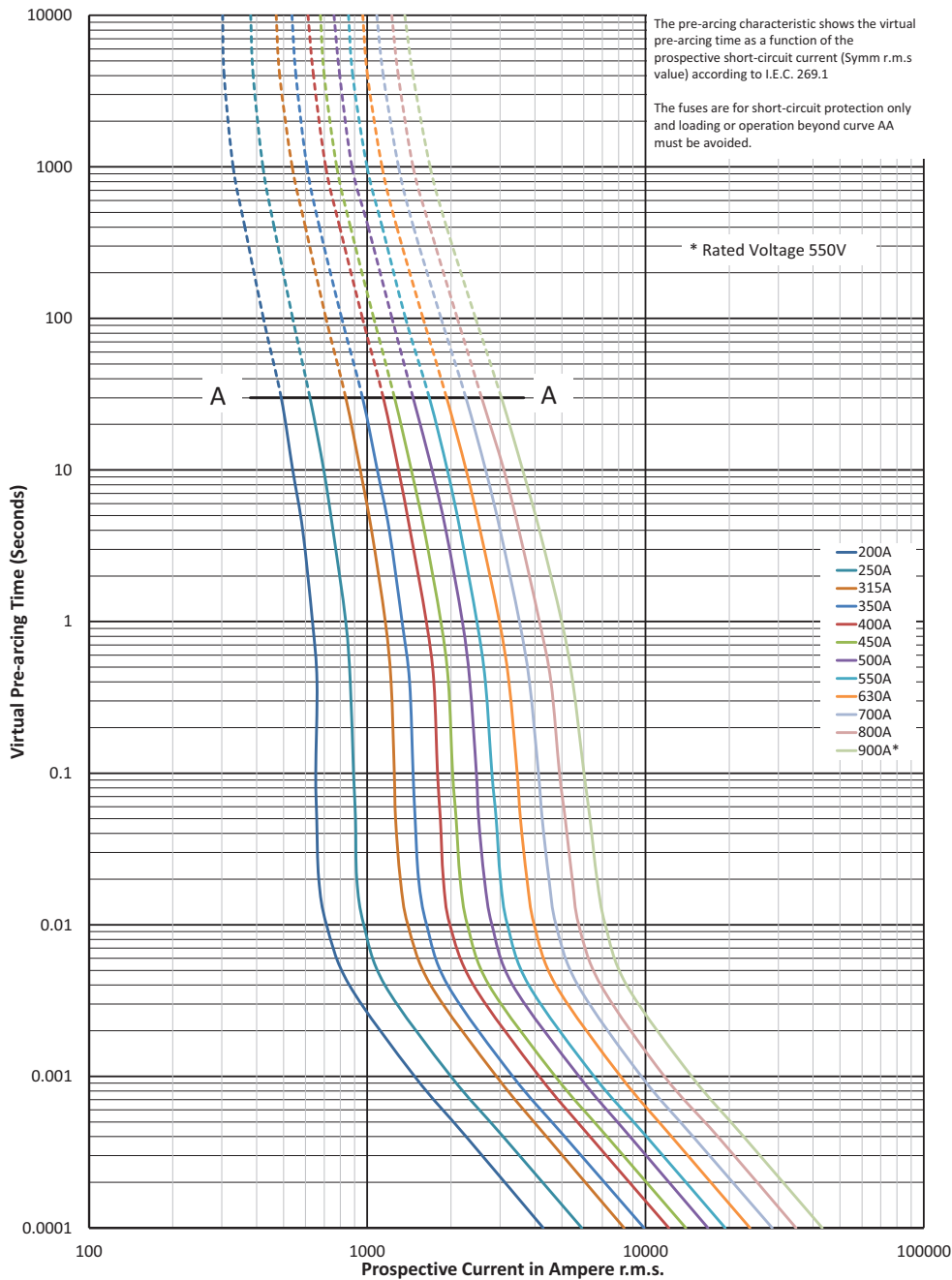
Watts losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the watts 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 percent of the rated current.



170M - Sizes 1* to 3, Flush end contact, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Time-current curve - Size 1, 200 A to 900 A



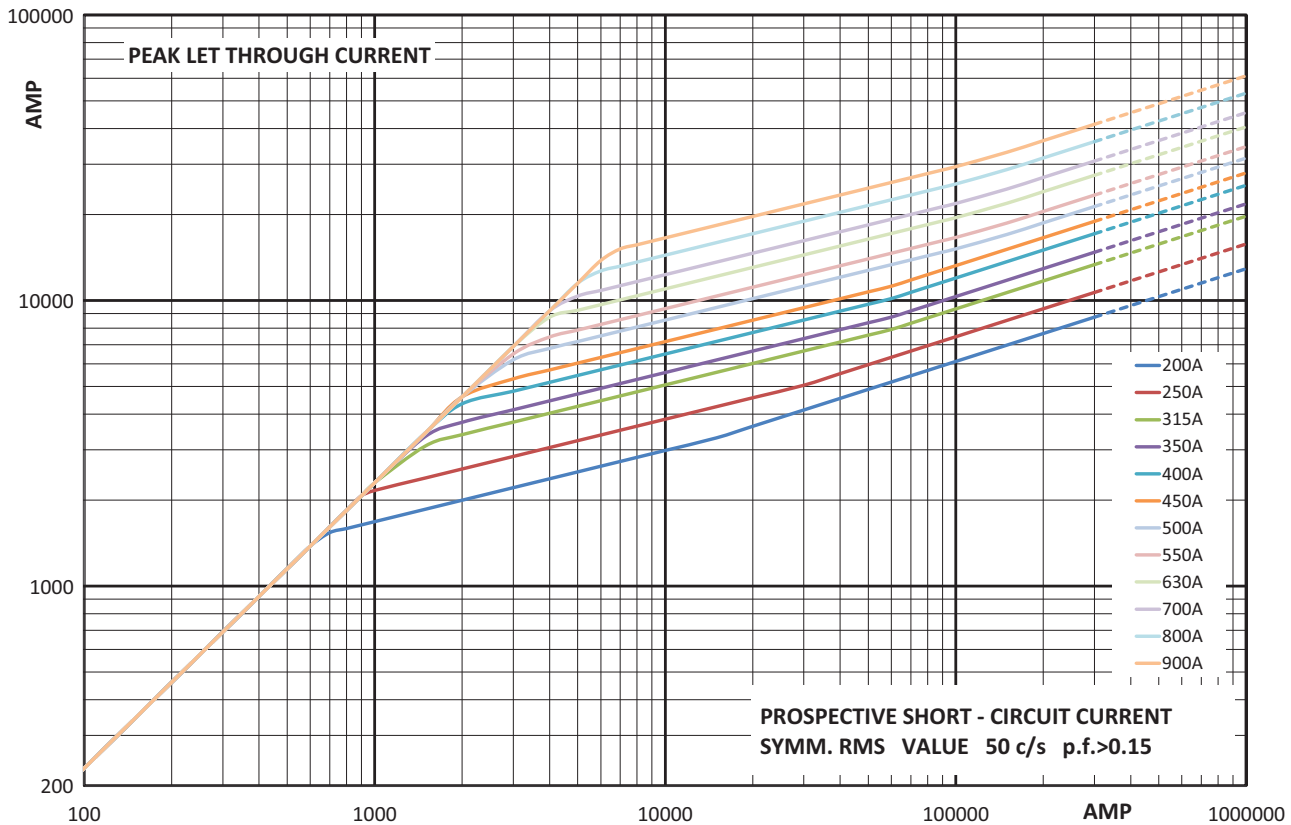
$K_b = 1 \quad N = 1.5$

Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

Square body fuse links

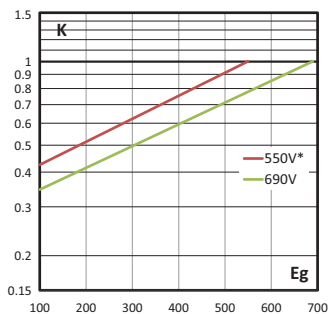
170M - Sizes 1* to 3, Flush end contact, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Cut-off curve - Size 1, 200 A to 900 A



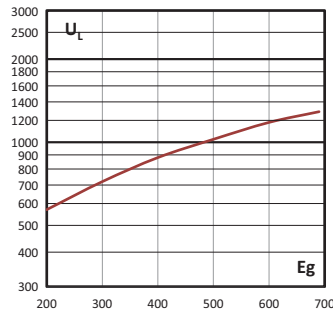
Total clearing I^2t

The total clearing I^2t at rated voltage and at a power factor of 15 percent 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).



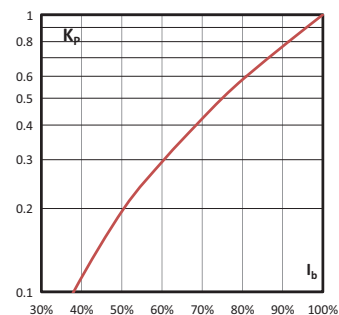
Arc voltage

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 percent.



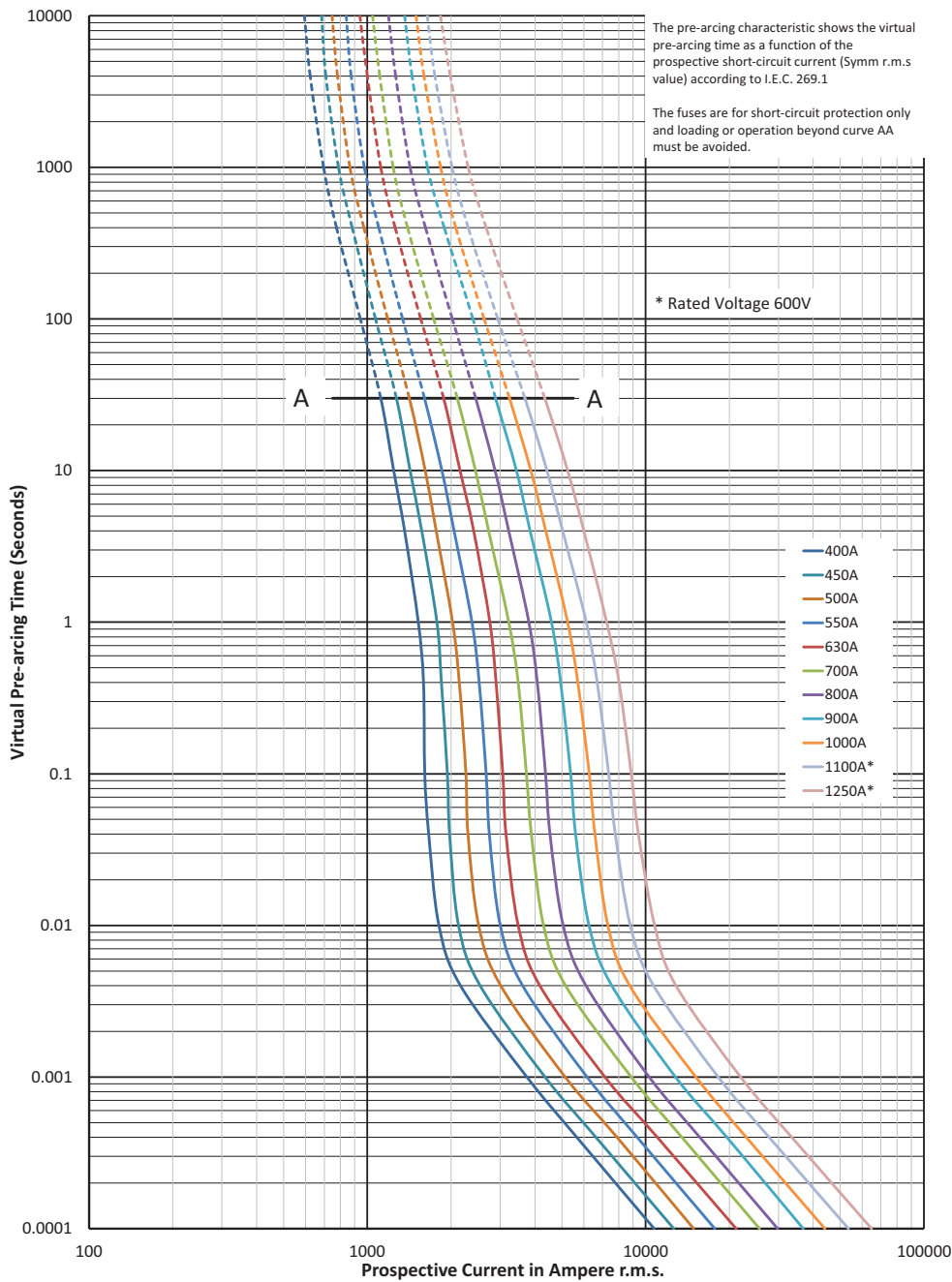
Watts losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the watts 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 percent of the rated current.



170M - Sizes 1* to 3, Flush end contact, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Time-current curve - Size 2, 400 A to 1250 A

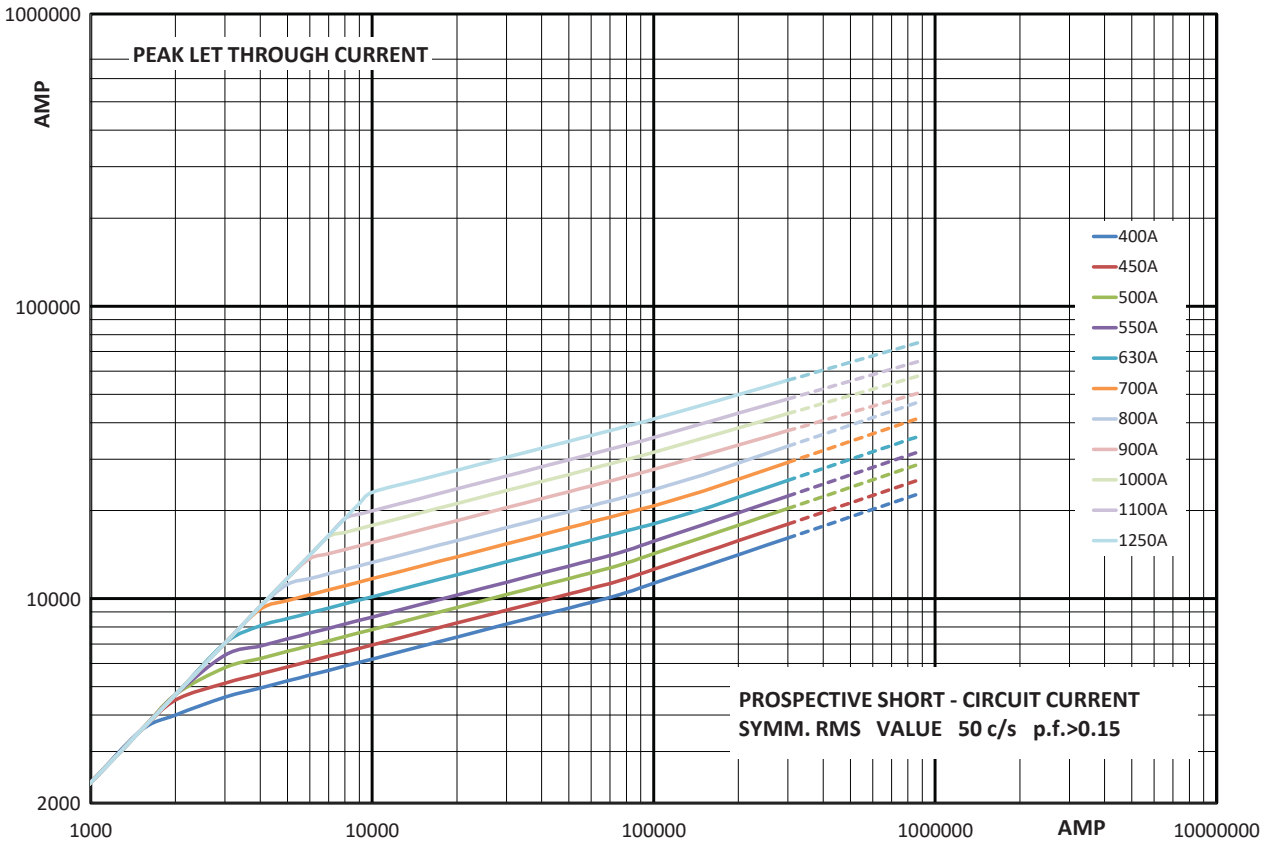


Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

Square body fuse links

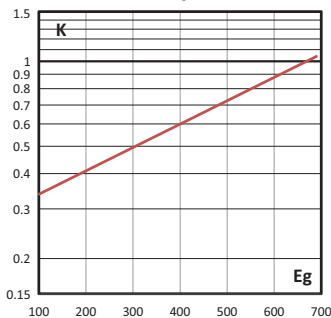
170M - Sizes 1* to 3, Flush end contact, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Cut-off curve - Size 2, 400 A to 1250 A



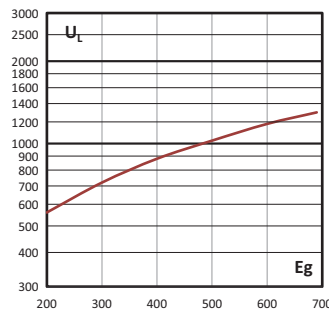
Total clearing I^2t

The total clearing I^2t at rated voltage and at a power factor of 15 percent 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).



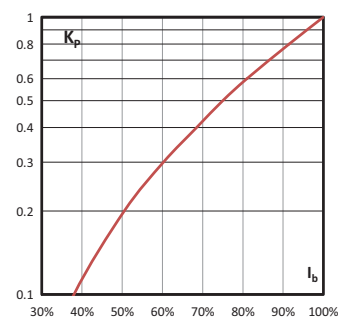
Arc voltage

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 percent.



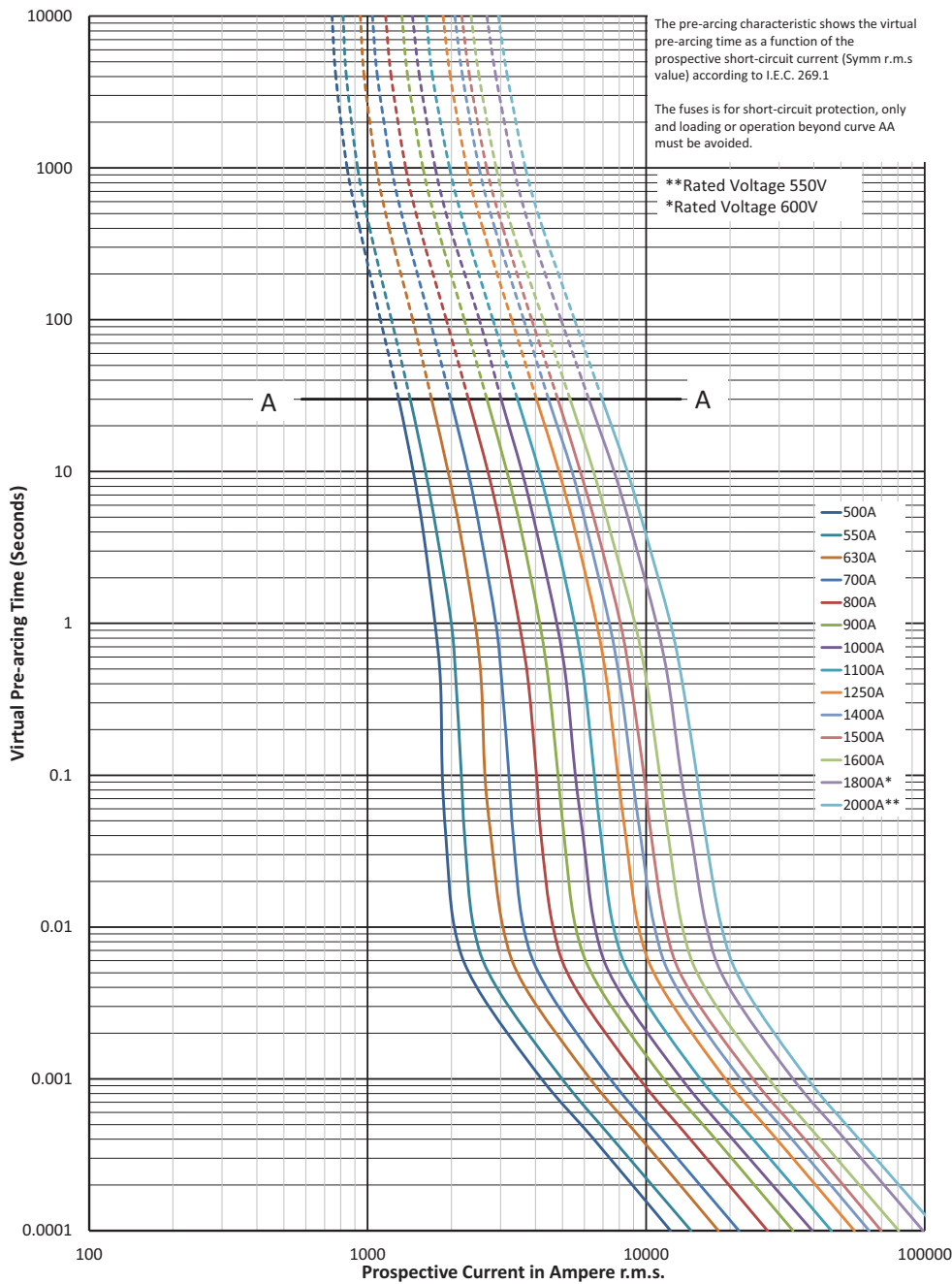
Watts losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the watts 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 percent of the rated current.



170M - Sizes 1* to 3, Flush end contact, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Time-current curve - Size 3, 500 A to 2000 A

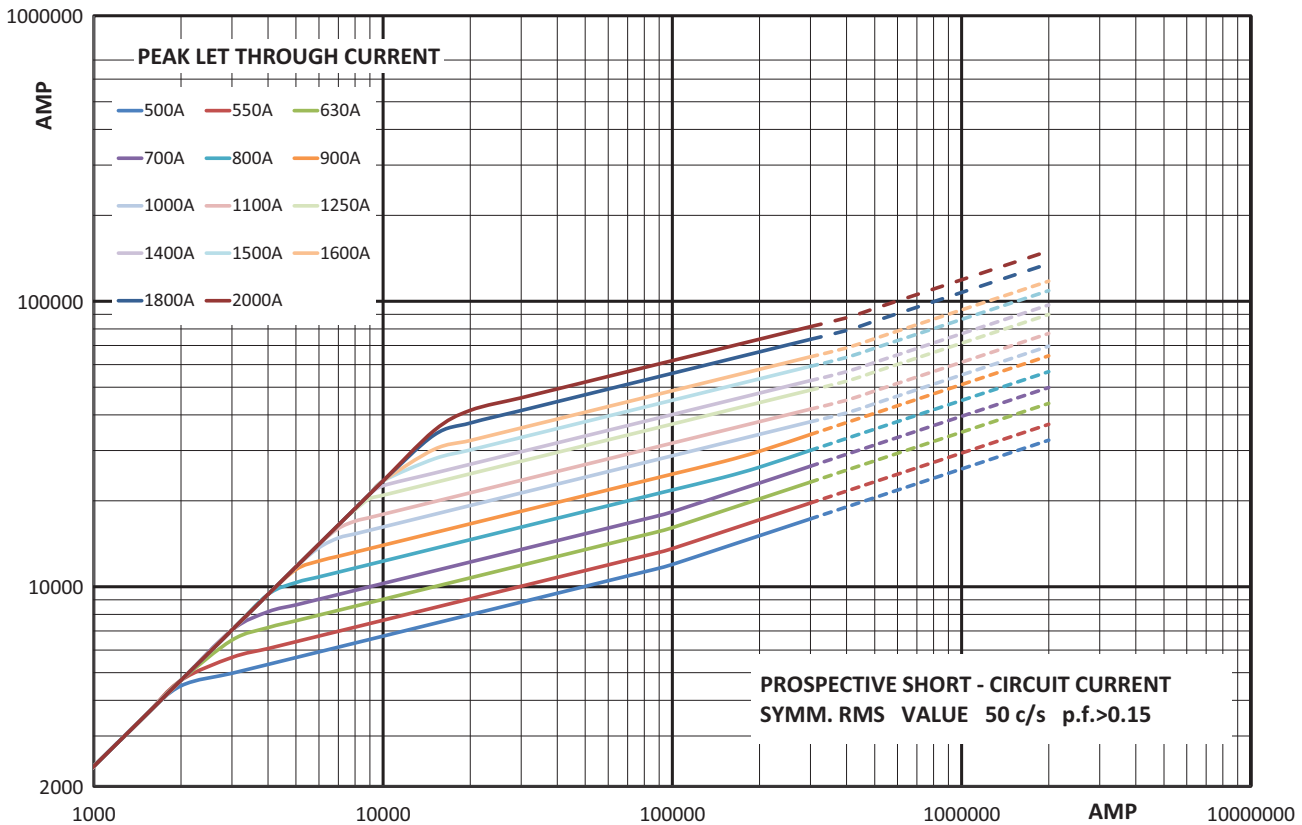


Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

Square body fuse links

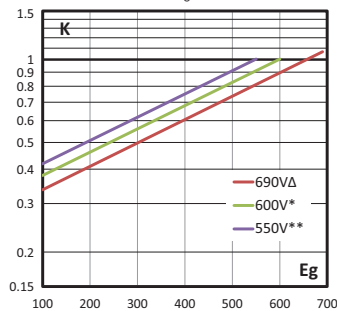
170M - Sizes 1* to 3, Flush end contact, 690 V a.c. (IEC), 700 V a.c. (UL), 40 A to 2000 A

Cut-off curve - Size 3, 500 A to 2000 A



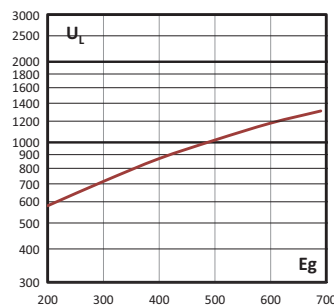
Total clearing I²t

The total clearing I²t at rated voltage and at a power factor of 15 percent are given in the electrical characteristics. For other voltages, the clearing I²t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g, (RMS).



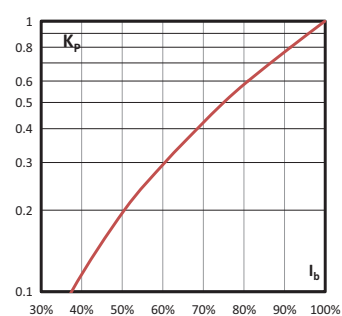
Arc voltage

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 percent.



Watts losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the watts 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 percent of the rated current.



Data sheets: 170K6314 (Size 1*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)