

## 170M — Square Body size 000 and 00, DIN 43653

690 Vac (IEC), 700 Vac/dc (UL), 10 to 400 A

Square body DIN 43653 bolted tags high speed fuses, for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Available with and without visual indicator, and Type T indicator for a microswitch.

### Ratings

- Volts
  - 690 Vac (IEC, size 000 and 00)
  - 700 Vac (UL, size 000; size 00 100-400 A only)
  - 700 Vdc (UL, size 000)
- Amps 10-400 A
- IR
  - 200 kA RMS Sym.
  - 50 kA at 700 Vdc (size 000 only)

### Operating class

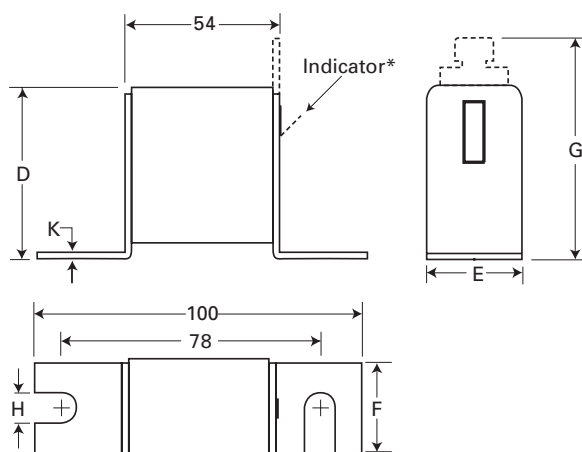
- gR - size 000 (10-63 A), size 00 (25-80 A)
- aR - size 000 (>63 A), size 00 (>80 A)

### Agency Information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085
- CSA Class 53787, File 1422-30 on size 000
- CCC
- CE

### Dimensions — mm

The dotted line represents the Type T indicator fuse.



### Type -U/80, -/80, -TN/80

Size	D	E	F	G	H	K
000	40	21	20	51	8	2
00	51	30	28	67	10	2

\* Indicator for size 00 fuses is a red pin.



For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6310 (Size 000), 170K6312 (Size 00)

**170M — Square Body size 000 and 00, DIN 43653**

690 Vac (IEC), 700 Vac/dc (UL), 10 to 400 A

Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)			Catalog no.		-TN/80 Type T indicator for microswitch
			Pre-Arcing	Clearing at 660 Vac	Watts loss (W)†	-U/80 without indicator	-/80 with indicator	
000	690 Vac (IEC) 700 Vac/dc (UL)	10	3.8	25.5	3.0	170M1308	170M1358	170M1408
		16	7.2	48.0	5.5	170M1309	170M1359	170M1409
		20	11.5	78.0	7.0	170M1310	170M1360	170M1410
		25	19.0	130.0	9.0	170M1311	170M1361	170M1411
		32	40.0	270.0	10.0	170M1312	170M1362	170M1412
		40	69.0	460.0	12.0	170M1313	170M1363	170M1413
		50	115.0	770.0	15.0	170M1314	170M1364	170M1414
		63	215.0	1450.0	16.0	170M1315	170M1365	170M1415
		80	380.0	2550.0	19.0	170M1316	170M1366	170M1416
		100	695.0	4650.0	24.0	170M1317	170M1367	170M1417
		125	1250.0	8500.0	28.0	170M1318	170M1368	170M1418
		160	2350.0	16,000.0	32.0	170M1319	170M1369	170M1419
		200	4200.0	28,000.0	37.0	170M1320	170M1370	170M1420
		250	7750.0	51,500.0	42.0	170M1321	170M1371	170M1421
		315	12,000.0	80,500.0	53.0	170M1322	170M1372	170M1422
00	690 Vac (IEC)	25	19.0	130.0	6.0		170M2608	170M2658
		32	28.5	195.0	7.0		170M2609	170M2659
		40	50.0	360.0	9.0		170M2610	170M2660
		50	95.0	640.0	10.0		170M2611	170M2661
		63	170.0	1200.0	12.0		170M2612	170M2662
00	690 Vac (IEC) 700 Vac (UL)	80	310.0	2100.0	15.0		170M2613	170M2663
		100	620.0	4150.0	20.0		170M2614	170M2664
		125	1000.0	6950.0	25.0		170M2615	170M2665
		160	1900.0	13,000.0	30.0		170M2616	170M2666
		200	3400.0	23,000.0	35.0		170M2617	170M2667
		250	6250.0	42,000.0	45.0		170M2618	170M2668
		315	10,000.0	68,500.0	55.0		170M2619	170M2669
		350	13,500.0	91,500.0	60.0		170M2620	170M2670
		400	18,000.0	125,000.0	70.0		170M2621	170M2671

† Watts loss at rated current.

High speed fuses

For details on electrical characteristics, contact Application Engineering and ask for data sheets:170K6310 (Size 000), 170K6312 (Size 00)

## 170M — Square Body size 1\* to 3, DIN 43653

690 Vac (IEC), 700 Vac (UL), 40 to 2000 A

Square body DIN 43653 bolted tags high speed fuses, for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Available with visual indicator, and Type K and T indicator for a microswitch.

### Ratings

- Volts
  - 690 Vac (IEC)/700 Vac (UL)
  - 750 Vdc (UL, see catalog number table for specific fuses)
- Amps 40-2000 A
- IR 200 kA RMS Sym.

### Operating class aR

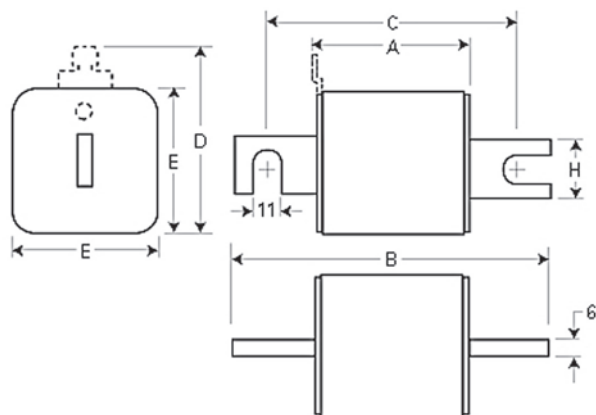
### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2\*, E125085
- CSA Class 53787, File 1422-30\*
- CCC except where noted
- CE

\* Consult your Bussmann series product representative for status.

### Dimensions — mm

1mm = 0.0394"

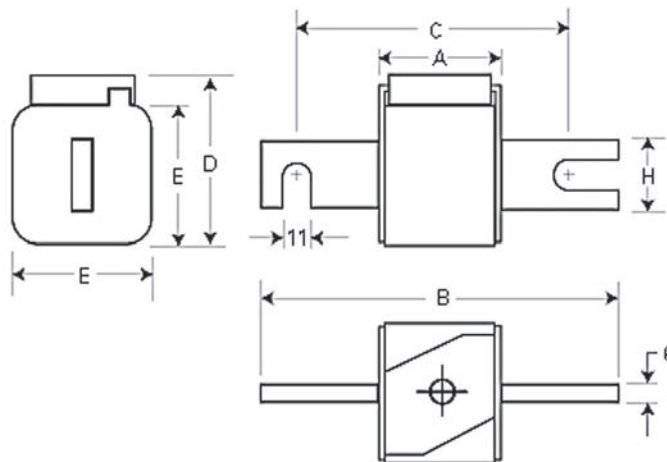


### Type -/80, -TN/80, -/110, -TN/110

Size	A	B	B <sup>1</sup>	C	C <sup>1</sup>	D <sup>2</sup>	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

1 Valid for fuse Types -/110 and -TN/110.

2 Valid for fuse Types -TN/80 and -TN/110.



### Type -KN/80, -KN/110

Size	A	B	B <sup>3</sup>	C	C <sup>3</sup>	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

3 Valid for fuse Type -KN/110.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6314 (Size 1\*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

**170M — Square Body size 1\* to 3, DIN 43653**
**690 Vac (IEC), 700 Vac (UL), 40 to 2000 A**

		I²t (A²s)				Catalog no.							
Fuse size	Rated voltage	Rated current (amps)	Pre-arcing	Clearing at 660 Vac	Watts loss (W)†	-/80 with indicator	-TN/80 Type T indicator for micro	-KN/80 Type K indicator for micro	-/110 with indicator	-TN/110 Type T indicator for micro	-KN/110 Type K indicator for micro		
1*	690 Vac (IEC) 700 Vac (UL)	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		
		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 Vac (IEC) 700 Vac (UL)	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		
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		
900²	155,000			850,000²	100	170M4019¹	170M4069¹	170M4119¹	170M4169¹	170M4219¹	170M4269¹		
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		
630	41,000			275,000	90	170M5012	170M5062	170M5112	170M5162	170M5212	170M5262		
700	60,500			405,000	95	170M5013	170M5063	170M5113	170M5163	170M5213	170M5263		
2	690 Vac (IEC) 700 Vac (UL)	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		
		1100³	245,000	1,600,000	120	170M5017	170M5067	170M5117	170M5167	170M5217	170M5267		
		1250³	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		
		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		
		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		
		3	690 Vac (IEC) 700 Vac (UL)	1600	580,000	3,900,000	160	170M6019	170M6069	170M6119	170M6169	170M6219	170M6269
				1800⁴	880,000	5,250,000⁴	165	170M6020††	170M6070††	170M6120	170M6170††	170M6220††	170M6270
2000⁵	1,150,000			6,350,000⁵	175	170M6021	170M6071	170M6121	170M6171	170M6221	170M6271		

† Watts loss at rated current.

††DC voltage rated at 750 Vdc, IR 130 kA DC, UL Recognized, File E12085.

1 Not UL Recognized, 2 Rated voltage: 550 Vac IEC, 3 Rated voltage: 600 Vac IEC, 700 Vac UL, 4 Rated voltage: 600 Vac IEC, 500 Vac UL, 5 Rated voltage: 550 Vac IEC, 500 Vac UL.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6314 (Size 1\*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

## 170M — Square Body size 00, DIN 43653

1000 Vac (IEC and UL), 20 to 315 A

Square body DIN 43653 bolted tags high speed fuses, for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Available with indicator or Type T indicator for a microswitch.

### Ratings

- Volts
  - 1000 Vac (IEC and UL 20-250 A)
  - 900 Vac (IEC, 315 A)
- Amps 20-315 A
- IR 125 kA RMS Sym.

### Operating class aR

### Agency information

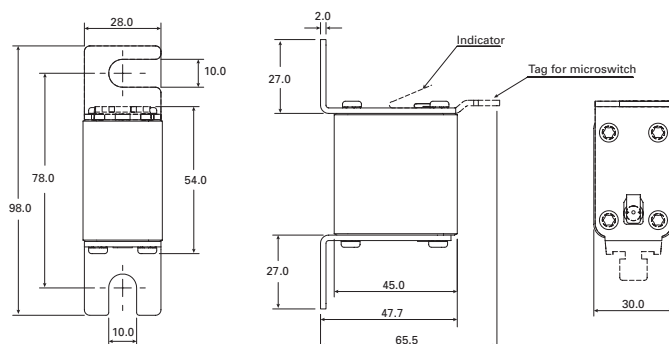
- Designed and tested to IEC 60269 Part 4
- UL Recognized, E125085, JFHR2 (20-250 A)
- CSA Class 53787, File 1422-30 (20-250 A)
- CE



Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no.	
			Pre-arcing	Clearing at rated voltage		00/80 with indicator	00TN/80 Type T indicator for micro
00	1000 Vac (IEC/UL)	20	20	140	5	170M4802	170M4822
		25	30	210	7	170M4803	170M4823
		32	55	390	9	170M4804	170M4824
		35	69	500	10	170M4805	170M4825
		40	100	690	11	170M4806	170M4826
		50	170	1200	13	170M4807	170M4827
		63	280	2000	18	170M4808	170M4828
		80	500	3500	22	170M4809	170M4829
		100	950	6850	25	170M4810	170M4830
		125	1500	11,500	33	170M4811	170M4831
		160	3000	22,000	37	170M4812	170M4832
		200	5600	40,500	40	170M4813	170M4833
		250	10,000	74,000	48	170M4814	170M4834
		315	18,000	115,000	58	170M4815	170M4835
	900 Vac (IEC)	315	18,000	115,000	58	170M4815	170M4835

† Watts loss at rated current.

### Dimensions — mm



For details on electrical characteristics, contact Application Engineering and ask for Data sheet no. 170K8504

## 170M — Square Body size 1\* to 3, DIN 43653

1000 Vac (IEC and UL), 50 to 1400 A

Square body DIN 43653 bolted tags high speed fuses, for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Available with a Type T or K indicator for a microswitch.

### Ratings

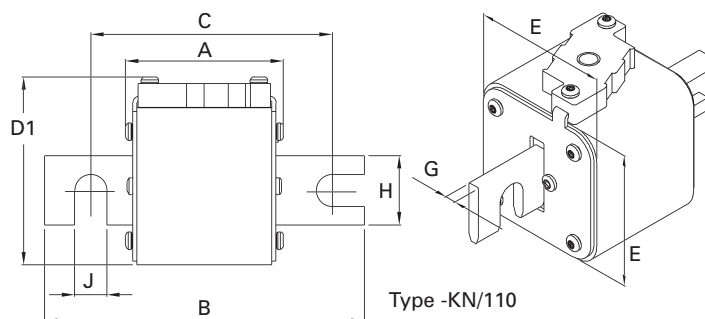
- Volts
  - 1000 Vac (IEC, 50-1250 A), 900 Vac (IEC, 1400 A)
  - 1000 Vac (UL size 2, size 3, 315-1100 A only)
  - 900 Vdc (UL, see catalog number table for specific fuses)
- Amps 50-1400 A
- IR 125 kA RMS Sym.

### Operating class aR

### Agency Information

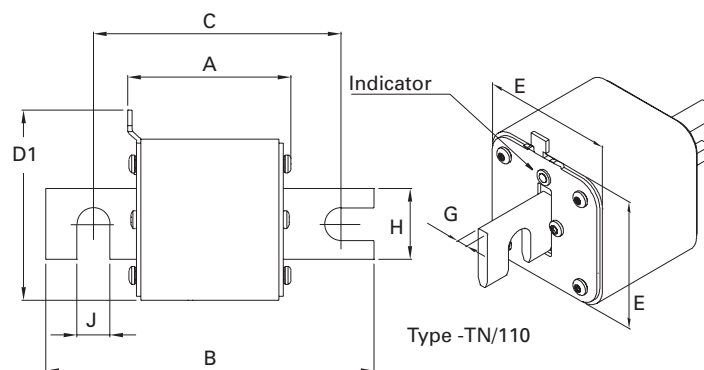
- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085 (only sizes 2 and 3)
- CCC (only size 3, 315-1100 A)
- CE

### Dimensions — mm



Type -KN/110

Size	A	B	C	D1 (max)	E	G	H	J
1*KN/110	80	138	108	61	43	6	22	11
1KN/110	80	138	108	69	51	6	25	11
2KN/110	80	138	108	77	59	6	25	11
3KN/110	81	139	108	92	74	6	30	11



Type -TN/110

Size	A	B	C	D1 (max)	E	G	H	J
1*TN/110	80	138	108	61	43	6	22	11
1TN/110	80	138	108	69	51	6	25	11
2TN/110	80	138	108	75	59	6	25	11
3TN/110	81	139	108	90	74	6	30	11

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K8564 (Size 1\*), 170K8566 (Size 1), 170K8568 (Size 2), 170K8570 (Size 3)

## 170M — Square Body size 1\* to 3, DIN 43653

1000 Vac (IEC and UL), 50 to 1400 A

Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no.	
			Pre-arcing	Clearing at rated voltage		-KN/110 Type K indicator for microswitch	-TN/110 Type T indicator for microswitch
1*	1000 Vac (IEC)	50	135	815	20	170M3965	170M3981
		63	215	1300	25	170M3966	170M3982
		80	460	2750	30	170M3967	170M3983
		100	860	5100	35	170M3968	170M3984
		125	1450	8600	40	170M3969	170M3985
		160	2850	17,500	45	170M3970	170M3986
		200	4950	29,500	50	170M3971	170M3987
		250	9550	57,000	55	170M3972	170M3988
		315	21,500	130,000	65	170M3973	170M3989
		350	29,000	175,000	70	170M3974	170M3990
		400	42,000	250,000	75	170M3975	170M3991
1	1000 Vac (IEC)	160	2200	13,500	40	170M4965	170M4980
		200	4150	24,500	45	170M4966	170M4981
		250	7750	46,000	52	170M4967	170M4982
		315	16,500	98,500	60	170M4968	170M4983
		350	21,500	130,000	65	170M4969	170M4984
		400	31,000	185,000	70	170M4970	170M4985
		450	44,500	265,000	80	170M4971	170M4986
		500	63,000	375,000	85	170M4972	170M4987
		550	84,500	500,000	90	170M4973	170M4988
		630	125,000	755,000	98	170M4974	170M4989
2	1000 Vac (IEC and UL)	250	6750	40,000	65	170M5966	170M5981
		315	13,500	81,500	75	170M5967	170M5982
		350	16,500	99,000	80	170M5968	170M5983
		400	26,000	155,000	85	170M5969	170M5984
		450	35,500	210,000	90	170M5970	170M5985
		500	49,500	295,000	95	170M5971	170M5986
		550	66,000	390,000	100	170M5972	170M5987
		630	93,500	555,000	110	170M5973	170M5988
		700	130,000	770,000	115	170M5974	170M5989
		800	195,000	1,200,000	125	170M5975	170M5990
3	1000 Vac (IEC and UL)	315	9200	54,500	90	170M8614	170M8629††
		350	13,000	77,500	95	170M8615	170M8630††
		400	19,000	115,000	105	170M8616	170M8631††
		450	27,000	160,000	107	170M8617	170M8632††
		500	37,500	225,000	110	170M8618	170M8633††
		550	52,000	310,000	115	170M8619	170M8634††
		630	82,500	490,000	120	170M8620	170M8635††
		700	115,000	700,000	125	170M8621	170M8636††
		800	170,000	1,050,000	135	170M8622	170M8637††
		900	250,000	1,500,000	145	170M8623	170M8638††
		1000	340,000	2,050,000	150	170M8624	170M8639††
		1100	460,000	2,750,000	155	170M8625	170M8640††
	1000 Vac (IEC)	1250	575,000	3,400,000	175	170M8626	170M8641
	900 Vac (IEC)	1400	795,000	4,200,000	185	170M8627	170M8642

† Watts loss at rated current.

††DC voltage rated at 900 Vdc, UL Recognized, File E125085.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K8564 (Size 1\*), 170K8566 (Size 1), 170K8568 (Size 2), 170K8570 (Size 3)

## 170M — Square Body size 1\* to 3, DIN 43653

1250 Vac (IEC), 1300 Vac (UL), 50 to 1400 A

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

### Ratings

- Volts
  - 1100 to 1300 Vac (see catalog number table)
  - 900 and 1000 Vdc (UL, see catalog number table for specific fuses)
- Amps 50-1400 A
- IR 100 kA RMS Sym.

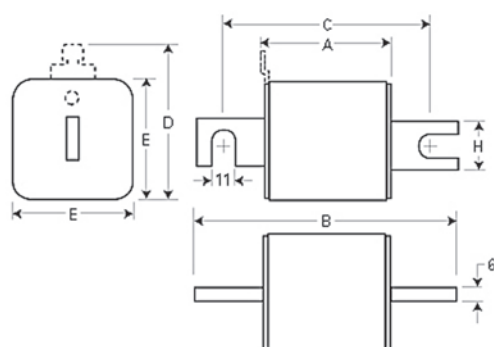
### Operating class aR

### Agency information

- Designed and tested to IEC 60269 Part 4
  - UL Recognized, JFHR2\*, E125085
  - CSA Class 53787, File 1422-30\*
  - CE
- \* Consult your Bussmann series product representative for status.

### Dimensions — mm

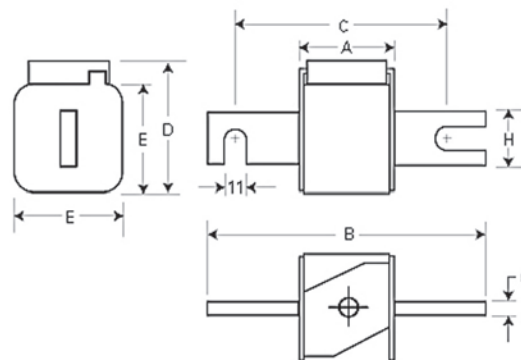
1mm = 0.0394"



#### Type-/110-TN/110

Size	A	B	C	D <sup>1</sup>	E	H	K
1*	80	138	108	58	45	20	11
1	80	138	108	66	53	25	11
2	80	138	108	75	61	25	11
3	81	139	108	90	76	30	11

1 Clip on microswitch valid for -TN/110 fuses.



#### Type-KN/110

Size	A	B	C	D	E	H	K
1*	80	138	108	60	45	20	11
1	80	138	108	69	53	25	11
2	80	138	108	77	61	25	11
3	81	139	108	92	76	30	11

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6630 (Size 1\*), 170K6632 (Size 1), 170K6634 (Size 2), 170K6636 (Size 3)



## 170M — Square Body size 1\* to 3, DIN 43653, 170M

1250 Vac (IEC), 1300 Vac (UL), 50 to 1400 A

Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)			Watts loss (W) <sup>†</sup>	Catalog no.		
			Pre-arcing	Clearing at 1000 Vac	Clearing at 1250 Vac		-/110 with indicator	-TN/110 Type T indicator for microswitch	-KN/110 Type K indicator for microswitch
1*	1250 Vac (IEC) 1300 Vac (UL)	50	135	815	1100	15	170M3138	170M3188	170M3238
		63	215	1300	1750	20	170M3139	170M3189	170M3239
		80	420	2500	3350	25	170M3140	170M3190	170M3240
		100	750	4450	5950	30	170M3141	170M3191	170M3241
		125	1450	9000	11,500	35	170M3142	170M3192	170M3242
		160	2600	16,000	21,000	40	170M3143	170M3193	170M3243
		200	5150	31,000	41,000	45	170M3144	170M3194	170M3244
		250	9200	54,500	73,000	55	170M3145	170M3195	170M3245
		315	18,500	115,000	150,000	60	170M3146	170M3196	170M3246
		350	27,000	165,000	220,000	65	170M3147	170M3197	170M3247
		400	53,000	265,000	335,000	70	170M3148	170M3198	170M3248
1	1250 Vac (IEC) 1300 Vac (UL)	160	1900	11,500	15,500	45	170M4138††	170M4188††	170M4238††
		200	3800	22,500	30,000	50	170M4139††	170M4189††	170M4239††
		250	7750	46,000	61,500	60	170M4140††	170M4190††	170M4240††
		315	15,000	90,000	120,000	65	170M4141††	170M4191††	170M4241††
		350	20,000	125,000	165,000	70	170M4142††	170M4192††	170M4242††
		400	29,500	175,000	235,000	75	170M4143††	170M4193††	170M4243††
		450	42,000	250,000	335,000	80	170M4144††	170M4194††	170M4244††
		500	69,500	340,000	435,000	85	170M4145	170M4195	170M4245
		550	95,000	465,000	590,000	95	170M4146	170M4196	170M4246
	1100 Vac (IEC)	630	130,000	660,000	N/A	100	170M4147 <sup>1</sup>	170M4197 <sup>1</sup>	170M4247 <sup>1</sup>
2	1250 Vac (IEC) 1300 Vac (UL)	250	6500	38,500	51,500	65	170M5138	170M5188	170M5238
		280	9350	55,500	74,500	70	170M5139	170M5189	170M5239
		315	13,000	77,500	105,000	75	170M5140	170M5190	170M5240
		350	16,500	97,500	135,000	80	170M5141	170M5191	170M5241
		400	23,000	140,000	180,000	85	170M5142	170M5192	170M5242
		450	34,000	205,000	270,000	90	170M5143	170M5193	170M5243
		500	48,000	285,000	380,000	95	170M5144	170M5194	170M5244
		550	62,000	370,000	495,000	100	170M5145	170M5195	170M5245
		630	115,000	575,000	730,000	120	170M5146††	170M5196††	170M5246
		700	160,000	795,000	1,050,000	125	170M5147††	170M5197††	170M5247
		800	245,000	1,200,000	1,550,000	130	170M5148††	170M5198††	170M5248
	1100 Vac (IEC/UL)	900	360,000	1,750,000	N/A	135	170M5149††	170M5199††	170M5249††
		1000	480,000	2,350,000	N/A	145	170M5150††	170M5200††	170M5250††
3	1300 Vac (UL)	315	9500	58,000	77,500	85	170M6138††	170M6188††	170M6238††
		350	13,500	81,500	110,000	90	170M6139††	170M6189††	170M6239††
		400	19,500	120,000	160,000	95	170M6140††	170M6190††	170M6240††
		450	31,000	185,000	245,000	100	170M6141††	170M6191††	170M6241††
		500	39,000	235,000	310,000	105	170M6142††	170M6192††	170M6242††
		550	55,000	325,000	435,000	110	170M6143††	170M6193††	170M6243††
		630	83,500	495,000	665,000	115	170M6144††	170M6194††	170M6244††
		700	115,000	705,000	940,000	120	170M6145††	170M6195††	170M6245††
		800	205,000	995,000	1,300,000	125	170M6146†††	170M6196†††	170M6246 <sup>1</sup>
		900	305,000	1,500,000	1,900,000	130	170M6147†††	170M6197†††	170M6247 <sup>1</sup>
		1000	450,000	2,150,000	2,750,000	135	170M6148†††	170M6198†††	170M6248 <sup>1</sup>
		1100	575,000	2,800,000	3,600,000	160	170M6149†††	170M6199†††	170M6249 <sup>1</sup>
	1100 Vac (IEC)	1250	810,000	3,950,000	N/A	170	170M6150 <sup>1</sup> ,††	170M6200 <sup>1</sup>	170M6250 <sup>1</sup>
		1400	1,250,000	6,000,000	N/A	175	170M6151 <sup>1</sup> ,††	170M6201 <sup>1</sup>	170M6251 <sup>1</sup>

† Watts loss at rated current.

†† DC voltage rated at 900 Vdc, UL Recognized, File E125085.

†††DC voltage rated at 1000 Vdc, UL Recognized, File E125085.

1 Not UL Recognized.

For details on electrical characteristics, contact Application Engineering and ask for data sheets:170K6630 (Size 1\*), 170K6632 (Size 1), 170K6634 (Size 2), 170K6636 (Size 3)

## 170M — Square Body size 00 to 3, DIN 43620, full range (gR)

690 Vac (IEC), 10 to 800 A

Square body DIN 43653 blade high speed fuses. Full range protection fuses provide both overload and short-circuit protection. Fuses come with Type T indicator for a microswitch.

### Ratings

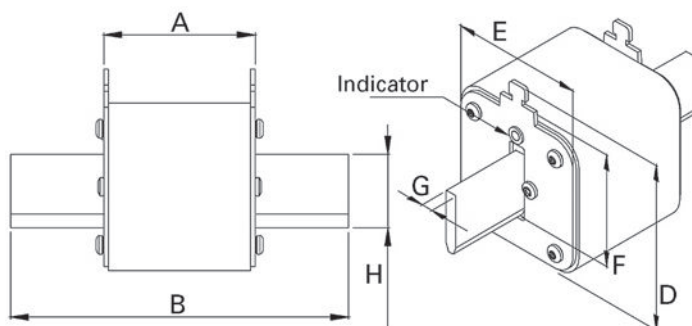
- Volts 690 Vac (IEC)
- Amps 10-800 A
- IR 200 kA RMS Sym.

### Operating class gR

### Agency information

- Designed and tested to IEC 60269 Part 4
- CE

### Dimensions — mm



Size	A	B	D (max)	E (max)	F	G	H (min)
00	49	78.5	60	30	35	6	15
1	68	135	66	52	40	6	20
2	68	150	74	60	48	6	25
3	68	150	89	75	60	6	32



For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6412 (Size 00), 170K6416 (Size 1), 170K6418 (Size 2), 170K6420 (Size 3)

## 170M — Square Body size 00 to 3, DIN 43620, full range (gR)

690 Vac (IEC), 10 to 800 A

Fuse size	Rated voltage	Rated current (amps) <sup>1</sup>	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W) <sup>†</sup>	Catalog no. - Type T indicator for microswitch
			Pre-arcing	Clearing at 690 Vac		
00	690 Vac (IEC)	10	3.8	20	3.5	170M2691
		16	7.2	38	5.5	170M2692
		20	13.0	70	6.0	170M2693
		25	24.0	125	8.0	170M2694
		32	53.0	275	9.0	170M2695
		40	95.0	490	10.0	170M2696
		50	185.0	1000	11.0	170M2697
		63	345.0	1800	14.0	170M2698
		80	695.0	3600	16.0	170M2699
		100	1250.0	6650	19.0	170M2700
		125	2300.0	12,000	23.0	170M2701
		160	4350.0	22,500	29.0	170M2702
1	690 Vac (IEC)	50	135.0	705	12.0	170M4176
		63	245.0	1300	15.0	170M4177
		80	500.0	2600	17.0	170M4178
		100	950.0	4850	20.0	170M4179
		125	1850.0	9500	23.0	170M4180
		160	3450.0	18,000	28.0	170M4181
		200	6750.0	34,500	31.0	170M4182
		250	13,500.0	70,500	35.0	170M4183
		315	26,000.0	135,000	41.0	170M4184
		350	34,000.0	175,000	45.0	170M4185
		400	48,500.0	250,000	48.0	170M4186
		200	5650.0	29,000	33.0	170M5881
2	690 Vac (IEC)	250	10,000.0	52,500	40.0	170M5882
		315	19,500.0	105,000	46.0	170M5883
		350	26,000.0	135,000	50.0	170M5884
		400	39,500.0	205,000	53.0	170M5885
		450	55,500.0	290,000	59.0	170M5886
		500	73,000.0	375,000	66.0	170M5887
		550	100,000.0	515,000	70.0	170M5888
		630	150,000.0	770,000	79.0	170M5889
		350	23,000.0	120,000	55.0	170M6080
		400	34,000.0	175,000	59.0	170M6081
		450	48,500.0	250,000	62.0	170M6082
		500	64,000.0	330,000	67.0	170M6083
3	690 Vac (IEC)	550	84,500.0	435,000	70.0	170M6084
		630	125,000.0	645,000	85.0	170M6085
		700	160,000.0	840,000	93.0	170M6086
		800	245,000.0	1,300,000	99.0	170M6087

<sup>†</sup> Watts loss at rated current.<sup>1</sup> The RMS Amp rating of this fuses range is given with open fuse blocks connected to copper conductors according to IEC 60269, Part 1, table 10. When used in enclosed fuse blocks/disconnects, derating factors have to be observed. Please contact Eaton's Bussmann Division for application assistance [bulehighspeedtechnical@eaton.com](mailto:bulehighspeedtechnical@eaton.com).

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6412 (Size 00), 170K6416 (Size 1), 170K6418 (Size 2), 170K6420 (Size 3)

## 170M — Square Body size 000 to 3, DIN 43620, dual indicator fuses

690 Vac (IEC), 700 Vac (UL), 10 to 1600 A

Square body DIN 43620 blade high speed fuses with dual indicator system: one indicator in the fuse body and another one in the metallic end plate. Interchangeable with existing high speed DIN 43620 fuses for the protection of UPS, soft starters, solid state relays, variable speed drives, rectifiers and inverters.

### Ratings

- Volts
  - 690 Vac (IEC)
  - 700 Vac (UL)
- Amps 10-1600 A
- IR 200 kA RMS Sym.

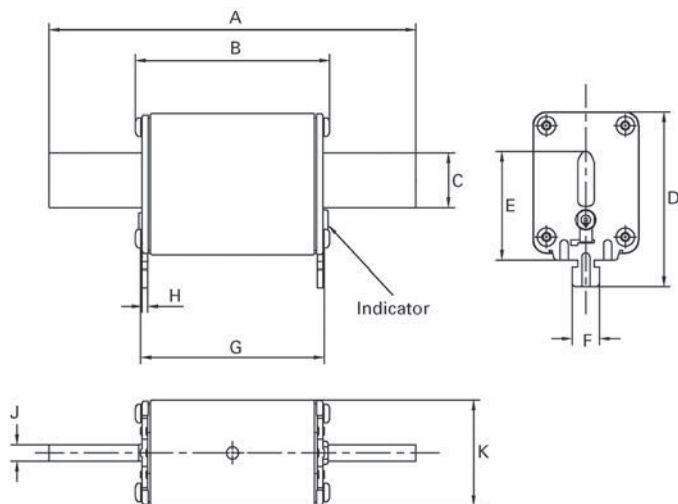
### Operating class

- gR (size 000, 10-63 A)
- aR (others)

### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085
- CSA Class 1422-30, (53787) with the exception of catalog number 170M4867D
- CE

### Dimensions — mm



Size	A	B	C	D	E	F	G	H	J	K
000	78.5	53.0	15.0	52	35	10	49.7	1.5	6	20.5
00	78.5	53.0	15.0	59	35	10	49.7	2.0	6	30.0
1	135.0	71.4	20.0	64	40	10	67.5	2.0	6	40.0
2	150.0	71.4	25.1	72	48	10	67.5	2.0	6	54.0
3	150.0	72.4	32.0	87	60	10	68.5	2.5	6	71.0



For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6386 (Size 000 and 00), 170K6388 (Size 1), 170K6390 (Size 2), 170K6392 (Size 3)

## 170M — Square Body size 000 to 3, DIN 43620, dual indicator fuses

690 Vac (IEC), 700 Vac (UL), 10 to 1600 A

Fuse size	Rated voltage	Rated current (amps)	Max permissible load current	I²t (A²s)		Watts loss (W) <sup>3</sup>	Catalog no.
				Pre-arcing	Clearing at 690 Vac		
000	690 Vac (IEC) 700 Vac (UL)	10	10	4	27	2.5	170M1558D
		16	16	7	51	4	170M1559D
		20	20	11.5	82.5	5	170M1560D
		25	25	19	140	6	170M1561D
		32	32	40	285	7	170M1562D
		40	40	65	490	8.5	170M1563D
		50	50	115	815	9.5	170M1564D
		63	63	215	1550	11.5	170M1565D
		80	80	380	2700	15	170M1566D
		100	100	695	4950	16.5	170M1567D
		125	125	1180	8250	21.5	170M1568D
		160	160	2300	16,500	25	170M1569D
		200	200	4350	31,000	29.5	170M1570D
		250	250	7900	56,000	35.5	170M1571D
00	690 Vac (IEC) /700 Vac (UL)	315	315	12,000	84,500	45	170M1572D
1	690 Vac (IEC) 700 Vac (UL)	40	25	40	285	4	170M3808D
		50	30	78	550	4.5	170M3809D
		63	38	120	850	6.5	170M3810D
		80	50	185	1350	8.5	170M3811D
		100	60	360	2600	10	170M3812D
		125	75	550	3900	11	170M3813D
		160	95	1150	8250	12	170M3814D
		200	120	2300	16,500	12.5	170M3815D
		250	150	4350	31,000	16	170M3816D
		315	190	7300	52,000	20	170M3817D
		350	210	10,000	73,000	21.5	170M3818D
		400	240	16,000	115,000	23	170M3819D
		450	270	21,500	155,000	26.5	170M4863D
		500	300	27,000	190,000	28.5	170M4864D
		550	330	33,500	240,000	33	170M4865D
		630	380	48,500	345,000	37.5	170M4866D
		700	420	69,500	495,000	39	170M4867D <sup>1</sup>
2	690 Vac (IEC) 700 Vac (UL)	400	240	11,000	79,000	29	170M5808D
		450	270	16,000	115,000	32	170M5809D
		500	300	21,500	155,000	34	170M5810D
		550	330	29,000	215,000	36	170M5811D
		630	380	41,000	295,000	42	170M5812D
		700	420	60,500	430,000	43	170M5813D
		800	480	86,000	610,000	48	170M5814D
		900	540	125,000	895,000	52	170M5820D
		1000	600	180,000	1,300,000	53	170M5816D
		1100	660	245,000	1,750,000	56	170M5817D
3	690 Vac (IEC) 700 Vac (UL)	500	300	14,000	99,500	43	170M6808D
		550	330	19,500	140,000	44	170M6809D
		630	380	31,000	220,000	45	170M6810D
		700	420	45,000	320,000	46	170M6811D
		800	480	69,500	490,000	48	170M6812D
		900	540	100,000	720,000	50	170M6813D
		1000	600	140,000	985,000	56	170M6814D
		1100	660	190,000	1,400,000	57	170M6892D
		1250	750	300,000	2,150,000	61	170M8554D
		1400	840	380,000	2,700,000	70	170M8555D
		1500	900	470,000	3,350,000	72	170M8556D
		1600	960	585,000	4,150,000	74	170M8557D

1 170M4867D is not UL Recognized.

3 Given at maximum load rated current, please refer to data sheets for further details.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6386 (Size 000 and 00), 170K6388 (Size 1), 170K6390 (Size 2), 170K6392 (Size 3)

## 170M — Square Body size 00, DIN 43620

1000 Vac (IEC and UL), 20 to 225 A

Square body DIN 43620 blade style high speed fuses for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Fuses come with Type T indicator for microswitches.

### Ratings

- Volts
  - 1000 Vac (IEC and UL)
  - 900 Vac (200 and 225 A)
- Amps 20-225 A
- IR 125 kA RMS Sym.

### Operating class aR

### Agency information

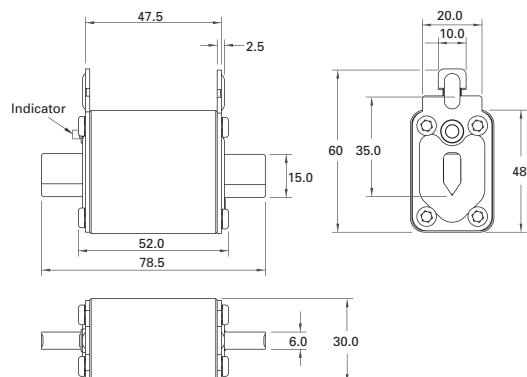
- Designed and tested to IEC 60269 Part 4
- UL Recognized (20-160 A)
- CSA (20-160 A)
- CE



Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no. with Type T indicator for microswitch
			Pre-arcing	Clearing at 1000 Vac		
00	1000 Vac (IEC/UL)	20	15	110	8.5	170M2673
		25	28.5	210	9.5	170M2674
		32	53	390	11	170M2675
		35	69	500	12	170M2676
		40	105	760	13	170M2677
		50	215	1550	14	170M2678
		63	380	2750	16	170M2679
		80	815	5900	18	170M2680
		100	1550	11,500	21	170M2681
		125	3000	22,000	23	170M2682
		160	6250	45,000	26	170M2683
00	900 Vac (IEC)	200	12,000	86,500	31	170M2684
		225	18,000	115,000	33	170M2685

† Watts loss at rated current.

### Dimensions — mm



For details on electrical characteristics, contact Application Engineering and ask for Data sheet no. 170K8506

## 170M — Square Body size 1\* to 3, French style

690 Vac (IEC), 700 Vac (UL), 40 to 1600 A

Square body French style high speed fuses for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Available with Type T or K indicators for microswitches.

### Ratings

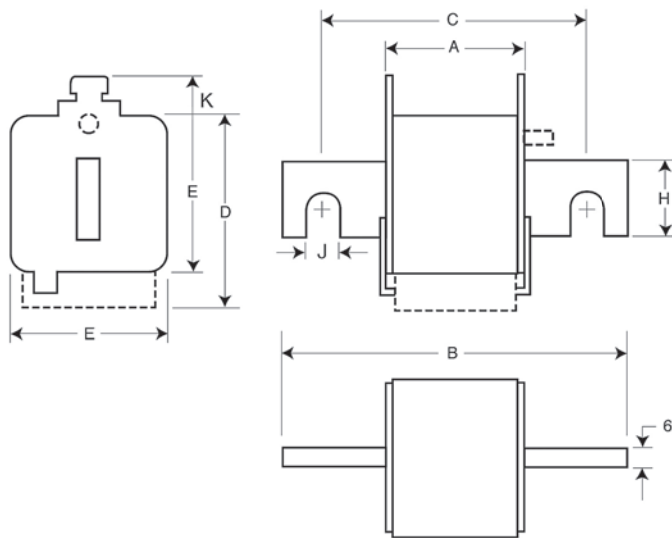
- Volts
  - 690 Vac (IEC)
  - 700 Vac (UL)
- Amps 40-1600 A
- IR 200 kA RMS Sym.

### Operating class aR

### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085
- CSA Class 1422-30, (53787) on sizes (1, 2, 3) only
- CCC (please consult [bulehighspeedtechnical@eaton.com](mailto:bulehighspeedtechnical@eaton.com) for status)
- CE

### Dimensions — mm



### Type -E/-, -EKN/-

Size	A	B	C	D	E	H	J	K
1*	50	102	76	59	45	18	9	13
1	50	111	86	69	53	25	11	11
2	50	126	91	77	61	30	13	12
3	51	126	91	92	76	36	13	13



For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6314 (Size 1\*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

**170M —Square Body size 1\* to 3, French style**

690 Vac (IEC), 700 Vac (UL), 40 to 1600 A

Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no.	
			Pre-arcing	Clearing at 660 Vac		-E/- Type T indicator for microswitch	-EKN/- Type K indicator for microswitch
1*	690 Vac (IEC) 700 Vac (UL)	40	40	270	9	170M3308	170M3358
		50	77	515	11	170M3309	170M3359
		63	115	770	14	170M3310	170M3360
		80	185	1250	18	170M3311	170M3361
		100	360	2450	21	170M3312	170M3362
		125	550	3700	26	170M3313	170M3363
		160	1100	7500	30	170M3314	170M3364
		200	2200	15,000	35	170M3315	170M3365
		250	4200	28,500	40	170M3316	170M3366
		315	7000	46,500	50	170M3317	170M3367
		350	10,000	68,500	55	170M3318	170M3368
		400	15,000	105,000	60	170M3319	170M3369
		450	21,000	140,000	65	170M3320	170M3370
		500	27,000	180,000	70	170M3321	170M3371
1	690 Vac (IEC) 700 Vac (UL)	200	1650	11,500	45	170M4308	170M4358
		250	3100	21,000	55	170M4309	170M4359
		315	6200	42,000	58	170M4310	170M4360
		350	8500	59,000	60	170M4311	170M4361
		400	13,500	91,500	65	170M4312	170M4362
		450	17,000	120,000	70	170M4313	170M4363
		500	25,000	170,000	72	170M4314	170M4364
		550	34,000	230,000	75	170M4315	170M4365
		630	52,000	350,000	80	170M4316	170M4366
		700	69,500	465,000	85	170M4317	170M4367
		800	105,000	725,000	95	170M4318	170M4368
		1000	180,000	1,250,000	115	170M5316	170M5366
2	690 Vac (IEC) 700 Vac (UL)	400	11,000	74,000	65	170M5308	170M5358
		450	15,500	105,000	70	170M5309	170M5359
		500	21,500	145,000	75	170M5310	170M5360
		550	28,000	190,000	80	170M5311	170M5361
		630	41,000	275,000	90	170M5312	170M5362
		700	60,500	405,000	95	170M5313	170M5363
		800	86,000	575,000	105	170M5314	170M5364
		900	125,000	840,000	110	170M5315	170M5365
		1000	180,000	1,250,000	115	170M5316	170M5366
		500	14,000	95,000	95	170M6308	170M6358
		550	19,500	135,000	100	170M6309	170M6359
		630	31,000	210,000	105	170M6310	170M6360
3	690 Vac (IEC) 700 Vac (UL)	700	44,500	300,000	110	170M6311	170M6361
		800	69,500	465,000	115	170M6312	170M6362
		900	100,000	670,000	120	170M6313	170M6363
		1000	140,000	945,000	125	170M6314	170M6364
		1100	190,000	1,300,000	130	170M6315	170M6365
		1250	290,000	1,950,000	140	170M6316	170M6366
		1400	370,000	2,450,000	155	170M6317	170M6367
		1500	460,000	3,100,000	160	170M6318	170M6368
		1600	580,000	3,900,000	160	170M6319	170M6369

High speed fuses

† Watts loss at rated current.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6314 (Size 1\*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)



## 170M — Square Body size 1\* to 3, US style

690 Vac (IEC), 700 Vac (UL), 40 to 2000 A

Square body US style bolted tags high speed fuses for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Available with Type K indicator for a microswitch.

### Ratings

- Volts
  - 500 to 700 Vac (see catalog number table)
  - 750 Vdc (UL, see catalog number table for specific fuses)
- Amps 40-2000 A
- IR 200 kA RMS Sym.

### Operating class aR

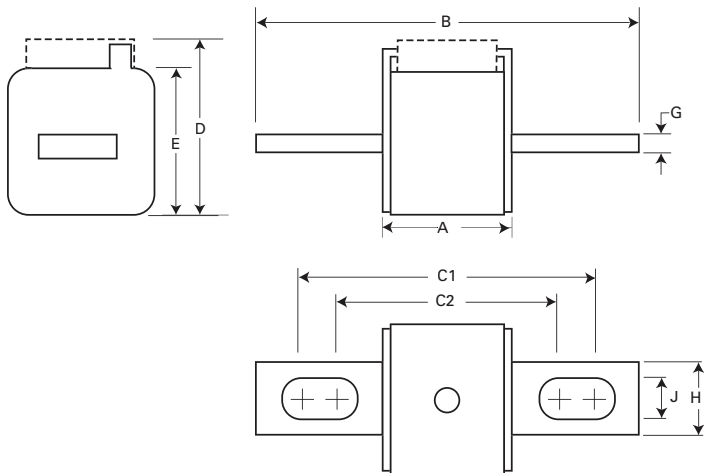
### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2\*, E125085
- CSA Class 53787, File 1422-30\*
- CCC\*
- CE

\* Consult your Bussmann series product representative for status.

### Dimensions — mm

1mm = 0.0394"



### Type -FU/-, -FKE/-, FU/115-, -FKE/115

Size	A	B	B1	C1	C1†	C2	C2†	D	E	G	H	J
1*	50	110	148	85	123	72	110	59	45	6	20	10
1	50	136	157	104	126	78	100	69	53	6	25	14
2	50	135	159	105	125	78	99	77	61	6	25	14
3	51	135	155	106	125	77	97	92	76	6	36	16

† Valid for fuses types -FU/115 and -FKE/115.



For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6314 (Size 1\*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

**170M — Square Body size 1\* to 3, US style**

690 Vac (IEC), 700 Vac (UL), 40 to 2000 A

		P <sub>t</sub> (A <sup>2</sup> s)			Catalog no.					
Fuse size	Rated voltage	Rated current (amps)	Pre-arcing	Clearing at 660 Vac	Watts loss (W)†	-FU/- without indicator	-FKE/- Type K indicator for microswitch	-FU/115 without indicator	-FKE/115 Type K indicator for microswitch	
1*	690 Vac (IEC)	40	40	270	9	170M3608	170M3658	170M3708	170M3758	
		50	70	515	11	170M3609	170M3659	170M3709	170M3759	
		63	115	770	14	170M3610	170M3660	170M3710	170M3760	
		80	185	1250	18	170M3611	170M3661	170M3711	170M3761	
		100	360	2450	21	170M3612	170M3662	170M3712	170M3762	
		125	550	3700	26	170M3613	170M3663	170M3713	170M3763	
		160	1100	7500	30	170M3614	170M3664	170M3714	170M3764	
		200	2200	15,000	35	170M3615	170M3665	170M3715	170M3765	
	700 Vac (UL)	250	4200	28,500	40	170M3616	170M3666	170M3716	170M3766	
		315	7000	46,500	50	170M3617	170M3667	170M3717	170M3767	
		350	10,000	68,500	55	170M3618	170M3668	170M3718	170M3768	
		400	15,000	105,000	60	170M3619	170M3669	170M3719	170M3769	
		450	21,000	140,000	65	170M3620	170M3670	170M3720	170M3770	
		500	27,000	180,000	70	170M3621	170M3671	170M3721	170M3771	
		550	34,000	230,000	75	170M3622	170M3672	170M3722	170M3772	
		630	48,500	325,000	80	170M3623	170M3673	170M3723	170M3773	
1	690 Vac (IEC)	200	1650	11,500	45	170M4608	170M4658	170M4708	170M4758	
		250	3100	21,000	55	170M4609	170M4659	170M4709	170M4759	
		315	6200	42,000	58	170M4610	170M4660	170M4710	170M4760	
		350	8500	59,000	60	170M4611	170M4661	170M4711	170M4761	
		400	13,500	91,500	65	170M4612	170M4662	170M4712	170M4762	
		450	17,000	120,000	70	170M4613	170M4663	170M4713	170M4763	
		500	25,000	170,000	72	170M4614	170M4664	170M4714	170M4764	
		550	34,000	230,000	75	170M4615	170M4665	170M4715	170M4765	
	700 Vac (UL)	630	52,000	350,000	80	170M4616	170M4666	170M4716	170M4766	
		700	69,500	465,000	85	170M4617	170M4667	170M4717	170M4767	
		800	105,000	725,000	95	170M4618	170M4668	170M4718	170M4768	
		900	155,000	850,000	100	170M4619	170M4669	170M4719	170M4769	
	550 Vac (IEC)	400	11,000	74,000	65	170M5608	170M5658	170M5708	170M5758	
		450	15,500	105,000	70	170M5609	170M5659	170M5709	170M5759	
		500	21,500	145,000	75	170M5610	170M5660	170M5710	170M5760	
		550	28,000	190,000	80	170M5611	170M5661	170M5711	170M5761	
630		41,000	275,000	90	170M5612	170M5662	170M5712	170M5762		
2	700 Vac (UL)	700	60,500	405,000	95	170M5613	170M5663	170M5713	170M5763	
		800	86,000	575,000	105	170M5614	170M5664	170M5714	170M5764	
		900	125,000	840,000	110	170M5615	170M5665	170M5715	170M5765	
		1000	180,000	1,250,000	115	170M5616	170M5666	170M5716	170M5766	
	600 Vac (IEC)	1100	245,000	1,600,000	120	170M5617	170M5667	170M5717	170M5767	
		1250	365,000	2,400,000	130	170M5618	170M5668	170M5718	170M5768	
	3	690 Vac (IEC)	500	14,000	95,000	95	170M6608	170M6658	170M6708	170M6758
			550	19,500	135,000	100	170M6609	170M6659	170M6709	170M6759
630			31,000	210,000	105	170M6610	170M6660	170M6710	170M6760	
700			44,500	300,000	110	170M6611	170M6661	170M6711	170M6761	
800			69,500	465,000	115	170M6612	170M6662	170M6712	170M6762	
900			100,000	670,000	120	170M6613	170M6663	170M6713	170M6763	
1000			140,000	945,000	125	170M6614	170M6664	170M6714	170M6764	
1100			190,000	1,300,000	130	170M6615	170M6665	170M6715	170M6765	
700 Vac (UL)		1250	290,000	1,950,000	140	170M6616	170M6666	170M6716	170M6766	
		1400	370,000	2,450,000	155	170M6617	170M6667	170M6717	170M6767	
		1500	460,000	3,100,000	160	170M6618	170M6668	170M6718	170M6768	
		1600	580,000	3,900,000	160	170M6619	170M6669	170M6719	170M6769	
		600 Vac (IEC)	1800	880,000	5,250,000	165	170M6620††	170M6670 <sup>1</sup>	170M6720††	170M6770
		500 Vac (UL)	2000	1,150,000	6,350,000	175	170M6621	170M6671 <sup>2</sup>	170M6721	170M6771

† Watts loss at rated current.

††DC voltage rated at 750 Vdc, UL Recognized, File E125085.

<sup>1</sup> 170M6670 600 Vac (IEC)/550 Vac.

<sup>2</sup> 170M6671 550 Vac (IEC and UL).

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6314 (Size 1\*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

## 170M — Square Body size 1\* to 3, US style

1000 Vac (IEC), 50 to 1400 A

Square body US style bolted tags high speed fuses for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Fuses come with Type K indicator for microswitches.

### Ratings

- Volts 1000 Vac (IEC) (1400 A 900 Vac)
- Amps 50-1400 A
- IR 125 kA RMS Sym.

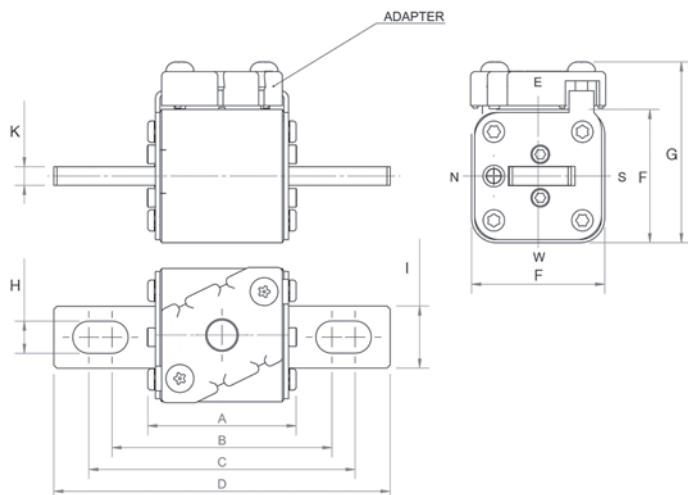
### Operating class aR

### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085 for size 2 and 3 (315-1100 A)
- CSA Class 53787, File 1422-30 for size 2 and 3 (315-1100 A)
- CCC approval for size 2 only
- CE

### Dimensions — mm

1mm = 0.0394"



Size	A	B	C	D	F	G	H	I	K
1*FKE/115	74	101.0	130.0	156	43	60	10.4	20	6
1FKE/115	76	102.0	128.0	160	51	68	14.3	25	6
2FKE/115	76	101.1	127.5	160	59	76	14.4	25	6
3FKE/115	76	101.1	127.5	158	74	91	16.0	36	6



For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K8564 (Size 1\*), 170K8566 (Size 1), 170K8568 (Size 2), 170K8570 (Size 3)

**170M — Square Body size 1\* to 3, US style, 170M**
**1000 Vac (IEC), 50 to 1400 A**

Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no. -FKE/115 Type K indicator for microswitch
			Pre-arcing	Clearing at 1000 Vac		
1*	1000 Vac (IEC)	50	135	815	20	170M3531
		63	215	1300	25	170M3532
		80	460	2750	30	170M3533
		100	860	5100	35	170M3534
		125	1450	8600	40	170M3535
		160	2850	17,500	45	170M3536
		200	4950	29,500	50	170M3537
		250	9550	57,000	55	170M3538
		315	21,500	130,000	65	170M3539
		350	29,000	175,000	70	170M3540
		400	42,000	250,000	75	170M3541
1	1000 Vac (IEC)	160	2200	13,500	40	170M4531
		200	4150	24,500	50	170M4532
		250	7750	46,000	55	170M4533
		315	16,500	98,500	65	170M4534
		350	21,500	130,000	70	170M4535
		400	31,000	185,000	75	170M4536
		450	44,500	265,000	80	170M4537
		500	63,000	375,000	85	170M4538
		550	84,500	500,000	90	170M4539
		630	125,000	755,000	98	170M4540
		250	6750	40,000	65	170M5531
2	1000 Vac (IEC/UL)	315	13,500	81,500	75	170M5532
		350	16,500	99,000	80	170M5533
		400	26,000	155,000	85	170M5534
		450	35,500	210,000	90	170M5535
		500	49,500	295,000	95	170M5536
		550	66,000	390,000	100	170M5537
		630	93,500	555,000	110	170M5538
		700	130,000	770,000	115	170M5539
		800	195,000	1,200,000	125	170M5540
		315	9200	54,500	90	170M8531
		350	13,000	77,500	95	170M8532
3	1000 Vac (IEC/UL)	400	19,000	115,000	105	170M8533
		450	27,000	160,000	107	170M8534
		500	37,500	225,000	110	170M8535
		550	52,000	310,000	115	170M8536
		630	82,500	490,000	120	170M8537
		700	115,000	700,000	125	170M8538
		800	170,000	1,050,000	135	170M8539
		900	250,000	1,500,000	145	170M8540
		1000	340,000	2,050,000	150	170M8541
		1100	460,000	2,750,000	155	170M8542
	1000 Vac (IEC)	1250	575,000	3,400,000	175	170M8543
	900 Vac (IEC)	1400	795,000	4,200,000	185	170M8544

† Watts loss at rated current.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K8564 (Size 1\*), 170K8566 (Size 1), 170K8568 (Size 2), 170K8570 (Size 3)

## 170M — Square Body size 1\* to 3, US style

1250 Vac (IEC), 1300 Vac (UL), 50 to 1400 A

Square body US style bolted tags high speed fuses for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Available with Type K indicator for microswitches.

### Ratings

- Volts
  - 1250 Vac (IEC)
  - 1300 Vac (UL)
  - 900 Vdc (UL, see catalog number table for specific fuses)
- Amps 50-1400 A
- IR 100 kA RMS Sym.

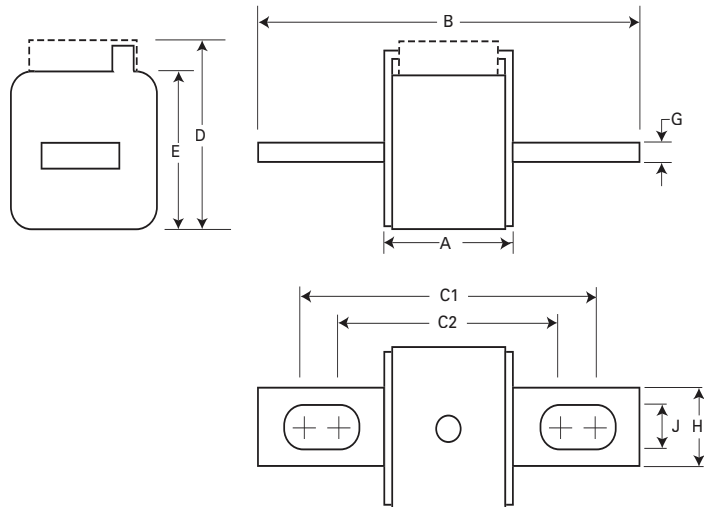
### Operating class aR

### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized†
- CSA†
- CCC†
- CE

† Consult your Bussmann series product representative for status.

### Dimensions — mm



### Type-FU/115,-FKE/115

Size	A	B	C1	C2	D	E	G	H	J
1*	74	156	130	101	59	45	6	20	10
1	76	160	127	102	69	53	6	25	14
2	76	160	127	102	77	61	6	25	14
3	76	159	128	101	92	76	6	36	16



For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6630 (Size 1\*), 170K6632 (Size 1), 170K6634 (Size 2), 170K6636 (Size 3)

**170M — Square Body size 1\* to 3, US style**

1250 Vac (IEC), 1300 Vac (UL), 50 to 1400 A

Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)			Watts loss (W)†	Catalog no.	
			Pre-arcing	Clearing at 1000 Vac	Clearing at 1250 Vac		-FU/115 without indicator	-FKE/115 Type K indicator for microswitch
1*	1250 Vac (IEC) 1300 Vac (UL)	50	135	815	1100	15	170M3688††	170M3738††
		63	215	1300	1750	20	170M3689††	170M3739††
		80	420	2500	3350	25	170M3690††	170M3740††
		100	750	4450	5950	30	170M3691††	170M3741††
		125	1450	9000	11,500	35	170M3692††	170M3742††
		160	2600	16,000	21,000	40	170M3693††	170M3743††
		200	5150	31,000	41,000	45	170M3694††	170M3744††
		250	9200	54,500	73,000	55	170M3695††	170M3745††
		315	18,500	115,000	150,000	60	170M3696††	170M3746††
		350	27,000	165,000	220,000	65	170M3697††	170M3747††
1	1250 Vac (IEC) 1300 Vac (UL)	160	1900	11,500	15,500	45	170M4688	170M4738
		200	3800	22,500	30,000	50	170M4689	170M4739
		250	7750	46,000	61,500	60	170M4690	170M4740
		315	15,000	90,000	120,000	65	170M4691	170M4741
		350	20,000	125,000	165,000	70	170M4692	170M4742
		400	29,500	175,000	235,000	75	170M4693	170M4743
		450	42,000	250,000	335,000	80	170M4694	170M4744
		500	69,500	340,000	N/A	85	170M4695	170M4745
		550	95,000	465,000	N/A	95	170M4696	170M4746
		630	130,000	660,000	N/A	100	170M4697	170M4747
2	1250 Vac (IEC) 1300 Vac (UL)	250	6500	38,500	51,500	65	170M5688	170M5738
		280	9350	55,500	74,500	70	170M5689	170M5739
		315	13,000	77,500	105,000	75	170M5690	170M5740
		350	16,500	97,500	135,000	80	170M5691	170M5741
		400	23,000	140,000	180,000	85	170M5692	170M5742
		450	34,000	205,000	270,000	90	170M5693	170M5743
		500	48,000	285,000	380,000	95	170M5694	170M5744
		550	62,000	370,000	495,000	100	170M5695	170M5745
		630	115,000	575,000	730,000	120	170M5696	170M5746
		700	160,000	795,000	N/A	125	170M5697	170M5747
3	1250 Vac (IEC) 1300 Vac (UL)	800	245,000	1,200,000	N/A	130	170M5698	170M5748
		900	360,000	1,750,000	N/A	135	170M5699	170M5749
		1000	480,000	2,350,000	N/A	145	170M5700	170M5750
		315	9500	58,000	77,500	85	170M6688	170M6738
		350	13,500	81,500	110,000	90	170M6689	170M6739
		400	19,000	120,000	160,000	95	170M6690	170M6740
		450	31,000	185,000	245,000	100	170M6691	170M6741
		500	39,000	235,000	310,000	105	170M6692	170M6742
		550	55,000	325,000	435,000	110	170M6693	170M6743
		630	83,500	495,000	665,000	115	170M6694	170M6744
3	1250 Vac (IEC) 1300 Vac (UL)	700	115,000	705,000	940,000	120	170M6695	170M6745
		800	205,000	995,000	1,300,000	125	170M6696	170M6746
		900	305,000	1,500,000	1,900,000	130	170M6697	170M6747
		1000	450,000	2,150,000	N/A	135	170M6698	170M6748
		1100	575,000	2,800,000	N/A	160	170M6699	170M6749
		1250	810,000	3,950,000	N/A	170	170M6700	170M6750
		1400	1,250,000	6,000,000	N/A	175	170M6701	170M6751
		1000 Vac (UL)						
		1000 Vac (IEC/UL)						

† Watts loss at rated current.

††DC voltage rated at 900 Vdc, UL Recognized, File E125085.

For details on electrical characteristics, contact Application Engineering and ask for data sheets:170K6630 (Size 1\*), 170K6632 (Size 1), 170K6634 (Size 2), 170K6636 (Size 3)

## 170M — Square Body size 00, flush-end contact

690 Vac, 25 to 400 A

Square body flush-end contact high speed fuses, for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Catalog numbers available with visual indicator and Type T indicator for a microswitch.

### Ratings

- Volts 690 Vac (IEC)
- Amps 25-400 A
- IR 200 kA RMS Sym.

### Operating class

- gR (25-80 A)
- aR (100-400 A)

### Agency information

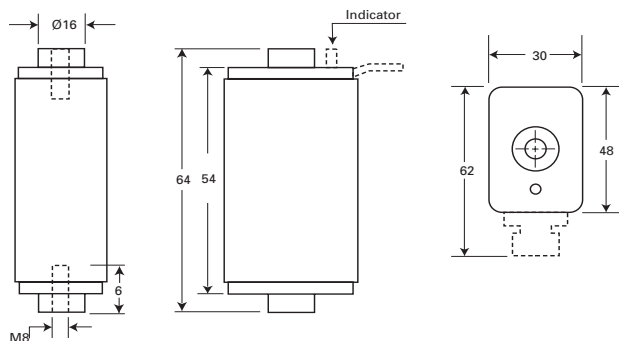
- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085
- CSA Class 53787, File 1422-30 on size 000
- CE



Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no.	
			Pre-arcing	Clearing at 660 Vac		00B/60 visual indicator	00BTN/60 Type T indicator for microswitch
00	690 Vac (IEC)	25	19.0	130	6	170M2708	170M2758
		32	28.5	195	7	170M2709	170M2759
		40	50.0	360	9	170M2710	170M2760
		50	95.0	640	10	170M2711	170M2761
		63	170.0	1200	12	170M2712	170M2762
		80	310.0	2100	15	170M2713	170M2763
		100	620.0	4150	20	170M2714	170M2764
		125	1000.0	6950	25	170M2715	170M2765
		160	1900.0	13,000	30	170M2716	170M2766
		200	3400.0	23,000	35	170M2717	170M2767
		250	6250.0	42,000	45	170M2718	170M2768
		315	10,000.0	68,500	55	170M2719	170M2769
		350	13,500.0	91,500	60	170M2720	170M2770
		400	18,000.0	125,000	70	170M2721	170M2771

† Watts loss at rated current.

### Dimensions — mm



For details on electrical characteristics, contact Application Engineering and ask for Data sheet no. 170K6312

## 170M — Square Body size 1\* to 3, flush-end contact

690 Vac (IEC), 700 Vac (UL), 40 to 2000 A

Square body flush-end contact high speed fuses, for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Catalog numbers available with visual indicator and Type K indicator for a microswitch.

### Ratings

- Volts
  - 500 to 700 Vac (see catalog number table)
  - 750 Vdc (UL, see catalog number table for specific fuses)
- Amps 40-2000 A
- IR 200 kA RMS Sym.

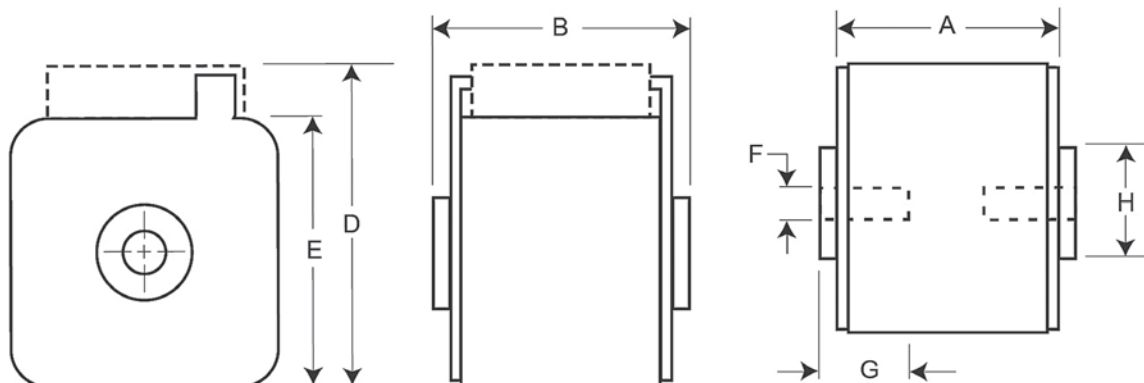
### Operating class aR

### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085†
- CSA Class 53787, File 1422-30†
- CCC†
- CE

† Consult your Bussmann series product representative for status.

### Dimensions — mm



### Type -B/- , -BKN/- , -G/- , -GKN/-

Size	A	B	D <sup>1</sup>	E	F	F <sup>2</sup> (in)	G	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 (1100-1250 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 Types -BKN/ and -GKN/.

2 Valid for fuse Types -G- and -GKN/.



For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6314 (Size 1\*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)



## 170M — Square Body size 1\* to 3, flush-end contact

690 Vac (IEC), 700 Vac (UL), 40 to 2000 A

Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W) <sup>†</sup>	Catalog no.			
			Pre-arcing	Clearing at 660 Vac		-B/- visual indicator	-BKN/- Type K indicator for microswitch	-G/- visual indicator	-GKN/- Type K indicator for microswitch
1*	690 Vac (IEC) 700 Vac (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 Vac (IEC) 700 Vac (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
		800	105,000	725,000	95	170M4418	170M4468	170M4518	170M4568
		900	155,000	850,000	100	170M4419	170M4469	170M4519	170M4569
	690 Vac (IEC) 700 Vac (UL)	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
		1000	180,000	1,250,000	115	170M5416	170M5466	170M5516	170M5566
		1100	245,000	1,600,000	120	170M5417	170M5467	170M5517	170M5567
	600 Vac (IEC) 700 Vac (UL)	1250	365,000	2,400,000	130	170M5418	170M5468	170M5518	170M5568
		500	14,000	95,000	95	170M6408	170M6458	170M6508	170M6558
2	690 Vac (IEC) 700 Vac (UL)	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
		1100	190,000	1,300,000	130	170M6415	170M6465	170M6515	170M6565
		1250	290,000	1,950,000	140	170M6416	170M6466	170M6516	170M6566
		1400	370,000	2,450,000	155	170M6417	170M6467	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 Vac (IEC) 500 Vac (UL)	1800	880,000	5,250,000	165	170M6420††	170M6470	170M6520††	170M6570
		550 Vac (IEC) 500 Vac (UL)	2000	1,150,000	6,350,000	175	170M6421	170M6471	170M6521
3	690 Vac (IEC) 700 Vac (UL)	2000	1,150,000	6,350,000	175	170M6421	170M6471	170M6521	170M6571

† Watts loss at rated current.

††DC voltage rated at 750 Vdc, UL Recognized, File E125085.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6314 (Size 1\*), 170K6316 (Size 1), 170K6318 (Size 2), 170K6320 (Size 3)

## 170M — Square Body size 1\* to 3, flush-end contact

1000 Vac (IEC and UL), 50 to 1400 A

Square body flush-end contact high speed fuses, for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Catalog numbers come with Type K indicator for use with microswitches.

### Ratings

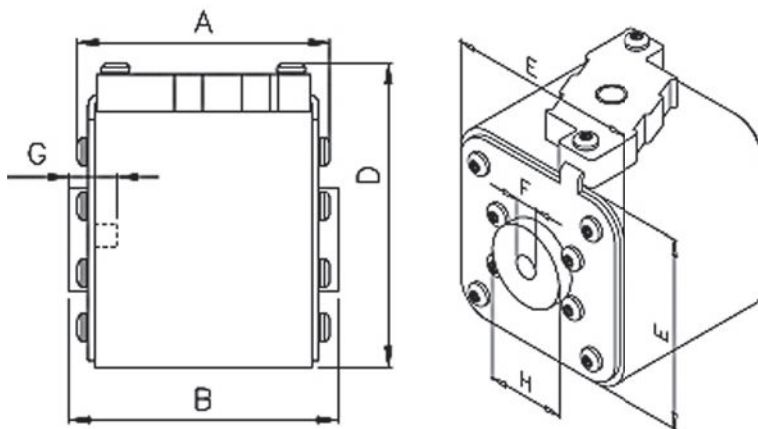
- Volts
  - 1000 Vac (IEC, 50-1250 A)
  - 1000 Vac (UL, 250-1100 A)
  - 900 Vac (IEC, 1400 A)
- Amps 50-1400 A
- IR 125 kA RMS Sym.

### Operating class aR

### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085 (only sizes 2 and 3 up to 1100 A)
- CE

### Dimensions — mm



### Type -BKN/- and -GKN/-

Size	Type	A	B	D (max)	E	F	F' (in)	G (min)	H
1*	BKN/75 + GKN/75	72.5	74.0	61	43	M8	5/16-18 UNC-2B	5	17.5
1	BKN/75 + GKN/75	73.2	74.0	69	52	M8	5/16-18 UNC-2B	8	20.0
2	BKN/75 + GKN/75	73.2	74.4	77	59	M10	3/8-16 UNC-2B	10	24.5
3	BKN/75 + GKN/75	73.3	75.4	92	74	M12	1/2-13 UNC-2B	10	30.0
	BKN/90 + GKN/90	80.3	91.4	92	74	M12	1/2-13 UNC-2B	10	30.0

1 Valid for fuse Types -GKN/-.



For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K8564 (Size 1\*), 170K8566 (Size 1), 170K8568 (Size 2), 170K8570 (Size 3)

## 170M — Square Body size 1\* to 3, flush-end contact

1000 Vac (IEC and UL), 50 to 1400 A

Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no.	
			Pre-arcing	Clearing at rated voltage		-BKN/- Type K indicator for microswitch	-GKN/- Type K indicator for microswitch
1*	1000 Vac (IEC)	50	135	815	20	170M3951	170M3921
		63	215	1300	25	170M3952	170M3922
		80	460	2750	30	170M3953	170M3923
		100	860	5100	35	170M3954	170M3924
		125	1450	8600	40	170M3955	170M3925
		160	2850	17,500	45	170M3956	170M3926
		200	4950	29,500	50	170M3957	170M3927
		250	9550	57,000	55	170M3958	170M3928
		315	21,500	130,000	65	170M3959	170M3929
		350	29,000	175,000	70	170M3960	170M3930
		400	42,000	250,000	75	170M3961	170M3931
1	1000 Vac IEC)	160	2200	13,500	40	170M4951	170M4921
		200	4150	24,500	45	170M4952	170M4922
		250	7750	46,000	52	170M4953	170M4923
		315	16,500	98,500	60	170M4954	170M4924
		350	21,500	130,000	65	170M4955	170M4925
		400	31,000	185,000	70	170M4956	170M4926
		450	44,500	265,000	80	170M4957	170M4927
		500	63,000	375,000	85	170M4958	170M4928
		550	84,500	500,000	90	170M4959	170M4929
		630	125,000	755,000	98	170M4960	170M4930
2	1000 Vac (IEC/UL)	250	6750	40,000	65	170M5952	170M5922
		315	13,500	81,500	75	170M5953	170M5923
		350	16,500	99,000	80	170M5954	170M5924
		400	26,000	155,000	85	170M5955	170M5925
		450	35,500	210,000	90	170M5956	170M5926
		500	49,500	295,000	95	170M5957	170M5927
		550	66,000	390,000	100	170M5958	170M5928
		630	93,500	555,000	110	170M5959	170M5929
		700	130,000	770,000	115	170M5960	170M5930
		800	195,000	1,200,000	125	170M5961	170M5931
3	1000 Vac (IEC/UL)	315	9200	54,500	90	170M8600	170M8500
		350	13,000	77,500	95	170M8601	170M8501
		400	19,000	115,000	105	170M8602	170M8502
		450	27,000	160,000	107	170M8603	170M8503
		500	37,500	225,000	110	170M8604	170M8504
		550	52,000	310,000	115	170M8605	170M8505
		630	82,500	490,000	120	170M8606	170M8506
		700	115,000	700,000	125	170M8607	170M8507
		800	170,000	1,050,000	135	170M8608	170M8508
		900	250,000	1,500,000	145	170M8609	170M8509
		1000	340,000	2,050,000	150	170M8610	170M8510
		1100	460,000	2,750,000	155	170M8611	170M8511
	1000 Vac (IEC)	1250	575,000	3,400,000	175	170M8612 <sup>1</sup>	170M8512 <sup>1</sup>
	900 Vac (IEC)	1400	795,000	4,200,000	185	170M8613 <sup>1</sup>	170M8513 <sup>1</sup>

† Watts loss at rated current.

<sup>1</sup> Overall length is 90mm, for all other fuses the overall length is 75mm.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K8564 (Size 1\*), 170K8566 (Size 1), 170K8568 (Size 2), 170K8570 (Size 3)

## 170M — Square Body size 1\* to 3, flush-end contact

1250 Vac (IEC), 1300 Vac (UL), 50 to 1400 A

Square body flush-end contact high speed fuses, for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Catalog numbers come with Type K indicator for use with microswitches.

### Ratings

- Volts
  - 1250 Vac (IEC)
  - 1300 Vac (UL)
  - 900 and 1000 Vdc (UL, see catalog number table for specific fuses)
- Amps 50-1400 A
- IR 100 kA RMS Sym.

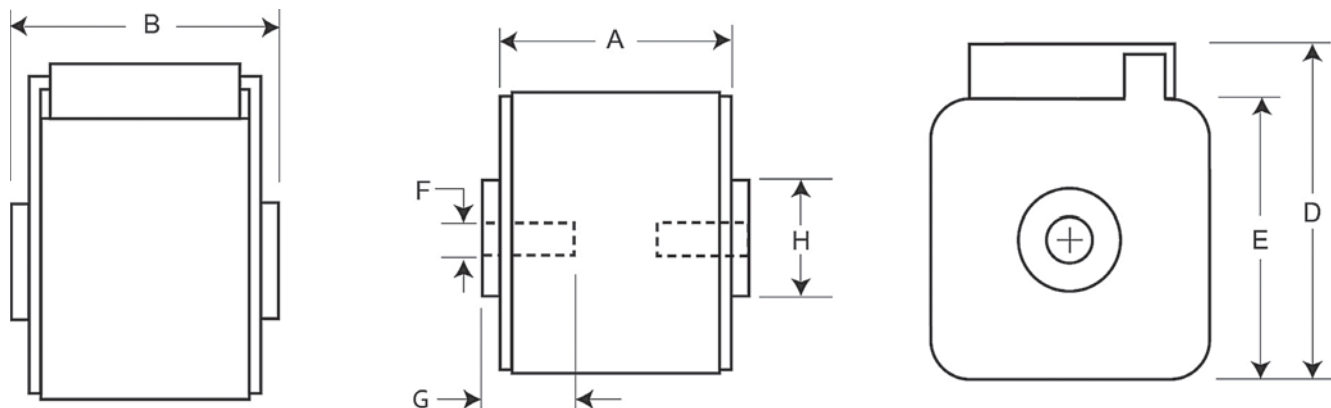
### Operating class aR

### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085†
- CSA Class 53787, File 1422-30†
- CE

† Consult your Bussmann series product representative status.

### Dimensions — mm



### Type -BKN/- and -GKN/-

Size	Type	A	B	D	E	F	F' (in)	Min G	HØ
1*	BKN + GKN/75	74	75	59	45	M8	5/16-18 UNC-2B	5	17
	BKN/80	80	81	59	45	M8		5	17
1	BKN + GKN/75	74	75	69	53	M8		8	20
	BKN/80	80	81	69	53	M8		8	20
2	BKN + GKN/75	74	75	77	61	M10	3/8-16 UNC-2B	10	24
	BKN/80	80	81	77	61	M10		10	24
	BKN + GKN/90	80	91	77	61	M10		10	24
3	BKN + GKN/75	74	76	92	76	M12	1/2-13 UNC-2B	10	30
	BKN/80	81	83	92	76	M12		10	30
	BKN + GKN/90	81	91	92	76	M12		10	30

1 Valid for fuse Types -GKN/-.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6630 (Size 1\*), 170K6632 (Size 1), 170K6634 (Size 2), 170K6636 (Size 3)



## 170M — Square Body size 1\* to 3, flush-end contact

1250 Vac (IEC), 1300 Vac (UL), 50 to 1400 A

Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)			Watts loss (W)†	Catalog no.				
			Pre-arcing	Clearing at 1000 Vac	Clearing at 1250 Vac		-BKN/75 Type K indicator for micro	-BKN/80 Type K indicator for micro	-BKN/90 Type K indicator for micro	-GKN/75 Type K indicator for micro	-GKN/90 Type K indicator for micro
1*	1250 Vac (IEC) 1300 Vac (UL)	50	135	815	1100	15	170M3388††	170M3438	—	170M3488††	—
		63	215	1300	1750	20	170M3389††	170M3439	—	170M3489††	—
		80	420	2500	3350	25	170M3390††	170M3440	—	170M3490††	—
		100	750	4450	5950	30	170M3391††	170M3441	—	170M3491††	—
		125	1450	9000	11,500	35	170M3392††	170M3442	—	170M3492††	—
		160	2600	16,000	21,000	40	170M3393††	170M3443	—	170M3493††	—
		200	5150	31,000	41,000	45	170M3394††	170M3444	—	170M3494††	—
		250	9200	54,500	73,000	55	170M3395††	170M3445	—	170M3495††	—
		315	18,500	115,000	150,000	60	170M3396††	170M3446	—	170M3496††	—
		350	27,000	165,000	220,000	65	170M3397††	170M3447	—	170M3497††	—
1	1250 Vac (IEC) 1300 Vac (UL)	400	53,000	265,000	335,000	70	—	170M3448	—	—	—
		160	1900	11,500	15,500	45	170M4388††	170M4438††	—	170M4488	—
		200	3800	22,500	30,000	50	170M4389††	170M4439††	—	170M4489	—
		250	7750	46,000	61,500	60	170M4390††	170M4440††	—	170M4490	—
		315	15,000	90,000	120,000	65	170M4391††	170M4441††	—	170M4491	—
		350	20,000	125,000	165,000	70	170M4392††	170M4442††	—	170M4492	—
		400	29,500	175,000	235,000	75	170M4393††	170M4443††	—	170M4493	—
		450	42,000	250,000	335,000	80	170M4394††	170M4444††	—	170M4494	—
		500	69,500	340,000	435,000	85	170M4395 <sup>4</sup>	170M4445	—	170M4495 <sup>4</sup>	—
		550	95,000	465,000	590,000	95	170M4396 <sup>5</sup>	170M4446	—	170M4496 <sup>5</sup>	—
2	1250 Vac (IEC) 1300 Vac (UL)	630	130,000	660,000	N/A	110	170M4397 <sup>5</sup>	170M4447 <sup>4</sup>	—	170M4497 <sup>5</sup>	—
		250	6500	38,500	51,500	65	170M5388	170M5438	—	170M5588	—
		280	9350	55,500	74,500	70	170M5389	170M5439	—	170M5589	—
		315	13,000	77,500	105,000	75	170M5390	170M5440	—	170M5590	—
		350	16,500	97,500	135,000	80	170M5391	170M5441	—	170M5591	—
		400	23,000	140,000	180,000	85	170M5392	170M5442	—	170M5592	—
		450	34,000	205,000	270,000	90	170M5393	170M5443	—	170M5593	—
		500	48,000	285,000	380,000	95	170M5394	170M5444	170M5494	170M5594	170M5644
		550	62,000	370,000	495,000	100	170M5395	170M5445	170M5495	170M5595	170M5645
		630	115,000	575,000	730,000	120	170M5396 <sup>4</sup>	170M5446	170M5496	170M5596 <sup>4</sup>	170M5646
3	1250 Vac (IEC) 1300 Vac (UL)	700	160,000	795,000	1,050,000	125	170M5397 <sup>5</sup>	170M5447 <sup>1†††</sup>	170M5497	170M5597 <sup>5</sup>	170M5647
		800	245,000	1,200,000	1,550,000	130	170M5398 <sup>5</sup>	170M5448 <sup>2†††</sup>	170M5498	170M5598 <sup>5</sup>	170M5648
		900	360,000	1,750,000	N/A	135	—	—	170M5499 <sup>3††</sup>	—	170M5649 <sup>3††</sup>
		1000	480,000	2,350,000	N/A	145	—	—	170M5500 <sup>3††</sup>	—	170M5650 <sup>3††</sup>
		315	9500	58,000	77,500	85	170M6338††	170M6538††	—	170M6588	—
		350	13,500	81,500	110,000	90	170M6339††	170M6539††	—	170M6589	—
		400	19,500	120,000	160,000	95	170M6340††	170M6540††	—	170M6590	—
		450	31,000	185,000	245,000	100	170M6341††	170M6541††	—	170M6591	—
		500	39,000	235,000	310,000	105	170M6342††	170M6542††	—	170M6592	—
		550	55,000	325,000	435,000	110	170M6343††	170M6543††	—	170M6593	—
	1250 Vac (IEC) 1300 Vac (UL)	630	83,500	495,000	665,000	115	170M6344††	170M6544††	170M6494††	170M6594	170M6644
		700	115,000	705,000	940,000	120	170M6345	170M6545††	170M6495††	170M6595	170M6645††
		800	205,000	995,000	1,300,000	125	170M6346 <sup>4</sup>	170M6546††	170M6496†††	170M6596 <sup>4</sup>	170M6646†††
		900	305,000	1,500,000	1,900,000	130	170M6347 <sup>5</sup>	170M6547 <sup>1††</sup>	170M6497†††	170M6597 <sup>5</sup>	170M6647†††
		1000	450,000	2,150,000	2,750,000	135	170M6348 <sup>5</sup>	170M6548 <sup>1††</sup>	170M6498†††	170M6598 <sup>5</sup>	170M6648†††
		1100	575,000	2,800,000	3,600,000	160	170M6349 <sup>5</sup>	170M6549 <sup>2††</sup>	170M6499†††	170M6599 <sup>5</sup>	170M6649†††
		1250	810,000	3,950,000	N/A	170	—	—	170M6500 <sup>3††</sup>	—	170M6650 <sup>4</sup>
		1400	1,250,000	6,000,000	N/A	175	—	—	170M6501 <sup>3††</sup>	—	170M6651 <sup>4</sup>

† Watts loss at rated current.

†† DC voltage rated at 900 Vdc, UL Recognized, File E125085.

††† DC voltage rated at 1000 Vdc, UL Recognized, File E125085.

1 Rated voltage 1100 Vac (IEC), 1000 Vac (UL).

2 Rated voltage 1000 Vac (IEC and UL).

3 Rated voltage 1100 Vac (IEC and UL).

4 Rated voltage (IEC) 1100 Vac.

5 Rated voltage (IEC) 1000 Vac.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K6630 (Size 1\*), 170K6632 (Size 1), 170K6634 (Size 2), 170K6636 (Size 3)

## 170M — Square Body size 4, flush-end contact

690 Vac (IEC), 700 Vac (UL), 1000 to 4000 A

Square body, flush-end contact, high speed fuses, for the protection of power rectifiers. Catalog numbers come with visual indicator or Type K indicator for use with microswitches.

### Ratings

- Volts
  - 690 Vac (IEC)/700 Vac (UL) 1000-3500 A
  - 600 Vac (IEC and UL, 4000 A)
- Amps 1000-4000 A
- IR 200 kA RMS Sym.

### Operating class aR

### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085
- CE



Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no.			
			Pre-arcing	Clearing at 660 Vac		-B/65 visual indicator	-BKN/65 Type K indicator	-G/65 visual indicator	-GKN/65 Type K indicator
4	690 Vac (IEC)	1000	76,000	505,000	175	170M7058	170M7078	170M7098	170M7118
		1250	145,000	965,000	195	170M7059	170M7079	170M7099	170M7119
		1400	205,000	1,400,000	205	170M7060	170M7080	170M7100	170M7120
		1600	305,000	2,050,000	220	170M7061	170M7081	170M7101	170M7121
		2000	600,000	3,950,000	245	170M7062	170M7082	170M7102	170M7122
	700 Vac (UL)	2500	1,200,000	7,800,000	275	170M7063	170M7083	170M7103	170M7123
		3000	2,000,000	13,500,000	305	170M7064	170M7084	170M7104	170M7124
		3500	3,250,000	22,000,000	325	170M7065	170M7085	170M7105	170M7125
		4000	4,700,000	28,000,000 <sup>1</sup>	355	170M7066	170M7086	170M7106	170M7126
	600 Vac (IEC/UL)	4000	4,700,000	28,000,000 <sup>1</sup>	355	170M7066	170M7086	170M7106	170M7126

† Watts loss at rated current.

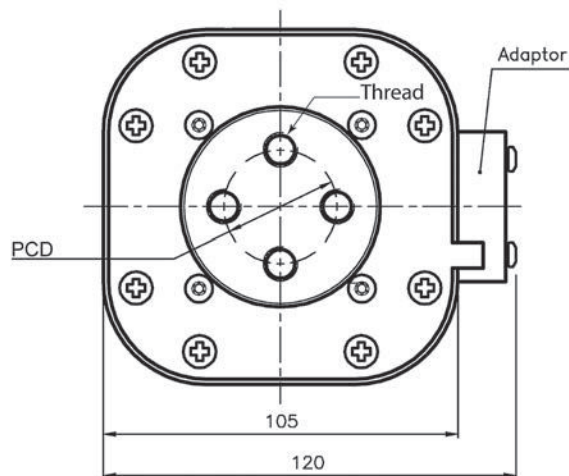
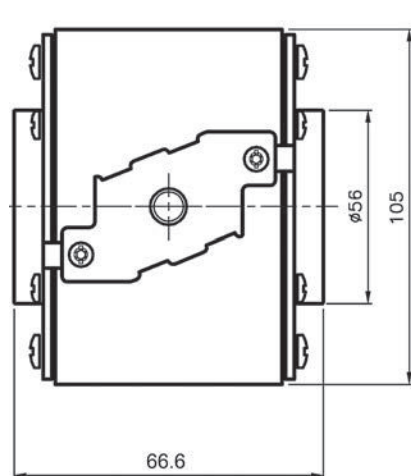
<sup>1</sup> Clearing at 600 Vac.

For details on electrical characteristics, contact Application Engineering and ask for Data sheet no. 170K6328

## 170M — Square Body size 4, flush-end contact

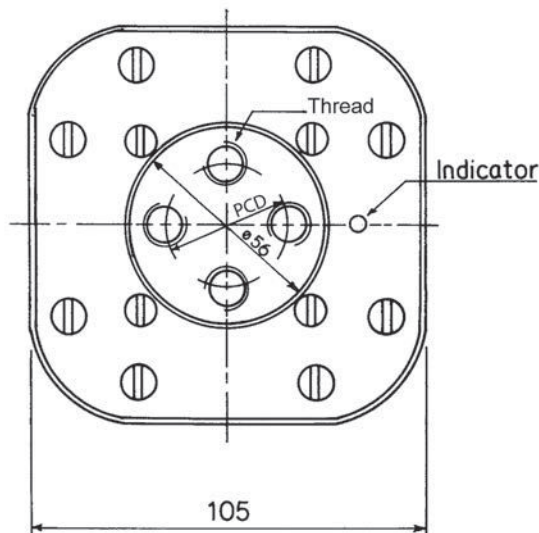
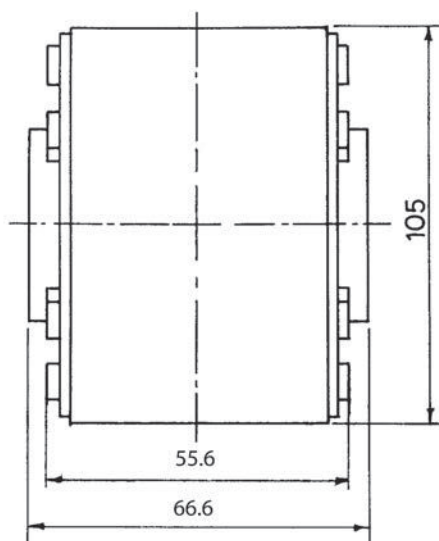
690 Vac (IEC), 700 Vac (UL), 1000 to 4000 A

Dimensions — mm



Type -BKN/65, -GKN/65

Type	PCD	Thread
-GKN/65	Ø 38.1	1/2-13 UNC
-BKN/65	Ø 33.0	M-10



Type -B/65, -G/65

Type	PCDØ	Thread
-G/65	38.1	1/2-13 UNC
-B/65	33.0	M-10

For details on electrical characteristics, contact Application Engineering and ask for Data sheet no.170K6328



## 170M — Square Body size 4, flush-end contact

1000 Vac (IEC), 1000 to 3000 A

Square body, flush-end contact, high speed fuses, for the protection of power rectifiers. Catalog numbers come with visual indicator or Type K indicator for use with microswitches.

### Ratings

- Volts 1000 Vac (IEC)
- Amps 1000-3000 A
- IR 200 kA RMS Sym.

### Operating class aR

### Agency information

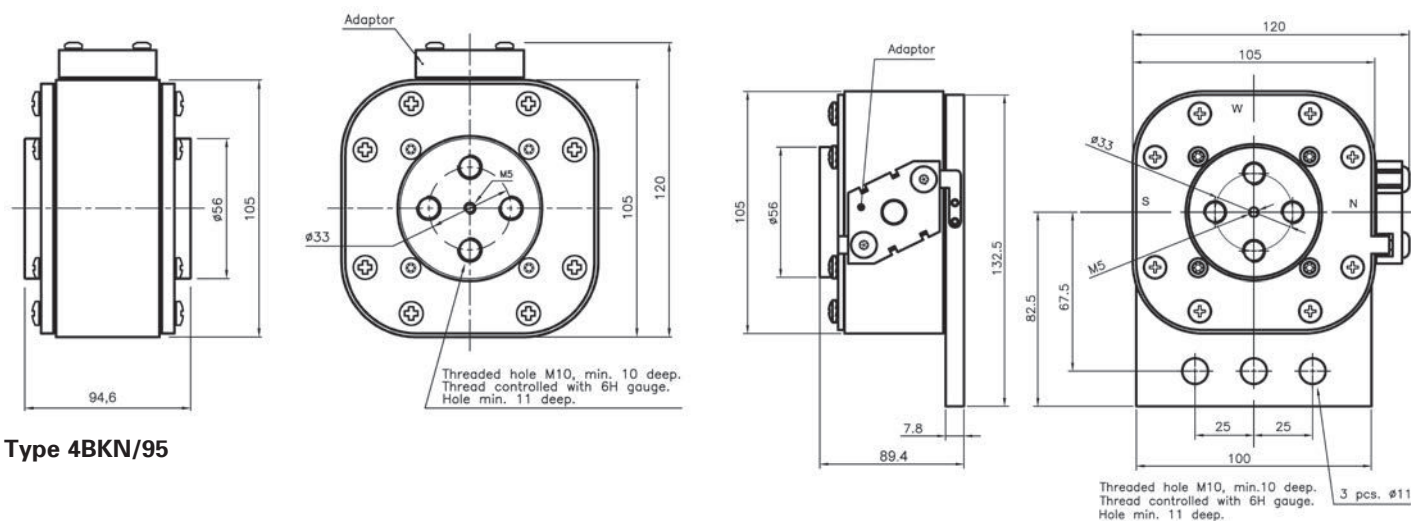
- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085
- CE



Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no.	
			Pre-arcing	Clearing at 1000 Vac		-BKN/95 Type K indicator	-SBKN/90 Type K indicator
4	1000 Vac	1000	180,000	1,100,000	195	—	170M7542
		1100	250,000	1,500,000	200	—	170M7031
		1500	600,000	3,600,000	250	170M7636	170M7548
		1700	850,000	5,000,000	260	170M7639	170M7034
		1800	1,000,000	5,950,000	265	170M7661	170M7053
		2000	1,450,000	8,600,000	270	170M7963	170M7544
		2200	2,000,000	12,000,000	280	170M7090	170M7035
		2500	3,000,000	18,000,000	295	170M7640	170M7036
		2700	3,700,000	22,000,000	310	170M7658	170M7037
		3000	4,700,000	28,000,000	380	170M7962	170M7156

† Watts loss at rated current.

### Dimensions — mm



Type 4BKN/95

Type 4SBKN/90

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 170K8520, 170K8520-R



## 170M — Square Body size 4, flush-end contact

1250 Vac (IEC), 800 to 2500 A

Square body, flush-end contact, high speed fuses, for the protection of power rectifiers. Catalog numbers come with visual indicator or Type K indicator for use with microswitches.

### Ratings

- Volts
  - 1250 Vac (IEC)
  - 1200 Vdc (UL)
- Amps 800-2500 A
- IR
  - 200 kA RMS Sym.
  - 85 kA DC (L/R 2 ms)

### Operating class aR



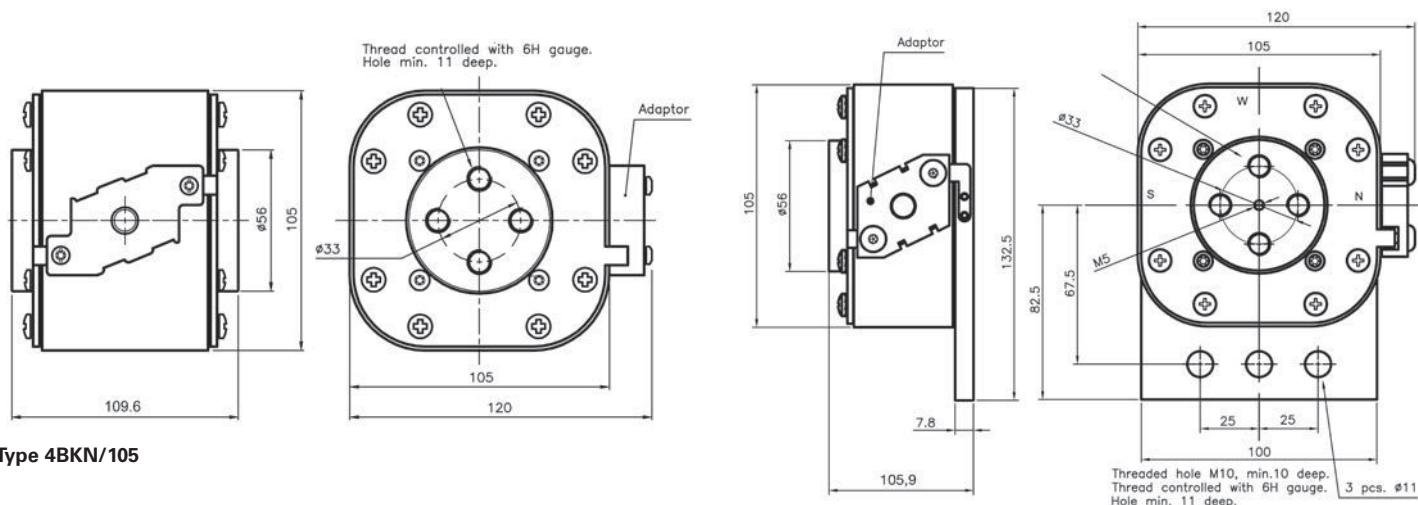
### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085
- cURus JFHR2, E125085
- CE

Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no.	
			Pre-arcing	Clearing at 1250 Vac		-BKN/105 Type K indicator	-SBKN/105 Type K indicator
4	1250 Vac (IEC) 1200 Vdc (UL)	800	145,000	905,000	195	170M7802	—
		1000	275,000	1,750,000	220	170M7803	—
		1200	495,000	3,100,000	240	170M7804	—
		1400	800,000	5,000,000	250	170M7217	170M7512
		1500	1,000,000	6,200,000	260	170M7597	170M7510
		1700	1,400,000	8,700,000	275	170M7676	170M7511
		1800	1,700,000	11,000,000	280	170M7532	170M7976
		2000	2,300,000	14,500,000	305	170M7633	170M7513
		2200	3,100,000	19,500,000	315	170M7592	170M7546
		2400	4,000,000	25,000,000	330	170M7107	170M7516
		2500	4,500,000	28,000,000	340	170M7595	170M7978

† Watts loss at rated current.

### Dimensions — mm



For details on electrical characteristics, contact Application Engineering and ask for data sheets:170K6640 (1400-2400 A), 170K6642 (800-1200, 2500 A)

## 170M — Square Body size 23, flush-end contact

660 Vac (IEC), 1000 to 4000 A

Square body, flush-end contact, high speed fuses, for the protection of power rectifiers. Catalog numbers available with Type K indicator for use with microswitches.



### Ratings

- Volts
  - 660 Vac (IEC, 1000-3000 A)
  - 600 Vac (IEC, 3500 A)
  - 550 Vac (IEC, 4000 A)
- Amps 1000-4000 A
- IR 100 kA RMS Sym.

### Operating class aR

### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085
- CE

High speed fuses

Fuse size	Rated voltage	Rated current (amps)	I²t (A²s)		Watts loss (W)†	Catalog no.					
			Pre-arcing	Clearing at 660 Vac		-BU/55	-BKE/55 Type K indicator	-BKN/55 Type K indicator	-GU/55	-GKE/55 Type K indicator	-GKN/55 Type K indicator
23	660 Vac (IEC)	1000	79,000	530,000	170	170M6858	170M6898	170M6878	170M6918	170M6958	170M6938
		1100	95,000	635,000	185	170M6859	170M6899	170M6879	170M6919	170M6959	170M6939
		1250	155,000	1,050,000	190	170M6860	170M6900	170M6880	170M6920	170M6960	170M6940
		1400	200,000	1,350,000	210	170M6861	170M6901	170M6881	170M6921	170M6961	170M6941
		1500	240,000	1,650,000	215	170M6862	170M6902	170M6882	170M6922	170M6962	170M6942
		1600	315,000	2,150,000	220	170M6863	170M6903	170M6883	170M6923	170M6963	170M6943
		1800	450,000	3,050,000	230	170M6864	170M6904	170M6884	170M6924	170M6964	170M6944
		2000	625,000	4,200,000	240	170M6865	170M6905	170M6885	170M6925	170M6965	170M6945
		2200	805,000	5,400,000	255	170M6866	170M6906	170M6886	170M6926	170M6966	170M6946
		2500	1,250,000	8,350,000	265	170M6867	170M6907	170M6887	170M6927	170M6967	170M6947
		3000	2,250,000	15,500,000	285	170M6868	170M6908	170M6888	170M6928	170M6968	170M6948
	600 Vac (IEC)	3500	3,450,000	21,000,000¹	315	170M6869	170M6909	170M6889	170M6929	170M6969	170M6949
	550 Vac (IEC)	4000	5,000,000	27,500,000²	340	170M6870	170M6910	170M6890	170M6930	170M6970	170M6950

† Watts loss at rated current.

<sup>1</sup> Clearing at 600 Vac.

<sup>2</sup> Clearing at 550 Vac.

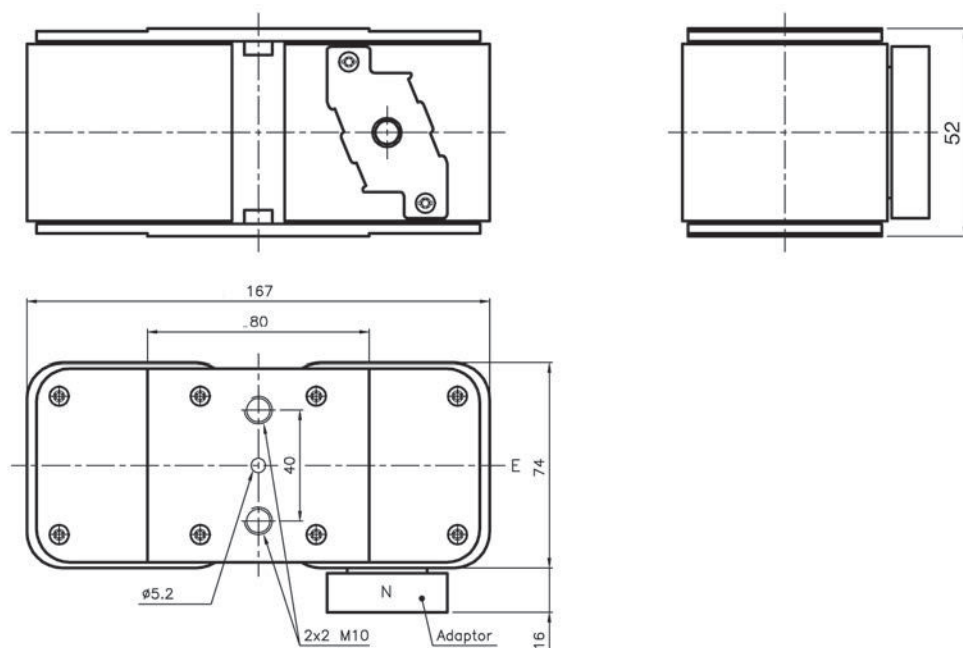
When using these fuses, please consult our application engineers.

For details on electrical characteristics, contact Application Engineering and ask for Data sheet no. 170K6326

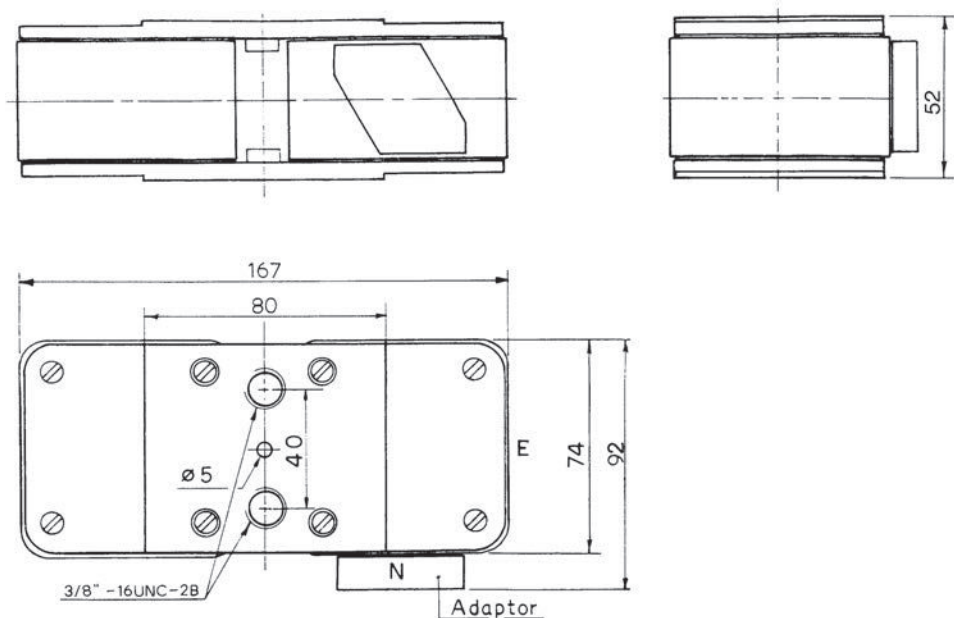
## 170M — Square Body size 23, flush-end contact

660 Vac (IEC), 1000 to 4000 A

Dimensions — mm



Type -BU/55, -BKE/55, -BKN/55



Type -GU/55, -GKE/55, -GKN/55

When using these fuses, please consult our application engineers.

For details on electrical characteristics, contact Application Engineering and ask for Data sheet no.170K6326

## 170M — Square Body size 23, flush-end contact

1250 Vac (IEC), 630 to 2800 A

Square body, flush-end contact, high speed fuses, for the protection of power rectifiers. Catalog numbers available with visual indicator or Type K indicator for use with microswitches.

### Ratings

- Volts
  - 1250 Vac (IEC 630 to 2200 A)
  - 1100 Vac (IEC 2500 and 2800 A)
  - 900 Vdc (UL, see catalog number table for specific fuses)
- Amps 630-2800 A
- IR 125 kA RMS Sym.

### Operating class aR

### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized
- CE



		Rated current (amps)	I²t (A²s)		Watts loss (W)†	Catalog no.					
			Pre-arcing	Clearing at 1250 Vac		-BU/75 visual indicator	-BKE/75 Type K indicator	-BKN/75 Type K indicator	-BU/80 visual indicator	-BKE/80 Type K indicator	-BKN/80 Type K indicator
Fuse size	Rated voltage										
23	1250 Vac (IEC)	630	38,000	310,000	170	170M6775	170M6795	170M6785	—	—	—
		700	54,000	440,000	180	170M6776	170M6796	170M6786	—	—	—
		800	78,000	640,000	190	170M6777	170M6797	170M6787	—	—	—
		900	120,000	980,000	200	170M6805	170M6807	170M6806	—	—	—
		1000	155,000	1,250,000	210	170M6778	170M6798	170M6788	—	—	—
		1100	220,000	1,750,000	220	170M6779	170M6799	170M6789	—	—	—
		1250	330,000	2,700,000	230	170M6780	170M6800	170M6790	—	—	—
		1400	460,000	3,800,000	240	170M6781	170M6801	170M6791	—	—	—
		1600	820,000	5,200,000	250	170M6782	170M6802	170M6792	—	—	—
		1800	1,200,000	7,600,000	260	170M6783††	170M6803††	170M6793††	—	—	—
		2000	1,800,000	11,000,000	270	—	—	—	170M6784	170M6804	170M6794
		2200	2,300,000	14,500,000	280	—	—	—	170M6815	170M6833	170M6827
1100 Vac (IEC)	2500	3,200,000	16,000,000¹	290	—	—	—	170M6816	170M6834	170M6828	
	2800	5,000,000	24,000,000¹	300	—	—	—	170M6817	170M6835	170M6829	

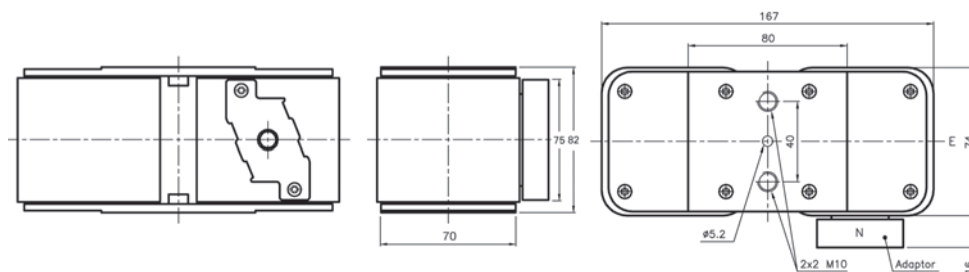
† Watts loss at rated current.

††DC voltage rated at 900 Vdc, UL Recognized, File E125085.

¹ Clearing at 1000 V.

When using these fuses, please consult our application engineers.

### Dimensions — mm



For details on electrical characteristics, contact Application Engineering and ask for Data sheet no.170K6638

## 170M — Square Body size 24, flush-end contact

690 Vac (IEC), 2000 to 7500 A

Square body, flush-end contact, high speed fuses, for the protection of power rectifiers. Catalog numbers available with Type K indicator for use with microswitches.

### Ratings

- Volts
  - 690 Vac (IEC 2000 to 7000 A)
  - 500 Vac (IEC 7500 A)
- Amps 2000-7500 A
- IR 200 kA RMS Sym.

### Operating class aR

### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085
- CE



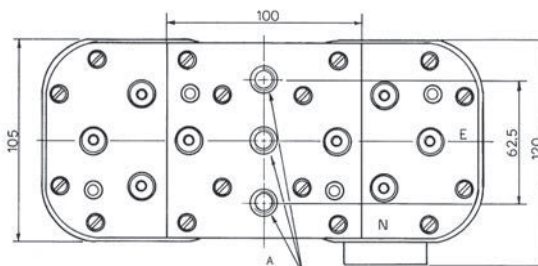
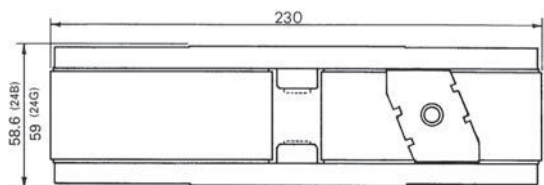
Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no.			
			Pre-arcing	Clearing at 660 Vac		-BU/60 without indicator	-BKN/60 Type K indicator	-GU/60 without indicator	-GKN/60 Type K indicator
24	690 Vac (IEC)	2000	340,000	2,300,000	340	170M7138	170M7158	170M7198	170M7218
		2500	650,000	4,350,000	390	170M7139	170M7159	170M7199	170M7219
		3000	1,100,000	7,300,000	430	170M7140	170M7160	170M7200	170M7220
		3500	1,800,000	12,000,000	460	170M7141	170M7161	170M7201	170M7221
		4000	2,700,000	18,000,000	490	170M7142	170M7162	170M7202	170M7222
		4500	3,800,000	25,500,000	520	170M7143	170M7163	170M7203	170M7223
		5000	5,450,000	36,500,000	540	170M7144	170M7164	170M7204	170M7224
		5500	7,400,000	49,500,000	560	170M7145	170M7165	170M7205	170M7225
		6000	9,600,000	64,000,000	580	170M7146	170M7166	170M7206	170M7226
		6500	12,500,000	83,000,000	600	170M7147	170M7167	170M7207	170M7227
		7000	15,000,000	100,000,000	630	170M7148	170M7168	170M7208	170M7228
	500 Vac (IEC)	7500	18,500,000	93,000,000 <sup>1</sup>	660	170M7149	170M7169	170M7209	170M7229

† Watts loss at rated current.

<sup>1</sup> Clearing at 500 Vac.

When using these fuses, please consult our application engineers.

### Dimensions — mm



Size	Type	A
24	BKN	2x3 M12
	GKN	2x3 1/2-13 UNC-2B

For details on electrical characteristics, contact Application Engineering and ask for Data sheet no.170K6332

## 170M — Square Body size 24, flush-end contact

1000 Vac (IEC), 2000 to 5000 A

Square body, flush-end contact, high speed fuses, for the protection of power rectifiers. Catalog numbers come with Type K indicator for use with microswitches.

### Ratings

- Volts 1000 Vac (IEC)
- Amps 2000-5000 A
- IR 166 kA RMS Sym.

### Operating class aR

### Agency information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085
- CE

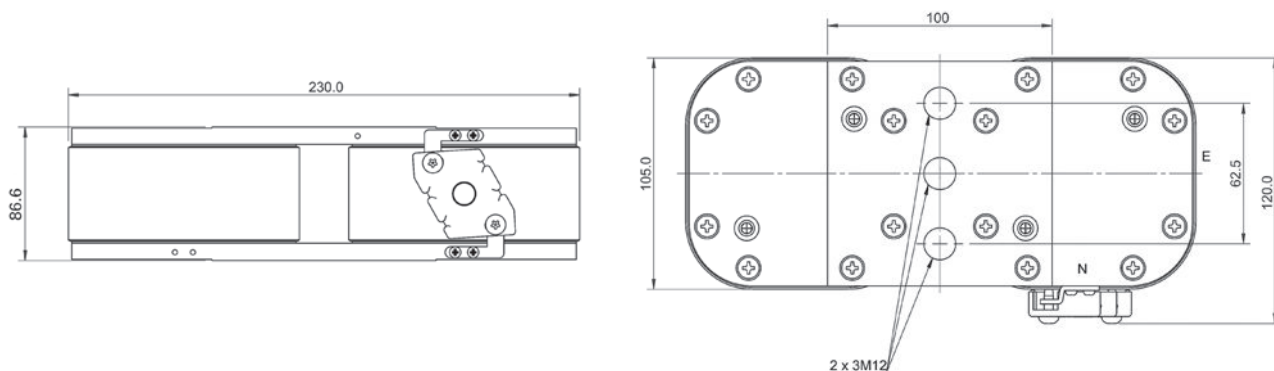


Fuse size	Rated voltage	Rated current (amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no. -BKN/85 Type K indicator
			Pre-arcing	Clearing at 1000 Vac		
24	1000 Vac (IEC)	2000	900,000	5,350,000	345	170M7608
		3000	2,950,000	17,500,000	430	170M7680
		3200	3,300,000	20,000,000	440	170M7567
		3500	4,500,000	27,000,000	450	170M7568
		4000	6,800,000	40,000,000	475	170M7569
		4200	8,000,000	47,500,000	485	170M7498
		4500	10,000,000	59,000,000	495	170M7488
		5000	14,000,000	82,500,000	540	170M7622

† Watts loss at rated current.

When using these fuses, please consult our application engineers.

### Dimensions — mm



The normal position of the indicator is as shown position "N", position "E" on request only.

For details on electrical characteristics, contact Application Engineering and ask for Data sheet no.170K8514