

## 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

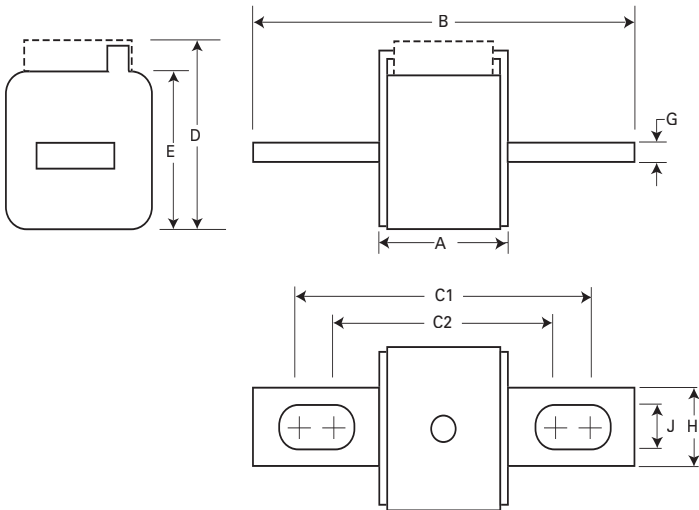
### Agency information

- 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)

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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††
1	1250 Vac (IEC) 1300 Vac (UL)	350	27,000	165,000	220,000	65	170M3697††	170M3747††
		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
2	1100 Vac IEC 1000 Vac IEC	630	130,000	660,000	N/A	100	170M4697	170M4747
		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
3	1100 Vac IEC 1000 Vac IEC	700	160,000	795,000	N/A	125	170M5697	170M5747
		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
3	1250 Vac (IEC) 1300 Vac (UL)	630	83,500	495,000	665,000	115	170M6694	170M6744
		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

High speed fuses

† Watts loss at rated current.

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

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