

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.

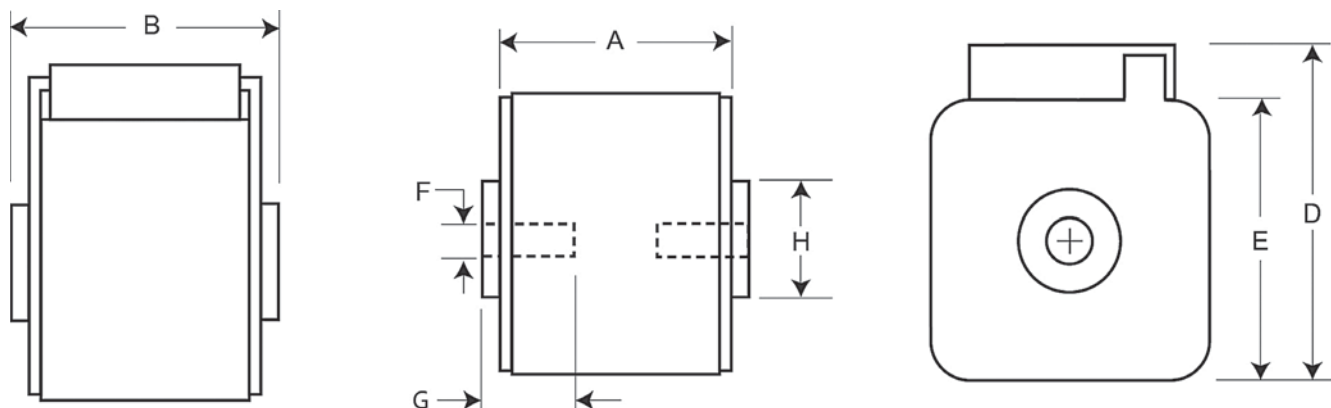
Operating class aR

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
	BKN + GKN/75	74	76	92	76	M12		10	30
3	BKN/80	81	83	92	76	M12	1/2-13 UNC-2B	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)



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Fuse size	Rated voltage	Rated current (amps)	I ² t (A ² 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 ⁴	170M4445	—	170M4495 ⁴	—
		550	95,000	465,000	590,000	95	170M4396 ⁵	170M4446	—	170M4496 ⁵	—
2	1250 Vac (IEC) 1300 Vac (UL)	630	130,000	660,000	N/A	110	170M4397 ⁵	170M4447 ⁴	—	170M4497 ⁵	—
		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 ⁴	170M5446	170M5496	170M5596 ⁴	170M5646
3	1250 Vac (IEC) 1300 Vac (UL)	700	160,000	795,000	1,050,000	125	170M5397 ⁵	170M5447 ^{1†††}	170M5497	170M5597 ⁵	170M5647
		800	245,000	1,200,000	1,550,000	130	170M5398 ⁵	170M5448 ^{2†††}	170M5498	170M5598 ⁵	170M5648
		900	360,000	1,750,000	N/A	135	—	—	170M5499 ^{3††}	—	170M5649 ^{3††}
		1000	480,000	2,350,000	N/A	145	—	—	170M5500 ^{3††}	—	170M5650 ^{3††}
		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 ⁴	170M6546††	170M6496†††	170M6596 ⁴	170M6646†††
		900	305,000	1,500,000	1,900,000	130	170M6347 ⁵	170M6547 ^{1††}	170M6497†††	170M6597 ⁵	170M6647†††
		1000	450,000	2,150,000	2,750,000	135	170M6348 ⁵	170M6548 ^{1††}	170M6498†††	170M6598 ⁵	170M6648†††
		1100	575,000	2,800,000	3,600,000	160	170M6349 ⁵	170M6549 ^{2††}	170M6499†††	170M6599 ⁵	170M6649†††
		1250	810,000	3,950,000	N/A	170	—	—	170M6500 ^{3†}	—	170M6650 ⁴
		1400	1,250,000	6,000,000	N/A	175	—	—	170M6501 ^{3†}	—	170M6651 ⁴

† 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.

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