

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

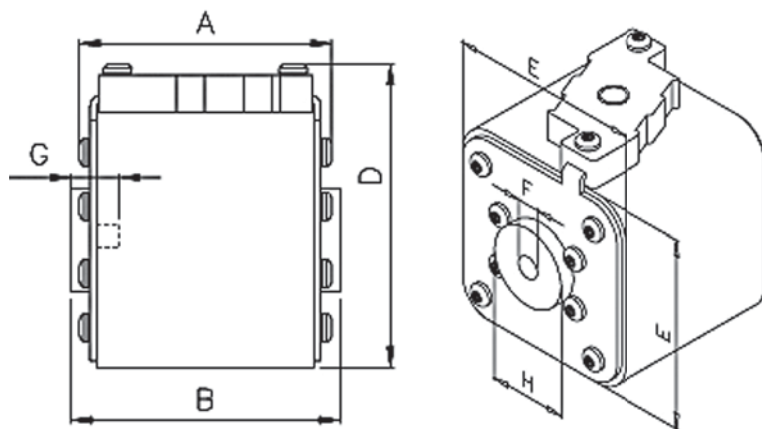
- Volts
 - 1000 Vac (IEC, 50-1250 A)
 - 1000 Vac (UL, 250-1100 A)
 - 900 Vac (IEC, 1400 A)
- Amps 50-1400 A
- IR 125 kA RMS Sym.

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)

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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 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 ¹	170M8512 ¹
	900 Vac (IEC)	1400	795,000	4,200,000	185	170M8613 ¹	170M8513 ¹

† Watts loss at rated current.

¹ Overall length is 90mm, for all other fuses the overall length is 75mm.

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