

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

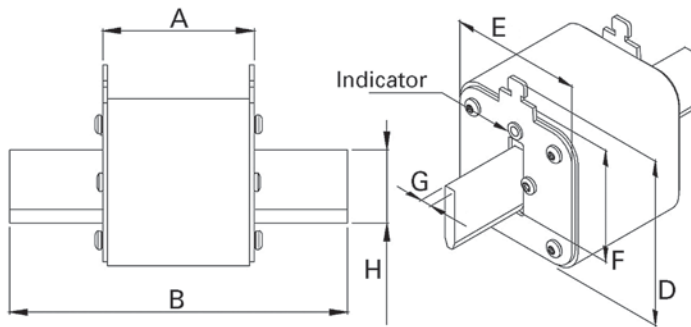
- Volts 690 Vac (IEC)
- Amps 10-800 A
- IR 200 kA RMS Sym.

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)

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Fuse size	Rated voltage	Rated current (amps) ¹	I ² t (A ² s)		Watts loss (W) [†]	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
2	690 Vac (IEC)	400	48,500.0	250,000	48.0	170M4186
		200	5650.0	29,000	33.0	170M5881
		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
3	690 Vac (IEC)	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
		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

† Watts loss at rated current.

1 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.

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