690 V a.c. (IEC), 700 V a.c. / V d.c. (UL) - 10 A to 400 A - Sizes 000 and 00 - DIN 43653 - 170M

Description

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



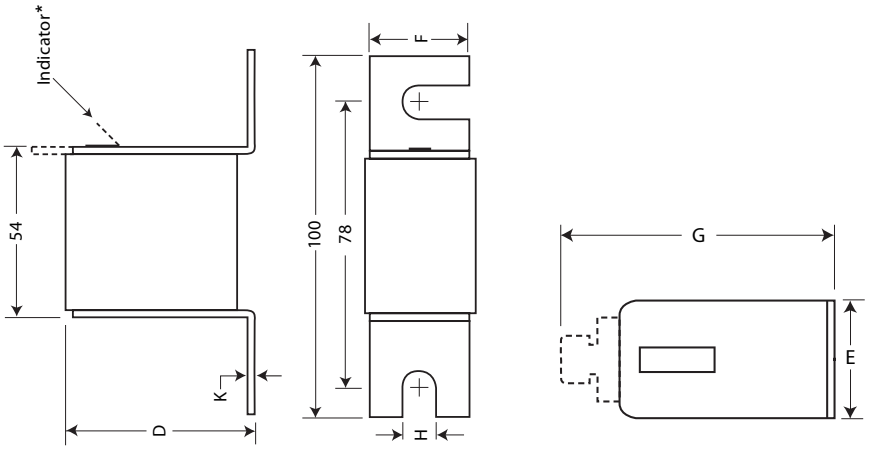
Technical data

- Rated voltage:
  - 690 V a.c. (IEC)
  - 700 V a.c. (UL, size 000; size 00 100 A to 400 A)
  - 700 V d.c. (UL, size 000)
- Rated current: 10 A to 400 A
- Breaking capacity:
  - 200 kA RMS Sym
  - 50 kA at 700 V d.c. (size 000 only)
- Operating class
  - gR - size 000 (10 A to 63 A), size 00 (25 A to 80 A)
  - aR - size 000 (>63 A), size 00 (>80 A)

Standards/Agency Information

CE, Designed and tested to IEC 60269 part 4. UL Recognised/CSA Component Acceptance on Size 000. CCC approved

Dimensions (mm)



* Indication for Size 00 fuses is a red pin.

The dotted line illustrates the Type T indicator fuse link.

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

Data sheets: 170K6310 (Size 000), 170K6312 (Size 00)

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Catalogue numbers

Fuse link body size	Rated voltage	Rated current (Amps)	I^2t (A^2 Sec)		Watts loss (W)	Operating class	Catalogue numbers		
			Pre-Arcing	Clearing at 660 V a.c.			-U/80 Without indicator	-/80 Visual indicator	-TN/80 Type T indicator for micro
000	690 V a.c. (IEC) 700 V a.c. / V d.c. (UL)	10	3.8	25.5	3	gR	170M1308	170M1358	170M1408
		16	7.2	48	5.5		170M1309	170M1359	170M1409
		20	11.5	78	7		170M1310	170M1360	170M1410
		25	19	130	9		170M1311	170M1361	170M1411
		32	40	270	10		170M1312	170M1362	170M1412
		40	69	460	12		170M1313	170M1363	170M1413
		50	115	770	15		170M1314	170M1364	170M1414
		63	215	1450	16		170M1315	170M1365	170M1415
		80	380	2550	19	aR	170M1316	170M1366	170M1416
		100	695	4650	24		170M1317	170M1367	170M1417
		125	1250	8500	28		170M1318	170M1368	170M1418
		160	2350	16,000	32		170M1319	170M1369	170M1419
		200	4200	28,000	37		170M1320	170M1370	170M1420
		250	7750	51,500	42		170M1321	170M1371	170M1421
		315	12,000	80,500	53		170M1322	170M1372	170M1422
00	690 V a.c. (IEC)	25	19	130	6	gR		170M2608	170M2658
		32	28.5	195	7			170M2609	170M2659
		40	50	360	9			170M2610	170M2660
		50	95	640	10			170M2611	170M2661
		63	170	1200	12			170M2612	170M2662
		80	310	2100	15			170M2613	170M2663
00	690 V a.c. (IEC) 700 V a.c. (UL)	100	620	4150	20	aR		170M2614	170M2664
		125	1000	6950	25			170M2615	170M2665
		160	1900	13,000	30			170M2616	170M2666
		200	3400	23,000	35			170M2617	170M2667
		250	6250	42,000	45			170M2618	170M2668
		315	10,000	68,500	55			170M2619	170M2669
		350	13,500	91,500	60			170M2620	170M2670
		400	18,000	125,000	70			170M2621	170M2671

Data sheets: 170K6310 (Size 000), 170K6312 (Size 00)

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