

## Size 1\* to 3, DIN 43653, 170M

1000 V a.c. (IEC and UL), 50 to 1400 A

### Specifications

#### 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:

- 1000 V a.c. (IEC, 50-1250 A), 900 V a.c. (IEC, 1400 A)
- 1000 V a.c. (UL size 2, size 3, 315-1100 A only)

Rated current: 50-1400 A

Breaking Capacity: 125kA RMS Sym.

Operating Class: aR

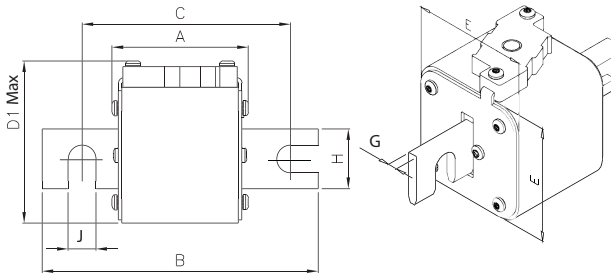
#### Standards/Agency Information

CE, Designed and tested to IEC60269 Part 4, UL Recognised (only sizes 2 & 3)

CCC only size 3 (315-1100 A)

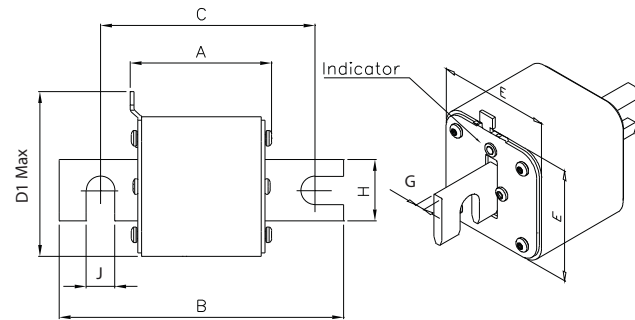


### Dimensions - mm



#### Type -KN/110

Size	A	B	C	D1 (max)	E	G	H	J
1*KN/110	80	138	108	61	43	6	22	11
1KN/110	80	138	108	69	51	6	25	11
2KN/110	80	138	108	77	59	6	25	11
3KN/110	81	139	108	92	74	6	30	11



#### Type -TN/110

Size	A	B	C	D1 (max)	E	G	H	J
1*TN/110	80	138	108	61	43	6	22	11
1TN/110	80	138	108	69	51	6	25	11
2TN/110	80	138	108	75	59	6	25	11
3TN/110	81	139	108	90	74	6	30	11

## Size 1\* to 3, DIN 43653, 170M

1000 V a.c. (IEC and UL), 50 to 1400 A

Fuse link body size	Rated voltage	Rated current (Amps)	I <sup>2</sup> t (A <sup>2</sup> Sec)		Watts loss (W)	Catalogue numbers		
			Pre-arcing	Clearing at rated voltage		-KN/110 Type K indicator for micro	-TN/110 Type T indicator for micro	
1*	1000 V a.c. (IEC)	50	135	815	20	170M3965	170M3981	
		63	215	1300	25	170M3966	170M3982	
		80	460	2750	30	170M3967	170M3983	
		100	860	5100	35	170M3968	170M3984	
		125	1450	8600	40	170M3969	170M3985	
		160	2850	17,500	45	170M3970	170M3986	
		200	4950	29,500	50	170M3971	170M3987	
		250	9550	57,000	55	170M3972	170M3988	
		315	21,500	130,000	65	170M3973	170M3989	
		350	29,000	175,000	70	170M3974	170M3990	
		400	42,000	250,000	75	170M3975	170M3991	
1	1000 V a.c. (IEC)	160	2200	13,500	40	170M4965	170M4980	
		200	4150	24,500	45	170M4966	170M4981	
		250	7750	46,000	52	170M4967	170M4982	
		315	16,500	98,500	60	170M4968	170M4983	
		350	21,500	130,000	65	170M4969	170M4984	
		1000 V a.c. / 750 V d.c. (UL)	400	31,000	185,000	70	170M4970	170M4985
			450	44,500	265,000	80	170M4971	170M4986
			500	63,000	375,000	85	170M4972	170M4987
			550	84,500	500,000	90	170M4973	170M4988
		630	125,000	755,000	98	170M4974	170M4989	
2	1000 V a.c. (IEC and UL)	250	6750	40,000	65	170M5966	170M5981	
		315	13,500	81,500	75	170M5967	170M5982	
		350	16,500	99,000	80	170M5968	170M5983	
		400	26,000	155,000	85	170M5969	170M5984	
		450	35,500	210,000	90	170M5970	170M5985	
		500	49,500	295,000	95	170M5971	170M5986	
		550	66,000	390,000	100	170M5972	170M5987	
		630	93,500	555,000	110	170M5973	170M5988	
		700	130,000	770,000	115	170M5974	170M5989	
		800	195,000	1,200,000	125	170M5975	170M5990	
3	1000 V a.c. (IEC and UL)	315	9200	54,500	90	170M8614	170M8629	
		350	13,000	77,500	95	170M8615	170M8630	
		400	19,000	115,000	105	170M8616	170M8631	
		450	27,000	160,000	107	170M8617	170M8632	
		500	37,500	225,000	110	170M8618	170M8633	
		550	52,000	310,000	115	170M8619	170M8634	
		630	82,500	490,000	120	170M8620	170M8635	
		700	115,000	700,000	125	170M8621	170M8636	
		800	170,000	1,050,000	135	170M8622	170M8637	
		900	250,000	1,500,000	145	170M8623	170M8638	
		1000	340,000	2,050,000	150	170M8624	170M8639	
		1100	460,000	2,750,000	155	170M8625	170M8640	
		1000 V a.c. (IEC)	1250	575,000	3,400,000	175	170M8626	170M8641
	900 V a.c. (IEC)	1400	795,000	4,200,000	185	170M8627	170M8642	

Data sheets: 170K8564 (Size 1\*), 170K8566 (Size 1), 170K8568 (Size 2), 170K8570 (Size 3)