

170M — Square Body size 1* to 3, DIN 43653

1000 Vac (IEC and UL), 50 to 1400 A

Square body DIN 43653 bolted tags high speed fuses, for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Available with a Type T or K indicator for a microswitch.

Ratings

- Volts
 - 1000 Vac (IEC, 50-1250 A), 900 Vac (IEC, 1400 A)
 - 1000 Vac (UL size 2, size 3, 315-1100 A only)
 - 900 Vdc (UL, see catalog number table for specific fuses)
- Amps 50-1400 A
- IR 125 kA RMS Sym.

Operating class aR

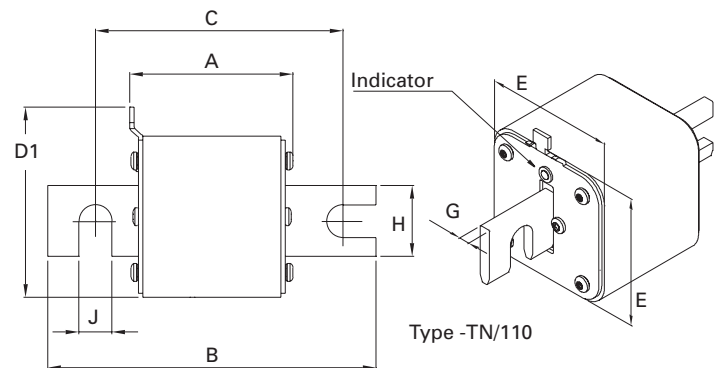
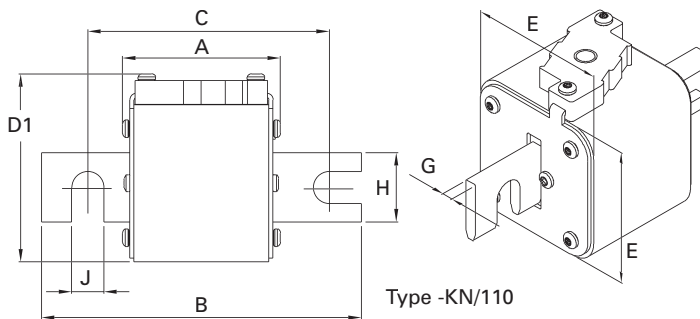
Agency Information

- Designed and tested to IEC 60269 Part 4
- UL Recognized, JFHR2, E125085 (only sizes 2 and 3)
- CCC (only size 3, 315-1100 A)
- CE

Dimensions — mm



High speed fuses



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 |

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)

170M — Square Body size 1* to 3, DIN 43653

1000 Vac (IEC and UL), 50 to 1400 A

| Fuse size | Rated voltage | Rated current (amps) | I ² t (A ² s) | | Watts loss (W)† | Catalog no. | | | |
|-----------|-----------------------|----------------------|-------------------------------------|---------------------------|-----------------|--|--|----------|------------|
| | | | Pre-arcing | Clearing at rated voltage | | -KN/110 Type K indicator for microswitch | -TN/110 Type T indicator for microswitch | | |
| 1* | 1000 Vac (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 Vac (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 | | |
| 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 Vac (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 Vac (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 Vac (IEC) | 1250 | 575,000 | 3,400,000 | 175 | 170M8626 | 170M8641 | | |
| | 900 Vac (IEC) | 1400 | 795,000 | 4,200,000 | 185 | 170M8627 | 170M8642 | | |

† Watts loss at rated current.

††DC voltage rated at 900 Vdc, UL Recognized, File E125085.

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)