

FM, FMM, MT, MMT BS88

690 Vac/350-450 Vdc (IEC), 700 Vac/500 Vdc (UL), 160 to 710 A

BS88 style bolted tags high speed fuses for the protection of DC common bus, DC drives, power converters /rectifiers and reduced rated voltage starters.

Ratings

- Volts
 - FM: 690 Vac/450 Vdc (IEC); 700 Vac/500 Vdc (UL)
 - FMM: 690 Vac/450 Vdc (IEC); 700 Vac (UL)
 - MT and MMT: 690 Vac/350 Vdc (IEC); 700 Vac (UL)
- Amps 160-710 A
- IR
 - FM: 200 kA RMS Sym. (IEC/UL), 40 kA at 450 Vdc (IEC), 50 kA at 500 Vdc (UL)
 - FMM: 200 kA RMS Sym. (IEC/UL), 40 kA at 450 Vdc (IEC).
 - MT and MMT: 200 kA RMS Sym. (IEC/UL), 40 kA at 350 Vdc (IEC).

Operating class aR

Agency information

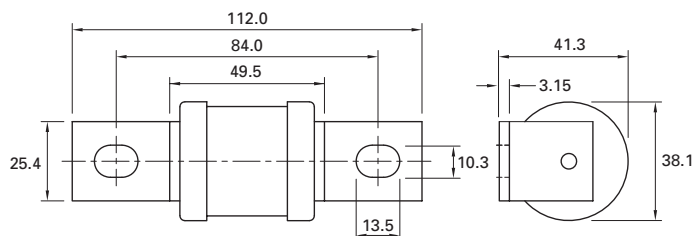
- Designed and tested to BS88 Part 4 and IEC 60269 Part 4
- UL Recognized MT and MMT 350 Vdc (IEC) rating*
- CCC for FM and FMM
- CE

Consult your Bussmann series product representative for UL Recognized status.

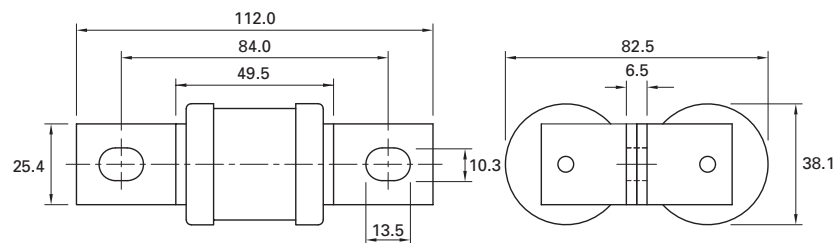


High speed fuses

Dimensions — mm



FM, MT — indicator optional



FMM, MMT — indicator optional

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 5785314 (FM), 5785313 (MT), 5785292 (FMM), 5785311 (MMT)

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| Fuse symbol | Rated voltage | Rated current (amps) | I ² t (A ² s) | | Watts loss (W)† | Catalog no. | |
|-------------|---|----------------------|-------------------------------------|---------------------|-----------------|-------------|---------------------|
| | | | Pre-arcing | Clearing at 415 Vac | | | Clearing at 660 Vac |
| FM | 690 Vac/450 Vdc (IEC) 700 Vac/500 Vdc (UL) | 180 | 1400 | 7500 | 13,500 | 40 | 180FM |
| | | 200 | 2600 | 10,500 | 18,500 | 40 | 200FM |
| | | 225 | 3700 | 14,500 | 26,500 | 44 | 225FM |
| | | 250 | 5200 | 20,500 | 37,500 | 48 | 250FM |
| | | 280 | 7000 | 30,500 | 55,000 | 48 | 280FM |
| | | 315 | 10,000 | 40,000 | 77,000 | 55 | 315FM |
| | | 350 | 15,000 | 60,000 | 105,000 | 55 | 350FM |
| FMM | 690 Vac/450 Vdc (IEC) 700 Vac (UL) | 400 | 10,000 | 40,000 | 72,500 | 85 | 400FMM |
| | | 450 | 15,000 | 60,000 | 105,000 | 90 | 450FMM |
| | | 500 | 20,000 | 82,000 | 150,000 | 100 | 500FMM |
| | | 550 | 30,000 | 120,000 | 215,000 | 100 | 550FMM |
| | | 630 | 45,000 | 180,000 | 310,000 | 100 | 630FMM |
| | | 700 | 60,000 | 245,000 | 420,000 | 120 | 700FMM |
| MT | 690 Vac/350 Vdc (IEC) 700 Vac (UL) | 160 | 2400 | 15,000 | 25,000 | 26 | 160MT |
| | | 180 | 3800 | 25,000 | 38,000 | 26 | 180MT |
| | | 200 | 6000 | 40,000 | 58,000 | 27 | 200MT |
| | | 250 | 11,500 | 80,000 | 110,000 | 32 | 250MT |
| | | 280 | 16,500 | 100,000 | 150,000 | 35 | 280MT |
| | | 315 | 19,000 | 125,000 | 180,000 | 42 | 315MT |
| | | 355 | 22,000 | 160,000 | 200,000 | 51 | 355MT |
| MMT | 690 Vac/350 Vdc (IEC) 700 Vac (UL) | 180 | 1650 | 12,000 | 18,000 | 42 | 180MMT |
| | | 200 | 2200 | 16,000 | 23,000 | 42 | 200MMT |
| | | 225 | 3700 | 26,000 | 40,000 | 42 | 225MMT |
| | | 280 | 6600 | 47,000 | 70,000 | 47 | 280MMT |
| | | 315 | 8600 | 62,000 | 91,000 | 51 | 315MMT |
| | | 355 | 13,500 | 97,000 | 140,000 | 54 | 355MMT |
| | | 400 | 21,000 | 150,000 | 220,000 | 60 | 400MMT |
| | | 450 | 30,000 | 220,000 | 320,000 | 57 | 450MMT |
| | | 500 | 42,000 | 300,000 | 450,000 | 64 | 500MMT |
| | | 560 | 60,000 | 430,000 | 640,000 | 64 | 560MMT |
| | | 630 | 68,500 | 500,000 | 720,000 | 86 | 630MMT |
| 710 | 78,000 | 600,000 | 850,000 | 105 | 710MMT | | |

† Watts loss at rated current.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 5785314 (FM), 5785313 (MT), 5785292 (FMM), 5785311 (MMT)