

Square Body – DIN 43 620

690V (IEC/U.L.) 10-315A

| Electrical Characteristics | | | | | Ordering Information | | | Curves |
|----------------------------|---------------------------|-----------|---------------------|---------------|---|----------------|--------------------------|----------|
| Size | Rated Current RMS-Amps | I²t (A²S) | | Watts Loss | DIN 000 Type T Indicator for Micro | Carton Qty. | Carton Weight (kg) | BIF # |
| | | Pre-arc | Clearing at 660V | | | | | |
| 000 | 10 | 3.8 | 25.5 | 3.0 | 170M1558 | 10 | 1.30 | 17056310 |
| | 16 | 7.2 | 48 | 5.5 | 170M1559 | | | |
| | 20 | 11.5 | 78 | 7 | 170M1560 | | | |
| | 25 | 19 | 130 | 9 | 170M1561 | | | |
| | 32 | 40 | 270 | 10 | 170M1562 | | | |
| | 40 | 69 | 460 | 12 | 170M1563 | | | |
| | 50 | 115 | 770 | 15 | 170M1564 | | | |
| | 63 | 215 | 1450 | 16 | 170M1565 | | | |
| | 80 | 380 | 2550 | 19 | 170M1566 | | | |
| | 100 | 695 | 4650 | 24 | 170M1567 | | | |
| | 125 | 1200 | 8500 | 28 | 170M1568 | | | |
| | 160 | 2300 | 16000 | 32 | 170M1569 | | | |
| | 200 | 4200 | 28000 | 37 | 170M1570 | | | |
| | 250 | 7750 | 51500 | 42 | 170M1571 | | | |
| | 315 | 12000 | 80500 | 52 | 170M1572 | | | |

■ Interrupting rating 200kA (Estimated 300kA) RMS Symmetrical.

■ Watts loss provided at rated current.

■ Microswitch indicator ordered separately.

1 kg = 2.2 lbs. 1 lb = 0.45 kg

Rated Current

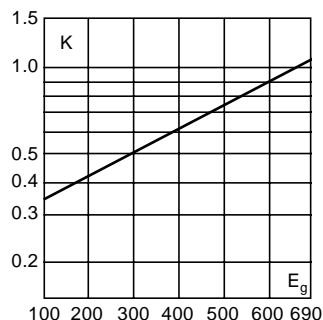
The rated current of this fuse range has been given with copper conductors that have a current density of 1.3 A/mm² (IEC 60269-4). For conductor cross section according to IEC 60269-1, the fuses with a rated current higher than 125A must be derated. Please contact Bussmann for application assistance.



Electrical Characteristics

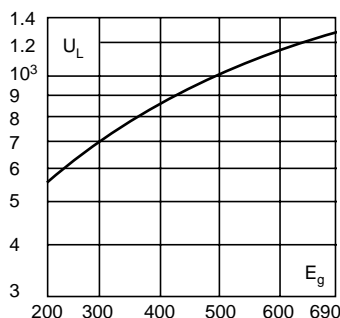
Total Clearing I^2t

The total clearing I^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I^2t is found by multiplying by correction factor, K , given as a function of applied working voltage, E_g , (RMS).



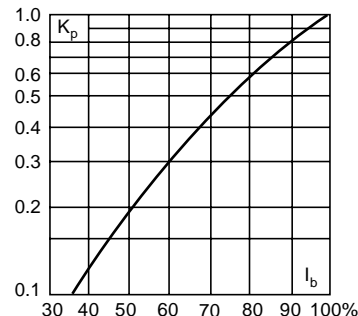
Arc Voltage

This curve gives the peak arc voltage, U_L , which may appear across the fuse during its operation as a function of the applied working voltage, E_g , (RMS) at a power factor of 15%.



Power Losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the power losses at load currents lower than the rated current. The correction factor, K_p , is given as a function of the RMS load current, I_b , in % of the rated current.

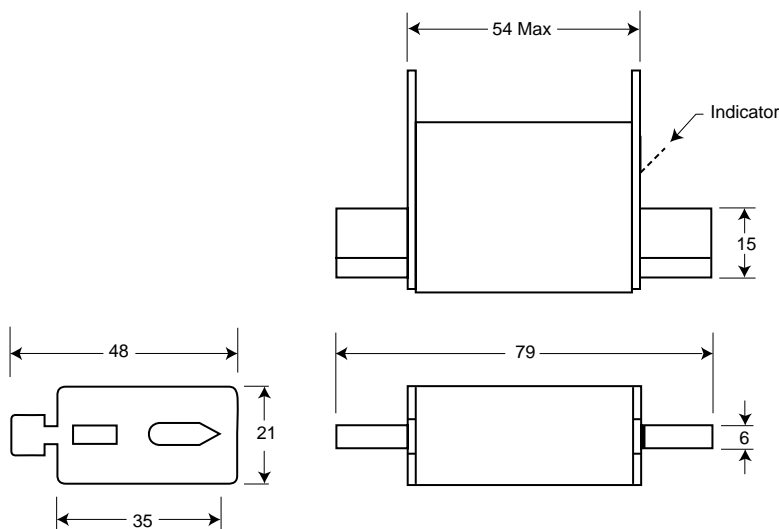


Dimensions

DIN 43 620: Type DIN 000

Dimension in mm.

1mm = 0.0394" 1" = 25.4mm



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