

Ferrule

FWH 500V 1-30A

| Electrical Characteristics | | | | Ordering Information | | | | Dimensions | Curves |
|---|---------------------------|-----------|---------------------|----------------------|----------------|----------------|--------------------------|------------------|---------------------------|
| Size | Rated Current RMS-Amps | I²t (A²S) | | Watts Loss | Part Number | Carton Qty. | Carton Weight (kg) | Figure Number | See Page or (BIF #) |
| | | Pre-arc | Clearing at 500V | | | | | | |
| 14 × 51mm (⁹ / ₁₆ ") | 1 | — | — | — | FWH-1A14F | 10 | 0.250 | Fig. 1 | page 93 (35785298) |
| | 2 | — | — | — | FWH-2A14F | | | | |
| | 3 | — | — | 2.3 | FWH-3A14F | | | | |
| | 4 | — | — | — | FWH-4A14F | | | | |
| | 5 | 1.6 | 6.4 | 1.5 | FWH-5A14F | | | | |
| | 6 | 1.6 | 6.4 | 1.5 | FWH-6A14F | | | | |
| | 10 | 3.6 | 13 | 4 | FWH-10A14F | | | | |
| | 12 | — | — | — | FWH-12A14F | | | | |
| | 15 | 10 | 40 | 5.5 | FWH-15A14F | | | | |
| | 20 | 26 | 96 | 6 | FWH-20A14F | | | | |
| | 25 | 49 | 191 | 7 | FWH-25A14F | | | | |
| | 30 | 58 | 232 | 9 | FWH-30A14F | | | | |

■ Interrupting rating 200kA RMS Symmetrical.

■ Watts loss provided at rated current.

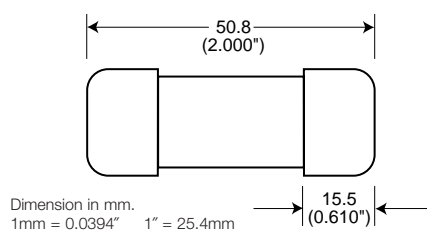
■ 500 Vdc U.L. Recognition on 5 through 30 amperes only. Consult Bussmann for additional ratings.

■ See accessories on page 90.

1 kg = 2.2 lbs. 1 lb = 0.45 kg

Dimensions

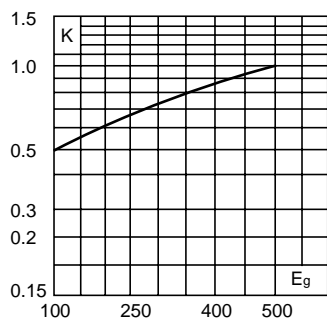
Fig. 1: 1-30 Amp Range



Electrical Characteristics

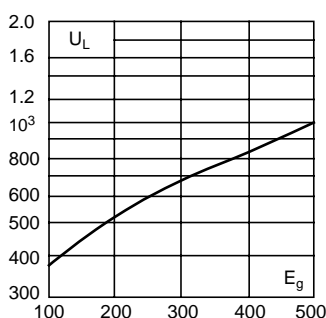
Total Clearing I²t

The total clearing I²t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I²t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g, (RMS).



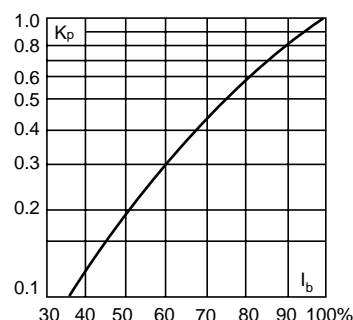
Arc Voltage

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.



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