| Electrical Characteristics |  |  |  |  | Ordering Information |  |  | Dimensions <br>  <br> Figure <br> Number | Curves <br> See Page <br> or <br> (BIF \#) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Rated Current RMS-Amps | $1^{2} \mathrm{t}\left(\mathrm{A}^{2} \mathrm{Sec}\right)$ |  | Watts Loss |  |  | Carton |  |  |
| Type |  | Pre-arc | Clearing at 130V |  | Part <br> Number | Carton Qty. | Weight (lbs) |  |  |
| $\begin{aligned} & \text { FWA } \\ & 130 \mathrm{~V} \end{aligned}$ | 1000 | 170000 | 460000 | 60 | FWA-1000AH | 1 | 3.3 | Fig. 1 | $\begin{array}{\|c} \text { page } 21 \\ (35785301) \end{array}$ |
|  | 1200 | 270000 | 730000 | 70 | FWA-1200AH |  |  |  |  |
|  | 1500 | 520000 | 1400000 | 78 | FWA-1500AH |  |  |  |  |
|  | 2000 | 860000 | 2400000 | 108 | FWA-2000AH |  |  |  |  |
|  | 2500 | 1500000 | 4100000 | 130 | FWA-2500AH |  |  |  |  |
|  | 3000 | 2100000 | 5700000 | 150 | FWA-3000AH |  |  |  |  |
|  | 4000 | 3400000 | 9200000 | 257 | FWA-4000AH |  |  | Fig. 2 |  |

- Interrupting rating 200kA RMS Symmetrical.
$1 \mathrm{~kg}=2.2 \mathrm{lbs} \quad 1 \mathrm{lb}=0.45 \mathrm{~kg}$
- Watts loss provided at rated current.
- 130 Vdc U.L. Recognition on 1000 through 2000 amperes only.
- See accessories on page 20.


## Electrical Characteristics

## Total Clearing $\mathbf{I}^{\mathbf{2}} \mathbf{t}$

The total clearing ${ }^{12}$ t at rated voltage and at power factor of $15 \%$ are given in the electrical characteristics. For other voltages, the clearing $l^{2} t$ is found by multiplying by correction factor, K, given as a function of applied working voltage, $\mathrm{E}_{\mathrm{g}}$, (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, $\mathrm{E}_{\mathrm{g}}$, (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, $\mathrm{l}_{\mathrm{b}}$, in \% of the rated current.


FWA 130V 1000-4000A

## Dimensions

Fig. 1: 1000-3000 Amp Range


Fig. 2: 4000 Amp Range


| Order \# | Fig. | B | C | D | Thread Depth |
| :--- | :---: | :---: | :---: | :---: | :---: |
| FWA-1000AH-2000AH | 1 | 2.0 | 1.0 | - | Tapped $3 / 8^{\prime \prime}-24 \times 1 / 2^{\prime \prime}$ |
| FWA-3000AH | 1 | 3.0 | 1.5 | - | Tapped $1 / 2^{\prime \prime}-20 \times 1 / 2^{\prime \prime}$ |
| FWA-4000AH | 2 | 3.5 | 1.5 | 1.5 | Tapped $1 / 2^{\prime \prime}-20 \times 1 / 2^{\prime \prime}$ |
| Dimension in inches. <br> $1 \mathrm{~mm}=0.0394^{\prime \prime}$$\quad 1^{\prime \prime}=25.4 \mathrm{~mm}$ |  |  |  |  |  |

