

FWA 150V 70-1000A

Type	Electrical Characteristics				Ordering Information			Dimensions	Curves
	Rated Current RMS-Amps	I ² t (A ² Sec)		Watts Loss	Part Number	Carton Qty.	Carton Weight (lbs)	Figure Number	See Page or (BIF #)
		Pre-arc	Clearing at 150V						
FWA 150V	70	470	4000	6.9	FWA-70A	1	0.18	Fig. 1	page 21 (35785310)
	80	670	6000	7.7	FWA-80A				
	100	1200	12000	9.0	FWA-100A				
	125	1870	18000	11.2	FWA-125A				
	150	2700	26000	13.5	FWA-150A				
	200	4780	45000	17.6	FWA-200A				
	250	7470	70000	22.5	FWA-250A				
	300	10760	100000	27.0	FWA-300A				
	350	15700	140000	30.6	FWA-350A	5	2.42	Fig. 2	
	400	20300	180000	35.2	FWA-400A				
	500	39000	120000	35.0	FWA-500A				
	600	46000	140000	47.0	FWA-600A				
	700	75000	220000	49.0	FWA-700A				
	800	92000	280000	58.0	FWA-800A				
1000	170000	510000	60.0	FWA-1000A					

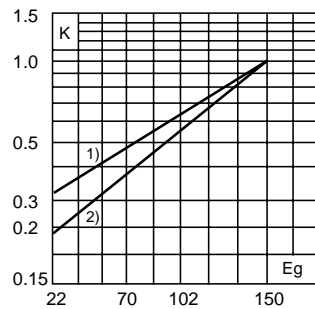
- Interrupting rating 100kA RMS Symmetrical.
- Watts loss provided at rated current.
- 150 Vdc U.L. Recognition on 70 through 800 amperes only. Consult Bussmann for additional ratings.
- See accessories on page 20.

1 kg = 2.2 lbs 1 lb = 0.45 kg

Electrical Characteristics

Total Clearing I²t

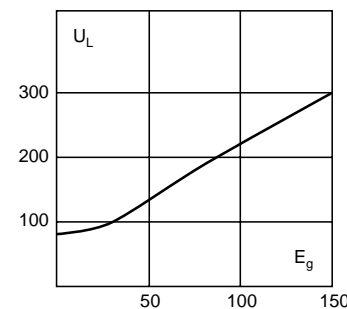
The total clearing I²t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I²t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g, (RMS).



1) 500-1000 Amp Range
2) 70-400 Amp Range

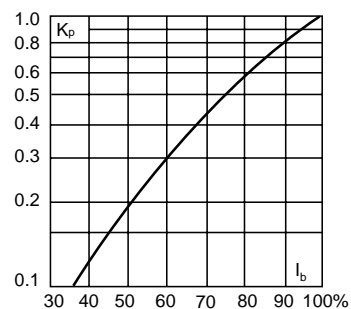
Arc Voltage

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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rev. 3/3/98

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Dimensions

Fig. 1: 70-400 Amp Range

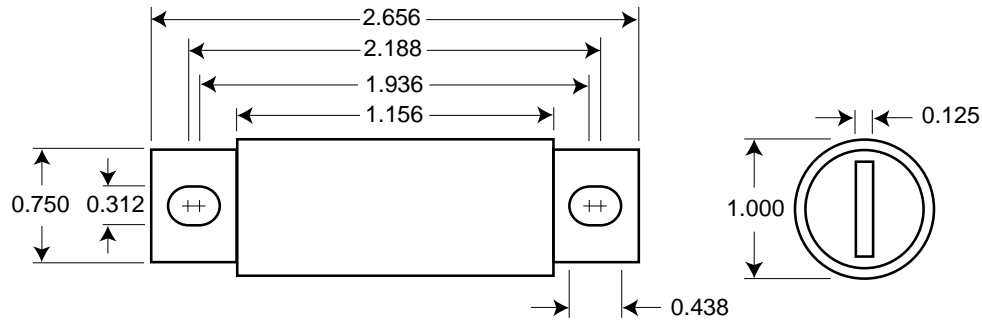
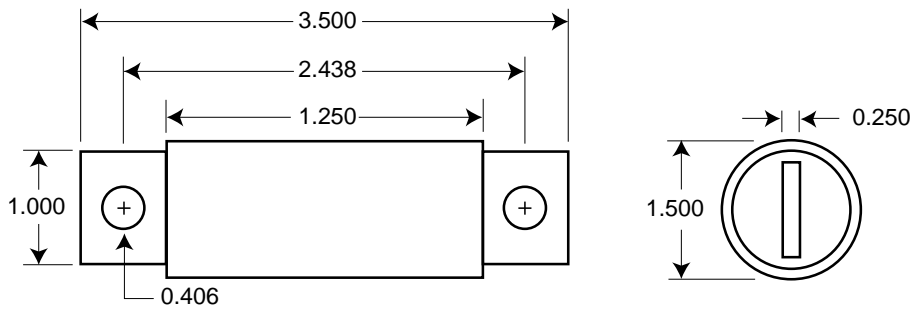


Fig. 2: 500-1000 Amp Range



Dimension in inches.
 1mm = 0.0394" 1" = 25.4mm

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