



FWA 150V 70-1000A

Electrical Characteristics					Ordering Information			Dimensions
Type	Rated Current RMS-Amps	I²t (A² Sec)		Watts Loss	Part Number	Carton Qty.	Carton Weight (lbs)	Figure Number
		Pre-arc	Clearing at 150V					
FWA 150V	70	470	4000	6.9	FWA-70B	1	0.18	Fig. 1
	80	670	6000	7.7	FWA-80B			
	100	1200	12000	9.0	FWA-100B			
	125	1870	18000	11.2	FWA-125B			
	150	2700	26000	13.5	FWA-150B			
	200	4780	45000	17.6	FWA-200B			
	250	7470	70000	22.5	FWA-250B			
	300	10760	100000	27.0	FWA-300B			
	350	15700	140000	30.6	FWA-350B			
	400	20300	180000	35.2	FWA-400B			
500	39000	120000	35.0	FWA-500A	5	2.42	Fig. 2	
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 for ampere ratings 70-400.

■ Interrupt rating 200kA RMS Symmetrical for ampere ratings 450-1000.

■ Watts loss provided at rated current.

■ 150 Vdc U.L. Recognition on 70 through 800 amperes only. Consult Bussmann for additional ratings.

1 kg = 2.2 lbs 1 lb = 0.45 kg

Electrical Characteristics

Total Clearing I^2t

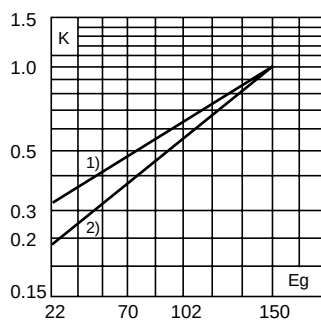
The total clearing I^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I^2t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g , (RMS).

Arc Voltage

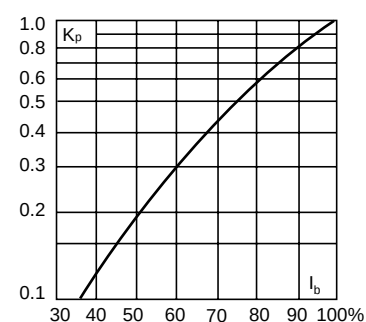
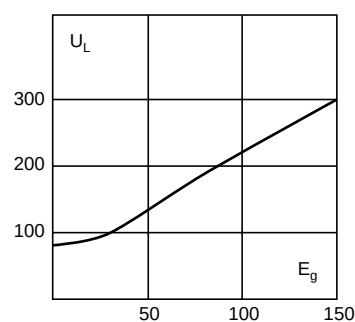
This curve gives the peak arc voltage, U_L , which may appear across the fuse during its operation as a function of the applied working voltage, E_g , (RMS) at a power factor of 15%.

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.



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



FWA 150V 70-1000A

Dimensions

Fig. 1: 70-400 Amp Range

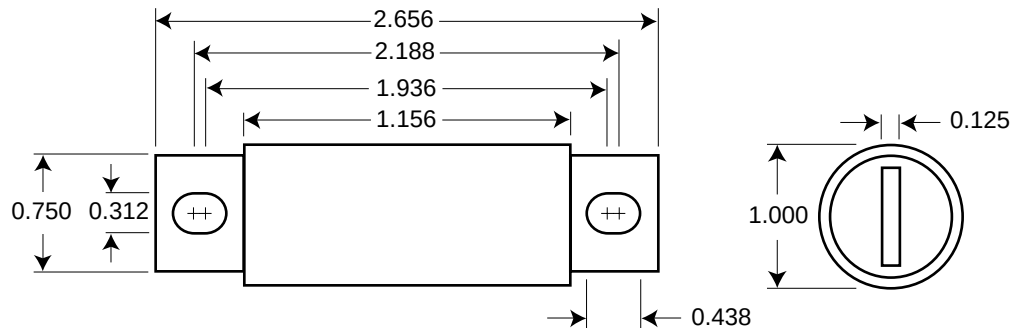
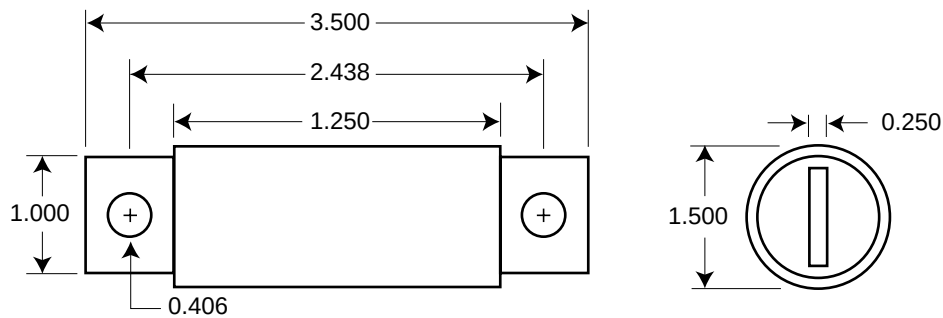


Fig. 2: 500-1000 Amp Range



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

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