FWA 150V 5-60A



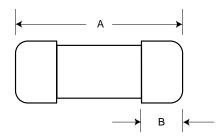
	Electrica	I Characteris	stics		Ordering	Informatio	Dimensions	Curves	
	Rated Current RMS-Amps	I ² t (A ² S)					Carton		
Size		Pre-arc	Clearing at 150V	Watts Loss	Part Number	Carton Qty.	Weight (kg)	Figure Number	BIF#
10 × 38mm (¹³ / ₃₂ ")	5	1.6	8	1	FWA-5A10F		0.100	Fig. 1	35785317
	10	3.6	16	2.7	FWA-10A10F				
	15 20	14 33	55 130	3.3 3.8	FWA-15A10F FWA-20A10F	10			
	25	58	220	4.9	FWA-25A10F				
	30	100	400	4.9	FWA-30A10F				
21 × 51mm (¹³ / ₁₆ ")	35	75	800	4.5	FWA-35A21F				
	40	100	1000	5.1	FWA-40A21F				
	45	130	1300	6	FWA-45A21F	10	0.600	Fig. 1	35785305
	50	170	1600	7.3	FWA-50A21F				
	60	250	2400	8.0	FWA-60A21F				

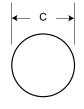
- Interrupting rating 100kA RMS Symmetrical.
- 150 Vdc U.L. Recognition.
- Watts loss provided at rated current.

1 kg = 2.2 lbs. 1 lb = 0.45 kg

Dimensions

Fig. 1: 5-60 Amp Range





		Metric			Inches			
Part Number	Α	В	С		Α	В	С	
FWA 5A10F-30A10F	38.1	9.5	10.3		1.5	0.375	0.406	
FWA 35A21F-60A21F	50.8	15.9	20.6		2.0	0.625	0.811	

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

Electrical Characteristics

Total Clearing I2t

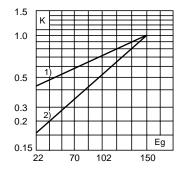
The total clearing I2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I2t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g , (RMS).

Arc Voltage

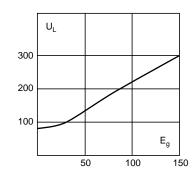
This curve gives the peak arc voltage, U₁, which may appear across the fuse during its operation as a function of the applied working voltage, E_q , (RMS) at a power factor of 15%.

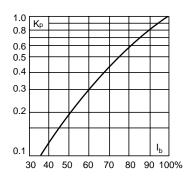
Power Losses

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, Ih, in % of the rated current.



- 1) 5-30 Amp Range
- 2) 35-60 Amp Range





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