Ferrule

FWA 150V 5-60A



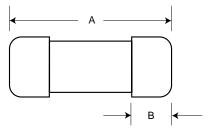
1 kg = 2.2 lbs. 1 lb = 0.45 kg

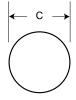
Electrical Characteristics					Ordering Information			Dimensions	Curves
	Rated	I ² t (A ² S)					Carton		See Page
Size	Current RMS-Amps	Pre-arc	Clearing at 150V	Watts Loss	Part Number	Carton Qty.	Weight (kg)	Figure Number	or (BIF #)
10 × 38mm (¹³ / ₃₂ ")	5	1.6	8	1	FWA-5A10F		0.100	Fig. 1	page 91 (35785317)
	10	3.6	16	2.7	FWA-10A10F				
	15	14	55	3.3	FWA-15A10F	10			
	20	33	130	3.8	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	page 91
	50	170	1600	7.3	FWA-50A21F				(35785305)
	60	250	2400	8.0	FWA-60A21F				

- Interrupting rating 100kA RMS Symmetrical.
- Watts loss provided at rated current.
- Consult Bussmann for DC ratings.
- See accessories on page 90.

Dimensions

Fig. 1: 5-60 Amp Range





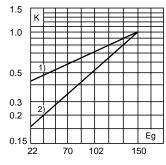
	Metric			Inches			
Part Number	Α	В	С	Α	В	С	
FWA 5A10F-30A10F	38.1	9.5	10.3	1.5	0.375	0.406	
FWA 35A21F-60A21F	50.8	15.9	20.6	2.0	0.625	0.811	

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

Electrical Characteristics

Total Clearing I2t

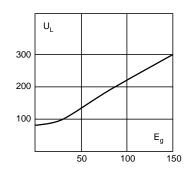
The total clearing l^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing l^2t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g , (RMS).



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

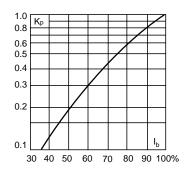
Arc Voltage

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_p , in % of the rated current .





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