Ferrule **FWJ 1000V** 20-30A

Bussmann[®]



Electrical Characteristics				Ordering Information				Dimensions	Curves
Size	Rated Current RMS-Amps	I ² t (A ² S)					Carton		
		Pre-arc	Clearing at 1000V	Watts Loss	Part Number	Carton Qty.	Weight (kg)	Figure Number	BIF #
14 × 67mm (%16″)	20	25	220	9	FWJ-20A14F				
	25	33	350	11	FWJ-25A14F	10	0.300	Fig. 1	35785315
	30	52	450	14	FWJ-30A14F				

Interrupting rating 25kA RMS Symmetrical.

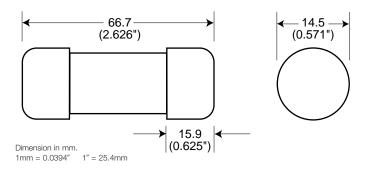
Watts loss provided at rated current.

■ (800 Vdc/Interrupting rating 20kA) U.L. Recognized.

1 kg = 2.2 lbs. 1 lb = 0.45 kg

Dimensions

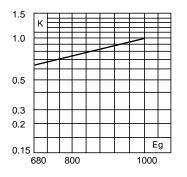
Fig. 1: 20-30 Amp Range



Electrical Characteristics

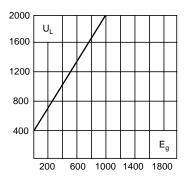
Total Clearing I²t

The total clearing l²t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing l²t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g , (RMS).



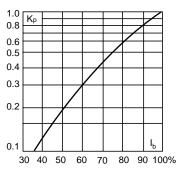
Arc Voltage

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.



The only controlled copy of this BIF document is the electronic read-only version located on the Bussmann Network Drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.



Form No. FWJ 1000 Page 1 of 1 BIF Doc #720028