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Datasheet of FWJ-20A14F - FUSE 20A 1000V HS FERRULE

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Ferrule

FWJ 1000V 20-30A



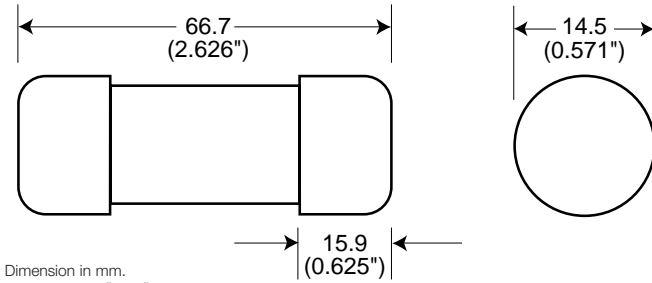
Electrical Characteristics				Ordering Information				Dimensions	Curves
Size	Rated Current RMS-Amps	I ² t (A ² S)		Watts Loss	Part Number	Carton Qty.	Carton Weight (kg)	Figure Number	BIF #
		Pre-arc	Clearing at 1000V						
14 × 67mm (⁹ / ₁₆ "	20	25	220	9	FWJ-20A14F	10	0.300	Fig. 1	35785315
	25	33	350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



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

Electrical Characteristics

Total Clearing I²t

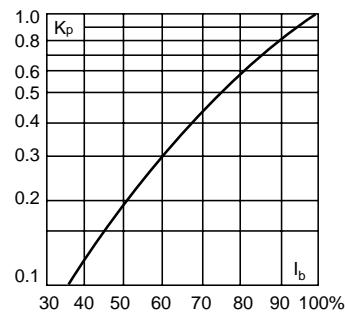
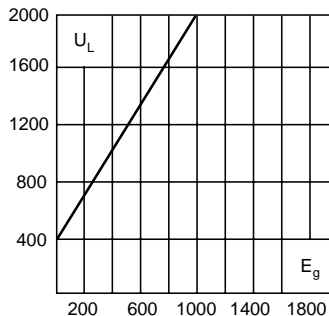
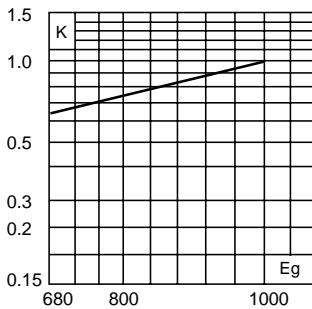
The total clearing I²t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I²t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g, (RMS).

Arc Voltage

This curve gives the peak arc voltage, 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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