Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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Ferrule
FWJ 1000V   20-30A

Electrical Characteristics / Ordering Information / Dimensions / Curves

Size	Rated Current RMS-Amps	I²t (A²S)		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

66.7 (2.626")
14.5 (0.571")
15.9 (0.625")
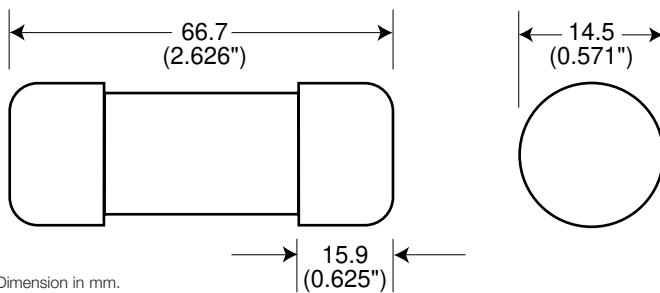
Dimension in mm.
1mm = 0.0394″   1″ = 25.4mm

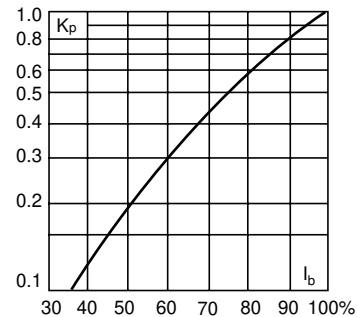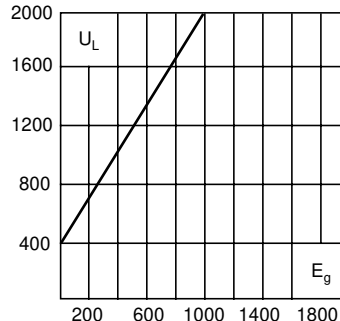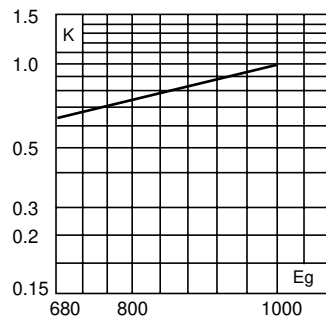## Electrical Characteristics

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.