Ferrule

FWX 250V (U.L.) 1-30A

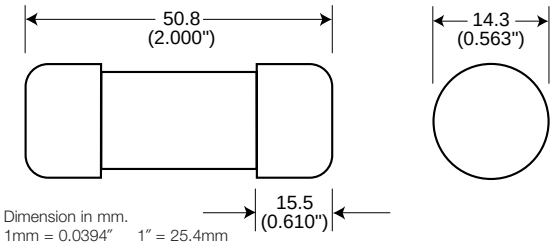
Electrical Characteristics					Ordering Information			Dimensions	Curves
Size	Rated Current RMS-Amps	I^2t (A^2S) Pre-arc	I^2t (A^2S) Clearing at 250V	Watts Loss	Part Number	Carton Qty.	Carton Weight (kg)	Figure Number	BIF #
14 × 51mm (9/16")	1	—	—	—	FWX-1A14F	10	0.225	Fig. 1	35785302
	2	—	—	—	FWX-2A14F				
	3	—	—	—	FWX-3A14F				
	4	—	—	—	FWX-4A14F				
	5	1.6	13	1.3	FWX-5A14F				
	10	3.6	24	3.4	FWX-10A14F				
	15	14	83	3.8	FWX-15A14F				
	20	33	200	4.6	FWX-20A14F				
	25	58	300	5.3	FWX-25A14F				
	30	100	500	5.9	FWX-30A14F				
	50	200	1800	5.7	FWX-50A14F				

- Interrupting rating 200kA RMS Symmetrical.
- Watts loss provided at rated current.
- (250 Vdc/Interrupting rating 50kA) U.L. Recognition on 5 through 30 amperes only. Consult Bussmann for additional ratings.

1 kg = 2.2 lbs. 1 lb = 0.45 kg

Dimensions

Fig. 1: 1-30 Amp Range



Electrical Characteristics

Total Clearing I^2t

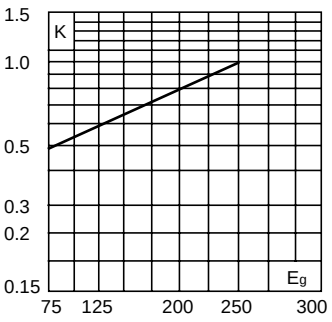
The total clearing I^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I^2t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g, (RMS).

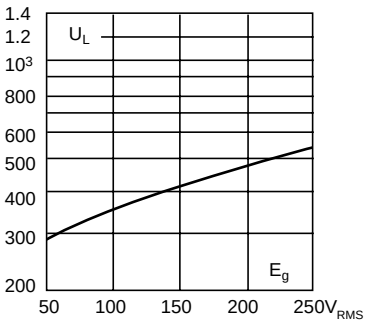
Arc Voltage

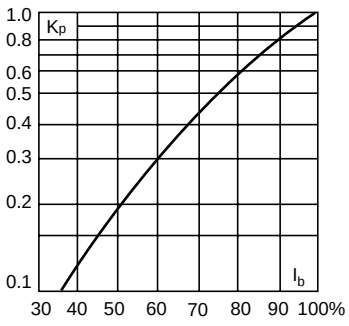
This curve gives the peak arc voltage, U_L, which may appear across the fuse during its operation as a function of the applied working voltage, E_g, (RMS) at a power factor of 15%.

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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