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

Electrical Characteristics				Ordering Information				Dimensions	Curves
Size	Rated Current RMS-Amps	I <sup>2</sup> t (A <sup>2</sup> S)					Carton		See Page
		Pre-arc	Clearing at 250V	Watts Loss	Part Number	Carton Qty.	Weight (kg)	Figure Number	or (BIF #)
	1	—	—	_	FWX-1A14F				
	2	_	_	_	FWX-2A14F				
	3	_		_	FWX-3A14F				
	4	_		_	FWX-4A14F				
14 × 51mm	5	1.6	13	1.3	FWX-5A14F	10	0.225	Fig. 1	page 92 (35785302)
(%) <sub>16</sub> ")	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				

Interrupting rating 200kA RMS Symmetrical.

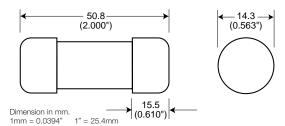
Watts loss provided at rated current.

■ 250 Vdc U.L. Recognition on 5 through 30 amperes only. Consult Bussmann for additional ratings.

See accessories on page 90.

## **Dimensions**

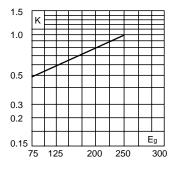
Fig. 1: 1-30 Amp Range



## **Electrical Characteristics**

### Total Clearing I<sup>2</sup>t

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



COOPER

rev. 3/3/98

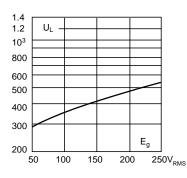
Bussmann

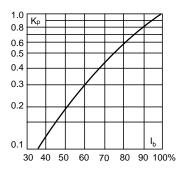
#### Arc Voltage

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%.



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.





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. Page 1 of 1 BIF Doc #720006



1 kg = 2.2 lbs. 1 lb = 0.45 kg