FWP 660V/700V (IEC/U.L.) 20-100A



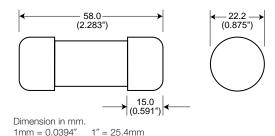
Electrical Characteristics				Ordering Information				Dimensions	Curves
Size	Rated Current RMS-Amps	I ² t (A ² S)					Carton		
		Pre-arc	Clearing at 660V	Watts Loss	Part Number	Carton Qty.	Weight (kg)	Figure Number	BIF#
	20	23	260	4.6	FWP-20A22F			Fig. 1	
	25	37	410	5.6	FWP-25A22F				35785291
	32	55	605	7.0	FWP-32A22F				
22 × 58mm	40	68	750	8.5	FWP-40A22F	10	0.450		
(7/8")	50	155	1600	9.5	FWP-50A22F	10	0.430		337 63291
	63	280	3080	11	FWP-63A22F				
	80	600	6600	13.5	FWP-80A22F				
	100	1100	12500	16	FWP-100A22F				

- Interrupting rating 200kA RMS Symmetrical.
- Watts loss provided at rated current.
- (500 Vdc/Interrupting rating 50kA) U.L. Recogition.

1 kg = 2.2 lbs. 1 lb = 0.45 kg

Dimensions

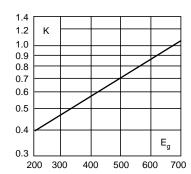
Fig. 1: 20-100 Amp Range



Electrical Characteristics

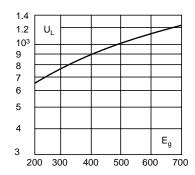
Total Clearing I2t

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



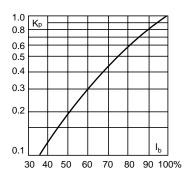
Arc Voltage

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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