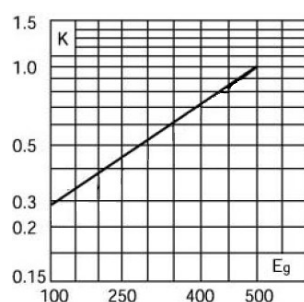


FWH 500V 35-800A

Electrical Characteristics

Total Clearing I^2t

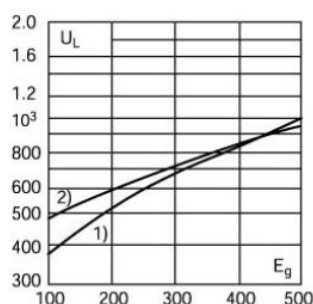
The total clearing I^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I^2t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g , (rms).



35-800A

Arc Voltage

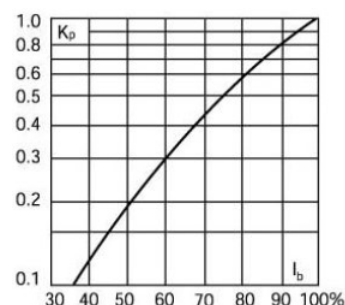
This curve gives the peak arc voltage, U_L , which may appear across the fuse during its operation as a function of the applied working voltage, E_g , (rms) at a power factor of 15%



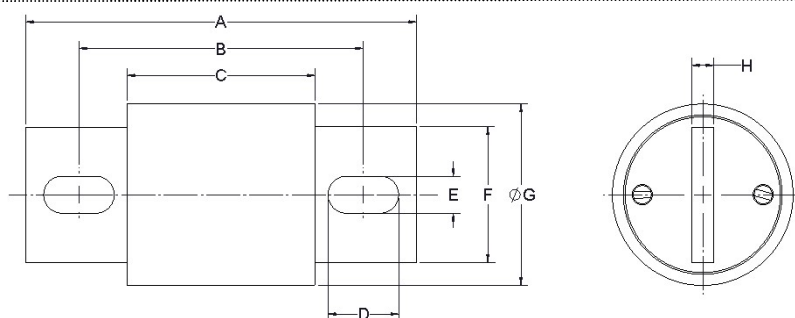
- 1) 35-200A
2) 225-800A

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.



Dimension Unit: mm



P/N	A	B	C	D	E	F	G	H
FWH-35C-60C	81.01	61.16	40.31	13.13	8.69	15.8	20.52	3.18
FWH-70C-100C	92.23	72.27	53.01	13.16	8.76	19.05	25.4	3.18
FWH-125C-200C	92.23	71.17	53.01	11.86	8.79	25.4	30.94	4.78
FWH-225C-400C	110.31	78.28	53.01	19.07	10.34	25.4	38.1	6.35
FWH-450C-600C	109.91	79.93	53.01	19.86	10.36	37.97	50.8	6.35
FWH-700C-800C	160.41	106.7	53.01	33.02	13.46	50.8	63.5	9.53

1mm=0.0394in 1in=25.4mm

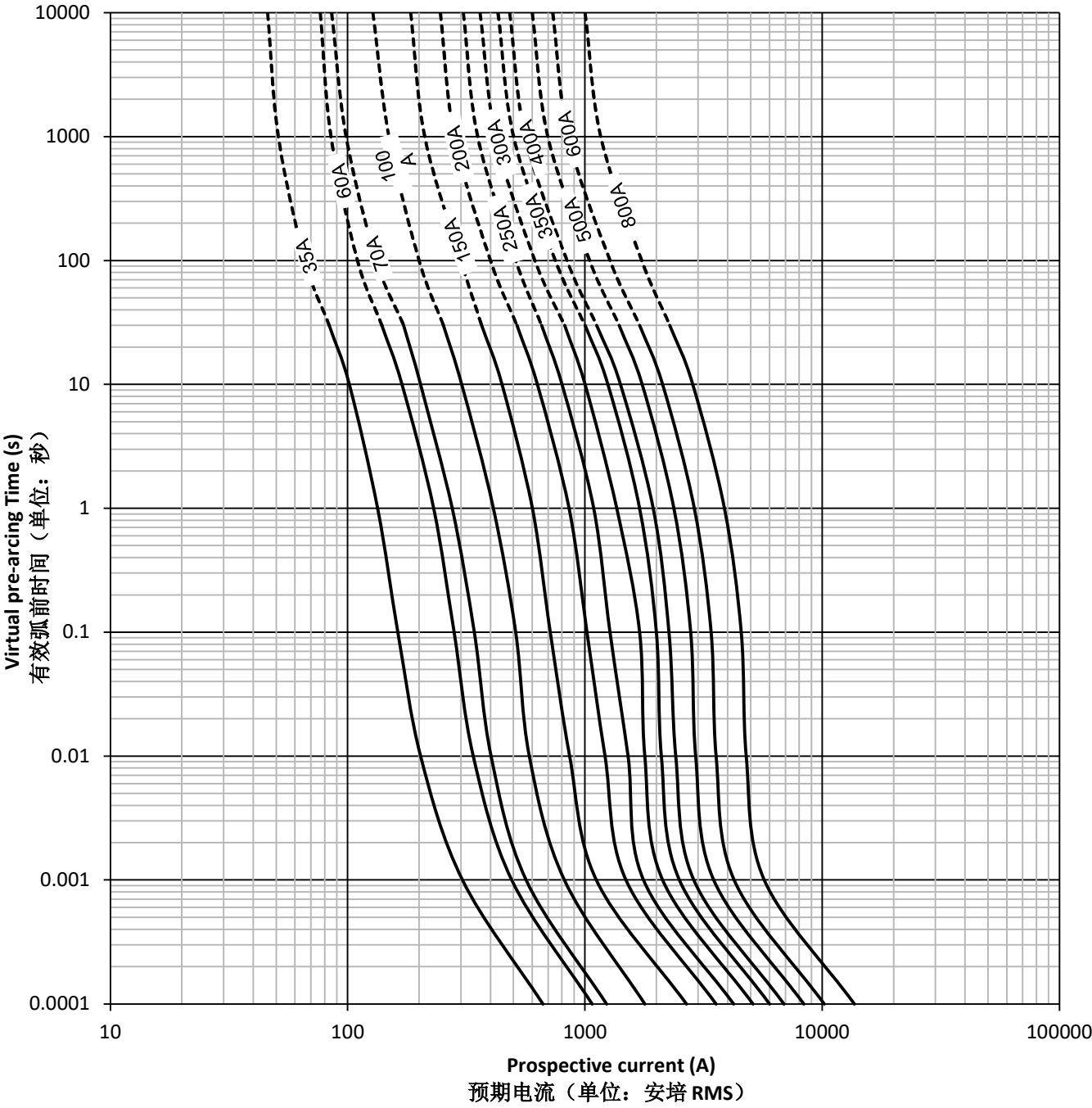
FWH 500V 35-800A

Electrical Characteristics				Order Information			
Type	Current (A)	I ² t (A ² Sec)		Watts Loss (w)	P/N	Qty. per Carton (pcs)	Weight per Carton (kg)
		Pre-arc	Total Clearing @ 500V				
FWH 500V	35	34	150	8	FWH-35C	5	0.32
	40	76	320	7.5	FWH-40C		
	50	135	670	7.5	FWH-50C		
	60	210	900	9.9	FWH-60C		
	70	210	900	10.6	FWH-70C	1	0.095
	80	305	1400	12.7	FWH-80C		
	90	360	1600	15	FWH-90C		
	100	475	2000	17	FWH-100C		
	125	800	3500	25	FWH-125C		0.149
	150	1100	4600	30	FWH-150C		
	175	1450	6200	35	FWH-175C		
	200	1900	8500	40	FWH-200C		
	225	4600	23300	39	FWH-225C		0.257
	250	6300	32200	41	FWH-250C		
	275	7900	40300	46	FWH-275C		
	300	9800	49800	51	FWH-300C		
	325	13700	63800	53	FWH-325C		0.45
	350	14500	72900	58	FWH-350C		
	400	19200	96700	65	FWH-400C		
	450	24700	127000	74	FWH-450C		
	500	29200	149000	84	FWH-500C	1	0.96
	600	41300	206000	108	FWH-600C		
	700	55000	298000	120	FWH-700C		
	800	76200	409000	129	FWH-800C		

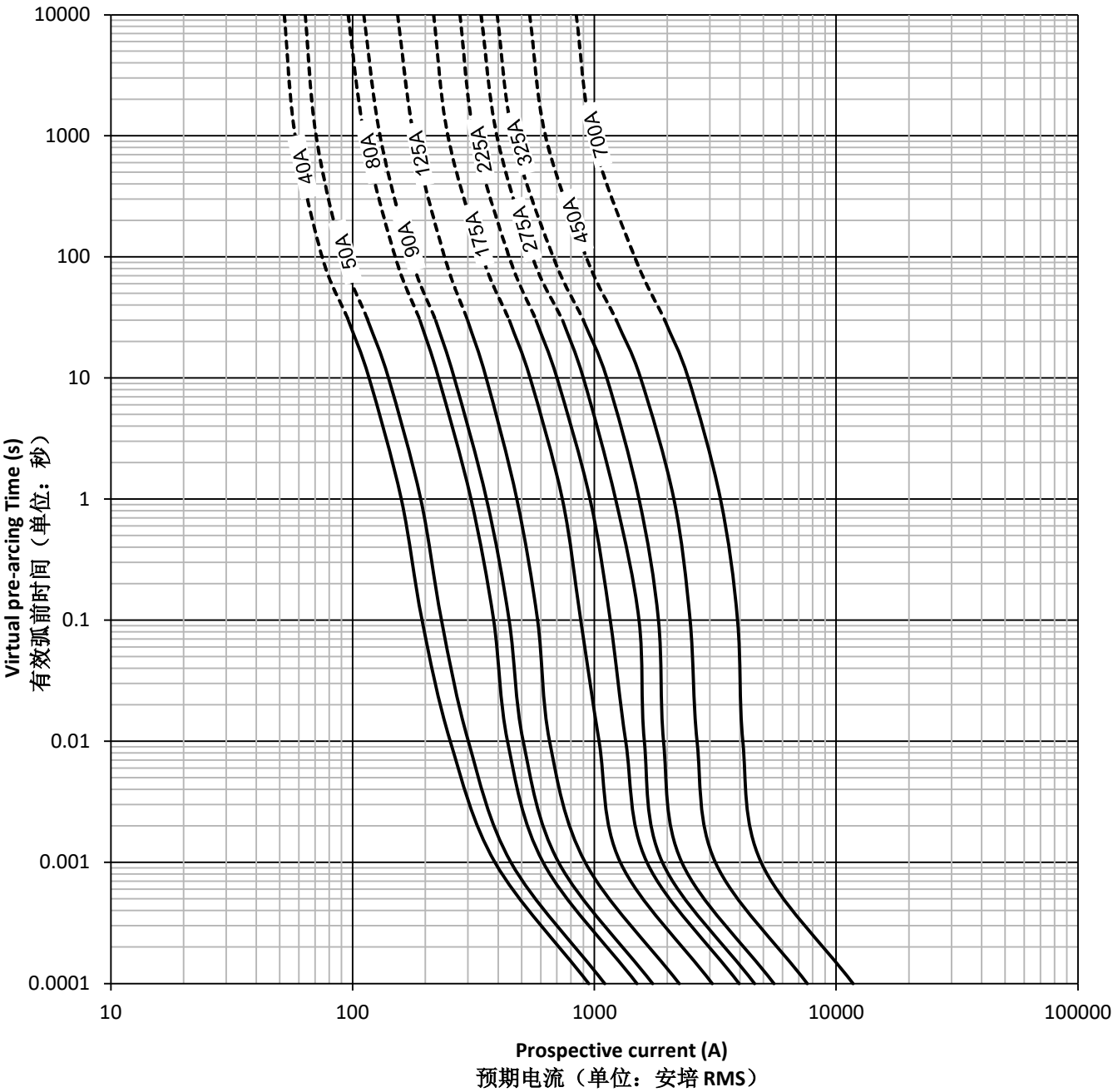
1kg=2.2lbs 1lb=0.45kg

- Breaking Capacity 200kA for AC (both CCC & UL Certified)
- Breaking Capacity 50kA for DC. (UL Certified)
- Watts loss provided at rated current.

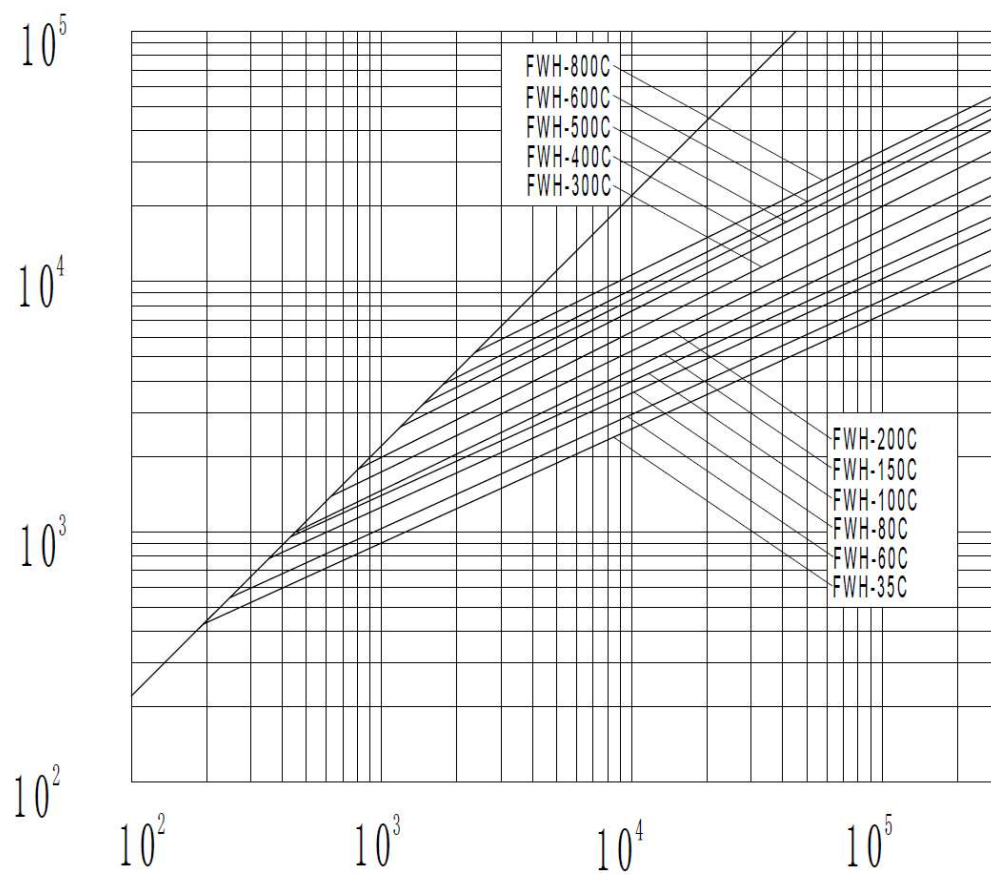
Time-Current Curve



Time-Current Curve - 1



Peak Let-Through Curve



Prospective Current in Ampere r.m.s.