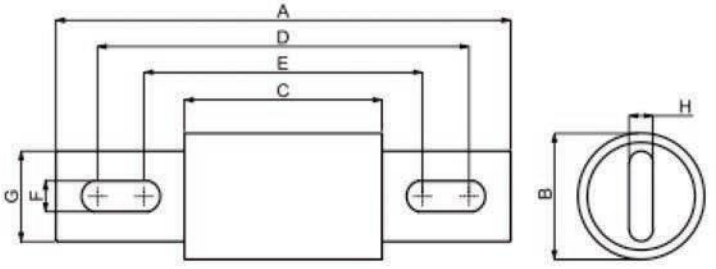


主要材質信息 Materials

觸刀 Contacts：鍍錫黃銅 Tin plated brass
管體 Body：陶瓷管 Ceramic
玻璃纖維管 Melamine
熔體 Fuse element：純銀 Pure silver
填料 Filler：高純度石英砂 Pure silicon sand

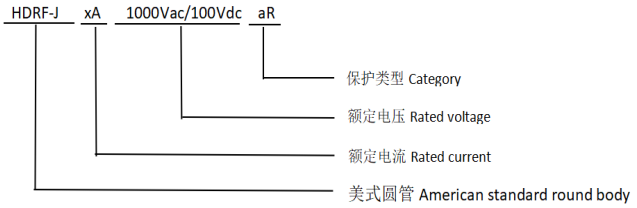
熔斷器外形及安裝尺寸 Shapes and Dimensions (mm)



圖(1) / Fig. (1)

規格 / Spec.	參考圖 / Ref.	A	B	C	D	E	F	G	H	J
35A-60A	圖(1) / Fig. (1)	127	24	79	108	106	9	19	3	10
70A-100A		125	29	78	108	106	9	25	5	10
125A-200A		144	38	83	122	103	11	25	6	21
250A-400A		147	51	88	122	105	11	38	6	19
500A-600A		180	64	88	152	120	14	51	10	31
800A-1000A		180	64	88	152	120	14	51	10	31

產品型號說明 Product Numbering System



產品標準 Referred Standard

GB13539.4，IEC60269.4，UL248–13

基本資料 Basic Information

美式快速熔斷器根據其產品設計構造具有如下特點：

- 總i^2t小
- 功率損耗小
- 直流性能優越
- 弧電壓小

Due to the good construction and design, American standard fast–acting fuse benefits:

- Low I^2t
- Low power loss
- High DC performanc
- Low arc voltage

主要技術參數 Main Technical Characteristic

產品型號 Product number	電流 Rated current(A)	I^2t (A^2s)		功率損耗 Power loss	額定分斷電流 Rated breaking capability
		弧前I^2t Pre-arcing	1000V I^2t		
HDRF-J	35	210	2000	7	100KA(1000Vac) 50KA(1000Vdc)
	40	300	2500	8	
	50	470	3500	10	
	60	670	5000	11	
	70	1100	6900	12	
	80	1550	9700	13	
	90	1900	12000	14	
	100	2800	17500	15	
	125	4800	35000	16	
	150	6300	45000	25	
	175	7500	65000	30	
	200	11700	80000	32	
	250	16000	112000	50	
	300	23500	146000	56	
	350	33000	231000	62	
	400	47000	330000	67	
	500	39500	329000	95	
	600	61000	520000	105	
	800	87000	560000	182	
	1000	190000	1100000	206	

電氣特性 Electrical Characteristics

焦耳積分值 Joule integral I^2t

以下電氣特性曲綫説明了額定電壓及15%功率因數時的總焦耳分值I^2t。如施加的電壓并非額定電壓，可以乘以校正因數K求算實際的I^2t。與圖中工作電壓Eg(RMS)與校正因數K的函數關系。

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

弧電壓 Arc voltage

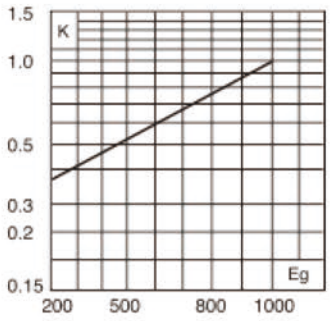
圖中曲綫説明了15%功率因數時施加的電壓Eg(RMS)與工作時熔斷器上可能數顯的峰值弧電壓UL的函數關系

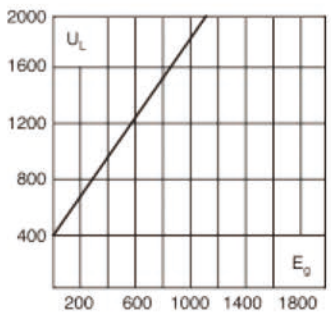
The curve gives the peak arc voltage, UL, which may appear across the fuse during its operation as a function of the applied working voltage, Eg, rms, at a power factor of 15%.。

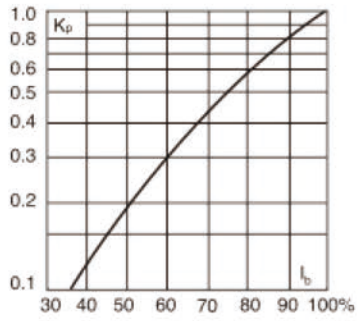
功率損耗 Power loss

以下電氣特性曲綫説明了額定電流時的功率損耗。根據曲綫可以計算負載電流低於額定電流時的功率損耗。參閱下圖，校正因素Kp是負載率 (RMS負載電流Ib是負載電流得出的百分比)的函數

Power 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, Kp, is given as a function of the RMS load current, Ib, in % of the rated current.







聯系方式：TeL:0769-85929800 Fax:0769-85599032 Http:www.hongdafuse.com E-mail:hongdafuse@hongdafuse.com

HDRF–J 時間電流特性 Time–Current Characteristics

