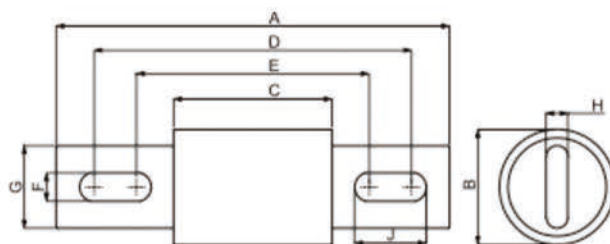




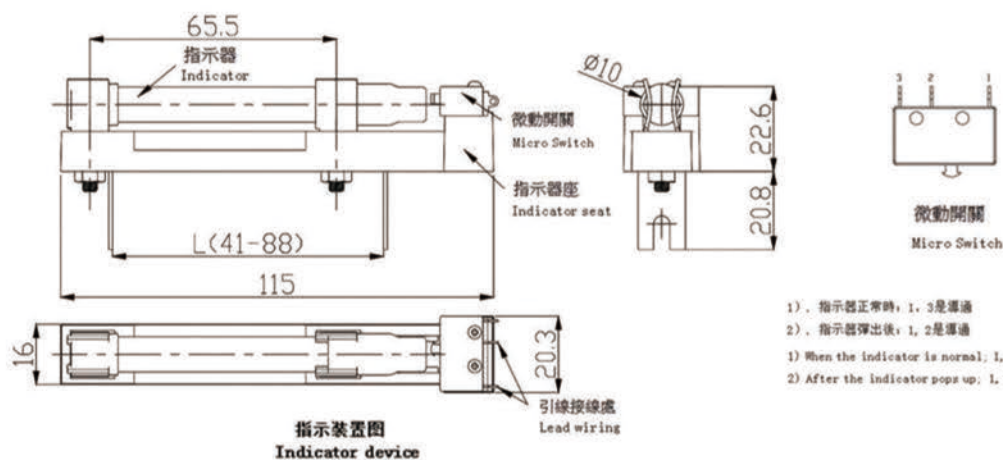
主要材質信息 Materials

觸刀 Contacts: 鍍錫黃銅 Tin plated brass
管體 Body: 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

熔断器外形及安裝尺寸 Shapes and Dimensions (mm)



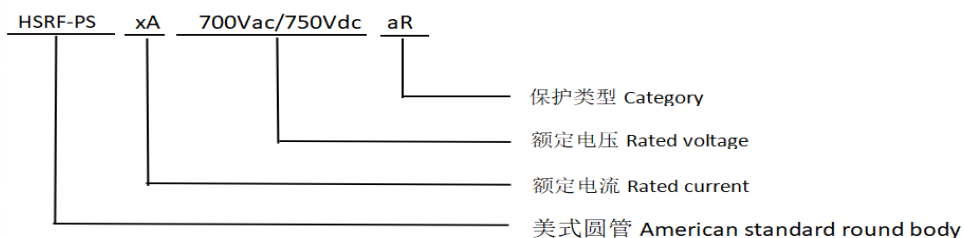
圖(1) / Fig. (1)



圖(2) / Fig. (2)

規格 / Spec.	參考圖 / Ref.	A	B	C	D	E	F	G	H	J
125A-200A	圖(1) / Fig. (1)	129	38	72	106	89	10	25	6	19
225A-400A		129	38	72	106	89	10	25	6	19

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 performance
 - Low arc voltage

主要技術參數 Main Technical Characteristic

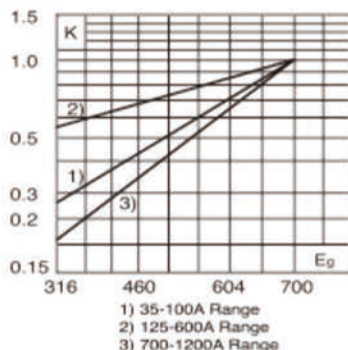
產品型號 Product number	電流 Rated current(A)	I^2t (A ² s)		功率損耗 Power loss	額定分斷電流 Rated breaking capability
		弧前 I^2t Pre-arcing	700V I^2t		
HDRF-P	125	1800	7300	28	100KA(700Vac) 50KA(750Vdc)
	150	2900	11700	32	
	175	4200	16700	35	
	200	5500	22000	43	
HDRF-PS	225	7700	31300	45	
	250	10500	42500	48	
	300	17600	71200	58	
	350	23700	95600	65	
	400	31000	125000	78	

電氣特性 Electrical Characteristics

焦耳積分值 Joule integral I^2t

以下電氣特性曲線說明了額定電壓及15%功率因數時的總焦耳積分 I^2t 。如施加的電壓並非額定電壓，可以乘以校正因數K求算實際的 I^2t 。與圖中工作電壓 E_g (RMS)與校正因數K的函數關係。

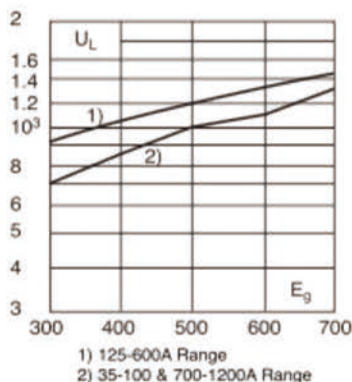
The Joule integral I^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltage, the clearing I^2t is found by multiplying by correction factor, K, given as a function of applied working voltage E_g , rms.



弧電壓 Arc voltage

圖中曲線說明了15%功率因數時施加的電壓 E_g (RMS)與工作時熔斷器上可能數值的峰值弧電壓 U_L 的函數關係。

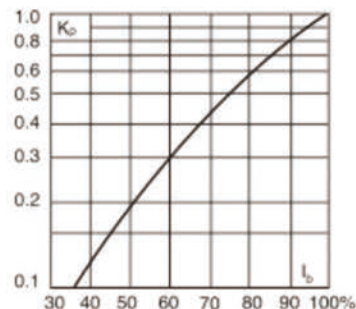
The curve gives the peak arc voltage, U_L , which may appear across the fuse during its operation as a function of the applied working voltage, E_g , rms, at a power factor of 15%.



功率損耗 Power loss

以下電氣特性曲線說明了額定電流時的功率損耗。根據曲線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 K_p 是負載率 (RMS負載電流 I_b 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, K_p , is given as a function of the RMS load current, I_b , in % of the rated current.





HDRF-P時間電流特性 Time-Current Characteristics

