

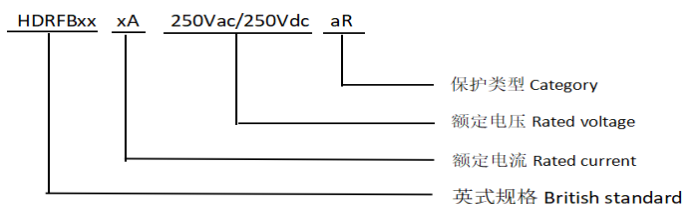


填料 Filler: 高純度石英砂 Pure silicon sand

熔斷器外形及安裝尺寸 Shapes and Dimensions (mm)



產品型號說明 Product Numbering System



產品標準 Referred Standard

GB13539.4, IEC60269.4, BS 88.4, UL248-13

基本資料 Basic Information

根據市場需求，本公司為此系列產品提供跳閘指示器一起配合使用。跳閘指示器可以連接在相應規格的熔斷器上，或者單獨安裝在熔斷器座子上。此外，還可提供遠程指示專用的嵌入式接頭以及微型開關。

British standard fast-acting fuses are generally used in equipment or device produce by UK or British Commonwealth countries. Manufactures from north America also have begun to request for this kind of fast-acting fuse. For their small size and good cost benefits, British standard fast-acting fuses applied at 240Vac or less are specially adopt by many UPS manufactures. Due to the good construction and design, British standard fast-acting fuse benefits:

- Excellent DC performance

- Low I^2t

- Good ability to withstand surge

According to the requirement from market, trip-indicator is available for using together with the HDRFBxx series fuses in parallel. Trip-indicator can be set on related fuse or separately mounted on the fuse base. In addition, push-on adapter and micro-switch for remote control are also available.



基本參數 Basic Parameters

型號 Part no.	額定電壓 Rated voltage	額定電流 Rated current	額定分斷電流 Rated breaking capability
HDRFB38	250Vac/250Vdc	160A, 200A, 250A, 315A, 355A, 400A, 450A	100KA(250Vac)/20KA(250Vdc)

主要技術參數 Main Technical Characteristic

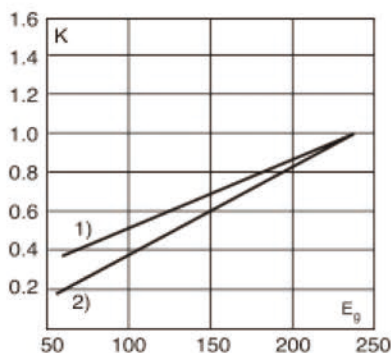
產品型號 Product number	電流 (A) Rated current(A)	I^2t (A ² s)			功率損耗 Power loss (W)
		弧前 I^2t Pre-arcing I^2t	120V I^2t	250V I^2t	
HDRFB38	160	1100	7000	16000	17
	200	1500	10000	20000	28
	250	3200	20000	40000	28
	315	6000	35000	75000	35
	355	8000	50000	100000	35
	400	14000	70000	160000	40
	450	18000	100000	220000	42

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 E_g (RMS)與校正因數K的函數關係。

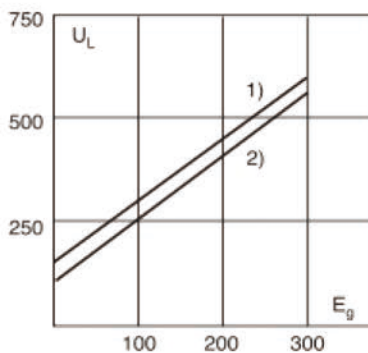
The Joule integral I^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltage, the clearing I^2t is found by multiplying by correction factor, K, given as a function of applied working voltage E_g , rms.



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顯的峰值弧電壓 U_L 的函數關係。

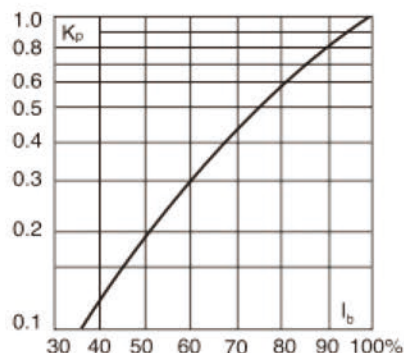
The curve gives the peak arc voltage, U_L , which may appear across the fuse during its operation as a function of the applied working voltage, E_g , rms, at a power factor of 15%.



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于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.





時間電流特性 Time-Current Characteristics

