ADVANCED SURGETECH MATERIALS

E470032 RoHS COMPLIANT

690V, BS88-4 Semiconductor Fuse

Description 描述

- BS88-4 style stud-mount Fuse 螺栓安装类型熔断器
- High speed semi-conductor fuse 快速半导体熔断器
- 690Vac/500Vdc, IEC 60269-4/BS88-4/GB13539-4, Type A

Specifications 电气特性

Type 类型	Ordering P/N 订购料号	Electrical Characteristics					
		Rated Current (RMS-A)	Interrupting rating	Energy Integrals I^2t (A^2S)			Power Loss (W)
				Pre-Arcing	Clearing at 415V	Clearing at 660V	
HCT0	HCT0-6	6	690Vac/50 kA 500Vdc/10 kA	1.8	8.5	12	2
	HCT0-10	10		7	30	48	3
	HCT0-12	12		10	40	65	3
	HCT0-16	16		16	66	110	7
	HCT0-20	20		32	150	220	7
HET0	HET0-25	25		25	150	250	7
	HET0-32	32		32	190	350	11
	HET0-35	35		33	130	200	9
	HET0-40	40		103	600	900	9
	HET0-45	45		76	270	450	11
	HET0-50	50		103	380	600	11
	HET0-63	63		135	480	750	12
	HET0-71	71		210	600	950	17
	HET0-80	80		250	900	1500	20
	HET0-90	90		360	1300	2100	20
	HET0-100	100		470	1800	2800	23
HFM0	HFM0-160	160		2400	15000	25000	26
	HFM0-180	180		1400	7500	13500	40
	HFM0-200	200		2600	10500	18500	40
	HFM0-225	225		3700	14500	26500	44
	HFM0-250	250		5200	20500	37500	48
	HFM0-280	280		7000	30500	55000	48
	HFM0-315	315		10000	40000	77000	55
	HFM0-350	350		15000	60000	105000	55
HFMM0	HFMM0-400	400		10000	40000	72500	85
	HFMM0-450	450		15000	60000	105000	90
	HFMM0-500	500		20000	82000	150000	100
	HFMM0-550	550		30000	120000	215000	100
	HFMM0-630	630		45000	180000	310000	100
	HFMM0-700	700		60000	245000	420000	120

- Typical Pre-arcing I2t are measured at 10In Current
- Power loss provided at rated current

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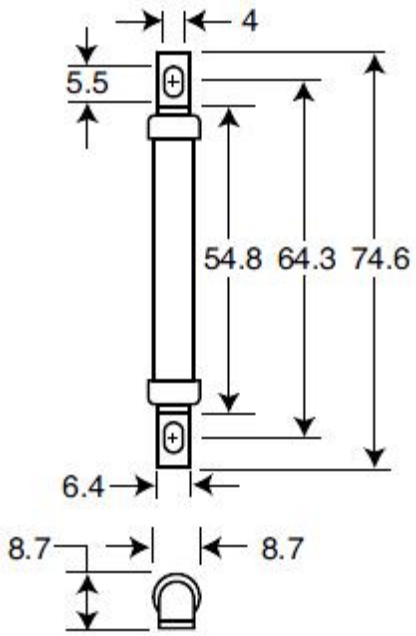
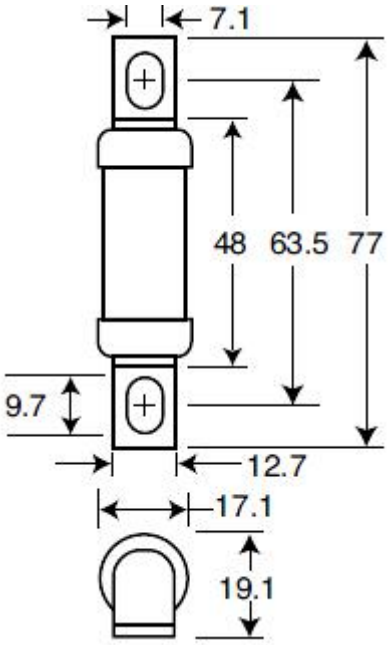
Dimension (mm)尺寸

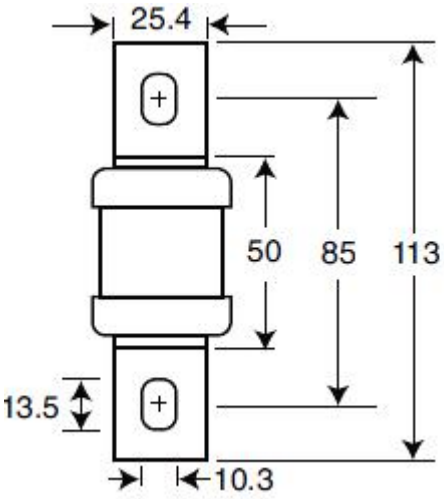
Type: HCT



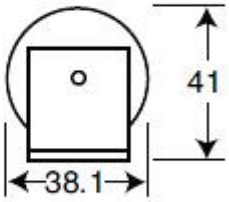
HET

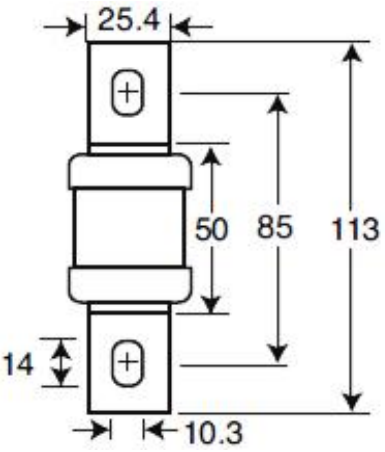


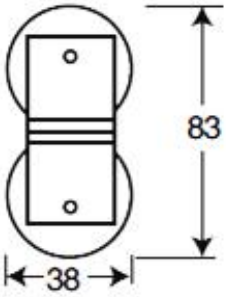
Type: HFM



HFMM







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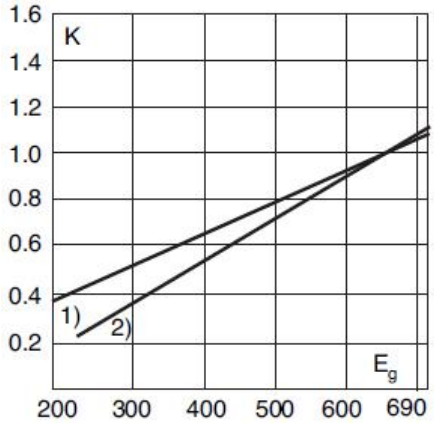
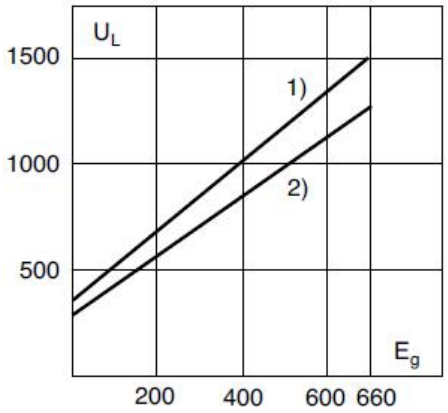
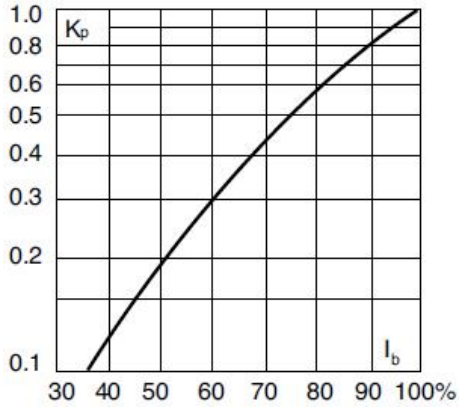
Electrical Characteristics 电气特性

Total Cleaning I^2t 焦耳积分值 I^2t	Arc Voltage 弧电压	Power Loss 功率损耗
The total clearing I2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I2t is found by multiplying by correction factor, K, given as a function of applied working voltage, Eg, (rms). 电气特性中给出的总焦耳积分 I2t 是在额定电压和 15%功率因素下所得. 如果施加的电压不同, 可以乘以校正因数 K 求得实际的 I2t. 参阅下图中 K 与工作电压 Eg 的关系.	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%. 下图中的曲线说明了 15%功率因数时施加的工作电压 Eg(RMS)与工作时熔断器上可能出现的峰值弧电压 UL 的函数关系.	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, Kp, is given as a function of the RMS load current, Ib, in % of the rated current. 以下电气特性曲线说明了额定电流时的功率损耗. 根据曲线可以计算出负载电流低于额定电流时的功率损耗. 校正因数 Kp 是负载率(RMS 负载电流 Ib 除以额定电流得出的百分比)的函数
 1) HCT, HET, HEET, HFMM 2) HFM	 1) HCT 2) HET, HEET, HFM, HFMM	

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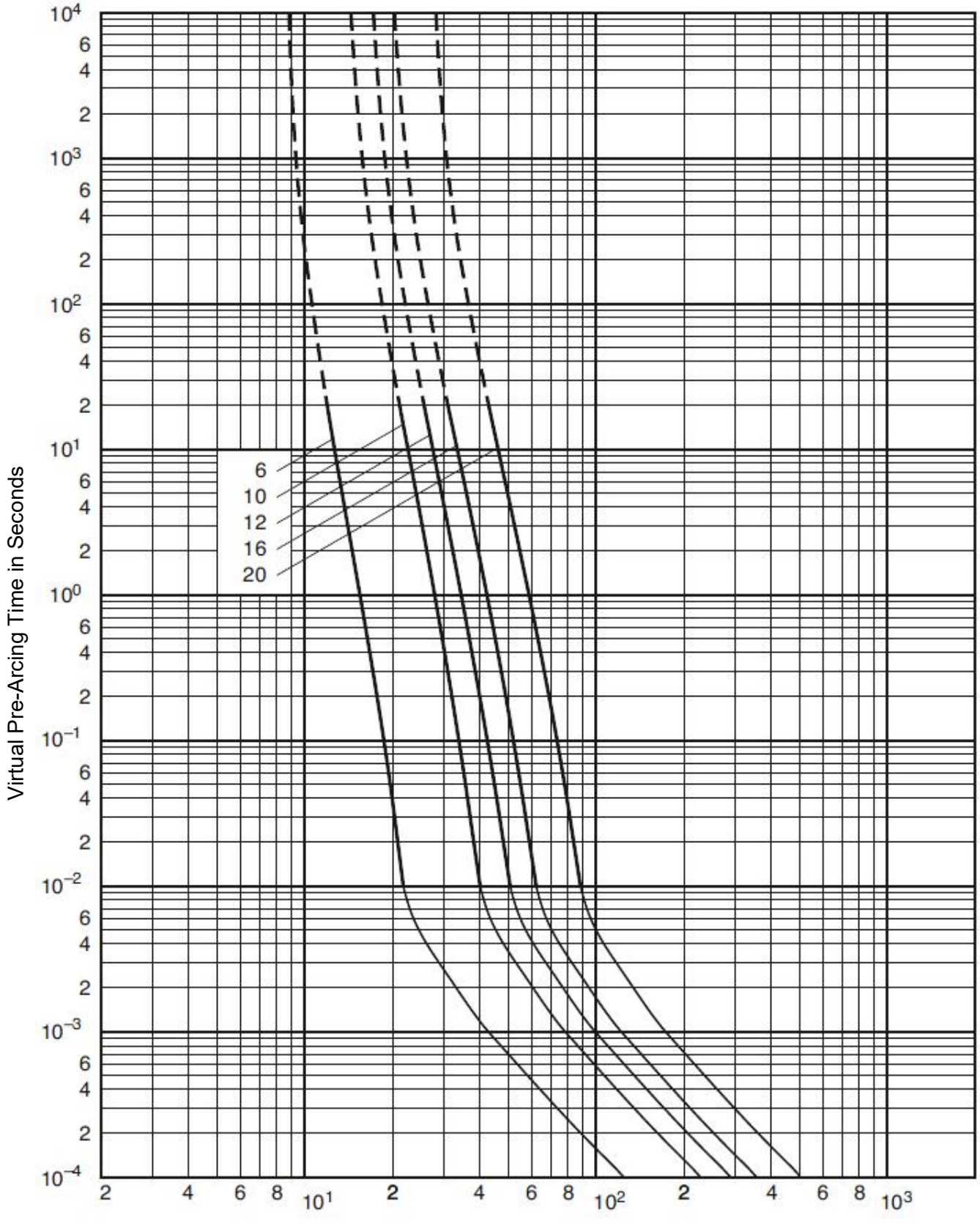
Time-Current Curve 时间电流曲线

HCT0-6~20A



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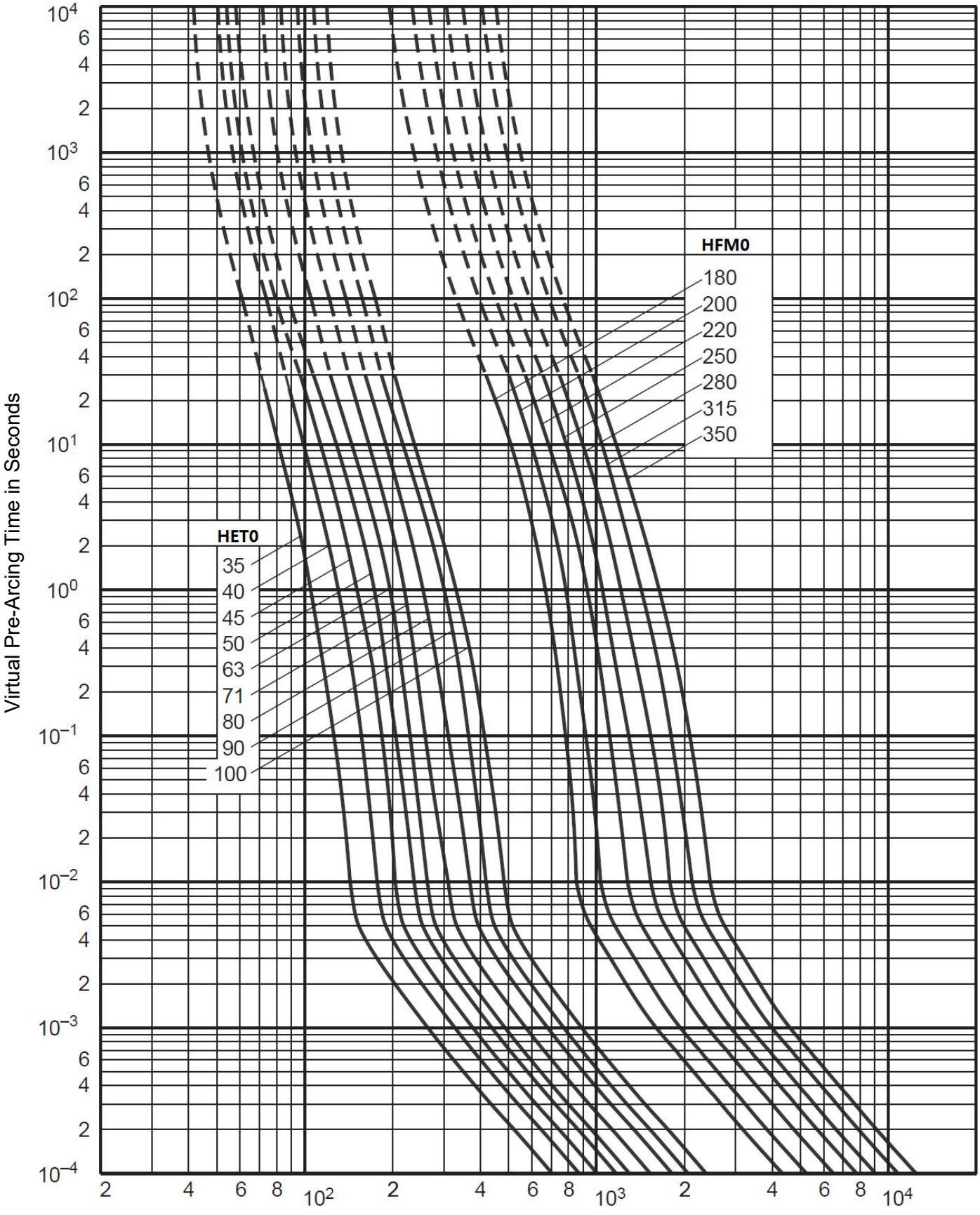
HET0-35~100A and HFM0-180~350A



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HFMM0-400~700A