ADVANCED SURGETECH MATERIALS

E470032

240V, 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
- 240Vac/150Vdc, IEC 60269-4/BS88-4/GB13539-4, Type A

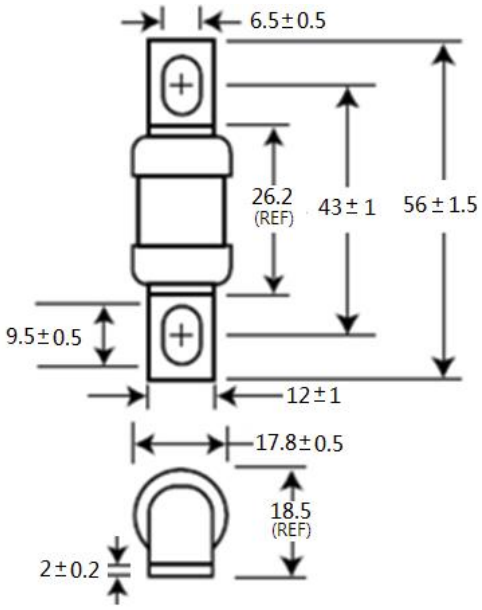
Specifications 电气特性

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 120V	Clearing at 240V	
LET0	LET0-25	25	240Vac/50kA 150Vdc/10kA *	18	120	250	4
	LET0-40	40		75	430	900	6
	LET0-50	50		100	500	1400	7
	LET0-63	63		180	1100	2200	9
	LET0-80	80		300	1900	3800	10
	LET0-100	100		600	3800	7500	10
	LET0-125	125		600	3800	7500	16
	LET0-160	160		1100	7000	16000	20
	LET0-180	180		1600	12000	29000	21
LMT0	LMT0-160	160		1100	7000	16000	17
	LMT0-250	250		3200	20000	40000	28
	LMT0-315	315		6000	35000	75000	35
	LMT0-400	400		14000	71000	170000	42

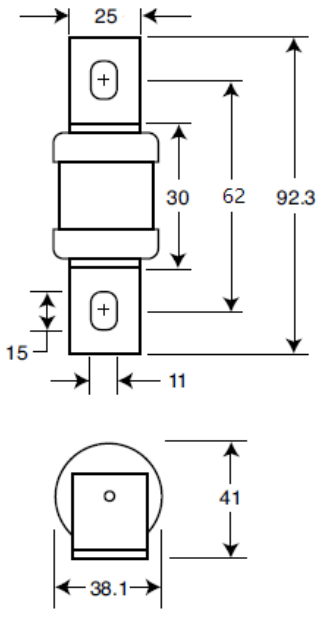
- Power loss provided at rated current
- TUV certified LET0 series for 150Vdc.
- For current rating other than above, please contact ASTM.

Dimension (mm)尺寸

Type: LET0



LMT0



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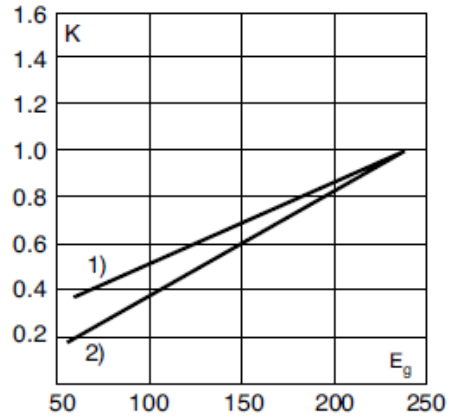
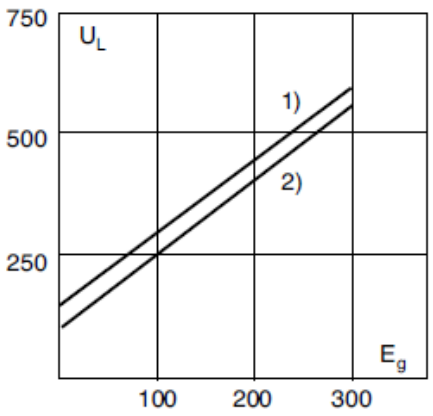
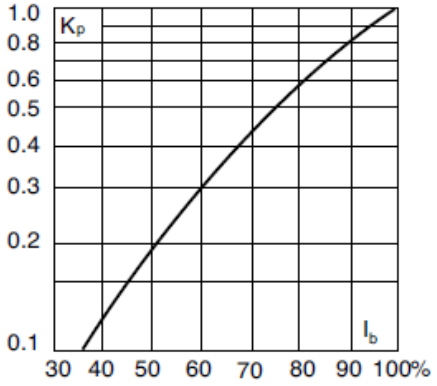
Electrical Characteristics 电气特性

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) LCT 2) LET, LMT, LMMT	 1) LCT 2) LET, LMT, LMMT	

Transportation and Storage 运输与储存

During transportation and storage, should avoid water seepage and mechanical damage 运输与储存期间,应避免雨雪侵蚀和机械损伤.

Conditions for operation in service 工作条件

Where the following conditions apply, fuses complying with this standard are deemed capable of operating satisfactorily without further qualification.

Normal temperature: -5℃ to 40℃;

The altitude of the site of installation of the fuses does not exceed 2 000 m above sea level;

The air is clean and its relative humidity does not exceed 50 % at the maximum temperature of 40℃;

Higher relative humidities are permitted at lower temperatures, e.g. 90 % at 20℃;

Under these conditions, moderate condensation may occasionally occur due to variation in temperature.

For operation condition other than above, please contact manufacturer.

在以下条件下使用,熔断器认为能正常工作,不需要进一步验证:

周围空气温度:-5℃ to 40℃;

安装地点的海拔不超过2000米;

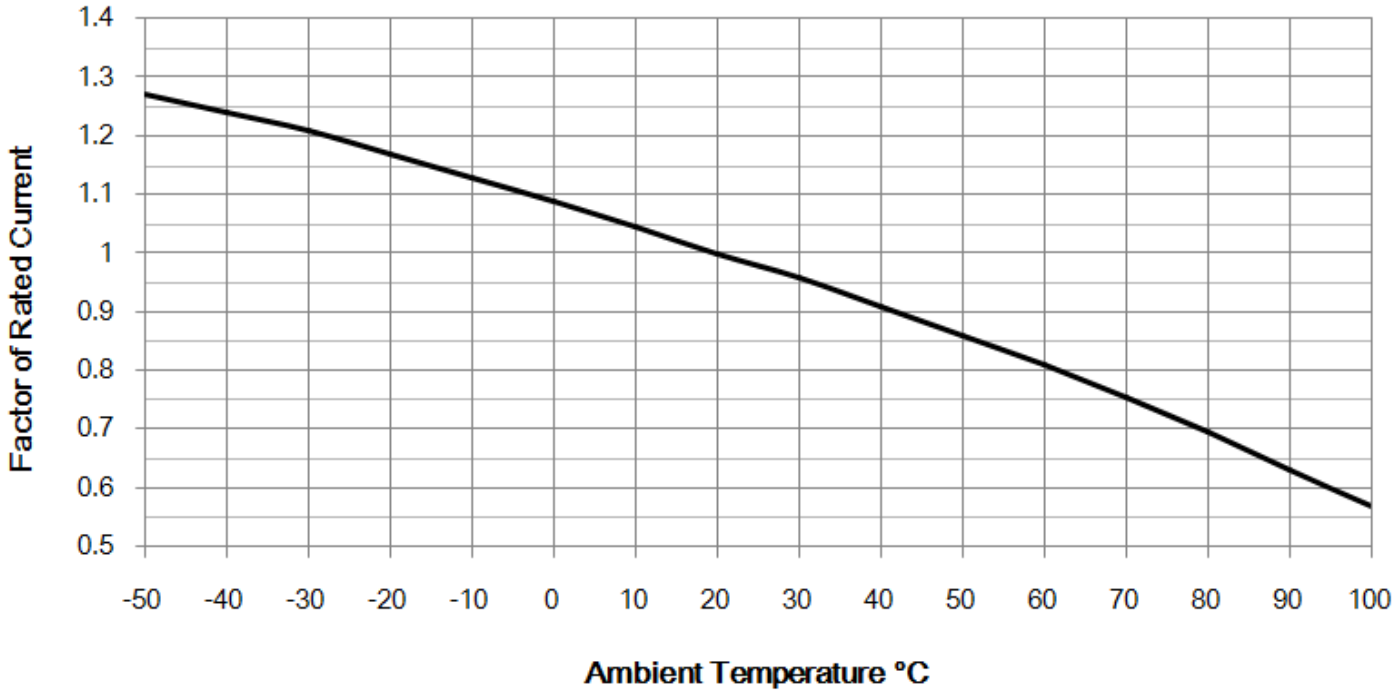
空气是干净的,其相对湿度在最高温度为40℃时不超过50%;

在较低温度下可以有较高的相对湿度,例如,在20℃时,相对湿度可达90%;

在这些条件下,由于温度变化,可能偶然发生中等凝露.
如果使用条件超出以上范围,请咨询制造商以确认相应的折减计算.

Temperature Rerating Curve 温度调额曲线

Operating temperature: -50℃ to 100℃;



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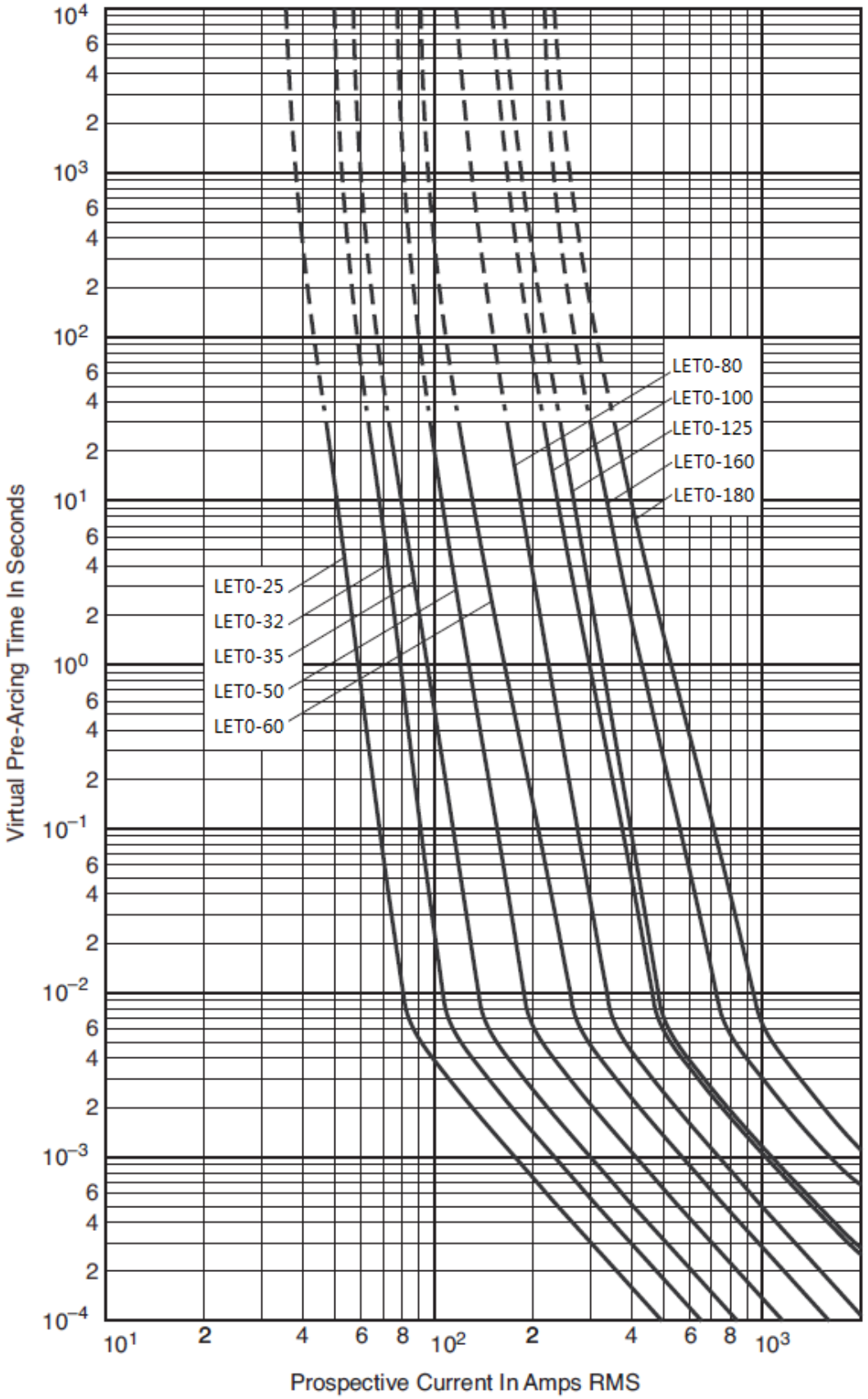
Time-Current Curve 时间电流曲线



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RoHS COMPLIANT

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