

## 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 <sup>2</sup> t (A <sup>2</sup> S)			Power Loss (W)
				Pre-Arcing	Clearing at 120V	Clearing at 240V	
LCT0	LCT0-6	6	240Vac/50 kA  150Vdc/10 kA	2	6	9	1
	LCT0-10	10		3.8	12	22	2.5
	LCT0-12	12		7	22	32	2.5
	LCT0-16	16		20	50	100	2.5
	LCT0-20	20		25	80	160	4
LET0	LET0-25	25		18	120	250	4
	LET0-32	32		32	200	450	5
	LET0-35	35		50	320	600	5
	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	
	LMT0-200	200	1500	10000	20000	28	
	LMT0-250	250	3200	20000	40000	28	
	LMT0-315	315	6000	35000	75000	35	
	LMT0-355	355	8000	50000	100000	35	
	LMT0-400	400	14000	70000	160000	40	
	LMT0-450	450	18000	100000	220000	42	
LMMTO	LMMTO-400	400	6000	35000	80000	60	
	LMMTO-500	500	14000	80000	170000	64	
	LMMTO-630	630	24000	150000	300000	75	
	LMMTO-710	710	32000	200000	460000	77	
	LMMTO-800	800	52000	300000	600000	82	
	LMMTO-900	900	75000	400000	800000	97	

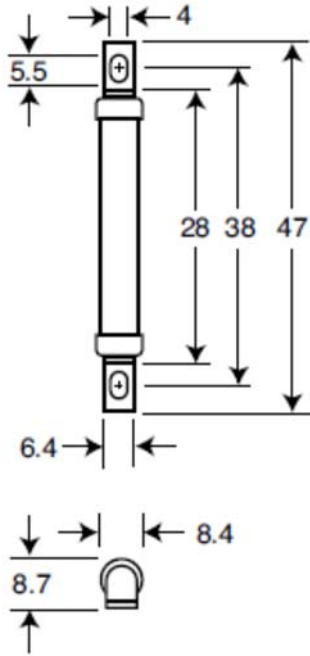
- Typical Pre-arching I<sup>2</sup>t are measured at 10In Current
- Power loss provided at rated current

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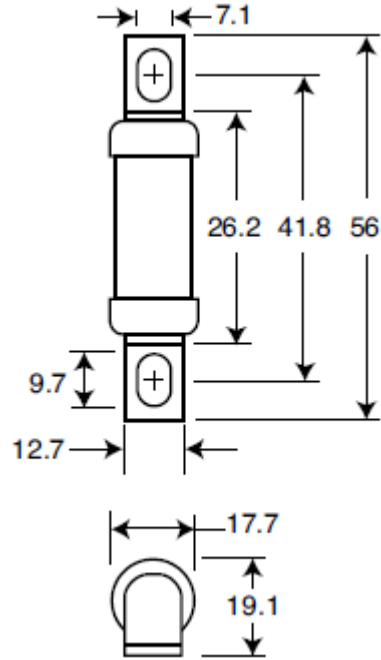
Dimension (mm)尺寸

Type:

LCT

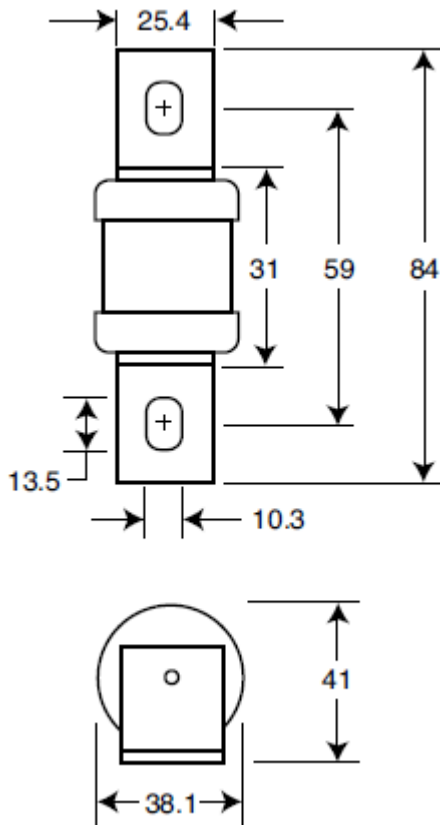


LET

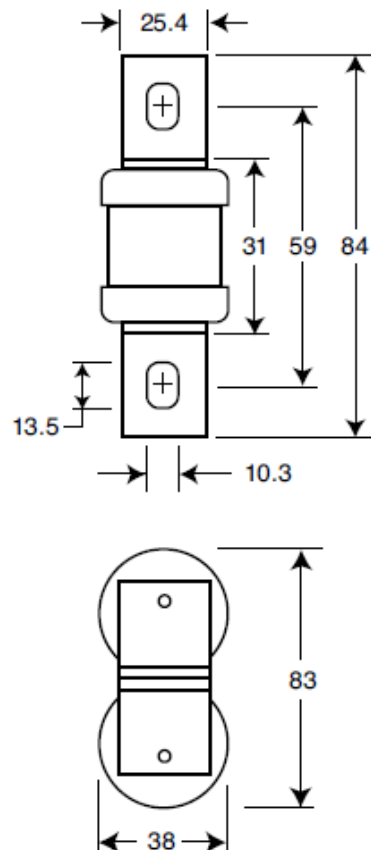


Type:

LMT

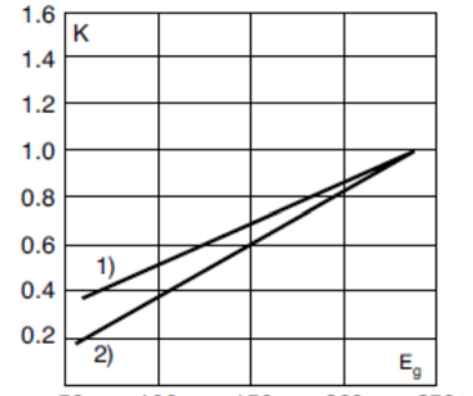
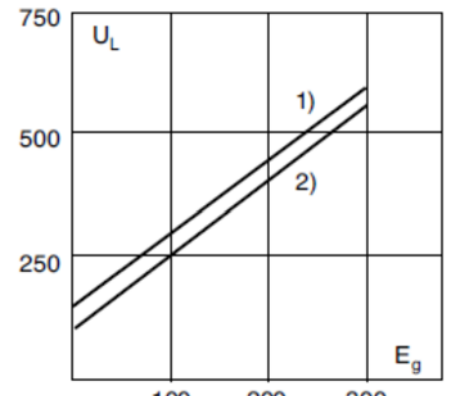
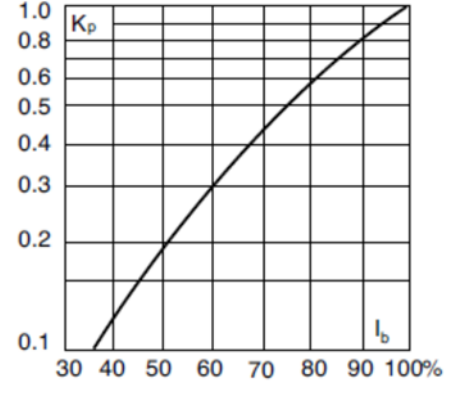


LMMT



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### Electrical Characteristics 电气特性

Total Cleaning I <sup>2</sup> t 焦耳积分值 I <sup>2</sup> t	Arc Voltage 弧电压	Power Loss 功率损耗
<p>The total clearing I<sup>2</sup>t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I<sup>2</sup>t is found by multiplying by correction factor, K, given as a function of applied working voltage, E<sub>g</sub>, (rms). 电气特性中给出的总焦耳积分 I<sup>2</sup>t 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 I<sup>2</sup>t. 参阅下图中 K 与工作电压 E<sub>g</sub> 的关系.</p>	<p>This curve gives the peak arc voltage, U<sub>L</sub>, which may appear across the fuse during its operation as a function of the applied working voltage, E<sub>g</sub>, (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 E<sub>g</sub>(RMS)与工作时熔断器上可能出现的峰值弧电压 U<sub>L</sub> 的函数关系.</p>	<p>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, K<sub>p</sub>, is given as a function of the RMS load current, I<sub>b</sub>, 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 K<sub>p</sub> 是负载率(RMS 负载电流 I<sub>b</sub> 除以额定电流得出的百分比)的函数</p>
 <p>1) LCT 2) LET, LMT, LMMT</p>	 <p>1) LCT 2) LET, LMT, LMMT</p>	

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### Time-Current Curve 时间电流曲线

