Sensata Technologies

Rev.: Dec., 2015

RoHS COMPLIANT

240V, BS88-4 Semiconductor Fuse

Description

- BS88-4 style stud-mount Fuse
- High speed semi-conductor fuse
- 240Vac/150Vdc, IEC 60269-4/BS88-4/GB13539-4, Type A

Specifications

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	
STLCT	STLCT-6	6	240Vac/50 kA 150Vdc/10 kA	2	6	9	1
	STLCT-10	10		3.8	12	22	2.5
	STLCT-12	12		7	22	32	2.5
	STLCT-16	16		20	50	100	2.5
	STLCT-20	20		25	80	160	4
STLET	STLET-25	25		18	120	250	4
	STLET-32	32		32	200	450	5
	STLET-35	35		50	320	600	5
	STLET-50	50		100	500	1400	7
	STLET-63	63		180	1100	2200	9
	STLET-80	80		300	1900	3800	10
	STLET-100	100		600	3800	7500	10
	STLET-125	125		600	3800	7500	16
	STLET-160	160		1100	7000	16000	20
	STLET-180	180		1600	12000	29000	21
STLMT	STLMT-160	160		1100	7000	16000	17
	STLMT-200	200		1500	10000	20000	28
	STLMT-250	250		3200	20000	40000	28
	STLMT-315	315		6000	35000	75000	35
	STLMT-355	355		8000	50000	100000	35
	STLMT-400	400		14000	70000	160000	40
	STLMT-450	450		18000	100000	220000	42
STLMMT	STLMMT-400	400		6000	35000	80000	60
	STLMMT-500	500		14000	80000	170000	64
	STLMMT-630	630		24000	150000	300000	75
	STLMMT-710	710		32000	200000	460000	77
	STLMMT-800	800		52000	300000	600000	82
	STLMMT-900	900		75000	400000	800000	97

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

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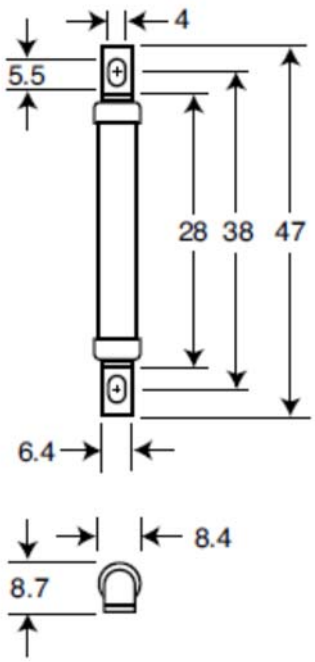
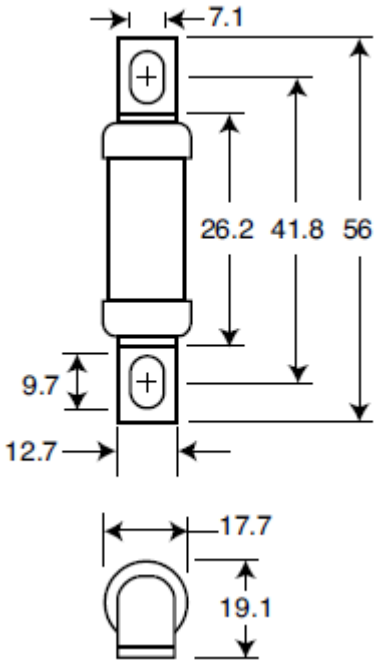
Dimension (mm)

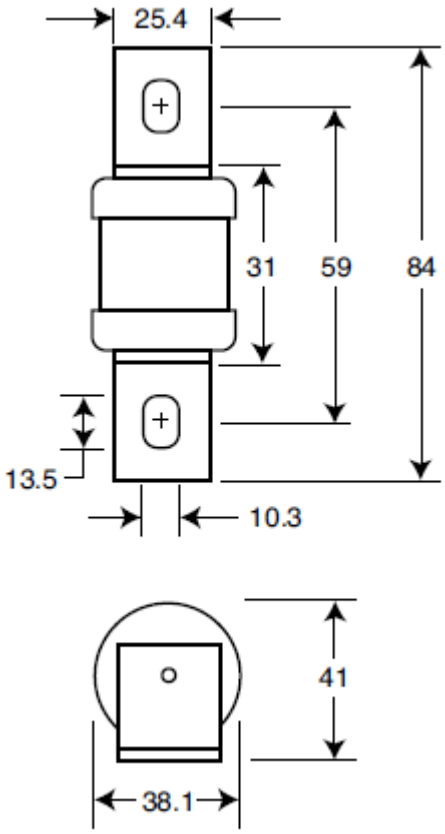
Type: STLCT



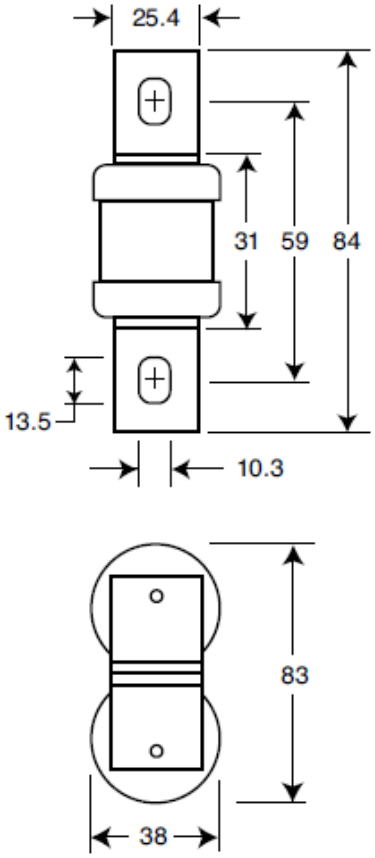
Type: STLET



Type: STLMT



Type: STLMMT



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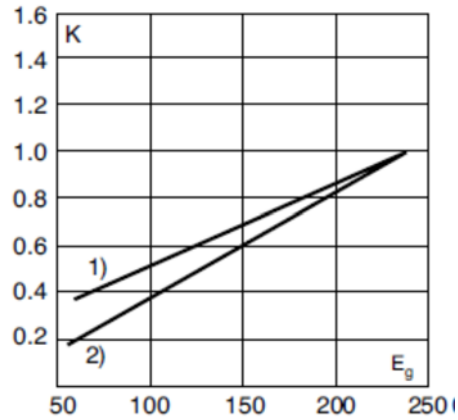
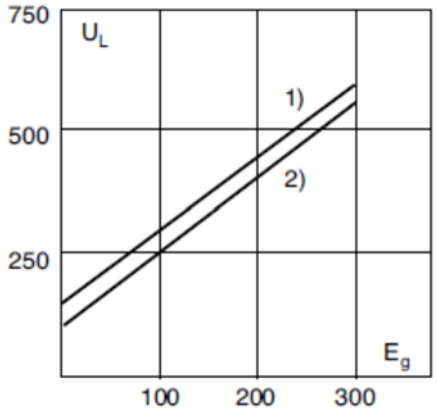
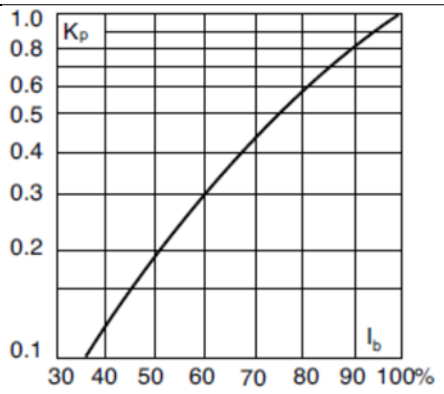
Electrical Characteristics

Total Cleaning I^2t	Arc Voltage	Power Loss
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).	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%.	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.
 1) STLCT 2) STTET, STLMT, STLMMT	 1) STLCT 2) STLET, STLMT, STLMMT	

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Time-Current Curve