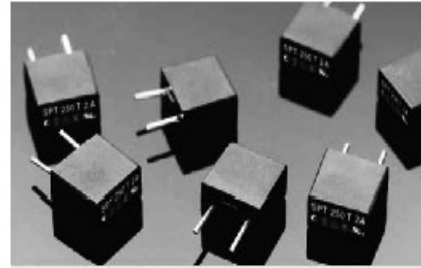


SPT SUB-MINIATURE FUSE SMART PROTECTOR TIME LAG TYPE

SPT sub-miniature fuses are extremely small and an excellent choice to accommodate PCB space requirements. Available in 1 to 4 amps. Built according to IEC 60127-3/4. Has several approvals including: VDE, CCC, cUL, SEMKO, PSE and EK. Interrupting rating to 35A or 10X rated current, whichever is greater.



GENERAL SPECIFICATIONS

Model	Current Rating (A)	Voltage Rating (V)	Nominal Resistance Cold Ohms (Ω)	Nominal Melting I ² t (A ² s)
SPT1A00	1	250	0.073	9.7
SPT1A25	1.25		0.051	12.3
SPT1A60	1.6		0.041	17.8
SPT2A00	2		0.031	33.0
SPT2A50	2.5		0.023	47.0
SPT3A15	3.15		0.017	62.5
SPT4A00	4		0.013	102.0
SPT5A00	5		0.010	163.0
SPT6A30	6.3		0.007	235.0

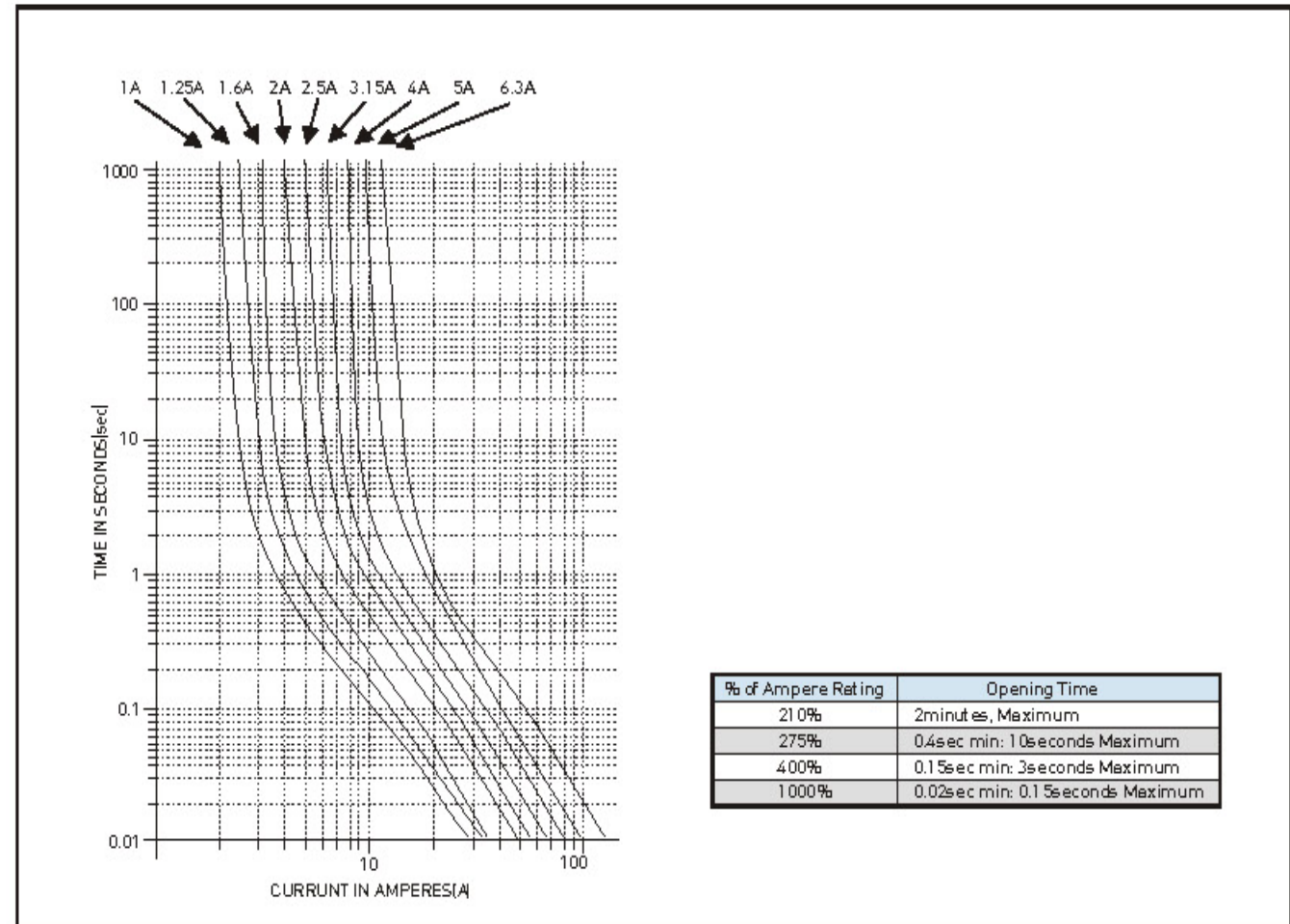
CHARACTERISTICS

Voltage drop	Max. Voltage drop (mV)		
	Current (A)	Max. Voltage drop (mV)	
Voltage drop	1A	140	All electrical tests are to be conducted with an ambient air at a temperature of 25±3 °C. The air temperature should not vary more than 5 °C during the test, and to be within these limits.
	1.25A	130	
	1.6A	120	
	2A	100	
	2.4A	100	
	3.15A	100	
	4A	100	
	5A	100	
6.3A	90		
Endurance	The voltage drop increase shall be less than 10% of the value before the test.		100 cycles of rated current (d.c.) carry for 1hr, then switch off for 15min. followed by 1hr at 1.5 times rated current.
Test at an elevated Temperature 70 °C	Not operate		Rated current shall be passed through the fuse-links for 1hr
Insulation	0.1MΩ min. measured by 500V dc insulation tester		After overload test or breaking capacity test

DIMENSIONS (mm)

Model	Dimension (mm)						
	L±1.0	H±2.0	L±3.0	P±0.05	Min h	D±0.2	Φd±0.03
SPTTE	8.4	7.9	4.3	5.05	0.5	4.3	0.02
SPTTS		6.5					

AVERAGE TIME CURRENT CURVE AND AMPERE RATING



ORDERING PROCEDURE EXAMPLE

