

低壓避雷器

Electrical Characteristics 電氣特性說明

Characteristics 特性	Marks 符號	Descriptions 說明
Varistor voltage (breakdown voltage) 突波電壓 (崩潰電壓)	V1mA	The voltage across the varistor measured at a specified current I _c (1.0mA) of specified duration. 一定的電流(1.0mA)于一定時間內通過突波器所量取之電壓
Non linear exponent 非線性指數		α
		$\alpha = \frac{\log I_1/I_2}{\log V_1/V_2}$ I ₁ 及I ₂ 系電壓等于V ₁ 及V ₂ 時相對應之電流值 I ₁ and I ₂ are the current value corresponding to the voltage value V ₁ and V ₂

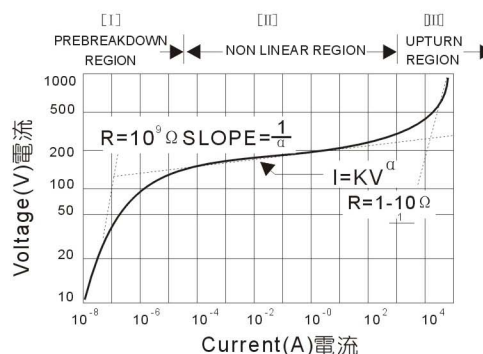
V-I Characteristics

電壓電流特性曲線

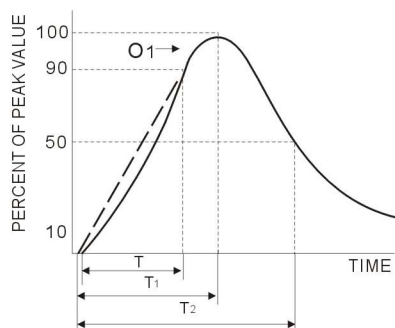
I : 預潰區

II : 非線性區

III : 上揚區



Norminal impulse discharge current 耐衝擊電流(短波)	8*20 μ sec	Rated discharge current of 8*20 μ sec waveform 以8*20 μ sec波形衝擊之電流峰值
Norminal impulse discharge current 耐衝擊電流(短波)	10*1000 μ sec	Rated discharge current of 8*20 μ sec waveform 以10*1000 μ sec波形衝擊之電流峰值



O₁-Virtual Origin of Wave
 T-Time From 10% to 90% of peak
 T₁-Virtual Front time - 1.25 · t
 T₂-Virtual Time to Half Value (Impulse Duration)
 Example: For an 8/20 μ s Current Waveform:
 8 μ s - T₁ - Virtual Front Time
 20 μ s - T₂ - Virtual Time to Half Value

Rated powed 額定功率	W(Ω)	The maximun power that can be applied within the specified ambient temperature 表示在一定環境溫度下所能消耗的最大功率
Capacitance 電容值		Measured at 1KHz ±100%, 1Vrms max OV bias and 20± 2°C