

G. T. O 用缓冲保护/箝位电容器

Snubber Clamping Capacitors Especially Used for G.T.O & thyristors

应用

适用于 G.T.O 以及可控硅等开关器件的箝位和缓冲保护

Applications

Protection of thyristors. Protection of gate turn-off thyristor (G.T.O.). Clamping (Secondary snubber)



● 产品描述

- 执行标准 BG/T 17702 idt IEC 61071, GB/T 2693 idt IEC 60384-1;
- 干式全固态结构;
- 具有低的 ESR、ESL 和高的 dv/dt 特性;
- 可承受很大的峰-峰值电流 I_{pp} 和高频有效值电流 I_{rms};

● 工艺特点

- 金属化聚丙烯薄膜无感式卷绕;
- 特殊的金属化镀层结构, 可以有效的提高 dv/dt 特性并消除交流电离;

● 性能指标 Specifications

温度范围 (与工作电流有关) Temperature Range	-40~+85/105 °C (Relating to operating current)
电容量范围 Capacitance Range	0.33~6μF
电容量偏差 ΔC/C Capacitance Tolerance ΔC/C	J: ±5% K: ±10%
额定工作电压 U _n Rated Voltage U _n	800~2000Vdc
端子间电压 U _{TT} Voltage Proof Between Terminals U _{TT}	U _s (10s)
端子与外壳间电压 U _{TC} Voltage Proof Between Terminals And Case U _{TC}	4000Vac (50/60Hz 60s)

● Description of Products

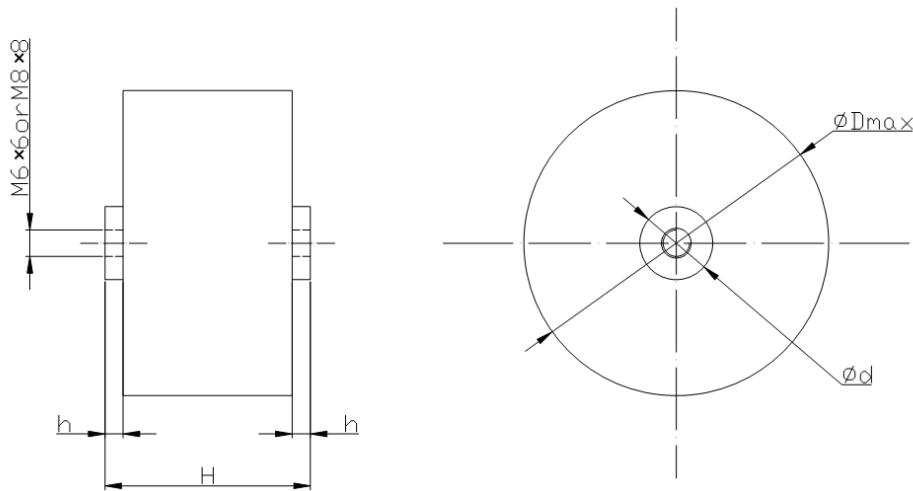
- Reference standard: BG/T 17702 idt IEC 61071, GB/T2693 idt IEC 60384-1
- Dry, solid state construction.
- Low ESR and high dv/dt.
- Withstanding very high peak to peak value of current I_{pp} and high frequency effective value of current I_{rms}.

● Technology Features

- Metallized polypropylene film wound, non-inductive instruction.
- Special metallized structure can effectively enhance dv/dt property and eliminate ionization communication.

● 外形尺寸 Dimensions

Max Torque: 8.5Nm (M8)
4.5Nm (M6)



● 代表规格 Representative Specifications

	C _n (μF)	Dimensions mm					I _{rms} max (A)	R _s (mΩ)
		Type Terminal Lugs	H±2	h±2	D _{max}	d±0.5		
Un=800Vdc U _{peak} =1200V U _{rms} =500V U _s =1500V	2	M8/8	52	5	55	22	30	1.2
	3	M8/8	52	5	66	22	45	0.9
	3.5	M8/8	52	5	72	22	50	0.85
	4	M8/8	52	5	76	22	60	0.75
	5	M8/8	52	5	85	22	70	0.65
Un=1000Vdc U _{peak} =1600V U _{rms} =600V U _s =2000V	6	M8/8	52	5	92	22	75	0.6
	1.5	M8/8	52	5	56	22	30	1.5
	2	M8/8	52	5	63	22	40	1.1
	2.5	M8/8	52	5	72	22	60	0.89
	3	M8/8	52	5	76	22	60	0.85
Un=1300Vdc U _{peak} =2000V U _{rms} =700V U _s =2500V	3.5	M8/8	52	5	82	22	65	0.78
	4	M8/8	52	5	92	22	70	0.7
	1	M6/6	62	5	45	16	18	3
	1.5	M8/8	62	5	53	22	25	2
	2	M8/8	62	5	62	22	35	1.5
Un=2000Vdc U _{peak} =2400V U _{rms} =1000V U _s =3500V	2.5	M8/8	62	5	68	22	40	1.3
	3	M8/8	62	5	74	22	50	1.15
	4	M8/8	62	5	92	22	65	0.95
	0.33	M6/6	63	5	42	16	15	2.5
	0.5	M6/6	63	5	52	16	19	2.5
	1	M8/8	63	5	70	22	38	1.4
	1.5	M8/8	63	5	85	22	56	1.1
	2	M8/8	63	5	98	22	75	0.85

备注：可根据客户需求，提供定制产品。Special design available to meet your requirements.