



» 门极可关断晶闸管 | Gate Turn-off Thyristor

特点:

- 可以通过在门极施加负脉冲使其关断，主要用于兆瓦级以上的大功率场合。润奥电子工程师于 90 年代先后两次赴英国马可尼 Marconi 公司学习 GTO 制造技术。产品工艺稳定，已大量出口国外。

Features:

- It can be shut off by applying negative pulse to the gate, which is mainly used for high-power applications above the megawatt level. In the 1990s, Runau Electronics engineers went to Marconi to study GTO manufacturing technology. The product technology is stable and has been exported abroad in large quantities.

应用领域:

- 机车牵引、传动、高压直流输电、高压无功功率因数补偿、大电流电源、电机软起动、工业传动、电机励磁、感应加热

Applications:

- Traction and transmission, HVDC, SVC, High current power supply, Soft-starter, Motor excitation, Induction heating.



型号	V_{DRM}	V_{RRM}	$I_{T(AV)}$ @80°C	I_{TQM} @CS		I_{TSM} @10ms	V_{TM}	V_{TO}	r_T	T_{VJM}	R_{thJC}	外形
TYPE	V	V	A	A	μF	kA	V	V	mΩ	°C	°C/W	Outline
CSG07E1400	1400	100	250	700	2	4.0	2.20	1.20	0.50	125	0.075	GTOE
CSG07E1700	1700	100	240	700	2	4.0	2.50	1.20	0.50	125	0.075	GTOE
CSG05E2000	2000	100	200	500	1	4.0	2.50	1.30	0.57	125	0.065	GTOE
CSG05D2500	2500	17	260	600	2	3.0	2.80	1.30	0.57	125	0.075	GTOD
CSG15F2500	2500	17	570	1500	3	10.0	2.80	1.50	0.90	125	0.027	GTOF
CSG20H2500	2500	17	830	2000	4	16.0	2.80	1.66	0.57	125	0.017	GTOH
CSG25H2500	2500	17	867	2500	6	16.0	3.10	1.66	0.57	125	0.017	GTOH
CSG30J2500	2500	17	1300	3000	5	30.0	2.50	1.50	0.33	125	0.012	GTOJ
CSG40L2500	2500	18	1380	4000	6	32.0	3.00	2.00	0.58	125	0.011	GTOL
CSG06D4500	4500	17	260	600	1	3.0	4.00	1.90	0.50	125	0.050	GTOD
CSG10F4500	4500	17	400	1000	1	6.5	4.00	1.90	0.35	125	0.030	GTOF
CSG20H4500	4500	17	710	2000	4	13.0	3.50	1.80	0.85	125	0.017	GTOH
CSG30J4500	4500	17	930	3000	6	24.0	4.00	2.20	0.60	125	0.012	GTOJ
CSG40L4500	4500	17	1000	4000	6	25.0	4.40	2.10	0.58	125	0.011	GTOL
CSG60K6000	6000	22	1500	6000	6	40.0	6.00	3.00	0.85	125	0.011	GTOK

