

IGCT

Asymmetric Integrated Gate Commutated Thyristor (As-IGCT)

Features

- With self turn-off capacity
- Be fit for application in series

Applications

- General choppers
- General inverter
- PWM rectifiers
- Power system compensation
- Motor drives equipments
- Wind generating system
- Flexible AC transmission system
- Motor traction equipments



Model	I_{TQOM} @ T_{jm}	$I_{T(AV)}$ @ $T_c = 85^\circ\text{C}$	V_{DRM} @ T_{jm}	I_{DRM} @ T_{jm}	I_{TSM} @ T_{jm} 10ms	V_{TM} @ T_{jm}	I_{TM}	V_{TO} @ T_{jm}	r_r @ T_{jm}	R_{thjc} DC	R_{thch} DC	Φ	T_{jm}	F min max	Pkg
	A	A	V	mA	kA	V	A	V	m Ω	K/W	K/W	mm	°C	kN	
CA _C 4000-45	4000	1700	4500	50	32.0	2.7	4000	1.40	0.325	0.085	0.003	91	125	36 44	CA _C
CA _C 3000-60	3000	1300	6000	50	27.5	3.4	3000	1.50	0.650	0.085	0.003	91	125	36 44	CA _C