

General-Use Thyristors

300A - 1500A

Device type	Maximum rating				Characteristics (T _j =25°C)				Package	Net mass Grams
	V _{RRM} Volts	I _{T(AV)} Amps. * ¹	I _{TSM} Amps. * ²	I ² t A ² s	I _{GT} mA	V _{GT} Volts	I _H mA	R _{th(j-c)} °C/W * ¹		
EGN05-06	600	300(T _C =66°C)	7000	196x10 ³ * ⁴	150	1.4	150	0.14	TH-3	500
EGN05-08	800									
EGN05-10	1000									
EGN05-12	1200									
EGN05-16	1600									
EGN13-16	1600	400(T _C =82°C)	7000	196x10 ³ * ⁴	150	1.4	150	0.068	TH-4	230
EGN14-08	800	450(T _C =84°C)	8000	256x10 ³ * ⁴	150	1.4	150	0.068	TH-4	230
EGP04-25	2500	500(T _C =74°C)	9000	324x10 ³ * ⁴	250	2.5	300	0.045	TH-5	280
EGP13-16	1600	700(T _C =72°C)	9500	485x10 ³ * ³	200	1.5	300	0.045	TH-4	250
EGP14-08	800	700(T _C =80°C)	11000	625x10 ³ * ³	200	1.5	300	0.045	TH-4	250
EGR03-25	2500	1000(T _C =72°C)	16400	1080x10 ³ * ⁴	200	2.5	300	0.027	TH-6	490
EGR13-16	1600	1500(T _C =60°C)	18000	1290x10 ³ * ⁴	200	2.5	300	0.027	TH-7	400
EGS03-40	4000	1000(T _C =76°C)	17500	1225x10 ³ * ⁴	200	2.5	300	0.020	TH-8	700

High-Speed Thyristors

250A - 460A

Device type	Maximum rating				Characteristics (T _j =25°C)					Package	Net mass Grams
	V _{RRM} Volts	I _{T(AV)} Amps. * ¹	I _{TSM} Amps. * ²	I ² t A ² s	I _{GT} mA	V _{GT} Volts	I _H mA	R _{th(j-c)} °C/W * ¹	t _g μs		
EGN24-06	600	250(T _C =57°C)	6300	158x10 ³	200	2.5	180	0.14 * ⁵	15	TH-3	500
EGN24-08	800										
EGN26-08	800	400(T _C =70°C)	6300	158x10 ³	200	2.0	180	0.068	15	TH-4	230
EGP26-13A	1300	460(T _C =80°C)	8000	256x10 ³	300	3.0	400	0.04 * ⁵	25	TH-4	250
EGP26-13B	1300								30		

*¹ 50Hz Sine wave, conduction angle 180°

*² 50Hz Sine wave, rated load

*³ No load

*⁴ Rated load

*⁵ Smoothing DC current