Low power thyristors

Type	V_{DRM} V_{RRM} V	I_{TRMSM} A	I_{TSM} 10 ms, $t_{vj\ max}$ A	$\int i^2dt$ 10 ms, $t_{vj\ max}$ A^2s	I_{TAVM}/t_C 180 °el sin. A/°C	$V_{(TO)}$ $t_{vj} = t_{vj\ max}$ V	r_T $t_{vj} = t_{vj\ max}$ mΩ	$(di/dt)_{cr}$ DIN IEC 747-6 A/µs	t_q typ. µs	$(dv/dt)_{cr}$ DIN IEC 747-6 V/µs	V_{GT} t_{vj} = 25 °C V	I_{GT} t_{vj} = 25 °C mA	R_{thJC} 180 °el sinus °C/W	$t_{vj\ max}$ °C	Outline
T 3,5 N	400 600 800	6	51	13	3,8/85	1,15	125	100	50	B = 50	2	10	4	125	96
T 5 N	400 600 800	8	68	23	5,1/85	1,05	65	100	50	B = 50	2	10	4	125	96
T 7,5 N	400 600 800	12	100	50	7,5/85	1	36	100	50	B = 50	2	25	3	125	96
T 9,5 N	400 600 800	16	136	92	10/85	0,9	30	100	50	C = 500	2	25	2,2	125	96
T 14 N	400 600 800	25	212	225	16/85	0,85	16,5	100	50	C = 500	2,5	50	1,55	125	96
■ BStC0313S6 ■ BStC0326S6 ■ BStC0340S6 ■ BStC0353S6 ■ BStC0366S6 ■ BStC0380S6	200 400 600 800 1000 1200	25	140	100	11/85	1	33	150	60	200	2,5	30	1,8	125	97
■ BStD0313S6 ■ BStD0326S6 ■ BStD0340S6 ■ BStD0353S6 ■ BStD0366S6 ■ BStD0380S6	200 400 600 800 1000 1200	25	200	200	16/85	1	18	150	60	200	2,5	30	1,5	125	97

Triacs

Type	± V_{DRM} V	I_{TRMSM} A	I_{TSM} 10 ms, $t_{vj\ max}$ A	$\int i^2dt$ 10 ms, $t_{vj\ max}$ A^2s	I_{TRMS}/t_C A/°C	$V_{(TO)}$ V	r_T mΩ	$(di/dt)_{cr}$ DIN IEC 747-6 A/µs	$(dv/dt)_{com.}$ V/µs	± V_{GT} t_{vj} = 25 °C V	± I_{GT} t_{vj} = 25 °C mA	R_{thJC} 180 °el sinus °C/W	$t_{vj\ max}$ °C	Outline
TW 5 N	400 600 800	5	34	5,8	5/85	1,05	130		FZ: = 4 ■ FZ1: = 4 ■ FZ3: = 1	2,5	FZ: = 50 FZ1: = 25 FZ3: = 5	4	125	96
TW 7 N	400 600 800	8	60	18	8/85	1	80		FZ: = 5 ■ FZ1: = 4 ■ FZ2: = 2	2,5	FZ: = 50 FZ1: = 25 FZ2: = 10	3	125	96
TW 9 N	400 600 800	10	85	36	10/85	1,05	52		FZ: = 5 ■ FZ1: = 2	2,5	FZ: = 50 FZ1: = 25	2,5	126	96
TW 11 N	400 600 800	12	95	45	12/85	0,95	33		FZ: = 5 ■ FZ1: = 2	2,5	FZ: = 50 FZ1: = 25	2,5	125	96
■ TW 12 N	400 700 1000 500 800 1100 600 900 1200*	30	110	61	23,5/20 12/85	1,1	49	100	X = 10	3,0	80	2,1	125	98
TW 16 N	400 600 800	16	130	85	16/85	0,9	25		Z = 5	2,5	50	1,8	125	96
■ TW 18 N	400 700 1000 500 800 1100 600 900 1200*	40	130	85	36/20 18/85	1	20	100	X = 10	3,0	80	1,8	125	99
TW 24 N	400 600 800	25	212	225	24/85	0,85	13		Z = 5	2,5	50	1,5	125	96
■ TW 25 N	400 700 1000 500 800 1100 600 900 1200*	40	250	313	40/50 25/85	1,05	15	100	T = 25	3,0	150	1,2	125	100

* Delivery for large quantities on request
■ Not for new design