

Phase Control Thyristors (1) —Disc Type



Model	$I_{T(AV)}$ @ $T_c=75^\circ\text{C}$ A	V_{DRM} V_{RRM} V	I_{DRM} I_{RRM} mA	I_{TSM} @10ms kA	V_{TM} V	I_{TM} A	V_{GT} V	I_{GT} mA	dv/dt V/ μs	$R_{\theta jc}$ $^\circ\text{C/W}$	T_{vj} $^\circ\text{C}$	Outline
KP200/35	200	3500	≤ 40	3.0	≤ 2.8	600			≥ 1000	0.045		T7
KP300/18	300	1800	≤ 30	4.5	≤ 2.0	900	≤ 3.0	≤ 150	≥ 500	0.080	125	T6
KP500/06	500	600	≤ 20	6.0	≤ 1.4	1500						
KP300/35	300	3500	≤ 40	4.5	≤ 2.8	900	≤ 3.0	≤ 200	≥ 1000	0.035	125	T9
KP400/26	400	2600		6.0	≤ 2.4	1200			≥ 500	0.045		T7
KP500/18	500	1800	≤ 30	7.5	≤ 2.0	1500						
KP800/06	800	600	≤ 20	12.5	≤ 1.5	2000						
KP200/60	200	6000	≤ 120	3.0	≤ 3.8	600	≤ 3.0	≤ 200	≥ 1000	0.035	125	T9
KP300/46	300	4600	≤ 100	4.5	≤ 3.2	900						
KP400/35	400	3500	≤ 80	6.0	≤ 2.6	1200						
KP500/26	500	2600	≤ 60	7.5	≤ 2.2	1500						
KP800/18	800	1800	≤ 50	12.0	≤ 1.8	2000						
KP1000/06	1000	600	≤ 40	21.0	≤ 1.5	3000						
KP800/35	800	3500	≤ 120	12.0	≤ 2.8	2000	≤ 3.0	≤ 200	≥ 1000	0.031	125	T10
KP1000/18	1000	1800	≤ 100	18.0	≤ 2.0	3000						
KP1200/06	1200	600	≤ 80	24.0	≤ 1.5	3000						
KP500/60	500	6000	≤ 200	8.0	≤ 4.0	1500	≤ 3.0	≤ 200	≥ 1000	0.022	125	T11
KP800/46	800	4600	≤ 150	10.0	≤ 3.2	2000						
KP1000/35	1000	3500	≤ 120	18.0	≤ 2.6	3000						
KP1200/18	1200	1800	≤ 100	28.0	≤ 2.2	3000						
KP1500/06	1500	600	≤ 80	36.0	≤ 1.5	6000						
KP1200/35	1200	3500	≤ 200	20.0	≤ 2.8	3000						
KP1500/26	1500	2600	≤ 150	27.0	≤ 2.4	3000	≤ 3.5	≤ 250	≥ 1000	0.018	125	T12
KP1800/18	1800	1800	≤ 120	33.0	≤ 2.0	3000						
KP2000/06	2000	600	≤ 100	40.0	≤ 1.4	6000			≥ 500			
KP1000/60	1000	6000	≤ 250	15.0	≤ 4.2	3000	≤ 3.5	≤ 250	≥ 1000	0.015	125	T13
KP1200/46	1200	4600	≤ 200	20.0	≤ 3.0	3000						
KP1500/35	1500	3500	≤ 180	25.0	≤ 2.4	3000						
KP1800/26	1800	2600	≤ 150	30.0	≤ 2.2	3000						
KP2000/18	2000	1800	≤ 120	36.0	≤ 1.8	6000						
KP2500/06	2500	600	≤ 100	50.0	≤ 1.4	6000						
KP1500/60	1500	6000	≤ 300	25.0	≤ 3.6	3000	≤ 4.0	≤ 300	≥ 1000	0.011	125	T14
KP1800/46	1800	4600	≤ 280	30.0	≤ 3.0	6000						
KP2000/35	2000	3500	≤ 250	36.0	≤ 2.4	6000						
KP2500/26	2500	2600	≤ 200	45.0	≤ 2.0	6000						
KP3000/18	3000	1800	≤ 180	54	≤ 2.0	9000						
KP3500/06	3500	600	≤ 150	65	≤ 1.4	9000						
KP2000/60	2000	6000	≤ 350	30	≤ 3.8	6000	≤ 4.0	≤ 400	≥ 1000	0.008	125	T15
KP3000/32	3000	3200	≤ 300	45	≤ 2.4	9000						
KP4000/20	4000	2000	≤ 250	60	≤ 2.0	9000						
KP5000/06	5000	600	≤ 200	90	≤ 1.5	9000						
KP2500/60	2500	6000	≤ 400	35	≤ 4.0	9000						
KP4000/32	4000	3200	≤ 350	60	≤ 2.2	9000						
KP5000/20	5000	2000	≤ 300	80	≤ 1.8	9000	≤ 4.0	≤ 400	≥ 1000	0.006	125	T16
KP6000/06	6000	600	≤ 250	100	≤ 1.4	9000						