

Phase Control Thyristors —Stud Type



Model	$I_{T(AV)}$ @ $T_C=75^\circ\text{C}$ A	V_{DRM} V_{RRM} V	I_{DRM} I_{RRM} mA	I_{TSM} @50Hz kA	V_{TM} V	$@I_{TM}$	V_{GT} V	I_{GT} mA	dv/dt V/ μs	$R_{\theta jc}$ $^\circ\text{C/W}$	T_{vj} $^\circ\text{C}$	Outline
						A						
KP10/20	10	2000	≤ 10	0.2	≤ 2.4	30	≤ 2.0	≤ 60	≥ 500	0.80	125	T1
KP20/12	20	1200		0.4	≤ 1.8	60	≤ 2.5	≤ 100				
KP50/20	50	2000	≤ 20	1.0	≤ 2.0	150	≤ 3.0	≤ 150	≥ 500	0.35	125	T2
KP100/20	100		≤ 30	1.8		300				0.20		T3
KP100/30	100	3000	≤ 40	1.8	≤ 2.6	300	≤ 3.0	≤ 150	≥ 1000	0.12	125	T4
KP200/20	200	2000	≤ 30	3.6	≤ 1.8	600			≥ 500			
KP200/30	200	3000	≤ 50	3.6	≤ 2.6	1500	≤ 3.0	≤ 200	≥ 1000	0.10	125	T5
KP300/20	300	2000	≤ 40	5.4	≤ 1.8				≥ 500			
KP350/16	350	1600		6.3	≤ 1.5							