

## Russia Type Phase Control Thyristor (Stud Version)

Type	$V_{RRM}$	$I_{RRM}$	$I_{T(AV)}$	$I_{T(RSM)}$	$I_{T(SM)}$	$V_{TM}/I_{TM}$	$d_i/d_t$	$d_v/d_t$	$V_{GT}$	$I_{GT}$	$I_H$	$T_j$	$R_{jc}$	$T_q$	$M^2$	$Wt$	Outline
			$T_c 55^\circ C$		10ms	$25^\circ C$											
	V	mA	A	A	kA	V/A	A/ $\mu S$	V/ $\mu S$	V	mA	mA	$^\circ C$	$^\circ C/W$	$\mu s$	N/m	kg	
T212-10	100-1300	3	10	15.7	0.15	1.93/31	125	50-500	3.0	40	5-50	-40 $^\circ C$ ~ +125 $^\circ C$	1.80	63	0.9-1.1	0.006	RST1
T212-16	100-1300	3	15	25.2	0.24	1.80/50	125	50-500	3.0	40	5-50		1.50	63	0.9-1.1	0.006	
T222-20	100-1300	3.5	20	31.4	0.30	1.75/63	125	50-500	3.0	60	5-50		0.90	63	1.4-1.8	0.015	RST2
T222-25	100-1300	3.5	25	39.2	0.35	1.75/78	125	50-500	3.0	60	5-50		0.80	63	1.4-1.8	0.015	
T232-25	1200-1600	9	25	30.2	0.33	2.20/78	125	50-500	3.5	100	5-100		0.80	160	5.0-6.2	0.023	RST3
T232-40	100-1300	5	40	62.8	0.75	1.75/125	125	50-500	4.0	100	5-100		0.62	63	5.0-6.2	0.023	
T232-50	100-1300	5	50	70.5	0.80	1.75/157	125	50-500	4.0	100	5-100		0.50	63	5.0-6.2	0.023	
T242-50	1200-1600	15	50	78.5	0.85	2.10/157	125	50-500	3.5	120	5-100		0.40	160	9.0-11	0.050	RST4
T242-63	100-1300	7	63	90.9	1.30	1.65/108	125	50-500	4.0	150	5-100		0.40	63	9.0-11	0.050	
T242-80	100-1300	7	80	125.8	1.50	1.63/250	125	50-500	4.0	150	5-100		0.30	63	9.0-11	0.050	
T151-100	300-1600	15	100	160	2.0	1.80/314	160	200-1000	3.5	200	5-200		0.30	160	10-20	0.165	RST5
T151-125	300-1600	15	125	200	2.5	1.75/392	125	200-1000	3.5	200	5-200		0.15	160	20-30	0.165	
T161-160	300-1800	15	160	260	4.0	1.70/502	125	200-1000	3.5	200	5-200		0.15	160	20-30	0.250	RST6
T161-200	300-1800	15	200	315	5.0	1.80/628	160	200-1000	3.5	200	5-200		0.13	250	20-30	0.250	
T161-250	300-1600	30	250	390	5.0	1.85/780	125	200-1000	3.5	200	5-200		0.10	160	20-30	0.250	
T171-250	300-1800	30	250	393	6.0	1.75/785	125	200-1000	3.5	200	5-200		0.10	160	25-35	0.440	RST7
T171-320	300-1800	30	320	500	8.5	1.60/100S	320	200-1000	3.5	200	5-200	0.85	160	25-35	0.440		