

Phase Control Thyristors

Capsule Types

Part No. ○ Not for new design	V_{DRM} V_{RRM}	I_{TAV} $T_K = 55^\circ\text{C}$	I_{TSM}	I^2t 10 ms ½ sine $V_R - \leq 60\% V_{RRM}$	V_{T0}	r_T	T_{JM}	R_{thJK}		Fig. No.	Package style Outlines on pages O-01...O-35
	V	A	A	A ² s	V	mΩ	°C	180° Sine K/W	120° Rect. K/W		
N2418ZC300	3000	2418	30000	4.50 x 10 ⁶	1.160	0.246	125	0.0110	0.0119	W13	
N2418ZC360	3600	2418	30000	4.50 x 10 ⁶	1.160	0.246	125	0.0110	0.0119	W13	
N2418ZD300	3000	2418	30000	4.50 x 10 ⁶	1.160	0.246	125	0.0110	0.0119	W46	
N2418ZD360	3600	2418	30000	4.50 x 10 ⁶	1.160	0.246	125	0.0110	0.0119	W46	
N2500VC120	1200	2500	37000	6.85 x 10 ⁶	0.880	0.124	125	0.0170	0.0206	W12	
N2500VC160	1600	2500	37000	6.85 x 10 ⁶	0.880	0.124	125	0.0170	0.0206	W12	
N2500VF120	1200	2500	37000	6.85 x 10 ⁶	0.880	0.124	125	0.0170	0.0206	W62	
N2500VF160	1600	2500	37000	6.85 x 10 ⁶	0.880	0.124	125	0.0170	0.0206	W62	
○ N2520ML080	800	2520	38200	7.30 x 10 ⁶	0.980	0.090	125	0.0180	0.0201	WP5	
○ N2520ML120	1200	2520	38200	7.30 x 10 ⁶	0.980	0.090	125	0.0180	0.0201	WP5	
○ N2520ML140	1400	2520	38200	7.30 x 10 ⁶	0.980	0.090	125	0.0180	0.0201	WP5	
N2543ZC240	2400	2543	32000	5.12 x 10 ⁶	0.780	0.274	125	0.0110	0.0119	W13	
N2543ZC300	3000	2543	32000	5.12 x 10 ⁶	0.780	0.274	125	0.0110	0.0119	W13	
N2543ZD240	2400	2543	32000	5.12 x 10 ⁶	0.780	0.274	125	0.0110	0.0119	W46	
N2543ZD300	3000	2543	32000	5.12 x 10 ⁶	0.780	0.274	125	0.0110	0.0119	W46	
N2593MK160	1600	2593	34500	5.95 x 10 ⁶	0.940	0.154	125	0.0140	0.0157	WP3	
N2593MK180	1800	2593	34500	5.95 x 10 ⁶	0.940	0.154	125	0.0140	0.0157	WP3	
N2600MC160	1600	2600	30000	4.50 x 10 ⁶	0.950	0.130	125	0.0150	0.0165	W70	
N2600MC180	1800	2600	30000	4.50 x 10 ⁶	0.950	0.130	125	0.0150	0.0165	W70	
N2655HA320	3200	2655	28400	4.03 x 10 ⁶	0.910	0.243	125	0.0105	0.0118	W79	
N2655HA360	3600	2655	28400	4.03 x 10 ⁶	0.910	0.243	125	0.0105	0.0118	W79	
N2825TE420	4200	2825	36900	6.81 x 10 ⁶	1.210	0.270	125	0.0080	0.0085	W82	
N2825TE450	4500	2825	36900	6.81 x 10 ⁶	1.210	0.270	125	0.0080	0.0085	W82	
N2825TJ420	4200	2825	36900	6.81 x 10 ⁶	1.210	0.270	125	0.0080	0.0085	W81	
N2825TJ450	4500	2825	36900	6.81 x 10 ⁶	1.210	0.270	125	0.0080	0.0085	W81	
N2830HE260	2600	2830	36000	6.48 x 10 ⁶	0.930	0.150	125	0.0125	0.0138	W80	
N2830HE280	2800	2830	36000	6.48 x 10 ⁶	0.930	0.150	125	0.0125	0.0138	W80	
○ N2900QL020	200	2900	28000	3.92 x 10 ⁶	0.850	0.080	150	0.0230	0.0272	WP6	
○ N2900QL040	400	2900	28000	3.92 x 10 ⁶	0.850	0.080	150	0.0230	0.0272	WP6	
○ N2900QL060	600	2900	28000	3.92 x 10 ⁶	0.850	0.080	150	0.0230	0.0272	WP6	
N3012ZC200	2000	3012	45100	10.2 x 10 ⁶	0.920	0.160	125	0.0110	0.0119	W13	
N3012ZC260	2600	3012	45100	10.2 x 10 ⁶	0.920	0.160	125	0.0110	0.0119	W13	
N3012ZD200	2000	3012	45100	10.2 x 10 ⁶	0.920	0.160	125	0.0110	0.0119	W46	
N3012ZD260	2600	3012	45100	10.2 x 10 ⁶	0.920	0.160	125	0.0110	0.0119	W46	
N3022MK080	800	3022	38200	7.30 x 10 ⁶	0.981	0.090	125	0.0140	0.0157	WP3	
N3022MK120	1200	3022	38200	7.30 x 10 ⁶	0.981	0.090	125	0.0140	0.0157	WP3	
N3022MK140	1400	3022	38200	7.30 x 10 ⁶	0.981	0.090	125	0.0140	0.0157	WP3	
N3029ZC240	2400	3029	38200	7.30 x 10 ⁶	0.947	0.154	125	0.0110	0.0119	W13	
N3029ZC280	2800	3029	38200	7.30 x 10 ⁶	0.947	0.154	125	0.0110	0.0119	W13	
N3029ZD240	2400	3029	38200	7.30 x 10 ⁶	0.947	0.154	125	0.0110	0.0119	W46	
N3029ZD280	2800	3029	38200	7.30 x 10 ⁶	0.947	0.154	125	0.0110	0.0119	W46	
N3165HA260	2600	3165	36000	6.48 x 10 ⁶	0.930	0.150	125	0.0105	0.0118	W79	
N3165HA280	2800	3165	36000	6.48 x 10 ⁶	0.930	0.150	125	0.0105	0.0118	W79	
N3175HE160	1600	3175	45500	10.40 x 10 ⁶	0.900	0.110	125	0.0125	0.0138	W80	
N3175HE180	1800	3175	45500	10.40 x 10 ⁶	0.900	0.110	125	0.0125	0.0138	W80	