

## Phase Control Thyristors



### Technical Parameter:

Type	$V_{DRM}/V_{RRM}$	$I_{T(AV)}$	$I_{TSM}$	dv/dt	di/dt	$I_{DRM}/I_{RRM}$	$I_{GT}$	$V_{GT}$	$I_H$	$V_{TM}/I_{TM}$	$V_{TO}$	$r_T$	$R_{th}$	Mounting Force	Outlines
			10ms	25°C						125°C			KN		
	V	A	KA	V/us	A/us	mA	mA	V	mA	V/A	V	mΩ			
Z24KPE	1100-1800	200	2.5	300	100	16	30-200	0.8-2.0	20-150	2.2/600	0.85	1.20	0.095	3.3-5.5	1
Z30KPEA	1100-1800	200	2.5	300	100	30	35-250	0.8-2.0	20-150	2.4/600	0.89	1.10	0.065	5.3-12	28
Z24KPC	400-1000	300	2.5	300	100	16	30-200	0.8-2.0	20-150	2.2/900	0.75	1.00	0.095	3.3-5.5	1
Z30KPE	1100-1800	300	3.8	300	100	30	35-250	0.8-2.5	20-200	2.2/900	0.877	1.02	0.055	5.3-10	2
Z30KPC	400-1000	400	3.8	300	100	30	35-250	0.8-2.5	20-200	2.2/1200	0.70	0.85	0.055	5.3-10	3
Z38KPJ	3100-4500	400	6.4	300	100	50	35-300	0.8-2.5	20-250	3.2/1500	0.85	1.49	0.035	10-20	3
Z38KPE	1100-1800	500	6.4	300	100	40	35-300	0.8-2.5	20-250	2.2/1500	0.85	0.42	0.035	10-20	30
Z40KPEA	1100-1800	500	6.4	300	100	50	35-250	0.8-2.5	20-250	2.4/1500	0.90	0.23	0.035	15-20	4
Z40KPH	1900-3000	500	6.8	500	100	50	40-300	0.8-3.0	20-250	2.4/1500	0.85	0.78	0.032	15-20	3
Z38KPC	400-1000	600	6.4	300	100	40	35-300	0.8-2.5	20-250	1.8/1800	0.85	0.35	0.035	10-20	4
Z40KPC	400-1000	800	10	300	100	50	35-300	0.8-2.5	20-250	1.8/2400	0.91	0.30	0.032	15-20	6
Z40KPE	1100-1800	800	10	300	100	50	40-300	0.8-3.0	20-250	2.2/2400	0.91	0.35	0.032	15-20	5
Z50KPJ	3100-4500	800	11.5	500	100	100	40-300	0.8-3.0	20-250	1.8/1500	1.11	0.77	0.024	19-26	6
Z45KPC	400-1000	1000	13	300	150	60	40-300	0.8-3.0	20-250	1.8/3000	0.88	0.25	0.030	18-25	6
Z45KPE	1100-1800	1000	13	300	150	60	40-300	0.8-3.0	20-250	2.2/2400	0.93	0.29	0.030	18-25	9
Z50KPH	1900-3000	1000	13	500	150	80	40-300	0.8-3.0	20-300	2.4/3000	1.11	0.36	0.024	19-26	6
Z50KPE	1100-1800	1200	15	300	150	80	40-300	0.8-3.0	20-300	2.2/3000	1.11	0.23	0.024	19-26	9
Z65KPJ	3100-4500	1250	16	500	200	120	40-300	0.8-3.0	20-300	2.8/3000	0.91	0.35	0.017	27-34	6
Z50KPC	400-1000	1600	20	300	200	80	40-300	0.8-3.0	20-300	2.8/3000	0.97	0.15	0.024	19-26	8
Z60KPH	1900-3000	1600	20	500	200	120	40-300	0.8-3.0	20-300	2.4/3000	1.20	0.21	0.020	21-30	11
Z76KPJ	3100-4500	1650	20	300	250	200	40-300	0.8-3.0	20-300	2.6/3000	1.15	0.32	0.011	35-47	8
Z60KPE	1100-1800	1800	22.5	300	200	120	40-300	0.8-3.0	20-300	2.2/4000	0.98	0.15	0.020	21-30	9
Z65KPH	1900-3000	1800	22.5	500	200	120	40-300	0.8-3.0	20-300	2.4/4000	0.99	0.19	0.017	27-34	

Z60KPC	400-1000	2000	25	300	200	120	40-300	0.8-3.0	20-300	1.8/4000	0.95	0.12	0.02	27-34	8
Z65KPE	1100-1800	2000	25	300	200	120	40-300	0.8-3.0	20-300	2.2/4000	0.87	0.14	0.017	21-30	9
Z65KPC	400-1000	2500	31	300	250	120	40-300	0.8-3.0	20-300	1.8/5000	0.75	0.11	0.017	27-34	
Z76KPH	1900-3000	2500	31	500	250	200	40-300	0.8-3.0	20-300	2.4/5000	1	0.15	0.011	35-47	11
Z89KPJ	3100-4500	2500	40	500	250	250	40-300	0.8-3.0	20-300	2.6/5000	1.0	0.18	0.009	70-85	12
Z76KPE	1100-1800	3000	38	300	250	200	40-300	0.8-3.0	20-300	2.2/5000	0.84	0.09	0.011	35-47	11
Z76KPC	400-1000	3500	44	300	250	200	40-300	0.8-3.0	20-300	1.8/5000	0.82	0.07	0.011	35-47	
Z89KPH	1900-2600	3500	44	500	250	250	40-300	0.8-3.0	20-300	2.4/5000	0.99	0.11	0.009	70-85	12
Z89KPC	400-1000	4000	55	300	250	250	40-300	0.8-3.0	20-300	1.8/5000	0.88	0.06	0.009	50-85	