

PHASE CONTROL THYRISTORS SÍŤOVÉ TYRISTORY



- ▶ Designed for a wide range of industrial applications.
- ▶ Stud and capsule packages.
- ▶ Possibility of serial and parallel connection.
- ▶ High operational capability.
- ▶ Suitable for controlled rectifiers and AC drives.



- ▶ Jsou navrženy pro široký rozsah průmyslových aplikací.
- ▶ Šroubová i kotoučová pouzdra.
- ▶ Možnost sériového i paralelního řazení.
- ▶ Vysoká provozní spolehlivost.
- ▶ Vhodné pro řízené síťové usměrňovače a střídavé pohony.

$T_{jmin} = -40\text{ °C}$, $T_{jmax} = 125\text{ °C}$

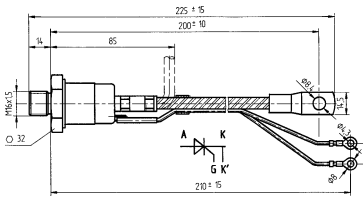
Replace XX in the device code by the required voltage class (V_{DRM} , $V_{RRM}/100$). The voltage range is divided into classes in 200 V steps.
XX v kódu součástky nahradte požadovanou napěťovou třídou (V_{DRM} , $V_{RRM}/100$). Napěťový rozsah je dělen do tříd po 200 V.

Type Typ	V_{RRM} V_{DRM}	I_{TAVm} ($T_c=70\text{ °C}$)	I_{TSM} (T_{jmax} , 10ms)	V_{TO} (T_{jmax})	r_T (T_{jmax})	V_{TM}/I_{TM} ($T_j=25\text{ °C}$)	V_{GT}/I_{GT} ($T_j=25\text{ °C}$)	$(dvo/dt)_{cr}$ (T_{jmax} , 50Hz)	$(di_T/dt)_{cr}$ (T_{jmax} , 50Hz)	$t_q^{1)}$ (T_{jmax})	R_{thjc}	F_m ; M_m ($\pm 10\%$)	Case Pouzdro
	[V]	[A]	[kA]	[V]	[m Ω]	[V/A]	[V/mA]	[V/ μ s]	[A/ μ s]	[μ s]	[K/W]		
T 944-200-XX	800-1400	240	4.5	0.90	0.88	1.47/630	2 /200	1000	200	160	0.150	35 Nm	OK32
TV 944-125-XX	1600-2000	149	2	1.00	2	1.68/390	3/200	1000	100	200	0.200	35 Nm	OK32
T 949-250-XX	1000-1600	309	3.6	0.917	1.345	1.78/785	2/200	1000	100	160	0.085	5 kN	P20
T 949-320-XX	1000-1600	390	5.2	0.91	0.85	1.75/1000	2/200	1000	200	160	0.072	5 kN	P20
T 949-390-XX	800-1200	463	5.5	0.940	0.640	1.65/1225	2/200	1000	200	180	0.072	5 kN	P20
T 955-200-XX	1000-1400	289	4	1.080	0.820	1.53/630	3/300	1000	200	150	0.100	50 kN	OK41
T 955-250-XX	1000-1400	320	4.6	1.05	0.61	1.51/785	3/300	1000	200	200	0.100	50 Nm	OK41
TV 955-200-XX	1600-2000	290	3.7	1.04	1.06	1.59/630	3/300	1000	100	250	0.100	50 Nm	OK41
T 956-400-XX	1000-1400	570	5.6	0.96	0.46	1.53/1260	3/300	1000	200	200	0.056	7 kN	P30
TV 956-320-XX	1600-2000	448	4.4	1.10	0.89	1.82/1005	3/300	1000	100	250	0.056	7 kN	P30
T 967-800-XX	1000-1400	993	10	0.95	0.25	1.60/2510	2.5/250	1000	200	300	0.034	15 kN	P40
TV 967-400-XX	2800-3200	532	7	1.30	1.06	2.27/1260	2.5/250	1000, 2500	50	700	0.034	15 kN	P40
TV 967-500-XX	2200-3000	629	8	1.07	0.78	2.05/1570	2.5/250	500, 1000	100	800	0.034	15 kN	P40
TV 967-630-XX	1600-2000	724	9	1.08	0.51	2.3/1980	2.5/250	1000	100	500	0.034	15 kN	P40
T 978-2000-XX	1000-1400	1921	23	1.11	0.11	1.78/6280	3/400	1000	200	400	0.016	30 kN	P60
TV 978-1000-XX	2200-3200	1290	14	1.27	0.37	2.16/3160	3/400	1000, 2500	50	800	0.016	30 kN	P60
TV 978-1600-XX	1400-2000	1600	19	1.04	0.23	2.15/5000	3/400	500, 1000	100	500	0.016	30 kN	P60
TV 979-1320-XX	3200-3600	1320	17	1.32	0.34	2.9/4140	2.7/500	1000	100	400	0.012	30 kN	P63

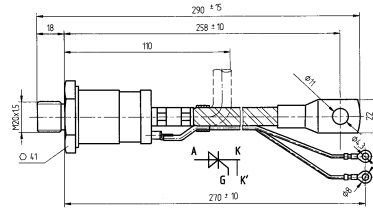
1) typical value / typická hodnota



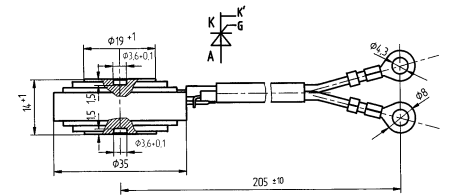
OK32



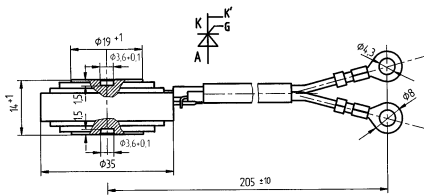
OK41



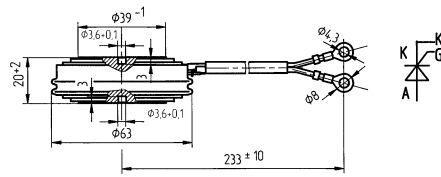
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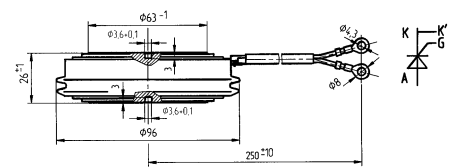
P30



P40



P60



P63

