



Identification of dynamic parameter groups for Phase Control Thyristors (T) and Avalanche Thyristors (TA)

1. GROUPS OF CRITICAL RATE OF RISE OFF-STATE VOLTAGE $(dV_D/dt)_{crit}$

Alpha-numeric coding of the group	0	P3	E3	A3	P2	K2	E2	A2	T1	P1	M1	K1	H1	E1	C1	B1
	0	1	2	3	4	5	6	7	8	-	9	-	-	-	-	-
Value, V/ μ s	not standardized	20	50	100	200	320	500	1000	1600	2000	2500	3200	4000	5000	6300	8000

2. GROUPS OF TURN-OFF TIME t_q

Alpha-numeric coding of the group	0	B2	C2	E2	H2	K2	M2	P2	T2	X2	A3	B3	C3	E3	H3
	0	-	-	1	-	-	2	-	3	-	4	-	5	-	-
Value, μ s	not standardized	800	630	500	400	320	250	200	160	125	100	80	63*	50*	40*

* – Only for devices with currents less than 100A.

It is allowed to mark groups of devices with a numeric code or a combination of numeric and alphanumeric code.