



Identification of dynamic parameter groups for Fast Thyristors (TF) and Fast Impulse (Fast Switching) Thyristors (TFI)

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	C3	E3	H3	K3	M3	P3	T3	X3	A4	B4	C4	E4	K4	P4	X4	B5	E5
	0	1	2	3	4	5	6	7	8	-	9	-	-	-	-	-	-	-
Value, μ s	not standardized	63	50	40	32	25	20	16	12.5	10	8	6.3	5	3.2	2	1.25	0.8	0.5

3. GROUPS OF TURN-ON TIME t_{gt}

Alpha-numeric coding of the group	0	T3	A4	B4	C4	H4	K4	M4	P4	T4	X4	A5	C5	H5	M5	T5	A6	B6
	0	-	-	-	-	1	2	3	4	5	6	7	8	-	-	-	-	-
Value, μ s	not standardized	16	10	8	6.3	4	3.2	2.5	2.0	1.6	1.25	1.0	0.63	0.4	0.25	0.16	0.1	0.08

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