

Phase control thyristor modules

Type	V_{DRM} V_{RRM} $V_{DSM} = V_{DRM}$ $V_{RSM} = V_{RRM} + 100 V$ V	I_{TRMSM}	I_{TSM} 10 ms. $t_{vj\ max}$	$\int i^2 dt$ 10 ms. $t_{vj\ max}$	I_{TAVM}/t_C 180°el sin. A/°C	$V_{(TO)}$ $t_{vj} =$ $t_{vj\ max}$	r_T $t_{vj} =$ $t_{vj\ max}$	$(di/dt)_{cr}$ DIN IEC 747-6	t_q typ.	$(dv/dt)_{cr}$ DIN IEC 747-6	R_{thJC} 180°el sin. °C/W	R_{thCK} °C/W	$t_{vj\ max}$ °C	Outline
------	-----------------------------------------------------------------------------------	-------------	--------------------------------------	------------------------------------------	------------------------------------------	-------------------------------------------	--------------------------------------	------------------------------------	---------------	------------------------------------	--------------------------------------	--------------------	---------------------	---------

Modules with compression bonding

TT 60 N TD 60 N DT 60 N	600 1200	800 1400	1000 1600	120	1400	9800	76/68 60/85	0,8	3,4	150	120	F = 1000	0,52	0,16	125	49
TT 61 N TD 61 N DT 61 N	600 1200	800 1400	1000 1600	120	1400	9800	76/68 60/85	0,8	3,4	150	120	F = 1000	0,52	0,16	125	50
◆ ▲ TT 70 N	1600 2200	1800	2000	150	1150	6610	96/57 70/85	1	4,5	100	300	C = 500 F = 1000	0,37	0,08	130	51
TT 75 N TD 75 N DT 75 N	600 1200	800 1400	1000	150	1700	14400	95/70 75/85	0,85	2,6	150	180	F = 1000	0,39	0,1	125	49
TT 92 N TD 92 N DT 92 N	600 1200	800 1400	1000 1600	160	1800	16200	104/76 92/85	0,85	2,15	150	150	F = 1000	0,37	0,1	130	50
TT 95 N TD 95 N DT 95 N	600 1200	800 1400	1000	150	1700	14400	95/85	0,85	2,6	150	200	F = 1000	0,39	0,1	140	49
TT 104 N TD 104 N DT 104 N	600 1200	800 1400	1000	160	1800	16200	104/85	0,85	2,15	150	150	F = 1000	0,37	0,1	140	50
TT 106 N TD 106 N DT 106 N	600 1200 1800	800 1400	1000 1600	180	2000	20000	115/78 106/85	0,9	2,6	150	150	F = 1000	0,33	0,08	140	51
TT 121 N TD 121 N DT 121 N	1000 1600	1200 1800	1400	200	2350	27600	128/81 121/85	0,85	2	150	180	F = 1000	0,23	0,06	125	52
◆ ▲ TT 122 N	1600 2200	1800	2000	220	2950	43500	140/76 122/85	1	2,15	100	300	C = 500 F = 1000	0,2	0,06	125	53
TT 131 N TD 131 N DT 131 N	600 1200	800 1400	1000	220	3200	51200	140/81 131/85	0,85	1,5	150	180	F = 1000	0,23	0,06	125	52
TT 142 N TD 142 N DT 142 N	600 1200	800 1400	1000 1600	230	4100	84000	142/85	0,9	1,1	150	200	F = 1000	0,22	0,06	125	53
▲ TT 150 N TD 150 N DT 150 N	1800 2400	2000 2600	2200	350	4000	80000	223/54 150/85	1,2	2,3	60	300	C = 500 F = 1000	0,13	0,04	125	54
TT 162 N TD 162 N DT 162 N	600 1200	800 1400	1000 1600	260	4400	97000	162/85	0,85	0,95	150	200	F = 1000	0,20	0,06	125	53
TT 170 N TD 170 N DT 170 N	600 1200	800 1400	1000 1600	350	4600	106000	223/68 170/85	0,95	1,0	150	250	F = 1000	0,17	0,04	125	54
TT 210 N TD 210 N DT 210 N	600 1200 1800	800 1400	1000 1600	410	5800	168000	261/73 210/85	1	0,85	150	250	F = 1000	0,13	0,04	125	54
◆ ▲ TT 215 N	1800	2000	2200	410	6300	198000	261/73 215/85	0,95	0,92	100	300	C = 500 F = 1000	0,13	0,04	125	54
TT 250 N TD 250 N DT 250 N	600 1200 1800	800 1400	1000 1600	410	7000	245000	261/82 250/85	0,8	0,7	150	250	F = 1000	0,13	0,04	125	54
TT 251 N TD 251 N DT 251 N	600 1200 1800	800 1400	1000 1600	410	8000	320000	261/82 250/85	0,8	0,7	250	250	F = 1000	0,13	0,04	125	54
TT 265 N TD 265 N DT 265 N	200	400	600	450	5500	151000	286/79 265/85	0,8	0,65	200	200	F = 1000	0,17	0,04	140	54
▲ TT 310 N ▲ TD 310 N ▲ DT 310 N	2000 2600	2200	2400	700	9000	405000	445/58 310/85	1	0,86	120	300	C = 500	0,078	0,02	125	57
▲ TT 425 N ▲ TD 425 N ▲ DT 425 N	600 1200	800 1400	1000 1600	800	12500	781000	510/74 425/85	0,9	0,3	120	250	F = 1000	0,078	0,02	125	57
▲ TT 430 N ▲ TD 430 N ▲ DT 430 N	1800	2000	2200	800	11500	661000	510/75 430/85	0,95	0,45	150	300	C = 500 F = 1000	0,065	0,02	125	57
▲ TT 500 N ▲ TD 500 N ▲ DT 500 N	600 1200	800 1400	1000 1600	900	14500	1051000	573/77 500/85	0,9	0,27	200	250	F = 1000	0,065	0,02	125	57
TZ 310 N	2000 2600	2200	2400	700	9000	405000	445/58 310/85	1	0,86	120	300	C = 500 F = 1000	0,078	0,02	125	55
TZ 425 N	600 1200	800 1400	1000 1600	800	12500	781000	510/74 425/85	0,9	0,3	120	250	F = 1000	0,078	0,02	125	55

Most types of the power module have been **UL**-recognized.

▲ New type/ ◆ preliminary data

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [SCR Modules](#) category:

Click to view products by [Infineon](#) manufacturer:

Other Similar products are found below :

[DT430N22KOF](#) [T1851N60TOH](#) [T420N12TOF](#) [T470N16TOF](#) [T901N36TOF](#) [TD140N18KOF](#) [TD162N16KOF-A](#) [TD330N16AOF](#)
[T300N14TOF](#) [T390N16TOF](#) [T460N24TOF](#) [T590N16TOF](#) [TD180N16KOF](#) [VSKE236/16PBF](#) [T1081N60TOH](#) [TT61N08KOF](#)
[TD430N22KOF](#) [TT162N08KOF](#) [T2001N34TOF](#) [T901N35TOF](#) [T1080N02TOF](#) [T360N22TOF](#) [TZ810N22KOF](#) [T420N18TOF](#)
[T420N14TOF](#) [TD305N16KOF](#) [T740N26TOF](#) [T360N24TOF](#) [T430N16TOF](#) [T300N16TOF](#) [TD520N22KOF](#) [TT305N16KOF](#) [TT270N16KOF](#)
[TT190N16SOF](#) [TD600N16KOF](#) [T740N22TOF](#) [T640N12TOF](#) [T470N12TOF](#) [T360N26TOF](#) [NTE5728](#) [ETZ1100N16P70HPSA1](#)
[T430N18TOF](#) [TD700N22KOFHPSA1](#) [T3441N52TOH](#) [T2851N48TOH](#) [TD820N16KOFHPSA1](#) [MCD501-16IO2](#) [MCD501-18IO2](#) [SK 100](#)
[KQ 12](#) [SK 45](#) [UT 16](#)