

Phase control thyristor modules

EUPEC 49E D 3403297 0000114 TTS UPEC F2301

Type	V _{DRM} V _{RRM}	I _{TRMSM}	I _{TSM} 10 ms, t _{vj max}	/i ² dt 10 ms, t _{vj max}	I _{TAVM} /t _c 180°el sin.	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.	R _{thCK}	t _{vj max} °C	Outline
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Modules with soldered contacts

TT 18 N TD 18 N DT 18 N	600 800 1000 1200 1400 1600	40	350	610	25/60 18/85	1,1	16	100	50	F = 1000	1,2	0,2	125	45
TT 25 N TD 25 N DT 25 N	600 800 1000 1200 1400 1600	50	510	1300	32/69 25/85	1,05	11	100	60	F = 1000	0,92	0,2	125	45
TT 31 N TD 31 N DT 31 N	600 800 1000 1200 1400 1600	75	680	2300	48/50 31/85	0,95	6,4	100	60	F = 1000	0,92	0,2	125	45
TT 36 N TD 36 N DT 36 N	600 800 1000 1200 1400 1600	80	850	3600	51/60 36/85	1	6,2	120	60	F = 1000	0,72	0,16	125	45
TT 46 N TD 46 N DT 46 N	600 800 1000 1200 1400 1600	100	1000	5000	64/61 46/85	0,95	4,5	120	60	F = 1000	0,60	0,16	125	45
TT 56 N TD 56 N DT 56 N	600 800 1000 1200 1400 1600	100	1350	9100	64/77 56/85	0,9	3,5	120	80	F = 1000	0,52	0,16	125	45
TT 66 N TD 66 N DT 66 N	600 800 1000 1200 1400 1600	120	1400	9800	77/74 66/85	0,85	3,2	120	80	F = 1000	0,50	0,16	130	45
TT 80 N TD 80 N DT 80 N	600 800 1000 1200 1400 1600	140	2000	20000	87/79 80/85	0,9	2,1	120	120	F = 1000	0,38	0,1	125	46
TT 105 N TD 105 N DT 105 N	600 800 1000 1200 1400 1600	160	2200	24000	105/85	0,85	1,8	120	120	F = 1000	0,33	0,1	130	46

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