

Ultra High Power Light Triggered Thyristors (LTT)

Model	$I_{T(AV)}$ @ $T_C=85$ $^{\circ}C$ 180°el sin A	V_{BO} V	V_{RRM} V	I_{TRMS} A	I^2t @ 10ms & T_{vj} $10^3 A^2 \cdot s$	I_{TSM} @ 10ms & T_{vj} kA	V_{TM} @ T_{vj} V	I_{TM}	V_{TO} @ T_{vj} V	r_T @ T_{vj} mΩ	$(di/dt)_{cr}$ DIN IEC 747-6 A/μs	t_q typ. μs	$(dv/dt)_{cr}$ DIN IEC 747-6 V/μs	$R_{\theta jc}$ 180°el sin $^{\circ}C/W$	T_{vj} $^{\circ}C$
								@ I_{TM} kA							
KL06	550	6500	7000	1200	684	11.7	2.65	1.0	1.30	1.35	300	650	H= 2000	0.0200	120
KL18	1760	7500	7500	3800	8000	40.0	3.00	4.0	1.24	0.44		550		0.0063	
KL26	2560	7500	8000	5600	15700	56.0	2.95	6.0	1.28	0.28		550		0.0046	
KL38	3845	5200	5220	8130	50000	100.0	1.80	6.0	0.92	0.14		550		0.0046	