

# «ALTERNISTORS» bidirectional devices for reactive circuits and frequencies over 60 Hz




«ALTERNISTORS» dispositifs bidirectionnels pour circuits réactifs et fréquences supérieures à 60 Hz

Types	V <sub>DWM</sub> ±  (V)	I <sub>TSM</sub> 20 ms  (A)	I <sub>DM</sub> @ V <sub>DWM</sub>  T <sub>j</sub> = 125°C max (mA)	I <sub>GT</sub> (mA) max				I <sub>H</sub>  typ (mA)	V <sub>TM</sub> / I <sub>TM</sub>		(dv/dt) <sub>c</sub> @ (di/dt) <sub>c</sub>  T <sub>j</sub> = 125°C min (V/μs)	dv/dt @ 67% V <sub>DWM</sub> T <sub>j</sub> = 125°C min (V/μs)	Case
				I	II	III	IV		max (V)	(A)			

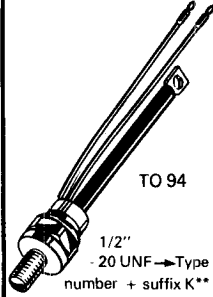
**60 Arms / T<sub>case</sub> = 75°C T<sub>j</sub> = 125°C I<sup>2</sup> t = 1250 A<sup>2</sup> s**

26,7 A/ms 213 A/ms

TGDV 601	100	500	5*	200	200	200	50	2	85	200	10	200	 TO 65 metal 1/4" - 28 UNF
TGDV 602	200												
TGDV 604	400												
TGDV 606	600												
TGDV 608	800												
TGDV 610	1000												
TGDV 612	1200												

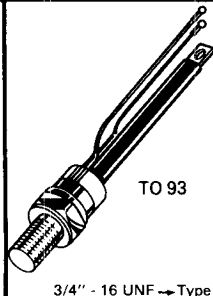
**100 Arms / T<sub>case</sub> = 75°C T<sub>j</sub> = 125°C I<sup>2</sup> t = 4000 A<sup>2</sup> s**

44,4 A/ms 355 A/ms

TKAL 110	100	900	10	200	200	200	200	30	2	150	100	20	100	 TO 94 1/2" - 20 UNF → Type number + suffix K**
TKAL 120	200													
TKAL 140	400													
TKAL 160	600													
TKAL 180	800													
TKAL 1100	1000													
TKAL 1120	1200													

**200 Arms / T<sub>case</sub> = 75°C T<sub>j</sub> = 125°C I<sup>2</sup> t = 20000 A<sup>2</sup> s**

88,8 A/ms 710 A/ms

TKAL 210	100	2000	25	300	300	300	300	50	2	300	100	20	100	 TO 93 3/4" - 16 UNF → Type number + suffix K**
TKAL 220	200													
TKAL 240	400													
TKAL 260	600													
TKAL 280	800													
TKAL 2100	1000													
TKAL 2120	1200													

\* T<sub>j</sub> = 100°C

\*\* For other threads, please consult us  
Nous consulter pour autres filetages