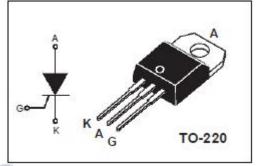


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APPLICATIONS

- It is suitable to fit all modes of control found in applications such as overvoltage crowbar protection,motor control circuits in power tools and kitchen aids,in-rush current limiting circuits,
 capacitive discharge ignition, voltage regulation circuits etc.
- Minimum Lot-to-Lot variations for robust device performance and reliable operation



ABSOLUTE MAXIMUM RATINGS(Ta=25℃)

SYMBOL	PARAMETER		UNIT
V _{DRM}	Repetitive peak off-state voltage	400	V
V _{RRM}	Repetitive peak reverse voltage	400	V
I _{T(RMS)}	RMS on-state current	8	A
I _{TSM}	Surge non-repetitive on-state current @60Hz	90	А
P _{G(AV)}	Average gate power dissipation	0.5	W
Tj	Operating junction temperature	-40~100	°C
T _{stg}	Storage temperature	-40~125	°C

ELECTRICAL CHARACTERISTICS (Tc=25°C unless otherwise specified)

SYMBOL	PARAMETER	CONDITIONS		MIN	МАХ	UNIT
I _{RRM}	Repetitive peak reverse current	V _{RM} =V _{RRM}	T j =25 ℃		0.1	mA
			T j =100 ℃		0.5	
I _{DRM}	Repetitive peak off-state current	V _{DM} =V _{DRM}	Tj =25 ℃		0.1	mA
			T j =100 ℃		0.5	
V _{TM}	On-state voltage	I _™ = 16A;T _C =25℃		1.83	V	
I _{GT}	Gate-trigger current	V _D = 6V; R _L =91 Ω		25	mA	
V _{GT}	Gate-trigger voltage	V _D = 6V; R _L =91 Ω		1.5	V	
R _{th(j-c)}	Thermal resistance	Junction to case		1.8	°C/W	

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NOTICE:

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