

DESCRIPTION:

The JST06A-800B triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. By using an internal ceramic pad, JST06A-800B provides a rated insulation voltage of 2500 VRMS, complying with UL standards (File ref: E252906). Package TO-220A is RoHS compliant.

MAIN FEATURES

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Storage junction temperature range	T_{stg}	-40-150	
Operating junction temperature range	T_j	-40-125	
Repetitive peak off-state voltage ($T_j=25^\circ\text{C}$)	V_{DRM}	800	V
Repetitive peak reverse voltage ($T_j=25^\circ\text{C}$)	V_{RRM}	800	V
RMS on-state current ($T_c 0100^\circ\text{C}$)	$I_{T(RMS)}$	6	A

Non repetitive surge peak on-state current I_{TSM} 17A ($t \leq 10ms$)

ORDERING INFORMATION

J	ST	06	A	-800	B
JieJie Microelectronics Co., Ltd.	Triacs	$I_T(RMS):6A$	A:TO-220A(Ins)	800:V _{DRM} /V _{RRM} 1800V	B:I _{GT1-3} 050mA I _{GT4} 070mA

MARKING

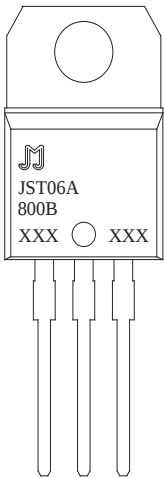
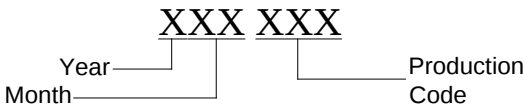
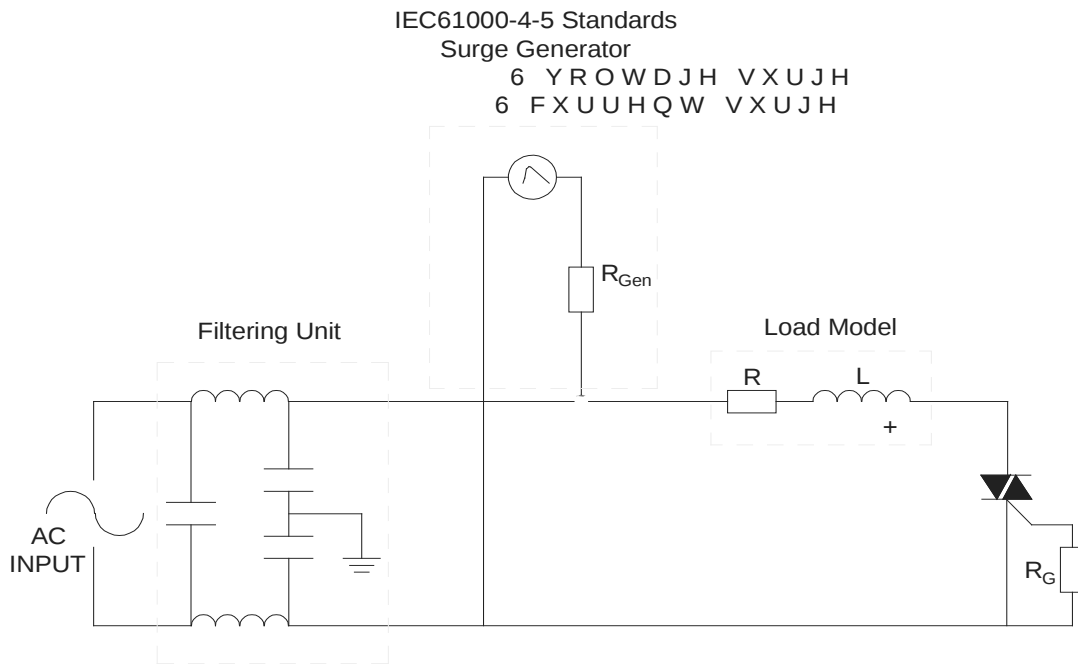
	
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FIG.1: Maximum power dissipation versus RMS on-state current

FIG.2: RMS on-state current versus case temperature

FIG.7 ÖTest circuit for inductive and resistive loads to IEC-61000-4-5 standards



ORDERING INFORMATION

Order code	Voltage V _{DRM} /V _{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	

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