JST24A-600BW 25A TRIAC

Rev.A.1.1

DESCRIPTION:

The JST24A-600BW 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. JST24A-600BW snubberless triac is especially recommended for use on inductive loads. By using an internal ceramic pad, JST24A-600BW provides a rated insulation voltage of 2500 VRMS, complying with UL standards (File ref: E252906).Package TO-220A is RoHS compliant.

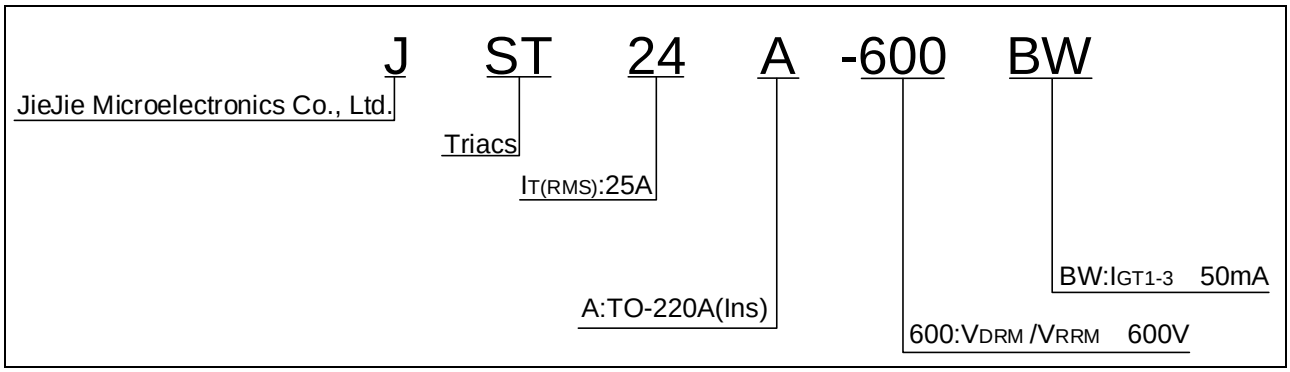
MAIN FEATURES

Average gate power dissipation
Peak gate power
Peak pulse voltage (T_j=25 ; non-repetitive,off-state

ELECTRICAL CHARACTER

Symbol	Test Condition
I_{GT}	V_D =12V R_L =33
V_{GT}	
V_{GD}	V_D =V_{DRM} T_j=125 R_L =3.3k
I_L	I_G=1.2I_{GT}

ORDERING INFORMATION

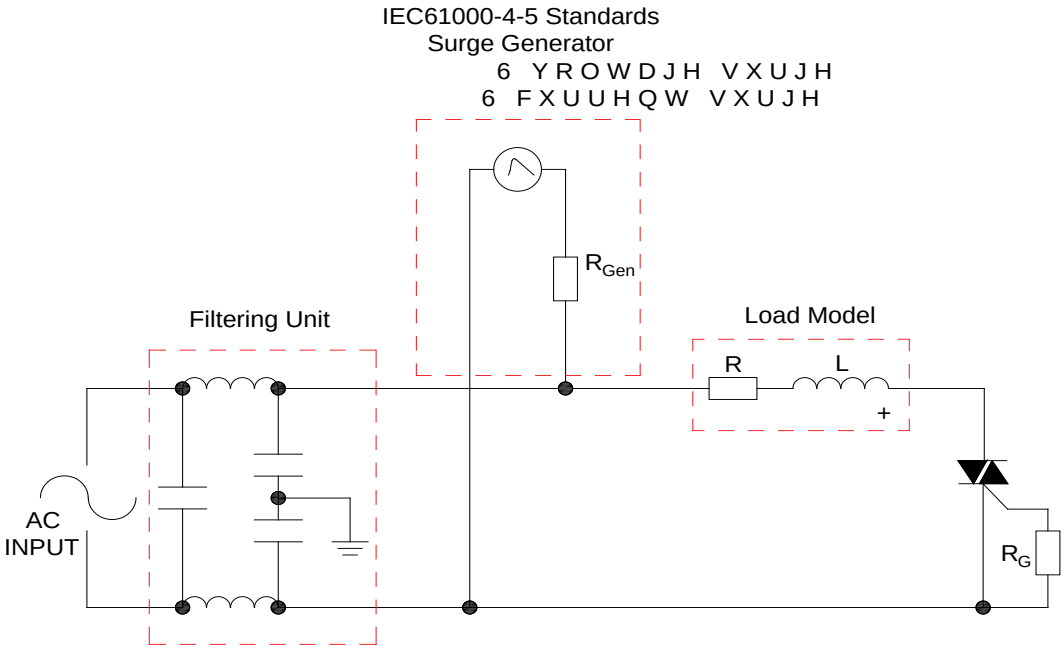


MARKING



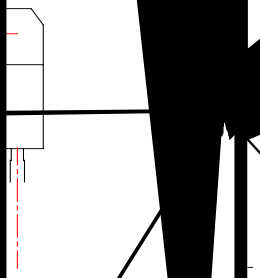
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FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



LEAD FORMING AND SOLDERING

Refer to the application note “Assembly Instructions for Thyristors in Through-hole Package” released by JieJie Microelectronics



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