JCT1231A 30A SCR Rev.A.1.1

## DESCRIPTION:

With high ability to withstand the shock loading of large current, JCT1231A SCR provides high dV/dt rate with strong resistance to electromagnetic interference. It is especially recommended for use onsolid state relay, motorcycle, power charger, T-tools etc. From all three terminals to external heatsink, JCT1231A provides a rated insulation voltage of 2500 VRMS, complying with UL standards (File ref: E252906). Package TO-220A is RoHS compliant.

## MAIN FEATURES

| Symbol | Value | Unit |
|---|---|---|
| $I_{T(RMS)}$ | 30 | A |
| $V_{DRM}$ /$V_{RRM}$ | 1200 | V |
| $I_{GT}$ | ”40 | mA |

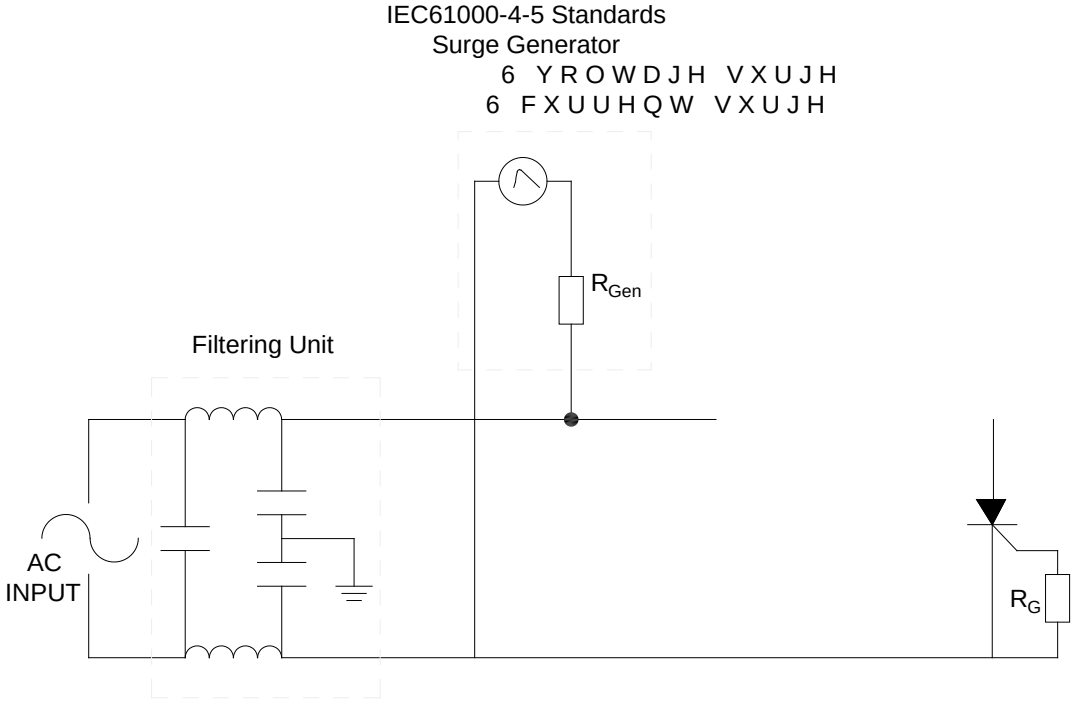
## ABSOLUTE MAXIMUM RATINGS

| Parameter | Symbol | Value | Unit |
|---|---|---|---|
| Storage junction temperature range/ | | | |

## ORDERING INFORMATION

JCT1231A

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



PACKAGE MECHANICAL DATA

