

SSR1/A SAFETY WARNING

RISK OF DEATH

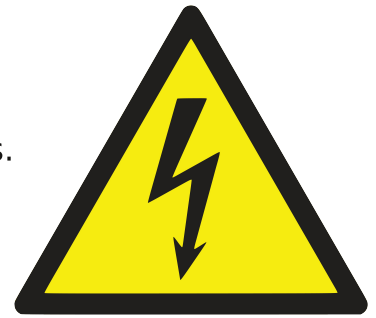
This is not a toy. The circuit contains potentially lethal voltages. Adult Supervision is required at all times.

NEVER touch any part of the circuit when connected to the AC.

ALWAYS keep at least 6mm (1/4") of clearance between AC and any low voltage circuit.

Use a plastic enclosure and, where necessary, plastic fasteners to protect the user from accidental contact with the circuit.

Always use an isolation transformer during testing.



RISK OF FIRE

ALWAYS use a fuse of appropriate rating in series to the circuit for short circuit protection.

ADDITIONAL RECOMMENDATIONS

Heatsink on the TRIACS might be required depending on the load, the duty cycle and the working environment temperature.

ALWAYS use safety rated capacitors in the snubber.

For metal enclosures additional safety requirements must be followed. Enclosure must be grounded and must be at least 6mm from any exposed AC wiring.

FOR EVALUATION USE ONLY

The SSR1/A cannot be used in a product before obtaining the relevant safety and government compliance certifications.

LIABILITY

The user is the sole responsible party to assess the safety of their system as a whole and for any direct or indirect damage to things or people caused by the use of the design.