



VARSI Varistors

ELWET AG
[SELATEC](#) | [ELWET](#) | [TELJET](#)
Electronic and Multimedia Solutions
 Zugerstrasse 22 | CH-6314
 Unterägeri Fon +41 41 766 00 66

[Contact](#) | [Website](#) | [Update](#)

On your disposal for 51 years!

High Energy Varistors



High energy varistors (MOVs) are designed for various applications. VARSi is constantly improving its product offerings and following the standards set by the needs of its customers. VARSi offers the thinnest Type 1 (class I) varistors and high quality Type 2 (class II) varistors with the highest I_{max} capability, on the market.



VARSI is a manufacturer of varistors. On the base of its own knowledge and researches VARSi upgrades the past experiences in the production of high technology ceramics. The company has dedicated itself to total customer satisfaction. Market research - product development – purchase – production – testing & control – sales - environmental protection – these are all the activities incorporated into the company managing.

Gas Discharge Tubes



Gas discharge tubes (GDT) are used for overvoltage protection in low voltage power distribution networks. GDTs are hermetically sealed cells where the gas mixture between two electrodes becomes ionized with a rise in voltage, and some amount of current flow is enabled. Construction of the GDT cell consists of four or five pieces combined into a compact product through manufacturing processes that involve vacuum techniques, noble gasses, clean rooms, material degasification and hermetically sealed joints. High quality GDTs must have the following characteristics: a defined spark, the ability to quickly extinguish arc current, repeatable manufacturing processes, high insulation resistance, and they must be fire safe.

VEA – Varsi Energy Absorbers



VARSI Energy Absorber (VEA) is designed to protect wind turbine generators, inverters, converters and photovoltaic systems. In the case of a sudden (unexpected, uncontrolled) disconnection from the main electrical grid, high voltage/current pulses appear. The energy of such transients can reach up to 20 kJ or higher. Existing standard surge protection devices (SPDs) can only withstand a few kJ, whereas the VARSi Energy Absorber is able to absorb and sustain high energy long transients in a range of much more than 20 kJ. The VEA is also able to withstand more than 1000 of such hits. All the while, the Varsi Energy Absorber also works as an excellent surge protection unit.

Your Advantages



- Top quality products
- Custom tailored products
- Flexibility
- Fast response time
- Attractive lead times
- Challenging prices
- Short design-in period (from samples to the serial production)
- Top skilled engineering & application specialists
- Manufacturing facility in Europe

Varistors with Thermal Disconnection



High energy varistors (MOVs) with thermal disconnection are designed for use in various applications where conventional SPDs fall short of the customer's expectations. VARSi has developed the VTD S40, ED80 series and VSV for end-user applications. All series are available for Type 1 (class I) and Type 2 (class II) applications.

**AUTHORIZED
DISTRIBUTOR**