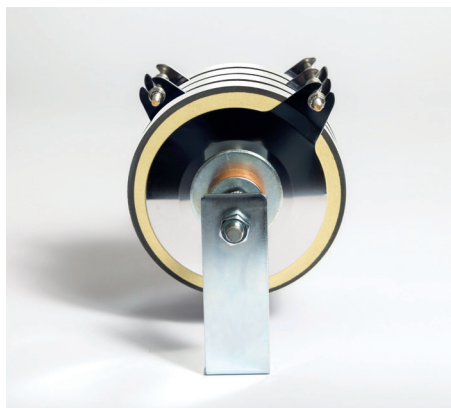
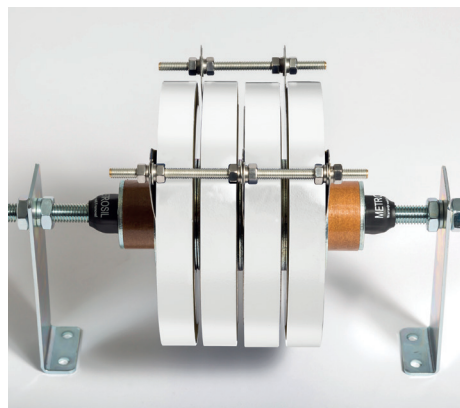


## METROSIL 4000 SERIES

### Metrosil's modular varistor design for smaller power generators.

The Metrosil 4000 Series is the most economical design from our range of de-excitation varistors. Specifically designed for the low de-excitation energy market, the 4000 Series is the perfect solution for smaller hydro generators.

The modularity of the 4000 Series enables users to design their own varistor solution. Furthermore, each assembly is uniquely tested to 100% of its full rated specification with our High Energy Test Laboratory (HETL). HETL enables us to guarantee that our exciter discharge resistors are performance-ready prior to installation.



The product images shown are for illustration purposes only and may not be an exact representation of the product.

### **METROSIL** 4000 SERIES FEATURES:

- Economical design
- Ideal for smaller projects
- Modular design for customisation
- All assemblies tested to 100% of full specification - guaranteed
- Performance assured

### **METROSIL** 4000 SERIES BENEFITS:

- Simple to order
- Energy performance certificate available as optional extra
- Faster discharge than linear resistors
- Voltage limiting
- 80 years of manufacturing excellence behind every unit

# 4000 SERIES CONFIGURATION TABLE

## How to Order:

Firstly, check the voltage limit and permissible current and energy ratings for the application in question. Then, cross reference the configuration table below to find out which specification and how many assemblies\* are necessary to protect the application against overvoltages.

Assembly Specification	No. of Parallel Assemblies	Limit Voltage (V)	Current (A)	Energy (kJ)
4066	1	800	1000	300
	2	800	2000	600
	3	800	3000	900
4067	1	1000	1000	300
	2	1000	2000	600
	3	1000	3000	900
4068	1	1200	1000	300
	2	1200	2000	600
	3	1200	3000	900

\* It is not permissible to connect more than three assemblies in parallel. Connecting more than three 4000 Series assemblies in parallel will invalidate the product warranty.

## Order Example:

If an application requires the 4000 Series to limit voltage to 850V whilst withstanding up to 1700A and absorbing 800kJ, according to the configuration table, the customer should order 3 x 4066 assemblies.

[metrosil.com](http://metrosil.com)

For further information regarding the 4000 Series, please contact the Metrosil team via the contact details below:

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