



Want to avoid remaining in the dark?  
ENERGY1 takes immediate action in case of power overload!

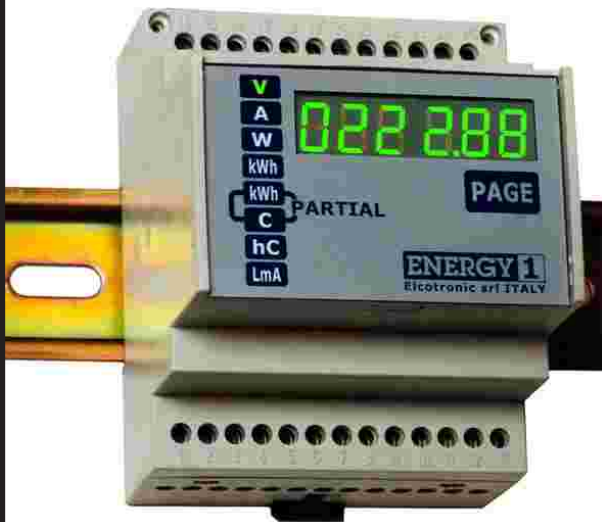
Want to know how much you spend?  
ENERGY1 gives you directly the cost !

Risk of leakage?  
ENERGY1 detects it and warns you!

# MONITOR YOUR CONSUMPTIONS!

# LESS RISK, MORE SAVING!

**ENERGY 1**  
SINGLE PHASE  
ELECTRIC  
ENERGY  
ANALYZER



Thanks to its technical and operating features, Energy1 improves your energy efficiency. Its compact version to be mounted on a 4-module DIN rail can be easily arranged in any electric board. It is easy to read thanks to a green-led LCD panel and easy to use: it displays all the electric system parameters (Volt, Amp, Watt, kWh) and shows the instant and total cost of the energy being consumed in Euro with the push of a button. It also offers the possibility of programming one or two different alarms with a relay output and setpoints on any parameter at choice.

The most complete version includes leakage measurement and PC connection.

Every thermal switch in a modular electric board is connected to an electric line which leads power to the various areas of your house and, as shown in the example, two different lines are provided for sockets and light.

Thanks to its modularity and ease of installation ENERGY1 offers full control over energy consumptions by displaying costs and safeguarding against any power failure caused by more household appliances working simultaneously. In such cases, ENERGY1 can solve the problem by simply arranging a line of non-priority loads and a switch connected to the instrument alarm output.

### DISPLAY ALARM

Voltage	0 - 260 Vac	istant value	YES
Current	0 - 32 Amp	istant value	YES
Absorption	0 - 6000 Watt	istant value	YES
Total consumption	0 - 999999 kWh	total	YES
Partial consumption	0 - 9999.99 kWh	resettable	YES
Partial cost	0 - 9999 Euro	resettable	YES
Instant cost	0 - 99.99 Euro	istant value	YES
Leakage	0 - 300 mA	istant value	YES

### MODEL

ENERGY1 VIS	visualization
ENERGY1 AL1	visualization + 1 alarm relay
ENERGY1 AL2	visualization + 2 alarm relays

### OPTIONAL

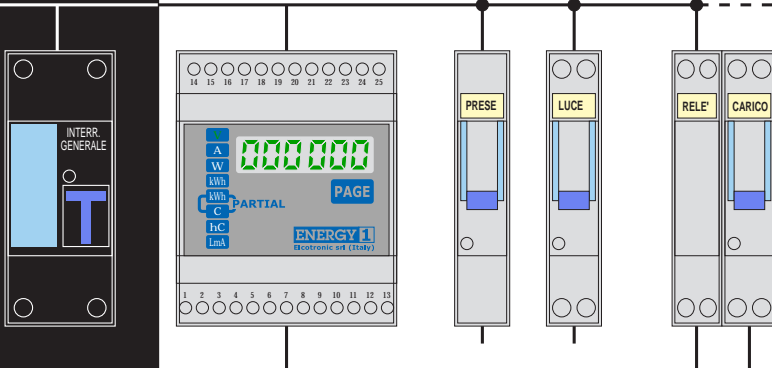
Leakage	ground leakage measure
RS232 o RS485	serial output for PC connection

Examples of use:

- TOURIST CAMPS
- TOURIST VILLAGES - RESIDENCE
- TOURISTIC PORTS - DOCKS

Wherever it is necessary to know the cost of energy consumptions, for example where energy is delivered based on pre-paid cards.

- AUTOMATIC MACHINES - INDUSTRIES - OFFICES
- For a proper management of cost centers.



Before the max contractual power (e.g. 3kW) is exceeded, Energy1 will turn off the loads connected to the secondary electric line, while the other appliances will go on working regularly.

