

## INTRODUCTION

**'energia'** module manages excess of total system power consumption of electrical loads. Its critical when simultaneous switching ON of overloaded circuit occur.

It takes action before the Residual Current Device (RCD) switches off the power because of overloaded circuits.



**energia** module monitors the total system power consumption continuously: if a threshold is set, an automatic disconnection of overloaded circuit will start, until the total system power consumption returns below the set threshold value.

**energia** module measures the consumption on two distinct power lines, Each line can support electrical loads up to 6KW.

**energia** module is linked to the lares 4.0 control panel via the KS-BUS. It becomes the ideal device when lares 4.0 is used in the home & building automation field.

When the module detects an excess of total system power consumption, it disconnects in sequence the overloaded circuits, connected to the lares 4.0 configurable outputs, until the power consumption returns below the set limit.

Furthermore, on the module there are 4 outputs relays (220V, 1A) which can be used both to drive external relays for overloaded circuits disconnection and as general outputs of the control unit.

The End-User through energia module can always monitor the total system power consumption **via any mobile device, using the dedicated APP lares 4.0.**

energia module is supplied with a plastic box that occupies 3 DIN modules.

# SMART HOME MANAGING APP

**lares 4.0** is an APP which permits the users to always safely monitor homes, offices or industries. A single APP allows users to monitor and control all the Security aspects (Intrusion, Video Surveillance, Access Control) and simultaneously manage Home Automation or BMS (Building Management System).

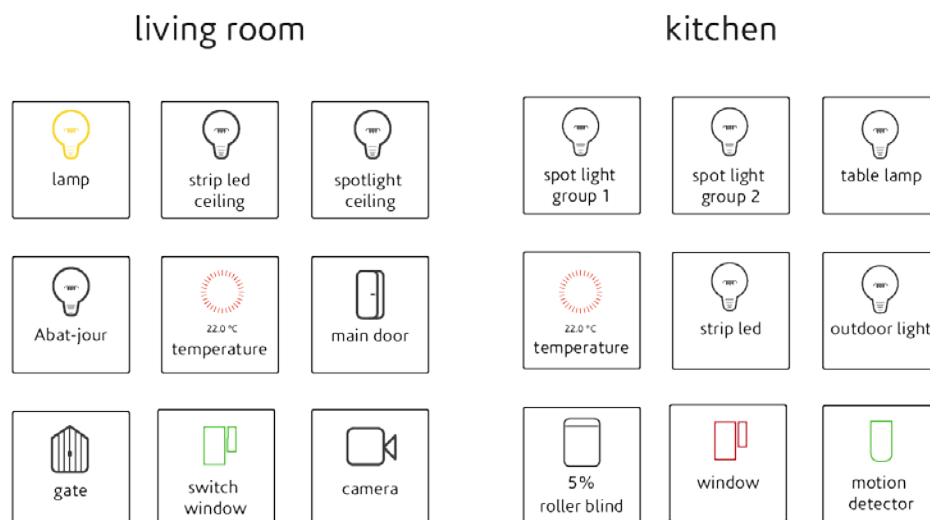
## MAXIMUM FREEDOM AND CREATIVITY

For the first time the user can choose and handle the desired domotic scenario, manage the push notifications, set-up his favorite elements and theme, avoiding the intervention of the installer !



## COHERENT VISUALIZATION OF THE PHYSICAL INSTALLATION

For each device installed at home corresponds a virtual card in the APP. Each group of devices is associated with their virtual room. Thanks to the organization of the "room" menu, associate the card with the referred device is extremely intuitive!



# SPECIFICATIONS

## MAIN FEATURES

- Maximum power: 2x6kW
- 4 relays outputs: 250 V / 1 Amp
- KS-BUS Interface
- Dimensions: 90×53x62 mm

## why energia

- because it allows the monitoring of the system power consumption on two distinct power lines, up to 6kW for each line;
- because the automatic disconnection of overloads circuits can be set when the configured threshold of power supply exceeds;
- because it is provided with 4 free configurable outputs relays;
- because it can be linked to the control panel via the KS-BUS, quickly and easily.

## ENVIRONMENTAL CARE

energia has been specifically designed and manufactured for the environment as follows:

- Halogen free laminates and lead-free PCB Assembly
- Low consumption
- Arsenic-free glass
- Recycled fibers and materials for packaging



## ORDERING CODE

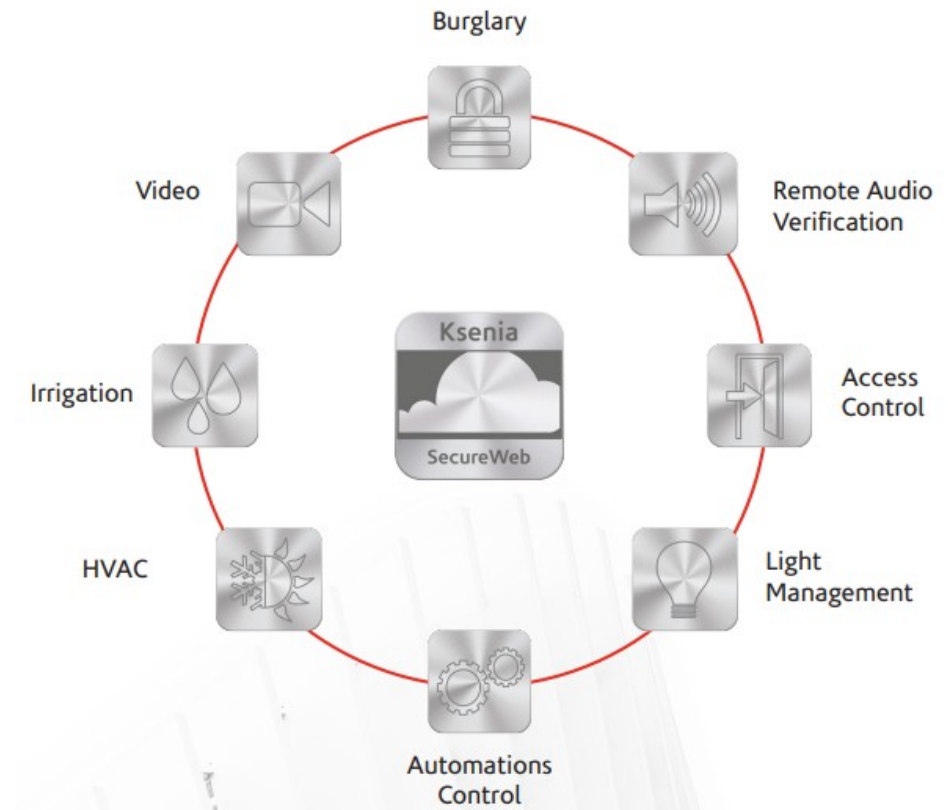
- KSI2700001.300 - energia module

## PARTS INCLUDED

- 1 energia module
- 1 Installation guide

## COMPLIANCE

- CE



We are Authorized Distributor of Ksenia Security Srl, Italy ([www.kseniasecurity.com](http://www.kseniasecurity.com))

CSG Networks Pvt. Ltd. 109-110, HUDA Industrial Area Sector-59 Faridabad, Haryana-121004 INDIA  
E-mail: [sales@csgnets.com](mailto:sales@csgnets.com), Website: [www.csgnets.com](http://www.csgnets.com)