

Energy saving Devices



INTELLIGENT ENERGY SAVING DEVICE



The TESA intelligent energy saving device controls and manages the electric installation of the room. It allows switching on the electricity in the room after inserting a valid card and during the time that the card is in the energy saving device. It runs with hotel cards and it can distinguish among cards of different guests, apart from the staff cards. Possibility to use different technologies: Magnetic stripe or RFID proximity technology under ISO 14443A **mifare** standards.

It is managed with the same cards the guest uses to accede to the rooms. It has two independent relays that can endure 12Amp (each one). It replaces any key, or switch that is already installed, and allows having different series of room management options.

- **Energy saving:** It reduces the electricity consumption in occupied rooms and it assures that there is no electricity consumption when the room is empty.
- **Comfort:** Luminous LED point for an easier insertion of the card in the darkness; when the guest leaves the room and removes the card, electricity is automatically switched off.
- **Timing:** it allows a "courtesy time" from the moment the guest removes the card. Optionally without timing.

SIMPLE ENERGY SAVING DEVICE



The TESA simple energy saving device is managed with the same cards that are used for the rooms, safes, etc.

At the same time, it has a relay that endures 12Amp, replacing any key or switch.

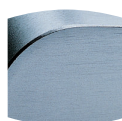
The simple energy saving device allows switching on the energy in the room after inserting the card and during the time that the card is in the energy saving device. When the guest removes the card, the courtesy time activates. After that courtesy time the energy is switched off. To switch on the energy again it is necessary to reinsert the card. A relay is used to activate the energy.

FINISHING

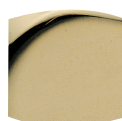
Finishing that allow the combination with any decoration style, either modern or classic.



White



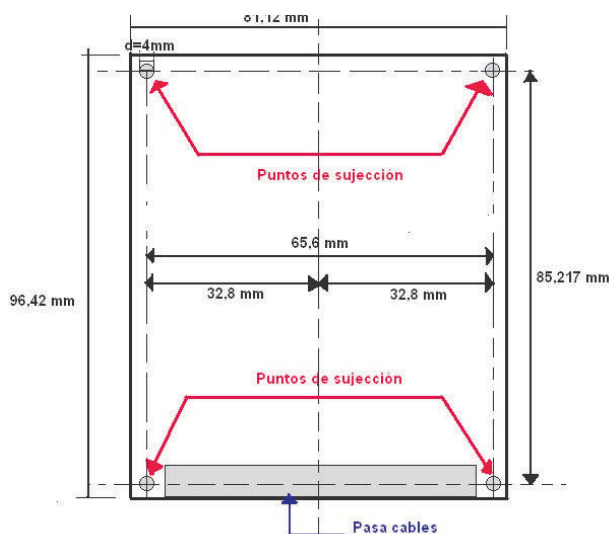
Satin Chrome



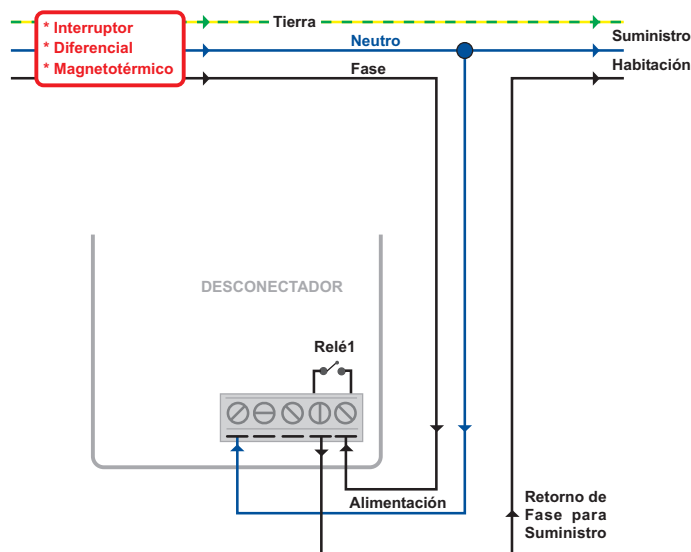
Polished brass



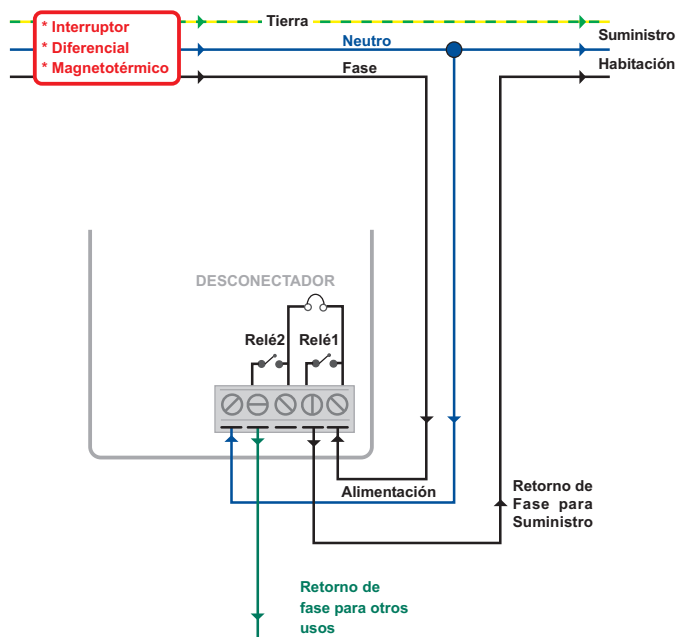
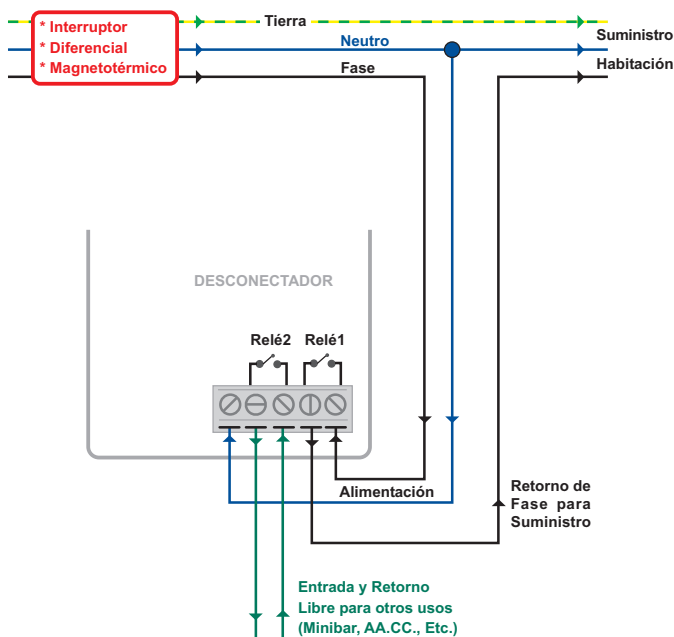
DIMENSIONS



SIMPLE MODEL CONNEXION SKETCH



INTELLIGENT MODEL CONNEXION SKETCH



TECHNICAL FEATURES:

INTELLIGENT ENERGY SAVING DEVICE

- **Supply:** Between 100 and 220 Vca. 10% of tolerance
- **Consumption:** Nominal of 10 mA. Maximum of 20 mA
- **Frecuency:** 50 – 60 Hz.
- **Projecting relays:-** 2 relays. One of them depending on the network phase tension and the other one voltage free.
 - Cutting power: 12A, 250V ~, cos. =1
 - Poder de corte: 8A, 250V ~, cos. =0.6
 - Incandescence max. charge 10A. – halogen max. charge 10A. In case of higher charge or inductive charge, cold light, halogen or electronic fluorescent lamps, it is recommended to install also a “contactor” (not supplied)

Dimensions: high 96,42 mm, width 81,12 mm, bottom 32 mm. Box: anticaloric ABS material

SIMPLE ENERGY SAVING DEVICE

- **Supply:** 20 Vca 10% of tolerance
- **Frecuency:** 50 Hz.
- **Projecting relays:** 1 Relay.
 - Cutting power: 10A, 250V ~, cos. =1
6A, 250V ~, cos. =0.6
 - Incandescence max. charge 8A. – Halogen
max. charge 8A.
 - In case of higher charge or inductive charge,
cold light, halogen or electronic fluorescent
lamps, it is recommended to install also a
"contactor" (not supplied)