

ENERGY SAVING DEVICES MIFARE



INTELLIGENT ENERGY SAVING DEVICE



The new 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. Operate with RFID proximity technology under ISO 14443A **mifare** standards.

It is managed with the same cards the guest uses to access 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. After a concourtesy time.
- **Timing:** it allows a "courtesy time" from the moment the guest removes the card. Optionally without timing.

FINISHING

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



Blanco



Oro



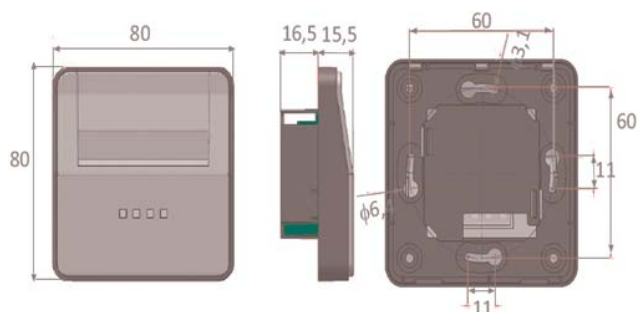
Negro



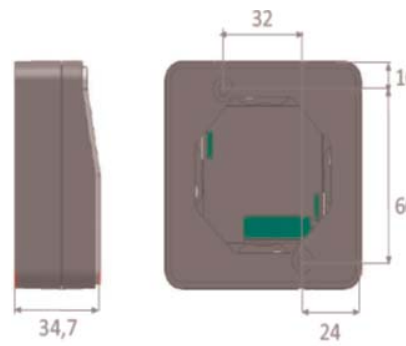
Plata



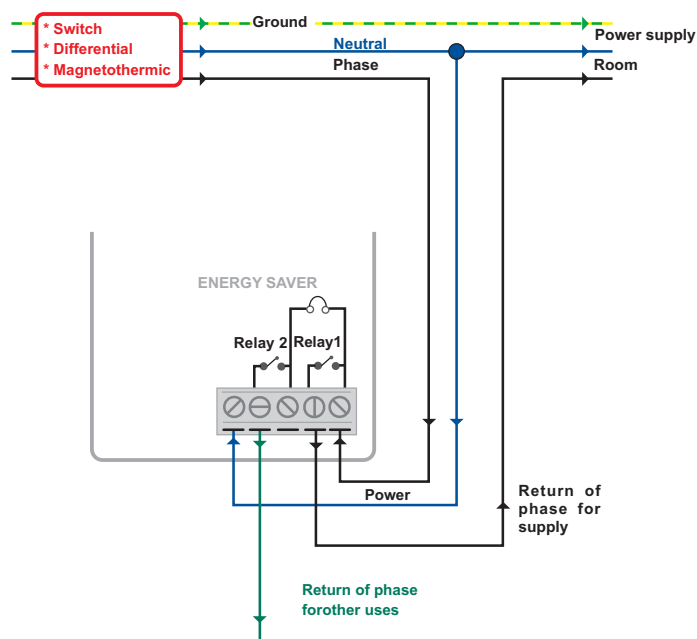
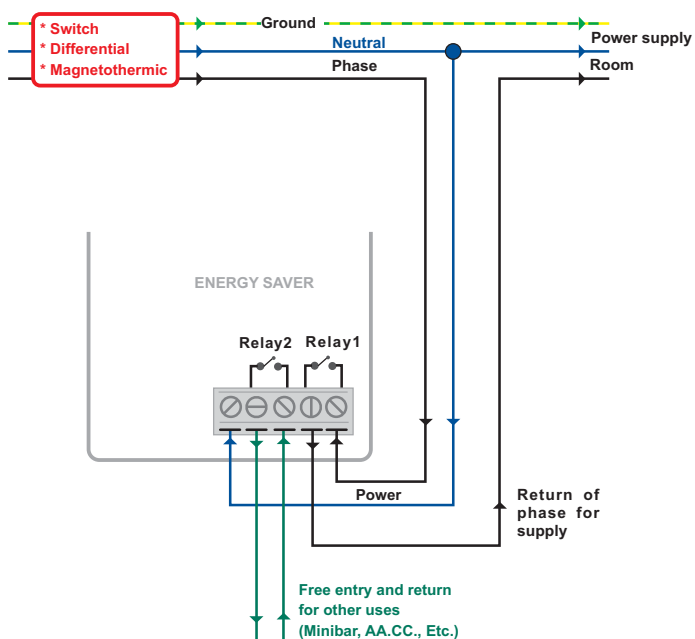
FLUSH MODEL



RIM MODEL



INTELLIGENT MODEL CONNECTION SKETCH



TECHNICAL FEATURES:

INTELLIGENT ENERGY SAVING DEVICE

- **Supply:** Between 110 and 230 Vca. 10% of tolerance
- **Consumption:** Nominal of 30 mA. Maximum of 50 mA (230 vac)
- **Frequency:** 50 – 60 Hz.
- **Projecting relays:** 2 relays. One of them depending on the network phase tension and the other one voltage free.
- Relay 1, Cutting power: 12A, 230V ~, cos. =1
- Relay 2, Cutting power: 8A, 230V ~, 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
- **Illuminate Leds:** 3 pilots of 2 colors (red and green)