

Energy Saving Room Power Key-Card Switch

The energy saving room power key-card switch, into which the guest places his/her hotel card.

Immediately after entering the room. This turns on the electricity in the hotel room or changes the thermostat mode from automatic to manual.

A few seconds after the guest removes the card from the card reader upon leaving the room the electricity in the room is turned off and the air-conditioning system automatically goes into Economy mode.



PESH-0001 Opti-coupler Type Open Card
PESH-0002 Contactless Mifare Smart Card

Benefits of Energy Saving Key-Card Switches

1. Saving in money due to automatic optimization or switching off of air conditioning in the room.
2. Saving in money due to automatic switching off lights.
3. More Safety due to switching off the electrical devices.

Functionality of the Key Card Switches:

1. Connected to the thermostat: once the card is placed in the card holder, the room is heated or cooled to the desired room temperature, set by the guest (Comfort mode). After the guest leaves the room, the air conditioning automatically changes into the energy-saving Economy mode
2. Connected to lighting circuits: once the card is placed in the card holder, the lighting circuits are closed and are not interrupted for some time after the




card is removed from the card holder. Therefore, the guest has enough time to leave the room and the hotel manager does not have to worry about the guests unnecessarily leaving a light on

3. Connected to other power consumers: after removing the card from the card holder, the intelligent room can turn off all unnecessary power consumers (e.g. power outlets in the room and the bathroom). In order not to turn off the devices, which must remain connected to power at all times (mini bar, safe, etc.), these devices must be connected to electrical power supply separately from the card holder.

Technical parameters

Operating Voltage	50/60 Hz, 190-240Vac
Maximum Load Current	30A
Maximum Load Power	6600W
Quiescent Operating Power	1W
Delay Power-Off Time	15 Seconds
Non-Working Condition	Blue Light
Operating Temperature	-10°C~60°C,
Working Humidity	50°C 10-95% RH
Case Material	Fire Retardant PC plastic
Shell Color	White
Service Life	When Relay Contacts 220V in Full Load, Life Expectancy greater than 10Million
Dimensions	86x86x41 mm (WxHxD)
Weight	136gm (Opti-coupler Type) / 142gm (Mifare Type)

Similar Products

Comcode	Product ID	Description	Picture
002570	BCL118MF-SL	RFID Card Cabinet / Locker Lock Silver/Black	
002563	BCL108MF-BZ	RFID Card Cabinet / Locker Lock Bronze	
002569	BCL108MF-GD	RFID Card Cabinet / Locker Lock Golden	
002768	BCL108MF-SL	RFID Card Cabinet / Locker Lock Silver	