

The Rispo system is the ideal solution for stand-alone applications. It easily and functionally satisfies every need in terms of comfort, energy saving and access control. Ideal for small and medium hotels.

COMFORT function

The thermostat permits the control of the temperature inside the room both for the summer period and the winter period. Summer/winter commutation can take place automatically thanks to the water temperature probe, or by way of a manual selector, which is activated if the water probe is not installed or is removed for maintenance. The same probe can be used to control the minimum temperature, preventing the activation of the fan coil when the conditions required for correct operation are not met. The device has a status input to interrupt the conditioning system if the window of the room is left open. Commutation from comfort status, while the room is occupied, to saving status, when the room is free, takes place thanks to the possibility to connect the thermostat to the inside presence reader.

ENERGY SAVING function

The inside presence reader makes the room energy saving function possible, permitting the activation of the electric charges if the guest is inside the room and consequent deactivation if the room is empty. To enable the guest to leave the room easily, the switching off of the electric circuits is delayed. The "Guest Presence" output used for the thermostat is simultaneously available to supply indications to the chip card reader.

ACCESS CONTROL function

The chip card reader performs the access control function. There is an output for the direct control of the electric meeting, and a supplementary output for the timed activation of the courtesy light through an external relay. An input, activated by the inside presence reader, permits knowledge of the room occupied status, to prevent access to the service cards. The reader recognises four card categories (Master, Client, Service, Passe-partout), all of which, apart from the "Master" card, are programmed directly on the device. On the front, the reader bears the indication leds and the button used for programming.



ROOM CONTROL

**1046/010****Timed reader to detect presence inside the room**

The device is a reader to detect a presence inside the room, which bases its operation on a micro switch inside the module, capable of communicating the occupied status of the room to the other devices on the Rispo line.

Features and performance

- ▶ Power supply: 12Vdc
- ▶ Max. absorption of the module: 50mA
- ▶ Room status indication output: 12Vdc @ 20mA
- ▶ 6A 250Vac relay output (with resistive charge)
- ▶ Removable terminals
- ▶ Housing for box 503, multiplate complete with adapters
- ▶ Measurements: 66.45 (W) x 44 (H) x 59.1 (D) mm

**1046/012****Chip card reader inside room**

The device is a card reader based on chip card technology. The introduction of a valid card into the special slot enables the room utilities and services.

Features and performance

- ▶ Power supply: 12Vdc
- ▶ Max. absorption of the module: 25mA
- ▶ Chip card reader format ISO7816
- ▶ Output for room utility control: 12Vdc @ 40mA
- ▶ Room status indication output: 12Vdc @ 20mA
- ▶ Removable terminals
- ▶ Housing for box 503, multiplate complete with adapters
- ▶ Measurements: 66.45 (W) x 44 (H) x 59.1 (D) mm

**1046/022****Chip card reader outside room**

The device is a chip card reader which permits control of access to rooms and access to common areas such as the garage or swimming pool. The strength of this product and of the whole Rispo line is stand-alone operation, i.e.: the possibility to work without a PC; the programming of accesses and the access cards takes place directly on the outside reader.

Features and performance

- ▶ Power supply: 12Vdc
- ▶ Max. absorption of the module: 35mA
- ▶ Chip card reader format ISO7816
- ▶ Guest presence input: 12Vdc @ 10mA
- ▶ Electric meeting control output: 12Vdc 200mA max
- ▶ Tempo di eccitazione incontro elettrico: 5 secondi
- ▶ Courtesy light relay output: 12Vdc @ 40mA
- ▶ Courtesy light relay excitement time: 4 minutes
- ▶ Removable terminals
- ▶ Housing for box 503, multiplate complete with adapters
- ▶ Measurements: 66.45 (W) x 44 (H) x 59.1 (D) mm



1046/025 - White resin



1046/025BK - Black resin

1046/025

Thermostat

The device controls conditioning; it is possible to activate or deactivate the fan coil, select the speed and regulate the temperature.

Features and performance

- ▶ Power supply: 12Vdc
- ▶ Max. absorption of the module: 100mA
- ▶ Fan coil output: 250Vac 4A max
- ▶ Power output for external circuit 12V 400mA max
- ▶ Guest presence input 12Vdc 1mA max
- ▶ Window micro input 12Vdc 1mA max
- ▶ Clock input 12Vac/Vdc 5mA optoinsulated
- ▶ Measurements: 115 (W) x 80 (H) x 40 (D) mm



1046/050

Temperature probe for summer/winter commutation

Used as a supplementary probe to thermostat 1046/025 for the automatic activation of summer/winter commutation.



1047/032

Chip card

For use only with systems where chip card technology is used.
Card format ISO7816.

Pack of 50 cards.



1046/033

Master chip card for programming outside reader

Used to programme the reader 1046/022 of the Rispo system. Card format ISO7816.

Pack of 2 cards.



1046/035

Master chip card for programming inside reader

Used to programme the reader 1046/012 of the Rispo system. Card format ISO7816.

Pack of 2 cards.



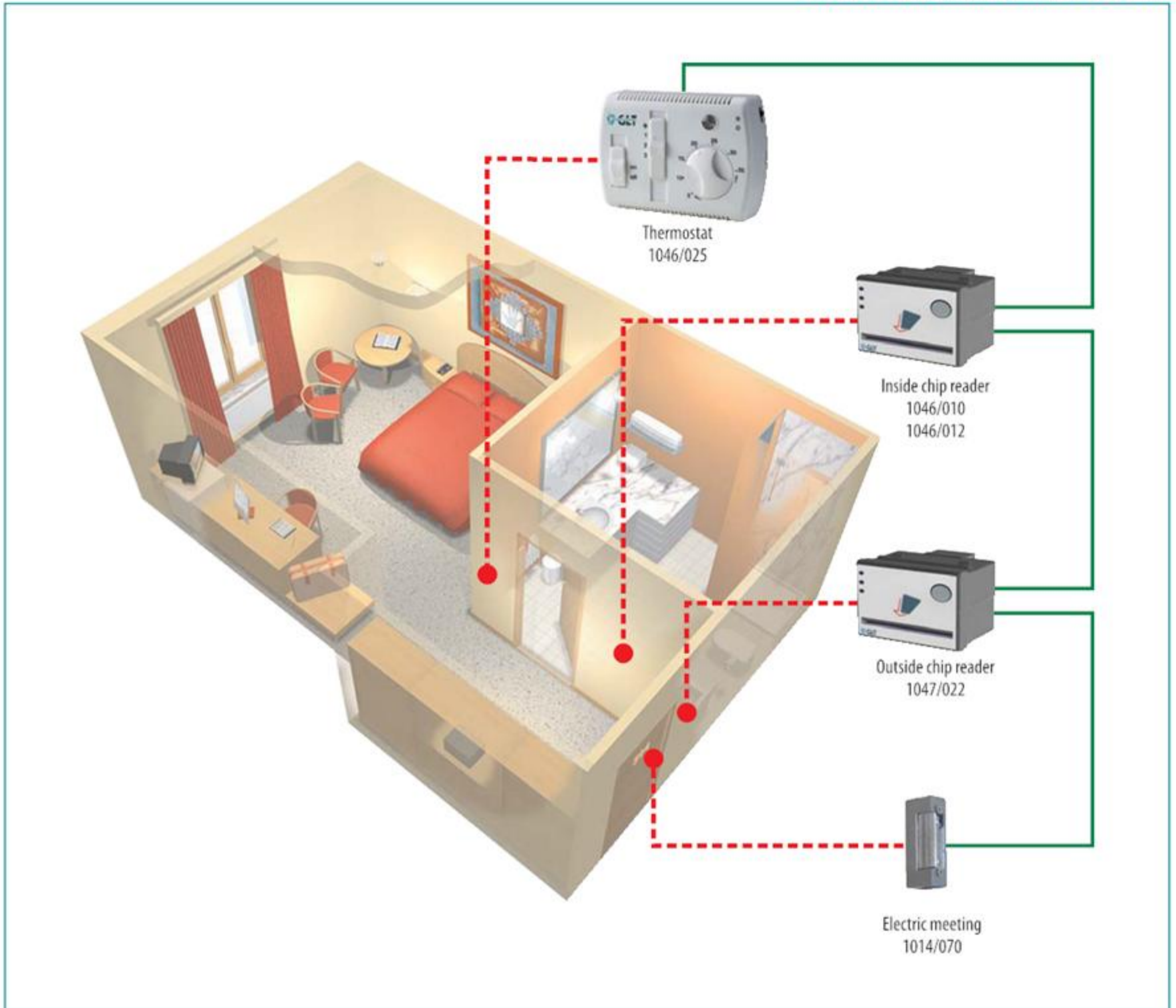
1046/034

Activation card for timed inside reader

Used for the activation of reader 1046/010.

Pack of 2 cards.

APPLICATIVE EXAMPLE – RISPO SYSTEM



rispo