

# Lighting management for a hotel room

Monitor the presence for easier operation and savings

iRTC



## Customer case

For the hotel manager, the need is to ensure customer comfort and to control the energy consumption.

The lighting and electrical equipment other than refrigerators must be switched off when there is no occupant in the room.

## Benefits

- **Comfort:** the electrical equipment is switched off automatically at the end of a time delay which begins when the keycard is removed from its slot. This offers the advantage of being able to cast a last glance in the room before leaving, or being able to retrieve a forgotten object.
- **A simple, economical and trendy solution:** automatic switching off of the room's non-priority circuits allows energy savings and contributes to the green image of the hotel.

## Our recommendation

Using a keycard switch combined with an Acti9 iRTC time delay relay allows the non-indispensable electrical circuits to be switched off after a time delay when the customer leaves his room.

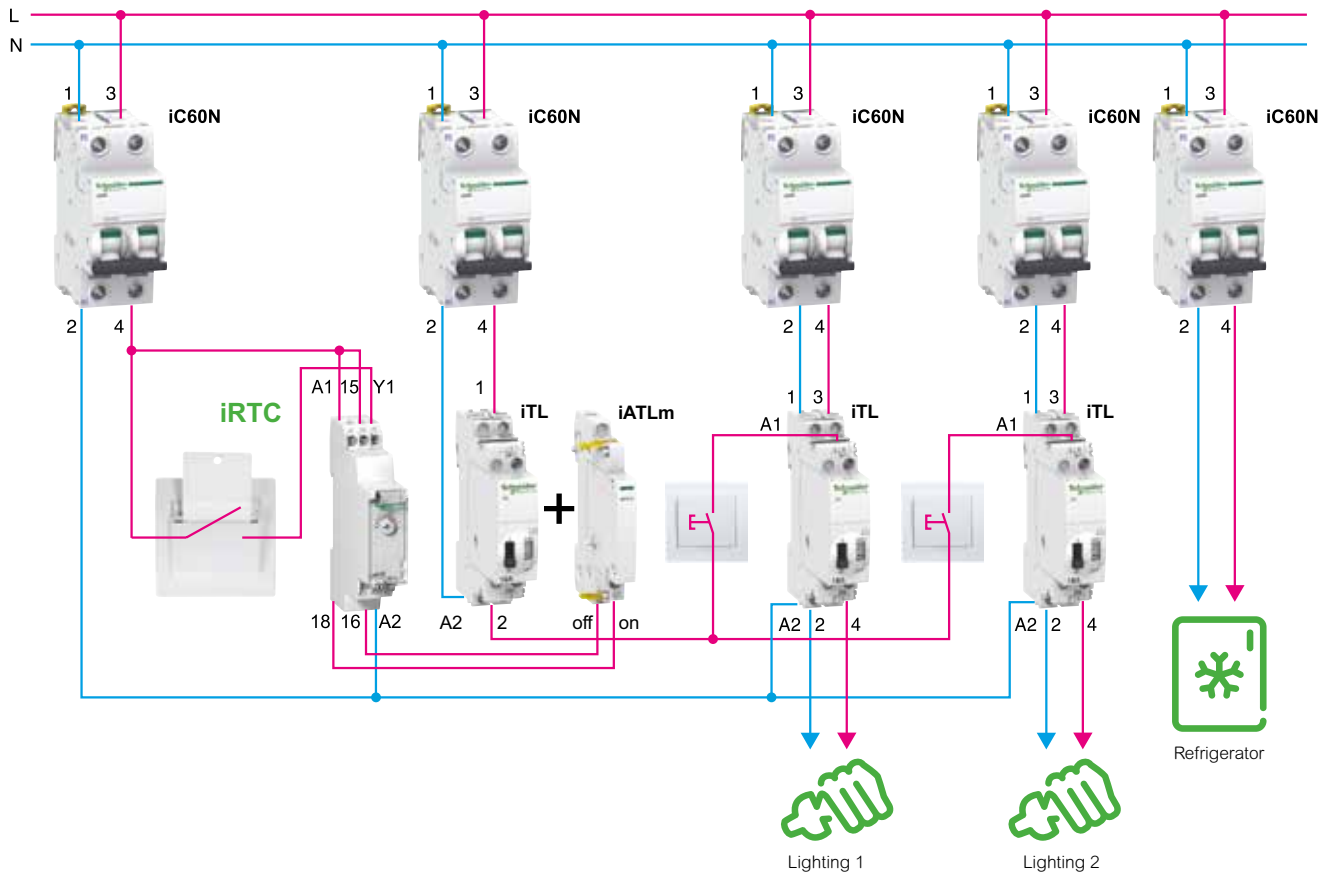
The Acti9 iTL 32 A impulse relay combined with the latched control function (iATLm) switches off all the room's various electrical circuits.

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# Solution Diagram



## Specifications

- The room's lighting and power sockets are activated when the keycard is detected. After removing the keycard, the deactivation takes place after a predetermined time delay.

Products used			
Product	Function	Quantity	Reference
Acti9 iC60N	MCB 1P+N	1	Depend on rating
Acti9 iC60N	MCB 1P+N	4	Depend on rating
Acti9 iRTC	Time delay relay	1	A9E16067
Acti9 iTL	32 A 1P impulse relay	2	A9C30831
Acti9 iTL	16 A 2P impulse relay	1	A9C30812
Acti9 iATLm	Impulse relay auxiliary for latched control	1	A9C15414

More about  
Acti9 iRTC



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