

## Key Card System

# ECB - Energy Control Box

## Gira switch program



Classic 2  
On Door Reader



MagicEye



Wall Reader



Energy Box



Room  
Thermostat



Room Safe



Minibar

The main image features a large, brushed metal ECB Energy Control Box. The central panel is black with a white 'Insert Card' label and a lightbulb icon. Below the panel are two white plastic boxes. The left box contains several Messerschmitt key cards with text like 'Key Card Systems', 'Energy Control', 'Minibars', and 'Room Safes'. The right box contains a large, dark coin. At the bottom left of the main image is the TUV SUD logo and the text 'ISO 9001:2000 Certified'. At the bottom right is the text 'Detailed description see backside' and 'Made in Germany'.

## Key Card Systems

### Description

Energy Control Box (here: from GIRA switch program) provides an optimal and automatic control of the room main switch by guest presence. Guest presence in the room is detected by insert of the card into the card box. By doing this the room energy consumption can be selectively controlled over the main switch and contactor switch, which is provided on site.

The Messerschmitt Energy Control Box is installed in room entrance area to provide immediate card insert for the guest after entering the room. Installation on flush mounting box which is provided on site. Cable of type J-Y (ST) 2x2x0.6 is to be laid from the Energy Control Box to relais switch for signal transmission.

### Function

Energy box controls the energy supply in the room. Energy is supplied to selected room equipment as soon as guest inserts his card into the box.

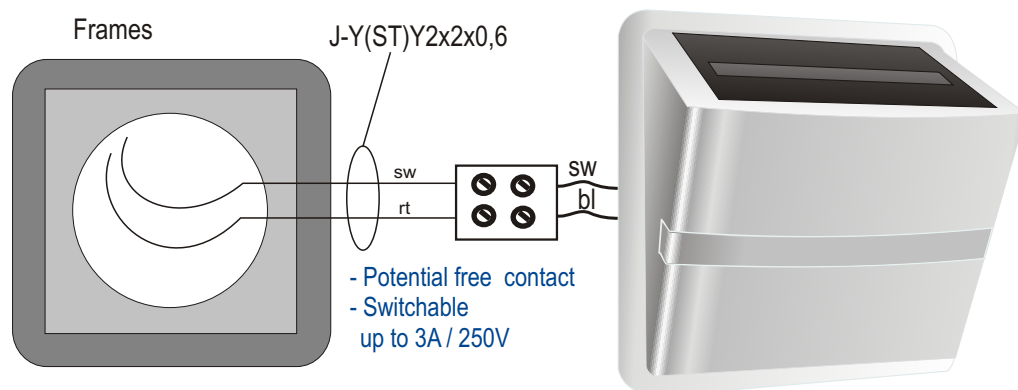
### Services to be provided on site

1. Setting flush mounting box in the wall for the ECB module.

### Delayed switch-off over time relays

2. By using a switch relays, a time relays must be provided on site, so that the light is switched off with delay when guest removes his card when leaving the room.
3. Installing switch relays

### Connection scheme and dimensions



**Note!** Cable type and profile must comply with adjacent voltage.

Dimensions (WxHxD): 80x80x40mm

Errors and omissions reserved