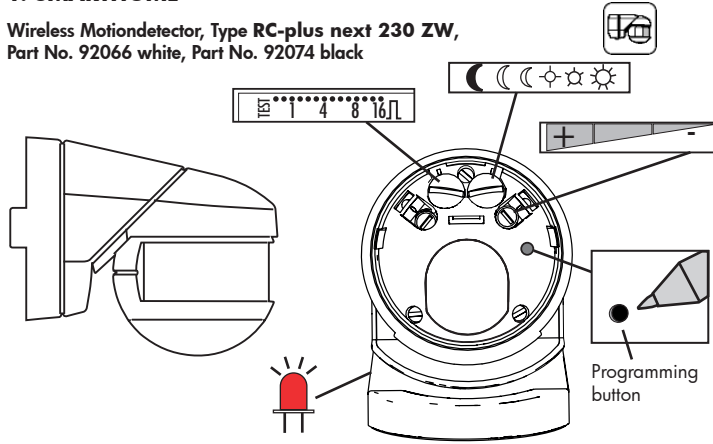


# SMARTHOME RC-plus next 230 ZW

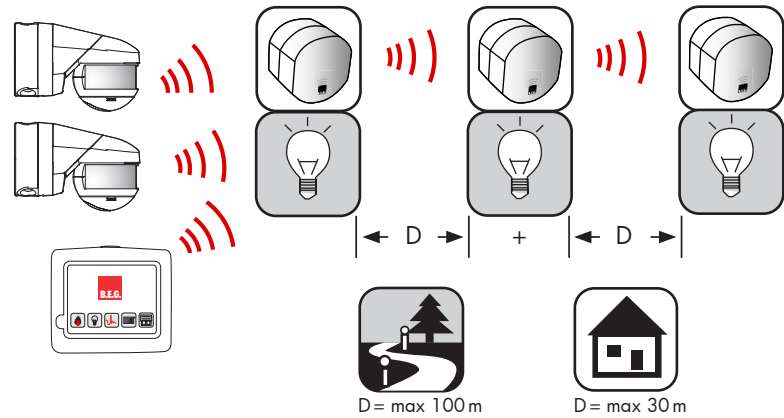
## Installation instructions and instructions of use

### 1. SMARTHOME

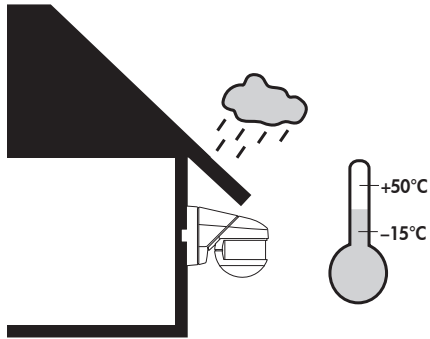
Wireless Motiondetector, Type RC-plus next 230 ZW,  
Part No. 92066 white, Part No. 92074 black



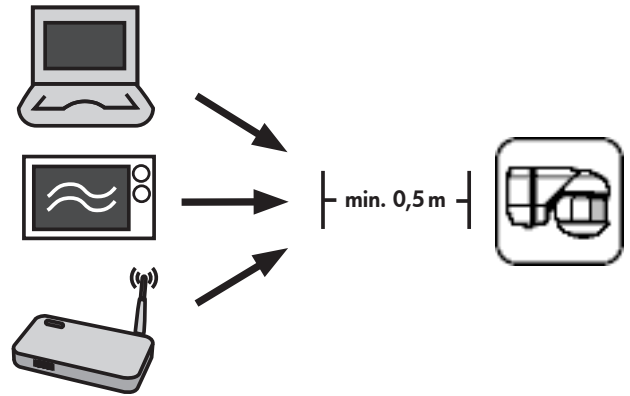
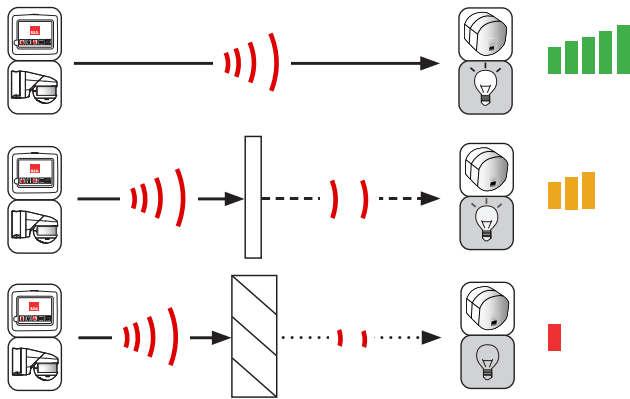
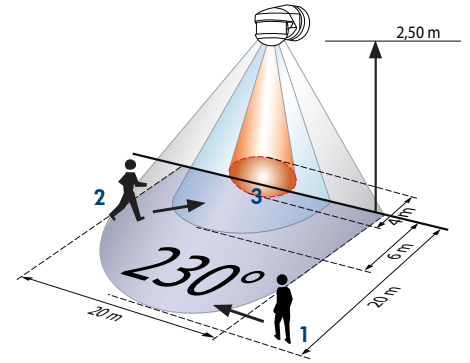
### 2. How the device works



### 3. Suitable installation locations

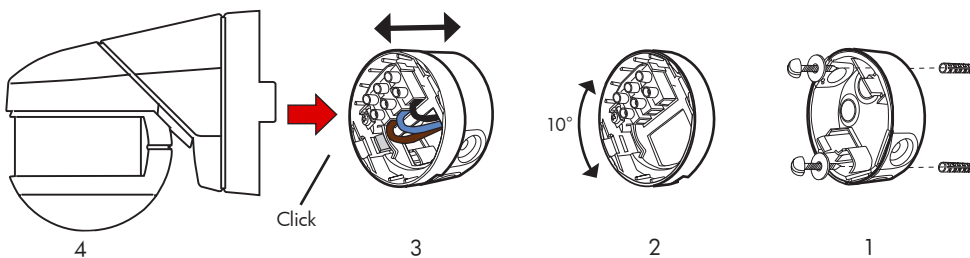


- 1 Walk at right angles to the detector
- 2 Walk towards the detector
- 3 Creep-zone protection

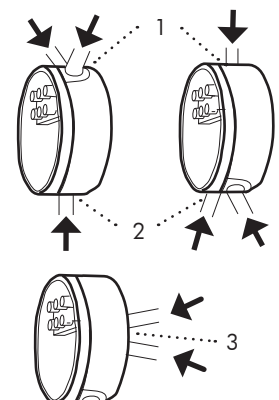


### 4. Installation

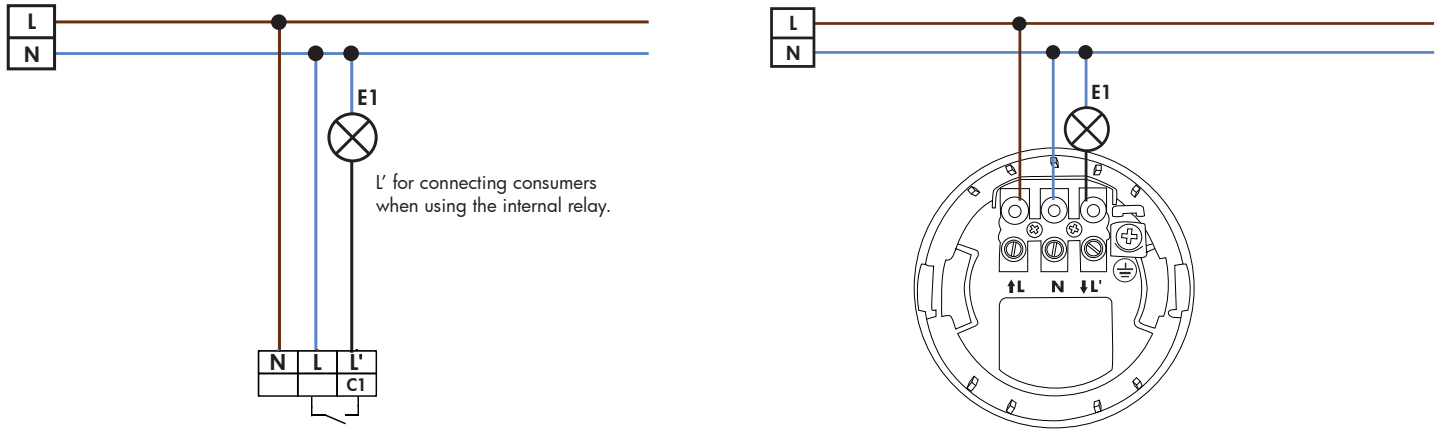
Connector base



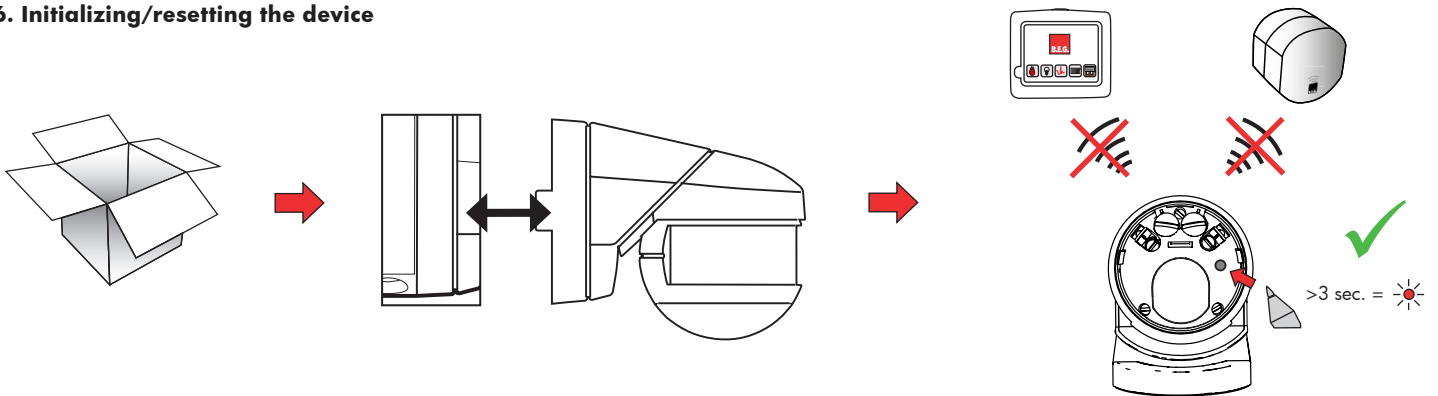
Cable entry point



## 5. Connecting the device



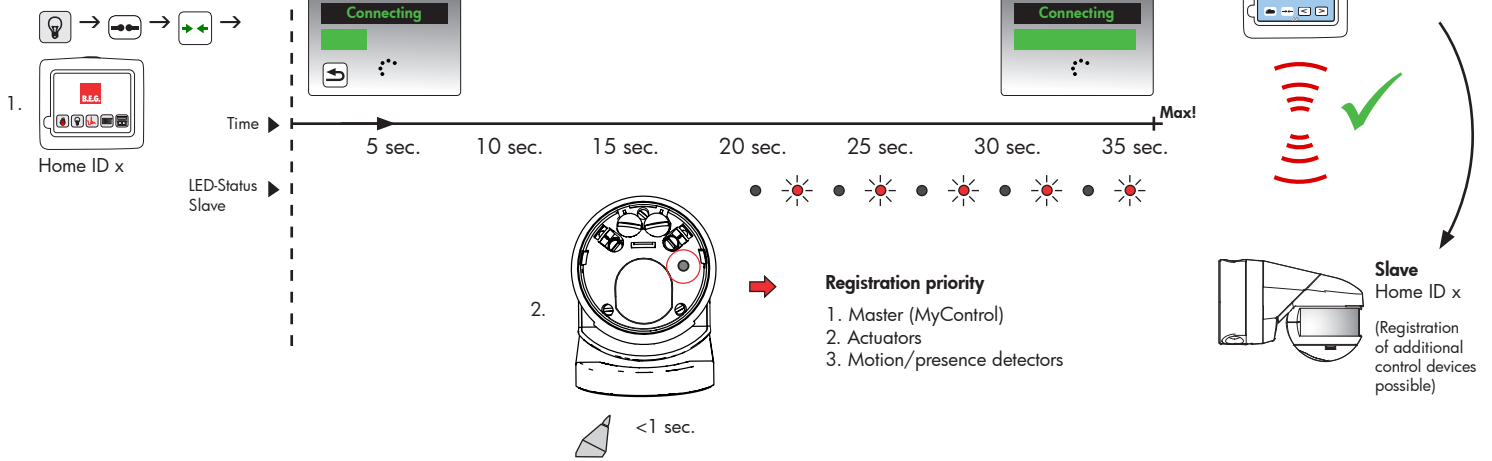
## 6. Initializing/resetting the device



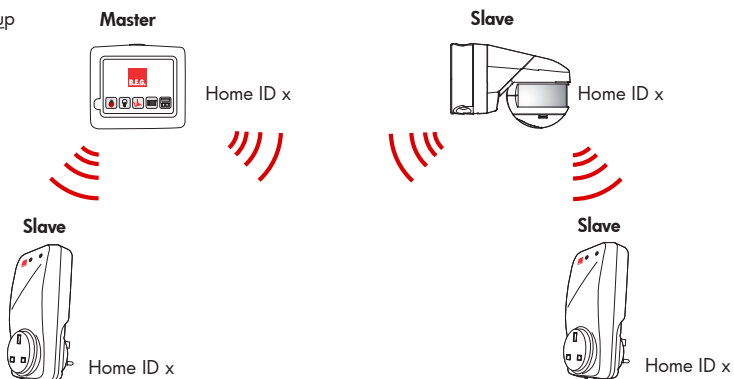
## 7. Taking the device into operation

### A) Connection with MyControl

#### 1. Connecting devices

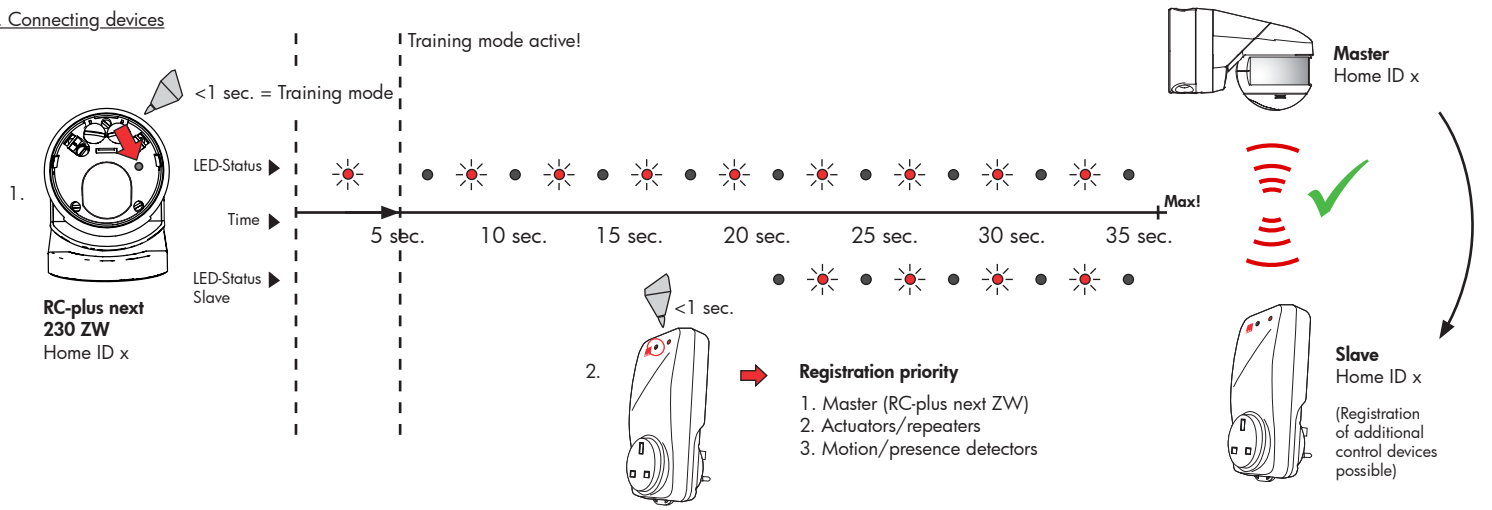


#### 2. Group

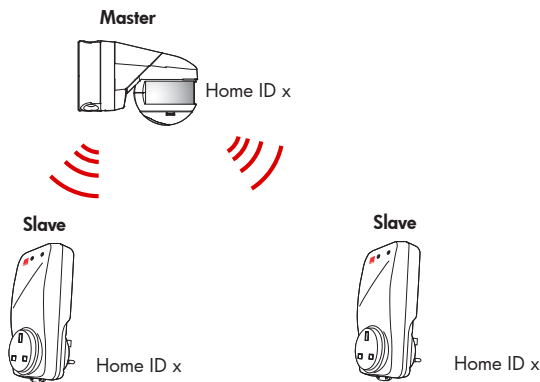


## B) Connection without MyControl

### 1. Connecting devices



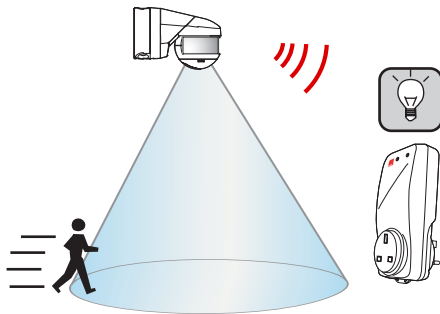
### 2. Group



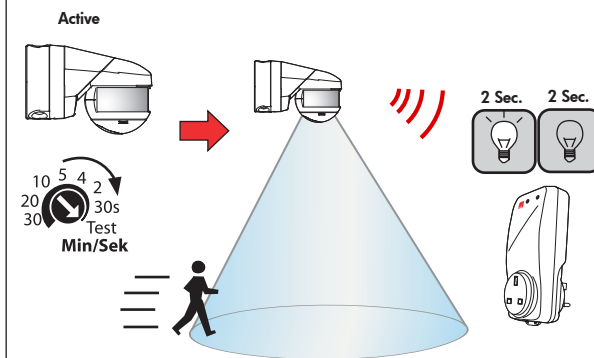
Creating groups: Please refer to the MyControl operating instructions

## 8. Function test

### 1. Actuator switching on motion and presence detectors



### 2. Testing mode on the device



### Setting the range over IR Smart Home

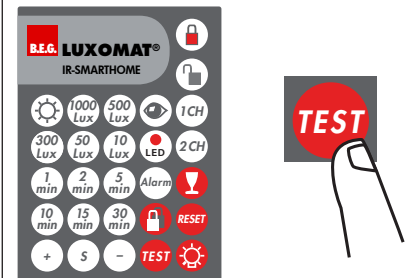
- Outdoors
- Indoors
- Very high sensitivity

**Note:** Selecting "+" (very high sensitivity) may result in the wireless detector triggering incorrectly. The "S" setting (standard) is recommended for normal applications.

Greater sensitivity does not extend the detection range.

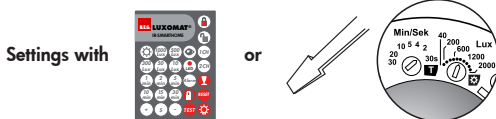
**Attention:** The LUX potentiometer may not be set to ☀️ (factory program).

### 3. Testing mode using the remote control



**Attention:** The repeater function is not active in testing mode!

## 9. Device Settings

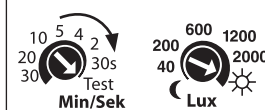


☀️ & **T** → works program = 5 min. & 300 Lux

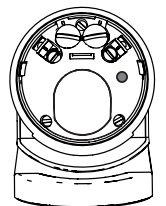
▶ Programming concluded!

Or may be set manually with ⌚ & 🌙

### 1. Resetting settings

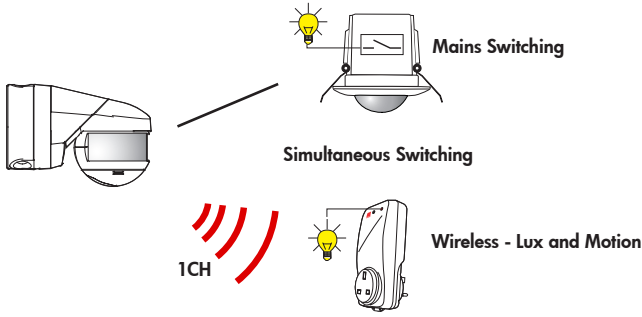


Or with IR-SMARTHOME using 🔒 → **RESET**

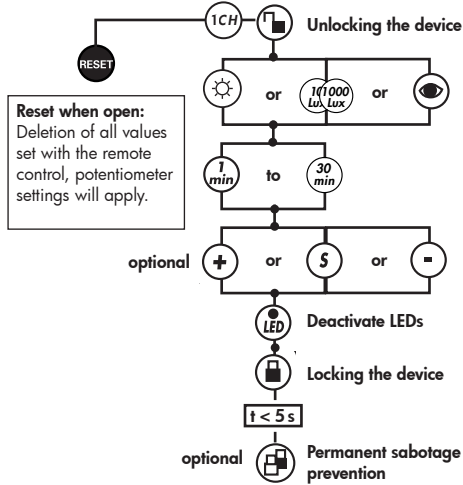


## 2. 1CH/2CH channel settings

Option 1 (1CH)



## 10. remote control IR-SMARTHOME



10/1000 Lux

**Target brightness value**

**Day mode:** Light sensor inactive, switches at every brightness /  
**Night mode:** Very low activation value of around 10 lux

**Automatic reading in of the current light value as the new target light value**

1 min 30 min

**Continued running time**

**Permanently deactivate the LEDs on the device**

**12-hour party mode:** Light on for 12 hours

**Activating testing mode when closed**

**Deactivation:** Press reset

**Resetting when closed**

End testing mode  
Accept standard settings

**Switch light on/off**

**1CH mode**

**Alarm function**

This key opens the detector to allow the following functions to be programmed.

**Attention:** The detector will be automatically closed

- each time the power is switched back on
- or after 3 min.

**Condition is changed, „closed“.**

The white LED will flash every 0.5 seconds in the first 5 seconds.

Sabotage prevention may be activated during this time.

**Permanent sabotage prevention**

First open the device, then close the device, LED will light up for 5 seconds  
Sabotage prevention may be activated during this time. Either carry out a reset (see Point 4) or proceed as follows to exit this mode:

1. Interrupt the power
2. Apply power for 31 to 59 seconds
3. Interrupt the power again
4. Apply power
5. Open the detector

## 11. LED function display

LED function display during the self-testing cycle (approx. 60 s)				
Function	Zone left LED1 (red)	Zone right LED2 (red)	Zone UKS LED3 (red)	Programming-LED (red)
Self-testing cycle reprogrammed after power from the mains has been switched on	All 3 LEDs flash simultaneously			
Self-testing cycle reprogrammed after power from the mains has been switched on	LEDS flash rapidly			
Self-testing cycle double-locked after power from the mains has been switched on	All 3 LEDs will each flash at one-second intervals for 80 ms			
LED function display during operation				
Motion detection	LED will flash when a motion is detected	LED will flash when a motion is detected	LED will flash when a motion is detected	
Party mode active	Red and green LEDs will flash alternately for 0.5s			
Registration				LED will flash during the registration process
Initialization				The LED will light up continuously after successful initialization (key pressed for longer than 3 s) until it is released
IR command	The 3 LEDs will flash once			

## 12. Delay times

The device has various delay times for the change between light and dark in order to prevent repeated switching on and off at light values that are close to the switching values.

Top limit	Bottom limit	Delay time
>200 Lux		30 s
<200 Lux	>100 Lux	15 s
<100 Lux	>50 Lux	7 s
	<50 Lux	Immediate activation

## 13. Technical data

Sensor and power supply in one case

**Voltage:** 230V ~ ±10 %

**Terminals:** for single core conductors

**Ambient temperature:** -15°C - +50°C

**Power consumption:** < 0,5 W

**Protection class:** 2

**Protection:** IP54

**Settings:** Rotary control or remote control

**Detection range:** 230°, additionally 360° Under-creep protection function

**Range:** ca. 20 m

**Recommended mounting height:** 2 - 3 m

**Transmission and reception frequency:** 868,42 MHz

**Transmission power:** <10 mW

**Transmission and reception range (open area):** max. 100 m

**Lux values:** 2 - 2500 Lux

**Time setting:** 15 sec. - 16 min./test

**Dimensions:** L 121 x W 71 x H 85 mm

**CE Declaration:** The product meets the Low Voltage Directive 2006/95/EC and the EMC Directive 2004/108/EC.

## 14. Important information



**B.E.G.'s** Smarthome devices may not be opened! Please contact Brück Electronic GmbH in the event of a fault with your device.



Please stay within the specified power limits with connected consumers so as to prevent Smarthome actuators from overloading. Overloading may destroy the devices, result in personal injury and may even cause fire.



Please do not plug several Smarthome plug socket actuators behind each other into a single plug socket.



Take the device immediately out of operation should it become defective or if damage becomes apparent!



Article may only be installed by a qualified electrician!

Brück Electronic GmbH (**B.E.G.**) herewith declares that the devices described meet the fundamental requirements and fulfil other relevant regulations set out in the R&TTE Directive 1999/5/EC.

The full declaration of conformity is available at:

<http://www.luxomat.com>  
under "Support" in the "Download" section



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