## Wireless actuator

Impulse switch with integrated relay function FSR61NP-230V

## valid for devices from production week 14/11 (see bottom side of housing)

## 1. Typical connection



## 2. Operating settings

A. Impulse switch

B. Impulse switch with off delay


2 minutes


120 minutes
C. Impulse switch with off delay and pushbutton permanent light

D. Impulse switch with off delay and switch-off early warning

E. Impulse switch with off delay, switch-off early warning and pushbutton permanent light

F. Switching relay


## 3. Clear sensors

A. Clear memory contents completely


The LED
flashes at a high rate


Clear individual taught-in sensors in the same way as in the teach-in procedure, except that you set the upper rotary switch to CLR.

## 4. Teaching-in sensors

A. Teach-in 'central OFF' and FTK and Hoppe window handle as NC contact


LED flashes and extinguishes affer trans-
mitting of the sensor signal
B. Teach in scene pushbutton; a complete double-rocker pushbutton is assigned automatically


LED flashes and extinguishes after transmitting of the sensor signal

## C. Teach-in ON/OFF universal pushbutton



LED flashes and extinguishes after transmitting of the sensor signal
D. Teach-in universal pushbutton as NC contact


LED flashes and extinguishes after transmitting of the sensor signal

## E. Teach-in 'central ON' and FTK and Hoppe window handle as NO contact



LED flashes and extinguishes after transmitting of the sensor signal

## 5. Teaching-in scenes

Four scenes can be saved by a scene pushbutton previously taught-in.

1. Switch on/off impulse relays
2. The switching state is saved by pressing one of the four rocker ends of a double-rocker scene pushbutton for longer than 3 seconds.

## 6. Twilight switch

with taught-in wireless outdoor brightness sensor FAH and then in function setting ESV. In time setting 120 the contact opens with a
delay of 4 minutes if the brightness level is sufficient.
In time setting $\infty$ the contact opens instantly. The local and central push-button control is still possible.

## 7. Motion detection

with taught-in wireless motion detector FBH in function setting ER. The device switches on when motion is detected. If no more motion is detected, the contact opens after the time delay settingt $=2$ to 255 seconds (Position $\infty$ ).

## 8. Outdoor brightness sensor and motion detector

can be used together with function setting ER to evaluate motion only in darkness. If the FAH detects brightness, the contact opens immediately.

## 9. Switching on/off repeater

If control voltage is applied to the local control input when the power supply is switched on, the repeater is switched on/off. When the power supply is switched on, the LED lights up for 2 seconds = repeater off (as-delivered state) or 5 seconds $=$ repeater on to indicate the state.

## 10. Bidirectional wireless signals

Use the wire-bound control input to teach in the bidirectional wireless signals. A Wireless On signal is sent when the control voltage is applied. A Wireless Off signal is sent when the control voltage is disabled.

## 11.Technical data

| Rated switching capacity | 10A/250V AC |
| :--- | ---: |
| Incandescent lamp and <br> halogen lamp load ${ }^{1)} 230 \mathrm{~V}$ | 2000W |
| Fluorescent lamp load with | 1000VA |
| KVG* in lead-lag circuit or <br> non compensated |  |


| Fluorescent lamp load with KVG* <br> shunt-compensated or with EVG* | 500 VA |
| :--- | ---: |
| Compact fluorescent lamps with <br> EVG* and energy saving lamps | $15 \times 7 \mathrm{~W}$ |
| Local control current |  |
| at 230 V control input |  |$\quad 3.5 \mathrm{~mA}$.

1) Applies to lamps of max. 150 W .

* EVG = electronic ballast units;

KVG = conventional ballast units

When an actuator is ready for teach-in (the LED flashes at a low rate), the very next incoming signal is taught-in. Therefore, make absolutely sure that you do not activate any other sensors during the teach-in phase.

## Important note!

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock.

09/2011 Subject to change without notice.

