

## Wireless actuator



Impulse switch with integrated relay function economy FSS61E-230V

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

Temperature at mounting location:  
-20°C up to +50°C.  
Storage temperature: -25°C up to +70°C.  
Relative humidity:  
annual average value <75%.

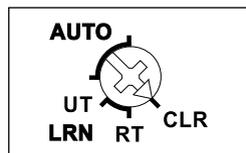
1 NO contact not potential free 10A/250V AC, zero passage switching. Incandescent lamps 2000 watts. Bidirectional wireless switchable. Only 0.8 watt standby loss.

For installation.  
45 mm long, 55 mm wide, 33 mm deep.  
Supply voltage and switching voltage 230V.

If supply voltage fails, the device is switched off in defined mode.

**Bidirectional wireless** is switchable. Every change in state is then confirmed by a wireless telegram. This wireless telegram can be taught-in in other actuators, in the GFVS software and in universal displays.

### Function rotary switch



**Using the rotary switch** up to 35 wireless pushbuttons are taught in as **direction pushbutton (RT)** or **universal pushbutton (UT)**. To control extractor hoods or similar, up to 35 wireless window/door contacts FTK or wireless Hoppe window handles can be taught in. Several FTK devices or wireless Hoppe window handles are interlinked.

If an FTK or wireless Hoppe window handle is taught in, it may no longer be possible to execute taught-in push-buttons.

**The LED** performs during the teach-in process according to the operating instructions. It shows wireless control commands by short flickering during operation.

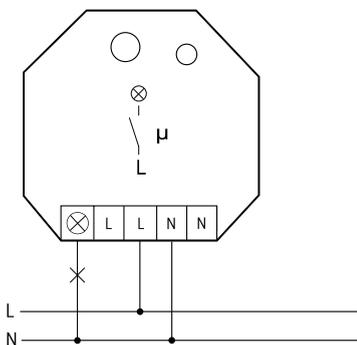
### Technical data

Rated switching capacity	10A/250V AC
Incandescent lamp and halogen lamp load <sup>1)</sup>	2000W 230V
Fluorescent lamp load with KVG* in lead-lag circuit or non compensated	1000VA
Fluorescent lamp load with KVG* 500VA shunt-compensated or with EVG*	
Compact fluorescent lamps with EVG* and energy saving lamps	15x7 W 10x20 W
Standby loss (active power)	0.8 W

<sup>1)</sup> Applies to lamps of max. 150W.

\* EVG = electronic ballast units;  
KVG = conventional ballast units;

### Typical connection



### Teaching-in wireless sensors in wireless actuators

**All sensors must be taught-in in the actuators so that they can detect and execute commands.**

### Teaching-in actuator FSS61E-230V

The teach-in memory is empty on delivery from the factory. If you are unsure whether the teach-in memory contains something or not, **you must first clear the memory contents completely:**

Turn the rotary switch five times to the left stop CLR (turn anticlockwise) and away again. The red LED stops flashing and goes out after 2 seconds. All taught-in sensors are cleared and the confirmation telegrams are switched off.

### Clear individual taught-in sensors:

Set the rotary switch to CLR. The LED flashes at a high rate. operate the sensor. The LED goes out.

### Teaching-in sensors:

1. Use the upper rotary switch to select the required teach-in function. The LED flashes at a low rate.

The flashing of the LED as soon as a new setting range has been reached when turning the rotary switch helps to find the desired position reliably.

UT = Teach in universal pushbutton ON/OFF and FTK wireless window/door contacts as NO contacts.

RT = Teach in direction pushbutton;

Direction pushbuttons are taught in fully automatically when pressed.

Where you press first is then defined as switch-on. The other side automatically becomes switch-off.

If a direction pushbutton is taught-in in several actuators, it acts as a central pushbutton.

2. Operate the sensor to be taught-in. The LED goes out.

To teach-in further sensors, turn the middle rotary switch briefly away from the position. Continue the procedure from pos 1.

After teach-in, turn the rotary switch to AUTO.

### Switch-on confirmation telegrams:

For deliveries ex-works the confirmation telegrams are switched-off. Turn the rotary switch five times to the right stop (turn clockwise) and then back away. The LED lights up for 2 seconds. The confirmation telegrams are switched-on.

### Switch-off confirmation telegrams:

Turn the rotary switch five times to the right stop (turn clockwise) and then back

away. The LED lights up for 0.5 seconds. The confirmation telegrams are switched-off.



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.

**ELTAKO GmbH hereby declares that the products that relates to this operating manual, are in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC. A copy of the EU declaration of conformity can be requested at the address below.**

**Must be kept for later use!**

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