

## RF Control Wireless System

### Advantages:

- Remote switching of home electrical appliances
- Easy installation without any demolition works or cutting into walls.
- Flexible location: ideal for installing in existing buildings, as well as for refurbished and new buildings: thanks to RF Control, you are not limited by the location of a switch, for instance when moving furniture. The wireless wall switch button may be glued to glass, mounted on a beam or just placed on a night table and easily moved elsewhere at anytime.
- Wireless wall switch buttons do not need an external power supply (battery-powered).
- Receivers (actuators) may be mounted in an installation box, under the existing switch, light covers or ceiling, or on a DIN rail inside the switchboard.

## RF Transmitter Wireless Wall Switch Button BU-WS2, BU-WS4

Wireless wall switch buttons serve as transmitters to control RF Control system receivers. The signal is transmitted via wireless communication between the system units. The flat design makes it ideal for easy and quick installation on any surface (glass, wood, wall...).

- Wireless wall switch buttons may simultaneously control an unlimited number of assigned actuators within the range of the RF signal.
- Keep in mind that the radio signal range for RF installations depends on the building structure, materials used and the manner of unit location in the area.
- Based on an impulse (pressing a button), these switches can send a radio signal with information to the receiver.
- The transmitters are battery-powered; battery life is about 5 years (depending on the frequency of use).



BU-WS2

### Wireless Wall Switch Button

Type	Code	Description	Weight [g]	Packaging [pcs]
BU-WS2	002471877	2-channel wireless wall switch button	68	1
BU-WS4	002471878	4-channel wireless wall switch button	50	1

## RF Receiver Switching Actuator BU-SU, BU-SU Multi

RF switching actuators serve to control electrical appliances, lights, heating, garage door, sockets, etc.

- Switching actuator design;
- BU-SU:** 1-channel design, single function ON/OFF, 16A rated current
- BU-SU Multi:** 1-channel design, multifunction, 16A rated current
- Multifunction actuator functions: button, ON/OFF, impulse relay, delayed return, delayed start
- For programming and manual control ON/OFF, press the Prog button
- Can be controlled by up to 32 channels
- Possibility to assign receivers to the RF Control system
- LED indicator of the device status on the front panel
- Installation box design

### Switching Actuator

Type	Code	Description	Weight [g]	Packaging [pcs]
BU-SU	002471873	Single function switching actuator	50	1
BU-SU Multi	002471875	Multifunction switching actuator	50	1



BU-SU Multi

## RF Receiver Dimming Actuator BU-DU, BU-DU Multi

Serves for light dimming and creating light scenes (4 preset light scenes)

- Allows dimming bulbs and halogen lights with electronic or wound R, L, C 250VA transformer
- BU-DU:** single-function - button dimmer
- BU-DU Multi:** multifunction - 6 light functions, ON/OFF function, possibility to set continuous switching on/off of light (between 2 seconds and 30 minutes)
- Easy control: switch on/off the light by pressing the button shortly; adjust brightness by pressing and holding
- Each actuator can be controlled by up to 32 channels (1 channel is represented by 1 button on the wireless wall switch button or the BU-TSD / TSW unit)
- Electronic overcurrent protection - the output is switched off in case of overloading or short-circuit
- For programming and manual control, press the Prog button
- Installation box design



BU-DU



BU-DU Multi

### Dimming Actuator

Type	Code	Description	Weight [g]	Packaging [pcs]
BU-DU	002471874	Single function dimming actuator	40	1
BU-DU Multi	002471876	Multifunction dimming actuator	40	1

**RF Receiver Dimming Actuator for LED and Dimmable Energy-saving Light Bulbs BU-DEU**

- Serves to control the light intensity of 230V dimmable energy-saving light bulbs and LED lamps
- Type of the light source is selected by switch on the front panel
- Control options: with RF transmitter / with the existing button
- Multifunction - 7 program functions: 6 different light functions, ON/OFF function
- The setting of minimum brightness by potentiometer on device panel eliminates the flickering of various types of energy-saving tubes
- When switched off, the adjusted level of brightness is saved in memory to be restored when the light is switched on again
- Each actuator can be controlled by up to 32 channels (1 channel is represented by 1 button on the wireless wall switch button or the BU-TSD / TSW unit)
- Electronic overcurrent protection - the output is switched off in case of overloading or short-circuit
- For programming and manual output switching, press the Prog button
- Installation box design



**Dimming Actuator for LED and Dimmable Energy-saving Light Bulbs**

Type	Code	Description	Weight [g]	Packaging [pcs]
BU-DEU	002471915	ESL and LED dimmer unit	74	1

**Twilight light switch BU-DUSK1**

- BU-DUSK1 is used to control blinds, awnings, lights and other appliances in relation to the ambient light intensity level:
- outdoor design in IP65 designed for wall mounting
  - built-in light sensor
  - two devices in one, functions are chosen by rotary switch:
    - twilight switch - switches upon a drop in ambient light intensity, switches off upon increase. Used for switching on lighting at twilight and at night (street and garden lighting, advertisement illumination, shop windows)
    - light switch - switches upon an increase in ambient light intensity, switches off upon decrease. Used for switching equipment when reaching the set ambient light level, usually by sunlight (dimming - blinds or awnings, solar panels - activation)
  - 3 adjustable ranges of light level with option of fine-tuning
  - 3 adjustable time delay values (for eliminating short fluctuations in light intensity – ex. glare of automobile reflectors)
  - power by batteries 2x AAA 1.5V, battery life up to 2 years (based on amount of controlled units)
  - option of programming up to 32 actuators
  - compatibility with actuators:
    - BU-SU Multi (Switching actuator)
    - BU-DU Multi (Dimming actuator)



**Wireless dusk and light sensor unit (IP65)**

Type	Code	Weight [g]	Packaging [pcs]
BU-DUSK1	002471923	163	1