

## BEW-WLS4

Smart-house transmitter for building automation applications

4 individually programmable pushbuttons

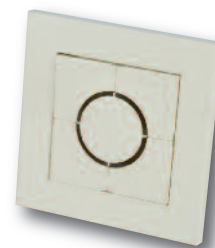
3 V battery supply (CR2032)

Channel programming using BGP-COD-BAT

Wall mounting

Range up to 100 m in open air

Battery life: up to 5 years at normal use



### INPUT SPECIFICATIONS

Wireless push-button

Transmission frequency

868 MHz

### SUPPLY SPECIFICATIONS

Power supply

Battery: CR2032

### GENERAL SPECIFICATIONS

Channel coding

By BGP-COD-BAT and special cable: GAP-TPH-CAB. After mounting reprogramming can be done by removing the slim cover and using the attached adapter for the GAP-TPH-CAB cable.

Out 1-4

Push-button 1-4

Enclosure

(ELKO)

Environment

Protection degree

IP 20

Pollution degree

3 (IEC 60664)

Operating temperature

0-50°C/32-122°F

Storage temperature

-20-70°C/-4-158°F

Humidity (non-condensing)

20 - 80%

Weight

50 g – without battery

Dimensions

86 x 86 x 24 mm  
(including frame)

### MODE OF OPERATION

The BEx-LS4 light switch is designed for base unit BH4-WBUX-230 and will only function with this unit.

The wireless BEx-LS4 light switches are programmed as standard light switches BEx-LS4 using a BGP-COD-BAT (see data sheet for this unit).

The communication between BEx-LS4 light switches and the BH4-WBUX-230 base is established in the following way:

- Push the "Mode" button on the BH4-WBUX-230 base until the

red LED indicates association.

- Push the push-button on the BEx-LS4 light switch module that you want to associate with the BH4-WBUX-230 base.

Once the association is complete, all 4 LEDs will light up briefly (approx. 1 second).

If the association fails, e.g. because the range is exceeded, all LEDs in the light switch module will light up simultaneously for approx. 500 ms. This also occurs if, under normal circumstances, it is not possible to establish con-

nection between the BH4-WBUX-230 base and the BEx-LS4 light switch modules.

It is possible to disable the communication between the BH4-WBUX-230 base and all the modules with which it is associated.

- Push the "Mode" button on the base until the red "Disable" LED is lit.

This means that there is no connection between the BH4-WBUX-230 base and its associations.

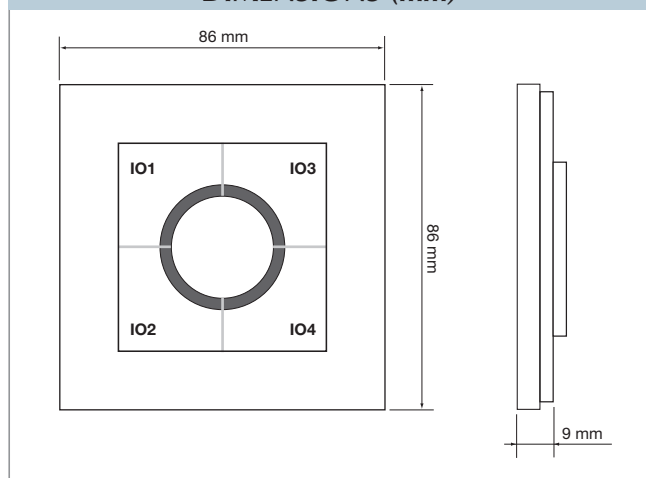
To reestablish the connection, push "Mode" until neither

"Associate" or "Deactivate" are lit. Under normal circumstances, the "Supply" and "Dupline" LEDs will be lit continuously, whereas the LED for "Communication" only blinks briefly when you push an associated BEx-LS4 light switch.

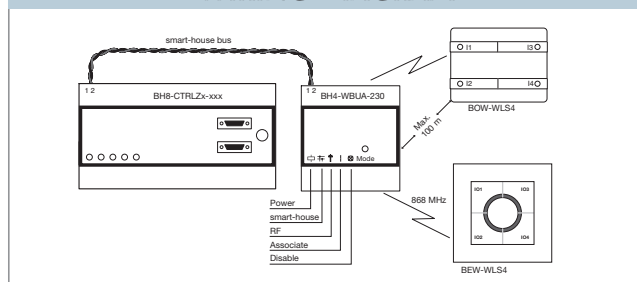
The LEDs always follow their allocated push-button and cannot be programmed individually or removed.

The LED indication provides confirmation that the communication is successful.

### DIMENSIONS (mm)



### WIRING DIAGRAM



### TYPE SELECTION

Supply  
by smart-house

Colour

White

Light grey

Antracit grey

Ordering no.

BEW-WLS4

BEG-WLS4

BEA-WLS4

### ACCESSORIES

Programming cable to BGP-COD-BAT

GAP-TPH-CAB