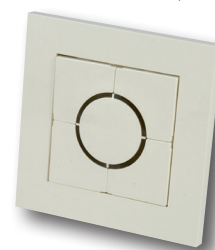


ELKO Wireless Light Switch

BEW-WLS4

CARLO GAVAZZI



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-WLS4 light switch is designed for base unit BH4-WBUx-230 and will only function with this unit.

The wireless BEx-WLS4 light switches are programmed as standard light switches BEx-WLS4 using a BGP-COD-BAT (see data sheet for this unit).

The communication between BEx-WLS4 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-WLS4 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 connection between the BH4-WBUx-230 base and the

BEx-WLS4 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.

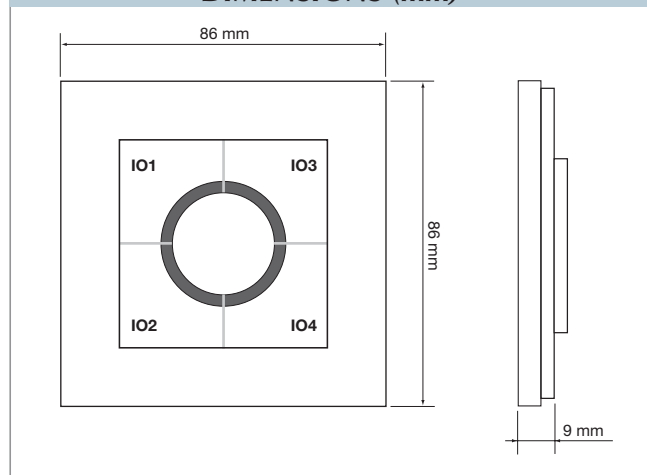
To reestablish the connection, push "Mode" until neither "Associate" or "Deactivate" are lit. Under normal circumstances, the

"Supply" and "Dupline" LEDs will be lit continuously, whereas the LED for "Communication" only blinks briefly when you push an associated BEx-WLS4 light switch.

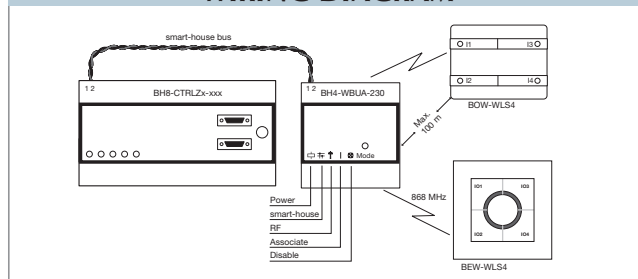
The LEDs always follow their allocated push-button and cannot be programmed individually or removed.

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