

## BDG-WLS4

smart-house wireless transmitter for building automation applications

4 individually programmable inputs

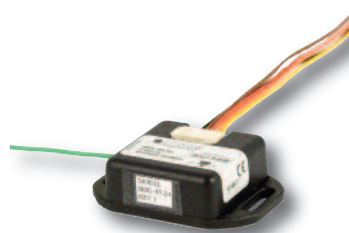
3 V battery supply (CR2032)

Channel programming using BGP-COD-BAT

Compact housing

Range up to 100 m in open air

Battery life: up to 5 years at normal use



### INPUT SPECIFICATIONS

Wireless inputs

Transmission frequency 868 MHz

### SUPPLY SPECIFICATIONS

Power supply

Battery: CR2032

### GENERAL SPECIFICATIONS

Channel coding

Via BGP-COD-BAT and special cable: GAP-TPH-CAB.  
Following installation, the programming can be changed by removing the multiconnector and using the supplied adapter for the GAP-TPH-CAB cable.

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

Housing

Compact

Humidity (non-condensing)

20 - 80%

Weight

50 g – without battery

Dimensions

51 x 35 x 15 mm  
(including frame)

### MODE OF OPERATION

The BDG-WLS4 input module is designed for base unit BH4-WBUx-230 and will only function with this unit.

The wireless BDG-WLS4 input modules are programmed as standard input modules BDB-INCON4 using a BGP-COD-BAT (see data sheet for this unit).

The communication between

BDG-WLS4 input modules 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.
- Activate a channel on the BDG-WLS4 input module that you want to associate with the BH4-WBUx-230 base.

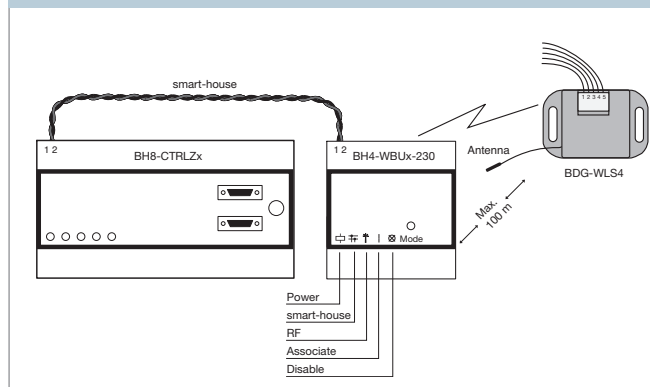
It is possible to disable the communication between the BH4-WBUx-230 base and all the modules with which it is associated.

- Push the "Mode" button on the BH4-WBUx-230 base until the red "Disable" LED is lit.

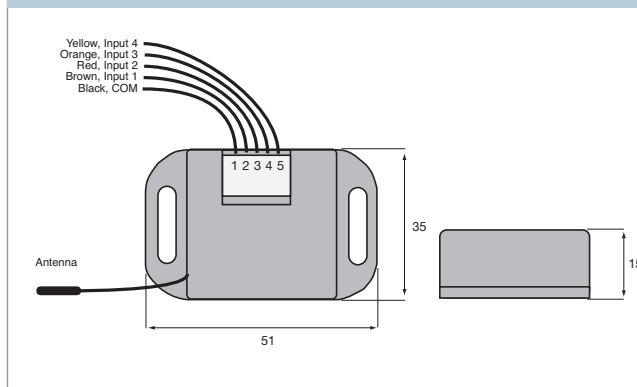
This means that there is no connection between the BH4-WBUx-230 base and its associations.

To reestablish the connection, push "Mode" until neither "Associate" or "Deactivate" are lit. Under normal circumstances, the "Supply" and "smart-house" LEDs will be lit continuously, whereas the LED for "Communication" only blinks briefly when you push an associated BDG-WLS4 input module.

### COMMUNICATION EXAMPLE



### DIMENSIONS/LED ALLOCATION



### TYPE SELECTION

Supply  
smart-house

Ordering no.  
BDG-WLS4

### ACCESSORIES

Programming cable  
to BGP-COD-BAT

GAP-TPH-CAB