Wireless Input Module

BDG-WLS4

smart-house

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.
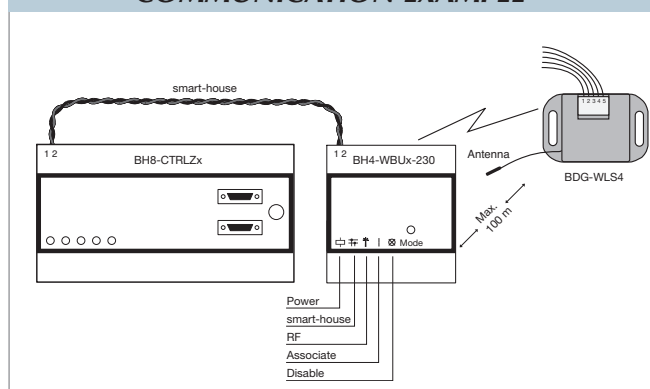
It is possible to disable the communication between the BH4-WBUx-230 base and all the modules with which it is associated.
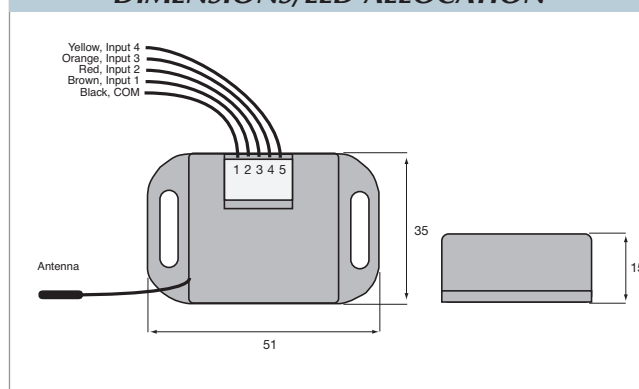- Push the "Mode" button on the BH4-WBUx-230 base until the red "Disable" LED is lit.
This means that there is no connection between the BH4-WBUx-230 base and its associations.

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	**Ordering no.**
Battery supply	BDG-WLS4

ACCESSORIES

Programming cable to BGP-COD-BAT	GAP-TPH-CAB