

Wireless Input Module



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
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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.
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Operating temperature	0-50°C/32-122°F
Storage temperature	-20-70°C/-4-158°F

Environment	
Protection degree	IP 20
Pollution degree	3 (IEC 60664)

Housing	Compact
Humidity (non-condensing)	20 - 80%
Weight	50 g – without battery
Dimensions	51 x 35 x 15 mm (including frame)

MODE OF OPERATION

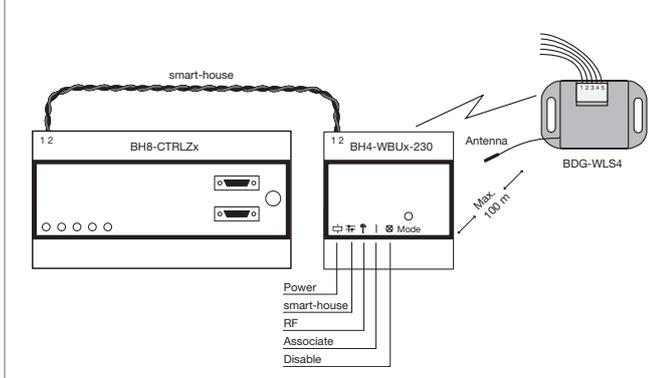
The BDG-WLS4 input module is designed for base unit BH4-WBUx-230 and will only function with this unit. The wireless BDG-WLS4 input modules are programmed as standard input modules BDB-INCON4 using a BGP-COD-BAT (see data sheet for this unit). The communication between

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.

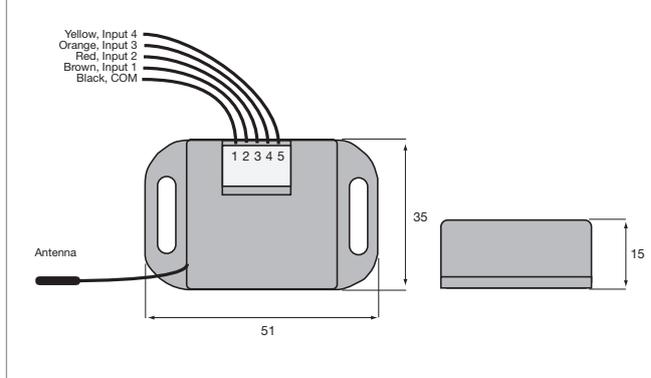
It is possible to disable the communication between the BH4-WBUx-230 base and all the modules with which it is associated.
 - Push the "Mode" button on the BH4-WBUx-230 base until the red "Disable" LED is lit. This means that there is no connection between the BH4-WBUx-230 base and its associations.

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
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