Remote Control

smart-house

BDF-WLS3

smart-house transmitter for building automation applications
3 individually programmable push-buttons
3 V battery supply (CR2032)
Channel programming using BGP-COD-BAT
Range up to 40 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 3V

GENERAL SPECIFICATIONS

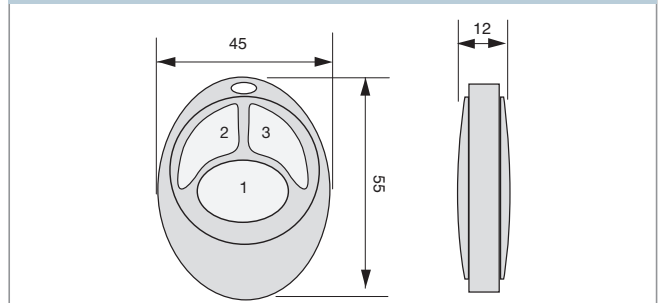|	
Channel coding	Via BGP-COD-BAT and special cable: GAP-TPH-CAB. Following the installation, the programming can be changed by removing the thin cover between the push-buttons and using the supplied adapter for the GAP-TPH-CAB cable.
Battery change	It is possible to change battery if the battery voltage is low. Use a sharp object to separate the two plastic parts. Replace the battery and reassemble the plastic parts by pressing them together.

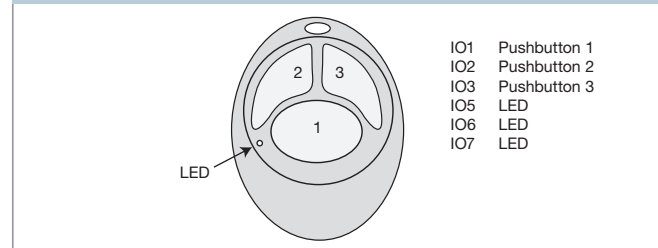|	
Out 1-3	Push-button 1-3
Housing	Compact
Environment	
Protection degree	IP 20
Pollution degree	3 (IEC 60664)
Operating temperature	0-50°C/32-122°F
Storage temperature	-20-70°C/-4-158°F
Humidity (non-condensing)	20 - 80%
Weight	30 g – battery included

MODE OF OPERATION

The BDF-WLS3 remote control is designed for base unit BH4-WBUx-230 and will only function with this unit.

The remote control is programmed using a BGP-COD-BAT (see data sheet for this unit).

The communication between BDF-WLS3 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 BDF-WLS3 remote control module that you want to associate with the BH4-WBUx-230 base.

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

If the association fails, e.g. because the range is exceeded, the LED in the remote control 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 BDF-WLS3 remote control 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 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 BDF-WLS3 remote control.

The LED always lights up when you push a button.

The LED indication provides confirmation that the communication is successful.

DIMENSIONS (mm)

TYPE SELECTION

Supply	**Ordering no**
Battery	BDF-WLS3

PUSH BOTTON/LED ALLOCATION

IO1	Pushbutton 1
IO2	Pushbutton 2
IO3	Pushbutton 3
IO5	LED
IO6	LED
IO7	LED

COMMUNICATION EXAMPLE

smart-house bus

BH8-CTRLZx-xxx

BH4-WBUA-230

Max. 40 m

Power
smart-house
RF
Associate
Disable