FUGA Wireless Light Switch

BFW-WLS4

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	Via GAP 1605 and special cable: GAP-TPH-CAB. Following 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.
Out 1-4	Push-button 1-4
Enclosure	(LK FUGA)

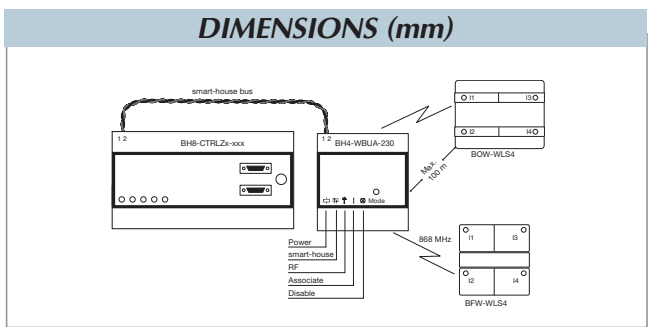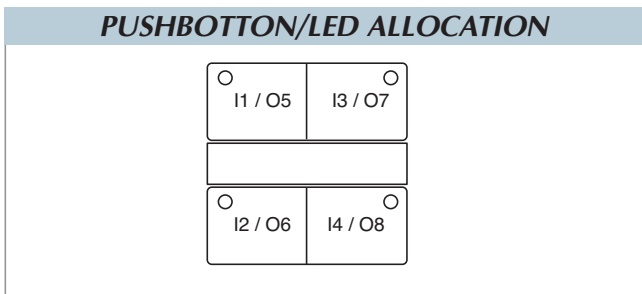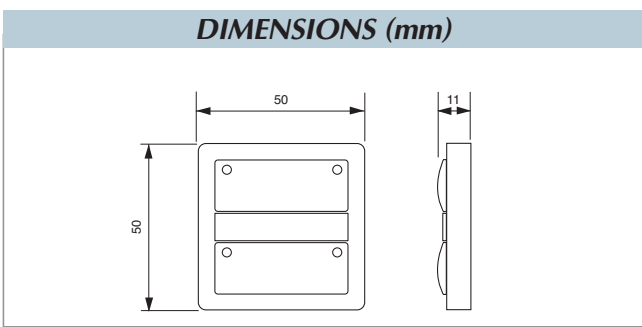| **Environment**	
Protection degree	IP 20
Pollution degree	3 (IEC 60664)
Operating temperature	0-50°C/32-122°F
Storage temperature	-20-70°C/-4-158°F
Humidity (non-condensing)	20 - 80%
Weight	50 g – without battery
Dimensions	50 x 50 x 11 mm (including frame)

MODE OF OPERATION

The BFW-LS4 light switch is designed for base unit BH4-WBU-230and will only function with this unit.

The wireless BFW-LS4 light switches are programmed as standard light switches G8x10 44xx using a GAP 1605 (see data sheet for this unit).

The communication between BFW-LS4 light switches and the BH4-WBU-230 base is established in the following way:
- Push the "Mode" button on the BH4-WBU-230 base until the red LED indicates association.
- Push the push-button on the BFW-LS4 light switch module that you want to associate with the BH4-WBU-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-WBU-230 base and the BFW-LS4 light switch modules.

It is possible to disable the communication between the BH4-WBU-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-WBU-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 BFW-LS4 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)

DIMENSIONS (mm)

PUSHBOTTON/LED ALLOCATION

I1 / O5	I3 / O7
I2 / O6	I4 / O8

TYPE SELECTION

Supply	Colour	Ordering no.
Battery supply	White	BFW-WLS4
	Light grey	BFG-WLS4
	Charcoal grey	BFA-WLS4

No frame included

ACCESSORIES

Programming cable to BGP-COD-BAT		GAP-TPH-CAB
Frame Baseline	White	40417
	Grey	40414
Charcoal Grey		40430-1