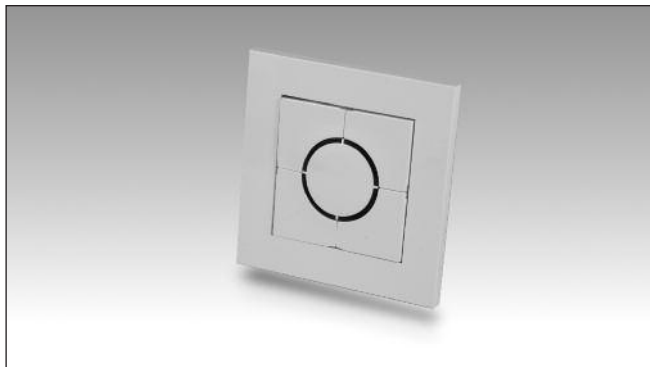


# Elko Light Switch Type BEx-LS4-U



- Light switch for building automation application
- Developed to fit into wall socket and frames from Elko
- 4 individually programmable pushbutton inputs
- Supplied by smart-house bus, no external supply required
- Blue LEDs: programmable function status

## Product Description

The BEx-LS4-U is a light switch with 4 buttons and 4 LED outputs. It is developed to be mounted into a 55 x 55 wall socket from Elko. The 4 blue LED's are individually programmable. The light switch is part of

the smart-house concept for building automation applications and can be used to control lights, roller blinds and all other functions supported by the smart-house controller. It is fully programmable via the SH tool.

## Ordering Key

**B E X L S 4 U**

smart-house \_\_\_\_\_  
Elko Mounting \_\_\_\_\_  
Colour \_\_\_\_\_  
Light switch \_\_\_\_\_  
Switch number \_\_\_\_\_  
Smart Dupline® \_\_\_\_\_

## Type Selection

Housing	Colour	LEDs	Supply by smart-house
55 x 55 mm	White	4 blue	BEW-LS4-U
"	Light grey	4 blue	BEG-LS4-U
"	Antracit grey	4 blue	BEA-LS4-U

## Input Specifications

Key Pad	4 pushbutton
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## Output Specifications

LED	4 blue
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## Dupline® Specifications

Voltage	8.2 V
Maximum Dupline® voltage	10 V
Minimum Dupline® voltage	4.5 V
Maximum Dupline® current	3 mA

## Supply Specifications

Power supply	Supplied by smart-house bus
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General Specifications

Address assignments / channel programming	If it is used with the SH2WEB24 the address assignment is automatic: the controller recognises the module through the SIN (Specific Identification Number) that has to be inserted in the configuration tool. If it is used with BH8-CTRL-230 the channels have to be programmed with the BGP-COD-BAT	Housing	
		Dimensions (including frame)	86x86x24 mm
		Material	Plastic
		Weight	50 g
Environment	Degree of protection Pollution degree Operating temperature Storage temperature Humidity (non-condensing)	CE Marking	Yes
		EMC	
		Immunity	EN 61000-6-2 EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6
		- Electrostatic discharge - Radiated radiofrequency - Burst immunity - Surge - Conducted radio frequency - Power frequency magnetic fields - Voltage dips, variations, interruptions	EN 61000-4-8  EN 61000-4-11 EN 61000-6-3
Connection	Screwless detachable D+ D-	Emission	
		- Conducted and radiated emissions - Conducted emissions - Radiated emissions	CISPR 22 (EN55022), cl. B CISPR 16-2-1 (EN55016-2-1) CISPR 16-2-3 (EN55016-2-3)
	IP 20 3 (IEC 60664) -20° to +50°C (-4° to 140°F) -30° to +60°C (-22° to 158°F) 20 to 80% RH		
	0.2 to 1.5 mm² Signal GND		

Mode of Operation

The BEx-LS4-U is fully programmable via the SH tool. Each push-button can be individually associated to one or more of the functions supported by the smart-house system.	SH2WEB24 controller, no addressing is needed since the module is provided with a specific identification number (SIN): the user has only to insert the SIN in the SH tool when creating the system configuration.	function status indication. If the Dupline® bus is faulty or missing, the LED will be OFF.	BGP-COD-BAT: this module has 4 input (push buttons) and 4 output (LEDs) channels. I/O 1-4: push button 1-4 I/O 5-8: LED 1-4
BEx-LS4-U connected to the SH2WEB24	LED programming Also the LEDs are configurable via SH Tool: •The 4 blue LEDs can be individually programmed as	BEx-LS4-U connected to the BH8-CTRLX-230	LED programming •Blue LEDs: The 4 blue LEDs can be individually programmed as function status indication. If the Dupline® bus is faulty or missing, the LED will be OFF.
Coding/Addressing If the light switch module is connected to the		Coding/Addressing If the light switch module is connected to the BH8-CTRLX-230 controller, the user has to program the Dupline® channels using the	

Dimensions (mm)

