ELKO Luxury Version Wireless Shutter Control User Manual

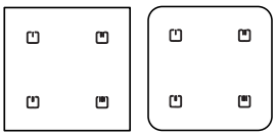
WIRELESS
SHUTTER CONTROL
(LUXURY VERSION)

Contents

Luxury Version Wireless Shutter Control

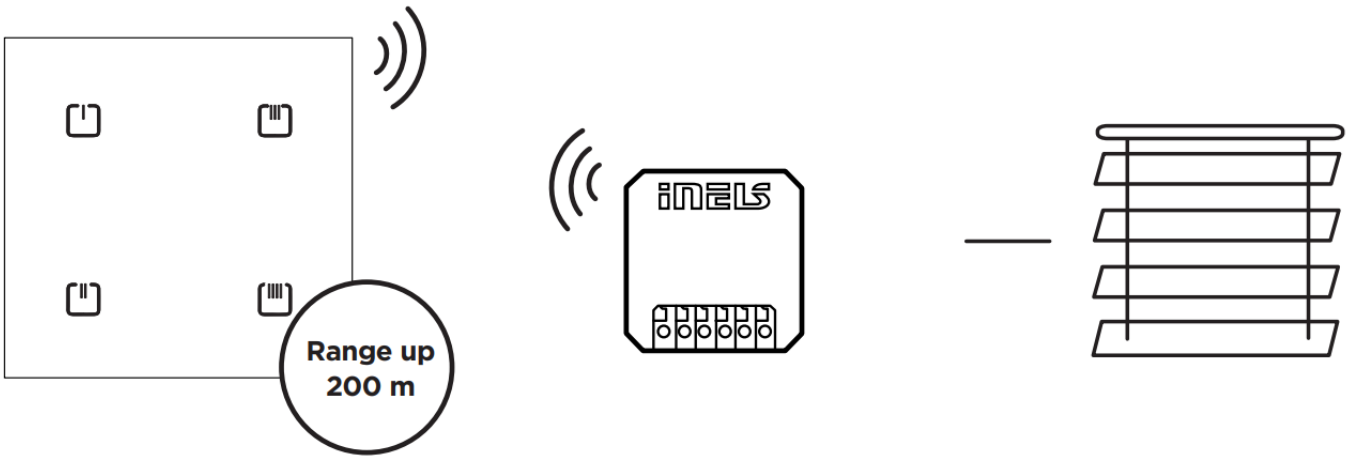
Combination of iNELS wall-mounted wireless controller and shutter switching device.

Package

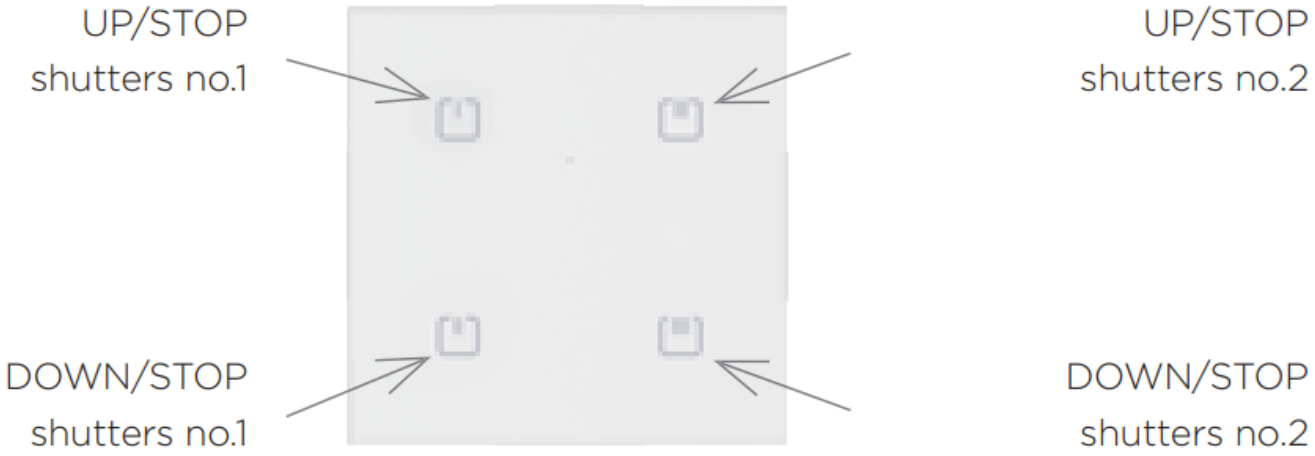
 Glass touch controller – 4 buttons, SHARP RFGB-40/W, RFGB-40/B
Glass touch controller – 4 buttons, ROUND RFGB-240/W, RFGB-240/B

 Switch unit for shutters RFJA-32B-SL

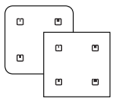
EAN 8595188183154 (Glass touch controller – 4 buttons, BLACK SHARP + Switch unit for shutters)
EAN 8595188183161 (Glass touch controller – 4 buttons, WHITE SHARP + Switch unit for shutters)
EAN 8595188183178 (Glass touch controller – 4 buttons, BLACK ROUND + Switch unit for shutters)
EAN 8595188183185 (Glass touch controller – 4 buttons, WHITE ROUND + Switch unit for shutters)



The individual elements in the iNELS set are paired and their functions are preset.
iNELS kit for shutters enables its remote control.



The settings of the wall controllers can be changed – see detailed manuals of iNELS elements.



Glass touch controller – 4 buttons,
SHARP/ROUND, RFGB-40/RFGB-240

RFGB-40/B – glass touch controller, SHARP – black, 4-buttons
RFGB-40/W – glass touch controller, SHARP – white, 4-buttons
RFGB-240/B – glass touch controller, ROUND – black, 4-buttons
RFGB-240/W – glass touch controller, ROUND – white, 4-buttons

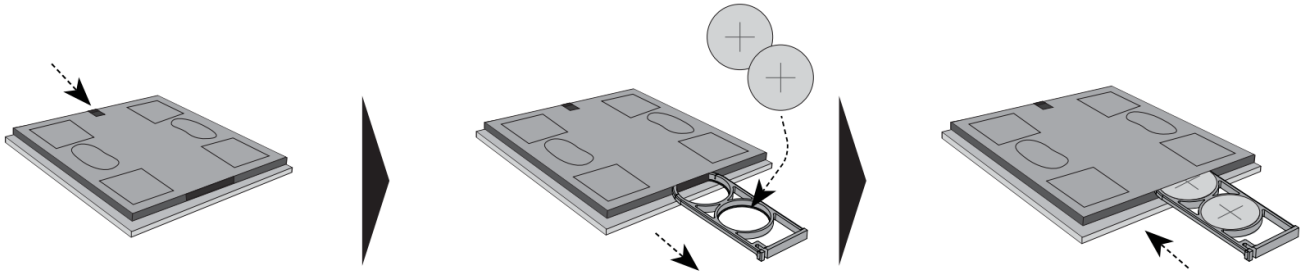
Detailed manual

RFGB-40
https://elko.li/rfgb-40

Characteristics
RFGB-240

- The wireless control – is used to control, lights, gates, garage doors, shutters, etc.
- Thickness is only 8 mm.
- 4 capacitive buttons allow you to control 2/4 of the components.
- Fast installation on any surface – the rear base allows screwing to the walls, gluing with double-sided tape, or just laying on the table

Replacement of a battery in 3 steps



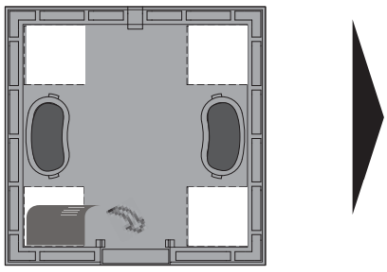
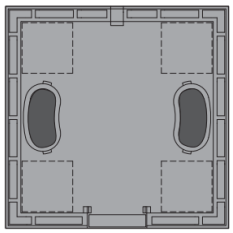
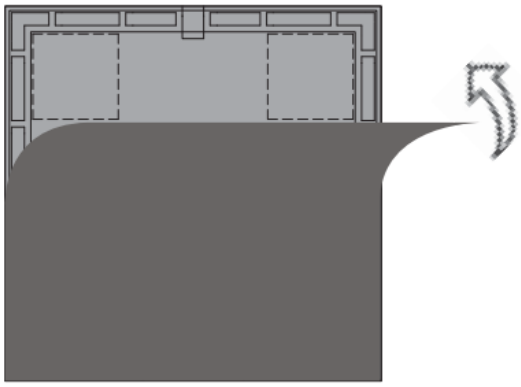
Press to open the plug-in battery holder (you can use a flat-blade screwdriver to open it)..

Insert the CR2032 battery into Battery holder. Watch out for polarity.

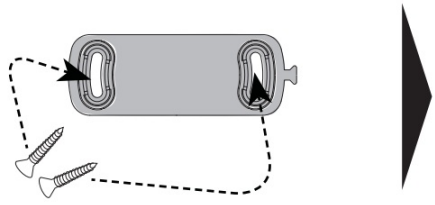
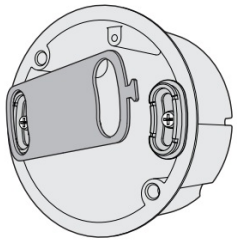
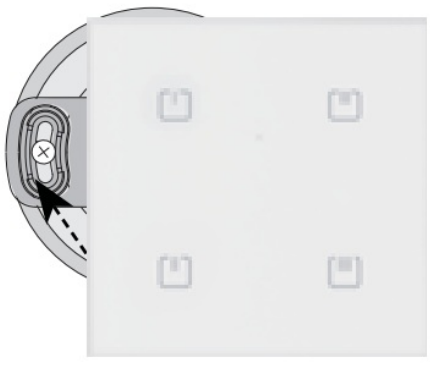
Insert the holder into the device.

Assembly

Adhesive

		
Peel off one protective layer on t he double-sided adhesive sheet s and stick them to the marked places on the controller.	Peel off the second protective layer on the double-sided adh esive sheets and place the co ntrol in the prepared place.	If the device is installed on glass, cover it wit h a cover foil

In the installation box or on the wall

		
Mount the snap bar on the controller into the installation box or on the wa ll	Place the mounting jig on the KU box and screw it on	Snap-on the controller.

Technical parameters
RFGB-40/RFGB-240

Power voltage:	about 2 years depending on the frequency of use
Battery life:	Red LED
Transmission indication	4
A number of capacitive buttons:	RFIO
Communication Protocol:	2
Frequency:	868.5 MHz
Signal transmission method:	one-way addressed message
Range:	in the open up to 200 m
Material:	Glass
Other data	
Operating Temperature:	-10 … +50 °C (14 … 122 °F)
Working Position	any
Mounting:	adhesive, screw
Protection	IP20
Pollution degree:	2
Dimension:	SHARP 94 x 94 x 8 mm (3.7“ x 3.7“x 0.3“) ROUND 100 x 100 x 8 mm (3.9“ x 3.9“ x 0.3“)
Weight:	SHARP 107 g/ ROUND 108 g
Related standards:	EN 60669, EN 300 220, EN 301 489

Notes

Switch unit for shutters
RFJA-32B-SL

Characteristics RFJA-32B-SL

- The switching unit for blinds has 2 output channels used to control garage doors, gates, blinds, awnings, etc…
- It can be combined with system components iNELS RF Control 2 with RFIO 2 protocol.
- The BOX design lets you mount it right in an installation box, a ceiling or a motor drive cover.
- Short presses of the controller enable tilting of lamellas, and a long press enables you to draw the blinds up or down to the end position.
- Each of the units may be controlled by up to 25 channels (1 channel represents one assigned controller).
- The programming button on the unit is also used for manual control of the output.

- For components, it is possible to set the repeater function via the RFAF / USB service device.
- Range up to 200 m (in open space), if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20 or protocol component RFIO 2 that supports this feature.
- Communication frequency with bidirectional protocol iNELS RF Control 2 (RFIO 2).

Installation options

mounting into a non-conducting drive housing

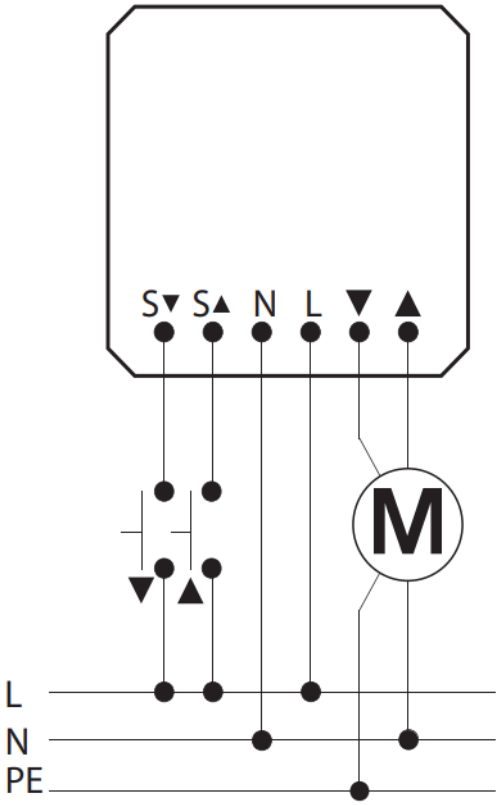
flush mounting

ceiling mounted

Technical parameters
RFJA-32B-SL

Supply voltage:	230 V AC / 50 – 60 Hz	
Apparent input:	7 VA / cos 9	= 01
Dissipated power:	0.7 W	
Supply voltage tolerance:	+10 -15 %	
Output:		
Number of contacts:	2x switching (AgSnO2)	
Rated current:	8 A / AC1	
Switching power:	2000 VA / AC1	
Peak current:	10 A / <3 s	
Switching voltage:	250 V AC1	
Control:		
RF, by command from transmitter:	868.5 MHz	
Manual control:	PROG (STOP, A, STOP,)	
Other data:		
Operating temperature:	-15 … + 50 °C (5 … 122 °F)	
Operating position:	any	
Mounting:	free at lead-in wires	
Protection:	IP30	
Overvoltage category:	III.	
Dimensions:	43 x 44 x 22 mm	
Weight:	45 g	
Related standards:	EN 60730, EN 63044, EN 300 220, EN 301 489	

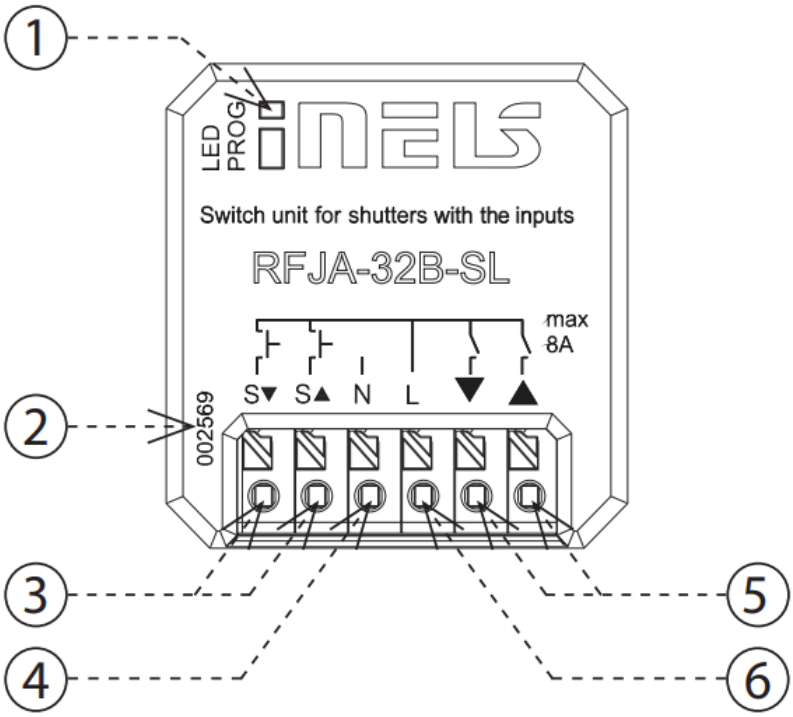
Connection



Indication, manual control

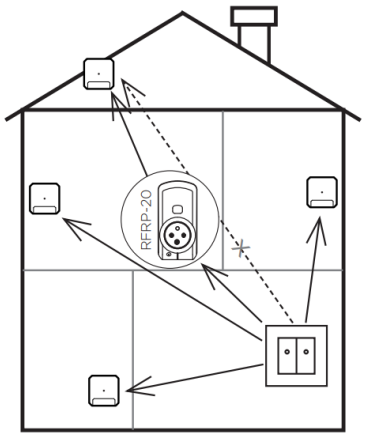
- LED STATUS – an indication of the device status.
- Manual control is performed by pressing the PROG button.
- Programming is performed by pressing the PROG button for more than 1s.
- Terminal block for connection of buttons. IN1 – direction button up IN2- button down.

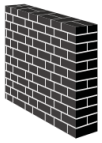
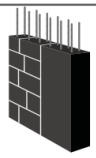
  In the programming and operating mode, the LED on the component lights up at the same time each time the button is pressed – this indicates the incoming command



1. LED/button PROG
2. Addresses for individual relays (channels)
3. Terminal block – connection for external button
4. Terminal block – connecting the neutral conductor
5. Terminal block – load connection
6. Terminal block for connecting the phase conductor

Radiofrequency signal penetration through various construction materials
Range up to 200 m in open space, if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20 or protocol component RFIO2 that supports this feature.



				
60 - 90 %	80 - 95 %	20 - 60 %	0 - 10 %	80- 90 %
brick walls	wooden structures with plaster boards	reinforced concrete	metal partitions	common glass

Warning
The instruction manual is designated for mounting and also for the usage of the device. It is always a part of its packing. Installation and connection can be carried out only by a person with adequate professional qualifi cation with understanding this instruction manual and functions of the device, and while observing all valid regulations. The trouble-free function of the device also depends on transportation, storing, and handling. In case you notice any sign of damage, deformation, malfunction or missing part, do not install this device and return it to its seller. It is necessary to treat this product and its parts as electronic waste after its lifetime is terminated. Before starting the installation, make sure that all wires, connected parts or terminals are de-energized. While mounting and servicing observe safety regulations, norms, directives, and professional, and export regulations for working with electrical devices. Do not touch parts of the device that are energized – life threat. Due to the transmissivity of RF signals, observe the correct location of RF components in a building where the installation is taking place. RF Control is designated only for mounting in interiors. Devices are not designated for installation in exteriors and humid spaces. They must not be installed into metal switchboards and into plastic switchboards with metal doors – transmissivity of RF signal is then impossible. RF Control is not recommended for pulleys etc. – the radiofrequency signal can be shielded by an obstruction, interfered, a battery of the transceiver can get fl at, etc. and thus disable the remote control.

Designed & Manufactured by:
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Documents / Resources

	**ELKO Luxury Version Wireless Shutter Control** [pdf] User Manual 8315, 8316, 8317, Luxury Version Wireless Shutter Control, Wireless Shutter Control, Shutter Control, Control

References

- **ELKO EP - Global relay manufacturer • ELKO EP**