



inELS 8319 Wireless Shutter Control Key Fob User Manual

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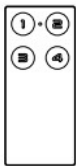



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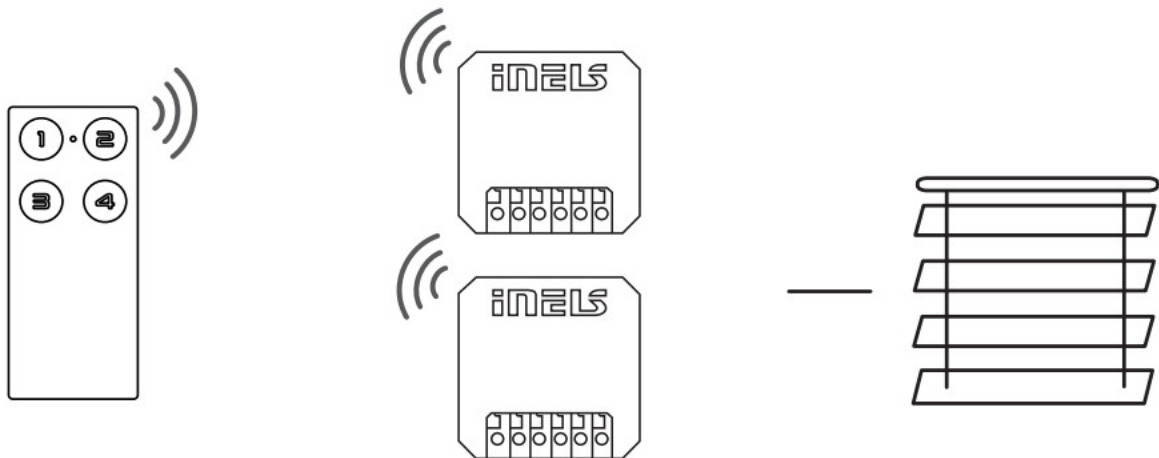
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8319 Wireless Shutter Control Key Fob

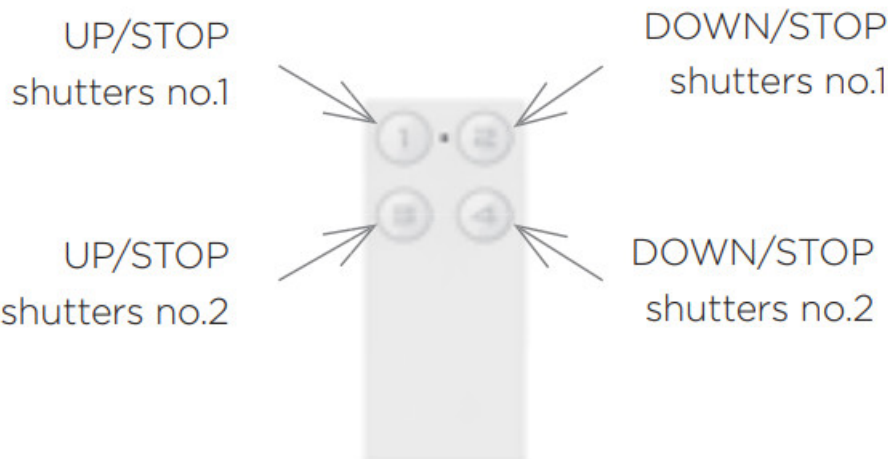
Combination of iNELS Key Fob and shutter switching device to control garage doors, gates, blinds and awnings
Package

	Controller – key fob RF KEY-40/W, RF KEY-40/B
	Switch unit for shutters RFJA-32B-SL

EAN 8595188183192 (Controller – key fob Black + 2 x Switch unit for shutters)
EAN 8595188183208 (Controller – key fob White + 2 x Switch unit for shutters)



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



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

 **Controller – key fob RF KEY-40**

Detailed manual



RF KEY 40

<https://www.elko.li/rfkey-40>

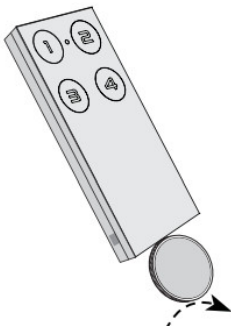
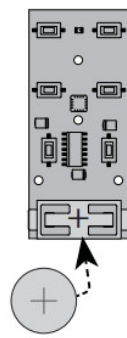
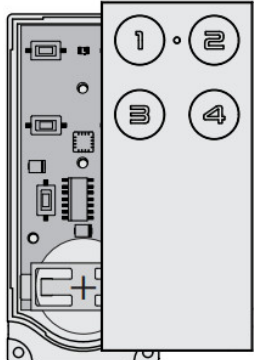
RF KEY 40/B – 4 button controller – keychain (remote control), black

RF KEY 40/W – 4 button controller – keychain (remote control), white

Characteristics

- Key fob-sized remote control – used to control, lights, gate, garage door, shutters, etc.
- 4 buttons, each of which allows you to control an unlimited number of components.
- Replaceable battery (3 V CR 2032 – included in the package) with a service life of approx. 5 years (depending on the frequency of use).

Insertion and replacement of a battery RF KEY-40

1 	2 	3 
Use a coin to open the key fob and remove the front cover. Carefully tap the device out of the bottom cover.	Slide the CR2032 battery into the battery holder. Observe the polarity.	Insert the device into the bottom cover. Attach the front of the cover and click.

Safe handling



When handling a device unboxed it is important to avoid contact with liquids. Never place the device on the conductive pads or objects, avoid unnecessary contact with the components of the device.

Technical parameters

RF KEY-40

Supply voltage:	3 V battery CR 2032
Battery life:	about 5 years depending on the frequency of use
Transmission indication:	red LED
Number of buttons:	4
Communication Protocol:	RFIO2
Frequency:	868,5 MHz
Signal transmission method:	one-way addressed message
Range:	in the open up to 200 m
Other data	
Operating temperature:	-10 . 50 °C (14 122 °F)
Operating position:	any
Colour design	white, black
Protection:	IP20
Pollution degree:	2
Dimensions:	64 x 25 x 10 mm
Weight:	16 g
Related standards:	EN 60669, EN 300 220. EN 301489, No 426/2000 Coll.

Attention

When you install iNELS RF Control system, you have to keep a minimal distance of 1 cm (0.4“) between each unit. Between the individual commands must be an interval of at least 1s.



Switch unit for shutters RFJA-32B-SL

Detailed manual



RFJA-32B-SL

<https://www.elko.li/rfja-32b-sl>

Characteristics

- 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 Control² with RFIO² protocol.
- The BOX design lets you mount it right in an installation box, a ceiling or 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 RFIO² that support this feature.
- Communication frequency with bidirectional protocol iNELS RF Control² (RFIO²).

Installation options

mounting into a non-conducting drive housing



flush mounting



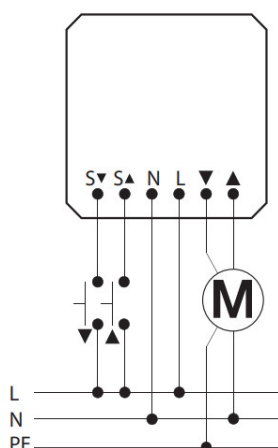
ceiling mounted



Technical parameters
RFJA-32B-SL

Supply voltage:	230 V AC / 50 – 60 Hz
Apparent input:	7 VA / $\cos \varphi = 0.1$
Dissipated power:	0.7 W
Supply voltage tolerance:	+10 -15 %
Output:	
Number of contacts:	2x switching (AgSnO ₂)
Rated current:	8A/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, ▲ 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

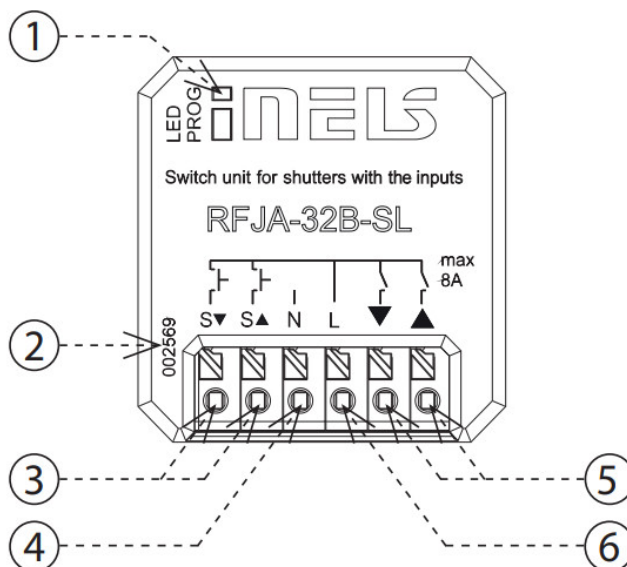
Connection



Indication, manual control

- LED STATUS – 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.

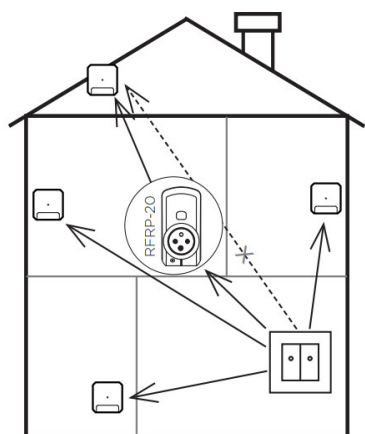
In the programming and operating mode, the LED on the component lights up at the same time each time the button is pressed – this indicates the incoming command



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

Instruction manual is designated for mounting and also for the use 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 qualification with understanding this instruction manual and functions of the device, and while observing all valid regulations. 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


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 transmissivity of RF signal, observe 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 into exteriors and humid spaces. The must not be installed into metal switchboards and into plastic switchboards with metal door – transmissivity of RF signal is then impossible. RF Control is not recommended for pulleys etc. – radiofrequency signal can be shielded by an obstruction, interfered, battery of the transceiver can get fl at etc. and thus disable remote control.

Designed & Manufactured by:

ELKO EP, s.r.o. Palackého 493, 769 01 Holešov, Všetuly,
Czech republic, www.elkoep.com
Hotline: +420 800 100 671



Documents / Resources

 <p>WIRELESS SHUTTER CONTROL KEY FOB</p>	<p>inELS 8319 Wireless Shutter Control Key Fob [pdf] User Manual 8319, Wireless Shutter Control Key Fob, 8319 Wireless Shutter Control Key Fob, Shutter Contr ol Key Fob, Control Key Fob, Key Fob, 8320, RF KEY-40</p>
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References

-  [ELKO EP - Global relay manufacturer • ELKO EP](#)