

Technical parameters	RFJA-32B/230V	RFJA-32B/120V	RFJA-32B/24V
Supply voltage:	230 V AC	120 V AC	5–24 V DC
Supply voltage frequency:	50–60 Hz	60 Hz	x
Apparent input:	7 VA/cos φ= 0.1	7 VA/cos φ= 0.1	x
Dissipated power:	0.7 W	0.7 W	x
Power without load:		x	0.5 W
Power under load:		x	20 W
Supply voltage tolerance:		+10 %; -15 %	

Input	
Input:	2x switch or GND

Output	
Number of contacts:	2 x switching (AgSnO ₂) contactless
Rated current:	8 A/AC1 1 A
Switching power:	2000 VA/AC1 x
Peak current:	10 A/<3 s 1.5 A/<3 s
Switching voltage:	250 V AC1 5–24 V DC*
Mechanical service life:	1x10 ⁷ x
Electrical service life (AC1):	1x10 ⁵ x

Control	
Wireless:	up to 25-channels (buttons)
Communication protocol:	RFIO2
Frequency:	866–922 MHz (for more information see p. 76)
Repeater function:	yes
Manual control:	PROG (STOP, ▲, STOP, ▼)
External button:	max. 12 m wire ▲**
Range:	in open space up to 100 m

Other data	
Operating temperature:	-15 to +50 °C
Operating position:	any
Mounting:	free at lead-in wires
Protection:	IP30
Overvoltage category:	III.
Contamination degree:	2
Terminals:	0.5–1 mm ²
Terminals (CY wire, cross section):	4 x 0.75 mm ²
Length of terminals:	90 mm
Dimensions:	49 x 49 x 21 mm 49 x 49 x 13 mm
Weight:	46 g 22 g
Related standards:	EN 60669, EN 300 220, EN 301 489 R&TTE Directive, Order. No 426/2000 Coll. (Directive 1999/EC)

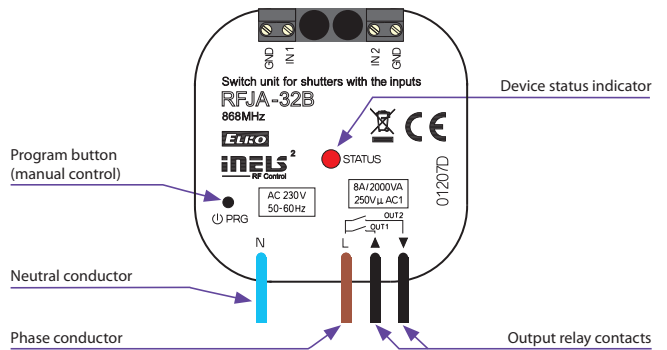
* Identical with supply voltage.

** We recommend using a twisted pair cable for this distance.

▲ The external button inputs are at the potential of the main supply voltage.

- The switching unit for blinds has 2 output channels used to control garage doors, gates, blinds, awnings, etc.
- It can be combined with Control or System units iNELS RF Control.
- **RFJA-32B/230V (120V):** relay contacts 2x 8 A (2x 2000 W), with the possibility of connecting external buttons. The relays block each other (only one direction of movement at a time).
- **RFJA-32B/24VDC:** contactless quiet switching with the ability to connect existing buttons. The drive is controlled by changing the polarity.
- Short presses (<2 s) of the controller enable tilting of lamellas, and a long press (>2 s) 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.
- The programming button on the unit is also used for manual control of the output.
- Range up to 100 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 RFIO2.
- The BOX design lets you mount it right in an installation box, a ceiling or motor drive cover.

Device description



Function description

1. Short presses (<2 s) of the control allow the slats to be tilted.
2. When the control button is pressed >2 s shutters move up (▲) or down (▼) until reaching the final position. The travel time of the blinds is set with the programming button.

Connection

