

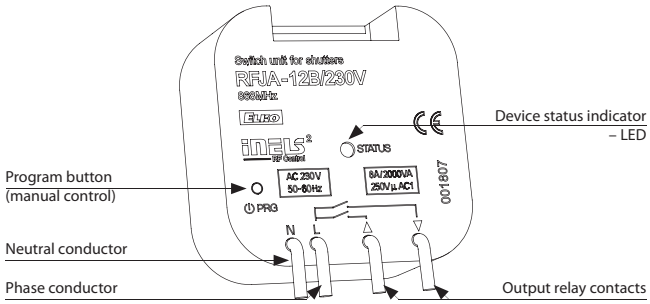
RFJA-12B/230V

Technical parameters	RFJA-12B/230V RFJA-32B/230V	RFJA-12B/120V RFJA-32B/120V	RFJA-12B/24V RFJA-32B/24V
Supply voltage:	230 V AC / 50 - 60 Hz	120 V AC / 60 Hz	5-24 V DC
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		250 W
Supply voltage tolerance:	+10 %; -15 %		
Input			
Input:	2x switch or GND *		
Output			
Number of contacts:	2 x switching ($AgSnO_2$)		x
Rated current:	8 A / AC1		x
Permanent current:	x		0.8 A
Switching power:	2000 VA / AC1		x
Peak current:	10 A / <3 s		1.5 A / <3 s
Switching voltage:	250 V AC1		x
Switching output voltage:	x		5-24 V DC**
Mechanical service life:	$1x10^7$		x
Electrical service life (AC1):	$1x10^5$		x
Control			
RF, by command from transmitter:	866 MHz, 868 MHz, 916 MHz		
Manual control:	PROG (STOP, ▲, STOP, ▼)		
Range in free 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)		

* For RFJA-32B only
** Identical with 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.
- The BOX design lets you mount it right in an installation box, a ceiling or motor drive cover.
- **RFJA-12B/230V (120V):** connection of switched load 2x 8 A (2x 2 000 W).
- **RFJA-12B/24VDC:** contactless quiet switching.
- **RFJA-32B/230V (120V):** connection of switched load 2x 8 A (2x 2 000 W), with the ability to connect existing buttons.
- **RFJA-32B/24VDC:** contactless quiet switching with the ability to connect existing buttons.
- 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 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 iNELS RF Control² (RFIO²).

Device description

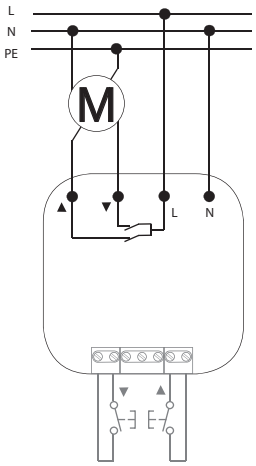


Function description

1. When the control button is pressed for less than 2 seconds, shutters move up (▲) or down (▼).
2. When the control button is pressed for more than 2 seconds, shutters move up (▲) or down (▼) until reaching the final position.

Connection

RFJA-12B/230V, RFJA-12B/120V
(Without terminal blocks)
RFJA-32B/230V, RFJA-32B/120V
(With Terminal Blocks for switch Up and Down Buttons)



RFJA-12B/24VDC
(Without terminal blocks)
RFJA-32B/24VDC
(With Terminal Blocks for switch Up and Down Buttons)

