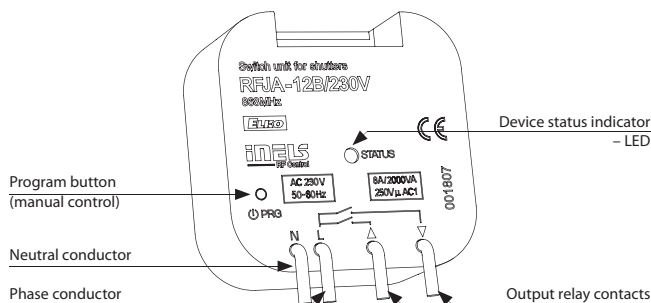


- The switching unit for blinds has 2 output channels used to control garage doors, gates, blinds, awnings, etc.
- It can be combined with Control or System units iNELS RF Control.
- The BOX design lets you mount it right in an installation box, a ceiling or motor drive cover.
- **RFJA-12B/230V:** connection of switched load 2x 8 A (2x 2 000 W).
- **RFJA-12B/24VDC:** contactless quiet switching.
- 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 32 channels (1 channel represents 1 button on the controller).
- 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.
- Communication frequency with bidirectional protocol iNELS RF Control.

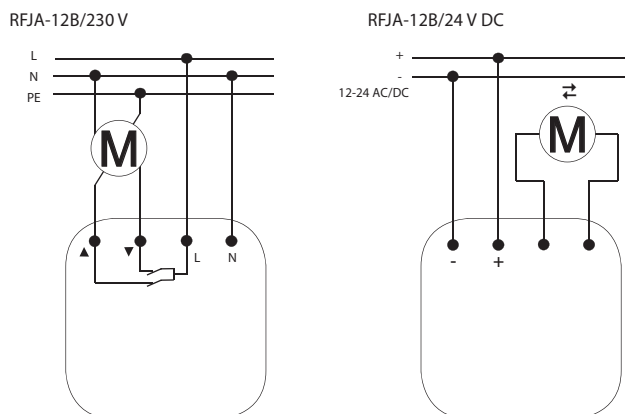
**Device description**



**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**



Technical parameters	RFJA-12B/230V	RFJA-12B/120V	RFJA-12B/24V
Supply voltage:	230 V AC / 50 - 60 Hz	120 V AC / 60 Hz	12-24 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	x	0.5 W
Power under load:	x	x	25 W
Supply voltage tolerance:	+10 %; -15 %		
<b>Output</b>			
Number of contacts:	2 x switching (AgSnO <sub>2</sub> )	x	x
Rated current:	8 A / AC1	x	x
Permanent current:	x	1 A	x
Switching power:	2000 VA / AC1	x	x
Peak current:	10 A / <3 s	1.5 A	x
Switching voltage:	250 V AC1	x	x
Switching output voltage*:	x	12-24 V DC*	x
Mechanical service life:	1x10 <sup>7</sup>	x	x
Electrical service life (AC1):	1x10 <sup>5</sup>	x	x
<b>Control</b>			
RF, by command from transmitter:	866 MHz, 868 MHz, 916 MHz, 922 MHz		
Manual control:	PROG (STOP, ▲, STOP, ▼)		
Range in free space:	up to 100 m		
<b>Other data</b>			
Operating temperature:	-15 to + 50 °C		
Operating position:	any		
Mounting:	free at lead-in wires		
Protection:	IP30		
Overvoltage category:	III.		
Contamination degree:	2		
Terminals (CY wire, cross section):	4 x 0.75 mm <sup>2</sup>		
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