



RFJA-12B/230V



RFJA-12B/24VDC

## CONTROLS



## EAN code

RFJA-12B/230V: 8595188137010 / RFJA-12B/24V DC: 8595188140614

Technical data	RFJA-12B/230V	RFJA-12B/24VDC
Supply voltage:	230 V AC / 50 - 60 Hz	12-24 V DC
Apparent input:	7 VA / $\cos \varphi = 0.1$	x
Dissipated power:	0.7 W	x
Power without load:	x	0.5 W
Power under load:	x	25 W
Supply voltage tolerance:	+10 -15 %	
<b>Output</b>		
Number of contacts:	2 x switching (AgSnO <sub>2</sub> )	x
Rated current:	8 A / AC1	x
Permanent current:	x	1 A
Switching power:	2000 VA / AC1	x
Peak current:	10 A / <3 s	1.5 A
Switching voltage:	250 V AC1	x
Switching output voltage*:	x	12-24 V DC*
Mechanical service life:	1x10 <sup>7</sup>	x
Electrical service life (AC1):	1x10 <sup>5</sup>	x
<b>Control:</b>		
RF, by command from transmitter:	868 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:	IP 30	
Overvoltage category:	III.	
Contamination degree:	2	
Terminals:	CY wire, cross section 4x0.75 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 RTTE Directives, Gov. Reg. No.426/2000 Sb. (Directive 1999/EC)	

\* Identical with supply voltage

\*\* For more information, see p. 36

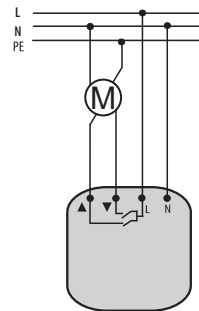
## Function description

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

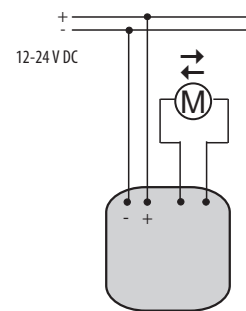
- RF shutter ACTUATOR is used for controlling shutter engines, window shutters, garage gates, etc.
- RFJA-12B/230V: switches 230V AC electric engines, which are controlled in two directions and have built-in protector terminal switch.
  - the time function of the relay "remembers" the time of closing and opening the blinds
- RFJA-12B/24V DC: controls particularly shutters and blinds installed inside the window (12-24V DC electric engines), with built-in terminal switch, where direction of the motion is controlled by switching polarity
  - the time function of the relay "remembers" the time of closing and opening the blinds
  - contactless and noise-free switching
- each actuator can be controlled by up to 32 channels (1 channel is represented by 1 button on the wireless wall switch button, keychain or the RF Touch-W / RF Touch-B unit).
- LED indicator of the device status on the front panel
- for programming and manual control, press the Prog button
- for mounting in an installation box (such as KU-68) or to be installed into non-conducting covers of unit engines
- possibility to assign receivers to the RF Control system

## Wiring

RFJA-12B/230V



RFJA-12B/24VDC



## Device description

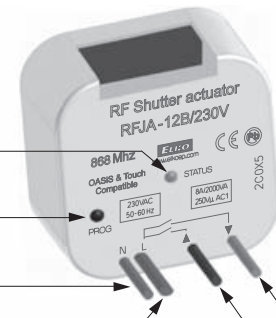
RFJA-12B/230V

Device status indicator – LED

Program button (manual control)

Neutral conductor

Phase conductor



Output relay contacts

## Example of use

