



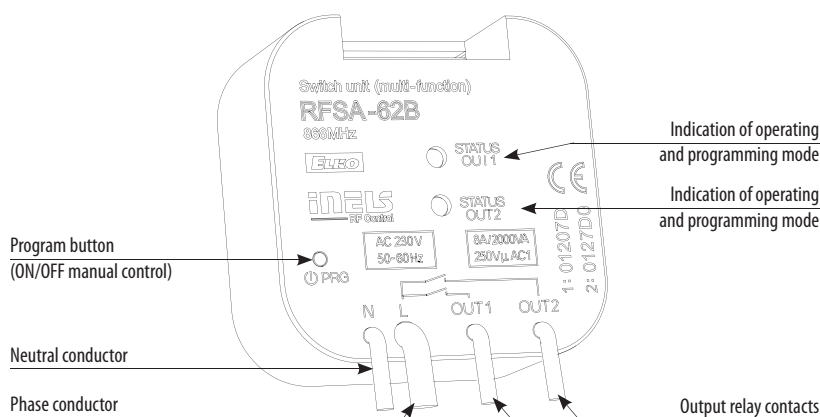
- The switching unit with 2 output channels is used for controlling appliances and light circuits.
- It can be combined with Control or System units iNELS RF Control.
- The BOX design lets you mount it right in an installation box, a ceiling or controlled appliance cover.
- It enables connection of switched load 2 x 8A (2 x 2.000 W).
- Function: button, impulse relay and time function of delayed start and return with time setting range of 2s-60 min.  
It is possible to assign any function to each output relay.
- Each of the channels 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.

Technical parameters	RFSA-62B/230V	RFSA-62B/120V	RFSA-62B/24V
Supply voltage:	230 V AC / 50-60 Hz	120 V AC / 60Hz	12-24V AC/DC 50-60Hz
Apparent input:	7 VA / cos φ = 0.1	7 VA / cos φ = 0.1	-
Dissipated power:	0.7 W	0.7 W	0.7 W
Supply voltage tolerance:	+10 %; -15 %		
Output			
Number of contacts:	2 x switching (AgSnO <sub>2</sub> )		
Rated current:	8 A / AC1		
Switching power:	2000 VA / AC1		
Peak current:	10 A / <3 s		
Switching voltage:	250 V AC1		
Max. DC switching power:	500 mW		
Mechanical service life:	1x10 <sup>7</sup>		
Electrical service life (AC1):	1x10 <sup>5</sup>		
Control			
RF, by command from transmitter:	868 MHz, 915 MHz, 916 MHz		
Manual control:	PROG (ON/OFF) button		
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 (CY wire, cross-section):	1 x 2.5 mm <sup>2</sup> , 3 x 0.75 mm <sup>2</sup>		1 x 2.5, 4 x 0.75 mm <sup>2</sup>
Length of terminals:	90 mm		
Dimensions:	49 x 49 x 21 mm		
Weight:	46 g		
Related standards:	EN 60669, EN 300 220, EN 301 489 R&TTE Directive, Order. No 426/2000 Coll. (Directive 1999/EC)		

## Function

For more information, see p. 56.

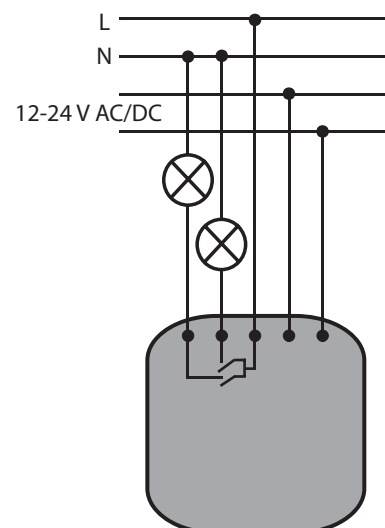
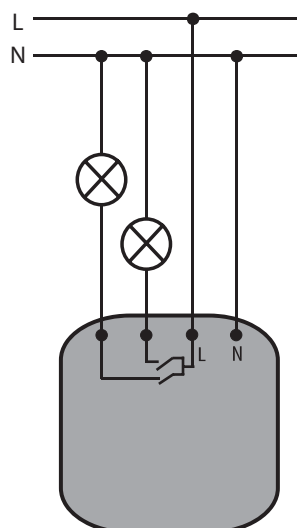
## Device description



## Connection

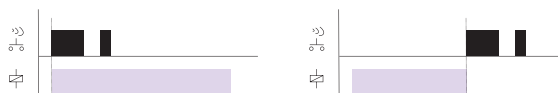
RFSA-62B/230V  
RFSA-62B/120V

RFSA-62B/24V



## Single function RFSA-11B

## Function button ON/OFF



The output contact closes by pressing one button position, and opens by pressing the other button position.

## Multi function RFSA-61B, RFSA-62B, RFSA-61M, RFSA-66M, RFSAI-61B, RFSC-61, RFUS-61

## Function 1 - button



The output contact will be closed by pressing the button and opened by releasing the button.

## Function 2 - switch on



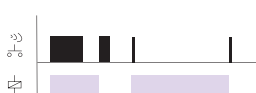
The output contact will be closed by pressing the button.

## Function 3 - switch off



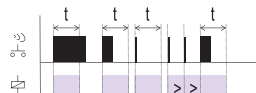
The output contact will be opened by pressing the button.

## Function 4 - impulse relay



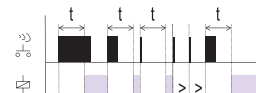
The output contact will be switched to the opposite position by each press of the button. If the contact was closed, it will be opened and vice versa.

## Function 5 - delayed off



The output contact will be closed by pressing the button and opened after the set time interval has elapsed.  
 $t = 2s...60min.$

## Function 6 - delayed on



The output contact will be opened by pressing the button and closed after the set time interval has elapsed.  
 $t = 2s...60min.$

## Loadability products

## RFJA-12B; RFSA-62B; RFSA-66M; RFSTI-11/G; RFGSM-220M

Load type	$\cos \phi \geq 0.95$ AC1	AC2	AC3	AC5a without compensation	AC5a with compensation	AC5b	AC6a	AC7b	AC12
Contact material AgSnO <sub>2</sub> Contact 8A	250V / 8A	250V / 5A	250V / 4A	x	x	250W	250V / 4A	250V / 1A	250V / 1A
Load type	AC13	AC14	AC15	DC1	DC3	DC5	DC12	DC13	DC14
Contact material AgSnO <sub>2</sub> Contact 8A	x	250V / 4A	250V / 3A	30V / 8A	24V / 3A	30V / 2A	30V / 8A	30V / 2A	x

## RFUS-61

Load type	$\cos \phi \geq 0.95$ AC1	AC2	AC3	AC5a without compensation	AC5a with compensation	AC5b	AC6a	AC7b	AC12
Contact material AgSnO <sub>2</sub> Contact 14A	250V / 14A	250V / 5A	250V / 3A	230V / 3A (690VA)	230V / 3A (690VA) up to max input C=14uF	1000W	x	250V / 3A	x
Load type	AC13	AC14	AC15	DC1	DC3	DC5	DC12	DC13	DC14
Contact material AgSnO <sub>2</sub> Contact 14A	x	250V / 6A	250V / 6A	24V / 10A	24V / 3A	24V / 2A	24V / 6A	24V / 2A	x

## RFSA-11B; RFSA-61B; RFSA-61M; RFSTI-11B; RFDAC-71B, RFSC-61, RFSAI-61B

Load type	$\cos \phi \geq 0.95$ AC1	AC2	AC3	AC5a without compensation	AC5a with compensation	AC5b	AC6a	AC7b	AC12
Contact material AgSnO <sub>2</sub> Contact 16A	250V / 16A	250V / 5A	250V / 3A	230V / 3A (690VA)	230V / 3A (690VA) up to max input C=14uF	1000W	x	250V / 3A	250V / 10A
Load type	AC13	AC14	AC15	DC1	DC3	DC5	DC12	DC13	DC14
Contact material AgSnO <sub>2</sub> Contact 16A	x	250V / 6A	250V / 6A	24V / 10A	24V / 3A	24V / 2A	24V / 6A	24V / 2A	x