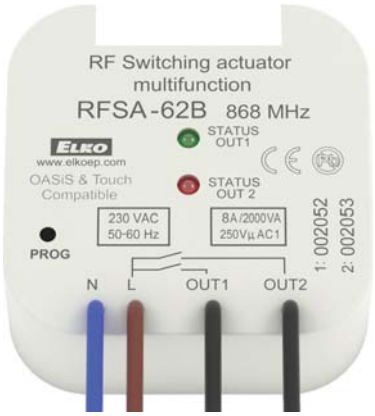


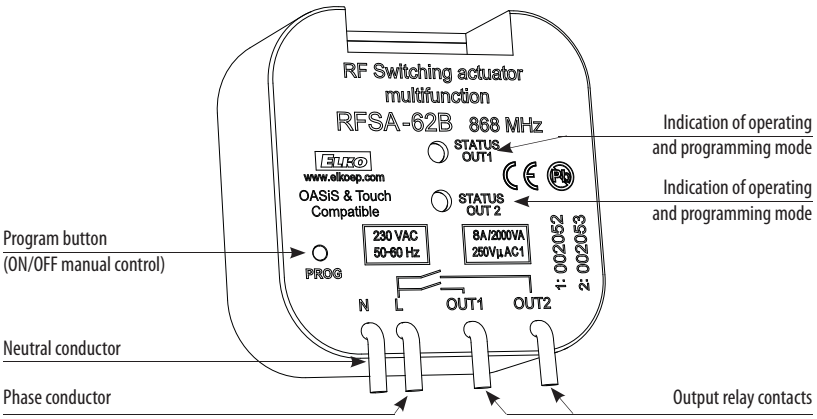
- The switching unit with 2 output channels is used for controlling appliances and light circuits.
- It can be combined with Control or System units iNELS RF Control.
- The BOX design lets you mount it right in an installation box, a ceiling or controlled appliance cover.
- It enables connection of switched 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		
Supply voltage:	230 V AC / 50 - 60 Hz	120 V AC / 60Hz	12-24 V 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 ($AgSnO_2$)		
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:	$1x10^7$		
Electrical service life (AC1):	$1x10^5$		
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:	IP 30		
Overvoltage category:	III.		
Contamination degree:	2		
Terminals (CY wire, cross-section):	1 x 2.5 mm^2, 3 x 0.75 mm^2		
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)		

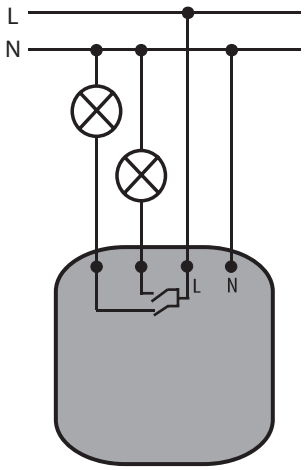
Function

For more information, see p. 54.

Device description



Connection



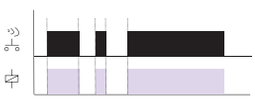
Single function RFSA-11B, RFSC-11, RFUS-11

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

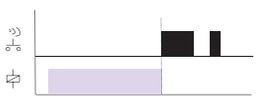


The output contact will be closed by pressing the button and opened by releasing the button.

Function 2 - switch on

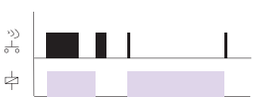
The output contact will be closed by pressing the button.

Function 3 - switch off



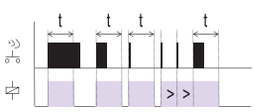
The output contact will be opened by pressing the button.

Function 4 - impulse relay



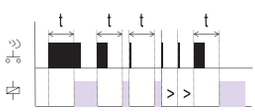
The output contact will be switched to the opposite position by each press of the button. If the contact was closed, it will be opened and vice versa.

Funcion 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 φ ≥ 0.95 AC1	M AC2	M AC3	AC5a without compensation	AC5a with compensation	HAL.230V AC5b	AC6a	AC7b	AC12
Contact material $AgSnO_2$ Contact 8A	250V / 8A	250V / 5A	250V / 4A	x	x	250W	250V / 4A	250V / 1A	250V / 1A
Load type	AC13	AC14	AC15	DC1	M DC3	M DC5	DC12	DC13	DC14
Contact material $AgSnO_2$ Contact 8A	x	250V / 4A	250V / 3A	30V / 8A	24V /3A	30V / 2A	30V / 8A	30V / 2A	x

RFUS-11; RFUS-61

Load type	cos φ ≥ 0.95 AC1	M AC2	M AC3	AC5a without compensation	AC5a with compensation	HAL.230V AC5b	AC6a	AC7b	AC12
Contact material $AgSnO_2$ 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	M DC3	M DC5	DC12	DC13	DC14
Contact material $AgSnO_2$ 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-11, RFSC-61, RFSAI-61B

Load type	cos φ ≥ 0.95 AC1	M AC2	M AC3	AC5a without compensation	AC5a with compensation	HAL.230V AC5b	AC6a	AC7b	AC12
Contact material $AgSnO_2$ 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	M DC3	M DC5	DC12	DC13	DC14
Contact material $AgSnO_2$ Contact 16A	x	250V / 6A	250V / 6A	24V 10A	24V /3A	24V /2A	24V / 6A	24V / 2A	x