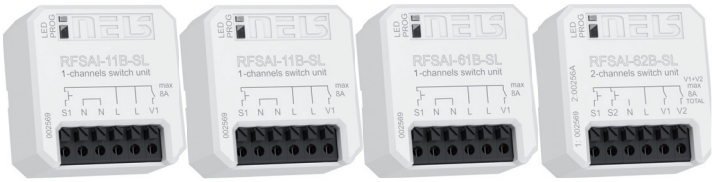
RFSAI-61B-SL, RFSAI-62B-SL, RFSAI-11B-SL, RFSAI-61BPF-SL | Switch unit with the inputs for external buttons



Multi-function 1 output galvanically separated | Multi-function 1 output | Multi-function 1 output | Multi-function 2 outputs

EAN code:
RFSAI-61BPF-SL: 8595188189101
RFSAI-11B-SL: 8595188183758
RFSAI-61B-SL: 8595188182041
RFSAI-62B-SL: 8595188182010

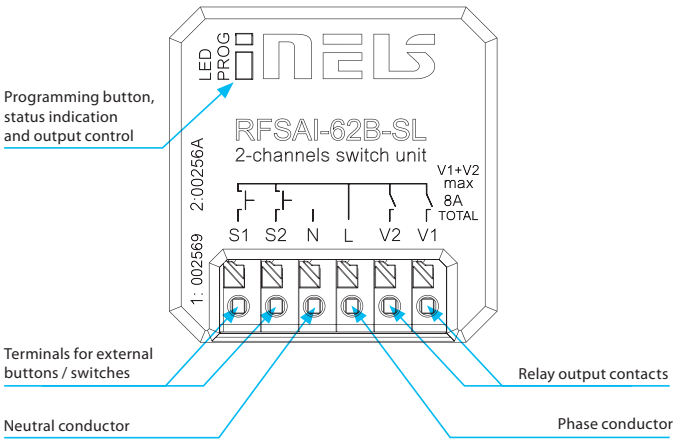
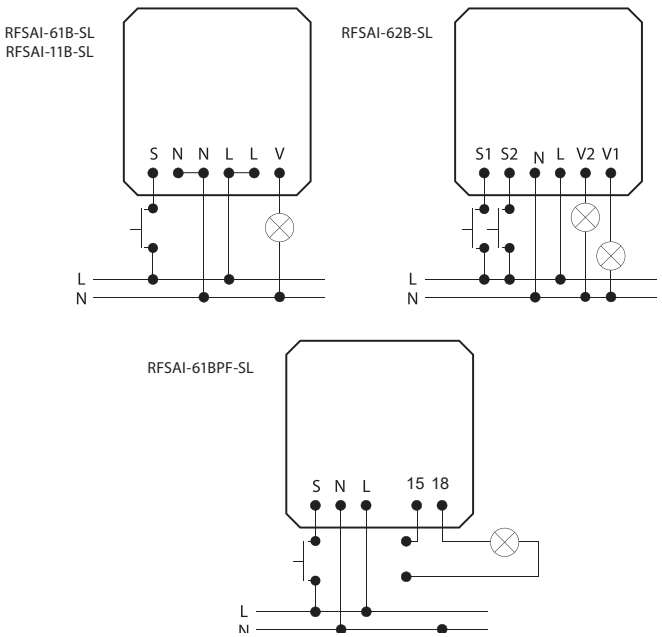
Technical parameters	RFSAI-61BPF-SL	RFSAI-11B-SL	RFSAI-61B-SL	RFSAI-62B-SL
Supply voltage:	230 V AC			
Supply voltage frequency:	50-60 Hz			
Apparent input:	7 VA / cos φ = 0.1			
Dissipated power:	0.7 W			
Supply voltage tolerance:	+10 %; -15 %			
Output				
Number of contacts:	1x switching			2x switching
Rated current:	8 A / AC1			
Switching power:	2000 VA / AC1			
Peak current:	Ipeak <110A 300us / max. input capacity 125 uF			
Switching voltage:	250 V AC1			
Mechanical service life:	$1x10^7$			
Electrical service life (AC1):	$1x10^5$			
Control				
Wireless:	25-channels			2 x 12-channels
Number of functions:	6	1	6	6
Communication protocol:	RFIO2			
Frequency:	866–922 MHz (for more information see p.72)			
Repeater function:	yes			
Manual control:	button PROG (ON/OFF)			
External button / switch:	yes			
Range:	in open space up to 200 m			
Other data				
Operating temperature:	-15 to + 50 °C			
Operating position:	any			
Mounting:	free at lead-in wires			
Protection:	IP40			
Overvoltage category:	III.			
Contamination degree:	2			
Connection:	screwless terminals			
Connecting conductor:	0.2-1.5 mm^2 solid/flexible			
Dimensions:	43 x 44 x 22 mm			
Weight:	31g			45 g
Related standards:	EN 60730, EN 63044, EN 300 220, EN 301 489			

Function description

1. Button, impulse relay and time functions of delayed start or return with time setting 2 s-60 min. Any function can be assigned to each output relay.
2. The programming button on the element also serves as a manual input control.

- The switching component with one/two output relays is used to control appliances and lights. Switches/buttons connected to the wiring can be used for control.
- They can be combined with Detectors, Controllers or iNELS RF Control System Components.
- The BOX-SL version offers installation directly in the installation box, ceiling or cover of the controlled appliance. Easy installation thanks to screwless terminals.
- It allows the connection of switched loads with a total sum of 8 A (2,000 W).
- Functions: for RFSAI 61B-SL, RFSAI 62B-SL and RFSAI-61BPF-SL - pushbutton, impulse relay and time functions of delayed start or return with time setting 2 s-60 min. Any function can be assigned to each output relay. For RFSAI-11B-SL, the button has a fixed function - ON / OFF.
- The external button is assigned in the same way as the wireless one.
- Each of the outputs can be controlled by up to 12/12 channels (1-channel represents one button on the controller). Up to 25 channels for RFSAI 61B-SL, RFSAI 62B-SL and RFSAI-61BPF-SL.
- The programming button on the component also serves as a manual output control.
- Possibility to set the output status memory in case of failure and subsequent power recovery.
- The elements of the repeater can be set for the components via the RFAF / USB service device, PC, application.
- Range up to 200 m (outdoors), in case of insufficient signal between the controller and the device, use the RFRP-20 signal repeater or component with the RFIO2 protocol that support this function.
- Communication with bidirectional RFIO2 protocol.
- The contact material of the $AgSnO_2$ relay enables switching of light ballasts.

Device description



Connection