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

Single-function 1 output

EAN code:
RFSAI-11B-SL: 8595188183758

Multi-function 1 output

RFSAI-61B-SL: 8595188182041

Multi-function 2 outputs
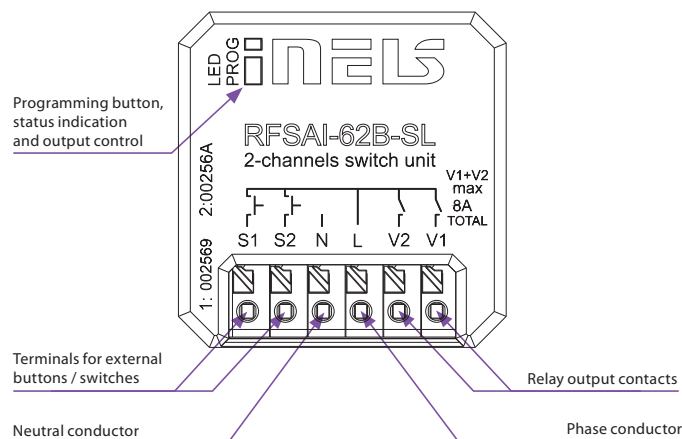
RFSAI-62B-SL: 8595188182010

- 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 and RFSAI 62B-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 and RFSAI-11B-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.

Technical parameters	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	2xswitching
Rated current:		8 A / AC1	
Switching power:		2000 VA / AC1	
Peak current:		10 A / <3 s	
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:	1	6	6
Communication protocol:		RFIO2	
Frequency:		866–922 MHz (for more information see p. 70)	
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	

Device description

Programming button, status indication and output control

Terminals for external buttons / switches

Neutral conductor

Relay output contacts

Phase conductor

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.

Connection

RFSAI-61B-SL
RFSAI-11B-SL

RFSAI-62B-SL