

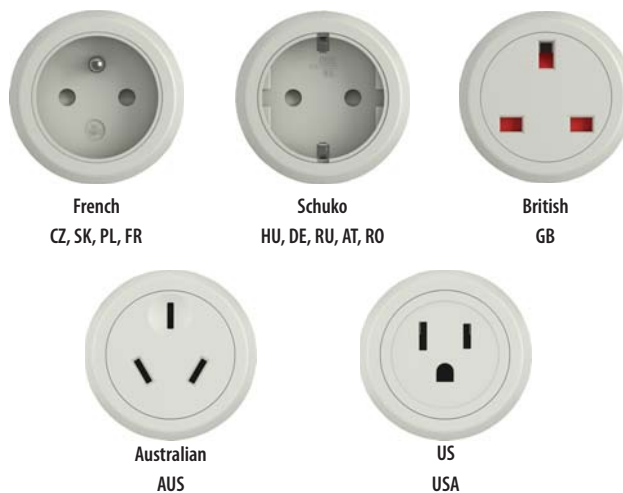


- The switched socket with 1 output channel is used to control fans, lamps, heaters and appliances, which are connected by a power cord.
- They can be combined with either Control or System units iNELS RF Control.
- Thanks to the socket design, installation is simple by direct insertion into the existing socket.
- It enables connection of the switched load up to 16A (4.000 W).
- **RFSC-11:** single-function design - switch on / off.
- **RFSC-61:** multi-function design – button, impulse relay and time function of delayed ON or OFF with time setting of 2s-60 min.
- The switched socket may be controlled by up to 32 channels (1 channel represents 1 button on the controller).
- The programming button on the socket is also used for manual control of the output.
- Range up to 200 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.

• Produced in 5 designs of sockets and plugs:

Technical parameters

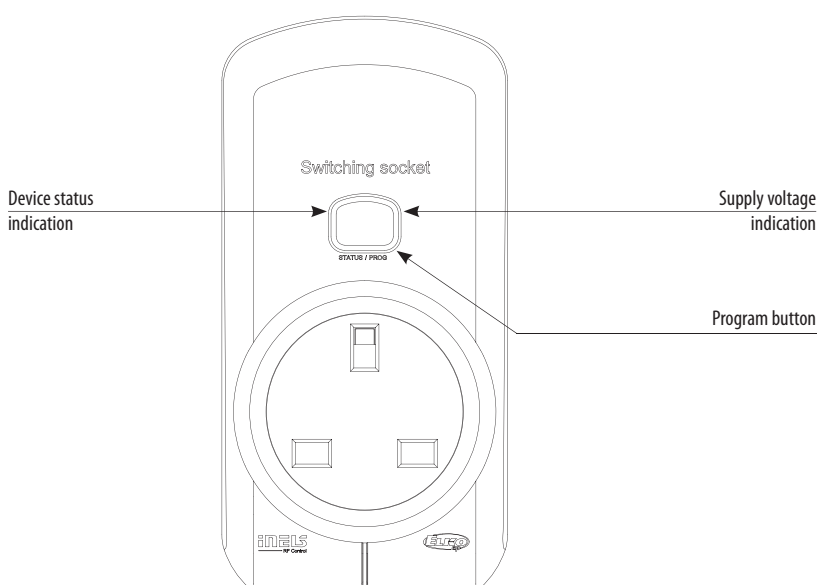
Supply voltage:	230 - 250V / 50-60Hz	120 V AC / 60Hz
Apparent power:	6 VA	
Dissipated power:	0.7 W	
Supply voltage tolerance:	+10 %; -15 %	
Output		
Number of contacts:	1x switching (AgSnO ₂)	
Rated current:	16 A / AC1	
Switching power:	4000 VA / AC1, 384 W / DC	
Peak current:	30 A / <3 s	
Switching voltage:	250 V AC1 / 24 V DC	
Min. switching power DC:	500 mW	
Mechanical service life:	3x10 ⁷	
Electrical service life (AC1):	0.7x10 ⁵	
Control		
RF command from the transmitter:	868 MHz, 915 MHz, 916 MHz	
Manual control:	button PROG (ON/OFF)	
Range in open space:	up to 200 m	
Other data		
Operating temperature:	-15 up to + 50 °C	
Working position:	any	
Mounting:	plug into a socket	
Protection:	IP 30	
Overvoltage category:	III.	
Contamination degree:	2	
Dimensions:	60 x 120 x 80 mm	
Weight:	195 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



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

<p>Function 1 - button</p> <p>The output contact will be closed by pressing the button and opened by releasing the button.</p>	<p>Function 2 - switch on</p> <p>The output contact will be closed by pressing the button.</p>	<p>Function 3 - switch off</p> <p>The output contact will be opened by pressing the button.</p>
<p>Function 4 - impulse relay</p> <p>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.</p>	<p>Function 5 - delayed off</p> <p>The output contact will be closed by pressing the button and opened after the set time interval has elapsed. t = 2s...60min.</p>	<p>Function 6 - delayed on</p> <p>The output contact will be opened by pressing the button and closed after the set time interval has elapsed. t = 2s...60min.</p>

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 ₂ 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 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	$\cos \phi \geq 0.95$ AC1	AC2	AC3	AC5a without compensation	AC5a with compensation	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	DC3	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	$\cos \phi \geq 0.95$ AC1	AC2	AC3	AC5a without compensation	AC5a with compensation	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	DC3	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