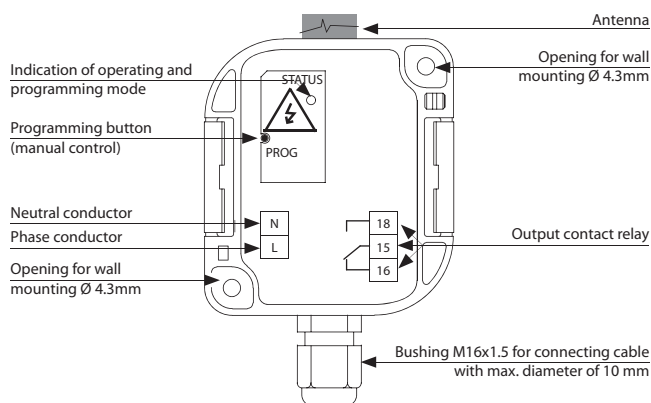




Technical parameters	RFUS-61/230V	RFUS-61/120V	RFUS-61/24V
Supply voltage:	230 V AC / 50-60 Hz	120 V AC / 60 Hz	12-24 V AC/DC 50-60 Hz
Apparent power:	5 VA / $\cos \varphi = 0.1$	5 VA / $\cos \varphi = 0.1$	-
Dissipated power:	0.6 W	0.6 W	0.6 W
Supply voltage tolerance:	+10 %; -15 %		
Output			
Rated current:	1 x switching (AgSnO ₂)		
Number of contacts:	12 A / AC1		
Switching power:	3000 VA / AC1, 384 W / DC		
Peak current:	30 A / <3 s		
Peak current:	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:	866 MHz, 868 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		
Operating position:	any		
Mounting:	screws		
Protection:	IP65		
Overvoltage category:	III.		
Contamination degree:	2		
Cross-section of connecting wires (mm ²):	max. 1x 2.5, max. 2x 1.5 / with a hollow max. 1x 2.5		
Recommended power cord:	CYKY 3x1.5 (CYKY 4x1.5)		
Dimensions:	136 x 62 x 34 mm		
Weight:	146 g		
Related standards:	EN 60669, EN 300 220, EN 301 489 R&TTE Directive, Order. No 426/2000 Coll. (Directive 1999/EC)		

- The switching unit with 1 output channel is used for controlling appliances, sockets or lights.
- They can be combined with detectors, controllers, iNELS RF Control or system components.
- The increased IP 65 protection is suited to mounting on the wall or in harsh environments such as the cellar, garage or bathrooms.
- It enables connection of the switched load up to 12 A (3.000 W).
- Multi-function design – button, impulse relay and time function of delayed ON or OFF with time setting of 2 s-60 min.
- The switching unit may be controlled by up to 25 channels (1 channel represents 1 button on the controller).
- The programming button on the unit is also used for manual control of the output.
- Memory status can be pre-set in the event of a power failure.
- For components it is possible to set the repeater function via the RFAF / USB service device.
- Range up to 200 m (in open space), if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20 or protocol component RFIO² that support this feature.
- Communication frequency with bidirectional protocol iNELS RF Control² (RFIO²).

Device description



Function

For more information see p. 64.

Connection

RFUS-61/120 V
RFUS-61/230 V

RFUS-61/24 V

