RFSA-61MI, RFSA-61M | Switch unit, 1-channel

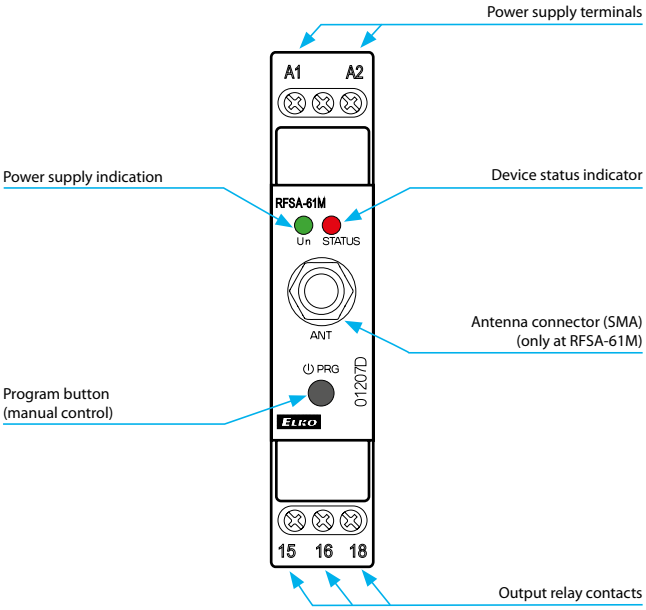
EAN code:
RFSA-61MI: 8595188181549
RFSA-61M: 8595188137003

Technical parameters	RFSA-61MI/230V	RFSA-61M/230V
Supply voltage:	110–230 V AC	
Supply voltage frequency:	50–60 Hz	
Apparent input:	2.7 VA cos φ= 0.6	
Dissipated power:	1.62 W	
Supply voltage tolerance:	+10%/-25 %	
Output		
Number of contacts:	1x changeover	
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	
Contact material:	$AgSnO_2$	
Mechanical service life:	$3x10^7$	
Electrical service life (AC1):	$0.7x10^5$	
Control		
Wireless:	up to 25-channels (buttons)	
Communication protocol:	RFIO2	
Frequency:	866–922 MHz (for more information see p.72)	
Repeater function:	yes	
Manual control:	PROG (ON/OFF) button	
Range:	in open space up to 200 m	
Wireless Antenna:	integrated	external *
Other data		
Operating temperature:	-15 °C to +50 °C	
Operating position:	any	
Mounting:	DIN rail EN 60715	
Protection:	IP20 from the front panel	
Overvoltage category:	III.	
Contamination degree:	2	
Connecting conductor cross-section (mm^2):	max. 1x 2.5, max. 2x 1.5/ with a hollow max. 1x 2.5	
Dimensions:	90 x 17.6 x 64 mm	
Weight:	69 g	75 g
Related standards:	EN 60730, EN 63044, EN 300 220, EN 301 489	

* AN-I antenna (with SMA connector) is part of packaging.
Other antennas with cable are available on the page 67.
Max tightening torque for antenna´s connector is 0.56 Nm.

- **RFSA-61M:** the switching unit with 1 output channel 16 A is used for controlling appliances, sockets or lights.
  - the 1-MODULE design of the unit into a switchboard.
  - the switching unit may be controlled by up to 25-channels.
  - the package includes an internal antenna AN-I, in case of locating the element in a metal switchboard, you can use the external antenna AN-E for better signal reception, see accessories on page 67.
- **RFSA-61MI:** same design and function as RFSA-61M, but with integrated antenna. It is suitable for placement in cabinets with plastic doors.
- 6 function: button, impulse relay and time function of delayed start or return with time setting range of 2 s – 60 min. Function description can be found on page 74.
- 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.

Device description



Connection