



- RF switching actuators serve to control electrical appliances, lights, heating, garage door, entrance gates, etc.
- switching actuator designs:
  - RFSA-61M:** 1-channel switching actuator in 1-MODULE design with internal or external antenna
  - RFSA-66M:** 6-channel switching actuator in 3-MODULE design with internal or external antenna
- multifunction actuator functions: button, ON/OFF, impulse relay, delayed return, delayed start
- for programming and manual control ON/OFF, press the Prog button
- each relay of switching actuator can be controlled by up to 32 channels (1 channel is represented by 1 button on the wireless wall switch button, keychain or the RF Touch-W / RF Touch-B unit)
- LED indicator of the device status on the front panel
- possibility to assign receivers to the RF Control and RF Touch systems
- galvanically isolated power supply
- an internal antenna is included in the standard package, external antenna is available on request only

## CONTROLS ELEMENTS



### EAN code

RFSA-61M: 8595188137003/ RFSA-66M: 8595188142830 (internal antenna is included in the standard package).

Internal antenna AN-I: 8595188161862

External antenna AN-E: 859415759012

Technical parameters	RFSA-61M	RFSA-66M
Supply voltage:	110 - 230 V AC / 50 - 60 Hz	
Apparent input:	2.7 VA / cos φ = 0.6	min. 2 VA / max. 5 VA
Dissipated power:	1.62 W	min. 0.5 W / max. 2.5 W
Supply voltage tolerance:	+10% / -25 %	
<b>Output</b>		
Number of contacts:	1x switching (AgSnO <sub>2</sub> )	3x switching (AgSnO <sub>2</sub> ) 3x switching (AgSnO <sub>2</sub> )
Rated current:	16 A / AC1	8 A / AC1
Switching power:	4000 VA / AC1, 384 W / DC	2000 VA / AC1
Peak current:	30 A / <3 s	10 A / <3 s
Switching voltage:	250 V AC1 / 24 V DC	250 V AC1
Max. DC switching power:	500 mW	500 mW
Mechanical service life:	3x10 <sup>7</sup>	1x10 <sup>7</sup>
Electrical service life (AC1):	0.7x10 <sup>5</sup>	1x10 <sup>5</sup>
<b>Control:</b>		
RF, by command from transmitter:	868 MHz	
Manual control:	PROG (ON/OFF) button	
Range in free space:	up to 200 m	
<b>Other data:</b>		
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 <sup>2</sup> ):	max. 1x2.5, max. 2x1.5 / with a hollow max. 1x2.5	
Dimensions:	90 x 17.5 x 64 mm	90 x 52 x 65 mm
Weight:	74 g    137 g	264 g    310 g
Related standards:	EN 60669, EN 300 220, EN 301 489 Directives RTTE, Gov. Reg. No. 426/2000Sb (Directives 1999/EC)	

\* For more information, see p. 48

## Functions and their programming

<p><b>1 Button</b></p> <p><b>Program mode</b> Press 1x</p> <p>The output contact will close by pressing the button and open by releasing the button.</p>	<p><b>2 Switch On</b></p> <p><b>Program mode</b> Press 2x</p> <p>The output contact will close by pressing the button.</p>	<p><b>3 Switch Off</b></p> <p><b>Program mode</b> Press 3x</p> <p>The output contact will open by pressing the button.</p>
<p><b>4 Impulse relay</b></p> <p><b>Program mode</b> Press 4x</p> <p>The output contact will switch to the opposite position with each press of the button. If the contact was closed, it will open and vice versa.</p>	<p><b>5 Delayed return</b></p> <p><b>Program mode</b> Press 5x</p> <p>The output contact will close by pressing the button and open after the set time interval has elapsed.</p> <p>t = 2s..60min</p>	<p><b>6 Delayed start</b></p> <p><b>Program mode</b> Press 6x</p> <p>The output contact will open by pressing the button and close after the set time interval has elapsed.</p> <p>t = 2s..60min</p>

## Device description

