RF receiver: Switching actuator RFSA-61M, RFSA-66M





- RF switching actuators serve to control electrical appliances, lights, heating, garage door, entrance
- 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



















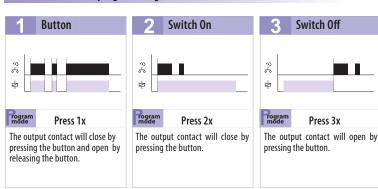
RFSA-61M: 8595188137003/ RFSA-66M: 8595188142830 (internal antenna is included in the standard package). Internal antenna AN-I: 8595188161862

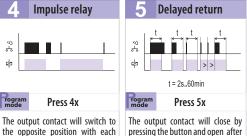
External antenna AN-E: 859415759012

Technical parameters	RFSA-61M	RFSA-66M
Supply voltage:	110 - 230 V AC / 50 - 60 Hz	
Apparent input:	$2.7 \text{ VA / } \cos \varphi = 0.6$	min. 2 VA / max. 5 VA
Dissipated power:	1.62 W	min. 0.5 W / max. 2.5 W
Supply voltage tolerance:	+10% / -25%	
<u>Output</u>		
Number of contacts:	1x switching (AgSnO ₂)	3x switching (AgSnO ₂)
		3x switching (AgSnO ₂)
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 ⁷	1x10 ⁷
Electrical service life (AC1):	0.7x10 ⁵	1x10 ⁵
Control:		
RF, by command from transmitter:	868 MHz	
Manual control:	PROG (ON/OFF) button	
Range in free space:	up to 200 m	
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. 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. No426/2000Sb(Directives 1999/		.426/2000Sb(Directives 1999/EC))

* For more information, see p. 48 Wiring RFSA-61M RFSA-66M A1 A2 A1 A2 18 15 28 25 38 35

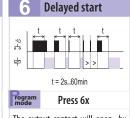
Functions and their programming





the opposite position with each press of the button. If the contact was closed, it will open and vice

the set time interval has elapsed.



The output contact will open by pressing the button and close after the set time interval has elapsed.

Device description

