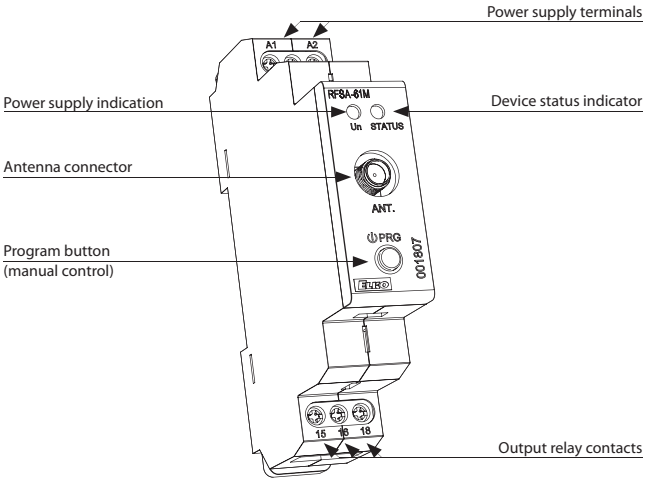
RFSA-61M **RFSA-66M**

Technical parameters	RFSA-61M/ 230 V	RFSA-61M/ 24 V	RFSA-66M/ 230 V	RFSA-66M/ 24 V
Supply voltage:	110-230VAC / 50-60 Hz	12-24 V AC / DC1 SELV	10-230 V AC / 50-60 Hz	12-24 V AC / DC SELV
Apparent input:	2.7 VA / cos φ = 0.6	-	min. 2 VA / max. 5 VA	-
Dissipated power:	1.62 W	0.8 W	min. 0.5 W / max. 2.5 W	max. 1.8 W
Supply voltage tolerance:	+10% / -25 %			
Output				
Number of contacts:	1x changeover ($AgSnO_2$)		3x changeover ($AgSnO_2$); 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:	866 MHz, 868 MHz, 916 MHz			
Manual control:	PROG (ON/OFF) button			
Range in free space:	up to 200 m			
Output for antenna:	SMA connector*			
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		90 x 52 x 65 mm	
Weight:	74 g		264 g	
Related standards:	EN 60669, EN 300 220, EN 301 489 R&TTE Directive, Order. No 426/2000 Coll. (Directive 1999/EC)			

* Max Tightening Torque for antenna connector is 0.56 Nm.

- **RFSA-61M:** the switching unit with 1 output channel is used for controlling appliances, sockets or lights.
  - the one-module design of the unit into a switchboard enables connection of a switched load up to 16 A (4 000 W).
  - the switching unit may be controlled by up to 25 channels (1 channel represents 1 button on the controller).
- **RFSA-66M:** the switching unit with 6 output channels is used for independent control of up to 6 appliances, sockets or lights. It is possible to assign any function to each output relay.
  - the three-module design of the unit into a switchboard enables connection of a switched load 6x 8 A (6x 2000 W).
  - it is just right for creating scenes, where with one push of the controller, you can switch on or off all 6 channels simultaneously.
  - each of the channels may be controlled by up to 25 channels (1 channel represents one button on the controller).
- They can be combined with detectors, controllers, iNELS RF Control or system components.
- The integrated switching contact enables connection, where the controlled appliance may be switched on or off by command.
- Function: button, impulse relay and time function of delayed start or return with time setting range of 2 s-60 min.
- The programming button on the unit is also used for manual control of the output.
- 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.
- 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 $RFIO^2$ that support this feature.
- Communication frequency with bidirectional protocol iNELS RF Control^2 ($RFIO^2$).

Device description



Function

For more information see p. 64.

Connection

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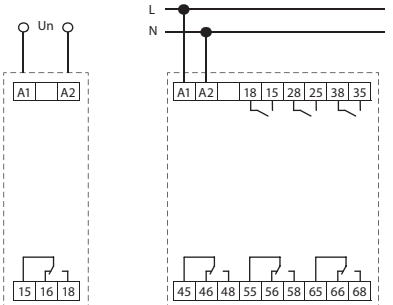

RFSA-66M/230V

RFSA-66M/24V