

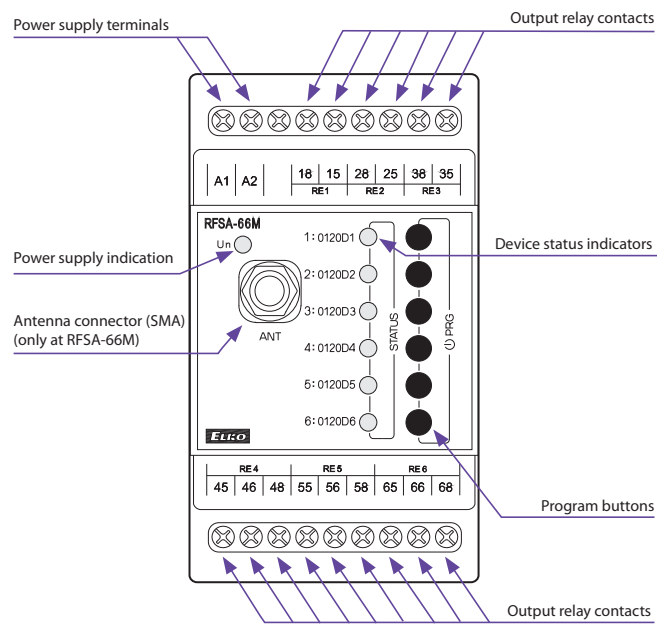


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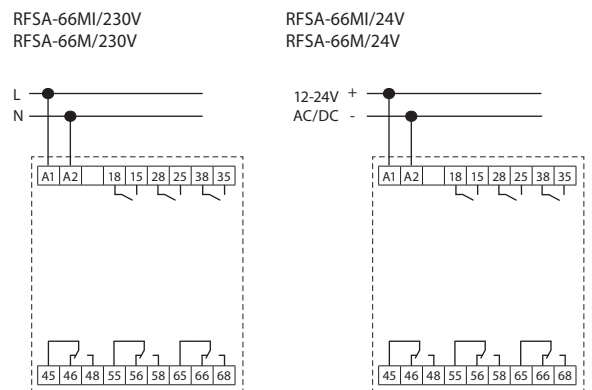
- **RFS-66M:** the switching unit with 6 output channels 8 A is used for independent control of up to 6 appliances, sockets or lights.
  - the 3-MODULE design of the unit into a switchboard.
  - each of the channels may be controlled by up to 25-channels.
  - the package includes an internal antenna 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 75.
- **RFS-66MI:** same design and function as RFS-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.

Technical parameters	RFS-66MI/230V	RFS-66MI/24V	RFS-66M/230V	RFS-66M/24V
Supply voltage:	110–230 V AC	12–24 V AC/DC	110–230 V AC	12–24 V AC/DC
SELV:	no	yes	no	yes
Supply voltage frequency:	AC 50–60 Hz			
Apparent input:	min. 2 VA/ max. 5 VA	-	min. 2 VA/ max. 5 VA	-
Dissipated power:	min. 0.5W/ max. 2.5W	max. 1.8 W	min. 0.5W/ max. 2.5W	max. 1.8 W
Supply voltage tolerance:	+10%/-25 %			
<b>Output</b>				
Number of contacts:	3x changeover, 3x switching			
Rated current:	8 A/AC1			
Switching power:	2000 VA/AC1			
Peak current:	10 A/<3 s			
Switching voltage:	250 V AC1			
Contact material:	AgSnO <sub>2</sub>			
Mechanical service life:	1x10 <sup>7</sup>			
Electrical service life (AC1):	1x10 <sup>5</sup>			
<b>Control</b>				
Wireless:	up to 25-channels (buttons)			
Communication protocol:	RFIO2			
Frequency:	866–922 MHz (for more information see p. 76)			
Repeater function:	yes			
Manual control:	PROG (ON/OFF) button			
Range:	in open space up to 200 m			
RF Antenna:	integrated	external *	integrated	external *
<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. 1x 2.5, max. 2x 1.5/ with a hollow max. 1x 2.5			
Dimensions:	90 x 52 x 65 mm			
Weight:	171 g			179 g
Related standards:	EN 60669, EN 300 220, EN 301 489 R&TTE Directive, Order. No 426/2000 Coll. (Directive 1999/EC)			

Device description



Connection



\* AN-I antenna (with SMA connector) is part of packaging. Other antennas with cable are available on the page 69. Max tightening torque for antenna's connector is 0.56 Nm.