

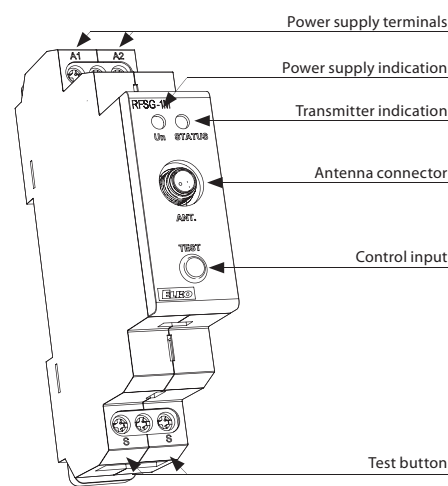


- This wireless contact converter is especially appropriate for wireless transmission of information on switching HDO.
- Thanks to the network supply, it can also be used for partial transmission of information for control of an appliance or device.
- One-module design of the unit with mounting into switchboard.
- After leading in power to the “S” terminals, it periodically transmits the command switch on in an interval of 10 min. When disconnecting the power supply, immediately switch off.
- The button TEST on the controller is used to assign to a switching unit.
- Option of setting light scenes, where with a single press, you can control multiple units of iNELS RF Control.
- The package includes an internal antenna AN-I, in case of locating the converter in a metal switchboard, you can use the external antenna AN-E for better signal reception.
- Range up to 160 m (in open space), if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20 or protocol component RFIO² that support this feature.
- Communication frequency with bidirectional protocol iNELS RF Control.

Device description

Technical parameters	RFSG-1M/230V	RFSG-1M/24V
Supply voltage:	110-230 V AC / 50-60 Hz	12-24 V AC/DC / 50-60 Hz
Apparent input:	2 VA	-
Dissipated power:	0.2 W	0.5 W
Supply voltage tolerance:	+10 % / -25 %	
Power supply indication:	green LED	
Input		
Control voltage:	AC 12-230 V / DC 12-230 V	
Control input power:	AC 0.025 VA / DC 0.1 W	
Control terminals:	S - S	
The length of control impulse:	min. 25ms (max. unlimited)	
Transmission indication / function:	red LED	
Transmitter frequency:	866 MHz, 868 MHz, 916 MHz	
Signal transmission method:	unidirectionally addressed message	
Range in free space:	up to 160 m	
Minimum control distance:	20 mm	
Output for antenna:	SMA connector*	
Other data		
Operating temperature:	-15 to + 50 °C	
Operating position:	any	
Mounting:	DIN rail support EN 60715	
Protection:	IP20 from the front panel	
Overtoltage 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:	62 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.



Connection

