



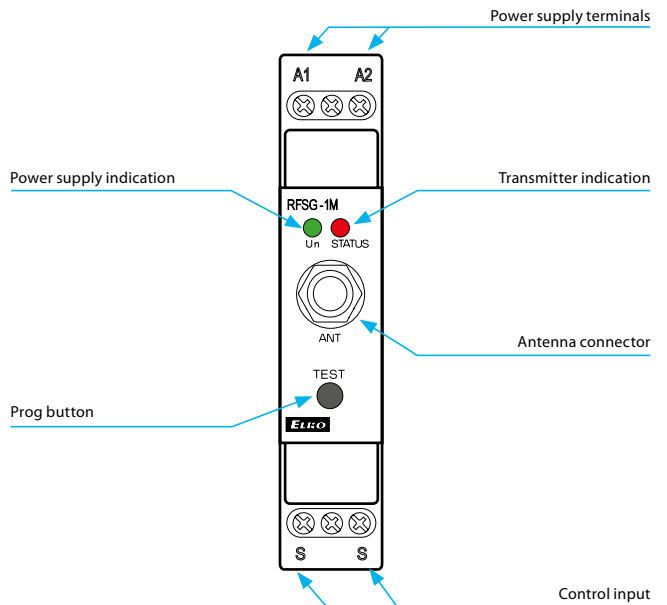
EAN code:
RFSG-1M: 8595188142847

Technical parameters		RFSG-1M
Supply voltage:		110–230 V AC
Supply voltage frequency:		50–60 Hz
Apparent input:		2 VA
Dissipated power:		0.2 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. 25 ms (max. unlimited)
Transmission indication/function:		red LED
Control		
Communication protocol:		RFIO
Frequency:		866–922 MHz (for more information see p.72)
Repeater function:		no
Signal transmission method:		unidirectionally addressed message
Range:		in open space up to 160 m
Minimum control distance:		20 mm
Wireless antenna:		AN-I included (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
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
Weight:		62 g
Related standards:		EN 60730, EN 63044, EN 300 220, EN 301 489

* Max Tightening Torque for antenna connector is 0.56 Nm.

- This wireless contact converter is especially appropriate for wireless transmission of information on switching HDO.
- Thanks to the permanent power supply, it can also be used for partial transmission of information for control of an appliance or device.
- 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.
- 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, see accessories on page 66.
- Range up to 160 m (in open space), if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20N.
- 1-MODULE design of the unit with mounting into switchboard.
- The product is suitable for the transmission of control signals within photovoltaic electrical installations.
- Attention: The controller is paired with the elements using the pairing button. Ord. codes for controllers with pairing button: RFSG-1M Order No.: 8240, see Pairing controllers on p. 72.

Device description



Connection

