Flat design – the depth of the device is only 20 mm!

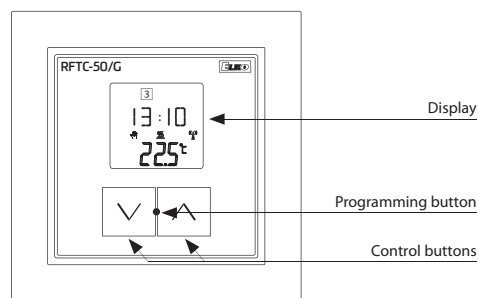| Technical parameters	RFTC-50/G
Supply voltage:	2x 1.5 V AAA battery
Battery life:	up to 1 year
	according to the number of controlling actuators
Temperature offset:	2 buttons
	∨ / ∧
Offset:	± 5 °C
Display:	LCD, characters / see Display description
Backlighting:	YES / active – blue
Transmission indication / function:	symbols
Temperature measurement input:	1x internal sensor
Temp. measurement range	0 to +55 °C;
and accuracy:	0.3 °C of the range
Control	
Transmitter frequency:	866 MHz, 868 MHz, 916 MHz
Signal transmission method:	bidirectionally addressed message
Range in free space:	
	up to 100 m
Minimum control distance:	
	20 mm
Other data	
Max. number of control. RFSA-6x:	4
Program:	Weekly
Operating temperature:	0 to + 55 °C
Operating position:	on the wall
Mounting:	by gluing / screwing
Protection:	IP20
Contamination degree:	2
Dimensions frame	
- plastic:	85 x 85 x 20 mm
- metal, glass, wood, granite:	94 x 94 x 20 mm
Weight:	66 g (without batteries)
Related standards:	EN 60669, EN 300 220, EN 301 489 directive R&TTE
	Directive, Order. No 426/2000 Coll. (Directive 1999/EC)

Compatibility				
RF Touch	eLAN-RF	RFSA-6 x	RFSTI-11B	RFATV-1
–	–	✓	✓	–

- The wireless controller in design LOGUS[90] measures the room temperature by internal sensor, and based on the set temperature, it sends a command for heating / cooling.
- Option of setting a daily/weekly automatic control program.
- The temperature controller can be used in one of two ways:
  - For controlling an additional heat source (heater, oil radiator, radiant panel) with multi-function switchingunits RFSA-6x, RFUS-61 or RFSC-61.
  - For control of floor heating, when the internal sensor scans the room temperature, and based on the value, controls the heating unit RFSTI-11B, which monitors the critical floor value by external sensor.
- Manual control by buttons on the unit.
- Range of measured temperature 0-55 °C.
- The backlit LCD display displays the current and set temperature, status (ON/OFF), battery status, day of the week, current time, etc.
- Battery power (1.5 V / 2x AAA - included in supply) with battery life of around 1 year based on frequency of use.
- The flat rear side of the device enables its placement anywhere in the room where you wish to measure temperature.
- Range up to 100 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.
- Color combination of temperature unit in design of frames LOGUS[90] (plastic, glass, wood, metal, stone).

Device description

Display

Programming button

Control buttons

Display description

Displaying the day of the week

Displaying the time

Indication of manual mode

Displaying the temperature

The heating function switched output

Indicates the state of connection with actuators

Temperature units °C