EASY HEAT REGULATION

KIT FOR WIRELESS CONTROL OF ELECTRIC HEATING

30% SAVING ON ENERGY

QUICK INSTALLATION

5 YEARS GUARANTEE

SIMPLE KIT FOR WIRELESS HEAT CONTROL AT HOME.

iNELS®
smart home solutions

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EVEN YOUR HOME CAN HEAT „**ECONOMICALLY**"!

Would you like some help?

TECHNICAL SUPPORT

+420 800 100 671

support@inels.com

EASY HEAT REGULATION

CONTROL YOUR HEATING VIA HEAT REGULATOR

This kit enables convenient and quick control of heater, oil heater, panel heater or portable air conditioner. Just plug the controlled device into switching socket and appropriately place your controller RFTC-50G. The desired temperature is set on the controller, that compares it with the current record and it sends a command to turn the device ON.

This kit will open up new horizons for home automation. It can be extended any time you need and according to your wishes. Depends on you if you want to find something new and upgrade your current installation.

Thank you for buying the kit EASY HEAT REGULATION.
Another kits and additional units can be found on the last pages of the manual or at our webpage:

www.inels.com/kits

USER´S MANUAL CONTENT

KIT CONTENT

WIRELESS TEMPERATURE CONTROLLER
1× RFTC-50G

Wireless temperature controller is the easy solution to control temperature in the room or the whole house.
- you can set the program for the entire week according to coming/leaving home.
- the possibility of setting holiday mode
- enables to control up to 4 wireless devices (heating circuits)
- **Parameters:** LCD display with blue backlit, design LOGUS[90], dimension 94 × 94 mm, battery-powered 2 × AAA1.5 V (included ine the package)

French
4560

Schuko
4562

British
4544

SWITCHING SOCKET
1× RFSC-61

It is a quick solution for the wireless control of plugged-in devices. It is installed between the existing socket and controlled appliance.
- manual control using ON / OFF buttons and status indicator directly on the socket
- device status indicator (LED) on the front panel - red (status indication), green (voltage indicator)
- **parameters:** AC 230V, switching power up to 4000W (16A), dimension 60 × 120 × 80 mm

PROGRAMMING TOOL

• Used to press the hidden programming button
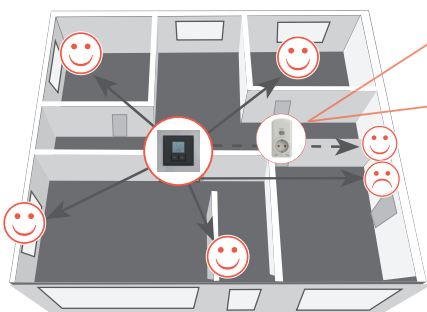
HOW DOES IT WORK?

Please plug the controlled appliance in the switching socket and put the wireless controller in a suitable place. The controller compares the actual temperature with the set record and sends a command to the switching socket to turn the heater ON. It is possible to connect up to 4 heating circuits (sockets).
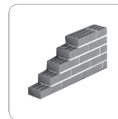
WIRELESS TEMPERATURE CONTROLLER

• The range of RF signal

REPEATER
to extend
the range
Order code: **4510**

RF signal - range up to 200

(range of wireless units depends on the building construction).

• Transmission of radiofrequency signals in various materials

60 - 90 %	80 - 95 %
brick walls	wooden structures with plaster boards

20 - 60 %	0 - 10 %	80 - 90 %
reinforced concrete	metal partitions	common glass

QUICK INSTALLATION

1. Plugging into the existing socket
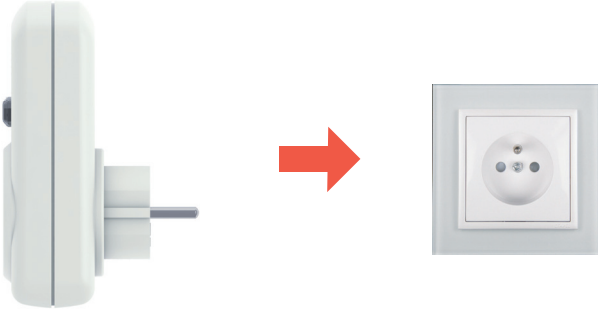
2. Connecting a battery

- Carefully remove an insulation tapes. After removing the tape, the FW version will appear on the display for a 1 s, after that the actual recorded temperature will be displayed.
- Battery replacement - see page 15

Remove an insulation tapes

3. Location

- Do not expose your controller to sudden temperature change, direct sunlight and keep away from excessive moisture. Do not place temperature units near the windows, heaters etc., which could affect the internal temperature sensor.

MANUAL MODE

Wireless socket is already paired with wireless temperature controller and it can be used immediately for controlling.

Buttons control:

Quick temperature setting (manual mode) 🖐

- Short button press Ⓥ / Ⓐ
- the desired temperature setting (from the range 7 - 40 °C)
- Long button press Ⓥ / Ⓐ
- speed value setting
- after settings the temperature, the controller will automatically return to the default home screen after 5 seconds.
- the controller is ready to use and only responds to manual temperature changes. For weekly programming, read more below.

HEATING MODE SELECTION
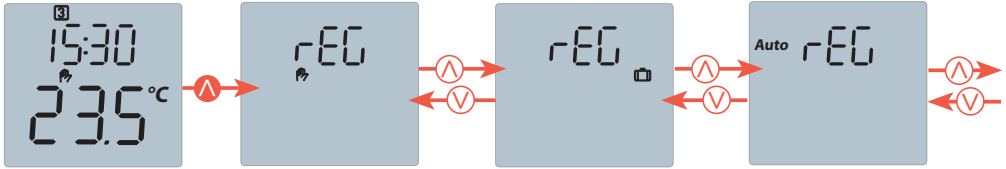
**Symbol** 🖐 - Manual mode, the controller responds to the temperature set off any time program.

Symbol 🧳 - holiday mode, the controller responds to the temperature set for holiday mode. After the set period for holiday mode has ended, the last set heating mode is activated.

„Auto" - automatic mode, the controller responds to the temperature according to the set time schedule. Outside the time schedule, the controller responds to the reduced temperature set in the menu „ProG" in the Tab „ECO".
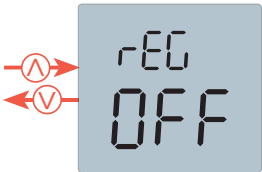
After 20 seconds the controller automatically returns to the default display.

„OFF" - the controller is OFF, after selecting „heating 🔥 " the controller responds to the antifreeze temperature set in the menu under the „OFF". When selecting the „cooling 🌀 ", the controller is turned off and there is no regulation.

TIME AND DATE SETTINGS

5 BASIC STEPS TO SET UP:

- short press on the one of the arrow keys ⋁/⋀ to navigate through the menu.
- long press on the right arrow key ⋀ to open the item for changing
- short press on the one of the arrow keys ⋁ ⋀ to change the value
- long press on the right arrow key ⋀ to confirm the change you have made to your settings
- long press on the programming button ● to show the settings menu

Programming button
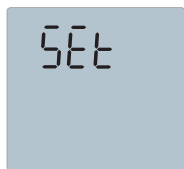(use the programming tool)

15:30 23.5°C

Long press on the programming button to go to the setting menu.

ProG

Short press to switch to the SET option.

SEt

Long press on the right button to open the settings menu.

rF-A 1

8x

8 x short press on the right button.

00:00

0 6 12 18 24

15:00

0 6 12 18 24
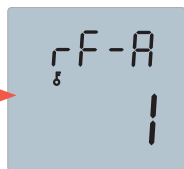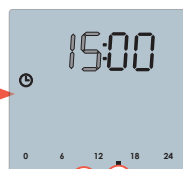
"hours" - the actual hour settings and open the menu for the minutes settings.

15:30

0 6 12 24 18

"minutes" - the minutes settings.

15:30

0 6 12 24 18

2x

2 x short press to go to the date settings.
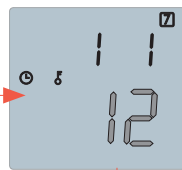
1 1 12

1 1 12 **1 1 12**

⋁\⋀

"date" - Date settings. Set firstly the year (the range 12 - 99 represents the years 2012 - 2099), then set the month and at the end set the day. The day of the week is automatically adjusted according to the specified data.
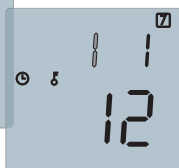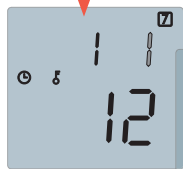
Long press on the programming button to open the settings menu.

The notice „ProG" will be shown on the display. Long press on the button ⊼ to confirm.
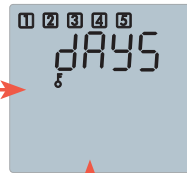
„dAYS" - selection of the controller features (functionality) for individual days.

„ECO" - used to set temperature attenuation (temperature out of the set program). Range 5-30 ° C.

- work (working week) - 1 2 3 4 5
- the same for every day of the week (weekly program) - 1 2 3 4 5 6 7
- separate schedule for each day of the week (daily program) - 1
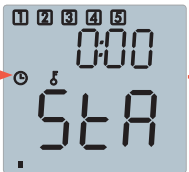
Up to 5 programs

„StA" - the time period beginning - range 0:00 - 23:50, 10-minute time step.
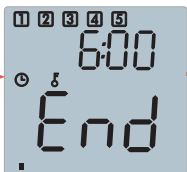
„End" - set the time period termination - range 0:10 - 23:50, 10-minute time step.
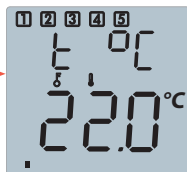
„t °C" - set the temperature for the time period.

Notes:

The number of programming step is indicated on the bottom bar graph (Fig. 2) by the number of the displayed bars (1-6).

Fig. 2

ADDITIONAL SETTINGS

5 BASIC STEPS TO SET UP:
- short press on the one of the arrow keys ⋁/⋀ to navigate through the menu
- long press on the right arrow key ⋀ to open the item for changing
- short press on the left/right one of the arrow keys ⋁/⋀ to change the value
- long press on the right arrow key ⋀ to confirm the change you have made to your settings
- long press on the programming button ● to show the settings menu
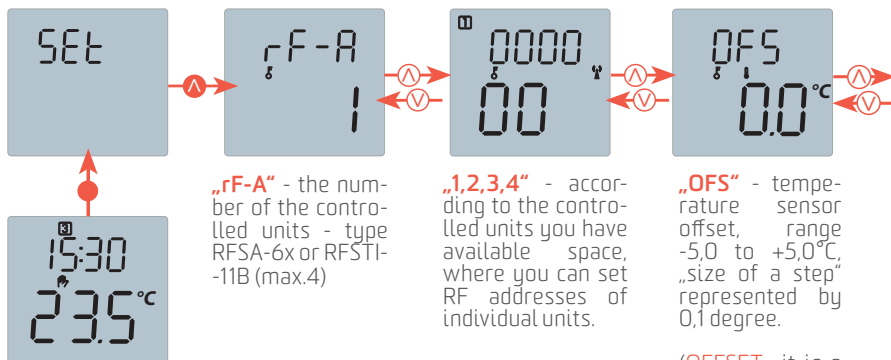
„rF-A" - the number of the controlled units - type RFSA-6x or RFSTI-11B (max.4)

„1,2,3,4" - according to the controlled units you have available space, where you can set RF addresses of individual units.

„OFS" - temperature sensor offset, range -5,0 to +5,0°C, „size of a step" represented by 0,1 degree.

(OFFSET it is a difference between the recorded temperature and the actual temperature)
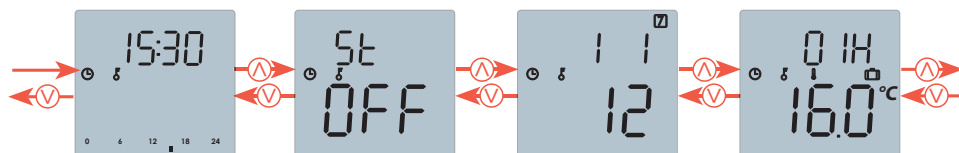
Time settings - firstly set the hour, then minutes. When you confirm the data, the hidden seconds timer is reset.

„St" - Transitions to/from summer/winter time (see legend (1.))

„1.1.12" - Date settings. Set firstly the year (the range 12 - 99 represents the years 2012 - 2099), then set the month and at the end set the day. The day of the week is automatically adjusted according to the specified data.

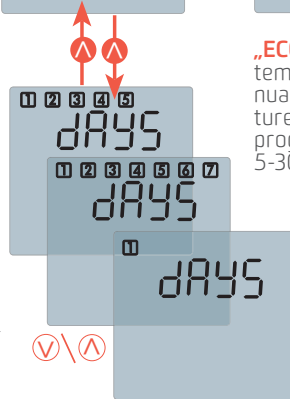The temperature and date settings for holiday mode (see legend (2.))

Notes:

(1.) **St „oFF"** = The set value (the time zone offset) - it is the difference between local time (time zone) and UTC, range -1 up to +2, includes the European countries.

(2.) The top line shows the duration of the holiday timer in hours or days. The bottom line shows the desired temperature. Long press on the ⋀ to unlock the temperature for setting and short press on the buttons ⋁\⋀ to set the desired temperature. Long press on the button ⋀ to confirm the set temperature and in the same time to switch to set the time range of holiday timer - days or hours, as well as units and tens of days or hours.

HYS
0.6℃

HEAt
FCE

bLt
3

For
24
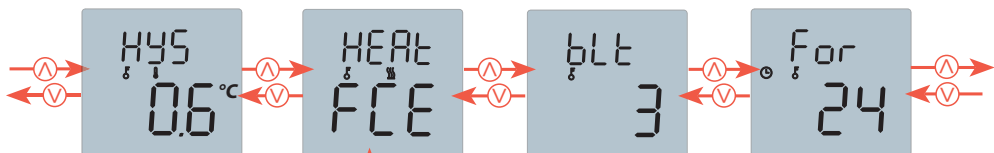
„HYS" - hysteresis setting, heating/cooling, the range 0,2 - 2,0°C, step 0,2°C.

(HYSTERESIS - is the setting of the time range of the thermostat switching)

HEAt
FCE

CooL
FCE

„FCE" - choice of heating/cooling function („HEAt" / "CooL" - the top line shows the chosen function (HEAt/CooL) and the bottom line shows the name of menu item (FCE).

„bLt" - backlight intensity „OFF, 1 - 10"

For
24

For
12

AM
PM
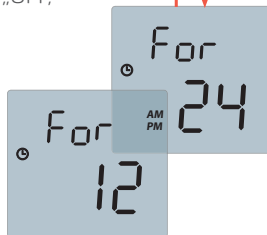
„For" - Display formats for dates and times 12/24

OFF
7.0℃

FL-H
28.0℃

FL-L
21.0℃
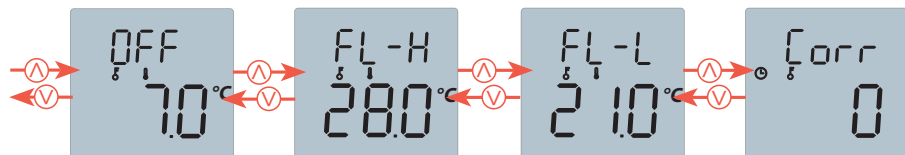
Corr
0

„OFF" - antifrost temperature setting for the OFF mode, the range 6-20°C.

„FL-H" - setting the maximum temperature for underfloor heating (see legend **3.**)

„FL-L" - setting the minimum temperature for underfloor heating (see legend **4.**)

„Corr" - correction of time deviation, set the number of seconds per 10 days, the range ± 99).

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3. **FL - H** = The underfloor heating function is OFF, the unit RFSA-6x is controlled. The range 20 - 35°C, the underfloor heating function is ON, the unit RFSTI-11B is controlled (with the manufacturing date from 03/2013).

4. Used for underfloor tempering when using other heating source OFF - the function of maintaining the minimum floor temperature is OFF. The range is from 20°C up to the maximum set floor temperature [FL-H].

ASSIGNING OTHER UNITS

Long press on the programming button to open the Settings menu.

Short press on the right arrow key to switch to the item SEt.

Short press to switch to the item SEt.

Long press on the right arrow key to open the settings menu.

„rF-A" - the number of the controlled unit - type RFSA-6x, RFSC-61 or RFSRI-11B (max.4).

In case of setting the heating program see page 9.
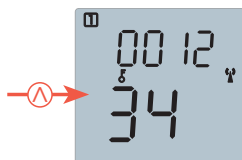
„0012.34" - Address settings.

BATTERY REPLACEMENT

Fig.1
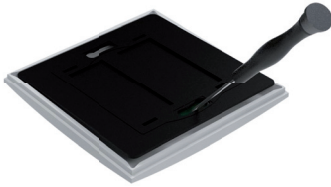
Fig.2
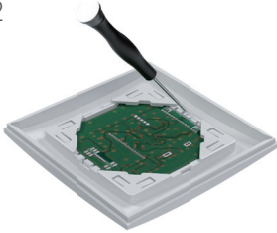
Fig.3

Fig.4
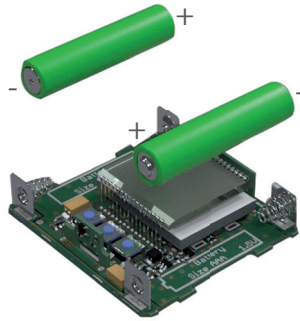
Fig.5
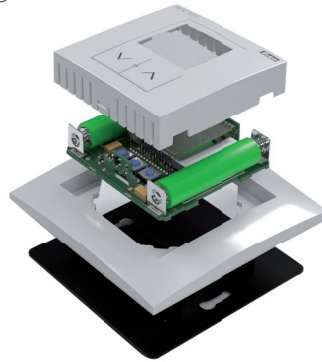
● Discharged batteries are displayed in a small battery icon.

● Use a screwdriver to remove the bottom plate (Fig.1)

● Use a screwdriver to carefully remove a pressed part and unclip the device from a frame (Fig.2).

● Use a screwdriver to gently slide the device out of housing (cover) - be careful not to damage the device (Fig.3).

● Remove the discharged battery. Slide the batteries into the battery compartment. Beware of possible polarity problems. After new batteries inserted, the FW version will be displayed for 1 seconds, then the actual recorded temperature (Fig.4).

● Clip the cover and by a slight pressure clip the device into the frame. Keep in mind, that frame must be correctly positioned - holes on the left/right side of the device.

● Place the device with frame on the lower part of the device - keep in mind that the holders of the lower part and the holes of frames must stick together.

WIRELESS TEMPERATURE CONTROLLER

Display the day of the week

Automatic mode

Current time in the selected format 12/24

Icon description (see chart)

Control button ∨

Prog button

Control button ∧

THE SYMBOL LEGEND	
⏱	time setting
🔒	lock menu item or program
✋	manual mode
🌡	temperature setting
♨	output is closed - at the chosen heating function
人	output is closed - at the chosen cooling function
▯	displays in the case of low battery voltage
🧳	holiday mode
📶	permanently lighting - successfully connected to all units
📶	blinking/flashing - successful connection only with some units
📶	off - connection failed

WIRELESS TEMPERATURE CONTROLLER

Supply voltage:	2 x 1.5V battery/ AAA
Battery life:	up to 1 year (according to the controlled units)
Temperature offset:	2 button
The range of temp. offset:	± 5 °C
Display:	LCD, character
Backlight:	YES, active - blue
Transmission/function indicator:	symbols
Temperature measurement input:	1x internal sensor
Temp. measurement range and accuracy:	0 up to + 55 °C ; 0.3 °C of the range
Frequency:	868 MHz
Signal transmission method:	two-way addressed message
Minimum distance control:	20 mm
Range in the open space:	up to 100 m

Other data

Max. number of controlled units:	4
Operating temperature:	0.. + 55 °C
Operating position:	wall-mounted
Mounting:	glue / screws
Protection:	IP20
Pollution degree:	2

Dimension

Dimension - plastic:	85 x 85 x 20 mm
Dimension - metal, glass, wood:	94 x 94 x 20 mm
Weight:	66 g (without batteries)
Related standards:	EN 60669, EN 300 220, EN 301 489 directive RTTE, NVč.426/2000Sb (directive 1999/ES)

SWITCHING SOCKET RFSC-61/F

Front side

Device state indicator

Switching socket

STATUS / PROG

Power supply indicator

Prog button

iNELS

ELKO

Rear side

RFSC-61/F
868 MHz
Spínaná zásuvka - multifunkční

AC 230V / 50-60 Hz
16A/4000VA , 250V AC1
max. 6VA / 0,7W

577515

www.elkoep.com

Address
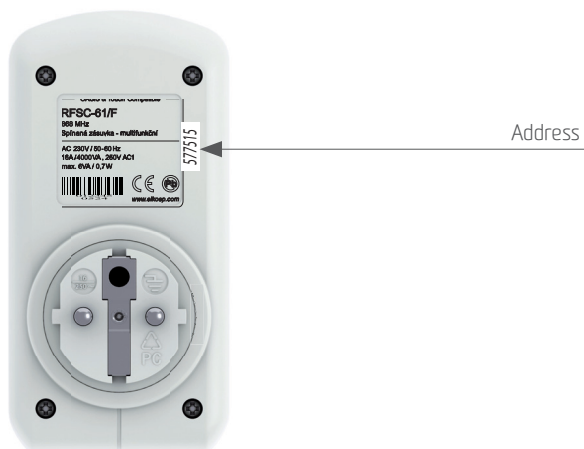
French
CZ, SK, PL, FR

Schuko
HU, DE, RU, AT, RO

British
GB

Australian
AUS

US
USA

SWITCHING SOCKET RFSC-61/F

Power supply:	230V AC / 50-60 Hz
Apparent power:	6 VA
Dissipated power:	0.7 W
Supply voltage tolerance:	+10 %; -15 %
Output	
Number of contacts:	1x switching (AgSnO$_2$)
Rated current:	16 A / AC1
Switching power:	4000 VA / AC1, 384 W / DC
Peak current:	30 A / <3 s
Switching voltage:	250 V AC1 / 24V DC
Min. switching power DC:	500 mW
Mechanical service life:	3 x 10^7
Electrical service life (AC1):	0.7 x 10^5
Control	
RF command from transmitter:	868 MHz
Manual control:	PROG button (ON/OFF)
Range in the open space:	up to 200 m
Other data	
Operating temperature:	-15 up to + 50 °C
Operating position:	any
Mounting:	in a network socket 230V AC
Protection:	IP30
Overvoltage category:	III.
Pollution degree:	2
Dimension:	60 x 120 x 80 mm
Weight:	195 g
Related standards:	EN 60669, EN 300 220, EN 301 489 directive RTTE, NVč.426/2000Sb (directive 1999/ES)
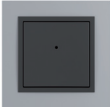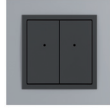
CONTROLLER

PICTURE	DEVICE DESCRIPTION	TYPE/CODE
	WIRELESS WALL CONTROLLER Each of the 2 independent push-buttons can control any number of wireless units (switches, dimmers, shutters). In the design of LOGUS^{90} switch (plastic, glass, metal, wood, stone). Battery-powered 3V/CR2032. Color: white.	**RFWB-20/G** 4037
	WIRELESS WALL CONTROLLER Each of the 4 independent push-buttons can control any number of wireless units (switches, dimmers, shutters). In the design of LOGUS^{90} switch (plastic, glass, metal, wood, stone). Battery-powered 3V/CR2032. Color: white.	**RFWB-40/G** 4060
	4 BUTTON CONTROLLER - KEYCHAIN Wireless controller sends a command to switch ON/OF or dim any wireless device after pushing the button. You can control independently up to 4 devices. By one touch, you can switch ON any number of units at once. Battery-powered 3V/CR2032.	**RF KEY** 4375
	WIRELESS REMOTE CONTROLLER WITH DISPLAY Universal controller with display enables you to comfortably control wireless units, using all their functions. It enables to create rooms, scenes and favorites sections/folders. It is possible to preset up to 40 units. Battery-powered 2xAAA.	**RF PILOT** 4376
	WIRELESS CONTACT CONVERTER Transmitter serves as the contact converter of external device to the commands for wireless units. It contains 2 inputs, that can be switched ON permanently (by push-button or switch). Battery-powered 3V/CR2477, into an installation box.	**RFIM-20B** 4175

SWITCHES

PICTURE	DEVICE DESCRIPTION	TYPE/CODE
	SWITCHING SOCKET Quick solution for wireless control of plug-in appliances, when the switching socket is installed between the existing socket and a plug-in appliance. Output contact 16A/4000W, 6 functions, it is possible to control up to 32 controllers. Dimen.: 60x120x84 mm.	**RFSC-61** French: 4560 Schuko: 4562 British: 4544
	WIRELESS SWITCH UNIT - 6 1-channel and 2-channel switching actuator intended to be mounted into an installation box, that can switch any device. It can control up to 32 controllers. Power supply 230V. RFSA-61B: Switching contact 16A/4000W. RFSA-62B: 2 independent 8A/2x2000W contact.	**RFSA-61B (RFSA-62B)** 4499 (4770)

OTHER RF UNITS

SWITCHES

PICTURE	DEVICE DESCRIPTION	TYPE/CODE
	WIRELESS SWITCH UNIT - 6 OUTPUTS 6-channel switching actuator intended to be installed in the swich--board contains 6 independent 8A contacts, that can switch any device connected in switchboard. Power supply 230V. The antenna AN-I included in the package can be replaced by external type AN-E what eliminates the influence of metal door of switchoboard.	**RFSA-66M** 4282
	SWITCH UNIT FOR OUTDOOR USE 1-channel switching unit in the box that provides higher protection level. Intended for outdoor installation suited for wet, humid and dusty areas. Output switching contact 12A/3000W, power supply AC 230V, 6 functions. It it possible to control up to 32 controllers. Enclosure IP65, dimension 136x62x34 mm, color: grey.	**RFUS-61** 4526
	SWITCH UNIT FOR SHUTTERS (CONTACTLESS) Used to control shutters, blinds, awnings, garage doors, gates, skylights - all devices that can be controlled in two directions. It can be controlled by up to 32 push-buttons of any controller. Intended to be mounted into an install. box or to the motor housing. Power supply AC 230V, switching capacity for the contact is 8A.	**RFJA-12B** 4682

DIMMERS

PICTURE	DEVICE DESCRIPTION	TYPE/CODE
	DIMMING SOCKET (MULTI-FUNCTION) For dimming of lamps and lighting construction, when the switching socket is installed between the existing socket and the lamp. It allows you to dim incandescent bulbs, halogen lamps, dimmable energy saving bulbs and modern LED lighting sources up to 300 W.	**RFDSC-71** 4594
	UNIVERSAL DIMMER (INBUILT) Wireless multifunction (7 functions) dimmer used to dim incandescent bulbs, halogen lamps, ... The type of lighting source is selected using the rotary switch. Intended to be mounted into an installation box. Power supply AC 230V.	**RFDEL-71B** 4512
	DIMMER FOR COLOURED (RGB) LED STRIPS Dimmer intended to be mouned in a switchboard to control coloured RGB. Strips with max. power 70 W / channel that corresponds to approximately 10 m of RGB strip. Power supply DC 12-24-V, option of color blending mode, control through keychain, RF Pilot or App.	**RFDA-73M/ RGB** 4681
	UNIVERSAL DIMMER Wireless multifunction (7 functions) dimmer used to dim incandescent bulbs, halogen lamps, dimmable energy saving bulbs and modern LED lighting sources up to 600W of power. Power supply AC 230V.	**RFDEL-71M** 4897

LIGHTING

PICTURE	DEVICE DESCRIPTION	TYPE/CODE
	COLOURED RGB LED STRIP, 5 METERS Coloured RGB strip, 7.2W/m (30 LED chips / m), length 5 m, width 11mm, outdoor-proof design, also designed for installation on aluminium rails, adhesive tape, it can be shortened by 10 cm, luminous flux of 660 lm/m, control by RFDA-73M dimmer, power supply 12V.	**7,2W, RGB, 30LED/M** 6630
	POWER SUPPLY FOR 5 M RGB STRIP Power supply 230V/12V/60W to power 5m of RGB strip. Intended for outdoor use (IP67), dimension 162,5 x 42,5 x 32 mm.	**DC 12V/5A 60W** 6589
	WIRELESS COLOURED BULB This RGB LED bulb consists of 3 color chips which can mix up any color at different temperatures. Bulb has a built-in receiver and dimmer, so it can be easily replaced for the original bulb. Other functions: colorful scenes, brightness setting etc.	**RF-RGB-LED-550** 4931
	WIRELESS WHITE BULB This bulb comes in both warm and cool white, it has built-In wireless receiver and dimmer, it can easily be placed in any existing base and control by any controller.	**RF-WHITE-LED-675** 4936

TEMPERATURE CONTROL

PICTURE	DEVICE DESCRIPTION	TYPE/CODE
	WIRELESS TEMPERATURE CONTROLLER Digital thermostat in the design of the LOGUS90 switch (plastic, glass, metal, wood). It measures the room temperature and according to the set heating program (weekly mode) it sends commands to the switching unit (heating device). Battery-powered (2xAA). It is possible to control up to 4 heating circuits.	**RFTC-50/G** RFTC50/G/BR/BR
	SWITCH UNIT WITH A TEMPERATURE SENSOR Temperature unit in the design of LOGUS90 switch. It measures the temperature and switch a heating circuit at the same time. Relay contact 8A/2000W, power supply 230V, the possibility to connect an exter. temperature sensor. It is possible to connect up to 30 units.	**RFSTI-11/G** RFSTI-11/G/BR/BR
	WIRELESS THERMOVALVE Wireless thermovalve measures the room temperature and sends it to the Smart RF box, that compares the temperature records with the set temperature and according to set program it sends a command to open or close the radiator valve.	**RFATV-1** 6307

TEMPERATURE CONTROL

PICTURE	DEVICE DESCRIPTION	TYPE/CODE
	WIRELESS TEMPERATURE SENSOR Internal or external sensor measures the temperature starting from -20 up to 50°C. Intended to be mounted into an installation box, but it can be also placed anywhere. Recommended external sensor - TC/TZ 3-6-12 m. Battery-powered 3V/CR2477.	**RFTI-10B** 3175
	THERMODRIVER Electric thermodrive to be mounted on the radiator valve (including adapter VA80 for valves Heimeier, Oventrop, Schlösser, Herb or Onda (M30 x 1,5)). Power supply: 230 V (closed without power).	**TELVA/230V** 6602

SYSTEM UNITS

PICTURE	DEVICE DESCRIPTION	TYPE/CODE
	WIRELESS TOUCH UNIT - SURFACE MOUNT Used to control up to 40 wireless units. Besides switching, controlling and dimming, it includes thermostats with weekly programming and it also enables to connect detectors. In the size of the switch, with frames in the LOGUS⁹⁰ design intended for surface-mounted installation. Power supply 230V. White color.	**RF TOUCH - W** RFTW-AWH--BWH-CWH
	SMART RF BOX, SMART WI BOX The mediator between your controller and wireless units controlling lights, heating, shutters, sockets and other appliances. eLAN-RF-003: It is connected to LAN network of your router and it is placed to ensure the visibility to other controlled units. eLAN-WI-003: App for controlling is free to download from GooglePlay or iTunes Store.	**eLAN-RF-003 (Wi-003)** 5173 (4872)
	IP CAMERA FOR OUTDOOR USE Indoor color camera D-Link DCS-933L/E can be easily connected to LAN through cable or to wireless WiFi network. It is possible to monitor up to 10 cameras in the App. Resolution 640x480, dimension: 80x115x80mm, power supply: included in the package 5V/1A.	**iNELS CAM** 6703
	MULTIFUNCTIONAL GSM COMMUNICATOR GSM gate intended to be mounted in a switchboard enables a remote control of wireless units via SMS text message. It can also send SMS text message containing information about the status of wireless units. It contains 4 binary inputs for signals and 2 relay outputs 8A/2x2000W to switch directly the unit.	**RFGSM-220M** 4604
	REPEATER TO EXTEND THE RANGE Repeater in the socket design, that is used to increase the range of signal or in case of low signal between controller and unit. It is possible to repeat the signal of up to 20 units.	**RFRP-20** 4510

THE OVERVIEW OF OTHER KITS

THE GAME OF LIGHTS

1× **SMART RF BOX**

3× **COLORED WIRELESS BULB**

KIT TO CONTROL LIGHTS VIA SMARTPHONE

It has never been easier to set the appropriate ambience for reading a book, watching a movie or a party with friends. All you need is wireless bulbs and smart box. Then you can control every device from the comfort of your smartphone, tablet or smart TV. You can control not just colored or white light bulbs, but other appliances too.

REMOTE HEATING

1× **SMART RF BOX**

3× **WIRELESS THERMOVALVES**

KIT TO CONTROL HEATING VIA SMARTPHONE

Includes 3 wireless thermovalves that are installed instead the standard radiator valves. They measure the room temperature and send it to the Smart RF box. Smart RF box compares it with the temperature set along with the time schedule in the App of your phone and sends a command to open or close the valve. You can always turn on the heating circuit via app, whether you're at home, or just going to visit your cottage and do not want to come to unheated place.

THE OVERVIEW OF OTHER KITS

HEATING WITH SAVINGS   ORDER CODE: 5455

1× WIRELESS CONTROL UNIT RF TOUCH

3× WIRELESS THERMOVALVES

KIT TO CONTROL HEATING VIA WIRELESS RF TOUCH UNIT

Includes 3 wireless thermovalves that are installed instead the standard radiator valves. They measures the room temperature and send it to the RF Touch control unit. RF Touch compares it with the temperature set along with time schedule and sends a command to open or close the valve. You can set heating programs in the weekly schedule, separately for each circuit (room).

RADIO & MUSIC IN THE SWITCH   ORDER CODE: 5454

1× LARA RADIO

2× SPEAKERS

KIT FOR CONROLLING MUSIC, WHICH PERFECTLY FITS IN YOUR HOME´S INTERIOR

LARA is a music and internet radio player. We have registered 40 favorite Czech radios stations as presets stations, but you can easily change it using configurator. LARA plays the music stored in the NASA storage or in the external source (phone, MP3 player) connected through cable on the front panel of device. Inbuilt amplifier allows direct connection of speakers (in the same LOGUS 90 design) or allows connection of external in-wall or ceiling speakers.

THE OVERVIEW OF OTHER KITS

ONE CONTROLLER FOR ALL

1× SMART IR BOX

3× IR TRANSMITTER

KIT FOR CONTROLLING IR DEVICES VIA A SMARTPHONE

Thanks to smart IR box, you can control home appliances via a Smartphone. Thus you no longer need a bunch of controllers, you do not have to look for them, and you do not need to replace the battery. You always stick your phone in your pocket, always at hand. Moreover, you can control devices which are placed in another room (e.g. you can turn off TV in the children room).

YOUR HOUSE UNDER „THE THUMB"

1× SMART RF BOX

1× WIRELESS SWITCHING SOCKET

2× COLORED WIRELESS BULB

1× CAMERA

CONTROL YOUR HOUSE VIA A SMARTPHONE

The kit "House under the thumb" which you hold in your hands is the basic starter kit for all of you, who would like to make your home more comfortable. The starter kit consists of 2 x colored wireless bulbs, 1 x switching socket and 1 x camera, what allows you to try the basic units of iNELS RF Control – wireless solution. Everything is preset to ensure fast and easy

VIRTUAL KITS

The virtual kit is a set of wireless units that are packed individually (as an individual product), but on the other hand they are preset together (they are meant to work together) to ensure simple installation. They are offered at a discounted price and it is not possible to separate any unit from this price.

UNDERFLOOR HEATING - BY WATER

Any wireless temperature regulator measures the room temperature, it compares with set temperature and time program, then sends a command to switch on the units. Based on the command from temperature regulator, 6-channels switching unit is able to control up to 6 thermo-valves corresponding to heating circuits.

KIT CONSISTS OF:

Wireless temperature controller RFTC-50/G, wireless switch unit (6 outputs) RFSA-66M, thermodriver TELVA/230V.

UNDERFLOOR HEATING - BY ELECTRICITY

Temperature and switching unit (two in one) measures the floor temperature via external sensor (inbuild). Then it sends data to wireless touch unit RF Touch, which compares it with the temperature set along with the time schedule and then sends a command back to switch on/switch off the heating circuits. It is possible to connect up to 4 temperature/switching units.

Advice 1) If just one reference temperature is enough for you, so then it can be measured by temperature sensor RFTI-10B and to switch up to 6 independent heating circuits you can use 6-channels switching actuator RFSA-66M.

Advice 2) The wireless unit RF Touch can be replaced by Smart RF box and all can be controlled via your smartphone. Both solution can be used together.

KIT CONSISTS OF:

Switching actuator with thermosensor RFSTI-11/G, Wireless touch unit RF Touch.

AGAINST THE FLOOD

A wireless sensor monitors the water leaks or flooding in the critical places (basement, pits, shafts, bathroom, laundry,...) and sends immediately a command to the switching unit to close the solenoid valve of the main water supply. You can be also informed of that accident through GSM gateway by sending SMS text messages.

KIT CONSISTS OF:

Switch unit RFUS-61, wireless flood detector RFSF-1B, flood probe FP-1.

We recommend: solenoid valve: *MPW SS 304 - 1/2 (3/4) 230V AC.*

COLORED RGB LED STRIP

The app in your smartphone can send (through smart RF box) the commands to the dimming unit to which the RGB strip is connected. From your App it is possible to switch ON/OFF, to set the color or run the scene of automatic color blending.

Advice 1) The colored RGB strip can be controlled through RF Pilot, by controllers RFWB-20/40, RF key,...

Advice 2) If you do not want the colored RGB strip, we can replace it by monochromatic (warm white, cool white, red, ...). Then you can connect 8 m of monochromatic strip (power 7,2W/m) to RFDA-73M to each output.

KIT CONSISTS OF:

Smart RF box, dimmer RFDA-73M, 2 x 5m coloured RGB strip 7.2W/m, power supply 230V/12V/100W.

iNELS®

smart home solutions