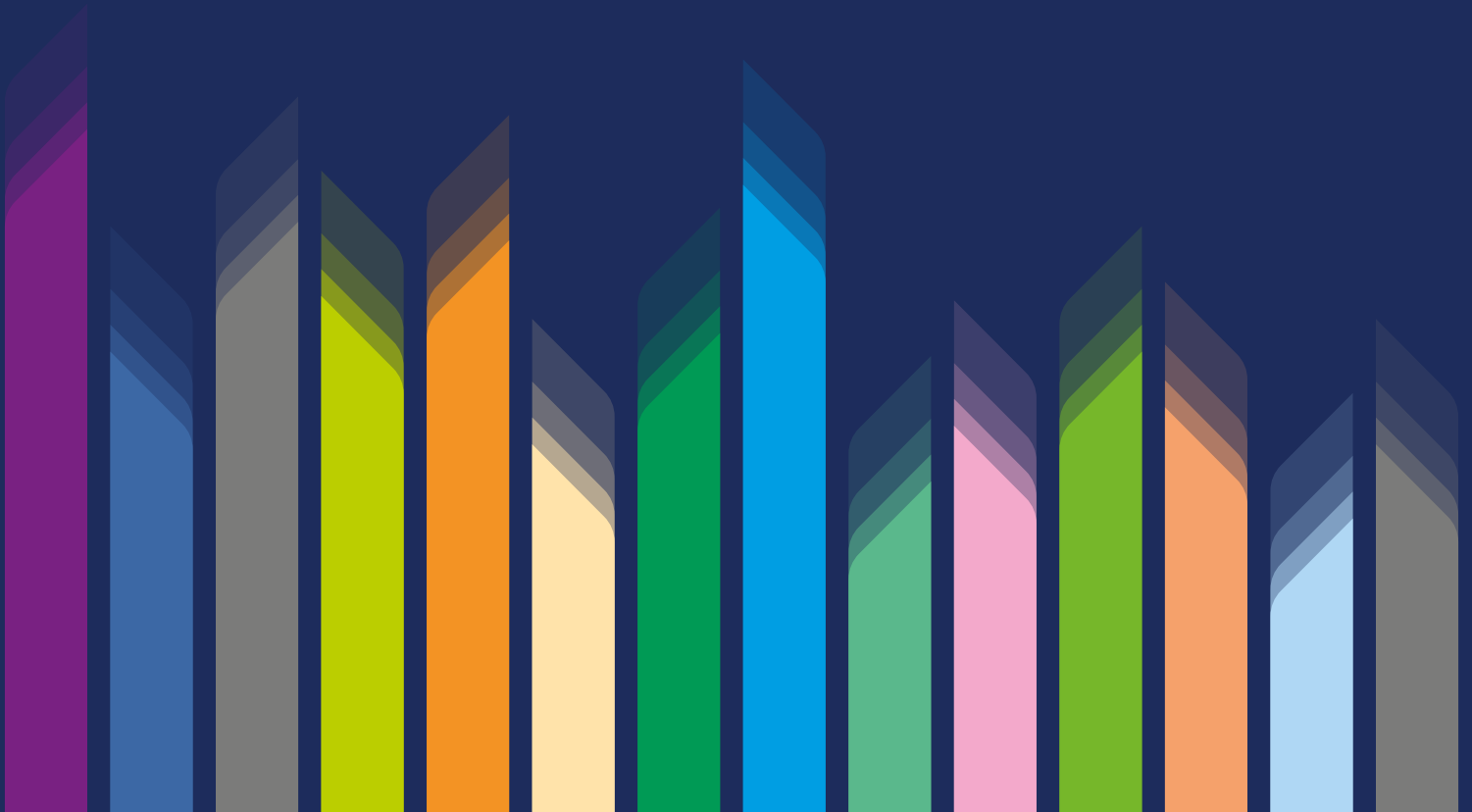




# 2019 PRODUCT CATALOGUE



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UNDERFLOOR HEATING  
WIRED SYSTEM

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MEET THE LEADER  
OF HEATING CONTROL SOLUTIONS

SALUS Controls is a part of Computime Group Limited (since 1974) established in Hong-Kong, widely known for its production capabilities and research projects in the field of electronic control technologies.

Computime Group Limited is a technology and distribution company that provides solutions in the field of thermal and renewable energy control.

## THE BRAND YOU CAN TRUST

SALUS Controls is more than heating control. The brand fills specific niche in the heating, air conditioning and intelligent control automation. For over 15 years we've been delivering the highest quality products and service in the commercial, industrial and consumer markets – from Asia through Europe and North America.



over  
**6000**  
employees



**1 000 000**  
of thermostats produced  
each month



over  
**40**  
countries in distribution  
network



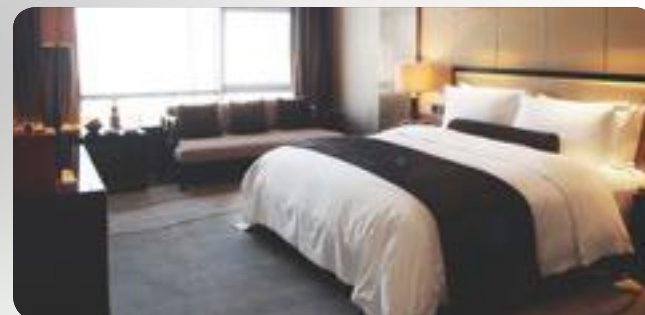
**18**  
global locations  
of our offices



# MULTITUDE OF PURPOSES



HOUSES & APARTMENTS



HOTELS & GUEST HOUSES



SWIMMING POOLS



OFFICES



SPORT & RECREATION FACILITIES



SCHOOLS



WAREHOUSES, HALLS & FACTORIES



HOSPITALS



SHOPPING MALLS



CHURCHES & TEMPLES

# INVESTMENT

## UP TO YOUR NEEDS



### ALWAYS RIGHT SELECTION

Use the ready tool on [www.it600.eu](http://www.it600.eu) or contact our company representative. Together we will choose the best solution for every investment.



### ADVANCED TECHNOLOGY

TPI is the best solution among available technologies and warranty of temperature comfort and optimal system operation. That's why we use it in most of our thermostats.



### POSSIBILITY OF EXTENSION

We create open systems. According from the needs, almost each can be expanded, also at a later stage of the investment.



### TECHNICAL SUPPORT

Our intention is to not leave you alone with the problem. Every moment is good for clear out all your doubts. If you have any questions just select a contact with the Region Co-ordinator or call our service technicians and let us help you.







# SALUS Smart Home

## UGE600

It is an internet gateway, integrating up to 100 devices in one iT600RF system. Thanks to this you can trigger almost unlimited scenarios of events, without necessity of use an extensive control panels  
The simpler the better.



### UNDERFLOOR HEATING



The right system control is a guarantee of its effectiveness.  
Check auto-balancing THB actuators and achieve full thermal comfort, at much lower water temperature in the heating circuits.



### RADIATOR HEATING



Traditional heating with SMART control. Thanks to automatically adapting TRV heads you will be sure that the perfect temperature is everywhere in the room, not just near the heater.



### AIR HEATING



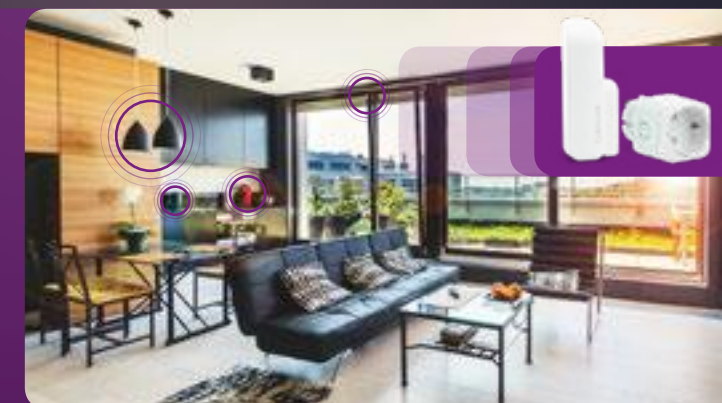
Fan coil units mean multifunctionality, aesthetics space and more effective heating / air cooling. Apply FC600 - fully configurable thermostat. Control it over the Internet or locally. Use convenient and economical solutions.



### SMART HOME ELEMENTS



Thanks to several devices you will get i.e.:  
• access to creation of event scenarios  
• support for the security system  
• lighting control  
• monitoring of energy consumption.



The SALUS Smart Home app is completely free of charge. It will allow you to enjoy system control via the Internet. When installing the app you will receive i.e.:  
• remote temperature control, for each room separately  
• advanced functions in thermostats  
• creating rules and free notifications from the system (e-mail, SMS).

See more on [www.iT600.eu](http://www.iT600.eu)



# UGE600

615171220



## Universal gateway

It's the heart of SALUS Smart Home system. It connects all iT600 devices in one fully integrated system, which works according to the rules (created by You).

### What do you get?

- 3 types of control: by smartphone, tablet or PC
- dedicated application - SALUS Smart Home
- invariably the latest version of the software (automatic updates).

### What else will you like?

- free system notification (SMS, @)
- possibility of connecting by wi-fi or LAN cable.

### CO10RF

615171360



If you prefer not to use internet at any time in the future, you can always use CO10RF, which coordinates devices of iT600 in Offline mode only.



Port	1x10/100 LAN port
Mounting	Table or wall mounted
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	H=55.5 Ø=90



# VS10WRF // VS10BRF

615172642 // 615172640



## Extra thin thermostat with a clear display and elegant design

### What do you get?

- TPI algorithm - that is a guarantee of a precisely maintained temperature
- the ability of creating your own schedules
- access to scenario creation thanks to OneTouch (e.g. the temperature in the living room will increase when you come back from work).

The settings you have saved will not change even in the case of the power loss.

### What else will you like?

- an input for the additional temperature sensor
- extending of the signal coverage
- modern style
- silent work.



Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^\circ\text{C}$ or $\pm 0.5^\circ\text{C}$
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	86 x 86 x 42
Thickness after mounting in 60 mm wall box [mm]	16.5



# VS20WRF // VS20BRF

615172645 // 615172644



## Digital thermostat with a clear display and elegant design

### What do you get?

- TPI algorithm - that is a guarantee of a precisely maintained temperature
- the ability of creating your own schedules
- access to scenario creation thanks to OneTouch (e.g. set automatically lowering the temperature when you leave the house).

### What else will you like?

- modern style and silent work
- possibility of installation at every stage of the investment
- an input for the additional temperature sensor
- Amazon ALEXA voice control.



Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^\circ\text{C}$ or $\pm 0.5^\circ\text{C}$
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	86 x 86 x 29



### VSTC

615171380

Use the practical safety cover for VS20RF to protect against manipulation and theft.



## Digital thermostat with a minimalistic design

### What do you get?

- TPI algorithm - that is a guarantee of a precisely maintained temperature
- the ability of creating your own schedules
- access to scenario creation thanks to OneTouch (e.g. turn the heating on, when the temperature in bathroom drops to 19°C).

### What else will you like?

- minimalistic design
- silent work
- possibility of installation at every stage of the investment
- an input for the additional temperature sensor.

# HTRP-RF(50)

615122626

Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^\circ\text{C}$ or $\pm 0.5^\circ\text{C}$
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	85 x 85 x 25



## Digital thermostat with a minimalistic design

### What do you get?

- TPI algorithm - that is a guarantee of a precisely maintained temperature
- operation according to schedules\* or daily cycle
- access to scenario creation thanks to OneTouch (e.g. turn the heating on, when the temperature in kids room drops to 20°C).

### What else will you like?

- minimalistic design
- silent work
- possibility of installation at every stage of the investment
- an input for the additional temperature sensor.

\* when used with UGE600

# HTRS-RF(30)

615122625

Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^\circ\text{C}$ or $\pm 0.5^\circ\text{C}$
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	85 x 85 x 25



## Electronic thermostat for those who appreciate the classic style of the panel

### What do you get?

- great value for money
- ease of use for everyone (as a daily thermostat).

### What else will you like?

- the ability to create schedules by the app\* (regardless of the output knob position)
- possibility of installation at every stage of the investment.

\* when used with UGE600

# HTR-RF(20)

615122624

Temperature range	5 - 32.5°C
Temperature accuracy	0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^\circ\text{C}$
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	80 x 80 x 35



# TS600

615171349



## Temperature sensor

This is a 2 in 1 product - can work as a temperature sensor + temperature controller at the same time.

### What do you get?

- the best value for money
- precise regulation according to the TPI algorithm
- an input for an additional sensor (floor temperature or indoor air temperature sensor).

### What else will you like?

- Full control of the device from the app:
- parameters configuration
- work according to schedules
- work according to OneTouch rules.

Temperature range	5 - 35°C (only in app)
Temperature accuracy	0.5°C (only in app)
Control algorithm	TPI or Hysteresis: $\pm 0.25^{\circ}\text{C}$ or $\pm 0.5^{\circ}\text{C}$
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	51 x 85 x 26



# TRV10RFM // TRV28RFM // TRV10RAM

615170712 // 615170713 // 615170710

## Smart thermostatic radiator valve

Paired with the Smart Home thermostats ensures a feeling of warmth in the whole room, not just near the radiator.

### What do you get?

- uniform temperature in the room, consistent with your expectations
- auto-fitting to the valve insert.

### What else will you like?

- small size and subtle design
- 'Open window' function (heating costs control)
- key lock (ideal when you have children)
- antifreeze protection
- the ability to control up to 6 heads by one thermostat.

Communication	Wireless, ZigBee 2.4 GHz
Thread's size	10RFM - M30 x 1.5 28RFM - M28 x 1.5 10RAM - Danfoss RA
Dimension [mm]	10RFM - 50 x 90 x 50 28RFM - 50 x 90 x 50 10RAM - 50 x 102 x 50



# KL08RF // KL08RF 24V

615171432 // 615171433

## Wiring centre, for 8 zones

### What do you get?

- control of 8 independent heating zones
- 24 outputs for connecting the actuators (3 per zone)
- the ability to control the boiler and pump operation.

### What else will you like?

- working with actuators of both types - NC and NO
- convenient installation of wires using the PLUG-IN method
- adaptation for mounting on a 35 mm DIN rail.

Rating max	3 A
Inputs	Heating/cooling changeover Dew point
Outputs	Pump (NO/COM) Boiler (NO/COM) UFH thermal actuators (230 V / 24V)
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	355 x 85 x 67



## Tamper-proof cover for TRV heads

Highly recommended for public facilities (i.e. schools, hospitals).

### What do you get?

- protection against tampering and theft
- solid construction made of ABS plastic
- ready for assembly:
  - TP10 for TRV10RAM - fixing screws
  - TP28-30 for TRV10RFM and TRV28RFM - tightening screws, allen key, metal closing bands fitting to M28x1.5 and M30x1.5.



examples of applications



# KL04RF

615171430



## Wiring centre extension for KL08RF

It extends the functionality of the KL08RF as a part of one system.

### What do you get?

- 4 additional heating zones
- 12 outputs for actuators
- convenient installation of wires using the PLUG-IN method
- adaptation for mounting on a 35 mm DIN rail.



Dimension [mm]	170 x 85 x 67
----------------	---------------



## 08RFA

615171361

External antenna for enhancing the communication signal of the wiring centre in the case of large distances between the iT600RF system devices.



## Heat source control module

### What do you get?

- certainty that it works only after receiving a signal from the thermostat
- an alternative to a wired connection between the boiler, and the KL08RF wiring centre.

Rating Max	16 (5) A
Output	NO/COM
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	145 x 100 x 35



# RX10RF

615171354



# SPE600

615171350



## Smart Plug

Intelligent plug which controls devices with power up to 3600 W. Controlled by application or button.

### What do you get?

- Amazon ALEXA voice control
- power measurement of connected devices
- history of energy consumption (on transparent graph).

### What else will you like?

- built-in child protection
- anti-load protection
- extending of the signal coverage.



Rating Max	16 A
Plug and Socket type	2 - Pin EU Schuko plug and Schuko socket
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	42 x 77 x 42



## Button-activator for OneTouch rules Single / double

The button allows you to activate any OneTouch rule you like without running the application.

### What do you get?

- immediate triggering of the event sequence
- full mobility of the device
- additional use as an emergency button, i.e.:
  - at home: as a contact with a guardian or a call for help
  - at work: as a discreet notification of pending guests.

# CSB600 // SB600

615171359 // 615171353

Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	CSB600: 59 x 66 x 27 SB600: 59 x 59 x 19



# SR600

615171351



## Smart Relay

### What do you get?

- voltage free output which you can use for controlling:
  - boilers
  - pumps
  - valves
  - lighting
  - actuators
  - other 230V devices
- voltage free input, which you can use with:
  - alarm panels
  - gate controllers
  - opening sensors
  - other.

### What else will you like?

- that it can be used as a "smart input" to the system
- optional installation in a flush mount box Ø 60 mm.



Rating Max	16 (5) A
Output	NO/COM
Inputs	S1 i S2
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	45 x 45 x 40

See application examples:



# SW600 // OS600

615171384 // 615171357



## Opening sensor in slim and standard version

### What do you get?

The ability to set OneTouch rules, including triggering action:  
 - turn on the light in the hall right after entering the house  
 - automatically switch off the heating for the time of airing  
 - notification in emergency situations (i.e. once your child opens a security gate, a cabinet with detergents, or tools-box etc.).

### What else will you like?

- an access to current device status (quick scan)
- free status change notifications (SMS, @)
- viewing the history of events.



Max. Magnet Gap (distance)	25 mm
Communication	Wireless, ZigBee 2.4 GHz
SW600 dimension [mm]	Sensor: 22 x 70 x 20 Magnet: 11 x 41 x 10
OS600 dimension [mm]	Sensor: 55 x 40 x 12 Magnet: 55 x 16 x 12



# OneTouch Rules

OneTouch rules are created by You,  
so You can be sure they will always meet Your needs.

Look at a few ready-made scenarios and get inspired to create Your own rules!  
Then it's just one click from triggering the action. It's that easy.



# WLS600

615170401



## Water leak sensor

Designed to detect leakage in plumbing/sewage installations.

### What do you get?

- notifications in the case of leakage and / or flooding
- extremely small size.

### What else will you like?

- total water resistance
- various assembly options (accessories included)
- work according to OneTouch rules (i.e. close the valve when water leak detected).



Communication	Wireless, ZigBee 2.4 GHz
External sensor length	2 m
Sensor dimension [mm]	H=25, Ø=55
Cover dimension [mm]	60 x 66 x 30



# SD600

Available in the II quarter of 2019.



615170402

## Smoke detector

Used to detect smoke in real time.

### What do you get?

- alerting about detecting threats (sound and light alarm)
- the possibility of using the sensor as a stand-alone device (without Smart Home system)
- free SMS notification\*
- an efficient warning system (for use in commercial buildings, i.e. hotels, warehouses).



Communication	Wireless, ZigBee 2.4 GHz
Alarm level	≥ 85dB
Operating temperature	-10 - 50° C
Operating humidity	≤ 95%
Dimension [mm]	60 x 60 x 49



\* while using with UGE600

# RS600

Available in the II quarter of 2019.



615173700

## Roller shutter

Using to control, i.e. roller blind or a garage gate.



Rating Max	5 (2) A
Inputs S1, S2	230V AC 50 Hz
Outputs SL1, SL2	230V AC 50 Hz
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	45 x 45 x 20



## ZigBee network repeater

Extends coverage of the ZigBee signal between Smart Home devices.

### What do you get?

- signal stability when distance is too large
- signal resistance to interference caused by structural obstacles (thick walls, metal elements and others).

### What else will you like?

- for RE600 - an aesthetic assembly in a subtle casing (included)
- for RE600 - an optional installation in a flush mount box Ø 60 mm.
- for RE10RF - USB or socket installation.

# RE600 // RE10RF

615171355 // 615171356

RE600	Communication	Wireless, ZigBee 2.4 GHz
	Repeater dimension [mm]	45 x 45 x 20
	Bracket dimension [mm]	84 x 84 x 28

RE10RF	Communication	Wireless, ZigBee 2.4 GHz
	Dimension [mm]	54 x 26 x 20.7



# SRS600

615171383



## An elegant housing for mounting SR600 on the wall or ceiling

### What do you get?

- protection of cables against pulling out
- protection for SR600 against external damage
- extremely elegant design.

Dimension [mm] || 84 x 84 x 28





# FAN COIL THERMOSTAT

## FC600

615170500



### Fan Coil thermostat

#### What do you get?

- energy-efficient and precise regulation (TPI algorithm)
- additional multifunctional inputs
- automatic fan speed control.

#### What else will you like?

- extremely simple configuration through the application
- Amazon ALEXA voice control (temperature control)
- possibility of working as an independent thermostat (without using the UGE600)
- filter contamination indication.

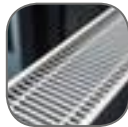


Rating Max	5 (2) A
Control outputs:	
- Fan Speed control (I, II, III gear)	230V AC 50 Hz
- Valve actuator (cooling/heating)	
Temperature range	5 - 40°C
Temperature accuracy	0.1°C or 0.5°C
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	86 x 86 x 46
Thickness after mounting in 60 mm wall box [mm]	16.5

FC600 is a multifunctional thermostat, which ensures you a control of:



2 OR 4 PIPE FAN COIL UNITS AND HEATERS WITH FANS



TRENCH HEATERS

It works as an independent wired thermostat or ...



... can be control via Internet as the Smart Home system element when connected with UGE600.



## Possible applications:



OFFICES



FARM BUILDINGS



WAREHOUSES



HOTELS

## FC600-M 0-10V

515251830



The module is designed for fans with an EC motor

#### What do you get?

- safe processing of the 230V fan signal to 0-10V
- converting the valves signal from 230V to 24V DC
- silent operation of the controlled device (thanks to smooth adjustment between fan speeds).

Inputs:	
- F1,F2,F3: Low/Medium/High fan speeds	230V AC
- V1, V2: Valve inputs (heating and cooling)	
Outputs:	
- Fan supply and control	24V DC; 6.5 A 0...10V
- V1, V2: Valve outputs (heating and cooling)	24V DC; 1 A
Mounting	35 mm DIN Rail
Dimension [mm]	51 x 90 x 65



WORKSHOPS



HOUSES



SHOPS



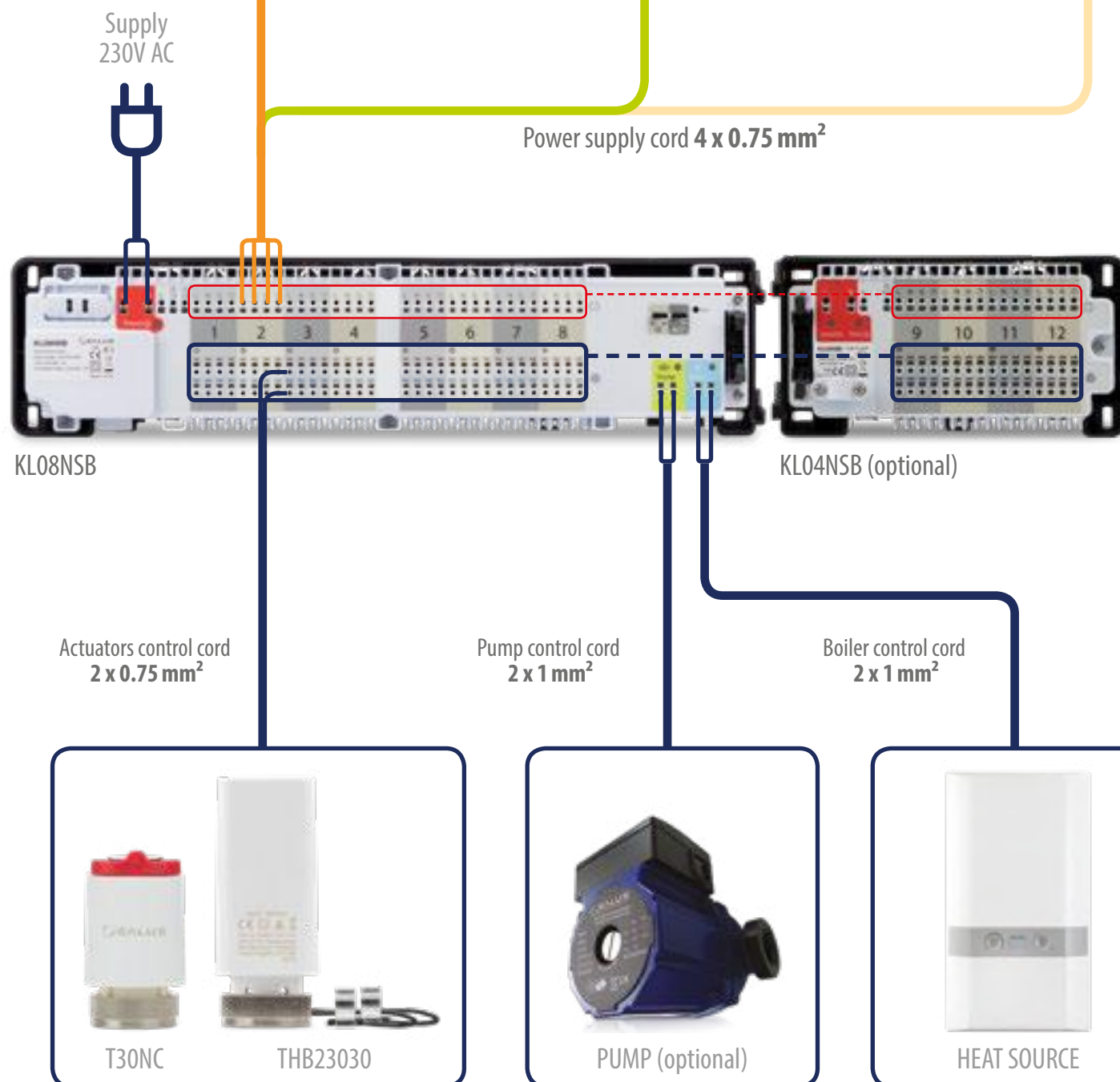
### EXPERT NSB SERIES



### EXPERT HTR SERIES



### EXPERT SERIES



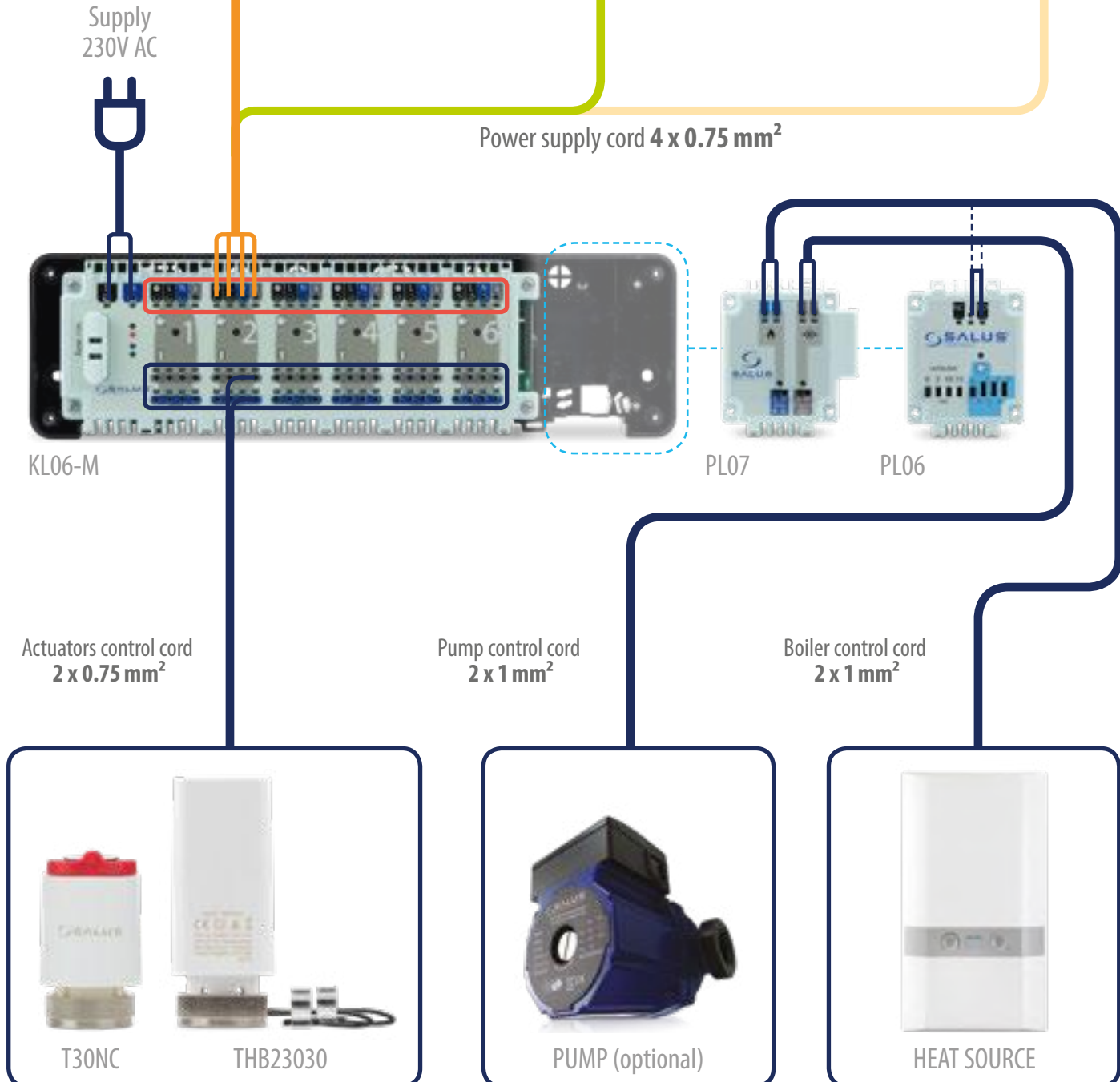
### EXPERT NSB SERIES



### EXPERT HTR SERIES



### EXPERT SERIES



Detailed wiring diagrams on pages: 44-46.



VS30W // VS30B

615132931 // 615132930



Extra thin thermostat  
with a clear display and elegant design

What do you get?

- the ability of creating your own schedules
- option of controlling several daily thermostats.

What else will you like?

- modern style
- an input for the additional temperature sensor
- working with actuators of both types - NC and NO.



Rating Max	3 A
Output	230V AC 50 Hz
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	PWM or Hysteresis: $\pm 0.25^{\circ}\text{C}$ or $\pm 0.5^{\circ}\text{C}$
Communication	Wired
Dimension [mm]	86 x 86 x 42
Thickness after mounting in 60 mm wall box [mm]	16.5



Wiring centre, for 8 zones

What do you get?

- control of 8 independent heating zones
- 32 outputs for connecting the actuators (4 per zone)
- the ability to control the boiler and pump operation.

What else will you like?

- working with actuators of both types - NC and NO
- convenient installation of wires by using the PLUG-IN method
- adaptation for mounting on a 35 mm DIN rail.



Rating Max	3 A
Inputs	External clock (230V)
Outputs	Pump (NO/COM) Boiler (NO/COM) UFH thermal actuators (230 V)
Dimension [mm]	355 x 85 x 67

VS35W // VS35B

615132933 // 615132932



Extra thin thermostat  
with a clear display and elegant design

What do you get?

- temperature change according to the command given by a programmable thermostat (in AUTO mode)
- night-time temperature reduction (NSB).

What else will you like?

- modern style
- an input for the additional temperature sensor
- working with actuators of both types - NC and NO.



Rating Max	3 A
Output	230V AC 50 Hz
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	PWM or Hysteresis: $\pm 0.25^{\circ}\text{C}$ or $\pm 0.5^{\circ}\text{C}$
Communication	Wired
Dimension [mm]	86 x 86 x 42
Thickness after mounting in 60 mm wall box [mm]	16.5



Wiring centre extension for KL08NSB

It extends the functionality of the KL08NSB as part of one system.

What do you get?

- 4 additional heating zones
- 16 outputs for actuators
- convenient installation of wires by using the PLUG-IN method
- adaptation for mounting on a 35 mm DIN rail.



KL04NSB

615131400

Dimension [mm] || 170 x 85 x 67





## HTRP230(50) // HTRP24(50)

615122922 / 615122924



### Digital thermostat with a minimalist design

#### What do you get?

- absolutely silent operation
- the ability of creating your own schedules
- option of controlling several daily thermostats.

#### What else will you like?

- minimalist style
- an input for an additional temperature sensor
- switching between HEATING / COOLING modes through the CO contact.



Rating Max	0.5 A (230V) // 1.5 A (24V)
Output	230V AC 50 Hz // 24V AC 50 Hz
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	PWM or Hysteresis: $\pm 0.25^\circ\text{C}$ or $\pm 0.5^\circ\text{C}$
Communication	Wired
Dimension [mm]	85 x 85 x 25



### Digital thermostat dedicated for mounting in a 55x55 cm frame

#### What do you get?

- absolutely silent operation
- stylish product for arising investments
- the ability of creating your own schedules
- option of controlling several daily thermostats.

#### What else will you like?

- stylish design
- an input for an additional temperature sensor
- switching between HEATING / COOLING modes through the CO contact.

## BTRP230(50)

615122911

Rating Max	0.5 A
Output	230V AC 50 Hz
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	PWM or Hysteresis: $\pm 0.25^\circ\text{C}$ or $\pm 0.5^\circ\text{C}$
Communication	Wired
Dimension [mm]	71 x 71 x 46



## HTRS230(30)

615122921



### Digital thermostat with a minimalist design

#### What do you get?

- absolutely silent operation
- sensational value for money
- temperature change according to the command given by a programmable thermostat (in AUTO mode)
- night-time temperature reduction (NSB).

#### What else will you like?

- minimalist style
- switching between HEATING / COOLING modes through the CO contact.



Rating Max	0.5 A
Output	230V AC 50 Hz
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	PWM or Hysteresis: $\pm 0.25^\circ\text{C}$ or $\pm 0.5^\circ\text{C}$
Communication	Wired
Dimension [mm]	85 x 85 x 25



### Electronic thermostat in a classic design, dedicated for mounting in a 55x55 cm frame

#### What do you get?

- absolutely silent operation
- budget solution for arising investments
- temperature change according to the command given by a programmable thermostat (in AUTO mode)
- night-time temperature reduction (NSB).

#### What else will you like?

- classic style
- discrete indication of working mode
- switching between HEATING / COOLING modes through the CO contact

## BTR230(20)

615122910

Rating Max	0.5 A
Output	230V AC 50 Hz
Temperature range	5 - 30°C
Control algorithm	PWM or Hysteresis: $\pm 0.5^\circ\text{C}$
Communication	Wired
Dimension [mm]	71 x 71 x 53



## HTR230(20) // HTR24(20)

615122920 / 615122923



### Electronic thermostat in a classic design

#### What do you get?

- absolutely silent operation
- budget solution for arising investments
- temperature change according to the command given by a programmable thermostat (in AUTO mode)
- night-time temperature reduction (NSB).

#### What else will you like?

- classic style
- discrete indication of working mode
- switching between HEATING / COOLING modes through the CO contact.



Rating Max	0.5 A (230V) // 1.5 A (24V)
Output	230V AC 50 Hz // 24V AC 50 Hz
Temperature range	5 - 30°C
Control algorithm	PWM or Hysteresis: $\pm 0.5^\circ\text{C}$
Communication	Wired
Dimension [mm]	85 x 85 x 30



BRING OUT  
YOUR STYLE



You can find presented frames in Berker, Ospel and Simon offer.



ERT2024V

615112972



Electronic thermostat

This is an ideal choice for those who appreciate the classic style and regulation.

What do you get?

- simplicity of use
- temperature change according to the command given by a programmable thermostat
- possibility to reduce the temperature at night (NSB)
- operation signaling by a backlit LED-ring.

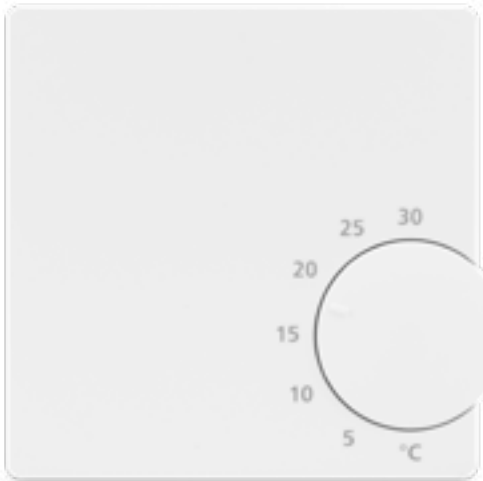


Rating Max	10 (3) A
Output	24V AC 50 Hz
Temperature range	5 - 30°C
Control algorithm	Hysteresis: $\pm 0.5^{\circ}\text{C}$
Communication	Wired
Dimension [mm]	75 x 75 x 25



RT10230V // RT1024V

615112920 // 615112921



Electronic thermostat

For those looking for the simplest thermostat in the offer.

What do you get?

- fantastic price
- simplicity of use
- temperature change according to the command given by a programmable thermostat
- the ability to reduce the temperature at night (NSB).



Rating Max	10 (2) A // 10 (3) A
Output	230V AC 50 Hz // 24V AC 50 Hz
Temperature range	5 - 30°C
Control algorithm	Hysteresis: $\pm 0.5^{\circ}\text{C}$
Communication	Wired
Dimension [mm]	75 x 75 x 25



KL06-M // KL0624V

615111401 // 615111407

Wiring centre, for 6 zones

What do you get?

- control of 6 independent heating zones
- 24 outputs for connecting the actuators (4 per zone)
- the ability to control the boiler and pump operation (via PL06/PL07 module).

What else will you like?

- convenient installation of wires by using the PLUG-IN method
- adaptation for mounting on a 35 mm DIN rail
- already included transformer (230 / 24V), when buying KL06 24V wiring centre.



Rating Max	2 (1) A // 2 (1) A
Outputs	UFH thermal actuators (230V // 24V)
Dimension [mm]	300 x 86 x 63



Get more benefits at a lower price!

KL06 + PL06

615111404

PL06 gives you:

- control of the pump or boiler
- possibility to decide which thermostat shall turning the pump ON.



Boiler and pump control module for KL06 wiring centre

What do you get?

- pump and boiler control
- very easy and quick assembly into the wiring centre
- a convenient PLUG-IN method for wiring installation.

What else will you like?

- adaptation to work with both voltage - 230V and 24V of KL06
- possibility to decide which thermostat shall turning the pump ON.

Rating Max	5 (2) A
Output	2 x NO/COM
Dimension [mm]	70 x 80 x 20



PL07

615111806



Boiler or pump control module for KL06 wiring centre

What do you get?

- pump or boiler control
- very easy and quick assembly into the wiring centre
- a convenient PLUG-IN method for wiring installation.

What else will you like?

- adaptation to work with both voltage - 230V and 24V of KL06.

Rating Max	5 (2) A
Output	NO/COM/NC
Dimension [mm]	60 x 80 x 20



PL06

615111805

T30NC // T28NC // T30NO

T30NC 230V - 615211603  
T30NC 24V - 615211606

T28NC - 615211500

T30NO 230V - 615211608  
T30NO 24V - 615211609

Thermoelectric actuators for controlling operation of particular heating circuits

What do you get?

- faster installation thanks to the 'FIRST OPEN' function
- a construction that guarantees reliability
- more effective heating of the loop (by a shorter opening time).

What else will you like?

- very small sizes (fits most installations)
- visible status indicator (open / closed).

Max. inrush current.	for 230V - 200 mA / 200 ms for 24V - 250 mA / 120 s
Power consumption	2W
Type	NC = Normally closed NO = Normally open
Closing force	100 N ( $\pm 10\%$ )
Opening time	approx. 2 min
Thread's size	M30x1.5 / M28x1.5
Dimension [mm]	40 x 70 x 40
Power cord length [cm]	89



THB23030

615210214

## AUTOBALANCING ACTUATOR THB IS:



### Installation in 3 easy steps:

1. Place THB on the manifold
  2. Put the sensors on
  3. Power it up
- Done!**



### Saving time

and „peace of mind“ – no extra testing,  
no recalibration.



### Efficient heating system

even with various loop length  
or room make-over.



### Perfect match

No matter you have manifolds with flowmeters  
or without them. THB can be used with both type.  
They fit most popular thread size – M30x1.5.



### 5 year warranty

We are sure about the quality, so we give you  
5 year trouble-free operation.



### Uniqueness

The innovative technological solution,  
first on the market.



Even 90% of CH installation is not balanced properly!

## ONE PRODUCT FOR SEVERAL PROBLEMS

Only by using THB23030 by steady temperature measurement (at the start and end of the loop), actuators maintain optimal difference of temperature ( $\Delta T$ ) and adjust automatically the water flow.



Power consumption	0,5W
Opening time	30 seconds
Protection class	IP54
Thread's size	M30 x 1.5
Dimension [mm]	93 x 38 x 54
Power cord length [cm]	93
Sensors cord length [cm]	45

Find out more on:



### Thermostat with OpenTherm (Boiler Plus) communication

#### What do you get?

- cosy temperature at the appointed time
- simple operation, regardless of technical advancement of its user.

#### What else will you like?

- extremely clear LCD screen
- solutions for landlords (PIN code protection, limitation of the MIN / MAX temperature setpoint).



OpenTherm®



### Thermostat with OpenTherm (Boiler Plus) communication

#### What do you get?

- cosy temperature at the appointed time
- simple operation, regardless of technical advancement of its user
- working according to schedules.

#### What else will you like?

- extremely clear LCD screen
- solutions for landlords (PIN code protection, key-lock function, limitation of the MIN / MAX temperature setpoint).



OpenTherm®



RT520

615292902

Rating Max	3 (1) A
Output	OpenTherm or voltage free NC/COM/NO
Temperature range	5 - 33.5°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^\circ\text{C}$ or $\pm 0.5^\circ\text{C}$
Communication	Wired
Dimension [mm]	118 x 95 x 26



RT520RF

615292601

Rating Max	16 (5) A
Output	OpenTherm or voltage free COM/NO
Temperature range	5 - 33.5°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^\circ\text{C}$ or $\pm 0.5^\circ\text{C}$
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 118 x 95 x 26 Receiver: 96 x 96 x 27



You can found the list of the compatible boilers on

[www.salus-controls.eu](http://www.salus-controls.eu)

or by scannig QR code:





## iT500

615151298



### Internet thermostat

IT500 - the internet thermostat gives you the ability to control of CH (temperature control) and DHW system (time control).

#### What do you get?

- system control via the Internet
- work according to schedules
- elegant design
- touchscreen.



Rating Max	CH1: 16 (5) A CH2: 5 (3) A
Output	2 x NO/COM/NC
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^\circ\text{C}$ or $\pm 0.5^\circ\text{C}$
Communication	Wireless, 868 Mhz
Dimension [mm]	iT500TR: 128 x 95 x 30 iT500: 39 x 91 x 25, antenna: 70 iT500RX: 145 x 100 x 35

### Free iT500 Plus App



Choose 1 of 3 configurations for your iT500:



One heating zone



Two independent heating zones\*  
\*requires iT300 sensor



One heating zone + hot water

## iT300

615150499



### Temperature sensor for the iT500 thermostat

The iT300 temperature sensor is designed to work with the iT500 internet thermostat. Allows you to control the second heating zone.



Communication	Wireless, 868 Mhz
Dimension [mm]	76 x 76 x 22



### Electronic thermostat

The RT310i thermostat proves that "internet" doesn't have to mean "complicated".

#### What do you get?

- factory-paired devices
- control of any heat source (details below)
- convenient scheduling through the application.

#### What else will you like?

- no repeatability of transmission codes
- automatic signal renewal after power interruptions
- geo-location option (according to the settled distance to the house it reminds you it may be good to switch device to the work mode to achieve the perfect temperature)



### Transmitter

Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^\circ\text{C}$ or $\pm 0.5^\circ\text{C}$
Communication	Wireless, 868 Mhz
Dimension [mm]	96 x 96 x 27

### Gateway

Port	1 x 10/100 LAN port
Dimension [mm]	39 x 91 x 25, antenna: 70

### Receivers

Rating Max	16 (5) A
Dimension [mm]	RXRT510: 96 x 96 x 27 SPE868: 42 x 77 x 42 SR868: 44 x 44 x 26



Download FREE RT310i App



iTG310\*  
615201229



Internet gateway iTG310 is compatible with RT310i and iT500



RXRT510\*  
615252182



RT310i

615201227

Recommended for boiler control



SPE868\*  
615202139



RT310iSPE

615201228

Recommended for pump control



SR868\*  
615252185



RT310iSR

615201230

Recommended for electric heating



\* Each element can be purchased separately or as a ready set.



# RT310

615202926



### Electronic room thermostat - daily

#### What do you get?

- control of any heat source
- the simplest to use regulator with a digital display
- a convenient button for the temporary backlight of the screen
- SLEEP MODE (pauses all functions - perfect for out-of-season period).



Rating Max	3 (1) A
Output	NO/COM/NC
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C
Communication	Wired
Dimension [mm]	96 x 96 x 27



# RT310TX\*

615202031



### Electronic room thermostat - daily

#### What do you get?

- factory-paired devices
- control of any heat source (details below)
- the simplest to use regulator with a digital display
- a convenient button for the temporary backlight of the screen.

#### What else will you like?

- no repeatability of transmission codes
- automatic signal renewal after power interruptions
- SLEEP MODE (pauses all functions - perfect for out-of-season period)
- a convenient button for the temporary backlight of the screen.



Transmitter	
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C
Communication	Wireless, 868 Mhz
Dimension [mm]	96 x 96 x 27

Receivers	
Rating Max	16 (5) A
Dimension [mm]	RXRT510: 96 x 96 x 27 SPE868: 42 x 77 x 42 SR868: 44 x 44 x 26

# RXRT510\*

615252182



# SPE868\*

615202139



# SR868\*

615252185



# RT310RF

615202629

Recommended  
for boiler control

# RT310SPE

615202630

Recommended  
for pump control

# RT310SR

615202634

Recommended  
for electric heating



### Electronic thermostat - programmable

#### What do you get?

- control of any heat source (details below)
- work according to time-schedules
- manual overwriting of the temperature.

#### What else will you like?

- convenient button for changing the operating mode to manual
- SLEEP MODE (pauses all functions - perfect for out-of-season period).

# RT510

615202935



Rating Max	3 (1) A
Output	NO/COM/NC
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C
Communication	Wired
Dimension [mm]	120 x 96 x 27



### Electronic thermostat - programmable

#### What do you get?

- factory-paired devices
- control of any heat source (details below)
- work according to time-schedules
- manual overwriting of the temperature.

#### What else will you like?

- no repeatability of transmission codes
- automatic signal renewal after power interruptions
- convenient button for changing the operating mode to manual
- SLEEP MODE (pauses all functions - perfect for out-of-season period).



Transmitter	
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C
Communication	Wireless, 868 Mhz
Dimension [mm]	120 x 96 x 27

Receivers	
Rating Max	16 (5) A
Dimension [mm]	RXRT510: 96 x 96 x 27 SPE868: 42 x 77 x 42 SR868: 44 x 44 x 26

# RXRT510\*

615252182



# SPE868\*

615202139



# SR868\*

615252185



# RT510RF

615202636

Recommended  
for boiler control

# RT510SPE

615202637

Recommended  
for pump control

# RT510SR

615202635

Recommended  
for electric heating

\* Each of the presented elements can be purchased separately or as a ready set.

\* Each of the presented elements can be purchased separately or as a ready set.



091FLv2

615142911



Electronic thermostat

Recommended by customers for its failure-free, durability and great value for money.

What do you get?

- possibility to control any heat source
- 6 default programs
- 3 individual programs.



Rating Max	5 (3) A
Output	Voltage free NO/COM
Temperature range	5 - 30°C
Temperature accuracy	0.2°C
Control algorithm	Hysteresis: $\pm 0.25^{\circ}\text{C}$ or $\pm 0.5^{\circ}\text{C}$
Communication	Wired
Dimension [mm]	154 x 80 x 30



Electronic thermostat

What do you get?

- possibility to control any heat source
- 6 predefined programs
- 3 individual programs
- work according to the AUTO-adapt function (it helps to achieve the desired temperature on time)

What else will you like?

- a convenient button for the temporary backlight of the screen.

Rating Max	5 (3) A
Output	Voltage free NO/COM
Temperature range	5 - 30°C
Temperature accuracy	0.2°C
Control algorithm	Hysteresis: $\pm 0.4^{\circ}\text{C}$ , $\pm 0.8^{\circ}\text{C}$ , $\pm 1.4^{\circ}\text{C}$ or $\pm 1.8^{\circ}\text{C}$
Communication	Wired
Dimension [mm]	96 x 117 x 22



091FLRFv2

615142612



Electronic thermostat

Recommended by clients for convenient schedules, aesthetics and an excellent price/performance ratio.

What do you get?

- factory-paired devices
- possibility to control any heat source
- 6 default programs
- 3 individual programs.

What else will you like?

- no repeatability of transmission codes
- automatic signal renewal after power interruptions
- an integrated (foldable) stand.



Rating Max	16 (5) A
Output	Voltage free NO/COM
Temperature range	5 - 30°C
Temperature accuracy	0.2°C
Control algorithm	Hysteresis: $\pm 0.25^{\circ}\text{C}$ or $\pm 0.5^{\circ}\text{C}$
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 154 x 80 x 30 Receiver: 96 x 96 x 27



Electronic thermostat

What do you get?

- possibility to control any heat source
- 6 predefined programs
- 3 individual programs
- work according to the AUTO-adapt function (it helps to achieve the desired temperature on time).

What else will you like?

- a convenient button for the temporary backlight of the screen
- an integrated (foldable) stand.

Rating Max	16 (5) A
Output	Voltage free NO/COM
Temperature range	5 - 30°C
Temperature accuracy	0.2°C
Control algorithm	Hysteresis: $\pm 0.4^{\circ}\text{C}$ , $\pm 0.8^{\circ}\text{C}$ , $\pm 1.4^{\circ}\text{C}$ or $\pm 1.8^{\circ}\text{C}$
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 96 x 117 x 22 Receiver: 129 x 97 x 35



RXRT510

615252182



Additional receiver

RXRT510 receiver is compatible with the following STANDARD thermostat:

- 091FLRFv2(TX)
- RT510TX
- RT310TX.



Rating Max	16 (5) A
Output	Voltage free NO/COM
Dimension [mm]	96 x 96 x 27



Additional receiver

RXRT505 receiver is compatible with the following STANDARD thermostat:

- 091FLRF(TX)
- ERT20RF
- T105RF.

RXRT505

615252181



Rating Max	16 (5) A
Output	Voltage free NO/COM
Dimension [mm]	129 x 97 x 35



ERT20RF

615232685



Electronic thermostat

Attractive price and unusual ease of use in one.

What do you get?

- classic style
- perfect solution for seniors
- readable temperature indicator
- discreet LED signaling in the working mode.

Rating Max	16 (5) A
Output	Voltage free NO/COM
Temperature range	5 - 32.5°C
Control algorithm	Hysteresis: $\pm 0.5^{\circ}\text{C}$
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 80 x 80 x 30 Receiver: 129 x 97 x 35



RT100

615202920



Mechanical thermostat

Bimetallic controller, ideal for "temporary owners" of the real estate, looking for basic system control.

What do you get?

- the lowest price
- ideal product for commercial or industrial buildings
- possibility of connection to any heat source (NO / COM / NC contacts).

Rating Max	1 A
Output	NO/COM/NC
Temperature range	10 - 30°C
Communication	Wired
Dimension [mm]	80 x 80 x 40



RT200

615202922



Electronic room thermostat

This thermostat provides you control of devices with a voltage of 230V.

What do you get?

- convenient operation
- practical mounting plate that simplifies wall installation
- operation signaling by a LED-ring.

Rating Max	3 (1) A
Output	230V AC 50 Hz
Temperature range	5 - 35°C
Control algorithm	Hysteresis: $\pm 1^{\circ}\text{C}$
Communication	Wired
Dimension [mm]	95 x 95 x 40



Single channel programmer

Digital timer for those, who want to control 1 device (i.e. DHW pump or lighting).

What do you get?

- work in a daily cycle or 5-2
- possibility to create 3 time programs (ON/OFF periods, defined with accuracy to 1 minute)
- maintaining the clock settings.

Rating Max	3 (1) A
Output	Voltage free NO/COM/NC
Number of channels	1
Dimension [mm]	120 x 98 x 27



EP110

615232952



Double channel programmer

Digital timer for those, who want to control 2 devices (i.e. DHW pump and lighting).

What do you get?

- work in a daily cycle or 5-2
- possibility to create 3 time programs (ON/OFF periods, defined with accuracy to 1 minute)
- maintaining the clock settings.

Rating Max	3 (1) A
Output	2 x SPDV 230V AC
Number of channels	2
Dimension [mm]	120 x 98 x 27



EP210

615232954



Triple channel programmer

Digital timer for those, who want to control 3 devices (i.e. DHW pump, lighting, heater).

What do you get?

- work in a daily cycle or 5-2
- possibility to create 3 time programs (ON/OFF periods, defined with accuracy to 1 minute)
- maintaining the clock settings.

Rating Max	3 (1) A
Output	3 x SPDV 230V AC
Number of channels	3
Dimension [mm]	120 x 98 x 27



EP310

615232955

# WEATHER THERMOSTATS

## MULTI-MIX

515232800



### Weather controller of integrated heating systems

#### One controller - MANY POSSIBILITIES!

Multi-Mix can control two regulated heating circuits, one direct circuit, charging of DHW tank, solar circuits and an additional heat source (i.e. stoves).

#### What do you get?

- various working configuration and type of control:
  - weather-set (thanks to the outside temperature sensor)
  - constant-temperature - by setpoint value
  - according to internal time schedules
  - by room thermostats (which control heating circuits)
- an operation of installation with buffer or hydraulic clutch
- 3 temperature sensors included (CT6-P - 1 pc., CT10-X - 5 pcs.).

#### What else will you like?

- system of hints during configuration
- colorful menu and touchscreen
- auto-detection of the heating season.



Rating Max	6 (6) A
Temperature inputs	Outside temperature Main heat source temperature (hydraulic clutch) Additional heat source temperature Mixer 1 temperature Mixer 2 temperature HW temperature Solar collector temperature Tank buffer temperature
Voltage free inputs	TP1, TP2, TP3 - room thermostats inputs
Voltage outputs (230 V).	6 heating circuit pumps, 230V 2 actuators with 230V mixing valves control 4 controlled voltage outputs, 230 V
Voltage free NO/COM/NC outputs	Main heating source control
Control outputs 0-10 V	Main heating source control
Protection class	IP20
Ambient temperature	T50
Dimension [mm]	340 x 225 x 60



### Weather thermostat

Provides the perfect temperature of the heating circuit, regardless of outside weather conditions.

#### What do you get?

- control of the heat source
- weather compensation based on the heating curve
- convenience, thanks to the auto-detection of the heating season
- 3 temperature sensors included (CT6-P - 1 pc., CT10-X - 2 pcs.).

#### What else will you like?

- possibility of pump control
- compatibility with all ON / OFF thermostats
- smooth regulation of the system (with 3 or 4-way valves).

Rating Max	3 (3) A
Inputs	T1- mixer temperature T2- outside temperature T3- return temperature T4- boiler temperature TP- room thermostat input
Outputs	Heating circuit pump Mixing valve control output Heating sources control output
Protection class	IP20
Ambient temperature	T40
Dimension [mm]	140 x 99 x 43



### TOUCH & PLAY BUTTON

### TOUCH & PLAY

#### How does it work?

Short pressing of the encoder - causes entry to the selected parameter or confirmation of the selected value.

Holding the button (3 sec.) - causes the exit of the selected parameter or none-acceptance of the selected value.

Turning the TOUCH & PLAY encoder - increases or decreases the value of displayed parameter.

## MULTI-MIX MODULE B // MULTI-MIX MODULE C

515232801 // 515232802



### Extension module

B and C modules\* are the extension of the functionalities of the Multi-Mix thermostat, for another 4 heating circuits.

#### What do you get?

- support for additional 2 heating circuits with mixing (mixing valve + circuit pump)
- full setting control (from the thermostat)
- compatibility with all ON / OFF thermostats
- 2 temperature sensors included.

#### REMEMBER!

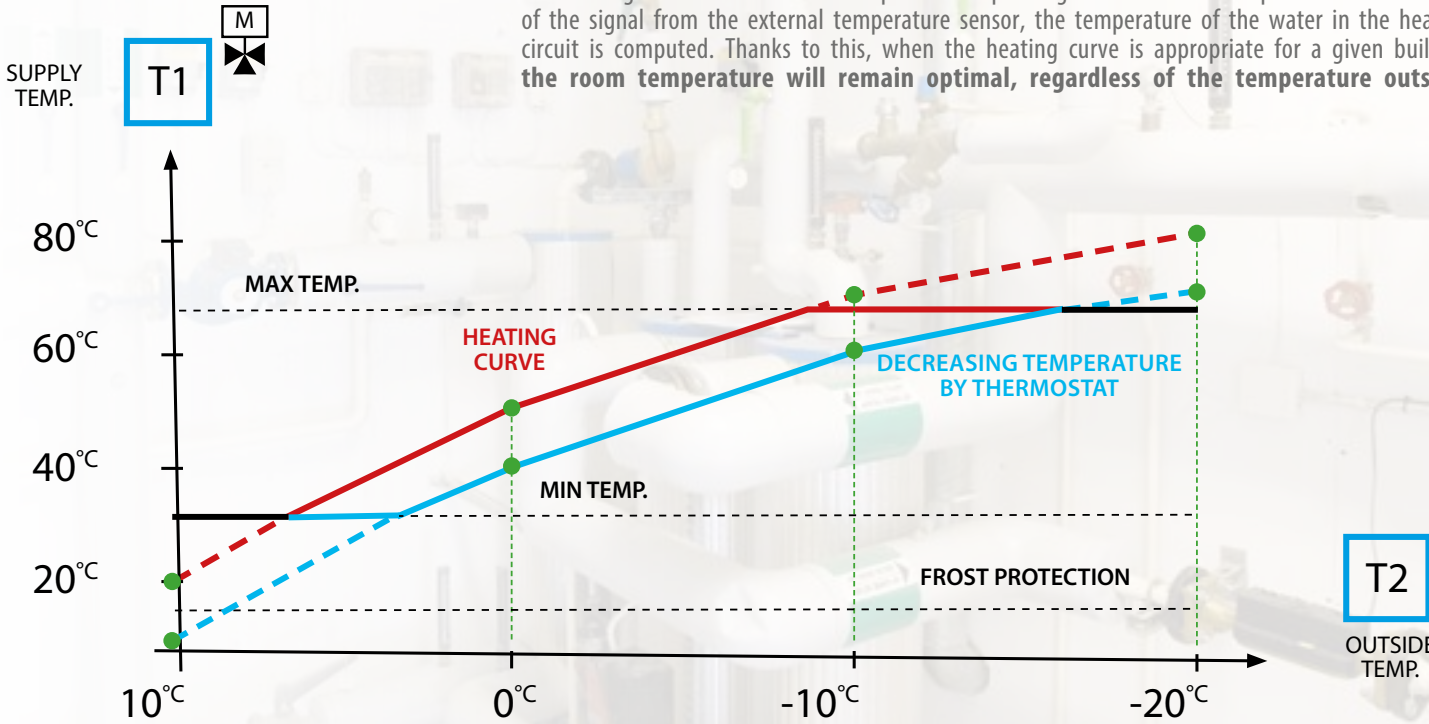
- With one Multi-mix thermostat you can use simultaneously:
- 1x Module B, or
  - 1x Module C, or
  - 1x Module B + 1x Module C.

Rating Max	6 (6) A
Inputs	T1 - mixer 1 temperature T2 - mixer 2 temperature TP1 - room thermostat (ON/OFF) TP2 - room thermostat (ON/OFF)
Voltage outputs (230 V)	2x heating circuit pump 2x actuators with 230V mixing valves control
Sensors measuring range:	0...100°C
Mounting	35 mm DIN Rail
Dimension [mm]	140 x 90 x 65



## HEATING CURVE

The heating curve 'sets' the flow temperature depending on the outside temperature. On the basis of the signal from the external temperature sensor, the temperature of the water in the heating circuit is computed. Thanks to this, when the heating curve is appropriate for a given building the room temperature will remain optimal, regardless of the temperature outside.



\* Thier operation is possible only if Multi-Mix has been installed first.



PC11 // STP1

815182899 // 415232802



Pump controller for CH system

PC11

What do you get?

- displaying of the measured temperature
- simple operation via 3 buttons
- preventing pump from failure (ANTI-stop function)
- an option of working in manual mode.

What else will you like?

- sound alarm (to avoid boiler's overheating)
- protection against boiler's freezing (ANTI-frost function).

STP1

What do you get?

- control of the CH pump
- simple operation via a knob
- preventing pump from failure (from overheating and freezing)
- LED indication.



Rating Max	6 A
Power consumption	2 W
Temperature range	5 - 80°C
Temperature measurement range	0 - 99°C
Operating temperature	-10 - 50°C
Sensor wire length	1,2 m
Dimension [mm]	155 x 70 x 35

Max moc pompy	180 W
Power consumption	2 W
Temperature range	10 - 90°C
Operating temperature	-10 - 50°C
Sensor wire length	1.2 m
Dimension [mm]	132 x 72 x 50



Solar circuits controller

What do you get?

- 12 ready-to-use operation schemes
- smooth control of the solar pump (thanks to PWM)
- 2 temperature sensors in the set (CT6-PT1000 - 1 pc., CT6 W-PT1000 - 1 pc.).

What else will you like?

- friendly "Touch & Play" system that facilitates its operation
- heat dump option
- an intelligent alarm (recognizing unwanted states of temperature)
- information about amount of recovered energy (weekly registered as a graph).

PCSOL 201

515183013

Measurement inputs	4 temperature inputs
Low voltage outputs	Output (H) 5 - 6 V / 0.1 A (DC) Output PWM for controlling the solar pump (only P1)
High voltage outputs P1, P2	230V AC 50 Hz / max 0.5 A
Load ability P1, P2	0.5 A (AC) / output
Frequency of the PWM signal.	200 Hz
Signal level	5V
Protection class	IP20
Ambient temperature	T40
Controller power consumption	0.02 A (1.5 W)
Communication	Wired
Dimension [mm]	140 x 95 x 40

PC11W

815182898



Pump controller for CH or DHW system

What do you get?

- own temperature settings for switching ON / OFF the pump
- displaying of the measured temperature
- simple operation via 3 buttons
- an option of working in manual mode.

What else will you like?

- preventing pump from failure (ANTI-stop function)
- protection against boiler's freezing (ANTI-frost function)
- sound alarm (to avoid boiler's overheating).



Rating Max	6 A
Power consumption	2 W
Adjustable temperature range (ON)	5 - 80°C
Adjustable temperature range (OFF)	10 - 85°C
Temperature measurement range.	0 - 99°C
Operating temperature	-10 - 50°C
Sensor wire length	1.2 m
Dimension [mm]	155 x 70 x 35



Pipe / Cylinder thermostat

AT thermostats are especially useful for automatic temperature control in tanks, as well as in pumps and valves systems.

What do you get?

- 2 types of connection: turning above or below the selected temperature parameter
- simple assembly on a pipe (AT10) or in an immersion sleeve (AT10F)
- additional protection against accidental change of temperature.

AT10 // AT10F

615232890 // 615232891

Rating Max	16 (4) A
Output	NO/COM/NC
Temperature range	30 - 90°C
Dimension [mm]	105 x 50 x 45 capillary length: 1200 Ø capillary: 7

PC12HW

815182897



Pump controller for CH and DHW system

What do you get?

- displaying of the measured temperature
- simple operation via 3 buttons
- an option of working in manual mode
- optimally hot water (thanks to the DHW priority mode).

What else will you like?

- summer mode, which limits out-of-season CH operation
- preventing pump from failure (anti-stop function)
- sound alarm (to avoid boiler's overheating).



Rating Max	6 A
Power consumption	2 W
Temperature range	5 - 80°C for CO 5 - 80°C for CWU
Temperature measurement range.	0 - 99°C
Operating temperature	-10 - 50°C
Sensor wire length	1.2 m
Dimension [mm]	155 x 70 x 35



Two-way valve, shut-off (zone)  
Three-way valve, diverter (zone)

The motorized valve can be used for control of both heating and hot water, and it works by controlling the flow of water from the heating boiler to other parts of the system.

What do you get?

- 230V electric drive
- a limit switch
- a return spring
- manual control mechanism.

Rating Max	3 A
Power consumption	6 W
Output	NO/COM
Fluid temperature range	5°C - 88°C
Max static pressure	8.6 bar
Differential pressure	1" - 0.8 bar 3/4" - 0.6 bar
Protection class	IP20
Dimension [mm]	87 x 55 x 60

PMV21 / PMV24 // PMV31 / PMV34

615240100 / 615240101

615243502 / 615243503

# MD22A // MD34AWO

615250650 // 615250651



## MAG-Defender. Full flow magnetic filter

The filter protects your CH installation by strong neodymium magnet, which traps all sediments or residues.

### What do you get?

- central heating installation in perfect purity
- real savings on service and spare parts
- absolutely easy operation.



CLEAN INSTALLATION = EFFICIENT OPERATION = ENERGY-EFFICIENT SYSTEM

Capacity 500 ml. It serves as a dispenser for cleaning and protective preparations.

# LX1 // LX2 // LX3

615252241 // 615252243 // 615252245



## LX1 - Inhibitor

### What do you get?

- long-lasting protection of the system against internal corrosion, stone and sediment
- a product adapted to each heating system (mixed metal or plastic).

## LX2 - Sludge remover

### What do you get?

- a guarantee of eliminating sediment
- increased system efficiency
- perfect way for preparation of all systems (being in use) for installing new boilers / pumps / panels
- a product adapted to each heating system (mixed metal or plastic).

## LX3 - Cleaner

### What do you get?

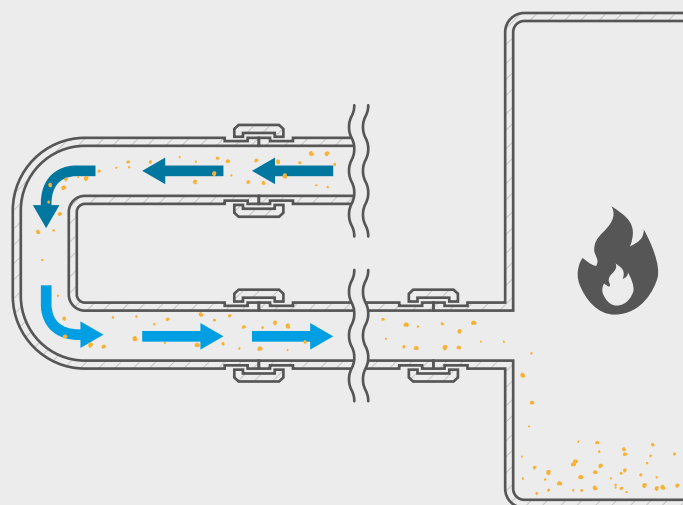
- a system cleaned of residues flux and other impurities
- a guarantee of eliminating debris
- a product adapted to each heating system (mixed metal or plastic).



A 500 ml bottle is enough for every 100 liters of installation capacity.

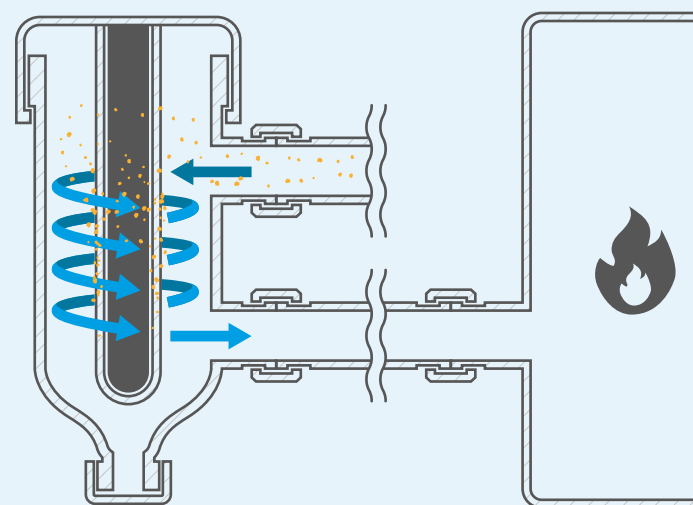
## If you don't use the filter

Not using the filter causes getting the sediment and contamination into the boiler. It results in reduced life time and poorer operation of the heat source.



## With Mag Defender filter

The filter effectively retains sediment and contamination, which significantly enhances lifetime of the boiler.



2 YEAR WARRANTY  
-C- 230V



## 16 A relay module

It is used to turn ON / OFF electrical devices. Thanks to small dimensions, it can be installed in flush-mounting box, or where there is a need to control a receiver with a maximum load of 16 A.

### What do you get?

- working with 230V or battery thermostat to man any heat source
- a way to 'unload' the master device (if there is a limitation of thermostat's maximum load)
- an option to reduce the load of a wiring centre contacts or increase the number of actuators that can be connected.

Rating Max	16 A / 250V AC
Inputs	SL - Connection of the thermostat with the voltage relay 230 V NO/COM - Connection of the thermostat with the voltage free relay NO/COM
Output	NO/COM/NC - voltage free relay
Dimension [mm]	47 x 47 x 20



# RR868

615252590

NEW 5 YEAR WARRANTY  
-C- 230V



## Remote Mains Switch

### What do you get?

- multitask solution everywhere, where no wires are available
- electrical devices control e.g. pumps, fans, lighting, etc.
- pre-paired devices.

### What else will you like?

- two aesthetic cases in the set
- optional assembly in a flush mount box of 60 mm.

Rating Max	5 (3) A
Output signal	230 V AC
Communication	Wireless, 868 Mhz
Dimension [mm]	45 x 45 x 20
Housing dimension [mm]	84 x 84 x 28



**SOLUTION FOR**  
**THE LACK OF CABLING**

# CT10-X 3M // CT6-PT1000 // CT6 W-PT1000

515250420 // 515250421 // 515250422



## CT10-X 3M - Heating circuit temperature sensor

It is a sensor for measuring the liquid temperature by clip it onto the pipe or via a protective sleeve.

## CT6-PT1000 - Container temperature sensor

It is a sensor for measuring the liquid temperature by clip it onto the pipe or via a protective sleeve, directly in the tank.

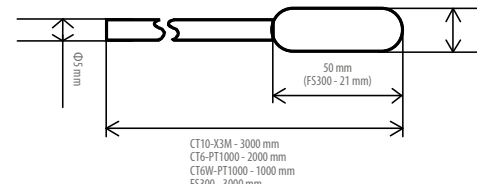
## CT6 W-PT1000 - Collector temperature sensor

It is a sensor for measuring the liquid temperature by clip it onto the pipe or via a protective sleeve, directly in the collector.

## FS300 - Temperature sensor

Thanks to the accurate thickness and stiffness is especially recommended for installation as a floor temperature sensor.

Thermostats having an additional input for FS300 sensor:  
HTRP230, VS30W, VS30B, VS35W, VS35B, VS10WRF, VS10BRF, VS20WRF, VS20BRF, HTRS-RF(30), HTRP-RF(50), TS600, FC600.



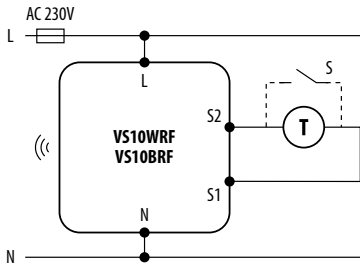
Measuring range	-40°C - 110°C
Thermistor	NTC 10 kΩ
Cord length	3 m
Cross-section	2 x 0.5 mm²
Measuring range	0°C - 100°C
Thermistor	Pt1000
Cord length	2 m
Cross-section	2 x 0.5 mm²
Measuring range	-40°C - 180°C
Thermistor	Pt1000
Cord length	1 m
Cross-section	2 x 0.5 mm²
Measuring range	-10°C - 100°C
Thermistor	NTC 10 kΩ
Cord length	3 m
Cross-section	2 x 0.5 mm²



# TECHNICAL DATA AND WIRING DIAGRAMS

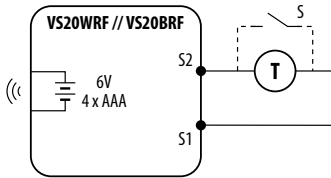
## VS10WRF // VS10BRF

Supply	230V AC 50 Hz
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^{\circ}\text{C}$ or $\pm 0.5^{\circ}\text{C}$
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	86 x 86 x 42
Thickness after mounting in 60 mm wall box [mm]	16.5



## VS20WRF // VS20BRF

Supply	4 x AAA alkaline batteries
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^{\circ}\text{C}$ or $\pm 0.5^{\circ}\text{C}$
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	86 x 86 x 29



## HTRS-RF(30)

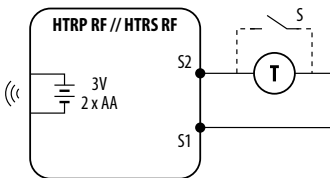
Supply	2 x AA alkaline batteries
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^{\circ}\text{C}$
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	85 x 85 x 25

## HTRP-RF(50)

Supply	2 x AA alkaline batteries
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^{\circ}\text{C}$ or $\pm 0.5^{\circ}\text{C}$
Communication	ZigBee 2.4 GHz
Dimension [mm]	85 x 85 x 25

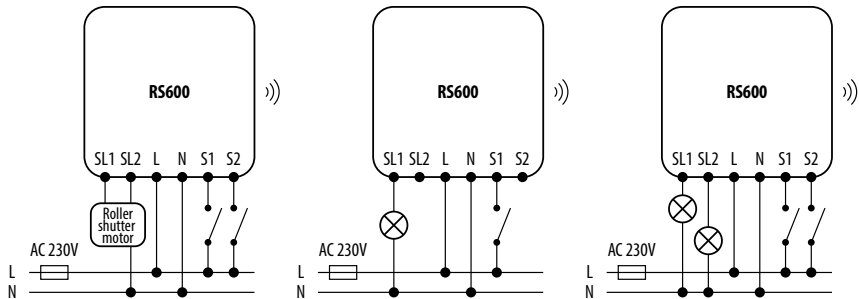
## HTR-RF(20)

Supply	2 x AA alkaline batteries
Temperature range	5 - 32.5°C
Temperature accuracy	0.5°C
Control algorithm	TPI or Hysteresis: $\pm 0.25^{\circ}\text{C}$
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	80 x 80 x 35



## RS600

Supply	230V AC 50 Hz
Rating Max	5 (2) A
Inputs S1, S2	230V AC 50 Hz
Outputs SL1, SL2	230V AC 50 Hz
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	45 x 45 x 20



## TRV10RFM // TRV28RFM // TRV10RAM

Supply	2 x AA alkaline batteries
Communication	Wireless, ZigBee 2.4 GHz
Thread's size	10RFM - M30 x 1.5 28RFM - M28 x 1.5 10RAM - Danfoss RA
Dimension [mm]	10RFM - 50 x 90 x 50 28RFM - 50 x 90 x 50 10RAM - 50 x 102 x 50

## SPE600

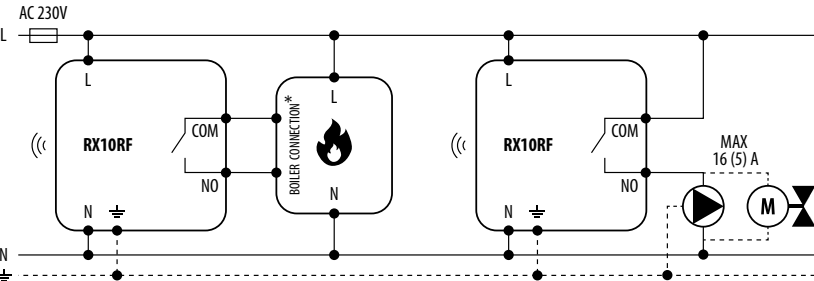
Supply	230V AC 50 Hz
Rating Max	16 A
Plug and Socket type	2 - Pin EU Schuko plug and Schuko socket
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	42 x 77 x 42

## SRS600

Dimension [mm]	84 x 84 x 28
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## RX10RF

Supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	NO/COM
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	145 x 100 x 35



## 08RFA

Dimension [mm]	H=132 Ø=29
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## C010RF

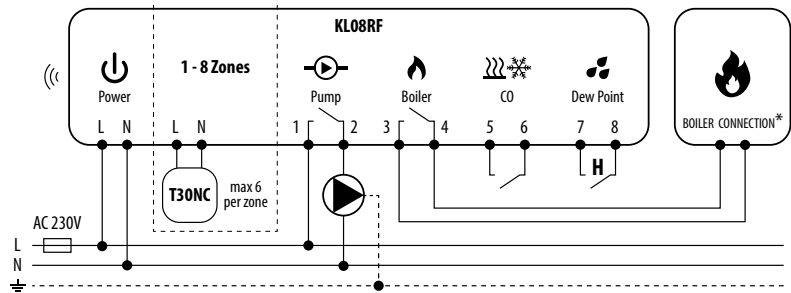
Supply	5V DC
Dimension [mm]	54 x 26 x 20.7

## RE10RF

Supply	5V DC
Dimension [mm]	54 x 26 x 20.7

## KL08RF

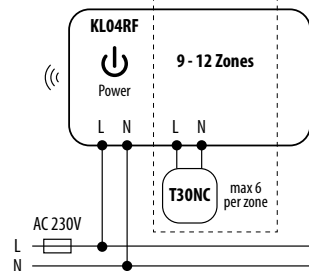
Supply	230V AC 50 Hz
Rating max	3 A
Inputs	Heating/cooling changeover Dew point
Outputs	Pump (NO/COM) Boiler (NO/COM) UFH thermal actuators (230 V)
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	355 x 85 x 67



## KL04RF

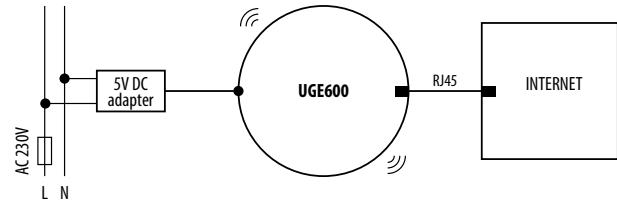
Supply	230V AC 50 Hz
Dimension [mm]	170 x 85 x 67

**Notice:** Work only with KL08RF



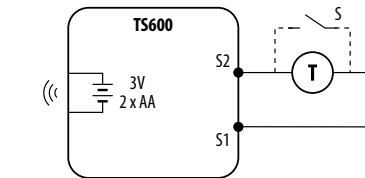
## UGE600

Supply	5V DC
Port	1x10/100 LAN port
Communication	Wireless, ZigBee 2.4 GHz
Mounting	Table or wall mounted
Dimension [mm]	H=55.5 Ø=90



## TS600

Supply	2 x AA alkaline batteries
Temperature range	5 - 35°C (only in app)
Temperature accuracy	0.5°C (only in app)
Control algorithm	TPI or Hysteresis: $\pm 0.25^{\circ}\text{C}$ or $\pm 0.5^{\circ}\text{C}$
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	51 x 85 x 26

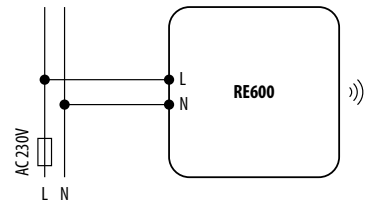


## WLS600

Supply	1 x CR2
Communication	Wireless, ZigBee 2.4 GHz
External sensor length	2 m
Sensor dimension [mm]	H=25, Ø=55
Bracket dimension [mm]	60 x 66 x 30

## RE600

Supply	230V AC 50 Hz
Communication	Wireless, ZigBee 2.4 GHz
Repeater dimension [mm]	45 x 45 x 20

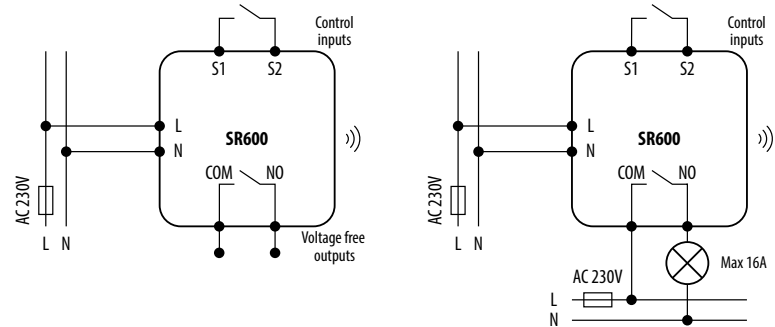


## SD600

Supply	1 x CR123A
Communication	Wireless, ZigBee 2.4 GHz
Alarm level	$\geq 85\text{dB}$
Operating temperature	-10 - 50°C
Operating humidity	$\leq 95\%$
Dimension [mm]	60 x 60 x 49

## SR600

Supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	NO/COM
Input	S1 i S2
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	45 x 45 x 20



## SW600 // OS600

Supply SW600	1 x CR2
Supply OS600	1 x CR3032
Max. Magnet Gap (distance)	25 mm
Communication	Wireless, ZigBee 2.4 GHz
SW600 dimension [mm]	Sensor: 22 x 70 x 20 Magnet: 11 x 41 x 10
OS600 dimension [mm]	Sensor: 55 x 40 x 12 Magnet: 55 x 16 x 12

## SB600

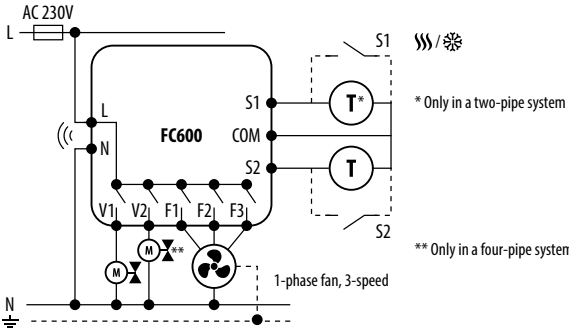
Supply	2 x AAA alkaline batteries
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	59 x 59 x 19

## CSB600

Supply	2 x AAA alkaline batteries
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	59 x 66 x 27

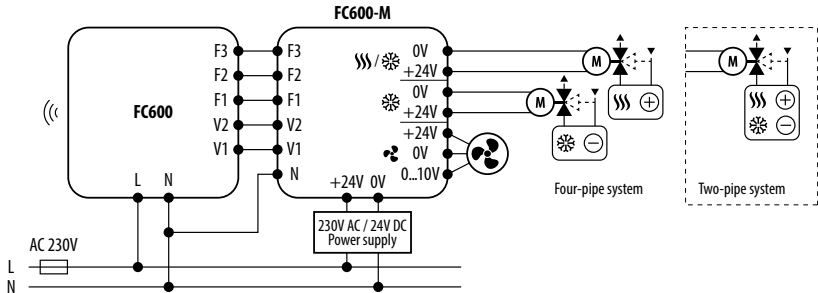
FC600

Supply	230V AC 50 Hz
Rating Max	5 (2) A
Control outputs:	230 V AC 50 Hz
- Fan Speed control (I, II, III gear)	
- Valve actuator (cooling/heating)	
Temperature range	5 - 40°C
Temperature accuracy	0.1°C or 0.5°C
Communication	Wireless, ZigBee 2.4 GHz
Dimension [mm]	86 x 86 x 46
Thickness after mounting in 60 mm wall box [mm]	16.5



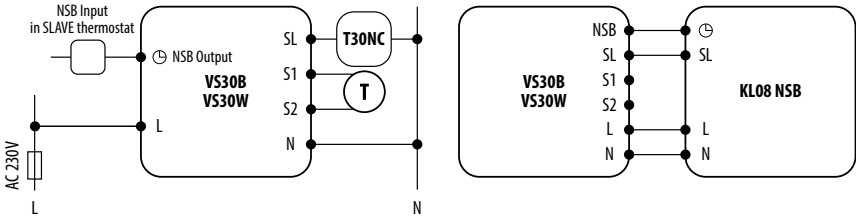
FC600-M 0-10V

Supply	24V DC
Inputs:	230V AC
- F1,F2,F3: Low/Medium/High fan speeds	
- V1, V2: Valve inputs (heating and cooling)	
Outputs:	
- Fan supply and control	24V DC; 6.5 A
	0...10V
- V1, V2: Valve outputs (heating and cooling)	24V DC; 1 A
Mounting	35 mm DIN Rail
Dimension [mm]	51 x 90 x 65



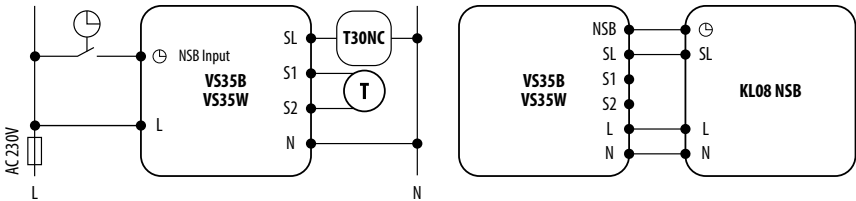
VS30W // VS30B

Supply	230V AC 50 Hz
Rating Max	3 A
Output	230V AC 50 Hz
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	PWM or Hysteresis: ±0.25°C or ±0.5°C
Communication	Wired
Dimension [mm]	86 x 86 x 42



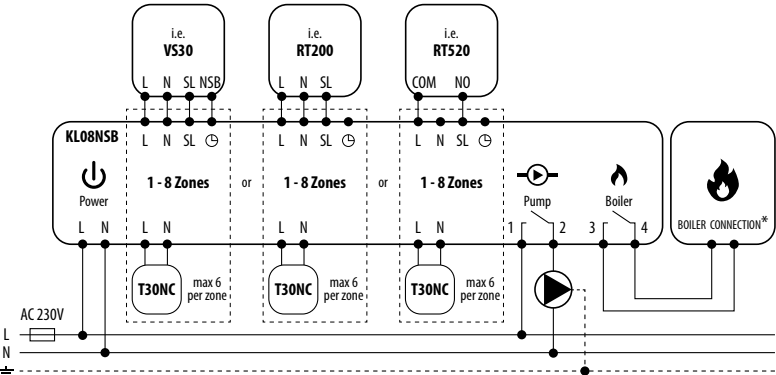
VS35W // VS35B

Supply	230V AC 50 Hz
Rating Max	3 A
Output	230V AC 50 Hz
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	PWM or Hysteresis: ±0.25°C or ±0.5°C
Communication	Wired
Dimension [mm]	86 x 86 x 42



KL08NSB

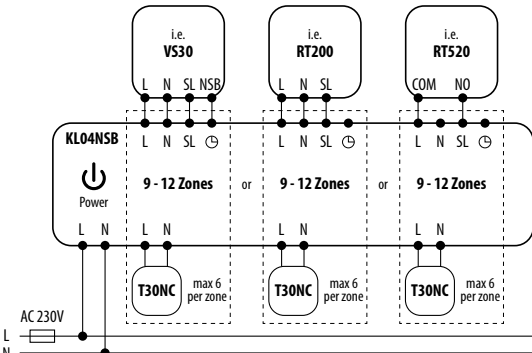
Supply	230V AC 50 Hz
Rating Max	3 A
Inputs	External clock (230V)
Outputs	Pump (NO/COM) Boiler (NO/COM) UFH thermal actuators (230 V)
Dimension [mm]	355 x 85 x 67



KL04NSB

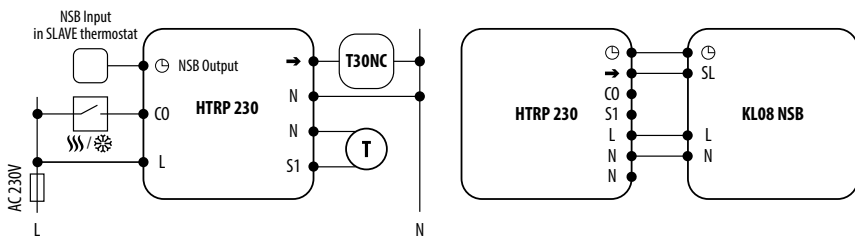
Supply	230V AC 50 Hz
Dimension [mm]	170 x 85 x 67

Notice: Work only with KL08NSB



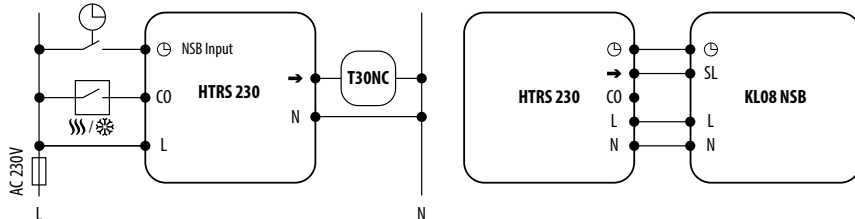
HTRP230(50)

Supply	230V AC 50 Hz
Rating Max	0.5 A
Output	230V AC 50 Hz
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	PWM or Hysteresis: ±0.25°C or ±0.5°C
Communication	Wired
Dimension [mm]	85 x 85 x 25



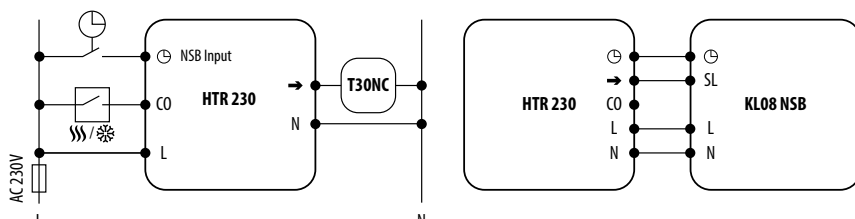
HTRS230(30)

Supply	230V AC 50 Hz
Rating Max	0.5 A
Output	230V AC 50 Hz
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	PWM or Hysteresis: ±0.25°C or ±0.5°C
Communication	Wired
Dimension [mm]	85 x 85 x 25



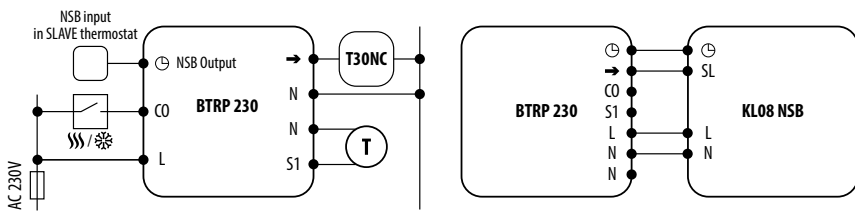
HTR230(20)

Supply	230V AC 50 Hz // 24V AC 50 Hz
Rating Max	0.5 A
Output	230V AC 50 Hz // 24V AC 50 Hz
Temperature range	5 - 30°C
Temperature accuracy	0.5°C
Control algorithm	PWM or Hysteresis: ±0.5°C
Communication	Wired
Dimension [mm]	85 x 85 x 30



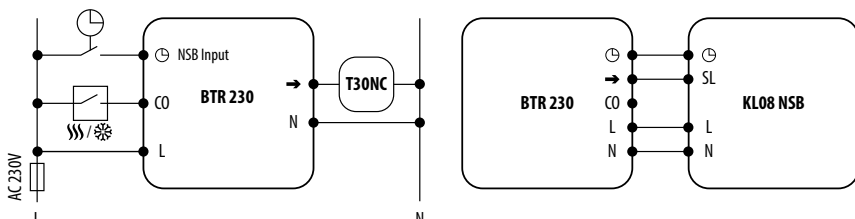
BTRP230(50)

Supply	230V AC 50 Hz
Rating Max	0.5 A
Output	230V AC 50 Hz
Temperature range	5 - 35°C
Temperature accuracy	0.5°C
Control algorithm	PWM or Hysteresis: ±0.25°C or ±0.5°C
Communication	Wired
Dimension [mm]	71 x 71 x 46



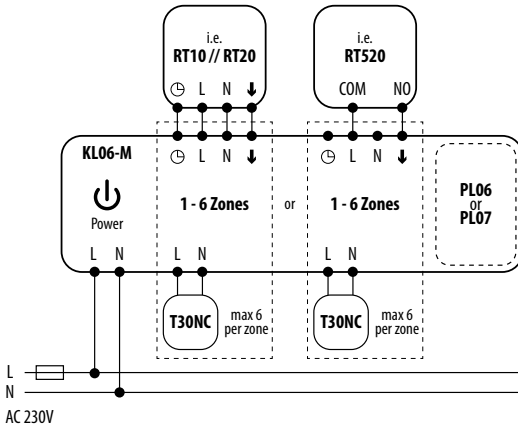
BTR230(20)

Supply	230V AC 50 Hz
Rating Max	0.5 A
Output	230V AC 50 Hz
Temperature range	5 - 30°C
Temperature accuracy	0.5°C
Control algorithm	PWM or Hysteresis: ±0.5°C
Communication	Wired
Dimension [mm]	71 x 71 x 53



KL06-M

Supply	230V AC 50 Hz
Rating Max	2 (1) A
Outputs	UFH thermal actuators (230V)
Wymiary	300 x 86 x 63





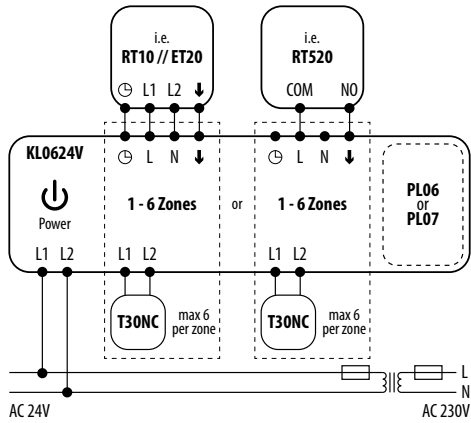
## KL0624V

### Wiring centre

Supply	24V AC 50 Hz
Rating Max	2 (1) A
Outputs	UFH thermal actuators (24V)
Dimension [mm]	300 x 86 x 63

### Power supply

Supply	230V AC 50 Hz
Output voltage	24V AC 50 Hz
Rated power	80VA
Dimension [mm]	81 x 90 x 68

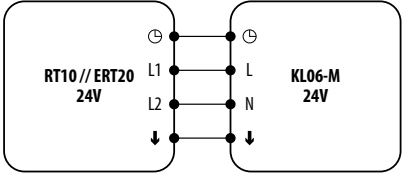


## RT10 24V

Supply	24V AC 50 Hz
Rating Max	10 (3) A
Output	24V AC 50 Hz
Temperature range	Hysteresis: 5 - 30°C
Control algorithm	±0.5°C
Communication	Wired
Dimension [mm]	75 x 75 x 25

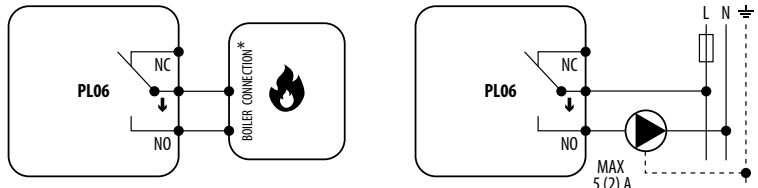
## ERT20 24V

Supply	24V AC 50 Hz
Rating Max	10 (3) A
Output	24V AC 50 Hz
Temperature range	Hysteresis: 5 - 30°C
Control algorithm	±0.5°C
Communication	Wired
Dimension [mm]	80 x 80 x 35



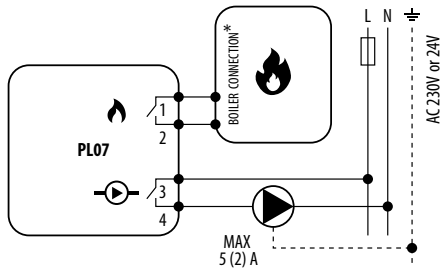
## PL06

Supply	From KL06
Rating Max	5 (2) A
Output	NO/COM/NC
Dimension [mm]	60 x 80 x 20



## PL07

Supply	From KL06
Rating Max	5 (2) A
Output	2 x NO/COM
Dimension [mm]	70 x 80 x 20

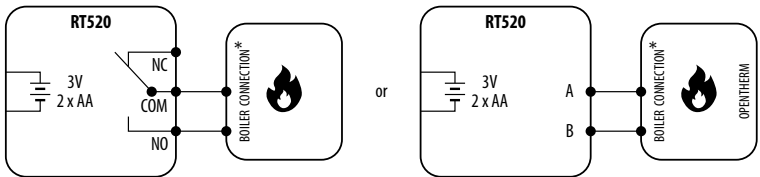


## THB23030

Supply	230V AC 50 Hz
Power consumption	0,5 W
Opening time	30 seconds
Protection class	IP54
Thread's size	M30 x 1.5
Dimension [mm]	93 x 38 x 54
Power cord length [cm]	93
Sensors cord length [cm]	45

## T30NC / T28NC // T30NO

Supply	230V AC 50 Hz 24V AC/DC
Max. inrush current.	for 230V - 200 mA / 200 ms for 24V - 250 mA / 120 s
Power consumption	2 W
Type	NC = Normally closed NO = Normally open
Closing force	100 N (±10%)
Opening time	approx. 2 min
Thread's size	M30x1.5 / M28x1.5
Dimension [mm]	40 x 70 x 40
Power cord length [cm]	89

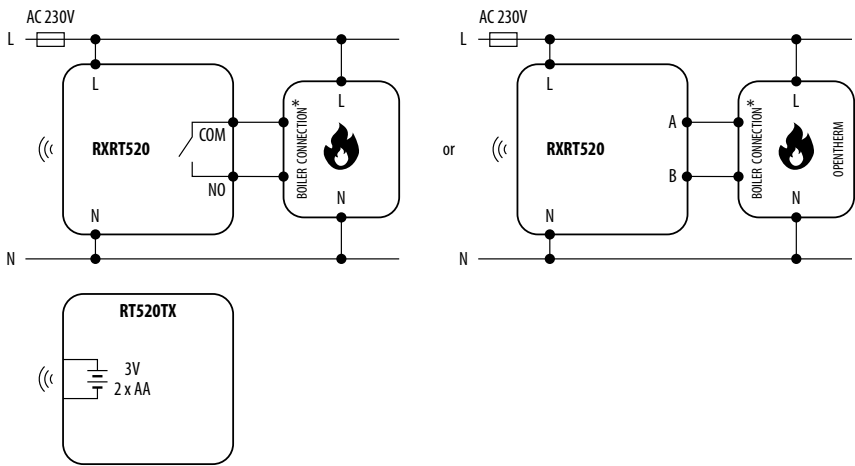


## RT520

Supply	2 x AA alkaline batteries
Rating Max	3 (1) A
Output	OpenTherm or voltage free NC/COM/NO
Temperature range	5 - 33.5°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C or ±0.5°C
Communication	Wired
Dimension [mm]	118 x 95 x 26

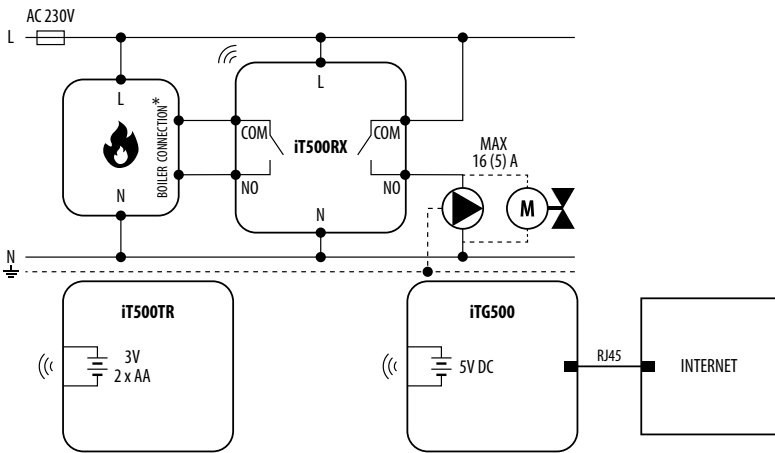
## RT520RF

Supply	2 x AA alkaline batteries
Rating Max	16 (5) A
Output	OpenTherm or voltage free COM/NO
Temperature range	5 - 33.5°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C or ±0.5°C
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 118 x 95 x 26 Receiver: 96 x 96 x 27



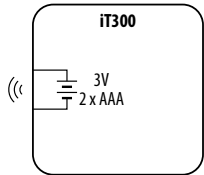
## iT500

Supply	iT500TR: 2 x AA alkaline batteries iTG500: 5V DC iT500RX: 230V AC 50 Hz
Rating Max	CH1: 16 (5) A CH2: 5 (3) A
Output	2 x NO/COM/NC
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C or ±0.5°C
Communication	Wireless, 868 Mhz
Dimension [mm]	iT500TR: 128 x 95 x 30 iTG500: 39 x 91 x 25, antenna: 70 iT500RX: 145 x 100 x 35



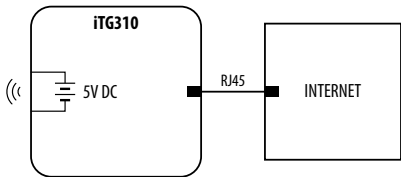
## iT300

Supply	2 x AAA alkaline batteries
Communication	Wireless, 868 Mhz
Dimension [mm]	76 x 76 x 22



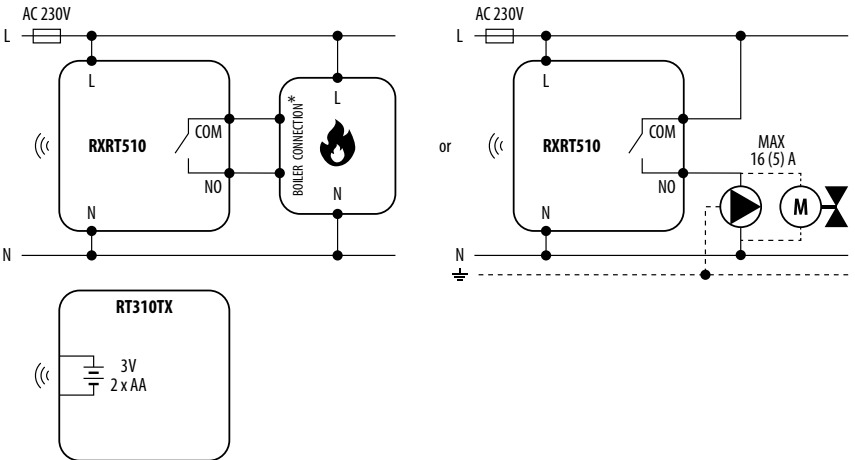
## iTG310

Supply	5V DC
Port	1 x 10/100 LAN port
Dimension [mm]	39 x 91 x 25, antenna: 70



## RT310RF

Transmitter supply	2 x AA alkaline batteries
Receiver supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	NO/COM/NC
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C
Receiver	RXRT510
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 96 x 96 x 27 Receiver: 96 x 96 x 27



RT310i // RT310iSPE // RE310iSR

Transmitter	Supply	2 x AA alkaline batteries
	Temperature range	5 - 35°C
	Temperature accuracy	0.1°C or 0.5°C
	Control algorithm	TPI or Hysteresis: ±0.25°C or ±0.5°C
	Communication	Wireless, 868 Mhz
Gateway	Dimension [mm]	96 x 96 x 27
RXRT510	Supply	5V DC
	Port	1 x 10/100 LAN port
	Dimension [mm]	39 x 91 x 25, antenna: 70
SPE868	Supply	230V AC 50 Hz
	Rating Max	16 (5) A
	Output	NO/COM
	Dimension [mm]	96 x 96 x 27
SR868	Supply	230V AC 50 Hz
	Rating Max	16 (5) A
	Output	EU Schuko plug and Schuko socket
	Dimension [mm]	42 x 77 x 42
SR868	Supply	230V AC 50 Hz
	Rating Max	16 (5) A
	Output	NO/COM
	Communication	Wireless, 868 Mhz
	Dimension [mm]	44 x 44 x 26

RT310

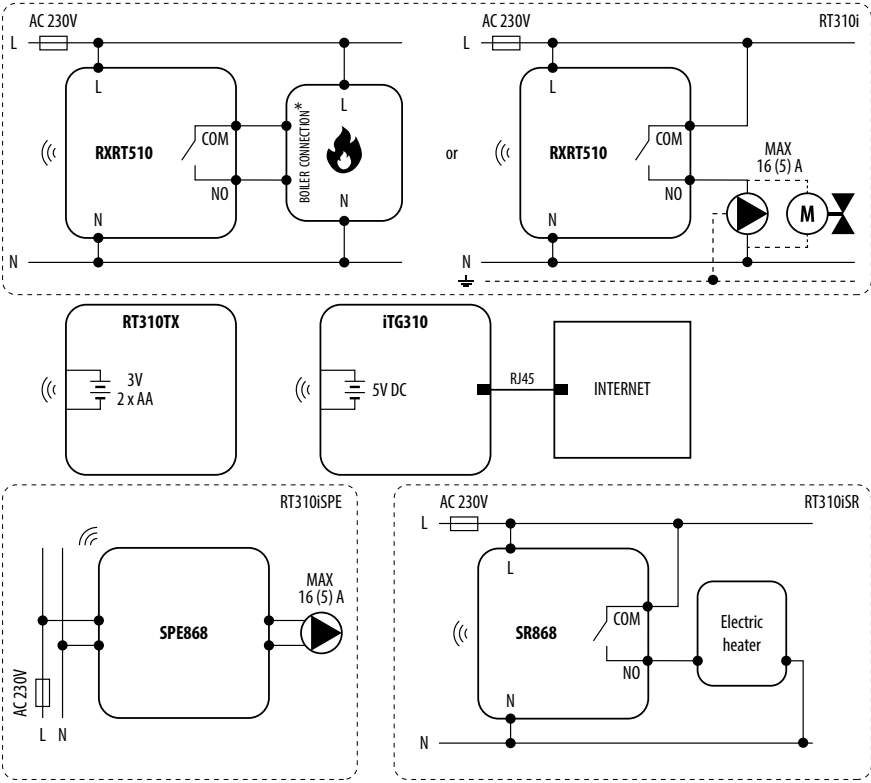
Supply	2 x AA alkaline batteries
Rating Max	3 (1) A
Output	NO/COM/NC
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C
Communication	Wired
Dimension [mm]	96 x 96 x 27

RT310SPE

Transmitter supply	2 x AA alkaline batteries
Receiver supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	EU Schuko plug and Schuko socket
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C
Receiver	SPE868
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 96 x 96 x 27 Receiver: 42 x 77 x 42

RT310SR

Transmitter supply	2 x AA alkaline batteries
Receiver supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	NO/COM/NC
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C
Receiver	SR868
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 96 x 96 x 27 Receiver: 44 x 44 x 26



RT510

Supply	2 x AA alkaline batteries
Rating Max	3 (1) A
Output	NO/COM/NC
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C
Communication	Wired
Dimension [mm]	120 x 96 x 27

RT510RF

Transmitter supply	2 x AA alkaline batteries
Receiver supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	NO/COM/NC
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C
Receiver	RXRT510
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 120 x 96 x 27 Receiver: 96 x 96 x 27

RT510SR

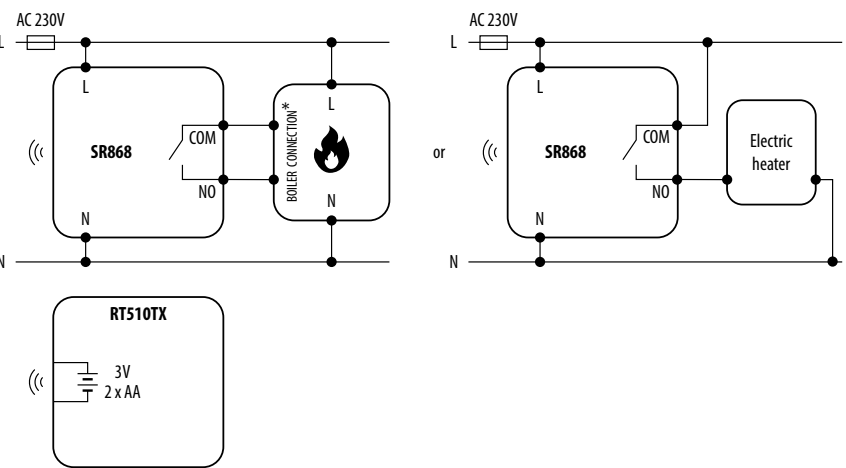
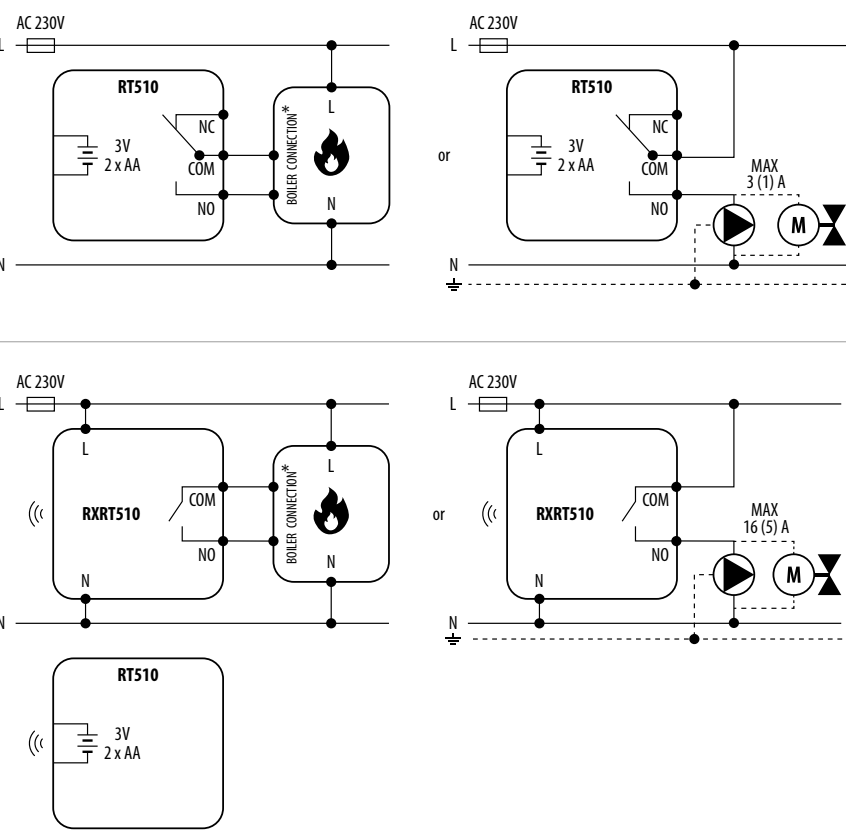
Transmitter supply	2 x AA alkaline batteries
Receiver supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	NO/COM/NC
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C
Receiver	SR868
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 120 x 96 x 27 Receiver: 44 x 44 x 26

RT510SPE

Transmitter supply	2 x AA alkaline batteries
Receiver supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	NO/COM/NC
Temperature range	5 - 35°C
Temperature accuracy	0.1°C or 0.5°C
Control algorithm	TPI or Hysteresis: ±0.25°C
Receiver	SPE868
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 120 x 96 x 27 Receiver: 42 x 77 x 42

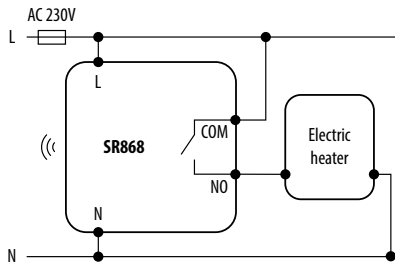
SPE868

Supply	230V AC 50 Hz
Output	EU Schuko plug and Schuko socket
Communication	Wireless, 868 Mhz
Dimension [mm]	42 x 77 x 42



SR868

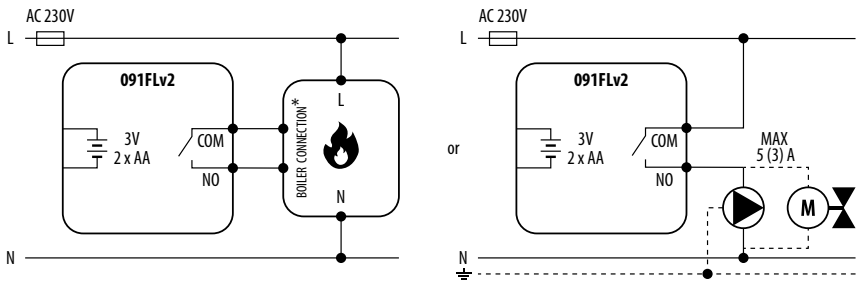
Supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	NO/COM
Communication	Wireless, 868 Mhz
Dimension [mm]	44 x 44 x 26





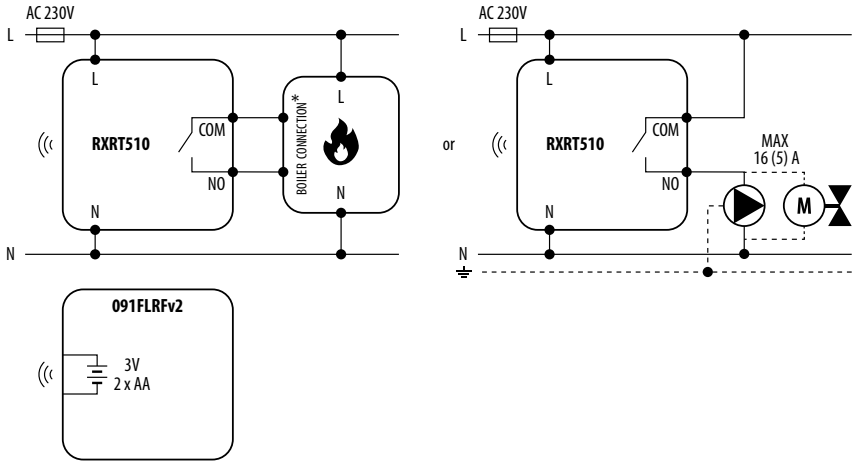
# 091FLv2

Supply	2 x AA alkaline batteries
Rating Max	5 (3) A
Output	Voltage free NO/COM
Temperature range	5 - 30°C
Temperature accuracy	0.2°C
Control algorithm	Hysteresis: $\pm 0.25^{\circ}\text{C}$ or $\pm 0.5^{\circ}\text{C}$
Communication	Wired
Dimension [mm]	154 x 80 x 30



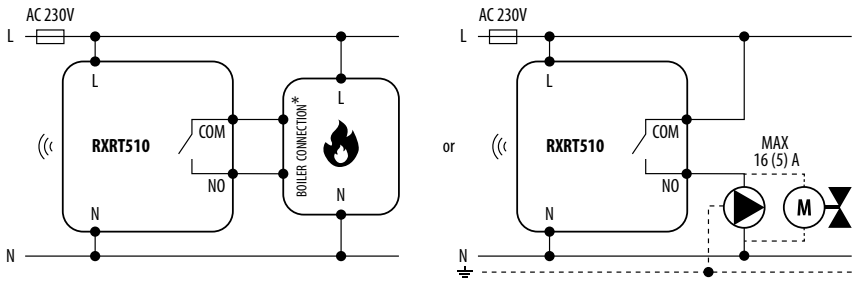
# 091FLRFv2

Transmitter supply	2 x AA alkaline batteries
Receiver supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	Voltage free NO/COM
Temperature range	5 - 30°C
Temperature accuracy	0.2°C
Control algorithm	Hysteresis: $\pm 0.25^{\circ}\text{C}$ or $\pm 0.5^{\circ}\text{C}$
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 154 x 80 x 30 Receiver: 96 x 96 x 27



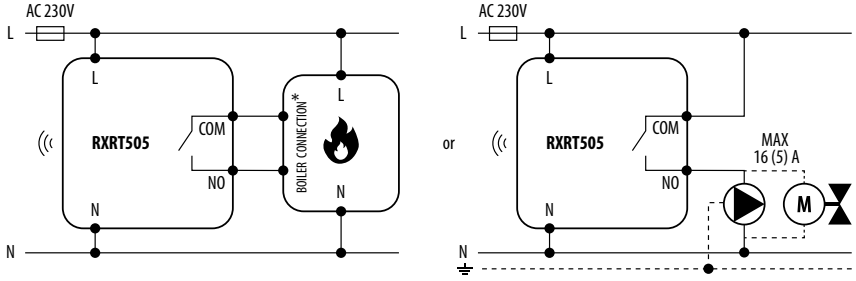
# RXRT510

Supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	Voltage free NO/COM
Dimension [mm]	96 x 96 x 27



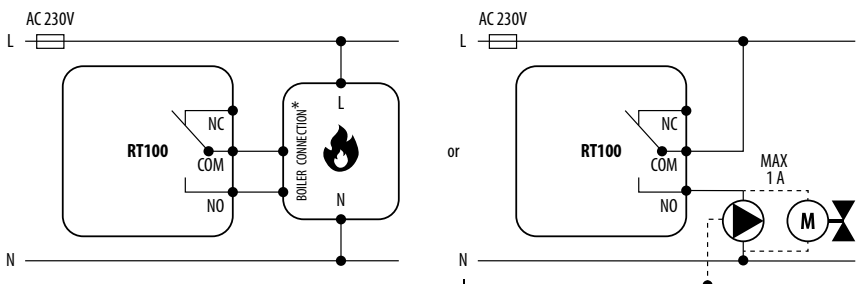
# RXRT505

Supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	Voltage free NO/COM
Dimension [mm]	129 x 97 x 35



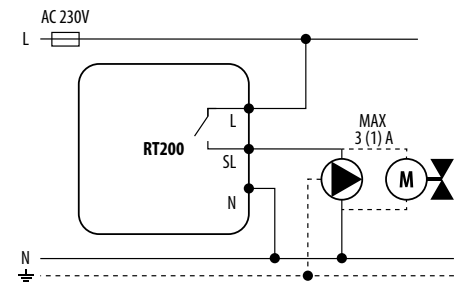
# RT100

Supply	230V AC 50 Hz
Rating Max	1 A
Output	Voltage free NO/COM/NC
Temperature range	10 - 30°C
Communication	Wired
Dimension [mm]	80 x 80 x 40



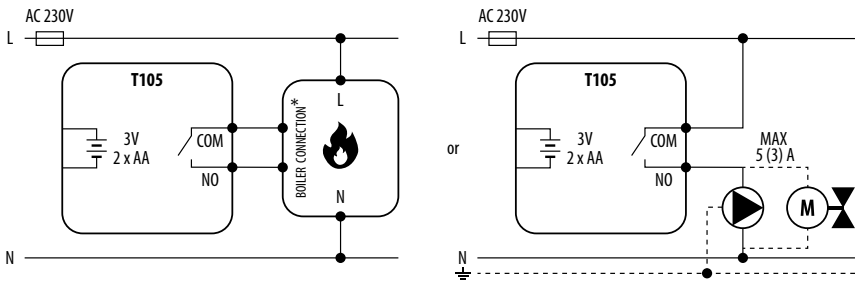
# RT200

Supply	230V AC 50 Hz
Rating Max	3 (1) A
Output	230V AC 50 Hz
Temperature range	5 - 35°C
Control algorithm	$\pm 1^{\circ}\text{C}$
Communication	Wired
Dimension [mm]	95 x 95 x 40



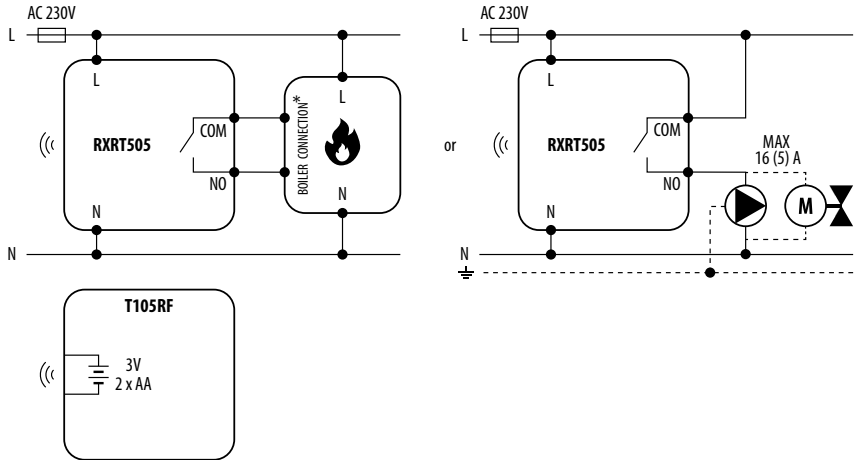
# T105

Supply	2 x AA alkaline batteries
Rating Max	5 (3) A
Output	Voltage free NO/COM
Temperature range	5 - 30°C
Temperature accuracy	0.2°C
Control algorithm	Hysteresis: $\pm 0.4^{\circ}\text{C}$ , $\pm 0.8^{\circ}\text{C}$ , $\pm 1.4^{\circ}\text{C}$ or $\pm 1.8^{\circ}\text{C}$
Communication	Wired
Dimension [mm]	96 x 117 x 22



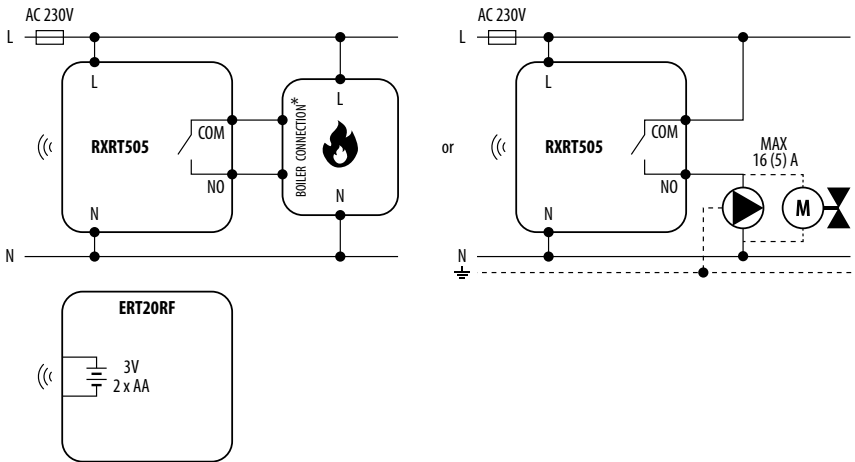
# T105RF

Transmitter supply	2 x AA alkaline batteries
Receiver supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	Voltage free NO/COM
Temperature range	5 - 30°C
Temperature accuracy	0.2°C
Control algorithm	Hysteresis: $\pm 0.4^{\circ}\text{C}$ , $\pm 0.8^{\circ}\text{C}$ , $\pm 1.4^{\circ}\text{C}$ or $\pm 1.8^{\circ}\text{C}$
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 96 x 117 x 22 Receiver: 129 x 97 x 35



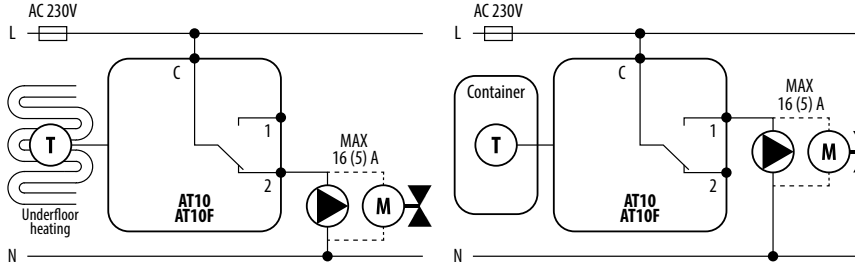
# ERT20RF

Transmitter supply	2 x AA alkaline batteries
Receiver supply	230V AC 50 Hz
Rating Max	16 (5) A
Output	Voltage free NO/COM
Temperature range	5 - 32.5°C
Control algorithm	$\pm 0.5^{\circ}\text{C}$
Communication	Wireless, 868 Mhz
Dimension [mm]	Transmitter: 80 x 80 x 30 Receiver: 129 x 97 x 35



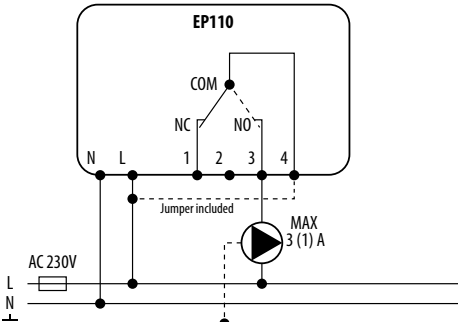
# AT10 // AT10F

Rating Max	16 (4) A
Output	NO/COM/NC
Temperature range	30 - 90°C
Dimension [mm]	105 x 50 x 45 capillary length: 1200 Ø capillary: 7



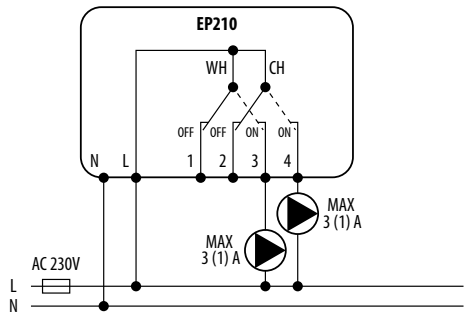
# EP110

Supply	230V AC 50 Hz
Rating Max	3 (1) A
Output	Voltage free NO/COM/NC
Number of channels	1
Dimension [mm]	120 x 98 x 27



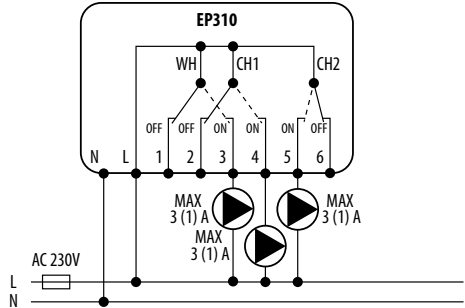
# EP210

Supply	230V AC 50 Hz
Rating Max	3 (1) A
Output	2 x SPDV 230V AC
Number of channels	2
Dimension [mm]	120 x 98 x 27



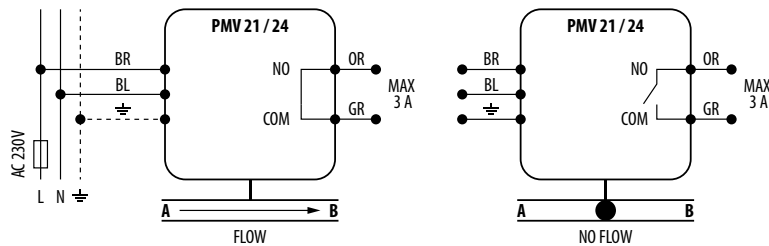
# EP310

Supply	230V AC 50 Hz
Rating Max	3 (1) A
Output	2 x SPDV 230V AC
Number of channels	3
Dimension [mm]	120 x 98 x 27



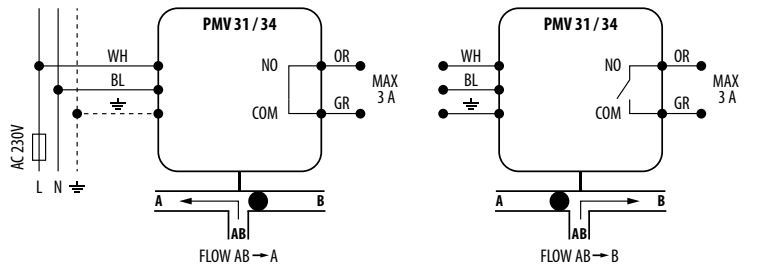
# PMV21 // PMV24

Supply	230V AC 50 Hz
Rating Max	3 A
Power consumption	6 W
Output	NO/COM
Fluid temperature range	5°C - 88°C
Max static pressure	8.6 bar
Differential pressure	1" - 0.8 bar 3/4" - 0.6 bar
Protection class	IP20
Dimension [mm]	87 x 55 x 60



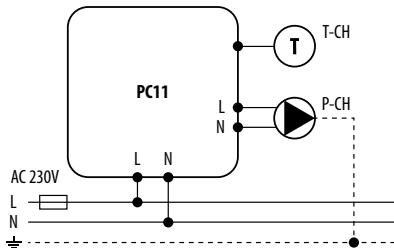
# PMV31 // PMV34

Supply	230V AC 50 Hz
Rating Max	3 A
Power consumption	6 W
Output	NO/COM
Fluid temperature range	5°C - 88°C
Max static pressure	8.6 bar
Differential pressure	1" - 0.8 bar 3/4" - 0.6 bar
Protection class	IP20
Dimension [mm]	87 x 55 x 60



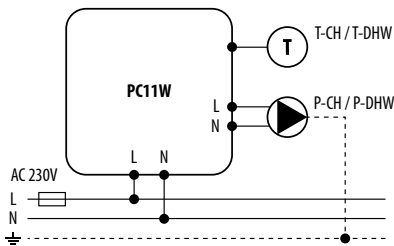
# PC11

Supply	230V AC 50 Hz
Rating Max	6 A
Power consumption	2 W
Temperature range	5 - 80 °C
Temperature measurement range	0 - 99 °C
Operating temperature	-10 - 50 °C
Sensor wire length	1.2 m
Dimension [mm]	155 x 70 x 35



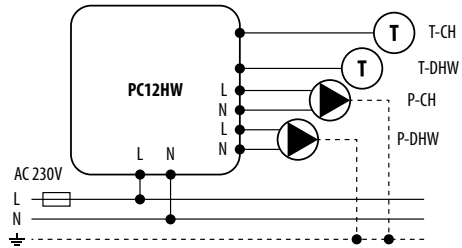
# PC11W

Supply	230V AC 50 Hz
Rating Max	6 A
Power consumption	2 W
Adjustable temperature range (ON)	5 - 80 °C
Adjustable temperature range (OFF)	10 - 85 °C
Temperature measurement range	0 - 99 °C
Operating temperature	-10 - 50 °C
Sensor wire length	1.2 m
Dimension [mm]	155 x 70 x 35



# PC12HW

Supply	230V AC 50 Hz
Rating Max	6 A
Power consumption	2 W
Temperature range	5 - 80 °C for CO 5 - 80 °C for CWU
Temperature measurement range	0 - 99 °C
Operating temperature	-10 - 50 °C
Sensor wire length	1.2 m
Dimension [mm]	155 x 70 x 35



# PCSOL 201

Supply	230V AC 50 Hz
Measurement inputs	4 temperature inputs
Low voltage outputs	Output (H) 5 - 6 V / 0.1 A (DC) Output PWM for controlling the solar pump (only P1)
High voltage outputs P1, P2	230V AC 50 Hz / max 0.5 A
Load ability P1, P2	0.5 A (AC) / output
Frequency of the PWM signal.	200 Hz
Signal level	5V
Protection class	IP20
Ambient temperature	T40
Controller power consumption	0.02 A (1.5 W)
Communication	Wired
Dimension [mm]	140 x 95 x 40

# WT100

Supply	230V AC 50 Hz
Rating Max	3 (3) A
Inputs	T1- mixer temperature T2- outside temperature T3- return temperature T4- boiler temperature TP- room thermostat input
Outputs	Heating circuit pump Mixing valve control output Heating sources control output
Protection class	IP20
Ambient temperature	T40
Dimension [mm]	140 x 99 x 43

## MULTI-MIX

Supply	230V AC 50 Hz
Rating Max	6 (6) A
Temperature inputs	Outside temperature Main heat source temperature (hydraulic clutch) Additional heat source temperature Mixer 1 temperature Mixer 2 temperature HW temperature Solar collector temperature Tank buffer temperature
Voltage free inputs	TP1, TP2, TP3 – room thermostats inputs
Voltage outputs (230 V).	6 heating circuit pumps, 230V 2 actuators with 230V mixing valves control 4 controlled voltage outputs, 230 V
Voltage free NO/COM/NC outputs	Main heating source control
Control outputs 0-10 V	Main heating source control
Protection class	IP20
Ambient temperature	T50
Dimension [mm]	340 x 225 x 60

## MULTI-MIX MODULE B

Supply	230V AC 50 Hz
Rating Max	6 (6) A
Inputs	T1 - mixer 1 temperature T2 - mixer 2 temperature TP1 - room thermostat (ON/OFF) TP2 - room thermostat (ON/OFF)
Voltage outputs (230 V)	2x heating circuit pump 2x actuators with 230V mixing valves control
Sensors measuring range.	0...100°C
Mounting	35 mm DIN Rail
Dimension [mm]	140 x 90 x 65

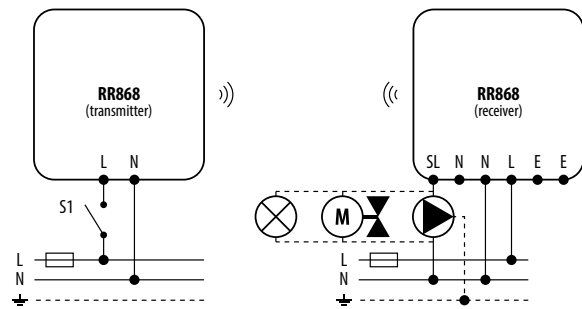
## MULTI-MIX MODULE C

Supply	230V AC 50 Hz
Rating Max	6 (6) A
Inputs	T1 - mixer 1 temperature T2 - mixer 2 temperature TP1 - room thermostat (ON/OFF) TP2 - room thermostat (ON/OFF)
Voltage outputs (230 V)	2x heating circuit pump 2x actuators with 230V mixing valves control
Sensors measuring range.	0...100°C
Mounting	35 mm DIN Rail
Dimension [mm]	140 x 90 x 65

Due to the multitude of applications  
wiring diagrams available on the site  
[www.salus-controls.eu](http://www.salus-controls.eu)

# RR868

Supply	230V AC 50 Hz
Rating Max	5 (3) A
Output signal	230 V AC
Communication	Wireless, 868 Mhz
Dimension [mm]	45 x 45 x 20
Housing dimension [mm]	84 x 84 x 28



# CT10-X 3M

Measuring range	-40°C - 110°C
Thermistor	NTC 10 kΩ
Cord length	3 m
Cross-section	2 x 0.5 mm <sup>2</sup>

# CT6-PT1000

Measuring range	0°C - 100°C
Thermistor	Pt1000
Cord length	2 m
Cross-section	2 x 0.5 mm <sup>2</sup>

# CT6W-PT1000

Measuring range	-40°C - 180°C
Thermistor	Pt1000
Cord length	1 m
Cross-section	2 x 0.5 mm <sup>2</sup>

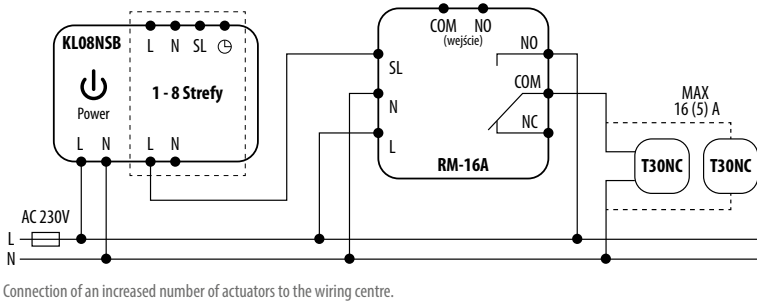
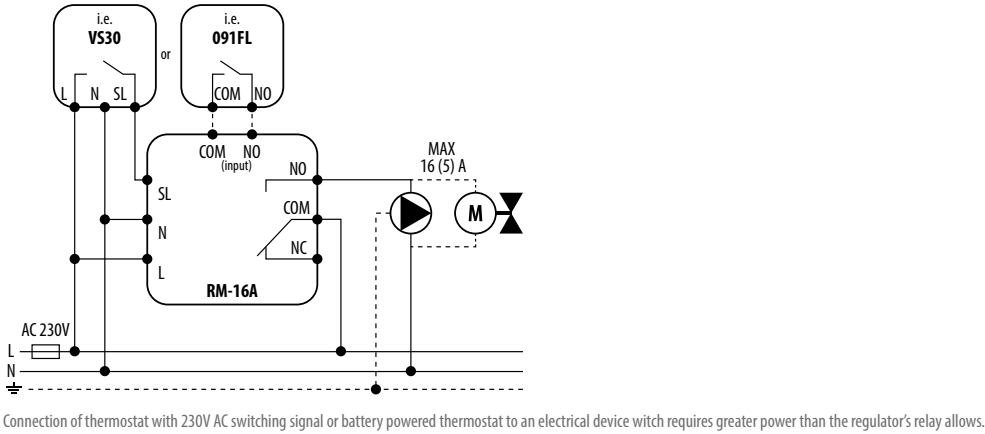
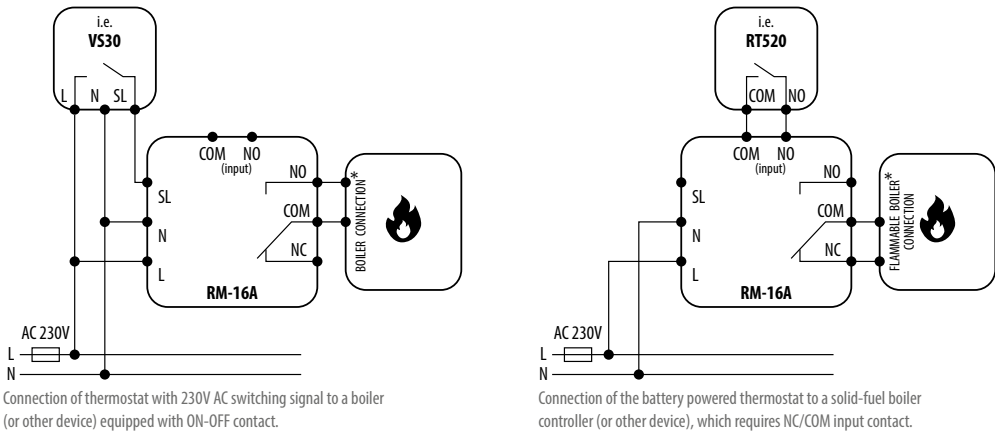
# FS300

Measuring range	-10°C - 100°C
Thermistor	NTC 10 kΩ
Cord length	3 m
Cross-section	2 x 0.5 mm <sup>2</sup>



RM-16A

Supply	230V AC 50 Hz
Rating Max	16 A / 250V AC
Inputs	SL - Connection of the thermostat with the voltage relay 230 V NO/COM - Connection of the thermostat with the voltage free relay NO/COM
Output	NO/COM/NC - voltage free relay
Dimension [mm]	47 x 47 x 20



LEGEND

	Battery powered		Wireless communication
L, N	230V AC power supply		Pump
	Fuse		Valve actuator
COM, NO, NC	Voltage free output		Temperature sensor
S, S1, S2	Input terminals		3-speed 230V AC fan
SL	230V AC voltage output		Light bulb or other load
	Contact normally open		Thermoelectric actuator
	Contact normally closed		Time programmer
	NC/COM/NO switch		External normally open contact
	Boiler - Boiler connection * - Boiler's contacts for ON/OFF thermostat (according to the boiler's instructions)		Voltage converter

ICONS DESCRIPTION

	2 x AA alkaline batteries power supply		5 YEAR WARRANTY		4 YEAR WARRANTY		2 YEAR WARRANTY	Warranty period (in years)
	2 x AAA alkaline batteries power supply		Relates to the radiator heating					
	4 x AAA alkaline batteries power supply		Relates to the underfloor heating					
	1 x CR2 (3V) alkaline battery power supply		Relates to the electric heating					
	1 x CR3032 (3V) alkaline battery power supply		Flush mounted					
	1 x CR123 (3V) alkaline battery power supply		Surface mounted					
	230V AC 50Hz power supply		Free-standing					
	24V AC 50Hz power supply		Heating/Cooling modes					
	5V DC power supply		Wireless communication					
	New product in the offer		Wired communication					
	Work in ONLINE or OFFLINE mode		Voltage free contacts					

## DISTRIBUTOR OF SALUS CONTROLS:

QL CONTROLS Sp. z o.o., Sp.k.

Rolna 4

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Poland

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